

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101474.D
 Acq On : 18 Dec 2017 12:21
 Operator : SJ/JU
 Sample : PB105093BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:49:23 PM

Quant Time: Dec 18 15:46:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	12/19/2017 4:49:23 PM
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1) 1,4-Dichlorobenzene-d4	6.80	152	173260	20.00	ng	0.00	
21) Naphthalene-d8	8.09	136	704999	20.00	ng	0.00	
38) Acenaphthene-d10	9.85	164	327211	20.00	ng	0.00	
63) Phenanthrene-d10	11.34	188	634788	20.00	ng	0.00	
75) Chrysene-d12	13.99	240	474393	20.00	ng	0.00	
86) Perylene-d12	15.45	264	373790	20.00	ng	0.00	

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1239070	106.53	ng	0.02	
7) Phenol-d6	6.46	99	1508949	104.24	ng	0.00	
23) Nitrobenzene-d5	7.38	82	992917	78.40	ng	0.00	
41) 2,4,6-Tribromophenol	10.65	330	401655	127.39	ng	0.00	
44) 2-Fluorobiphenyl	9.17	172	1680748	79.68	ng	0.00	
78) Terphenyl-d14	12.92	244	1692504	86.01	ng	0.00	

Target Compounds

						Qvalue	
2) 1,4-Dioxane	2.64	88	187719	31.409	ng	96	
3) Pyridine	3.40	79	488384	29.411	ng	96	
4) n-Nitrosodimethylamine	3.36	42	246864	32.288	ng	99	
6) Aniline	6.48	93	200750	9.979	ng	82	#
8) 2-Chlorophenol	6.60	128	432778	35.371	ng	100	
9) Benzaldehyde	6.36	77	109075	10.203	ng	100	
10) Phenol	6.47	94	529535	32.095	ng	99	
11) bis(2-Chloroethyl)ether	6.55	93	448455	34.652	ng	95	
12) 1,3-Dichlorobenzene	6.75	146	479926	34.754	ng	100	
13) 1,4-Dichlorobenzene	6.82	146	494096	35.038	ng	98	
14) 1,2-Dichlorobenzene	6.97	146	439930	34.658	ng	99	
15) Benzyl Alcohol	6.96	79	316234	31.739	ng	98	
16) 2,2'-oxybis(1-Chloropropan	7.08	45	721380	36.421	ng	74	
17) 2-Methylphenol	7.07	107	358874	31.886	ng	92	#
18) Hexachloroethane	7.31	117	173873	35.463	ng	99	
19) n-Nitroso-di-n-propylamine	7.22	70	302863	31.858	ng	94	
20) 3+4-Methylphenols	7.23	107	462982	38.819	ng	65	#
22) Acetophenone	7.22	105	599773	37.284	ng	92	#
24) Nitrobenzene	7.40	77	475828	33.947	ng	99	
25) Isophorone	7.63	82	896446	35.284	ng	99	
26) 2-Nitrophenol	7.71	139	250719	41.635	ng	96	
27) 2,4-Dimethylphenol	7.75	122	400777	39.175	ng	100	
28) bis(2-Chloroethoxy)methane	7.84	93	564227	34.961	ng	98	
29) 2,4-Dichlorophenol	7.96	162	391014	38.687	ng	100	
30) 1,2,4-Trichlorobenzene	8.03	180	384762	36.073	ng	97	
31) Naphthalene	8.11	128	1235421	34.808	ng	99	
32) Benzoic acid	7.90	122	149410	26.041	ng	99	
33) 4-Chloroaniline	8.17	127	89261	5.786	ng	97	
34) Hexachlorobutadiene	8.22	225	222911	36.134	ng	97	
35) Caprolactam	8.56	113	135965m	38.742	ng		
36) 4-Chloro-3-methylphenol	8.66	107	399543	35.966	ng	99	
37) 2-Methylnaphthalene	8.80	142	837369	36.212	ng	99	
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	402147	36.402	ng	97	
40) Hexachlorocyclopentadiene	8.95	237	168012	73.100	ng	97	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	12/19/2017 4:49:23 PM
42) 2,4,6-Trichlorophenol	9.09	196	253818	38.163	ng	98	
43) 2,4,5-Trichlorophenol	9.14	196	262607	36.061	ng	97	
45) 1,1'-Biphenyl	9.27	154	1024785	35.315	ng	99	
46) 2-Chloronaphthalene	9.30	162	774877	34.898	ng	96	
47) 2-Nitroaniline	9.40	65	262537	34.227	ng	97	
48) Acenaphthylene	9.71	152	1136660	32.411	ng	100	
49) Dimethylphthalate	9.57	163	898036	34.120	ng	100	
50) 2,6-Dinitrotoluene	9.65	165	202509	37.857	ng	98	
51) Acenaphthene	9.88	154	705541	33.485	ng	99	
52) 3-Nitroaniline	9.82	138	87769	13.160	ng	98	
53) 2,4-Dinitrophenol	9.94	184	109027	61.290	ng	#	17
54) Dibenzofuran	10.06	168	959115	35.819	ng	99	
55) 4-Nitrophenol	10.00	139	221347	76.115	ng	93	
56) 2,4-Dinitrotoluene	10.06	165	235667	39.103	ng	#	87
57) Fluorene	10.40	166	817905	36.108	ng	98	
58) 2,3,4,6-Tetrachlorophenol	10.18	232	216551	41.389	ng	#	86
59) Diethylphthalate	10.27	149	900846	34.563	ng	96	
60) 4-Chlorophenyl-phenylether	10.39	204	396201	36.496	ng	91	
61) 4-Nitroaniline	10.44	138	194508	29.016	ng	91	
62) Azobenzene	10.55	77	887202	32.859	ng	96	
64) 4,6-Dinitro-2-methylphenol	10.47	198	103218	31.864	ng	80	
65) n-Nitrosodiphenylamine	10.51	169	742182	31.664	ng	97	
66) 4-Bromophenyl-phenylether	10.87	248	258990	36.310	ng	#	88
67) Hexachlorobenzene	10.95	284	270312	35.808	ng	#	87
68) Atrazine	11.04	200	191798	27.443	ng	96	
69) Pentachlorophenol	11.15	266	205194	70.726	ng	98	
70) Phenanthrene	11.36	178	1206036	34.164	ng	99	
71) Anthracene	11.42	178	1252868	34.744	ng	100	
72) Carbazole	11.57	167	1091033	32.316	ng	99	
73) Di-n-butylphthalate	11.89	149	1415081	34.534	ng	100	
74) Fluoranthene	12.56	202	1280955	34.570	ng	97	
76) Benzidine	12.68	184	59624	2.976	ng	97	
77) Pyrene	12.79	202	1306145	36.686	ng	99	
79) Butylbenzylphthalate	13.39	149	585843	36.366	ng	#	93
80) Benzo(a)anthracene	13.98	228	1113060	35.533	ng	100	
81) 3,3'-Dichlorobenzidine	13.93	252	138427	13.553	ng	#	99
82) Chrysene	14.02	228	1039296	35.139	ng	99	
83) Bis(2-ethylhexyl)phthalate	13.94	149	763472	37.417	ng	99	
84) Di-n-octyl phthalate	14.55	149	1163685	31.978	ng	99	
85) Indeno(1,2,3-cd)pyrene	16.94	276	800614	30.398	ng	96	
87) Benzo(b)fluoranthene	15.03	252	827597	36.325	ng	99	
88) Benzo(k)fluoranthene	15.06	252	820393	37.035	ng	98	
89) Benzo(a)pyrene	15.39	252	766417	36.491	ng	99	
90) Dibenzo(a,h)anthracene	16.94	278	663907	36.816	ng	97	
91) Benzo(g,h,i)perylene	17.38	276	724394	40.568	ng	96	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

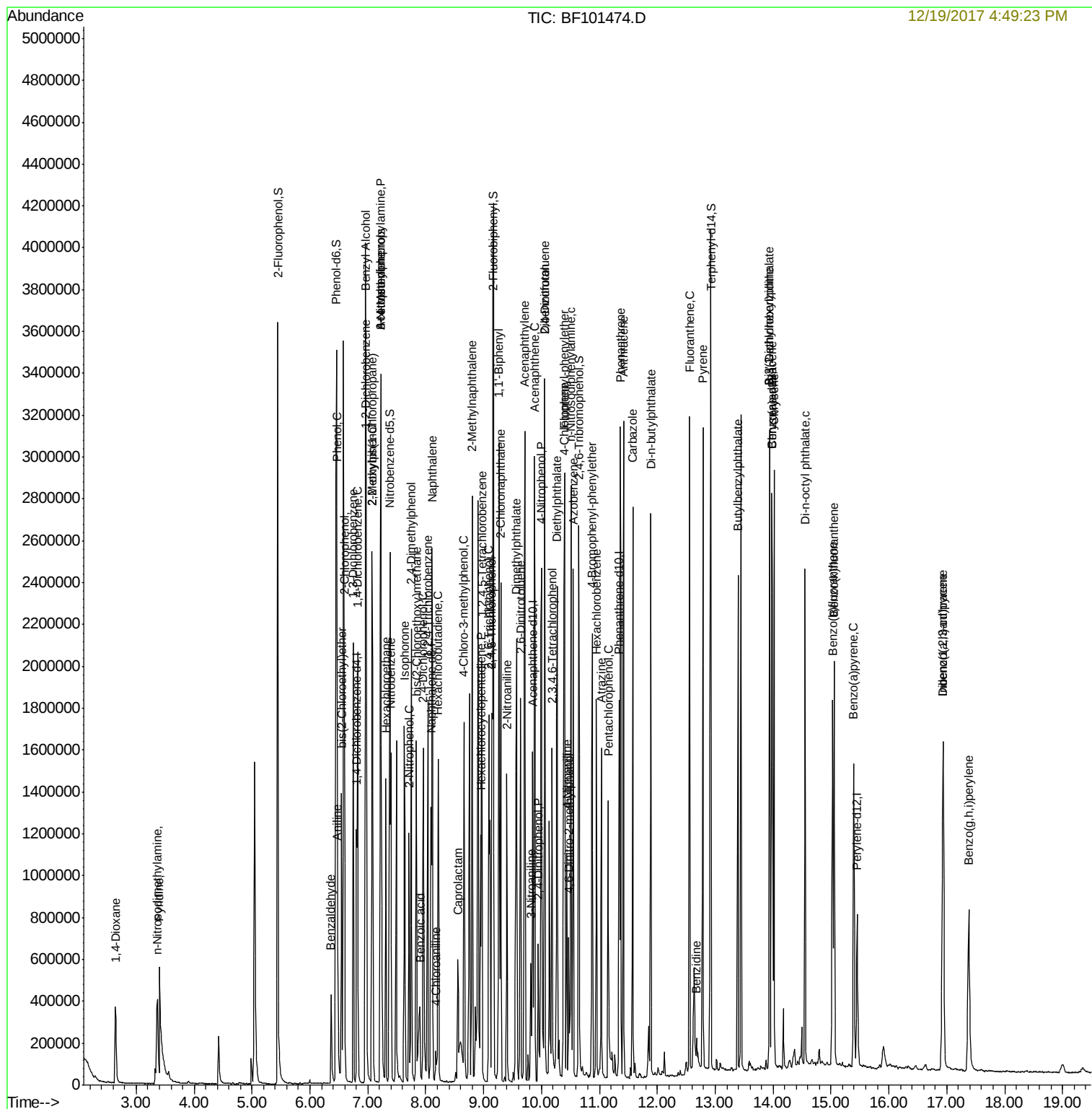
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Operator  : SJ/JU  
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Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```

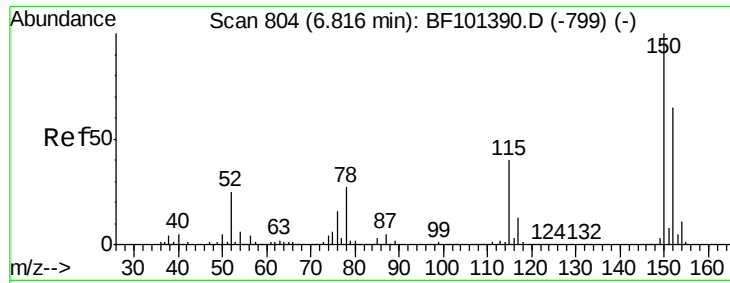
Instrument :
BNA_F
ClientSampleId :
PB105093BS

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#1

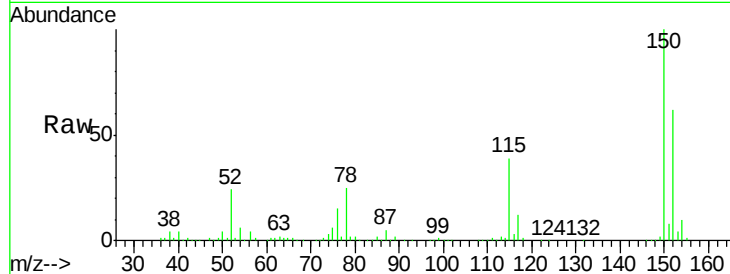
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

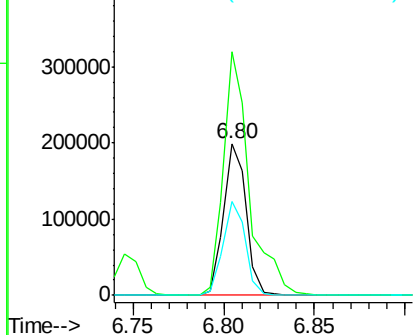
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	62.1	50.1	75.1

Manual Integrations
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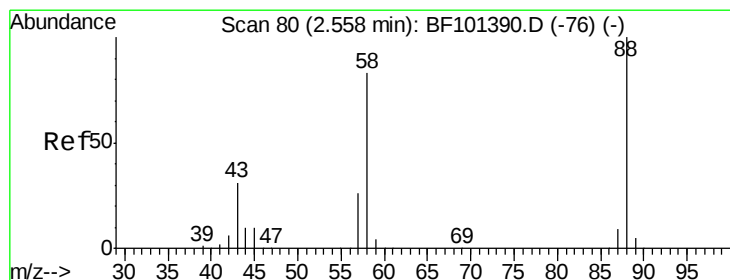
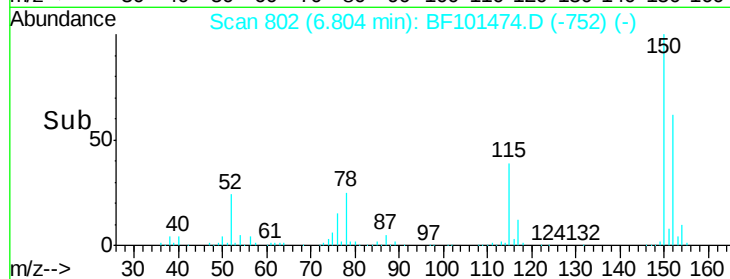
Sohil
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



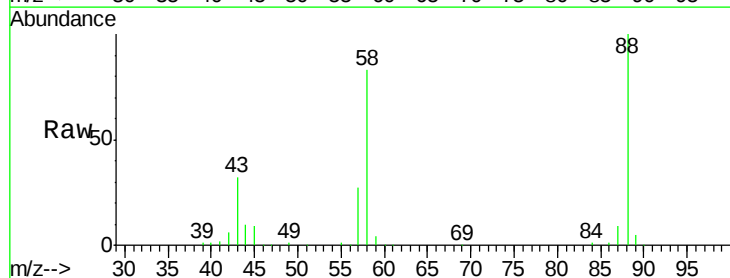
12/19/2017 4:49:23 PM



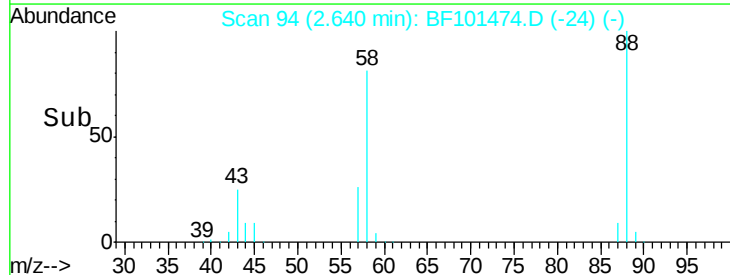
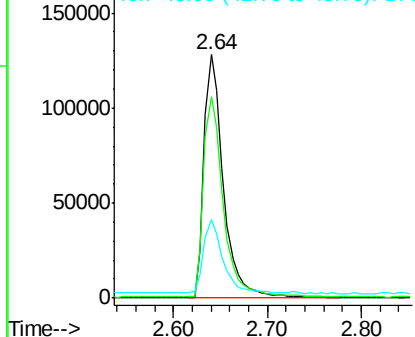
#2

1,4-Dioxane
Concen: 31.409 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.11 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	62.6	93.8
43	31.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 29.411 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.10 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

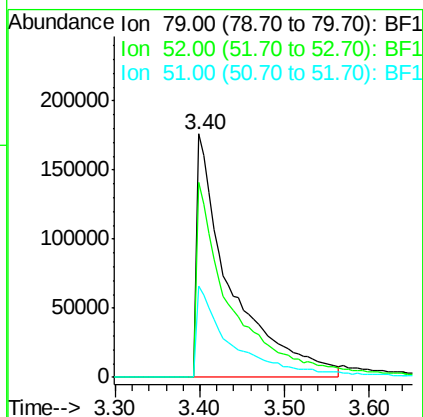
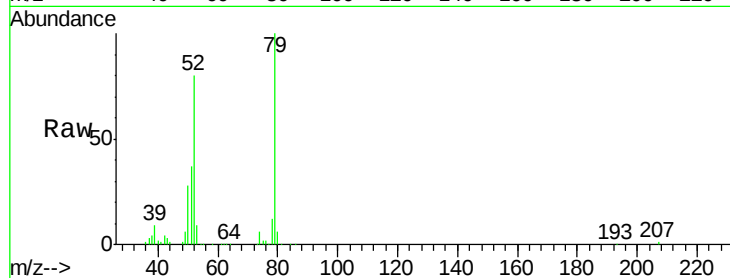
ClientSampleId :

PB105093BS

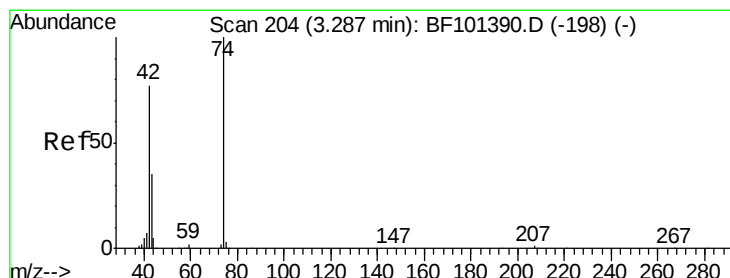
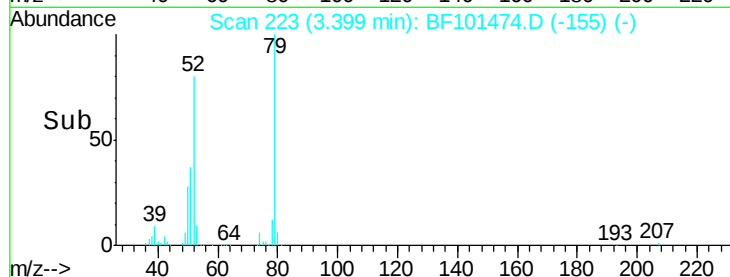
Tgt Ion:	79	Resp:	488384
Ion Ratio		Lower	Upper
79	100		
52	80.1	59.8	89.6
51	37.4	29.8	44.8

Manual Integrations
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12/19/2017 4:49:23 PM



#4

n-Nitrosodimethylamine

Concen: 32.288 ng

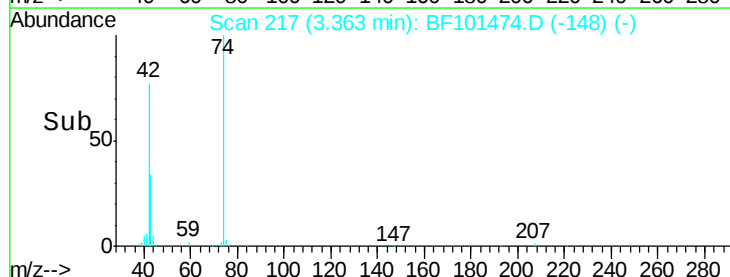
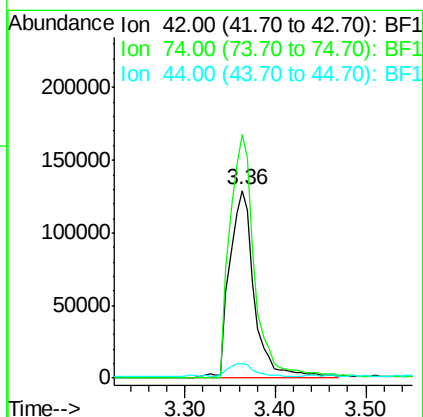
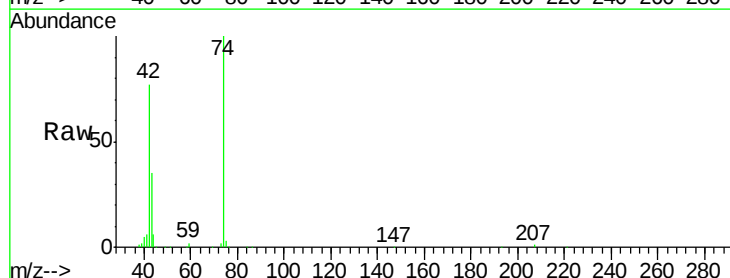
RT: 3.36 min Scan# 217

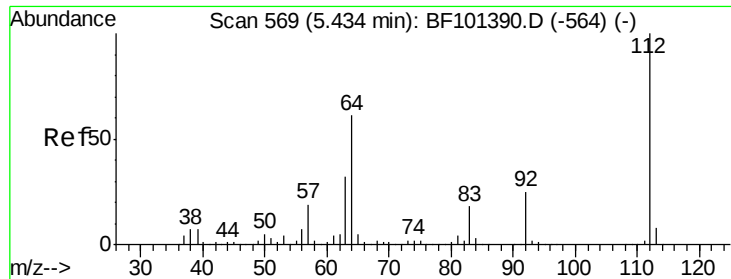
Delta R.T. 0.11 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion:	42	Resp:	246864
Ion Ratio		Lower	Upper
42	100		
74	129.8	104.9	157.3
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 106.527 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

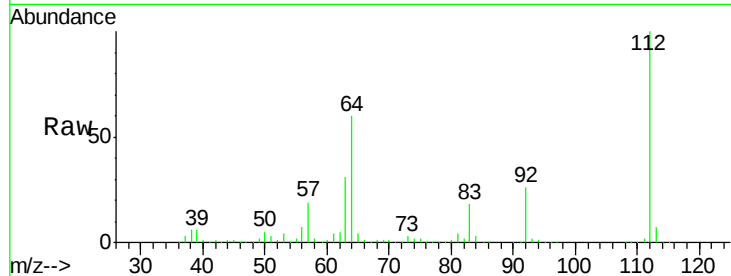
ClientSampleId :

PB105093BS

Tgt Ion:	112	Resp:	1239070
Ion Ratio	Lower	Upper	
112	100		
64	59.9	47.9	71.9
63	30.8	23.7	35.5

Manual Integrations
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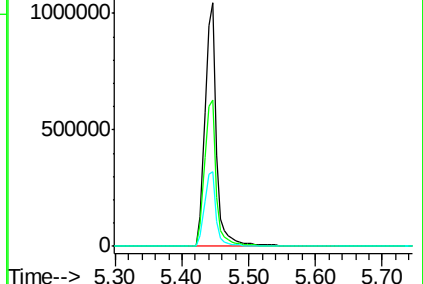
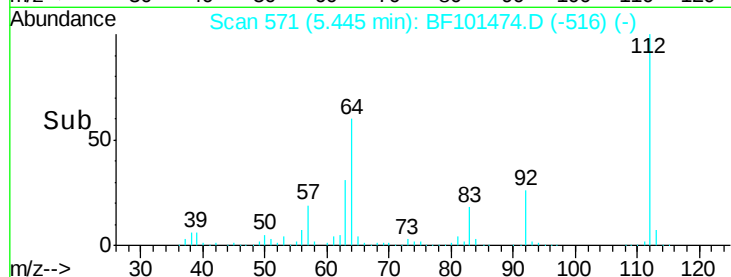
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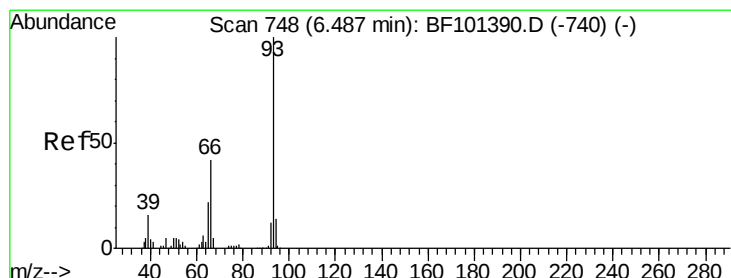
Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



12/19/2017 4:49:23 PM



#6

Aniline

Concen: 9.979 ng

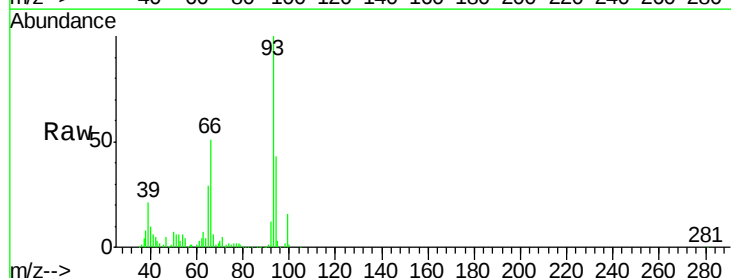
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

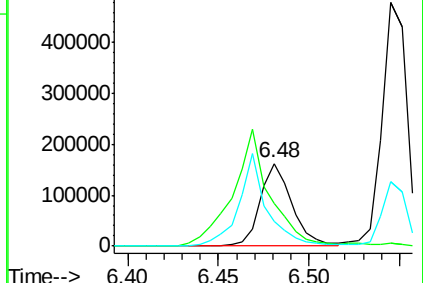
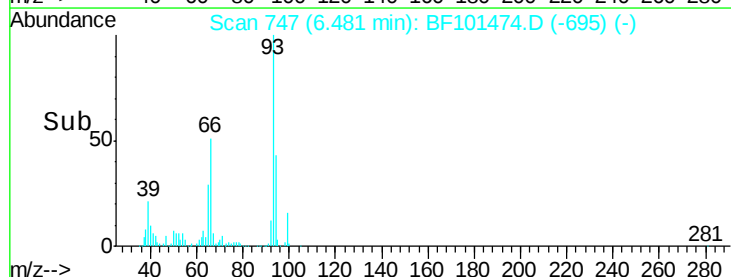
Tgt Ion:	93	Resp:	200750
Ion Ratio	Lower	Upper	
93	100		
66	51.4	32.2	48.2#
65	29.3	16.4	24.6#

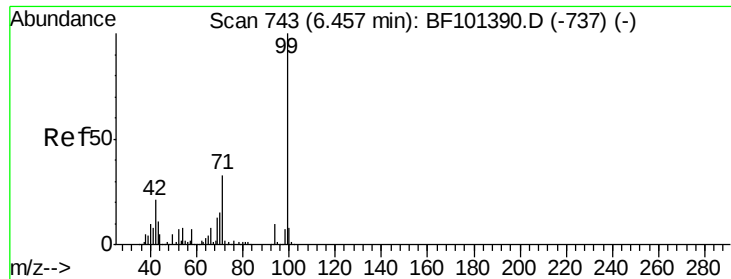


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.239 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB105093BS

Tgt Ion: 99 Resp: 1508949

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

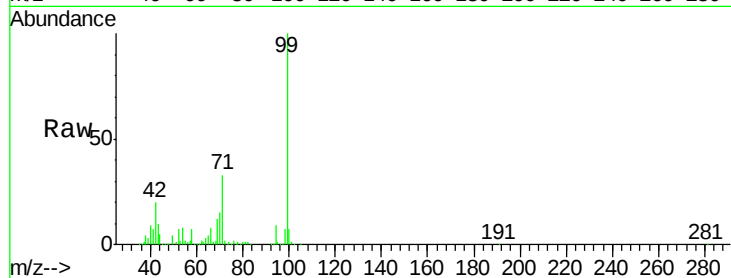
71 33.4 25.4 38.0

Manual Integrations

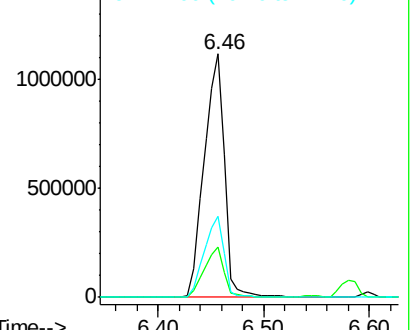
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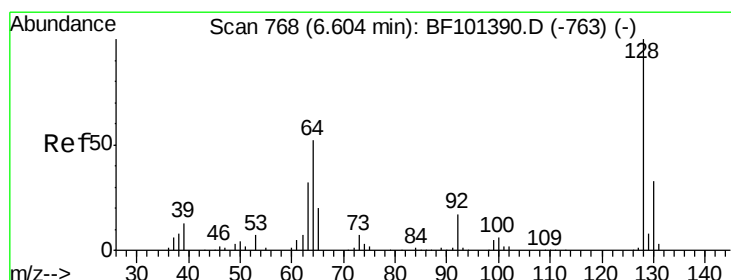
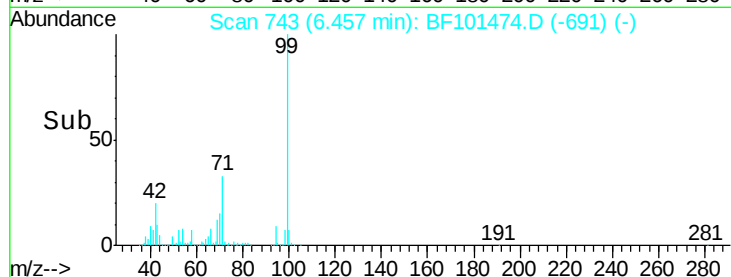
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



12/19/2017 4:49:23 PM



#8

2-Chlorophenol

Concen: 35.371 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

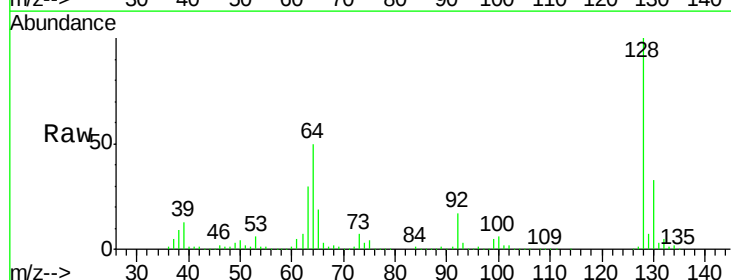
Tgt Ion: 128 Resp: 432778

Ion Ratio Lower Upper

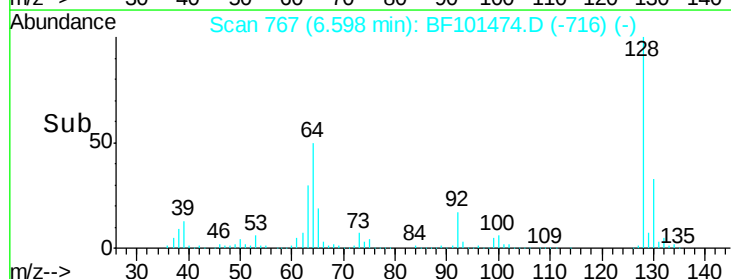
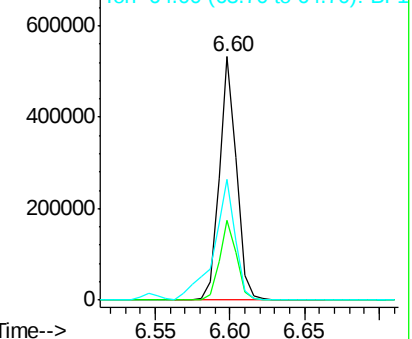
128 100

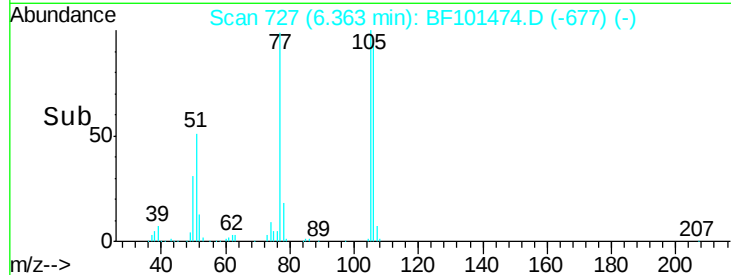
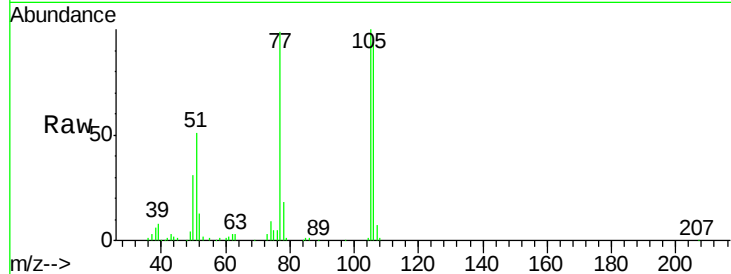
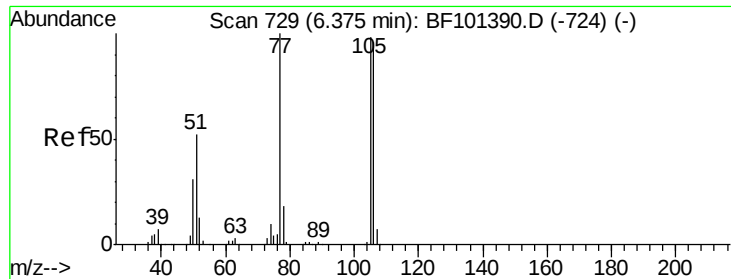
130 32.5 13.0 53.0

64 49.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.203 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		109075		
105	101.2	81.1	121.1		
106	95.0	74.5	114.5		

Instrument :

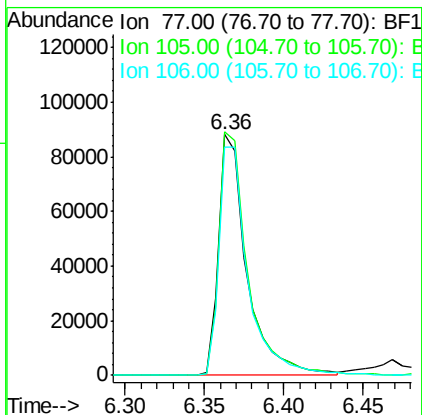
BNA_F

ClientSampleId :

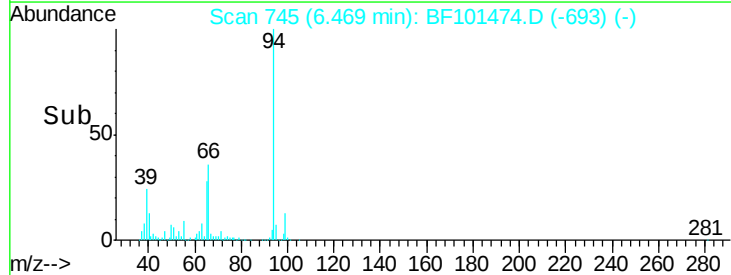
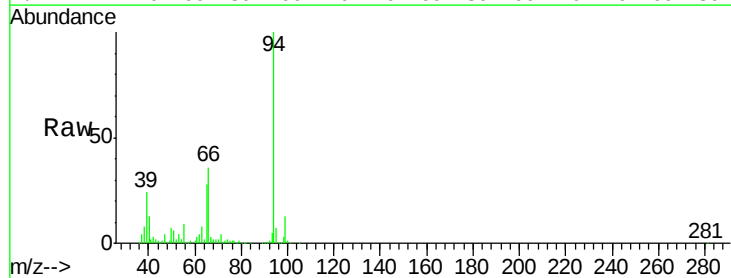
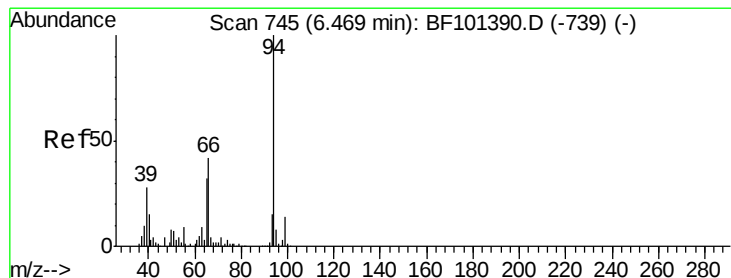
PB105093BS

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#10

Phenol

Concen: 32.095 ng

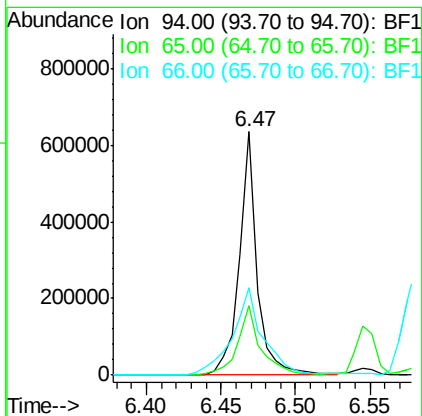
RT: 6.47 min Scan# 745

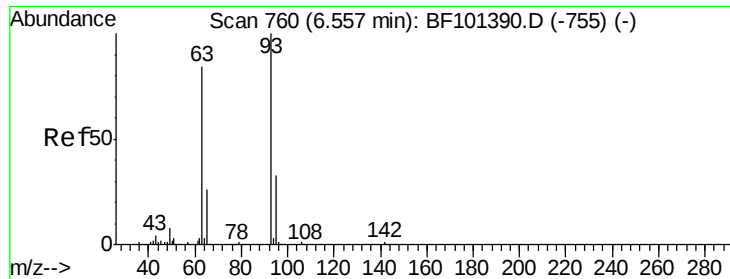
Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		529535		
65	28.5	7.9	47.9		
66	36.2	16.2	56.2		





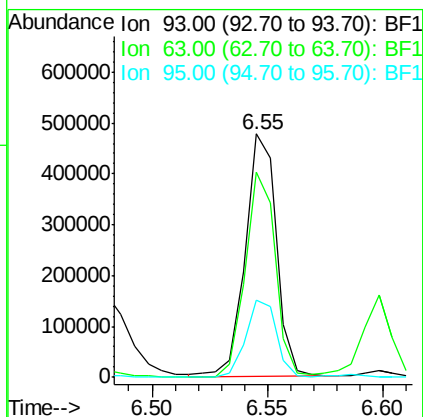
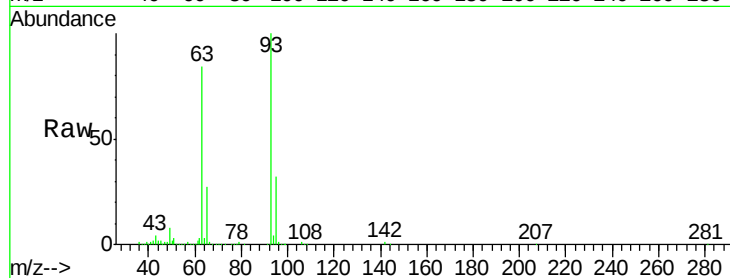
#11
bis(2-Chloroethyl)ether
Concen: 34.652 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

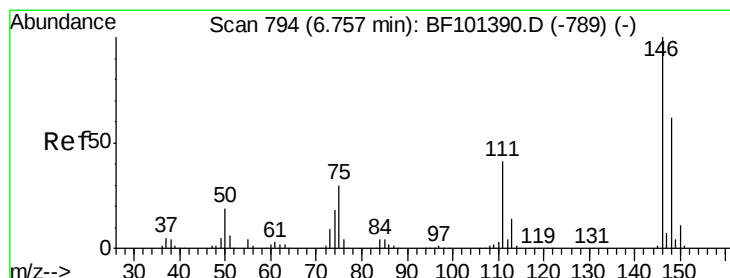
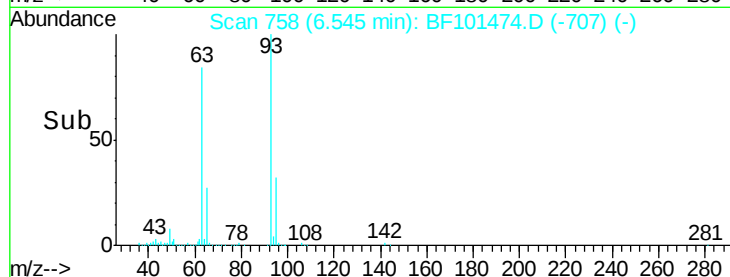
Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.4	58.6	98.6
95	31.9	11.8	51.8

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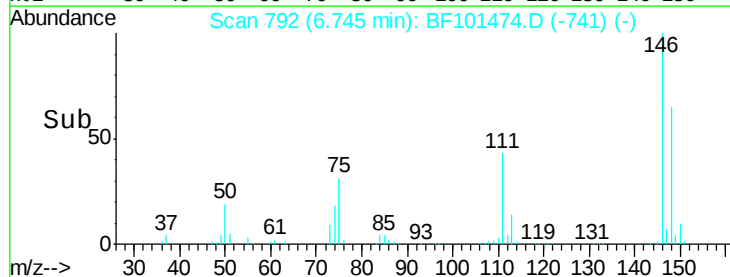
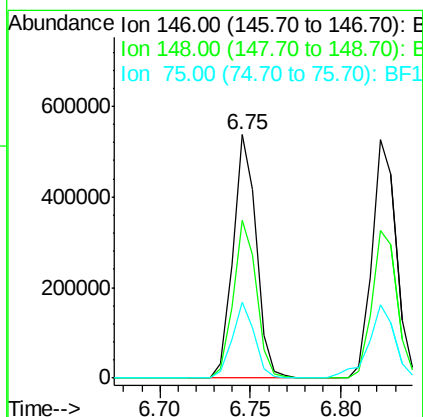
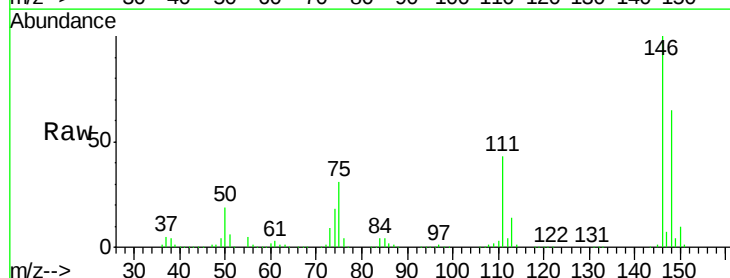


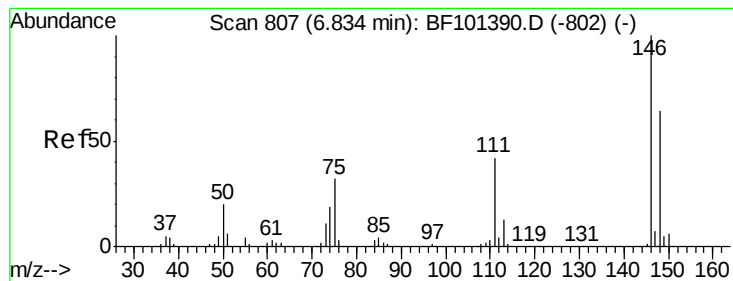
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#12
1,3-Dichlorobenzene
Concen: 34.754 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	30.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.038 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

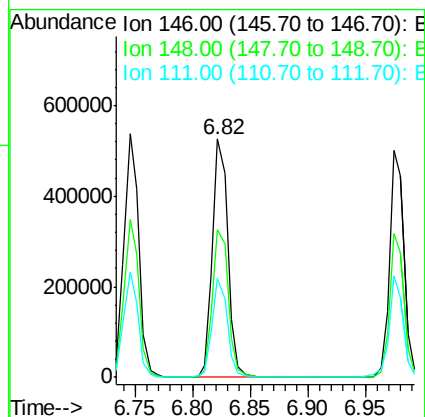
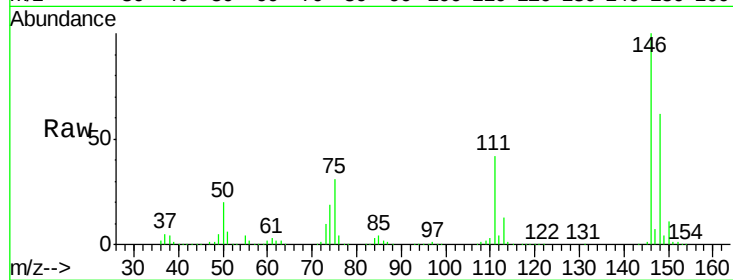
ClientSampleId :

PB105093BS

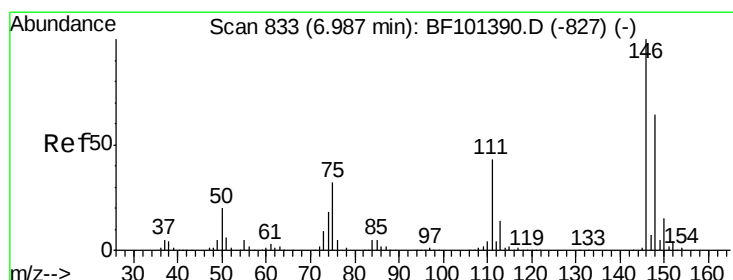
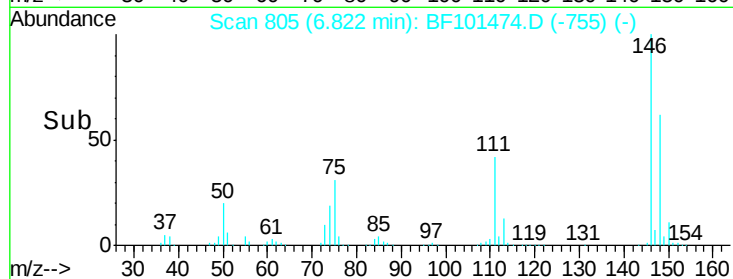
Tgt Ion:	146	Resp:	494096
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.8	76.2
111	41.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 34.658 ng

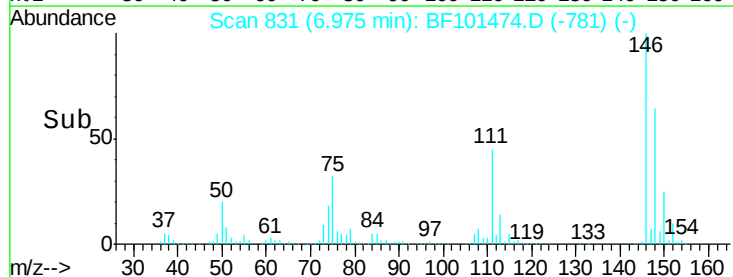
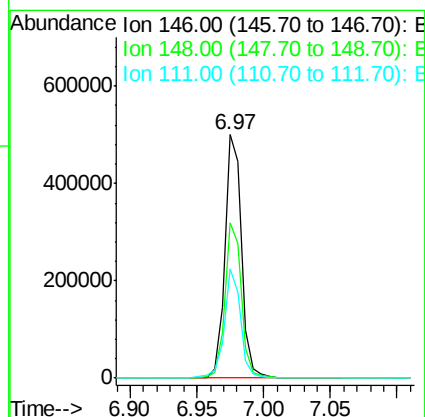
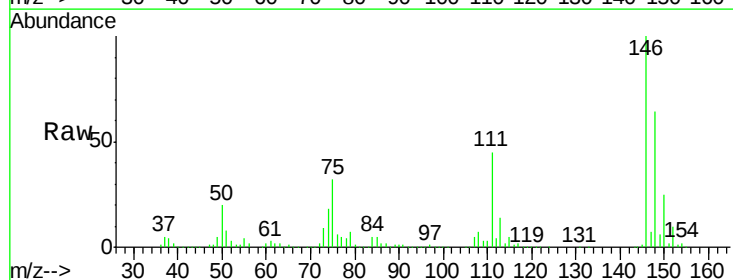
RT: 6.97 min Scan# 831

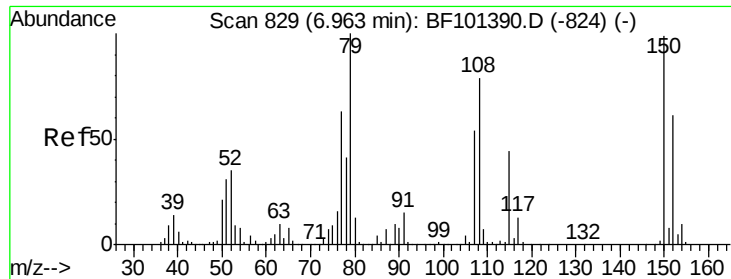
Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion:	146	Resp:	439930
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	44.6	36.0	54.0





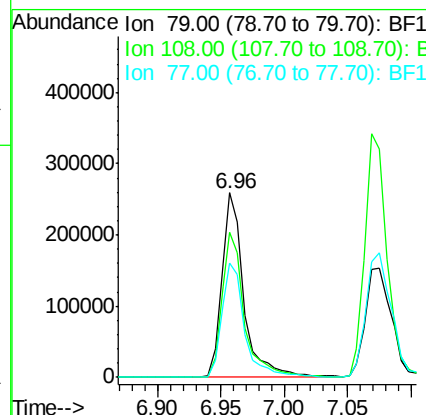
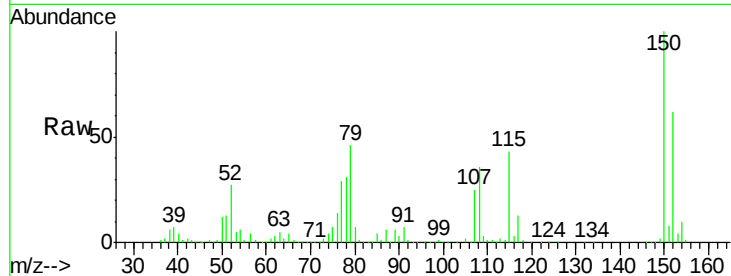
#15
Benzyl Alcohol
Concen: 31.739 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

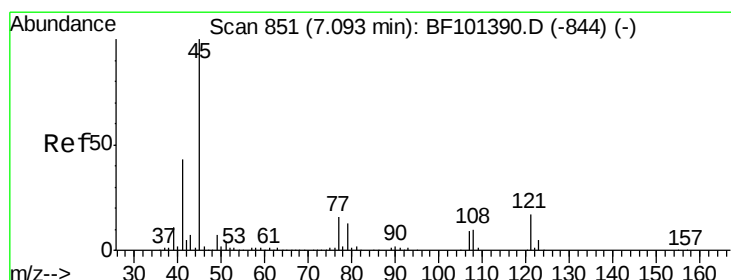
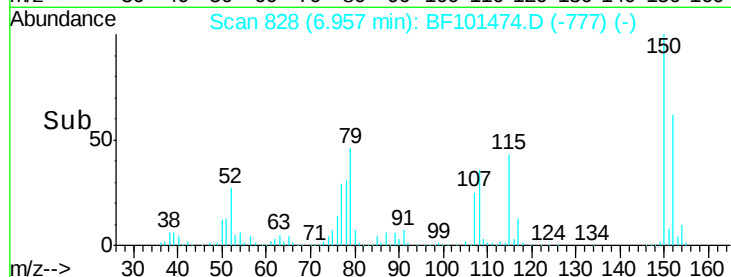
Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
108	78.7	65.1	97.7	
77	62.3	50.6	75.8	

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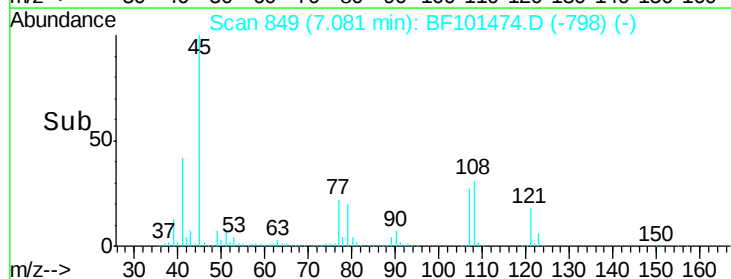
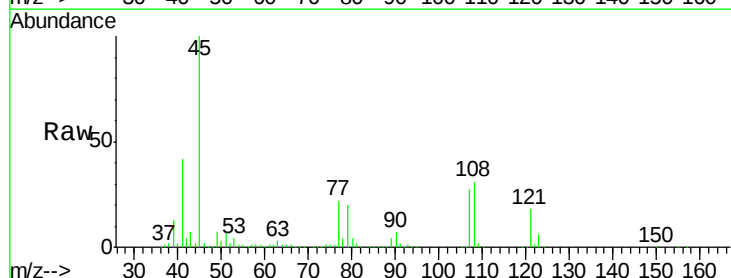
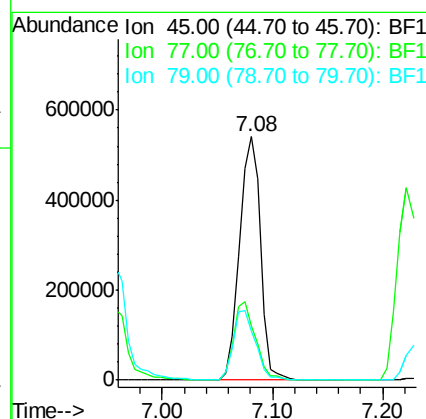


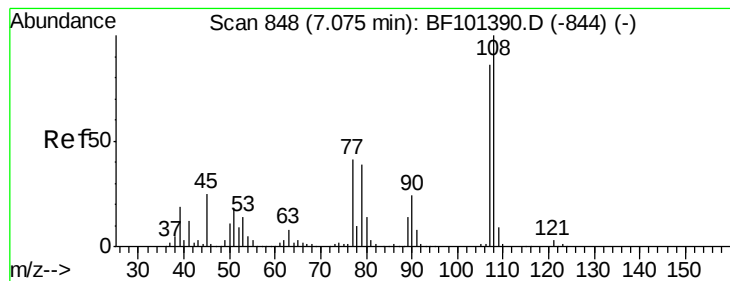
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.421 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	22.3	0.0	32.9	
79	20.2	0.0	29.6	





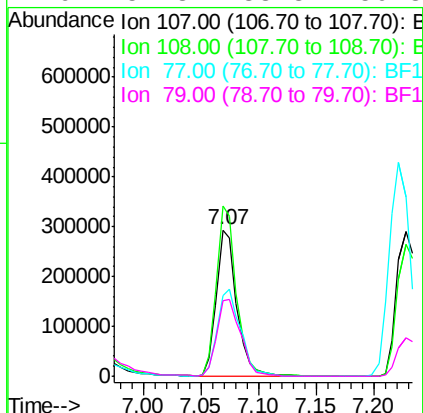
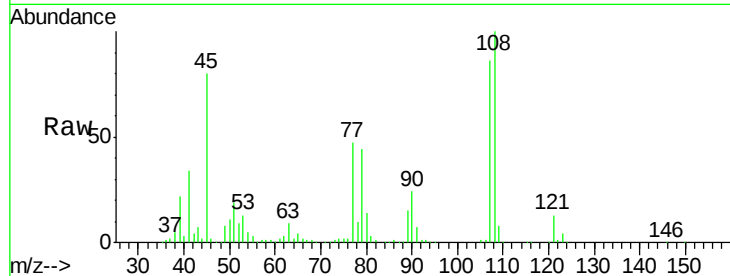
#17
2-Methylphenol
Concen: 31.886 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

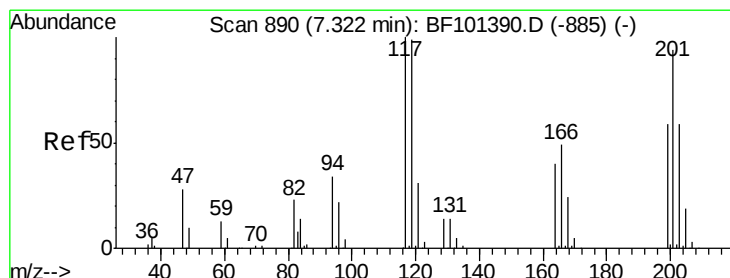
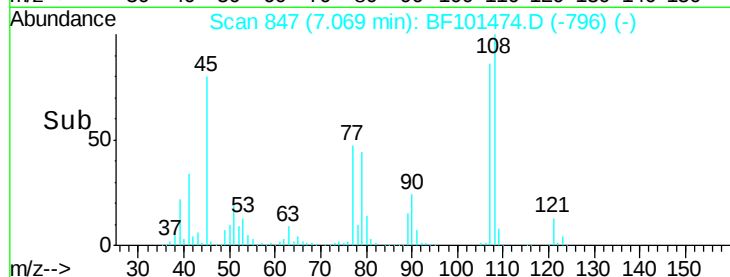
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	358874		
108	116.3	91.7	137.5	
77	55.1	33.8	50.8#	
79	51.3	33.8	50.8#	

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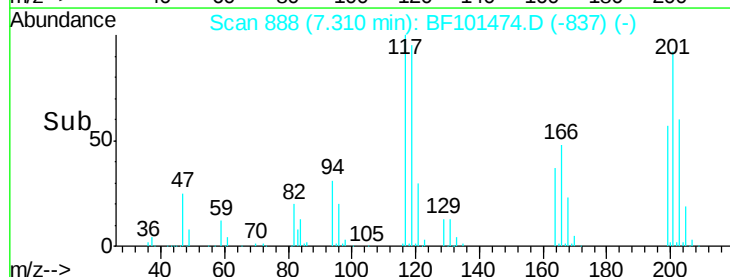
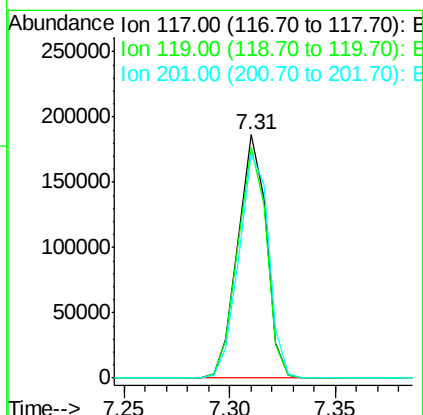
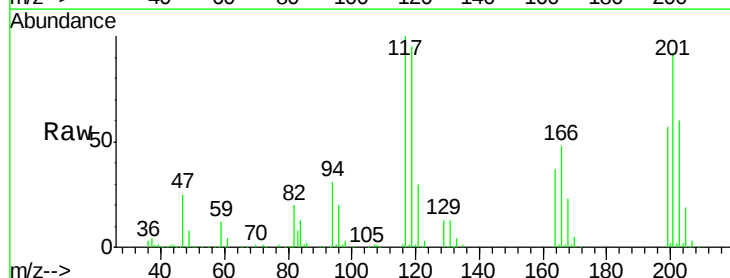


12/19/2017 4:49:23 PM



#18
Hexachloroethane
Concen: 35.463 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	173873		
119	94.8	75.8	113.8	
201	91.9	75.7	113.5	





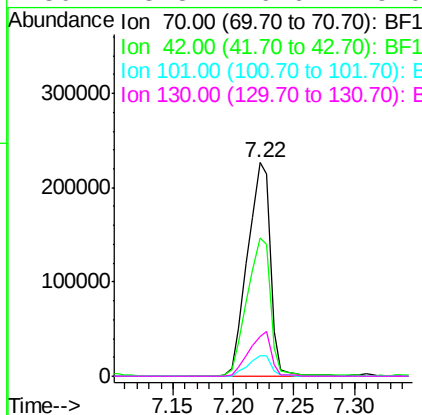
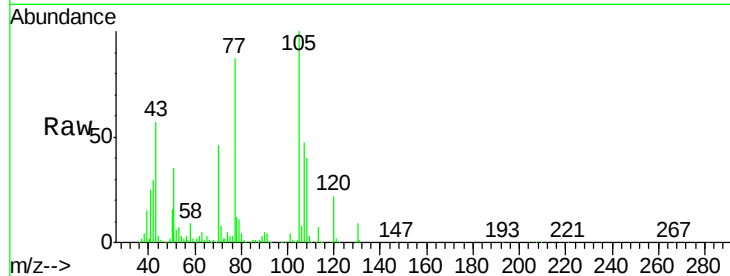
#19
n-Nitroso-di-n-propylamine
Concen: 31.858 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

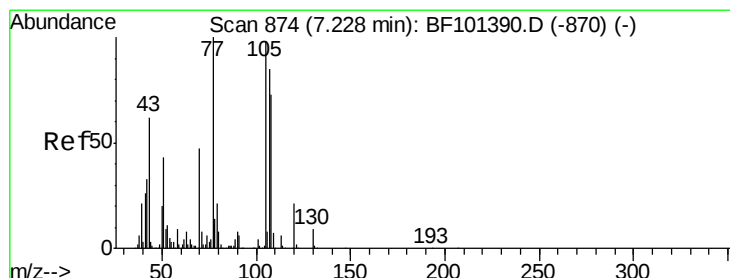
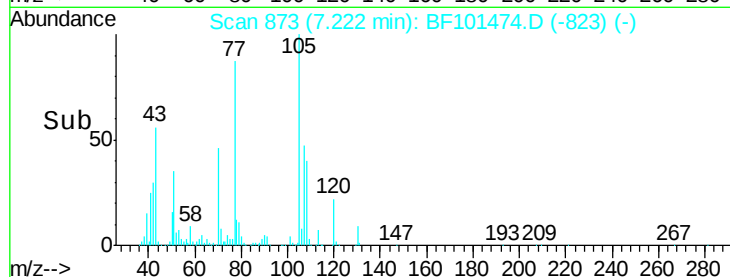
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	302863		
42	64.9	47.5	71.3	
101	9.3	7.4	11.2	
130	18.8	16.6	25.0	

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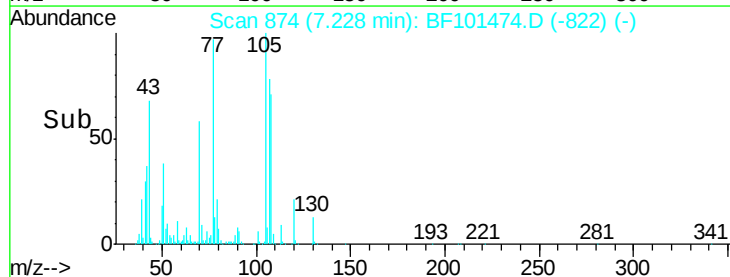
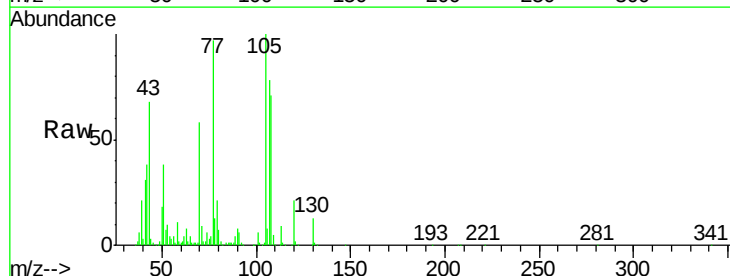
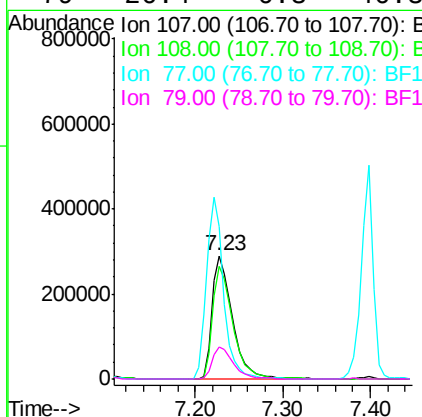


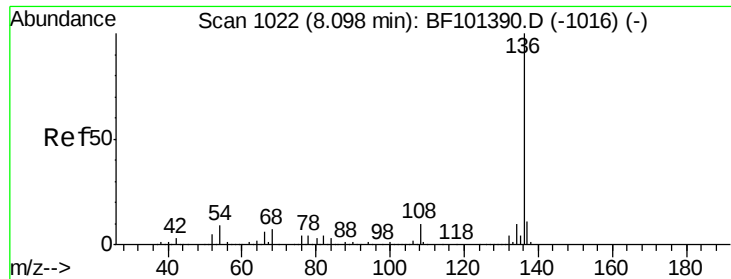
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#20
3+4-Methylphenols
Concen: 38.819 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	462982		
108	91.3	68.2	108.2	
77	123.7	26.7	66.7	
79	26.4	6.3	46.3	





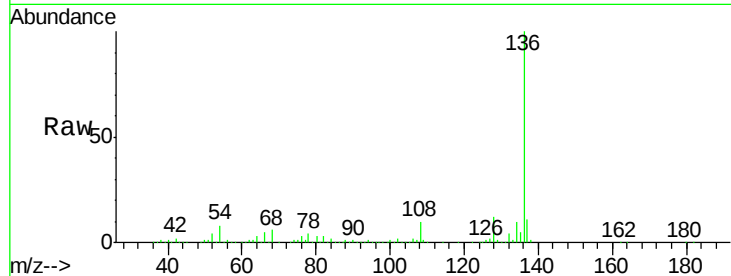
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

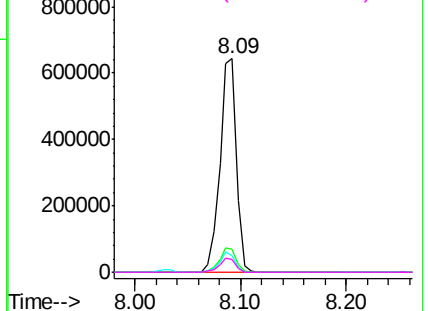
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	704999		
137	11.1	8.9	13.3	
54	8.1	6.6	9.8	
68	6.2	5.0	7.4	

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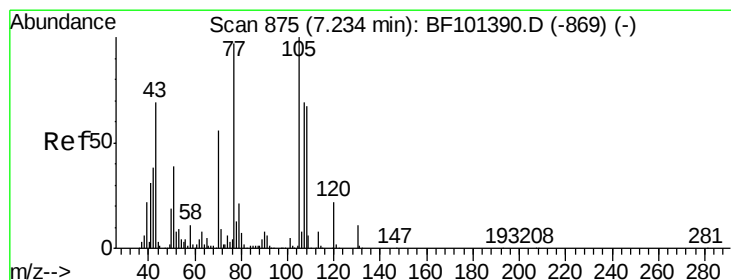
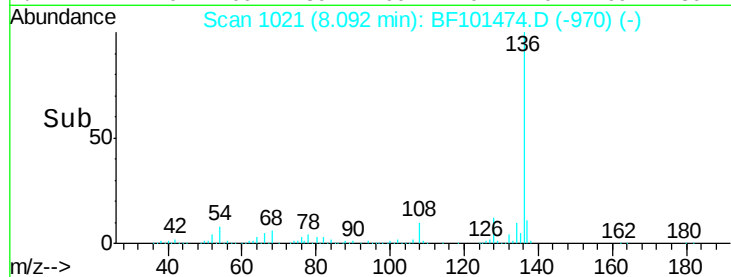
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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



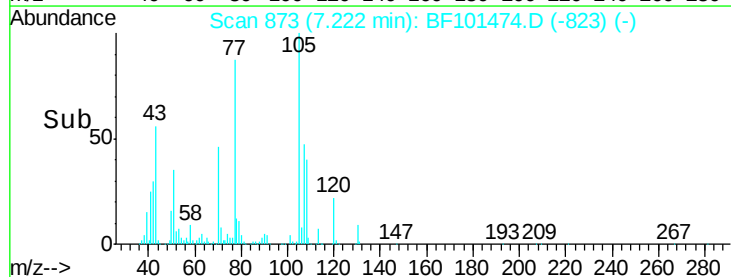
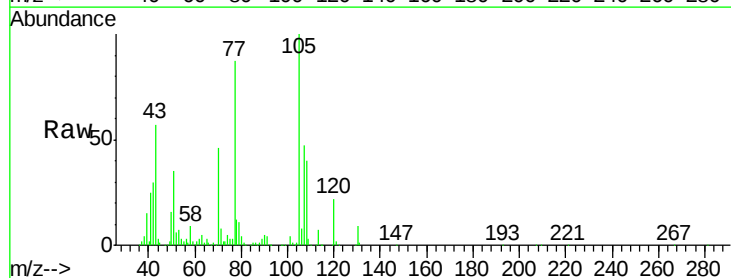
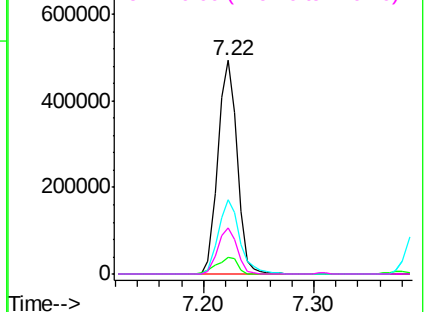
12/19/2017 4:49:23 PM

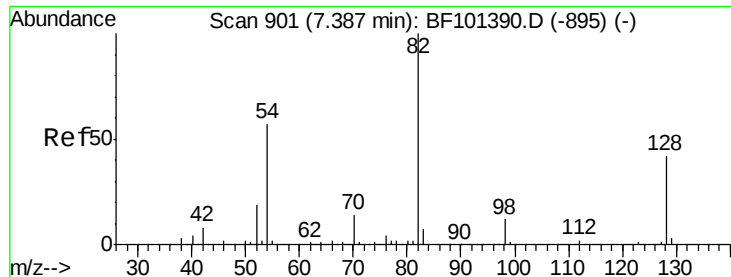


#22
Acetophenone
Concen: 37.284 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	599773		
71	7.8	4.4	6.6#	
51	34.9	22.3	33.5#	
120	21.5	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.399 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

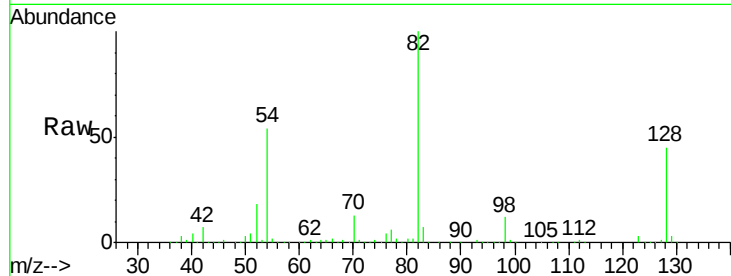
ClientSampled :

PB105093BS

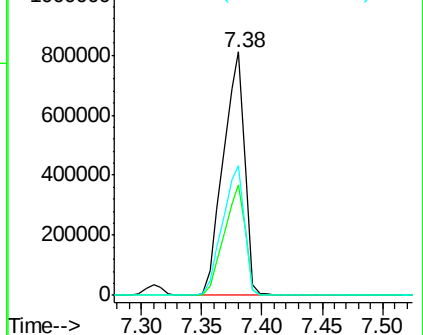
Tgt Ion:	82	Resp:	992917
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	53.5	41.4	62.2

Manual Integrations
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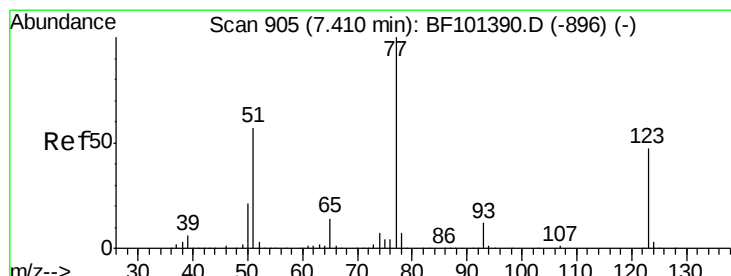
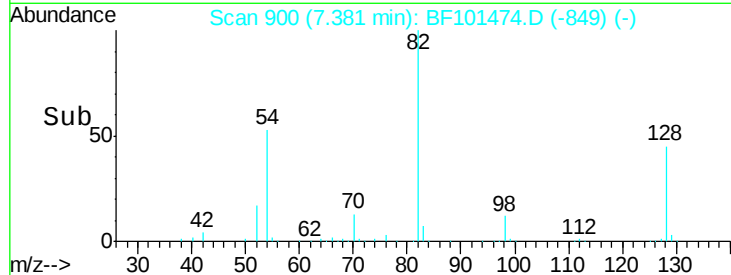
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



12/19/2017 4:49:23 PM



#24

Nitrobenzene

Concen: 33.947 ng

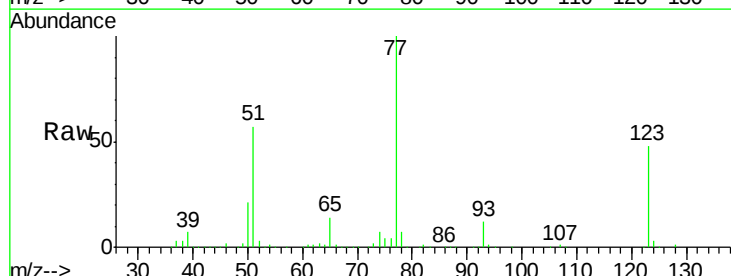
RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

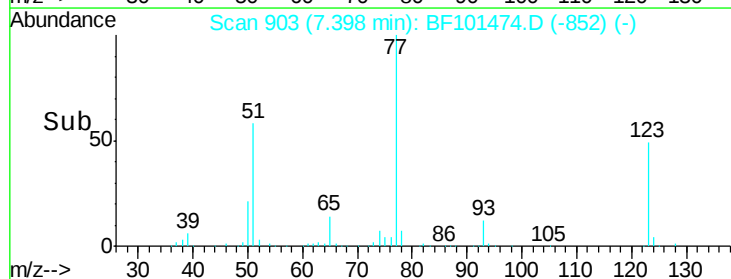
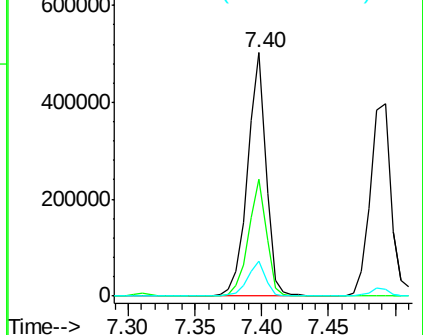
Lab File: BF101474.D

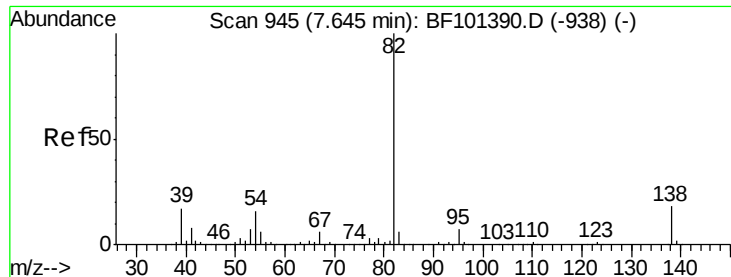
Acq: 18 Dec 2017 12:21

Tgt Ion:	77	Resp:	475828
Ion Ratio	Lower	Upper	
77	100		
123	47.9	37.9	56.9
65	14.2	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.284 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

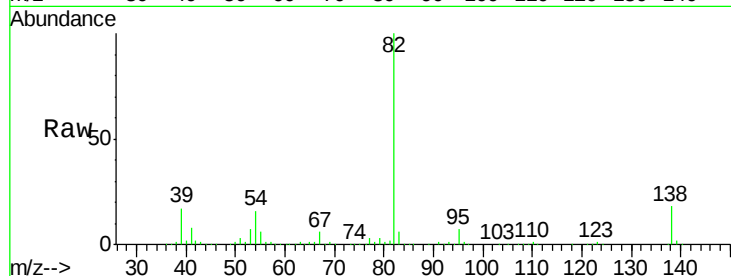
ClientSampleId :

PB105093BS

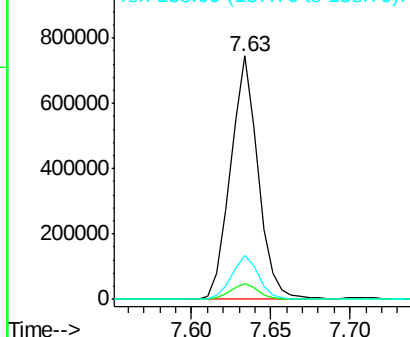
Tgt Ion:	82	Resp:	896446
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.1	14.9	22.3

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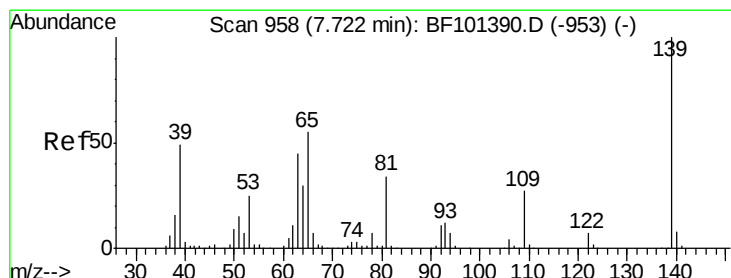
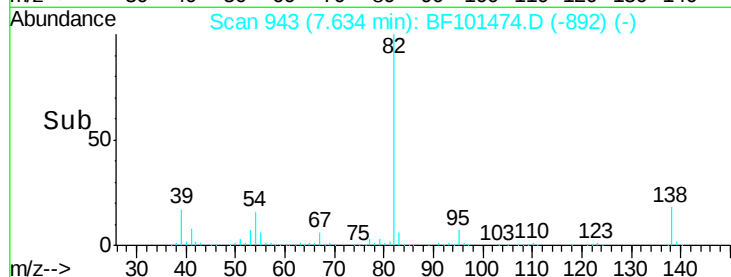
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12/19/2017 4:49:23 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



12/19/2017 4:49:23 PM



#26

2-Nitrophenol

Concen: 41.635 ng

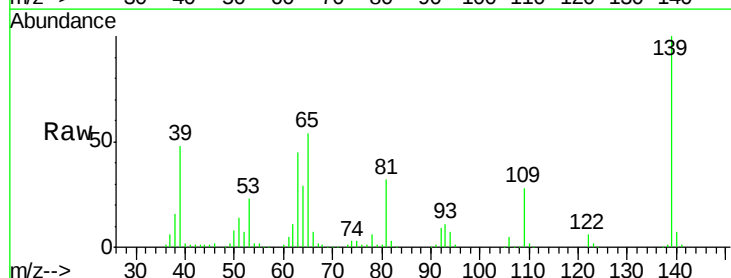
RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

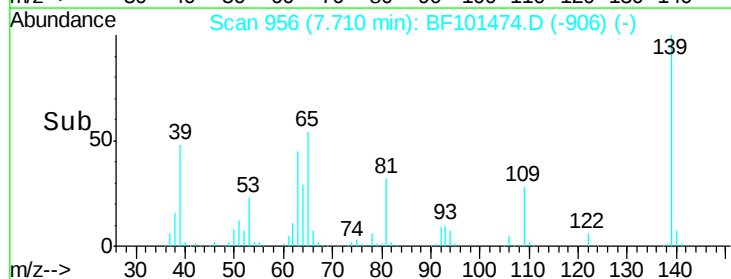
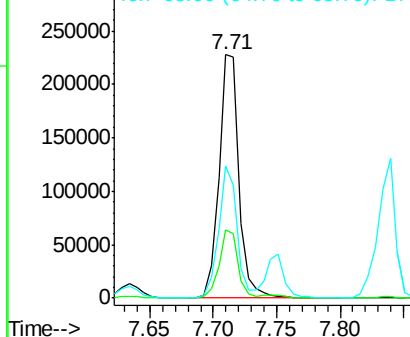
Lab File: BF101474.D

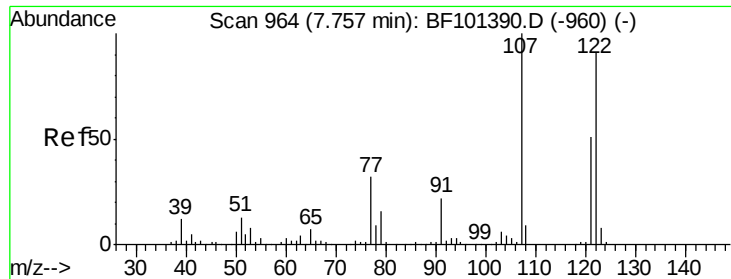
Acq: 18 Dec 2017 12:21

Tgt Ion:	139	Resp:	250719
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	54.4	40.5	60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





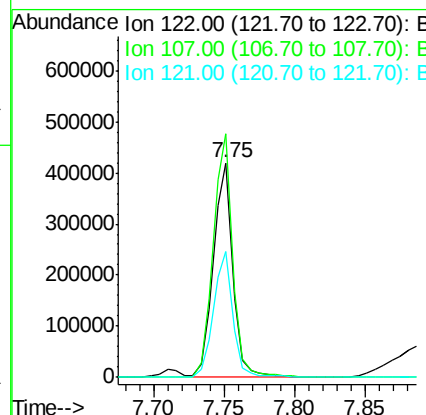
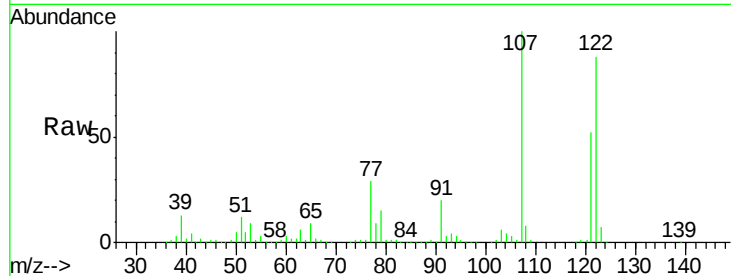
#27
2,4-Dimethylphenol
Concen: 39.175 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

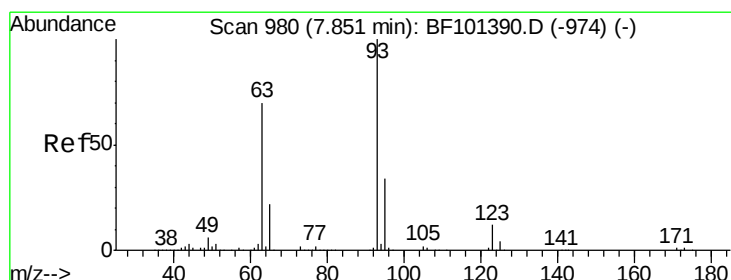
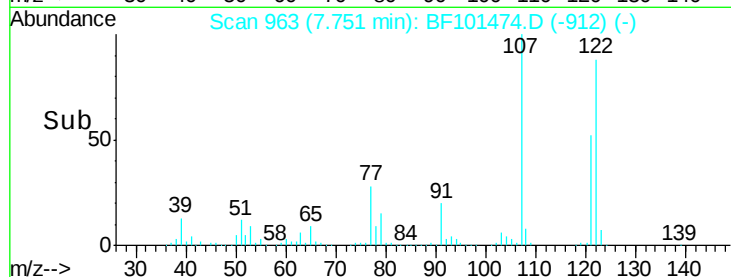
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	400777		
107	113.5	91.2	136.8	
121	58.6	47.2	70.8	

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12/19/2017 4:49:23 PM

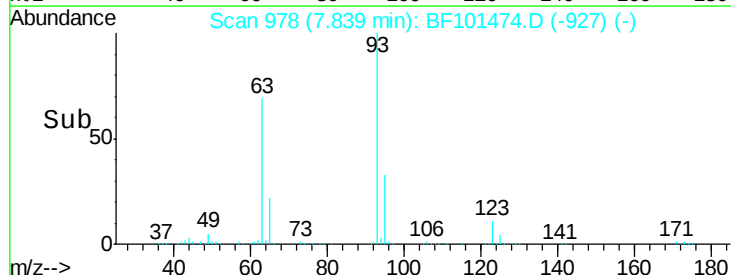
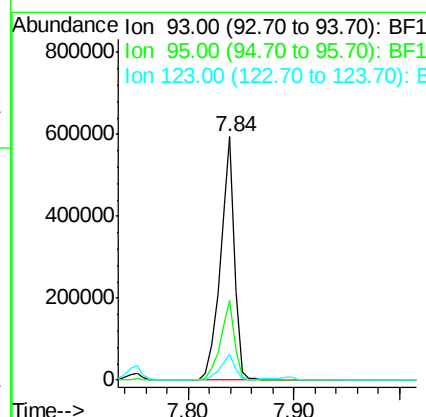
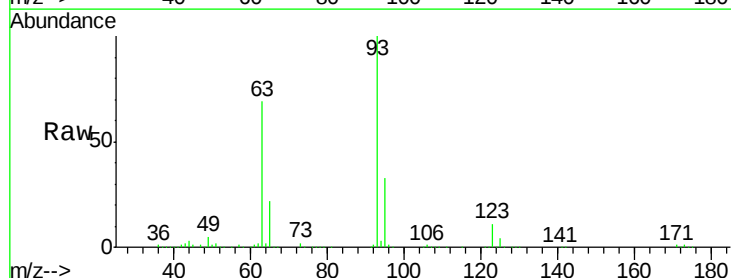


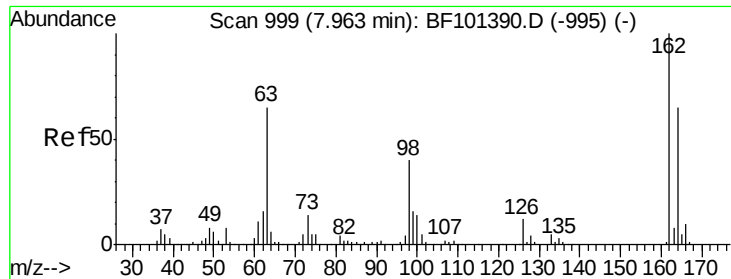
12/19/2017 4:49:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.961 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	564227		
95	32.6	26.3	39.5	
123	10.6	9.8	14.6	





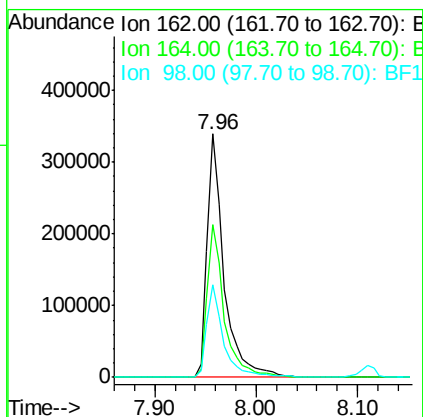
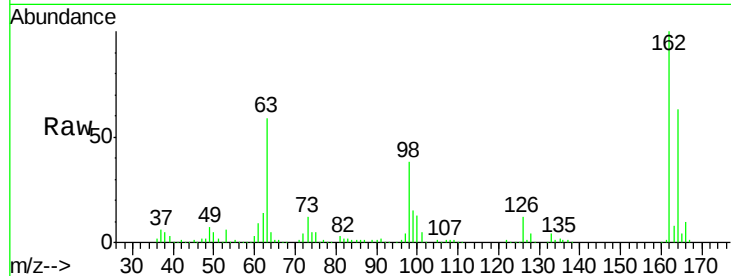
#29
2,4-Dichlorophenol
Concen: 38.687 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

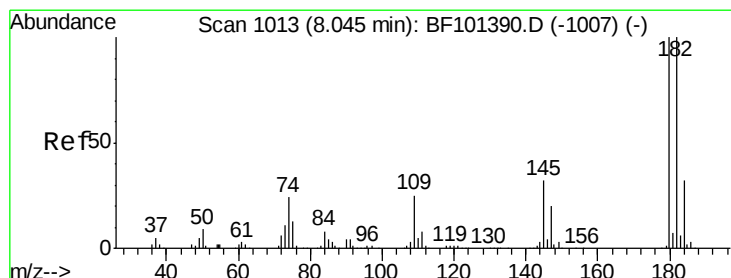
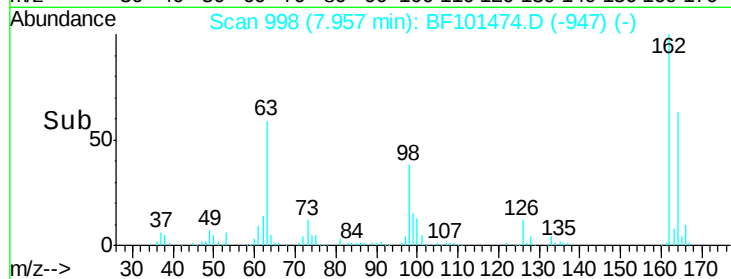
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	391014		
164	62.8	42.7	82.7	
98	37.9	18.1	58.1	

Manual Integrations
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12/19/2017 4:49:23 PM

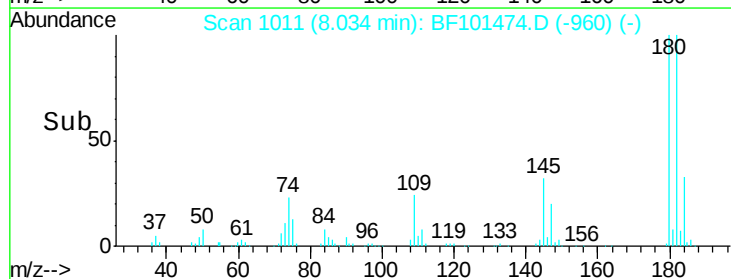
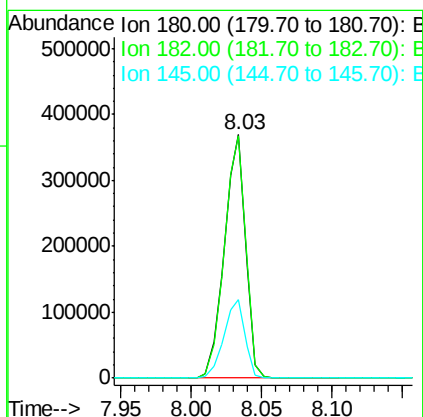
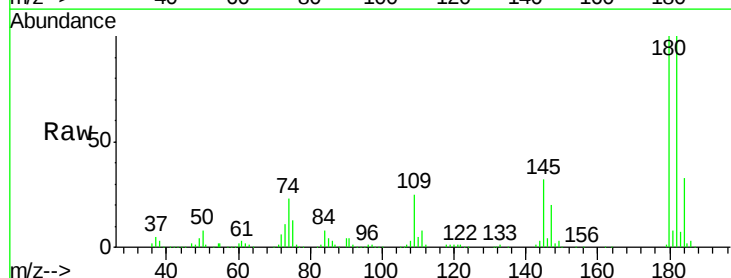


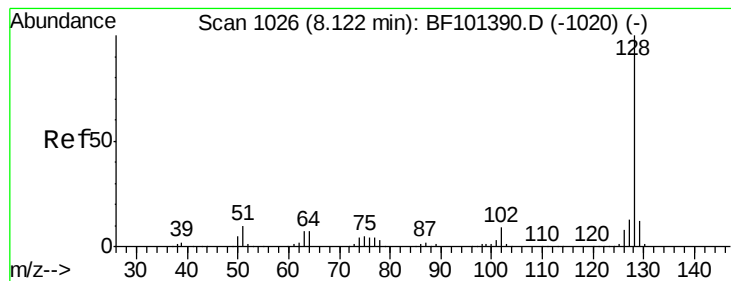
12/19/2017 4:49:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.073 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	384762		
182	99.5	76.8	115.2	
145	32.3	26.5	39.7	





#31

Naphthalene

Concen: 34.808 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

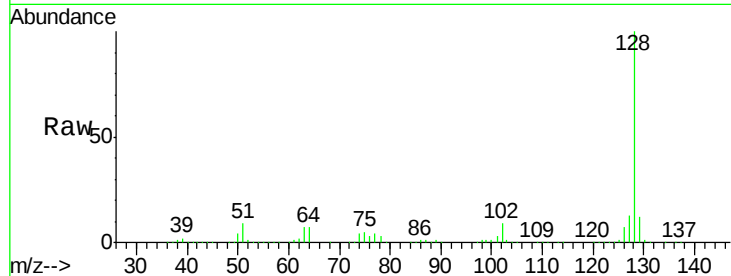
ClientSampleId :

PB105093BS

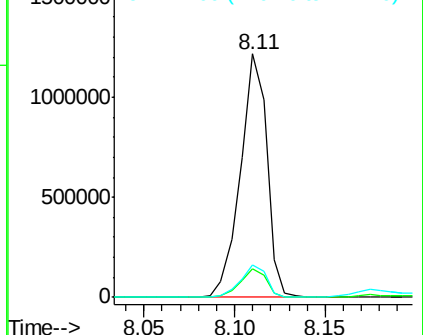
Tgt Ion:	128	Resp:	1235421
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.4	10.9	16.3

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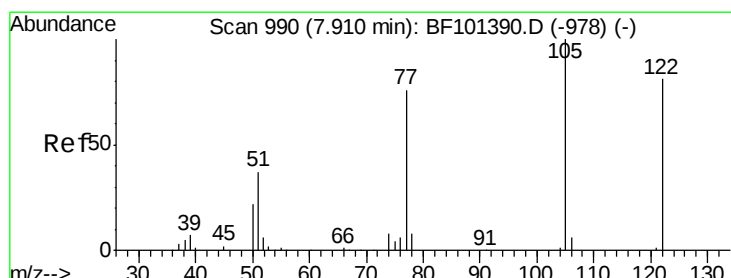
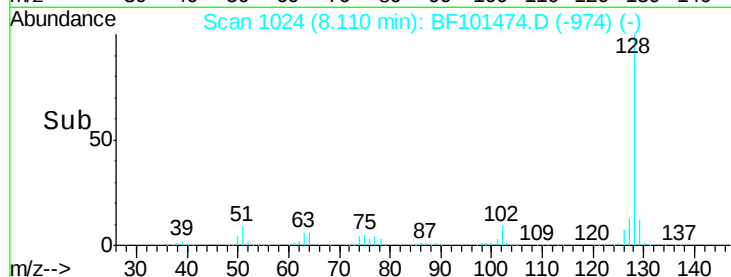
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12/19/2017 4:49:23 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



12/19/2017 4:49:23 PM



#32

Benzoic acid

Concen: 26.041 ng

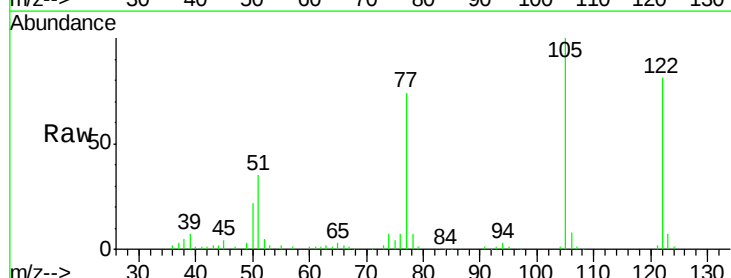
RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

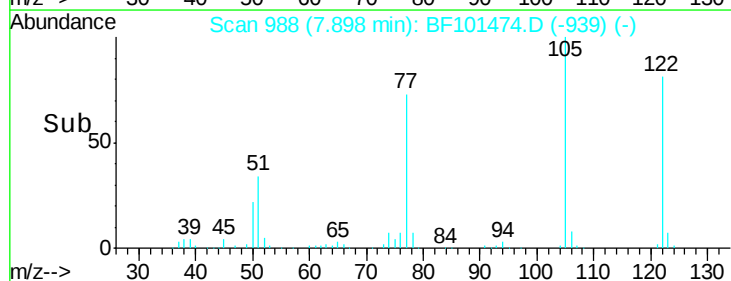
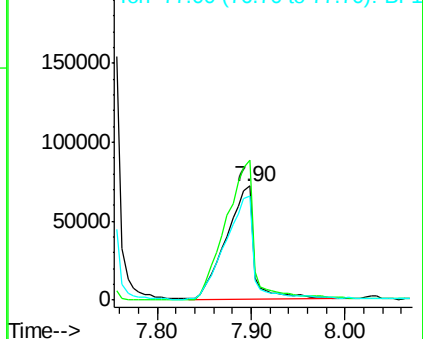
Lab File: BF101474.D

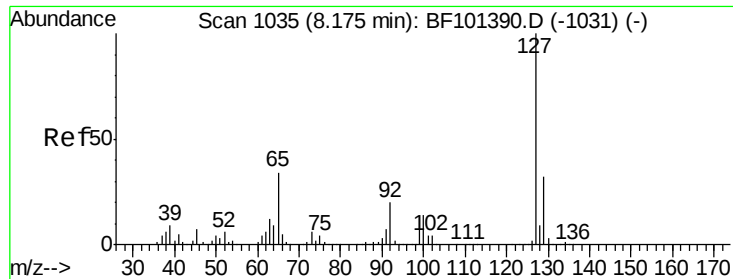
Acq: 18 Dec 2017 12:21

Tgt Ion:	122	Resp:	149410
Ion	Ratio	Lower	Upper
122	100		
105	123.1	101.1	141.1
77	91.3	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





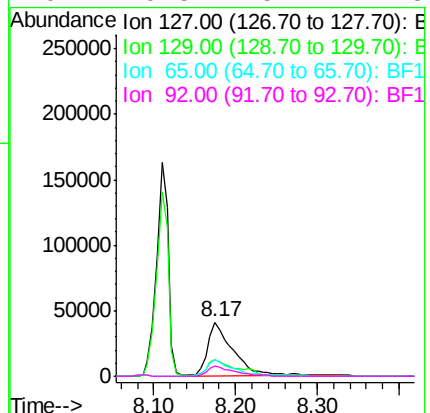
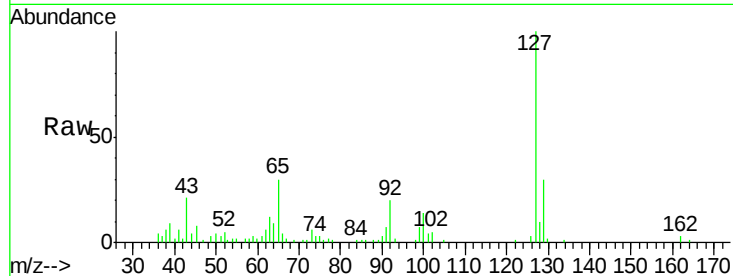
#33
4-Chloroaniline
Concen: 5.786 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

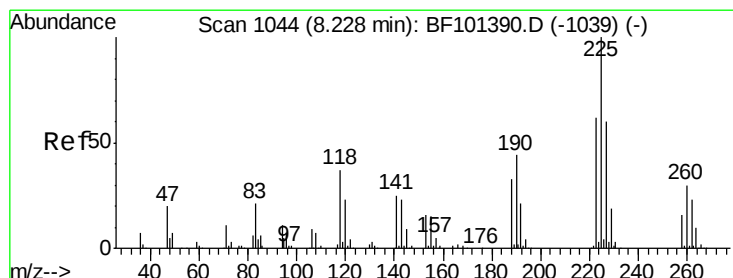
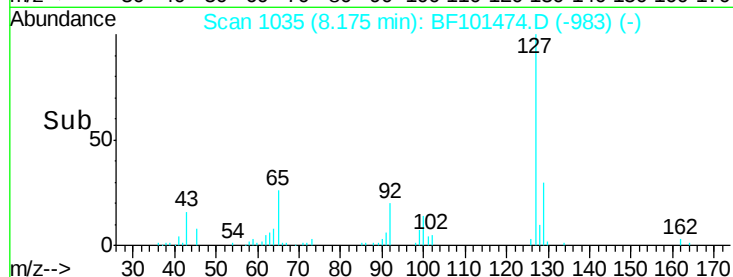
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	89261		
129	29.9	25.9	38.9	
65	30.3	25.0	37.4	
92	19.5	15.2	22.8	

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12/19/2017 4:49:23 PM

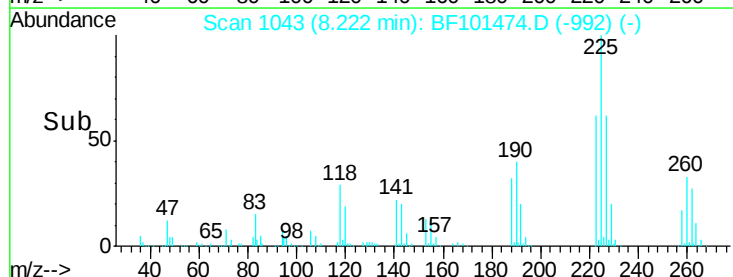
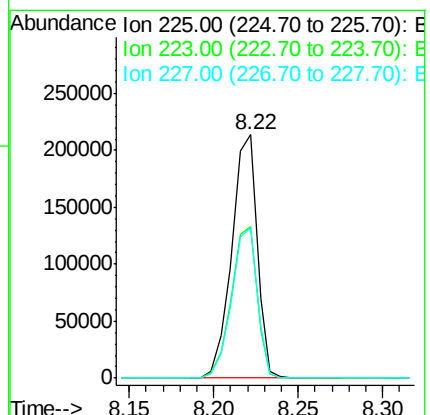
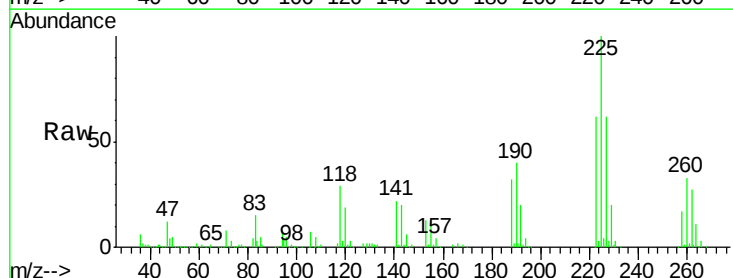


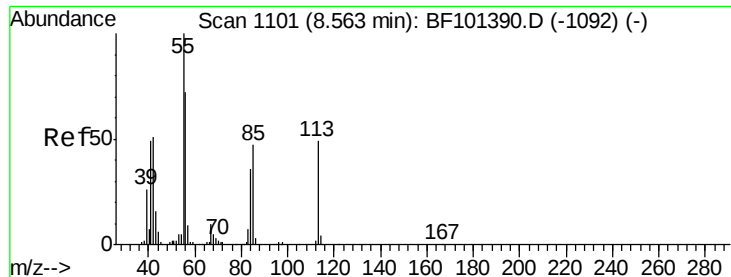
12/19/2017 4:49:23 PM



#34
Hexachlorobutadiene
Concen: 36.134 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	222911		
223	62.0	50.6	76.0	
227	61.9	51.9	77.9	





#35

Caprolactam

Concen: 38.742 ng m

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

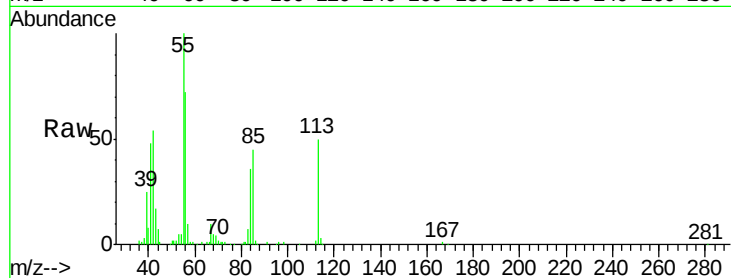
ClientSampled :

PB105093BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	135965		
55	199.0	163.3	203.3	
56	142.6	115.7	155.7	

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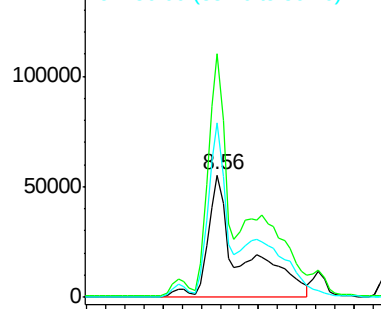
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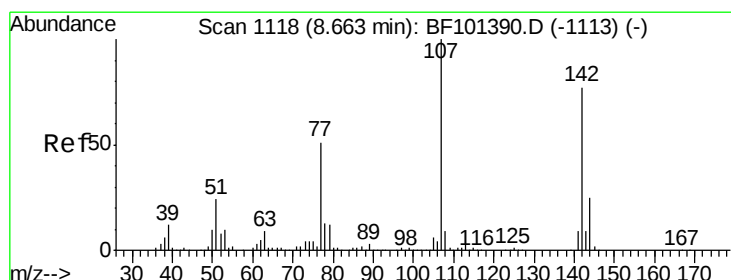
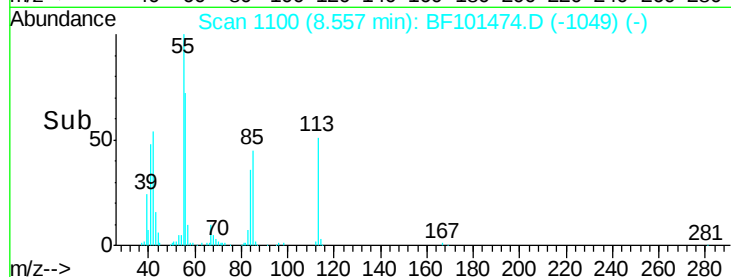
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



12/19/2017 4:49:23 PM



#36

4-Chloro-3-methylphenol

Concen: 35.966 ng

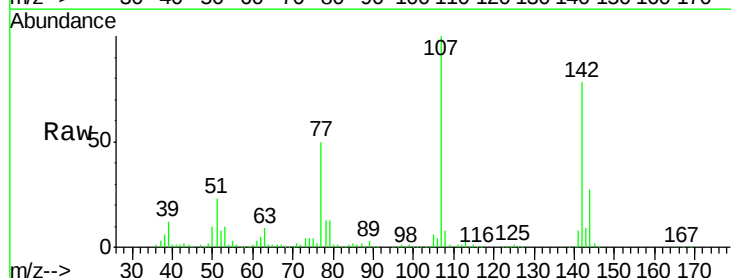
RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

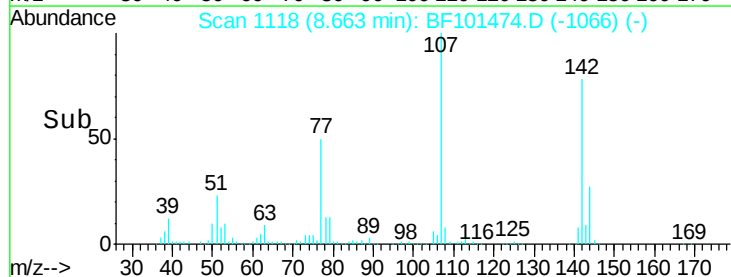
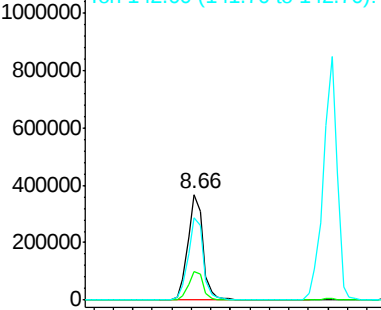
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	399543		
144	26.5	20.5	30.7	
142	78.1	62.0	93.0	

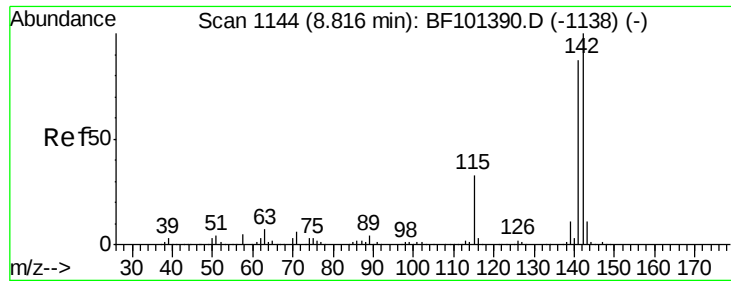


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





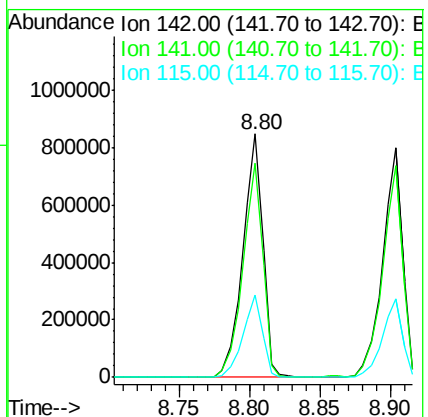
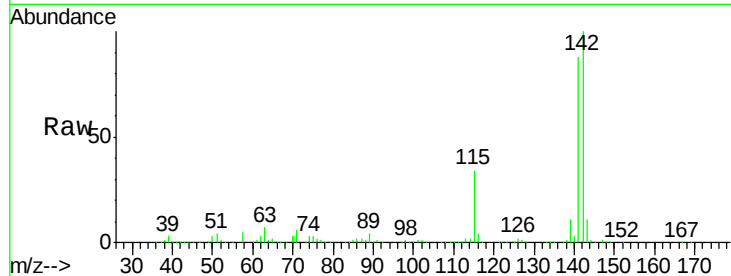
#37
2-Methylnaphthalene
Concen: 36.212 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

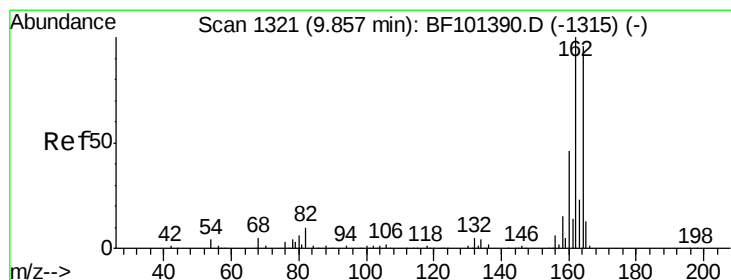
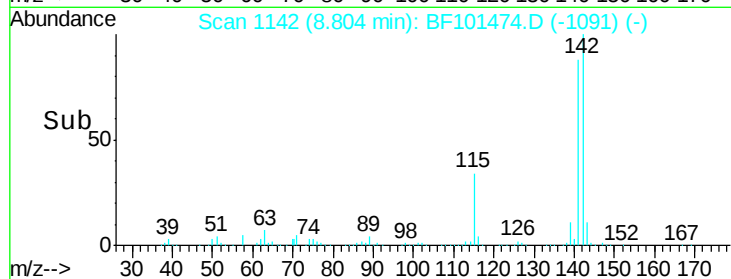
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	33.6	26.1	39.1

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12/19/2017 4:49:23 PM

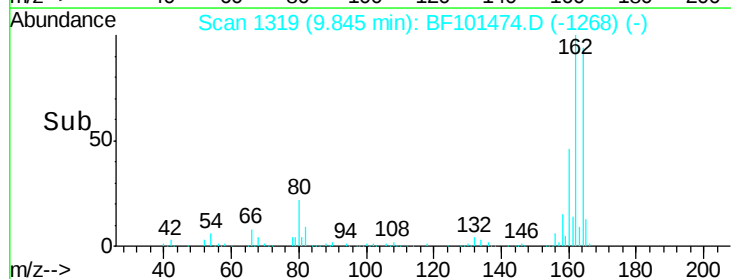
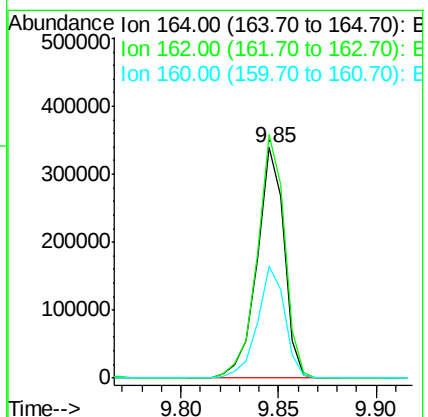
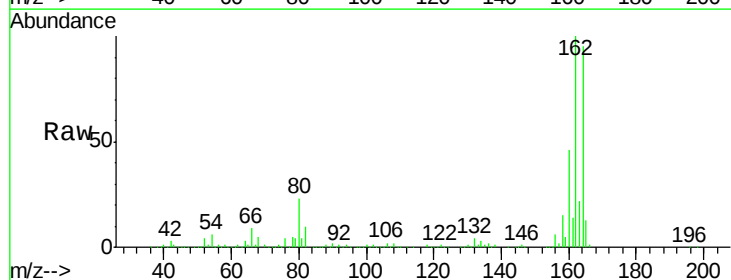


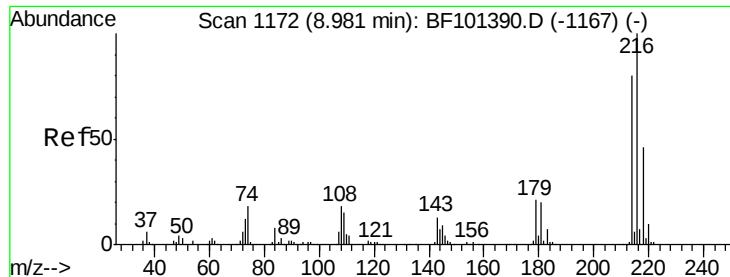
12/19/2017 4:49:23 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.5	38.3	57.5





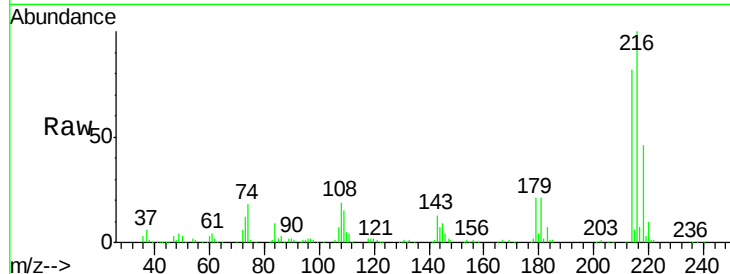
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.402 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

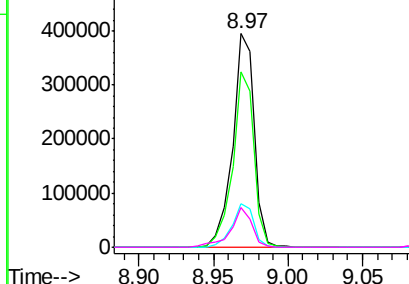
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	402147		
214	80.4	63.0	94.4	
179	20.5	18.1	27.1	
108	18.6	17.2	25.8	

Manual Integrations
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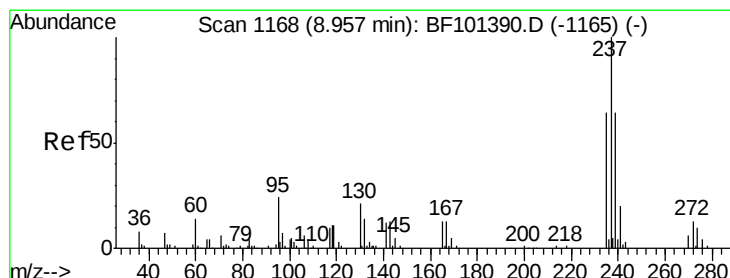
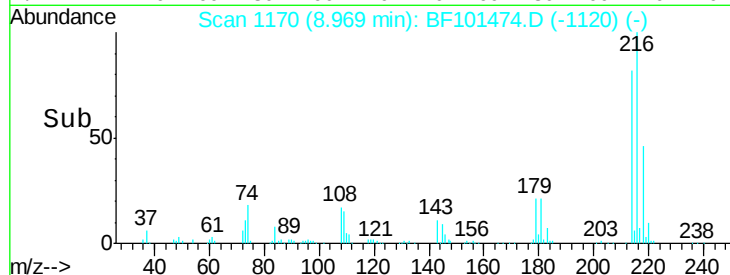
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Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

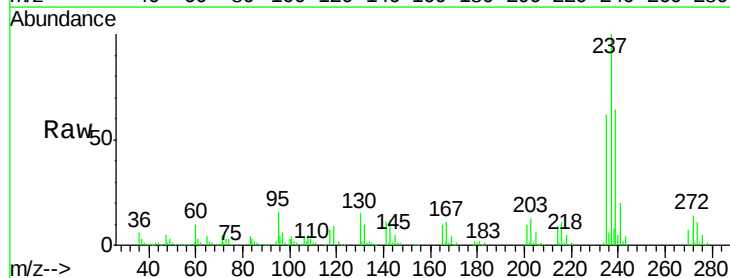


12/19/2017 4:49:23 PM

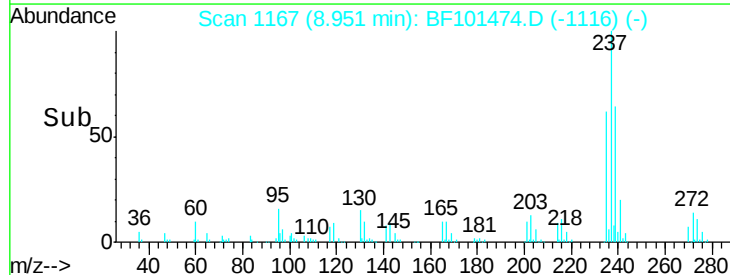
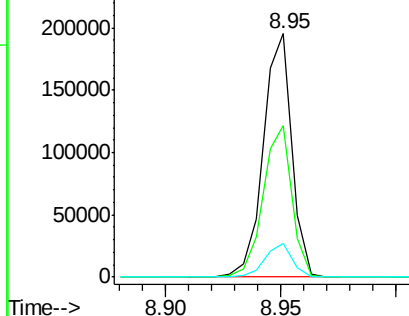


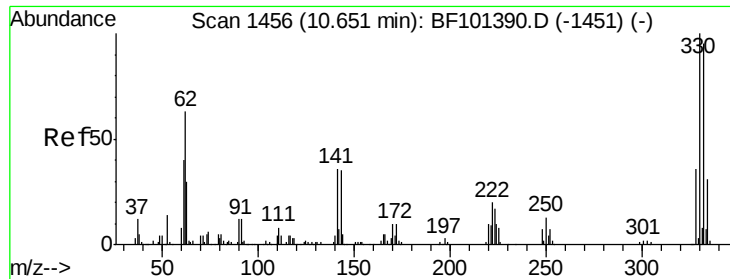
#40
 Hexachlorocyclopentadiene
 Concen: 73.100 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168012		
235	62.1	44.8	84.8	
272	14.0	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





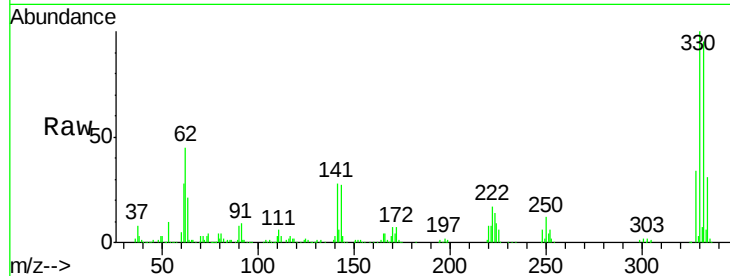
#41
 2,4,6-Tribromophenol
 Concen: 127.391 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

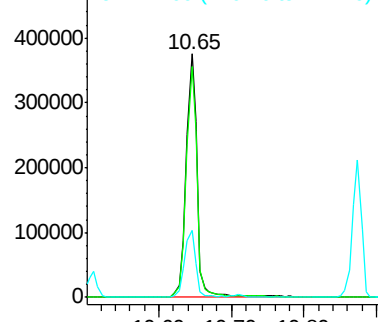
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	401655		
332	93.6	77.0	115.6	
141	28.6	29.9	44.9	

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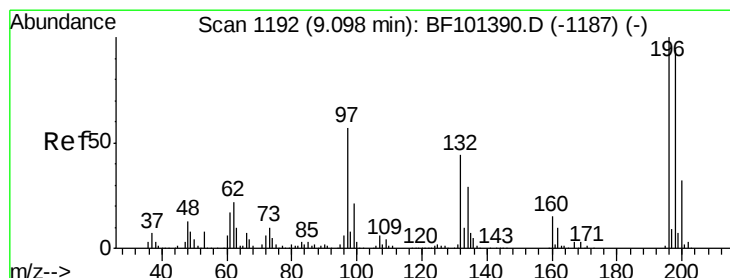
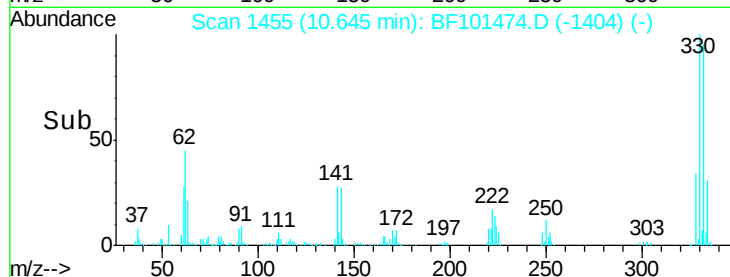
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 12/19/2017 4:49:23 PM



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

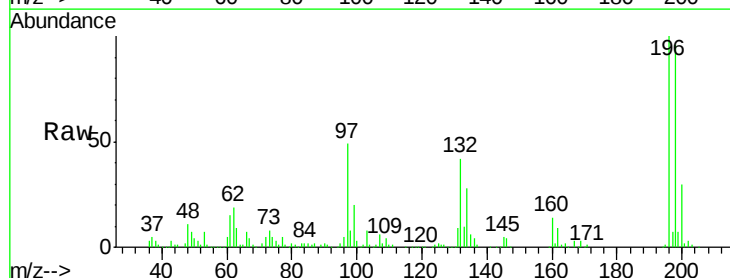


12/19/2017 4:49:23 PM

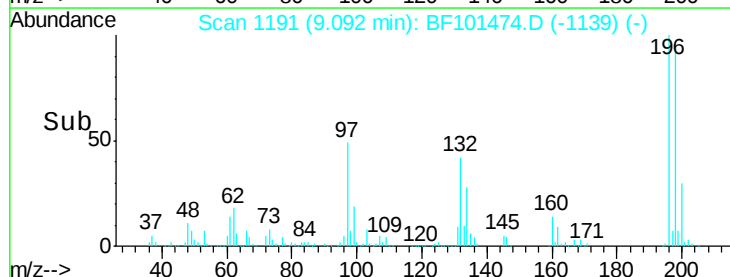
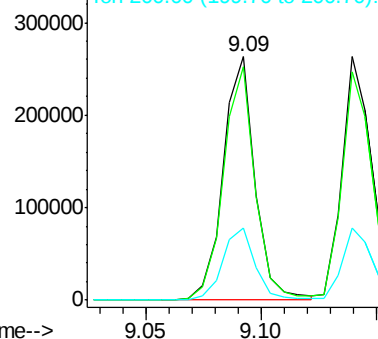


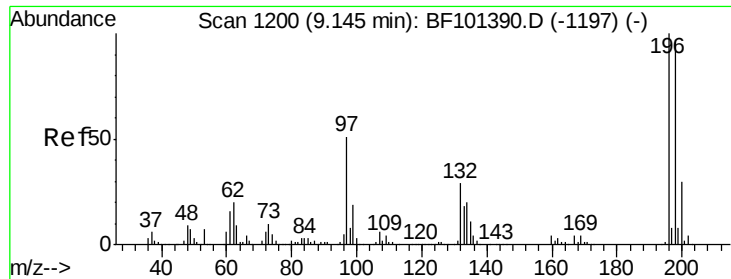
#42
 2,4,6-Trichlorophenol
 Concen: 38.163 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253818		
198	96.2	75.7	113.5	
200	29.7	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





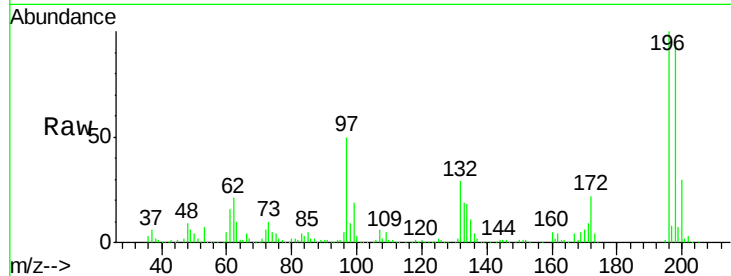
#43
 2,4,5-Trichlorophenol
 Concen: 36.061 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

Tgt Ion:	196	Resp:	262607
Ion Ratio	Lower	Upper	
196	100		
198	93.9	74.6	112.0
97	49.6	42.9	64.3
132	29.4	26.3	39.5

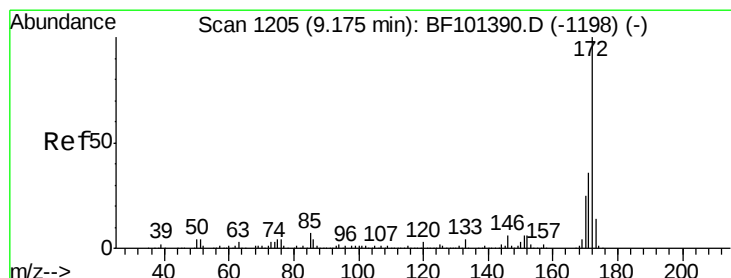
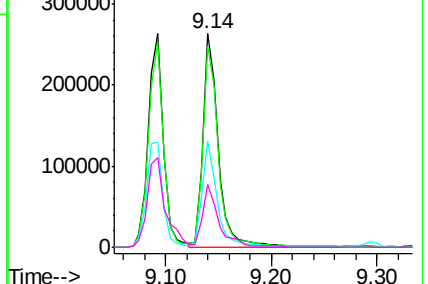
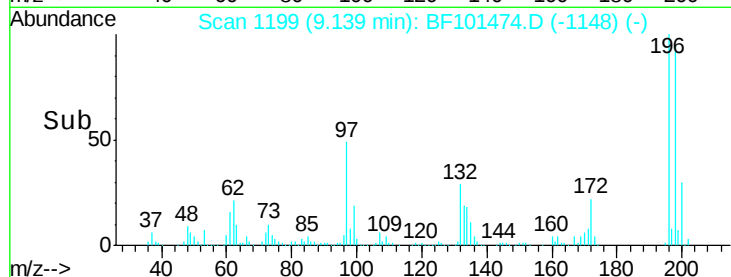
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 12/19/2017 4:49:23 PM



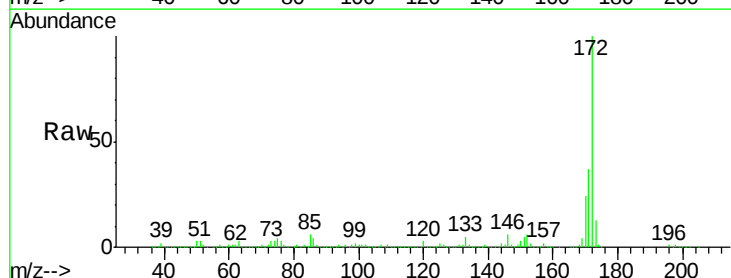
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

12/19/2017 4:49:23 PM

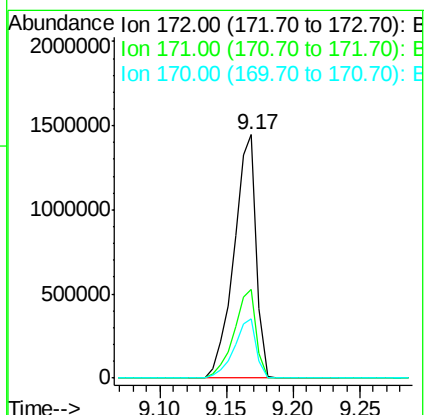
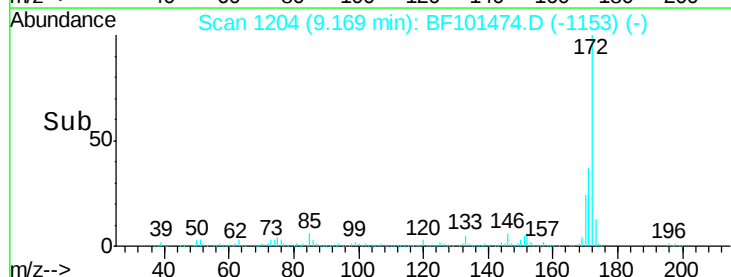


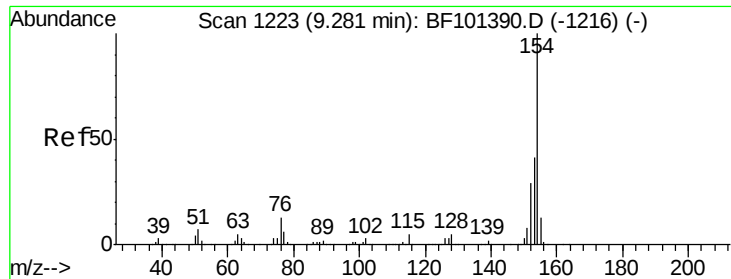
#44
 2-Fluorobiphenyl
 Concen: 79.681 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion:	172	Resp:	1680748
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





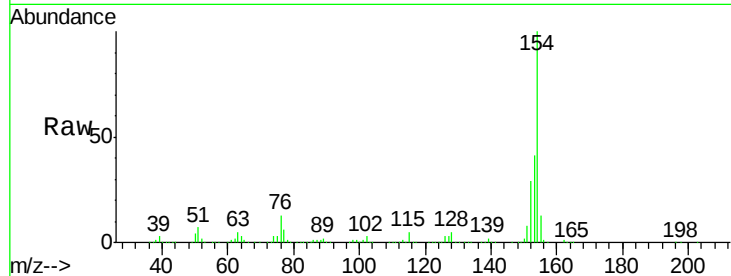
#45
 1,1'-Biphenyl
 Concen: 35.315 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

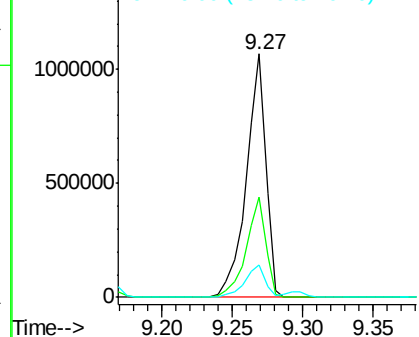
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.2	0.0	34.0

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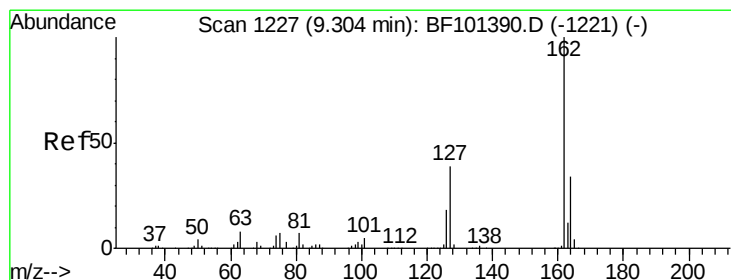
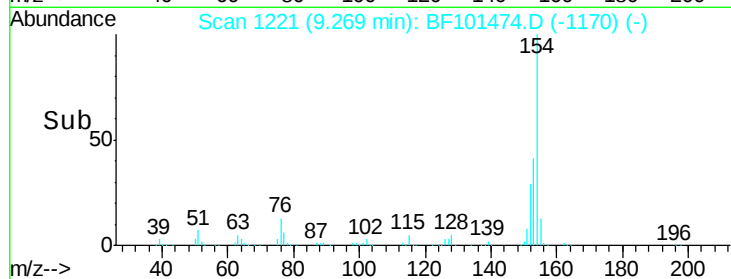
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Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

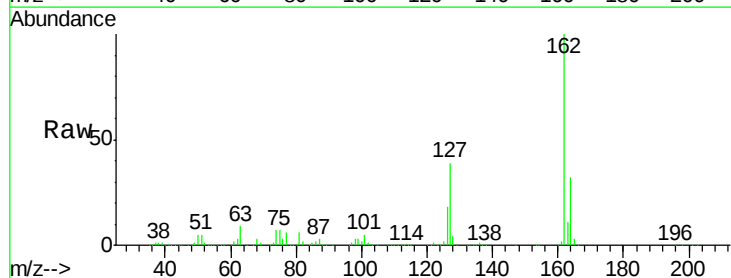


12/19/2017 4:49:23 PM

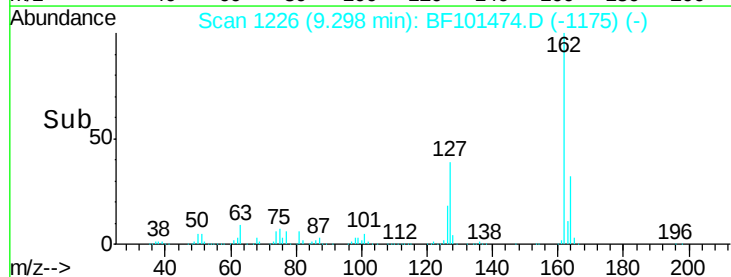
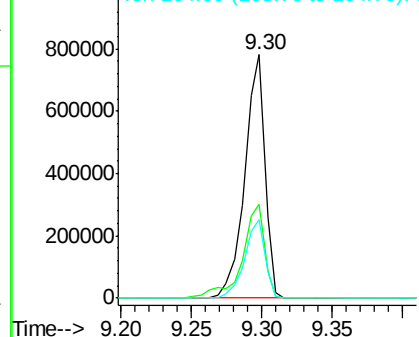


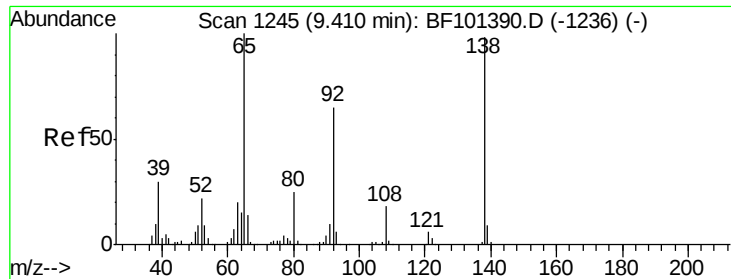
#46
 2-Chloronaphthalene
 Concen: 34.898 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	32.5	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





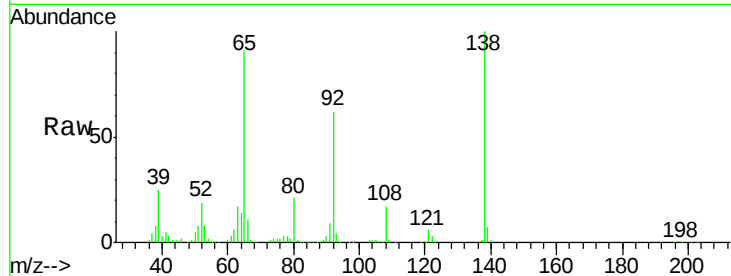
#47
2-Nitroaniline
Concen: 34.227 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

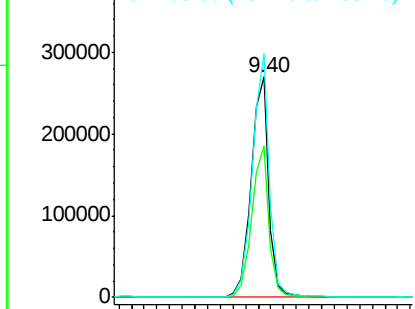
Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.8	83.6
138	110.5	91.2	136.8

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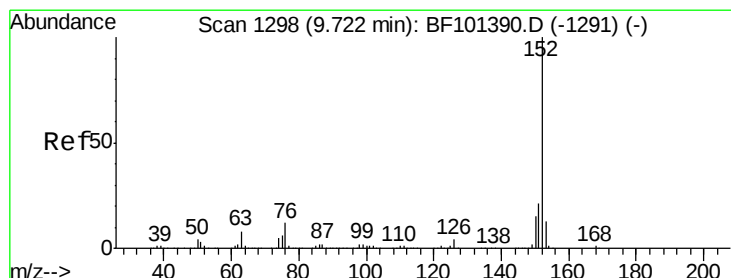
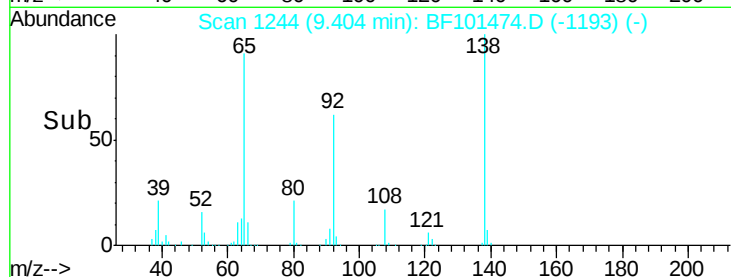
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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

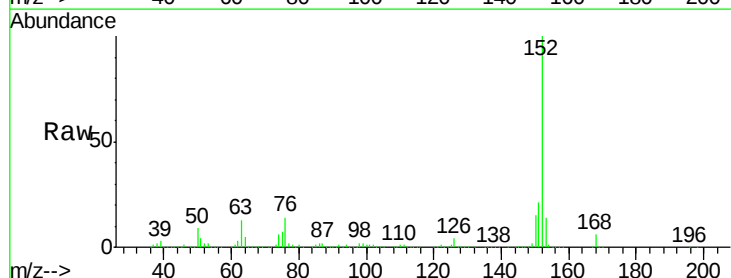


12/19/2017 4:49:23 PM

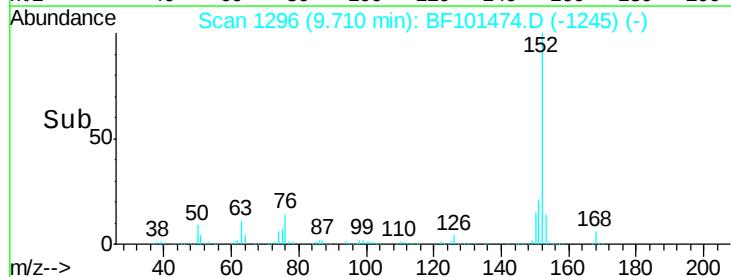
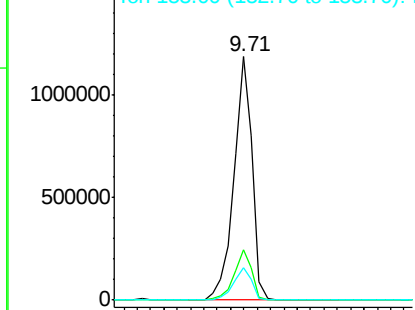


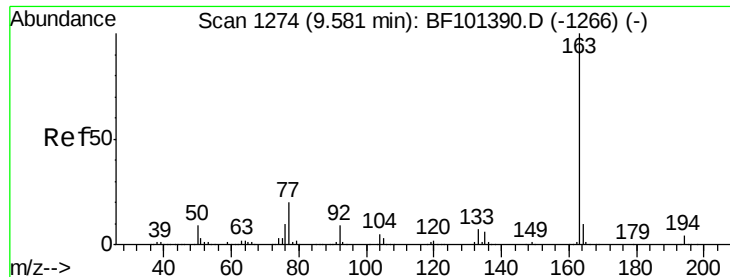
#48
Acenaphthylene
Concen: 32.411 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.5	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





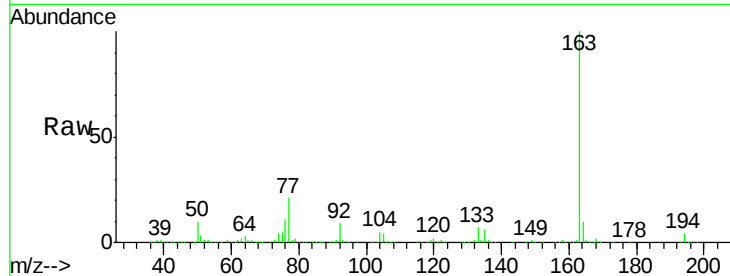
#49
Dimethylphthalate
Concen: 34.120 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

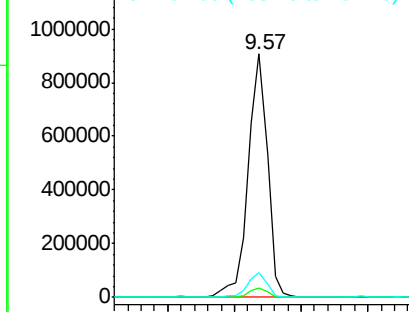
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	898036		
194	3.7	2.7	4.1	
164	10.2	8.2	12.2	

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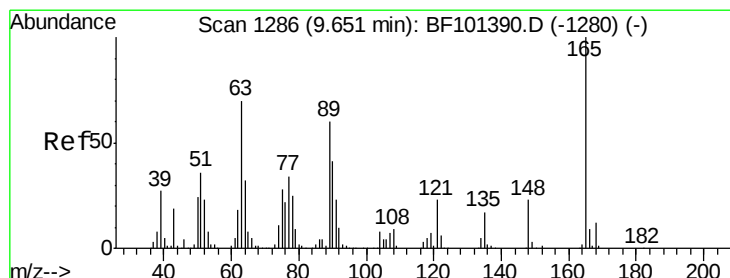
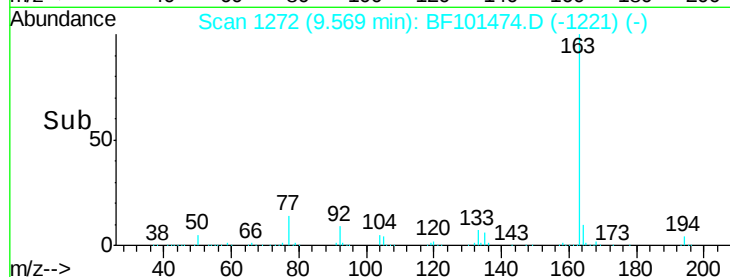
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12/19/2017 4:49:23 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

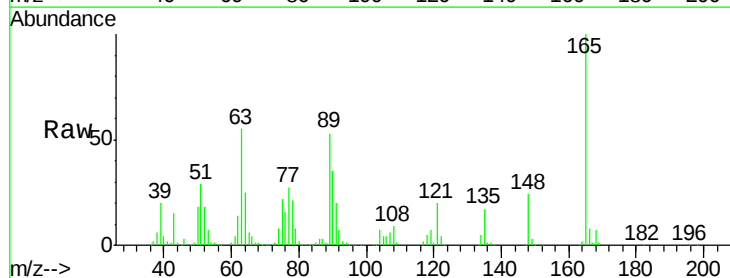


12/19/2017 4:49:23 PM

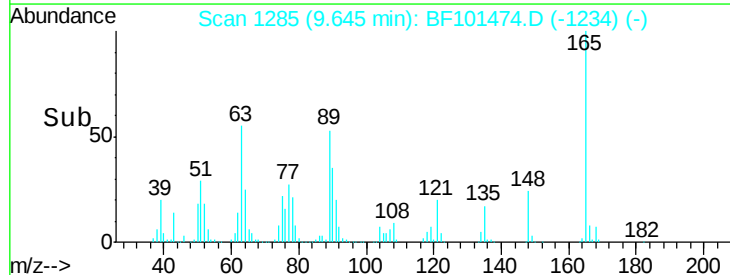
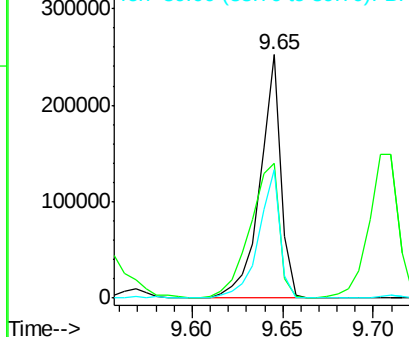


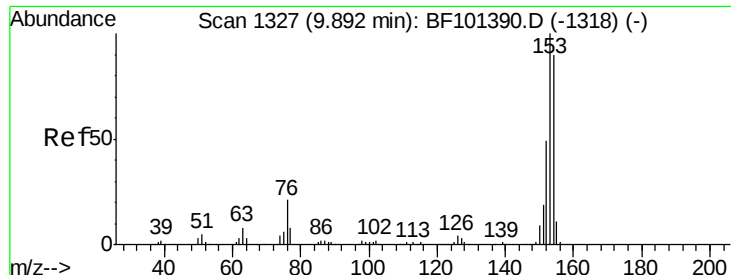
#50
2,6-Dinitrotoluene
Concen: 37.857 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202509		
63	55.2	44.7	67.1	
89	52.5	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 33.485 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

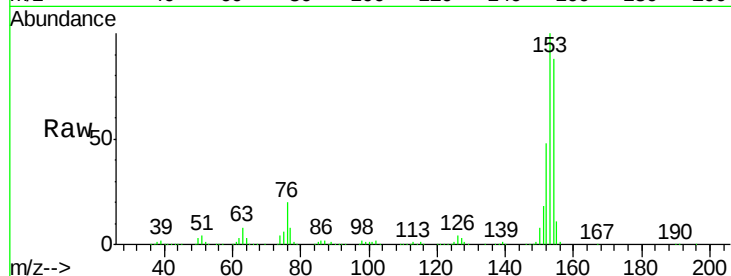
ClientSampleId :

PB105093BS

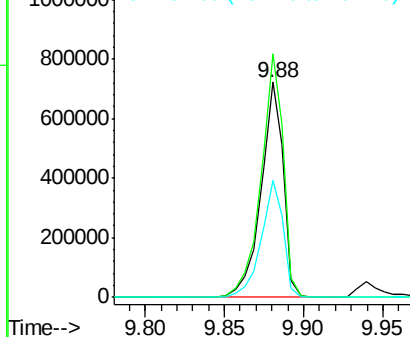
Tgt Ion:	154	Resp:	705541
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	54.3	43.8	65.8

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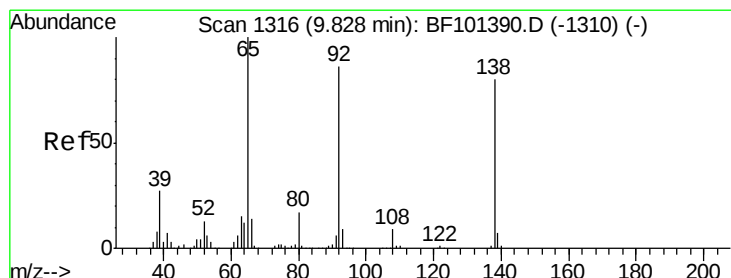
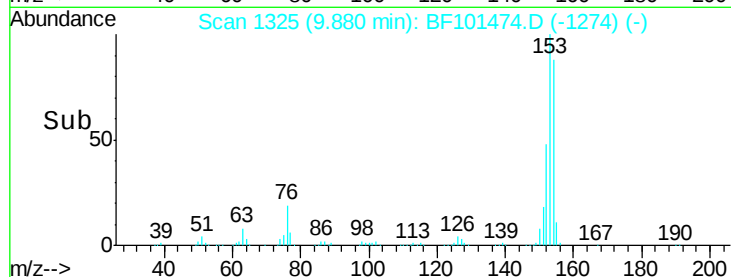
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



12/19/2017 4:49:23 PM



#52

3-Nitroaniline

Concen: 13.160 ng

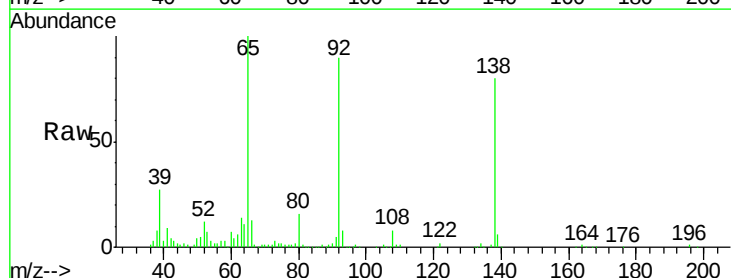
RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

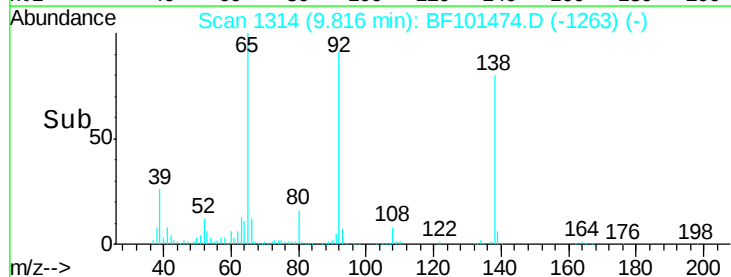
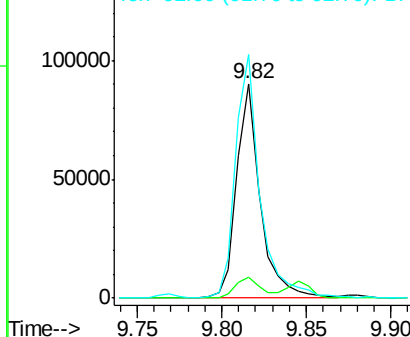
Lab File: BF101474.D

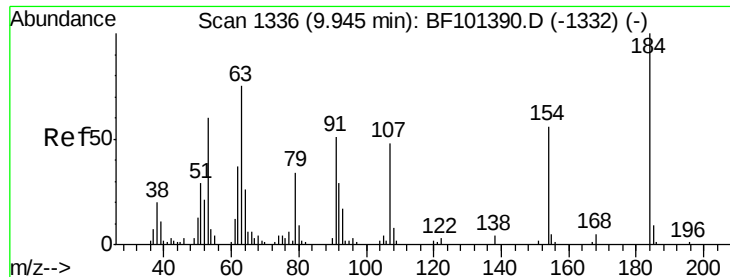
Acq: 18 Dec 2017 12:21

Tgt Ion:	138	Resp:	87769
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	113.4	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





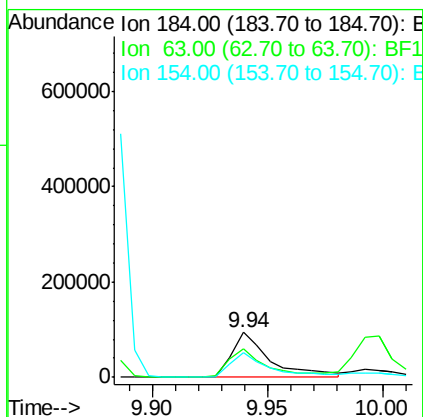
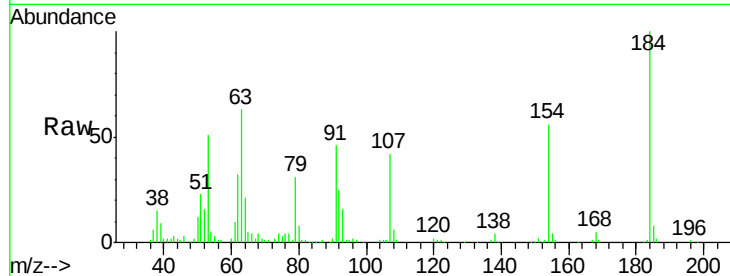
#53
2,4-Dinitrophenol
Concen: 61.290 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

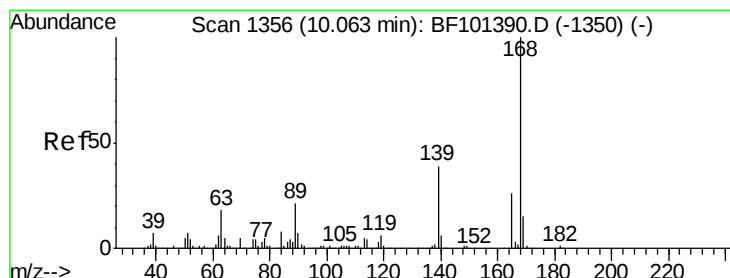
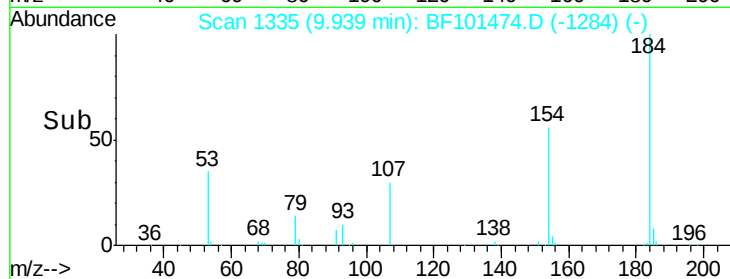
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	109027		
63	63.4	54.2	81.2	
154	55.7	184.0	276.0	

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12/19/2017 4:49:23 PM

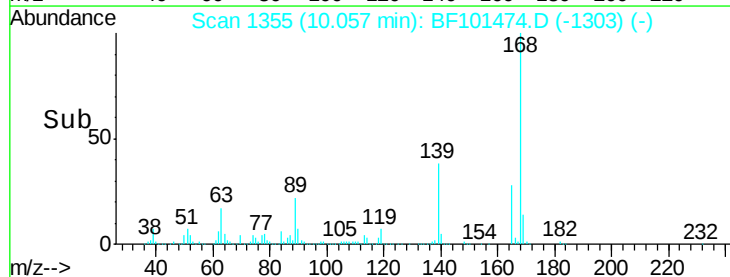
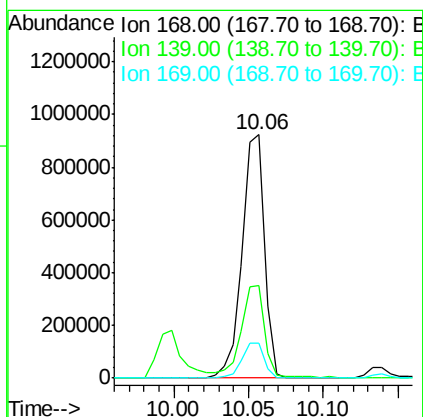
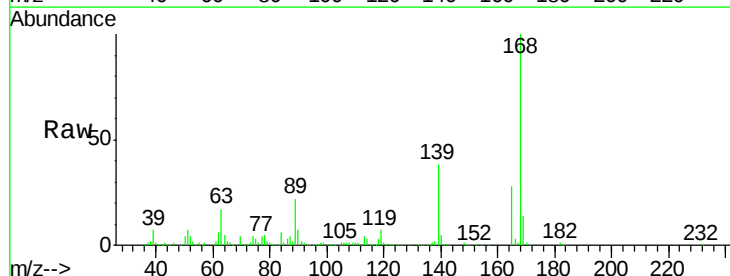


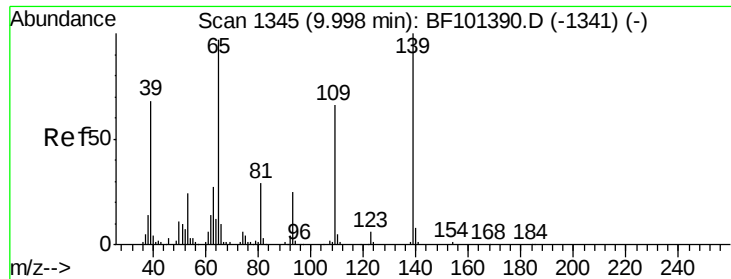
12/19/2017 4:49:23 PM



#54
Dibenzofuran
Concen: 35.819 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	959115		
139	38.1	30.1	45.1	
169	14.3	10.9	16.3	





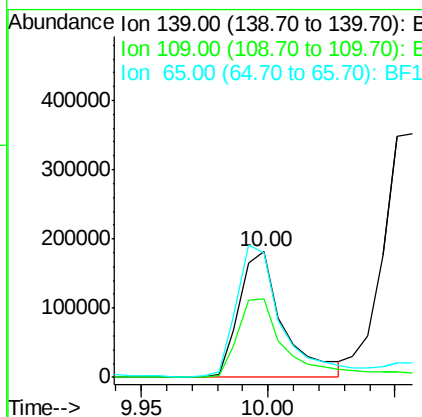
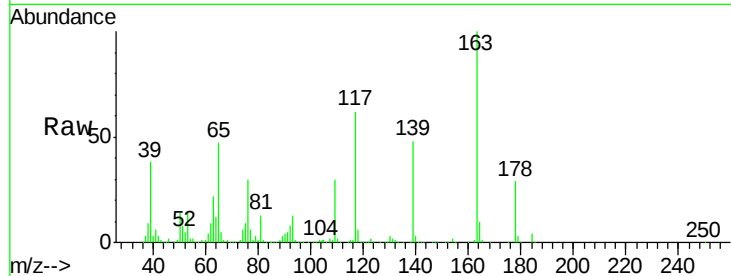
#55
4-Nitrophenol
Concen: 76.115 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

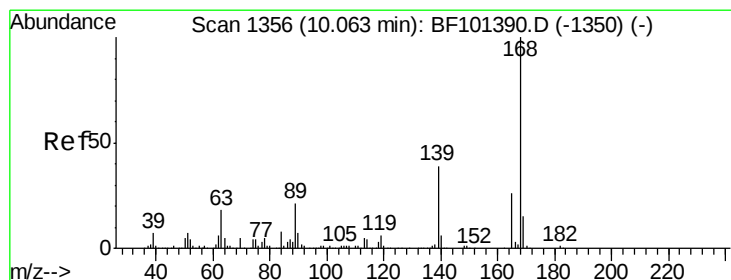
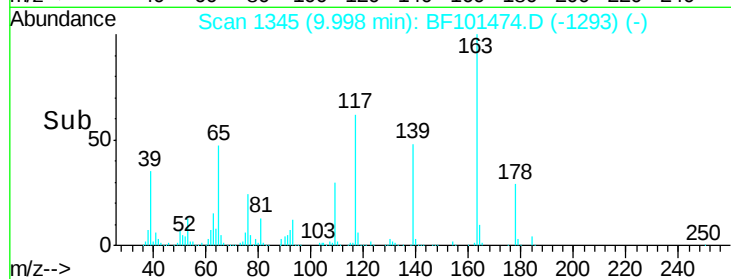
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	221347		
109	62.5	48.4	88.4	
65	98.6	72.6	112.6	

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12/19/2017 4:49:23 PM

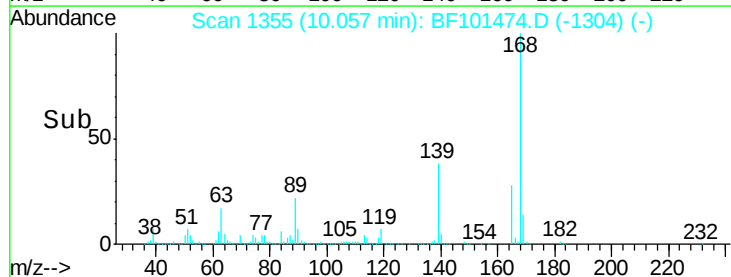
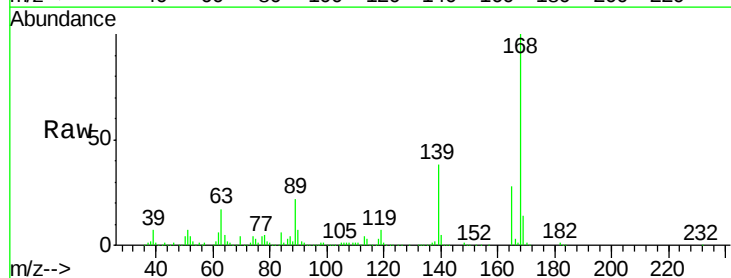
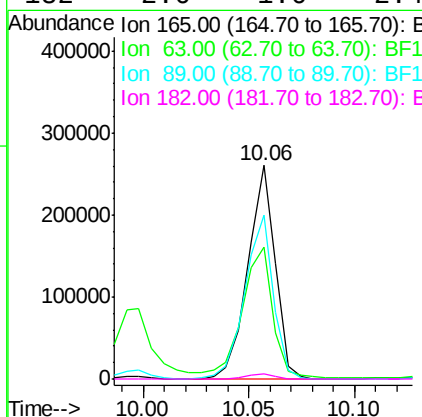


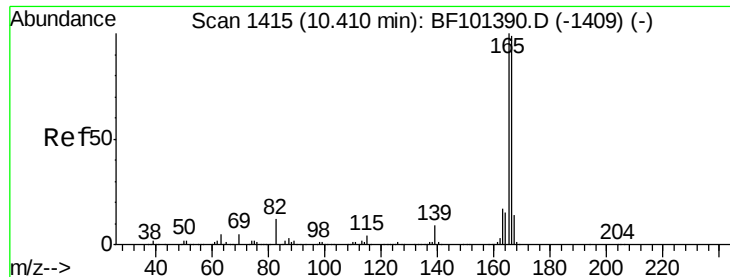
12/19/2017 4:49:23 PM



#56
2,4-Dinitrotoluene
Concen: 39.103 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	235667		
63	62.0	36.4	54.6#	
89	76.9	57.8	86.6	
182	2.6	1.6	2.4#	





#57

Fluorene

Concen: 36.108 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

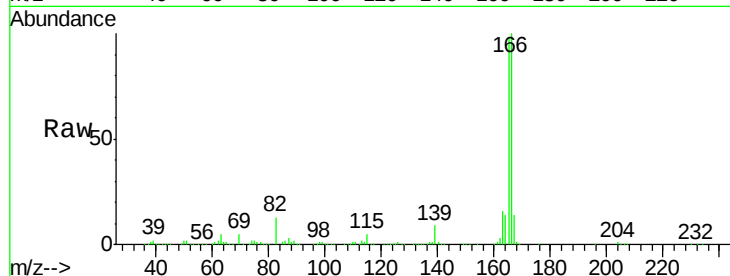
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	817905		
165	98.1	79.8	119.8	
167	13.5	10.6	16.0	

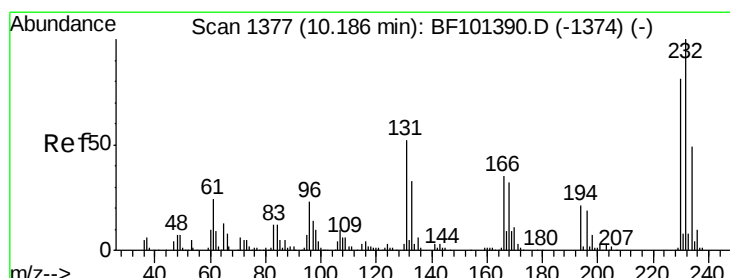
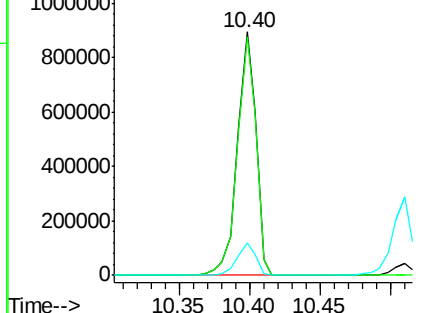
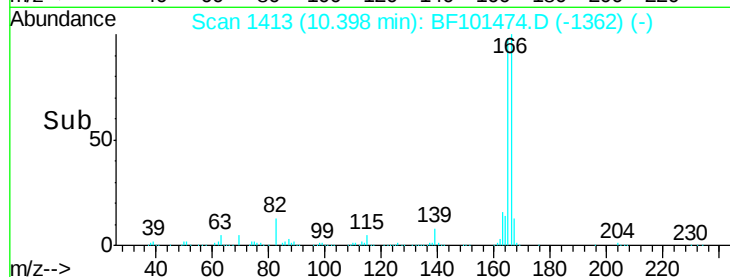
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12/19/2017 4:49:23 PM



Abundance Ion 166.00 (165.70 to 166.70): E
1200000
Ion 165.00 (164.70 to 165.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
800000
600000
400000
200000
0

12/19/2017 4:49:23 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.389 ng

RT: 10.18 min Scan# 1376

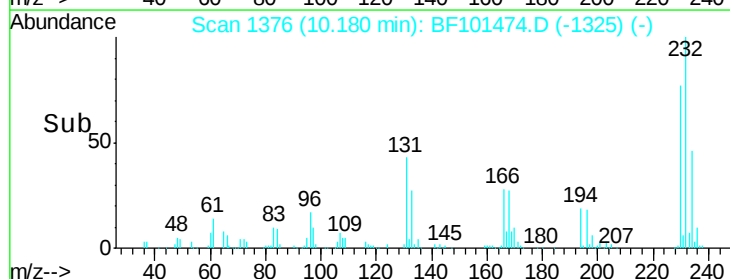
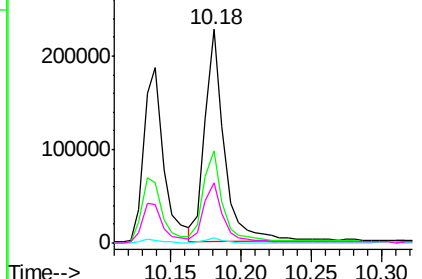
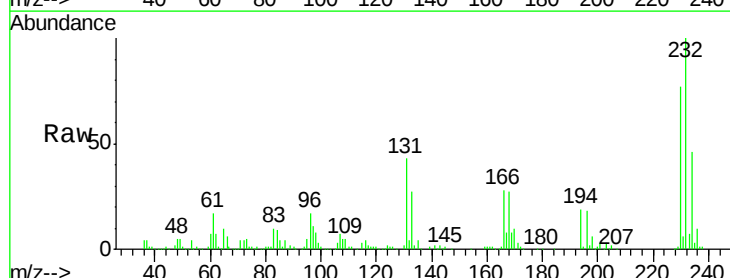
Delta R.T. 0.00 min

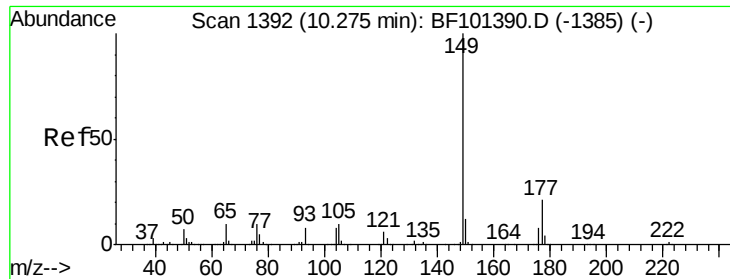
Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	216551		
131	42.6	43.8	65.8#	
130	2.2	2.1	3.1	
166	28.7	27.8	41.6	

Abundance Ion 232.00 (231.70 to 232.70): E
300000
Ion 131.00 (130.70 to 131.70): E
200000
Ion 130.00 (129.70 to 130.70): E
100000
Ion 166.00 (165.70 to 166.70): E
0





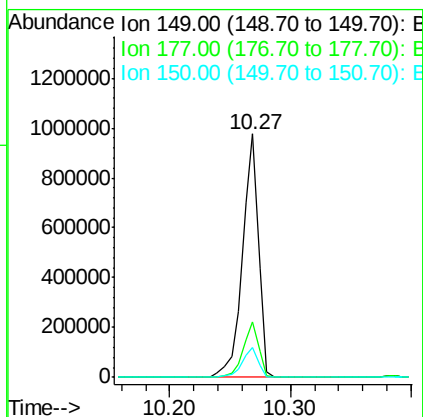
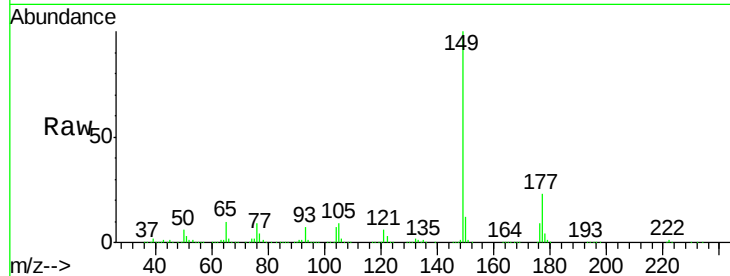
#59
Diethylphthalate
Concen: 34.563 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

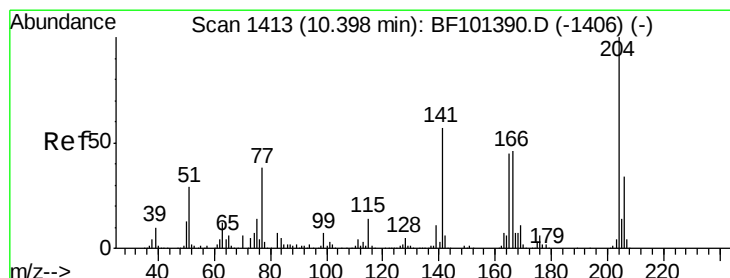
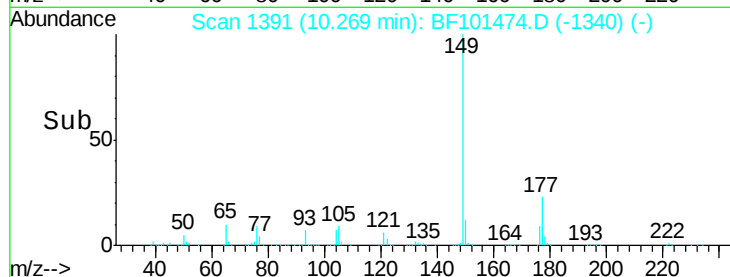
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	900846		
177	22.8	16.1	24.1	
150	12.1	10.1	15.1	

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12/19/2017 4:49:23 PM

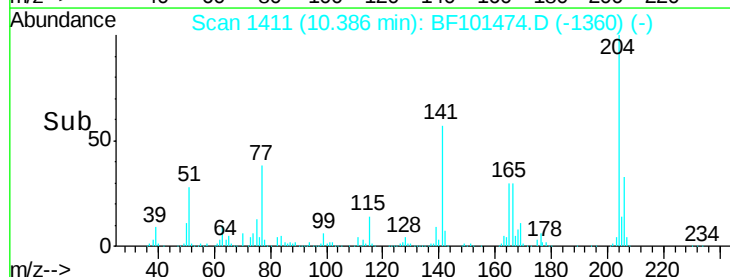
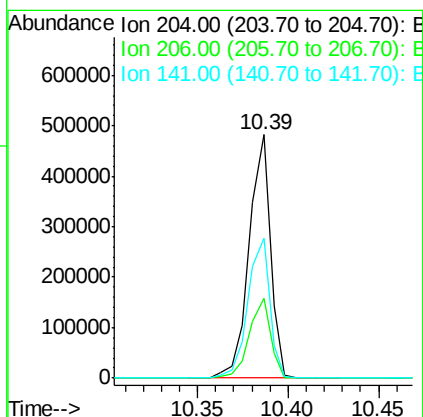
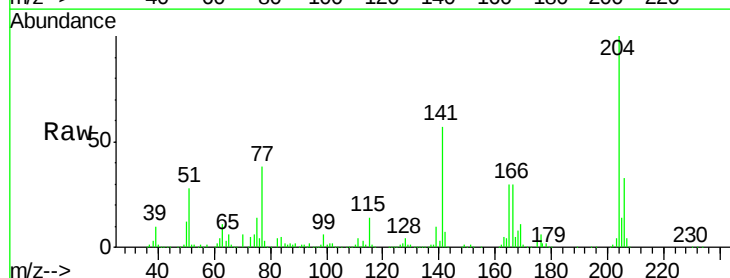


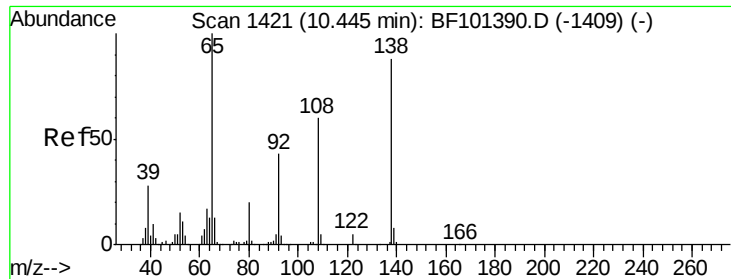
12/19/2017 4:49:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.496 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	396201		
206	32.6	26.5	39.7	
141	57.5	54.6	81.8	





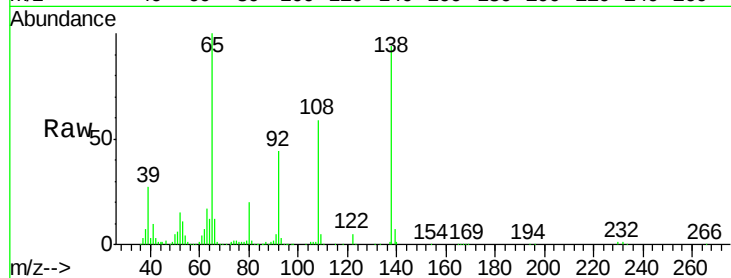
#61
4-Nitroaniline
Concen: 29.016 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
138	100	194508		
92	47.1	30.2	70.2	
108	62.6	52.5	92.5	

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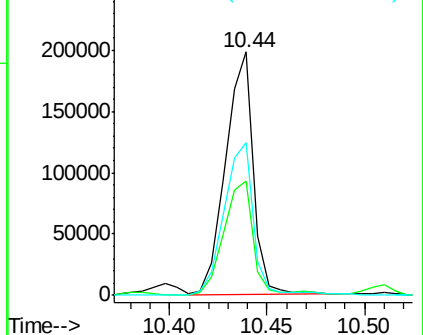


Abundance

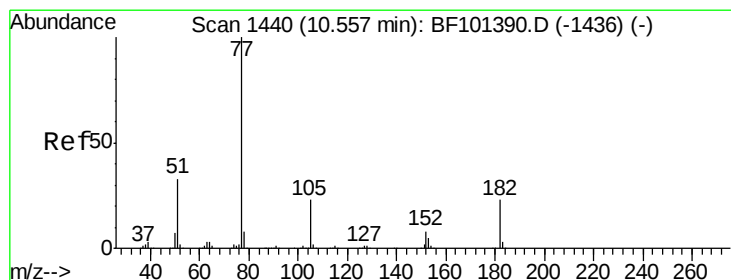
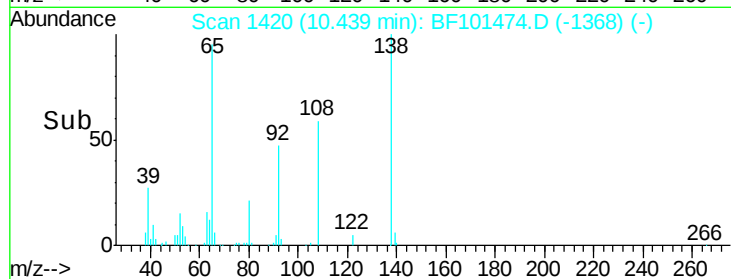
Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



12/19/2017 4:49:23 PM



#62
Azobenzene
Concen: 32.859 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	887202		
182	24.9	1.7	41.7	
105	23.2	3.0	43.0	
51	32.7	9.9	49.9	

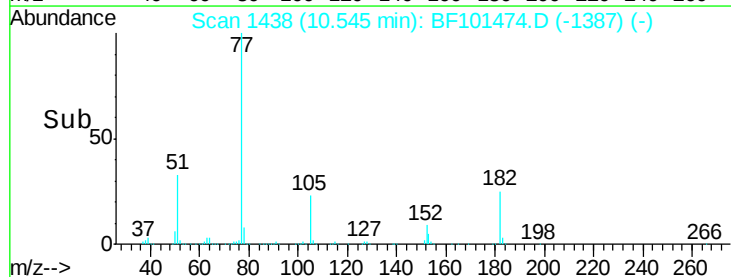
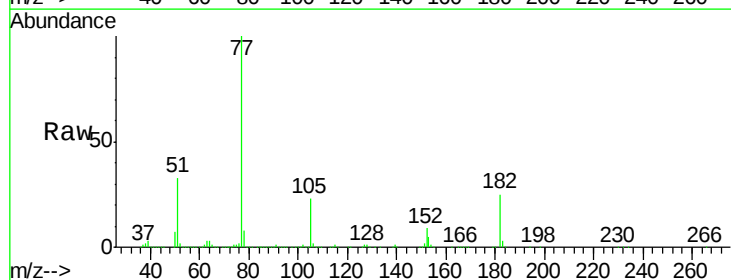
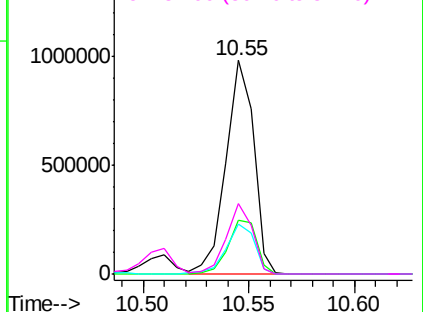
Abundance

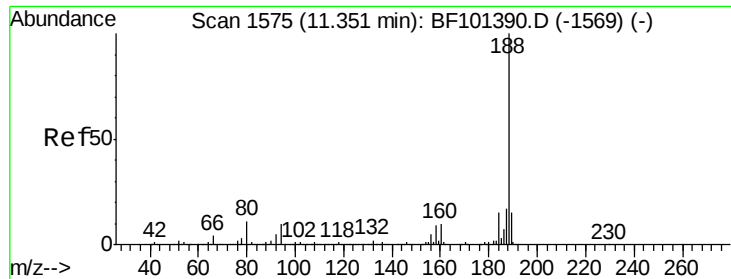
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





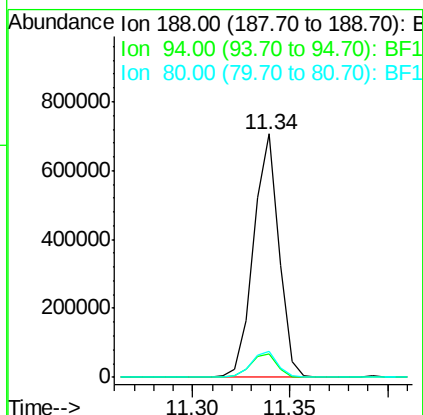
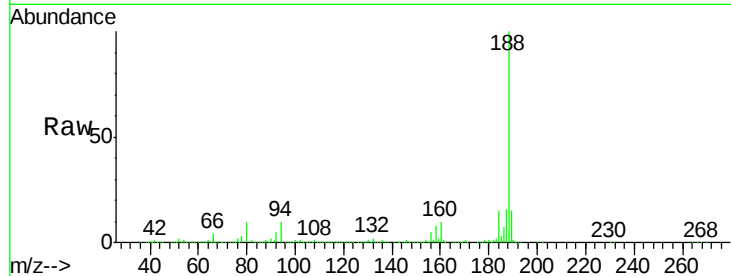
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

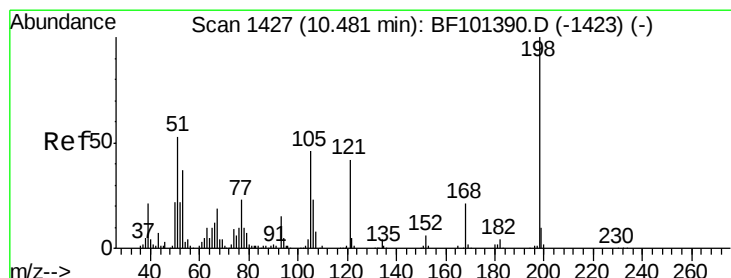
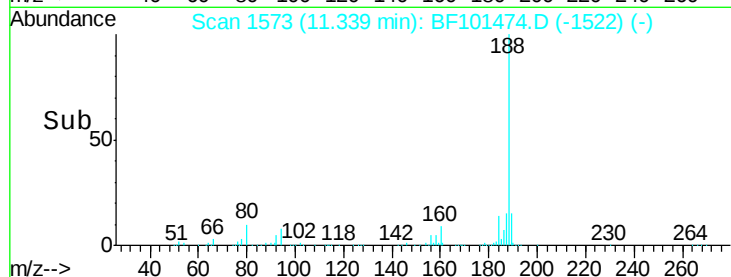
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8

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12/19/2017 4:49:23 PM

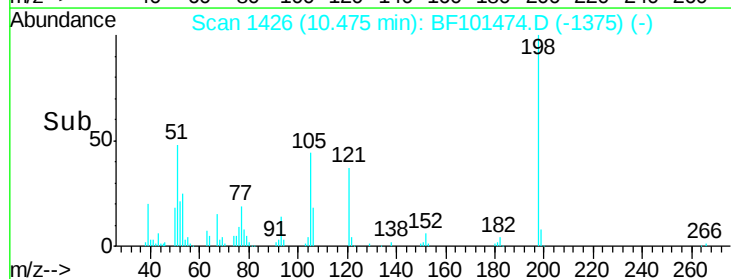
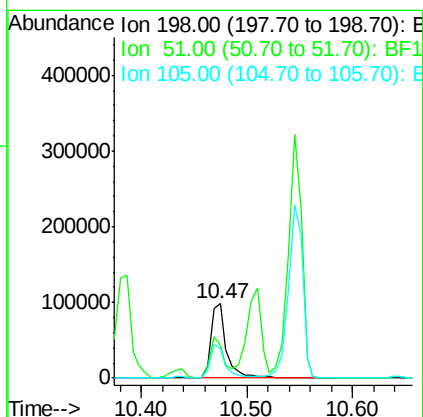
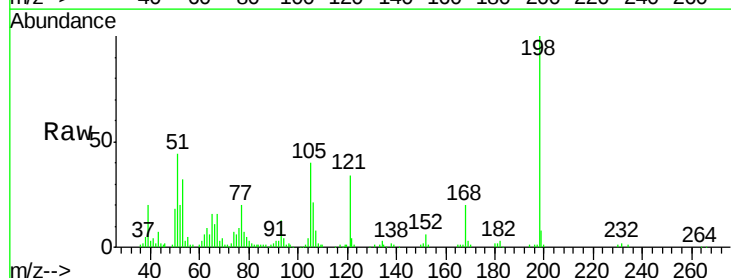


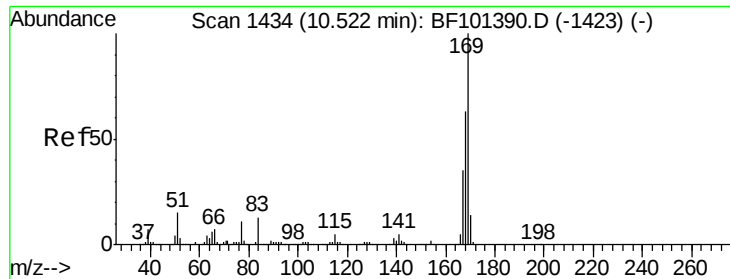
12/19/2017 4:49:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.864 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.2	37.7	77.7
105	40.4	36.3	76.3





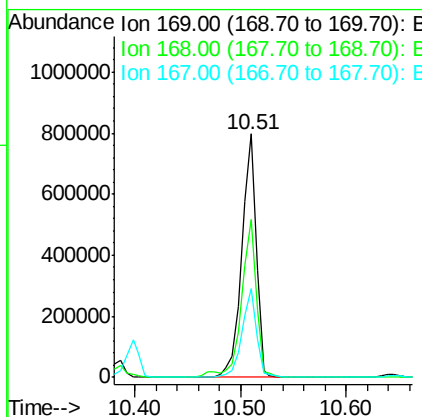
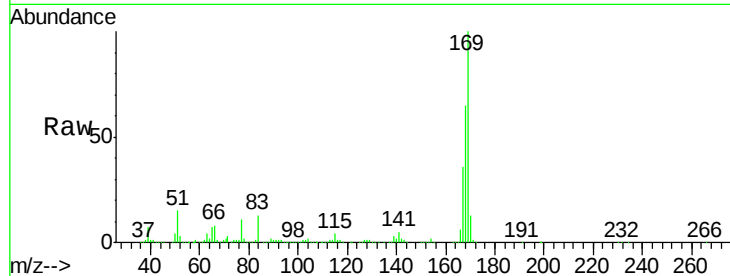
#65
n-Nitrosodiphenylamine
Concen: 31.664 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

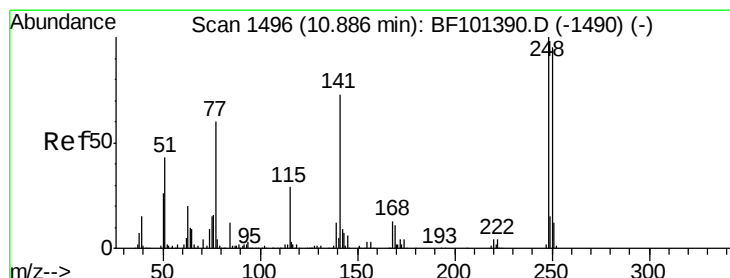
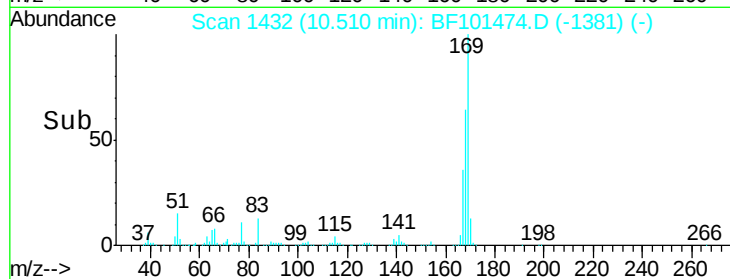
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	742182		
168	64.8	54.4	81.6	
167	36.2	29.8	44.6	

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12/19/2017 4:49:23 PM

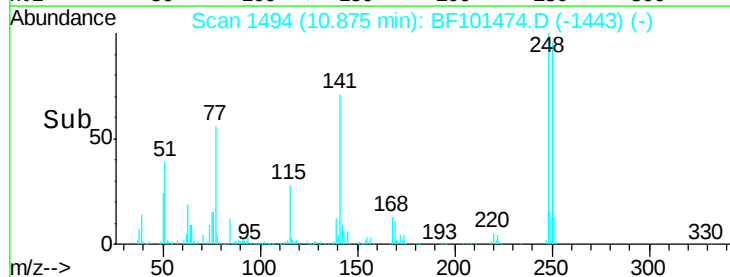
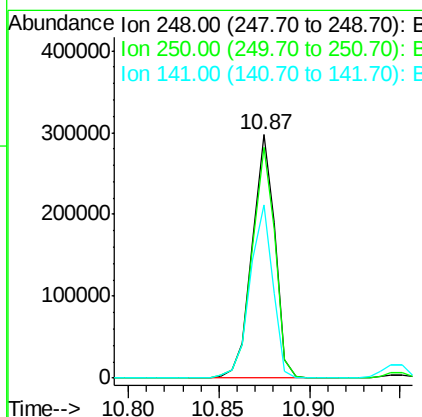
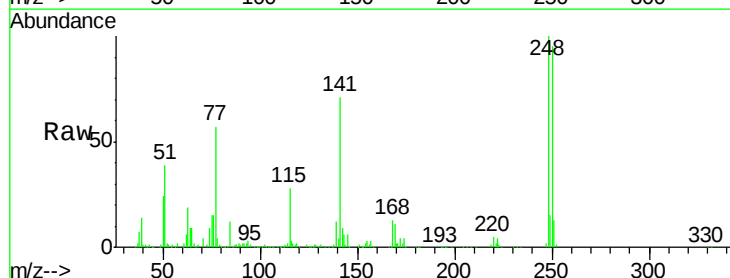


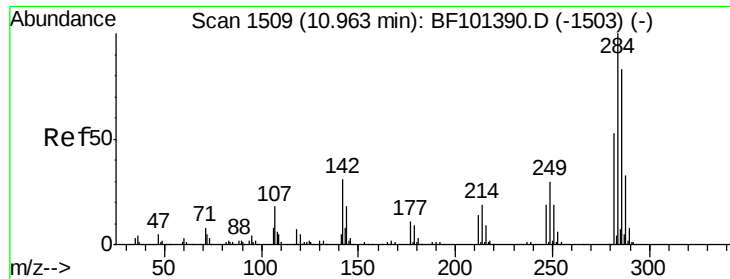
12/19/2017 4:49:23 PM



#66
4-Bromophenyl-phenylether
Concen: 36.310 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	258990		
250	95.1	76.9	115.3	
141	71.3	74.4	111.6	





#67

Hexachlorobenzene

Concen: 35.808 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

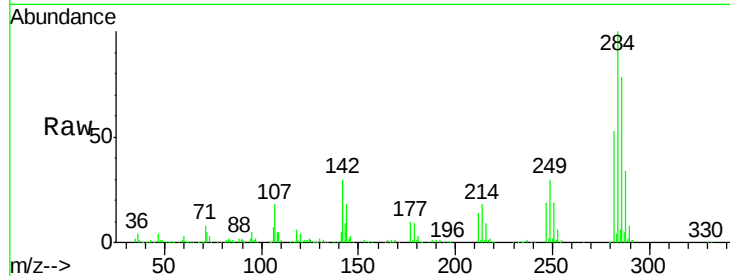
ClientSampleId :

PB105093BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	270312		
142	29.6	34.6	52.0	#
249	29.7	24.8	37.2	

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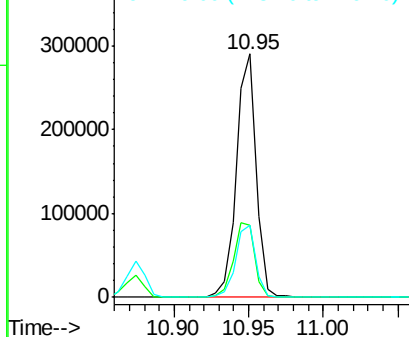
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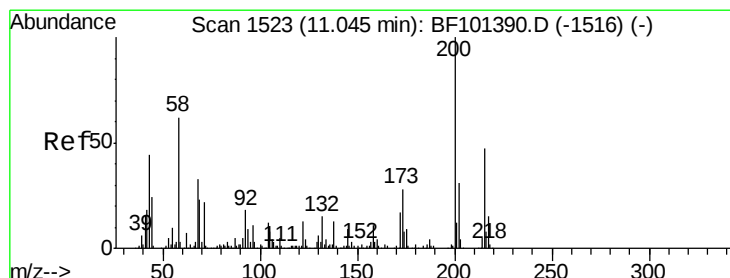
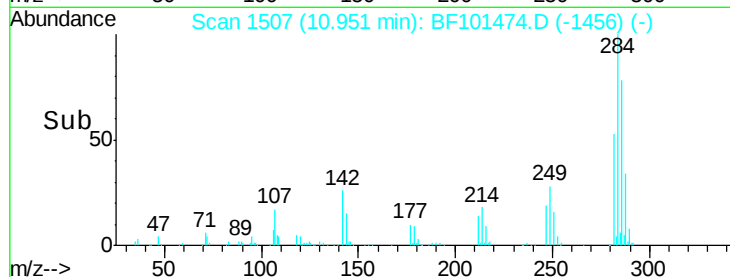
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



12/19/2017 4:49:23 PM



#68

Atrazine

Concen: 27.443 ng

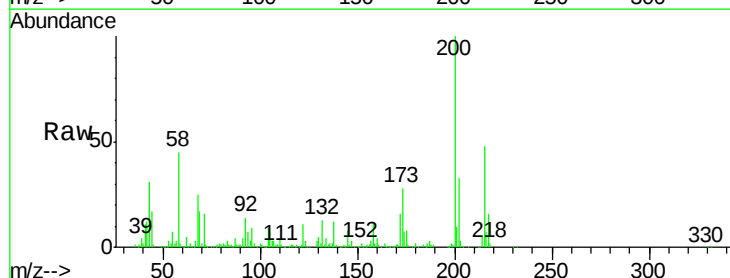
RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

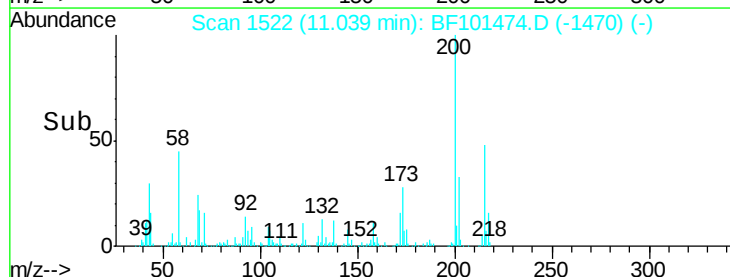
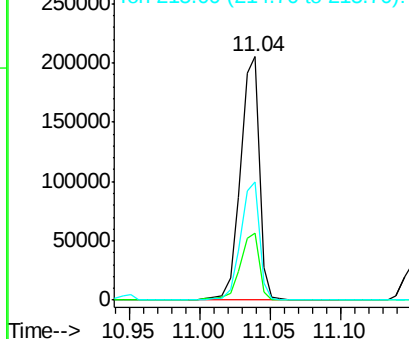
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	191798		
173	27.7	8.6	48.6	
215	48.4	25.1	65.1	

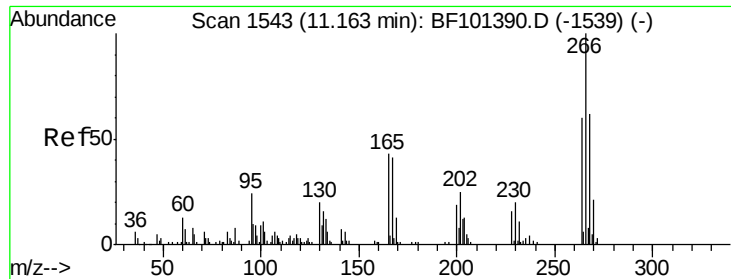


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





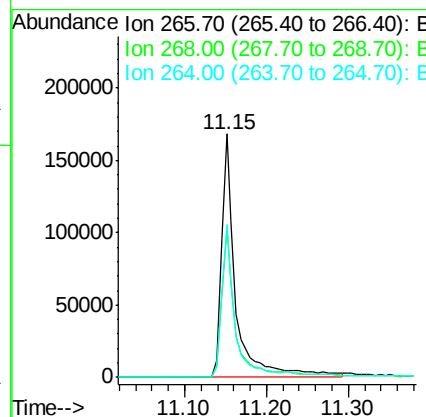
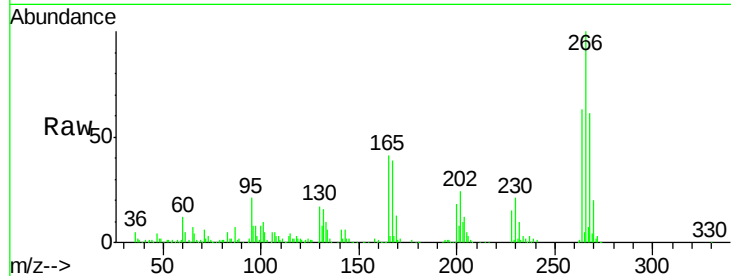
#69
 Pentachlorophenol
 Concen: 70.726 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

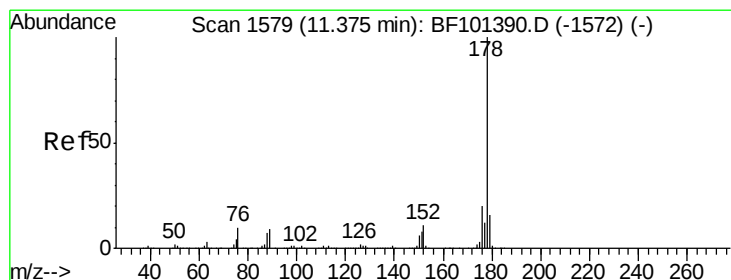
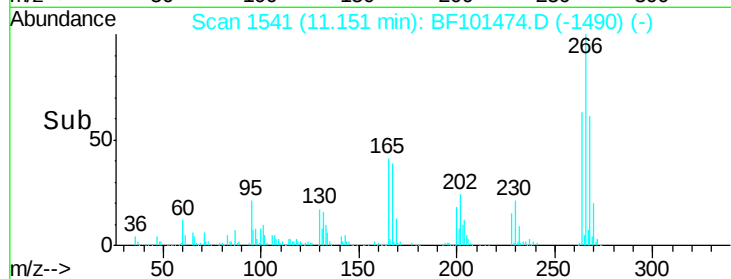
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	62.9	49.5	74.3

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 12/19/2017 4:49:23 PM

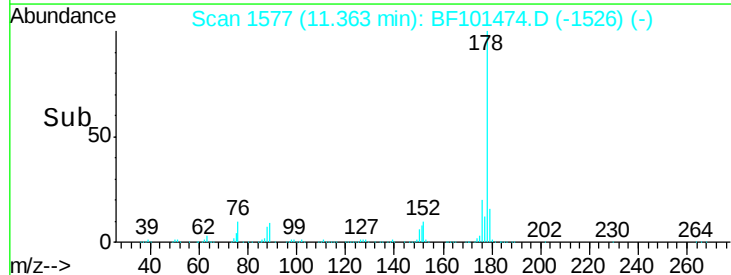
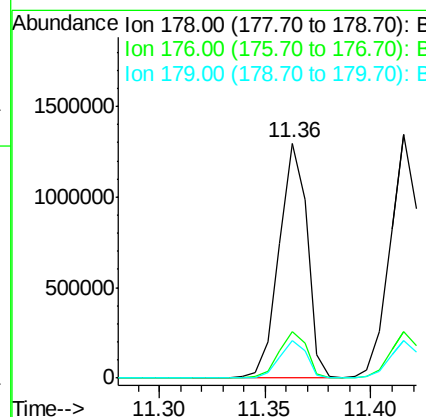
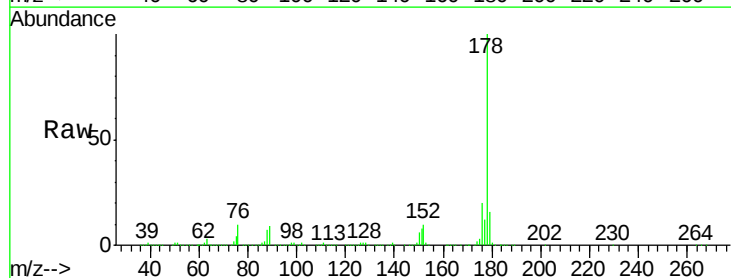


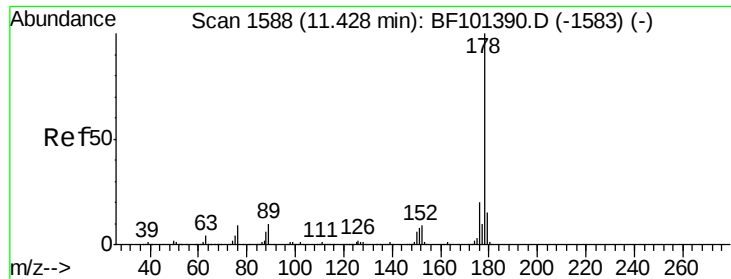
12/19/2017 4:49:23 PM



#70
 Phenanthrene
 Concen: 34.164 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.0	13.0	19.6





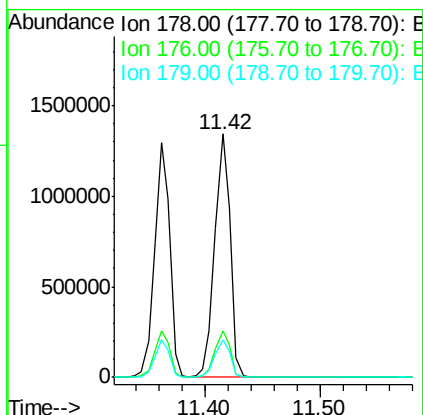
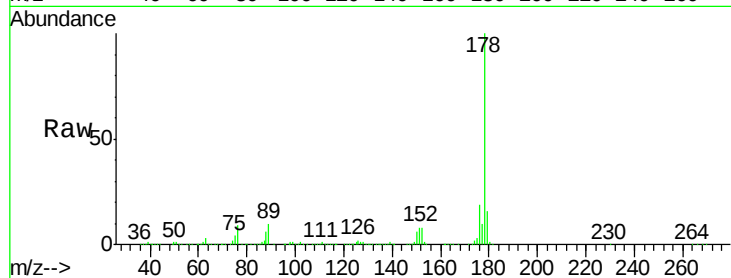
#71
 Anthracene
 Concen: 34.744 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

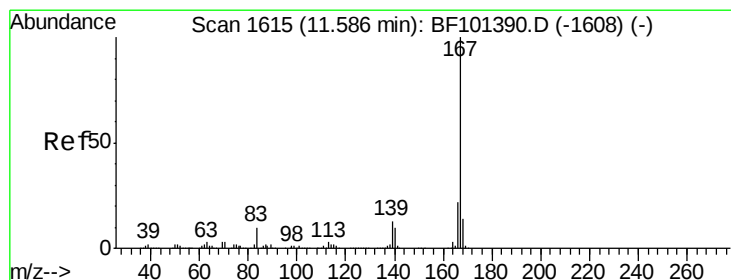
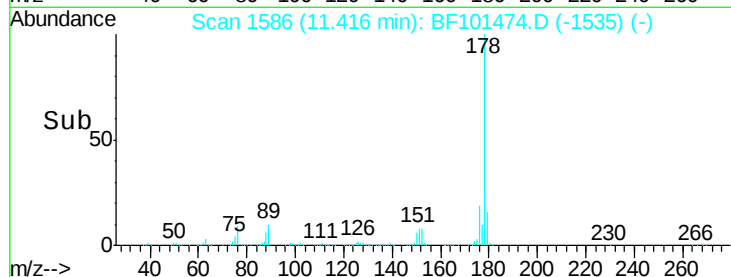
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

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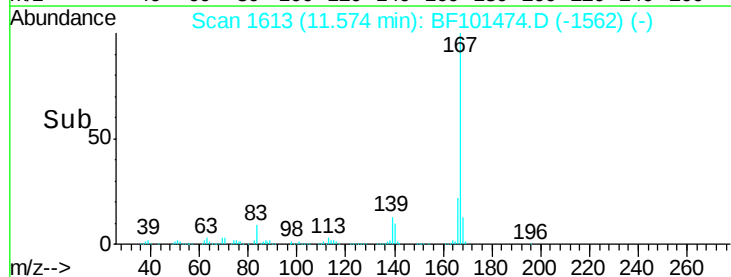
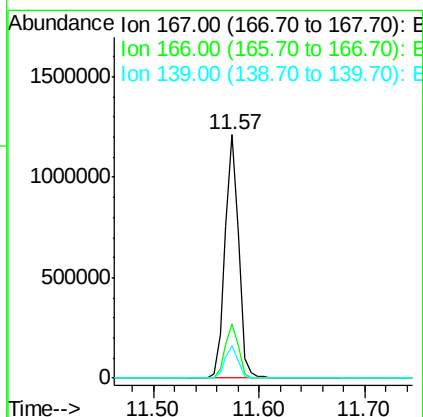
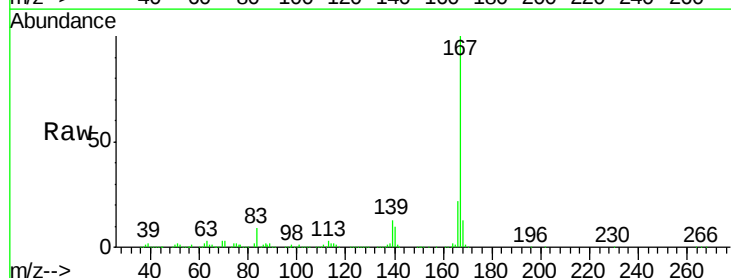


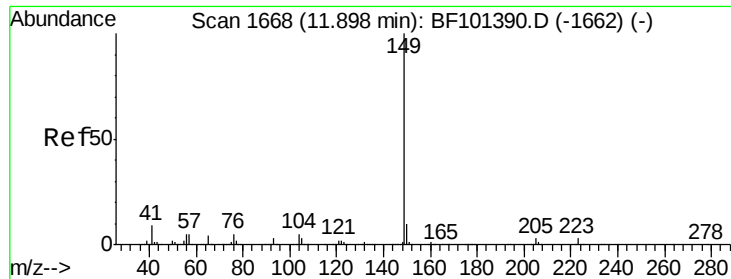
12/19/2017 4:49:23 PM



#72
 Carbazole
 Concen: 32.316 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.1	10.9	16.3





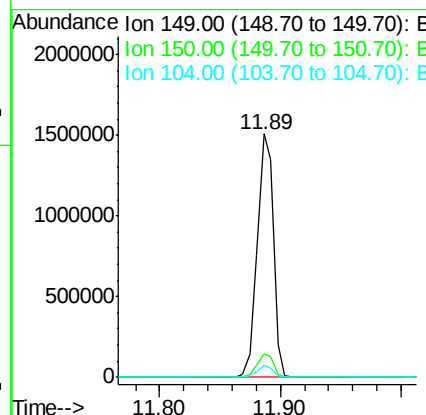
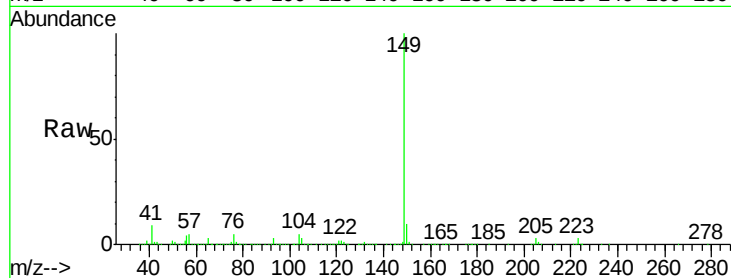
#73
Di-n-butylphthalate
Concen: 34.534 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

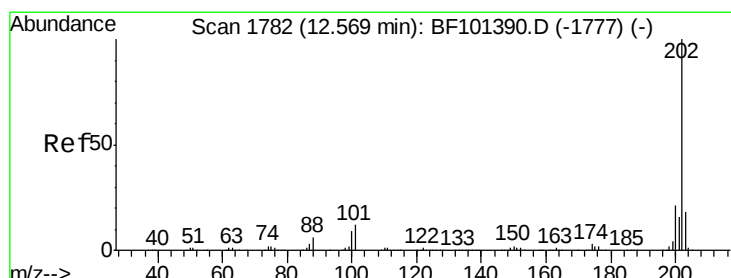
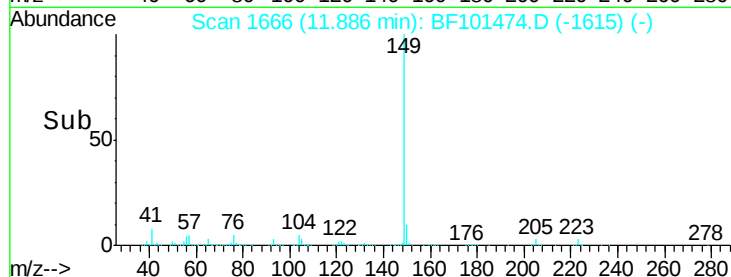
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8

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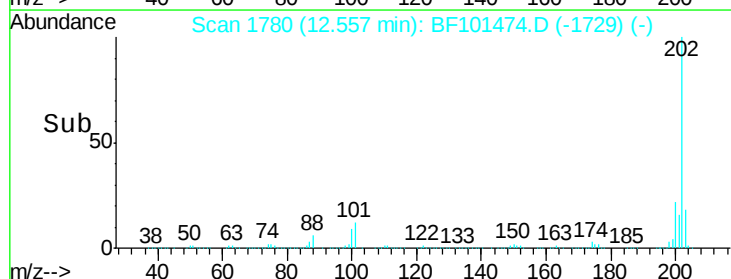
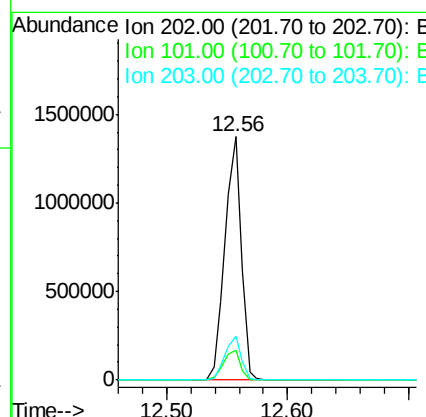
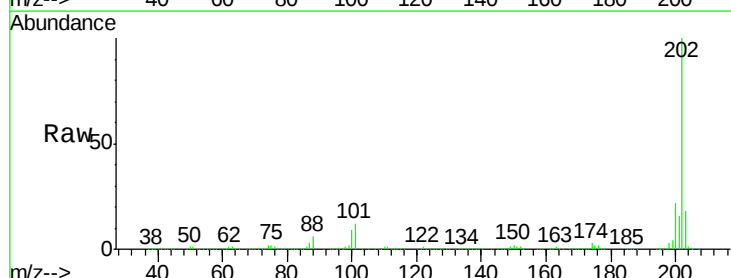


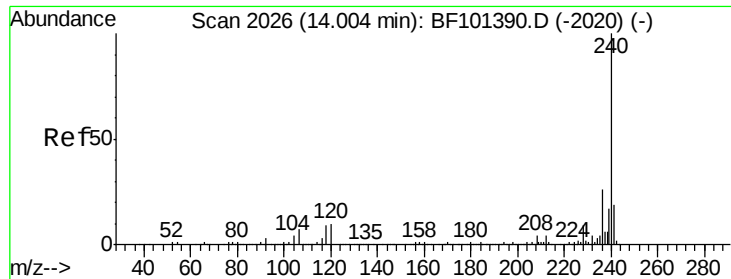
12/19/2017 4:49:23 PM



#74
Fluoranthene
Concen: 34.570 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

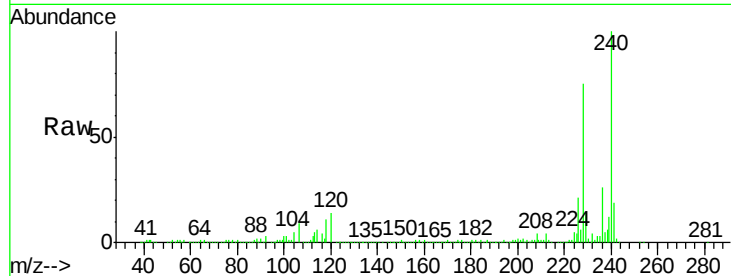
ClientSampleId :

PB105093BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	474393		
120	13.7	9.5	14.3	
236	26.2	20.7	31.1	

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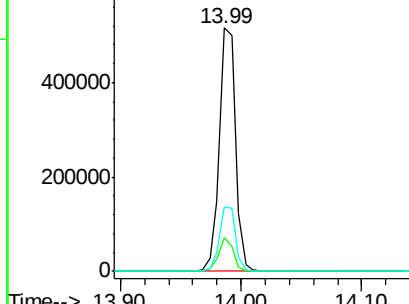
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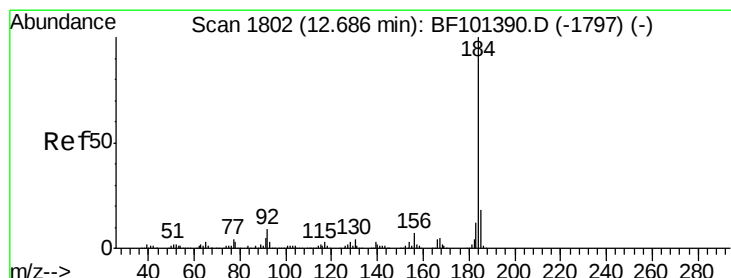
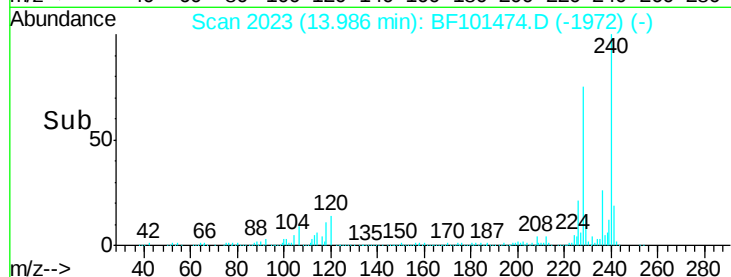
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



12/19/2017 4:49:23 PM



#76

Benzidine

Concen: 2.976 ng

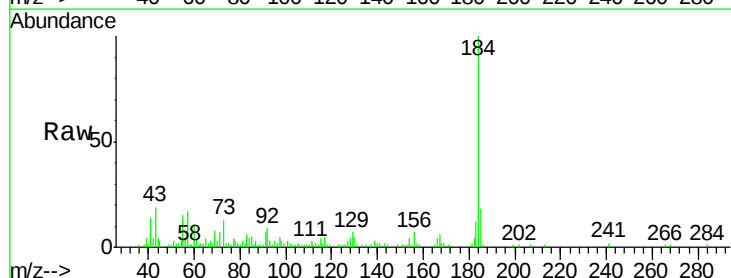
RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

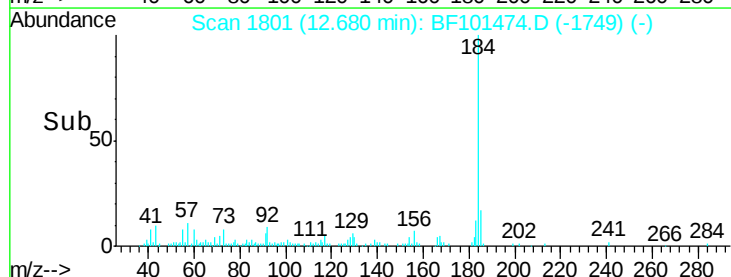
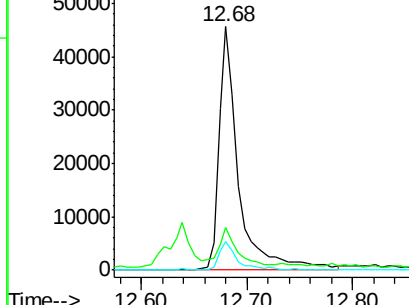
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	59624		
185	17.6	12.6	18.8	
183	11.8	9.3	13.9	

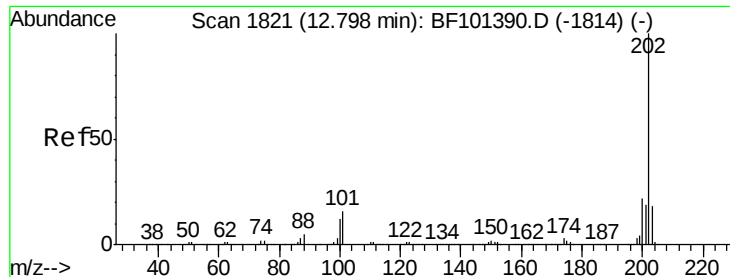


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.686 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Instrument :

BNA_F

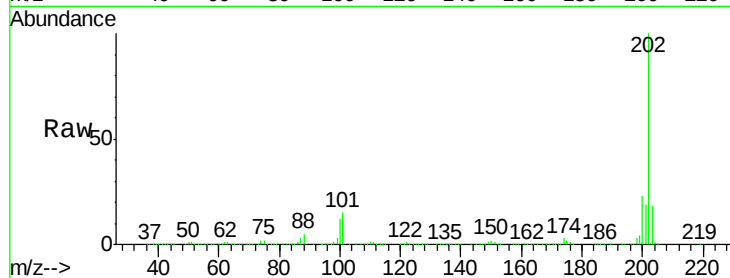
ClientSampleId :

PB105093BS

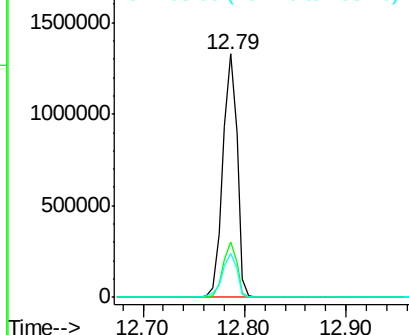
Tgt Ion:	202	Resp:	1306145
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.4	26.2
203	18.2	14.3	21.5

Manual Integrations
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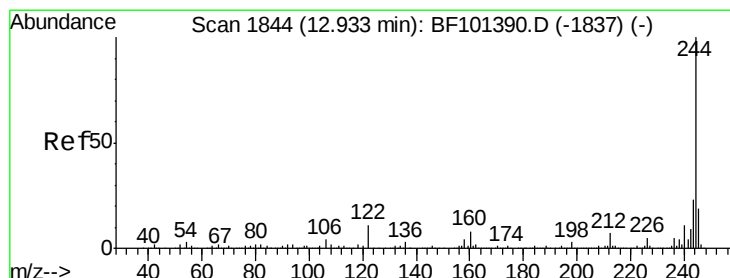
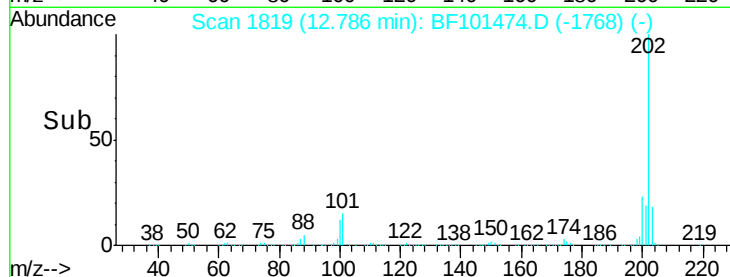
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



12/19/2017 4:49:23 PM



#78

Terphenyl-d14

Concen: 86.010 ng

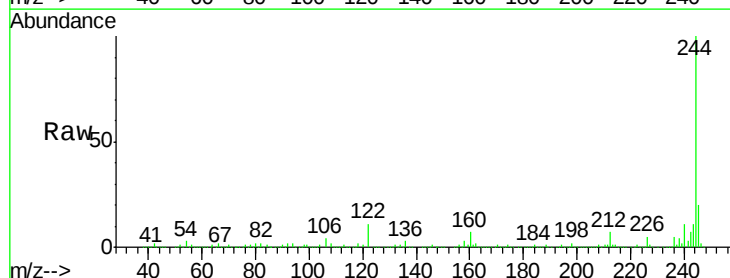
RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

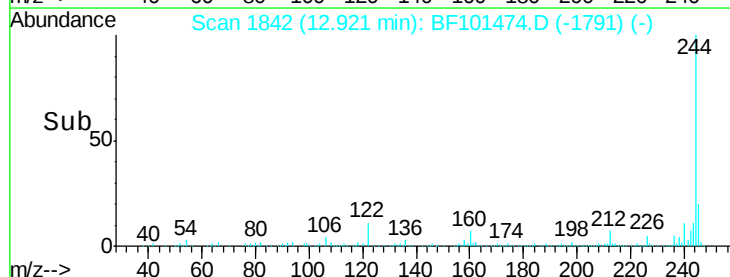
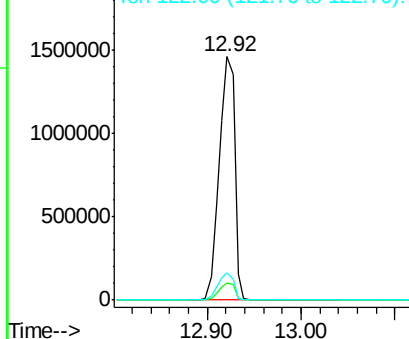
Lab File: BF101474.D

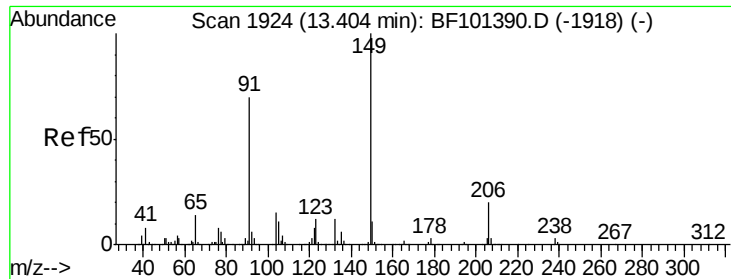
Acq: 18 Dec 2017 12:21

Tgt Ion:	244	Resp:	1692504
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	11.3	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





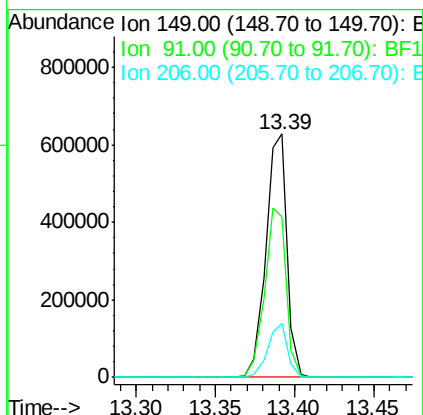
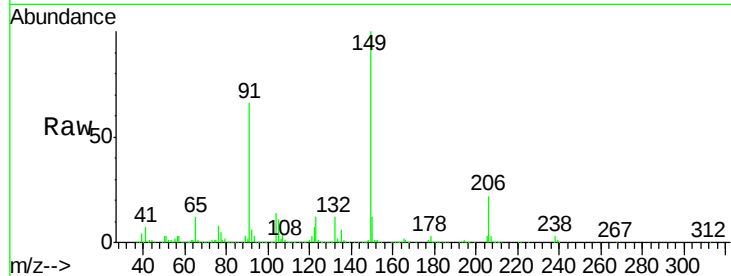
#79
Butylbenzylphthalate
Concen: 36.366 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

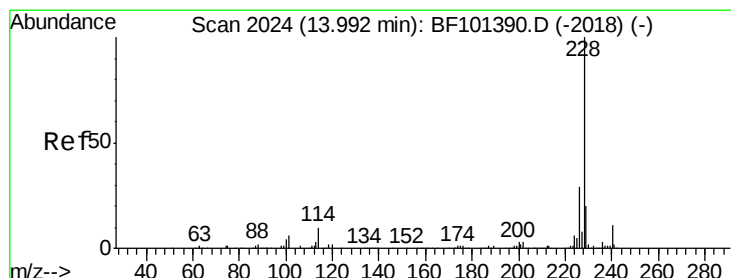
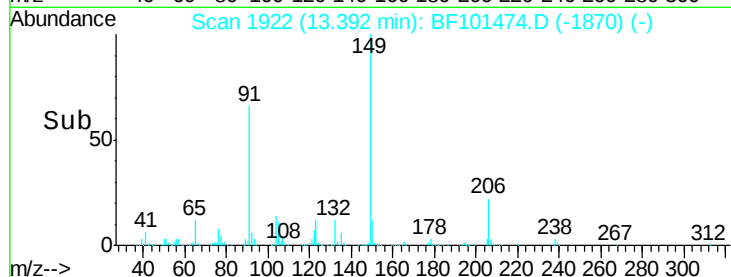
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	585843		
91	65.7	56.8	85.2	
206	22.3	14.1	21.1	

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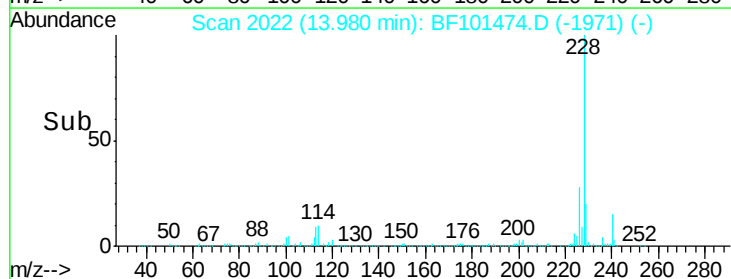
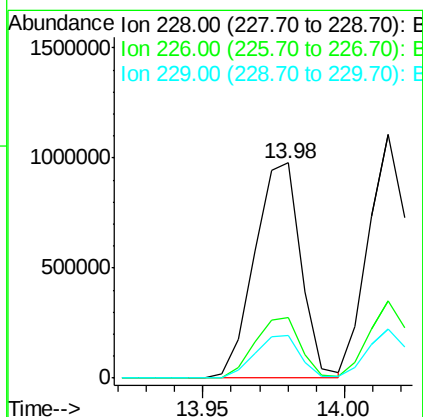
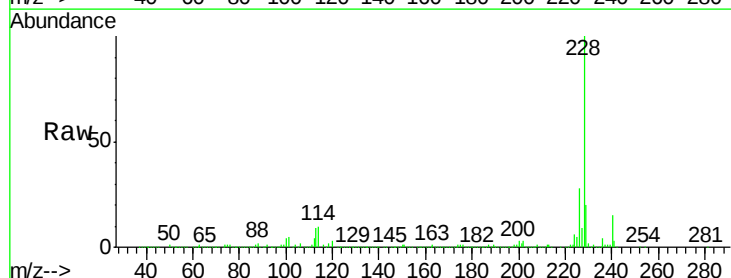


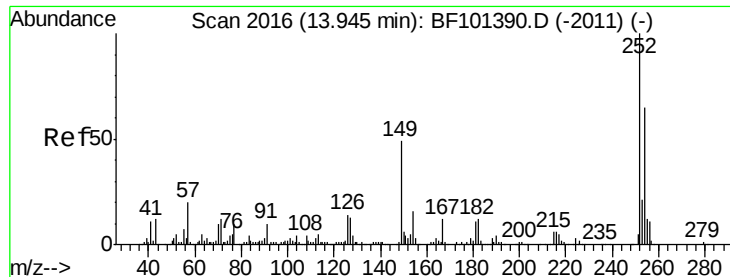
12/19/2017 4:49:23 PM



#80
Benzo(a)anthracene
Concen: 35.533 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1113060		
226	28.0	22.6	33.8	
229	19.6	15.8	23.6	





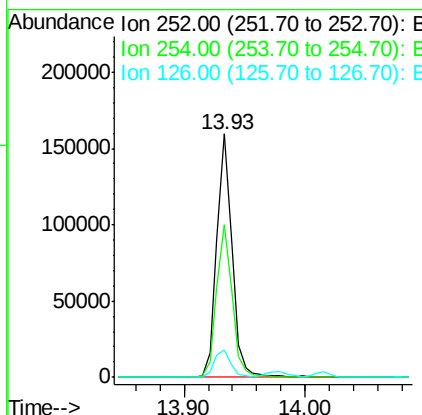
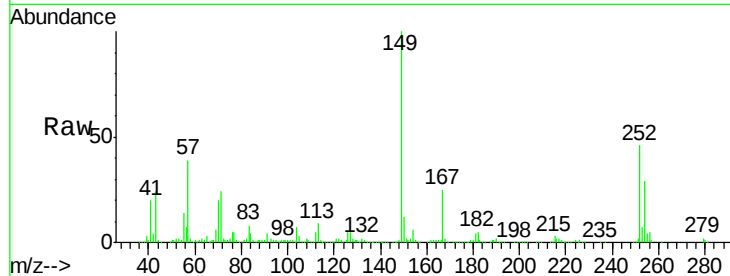
#81
 3,3'-Dichlorobenzidine
 Concen: 13.553 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

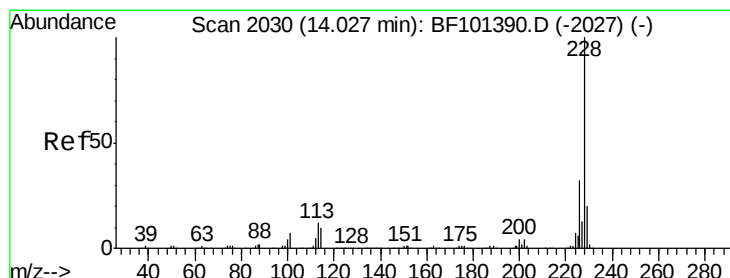
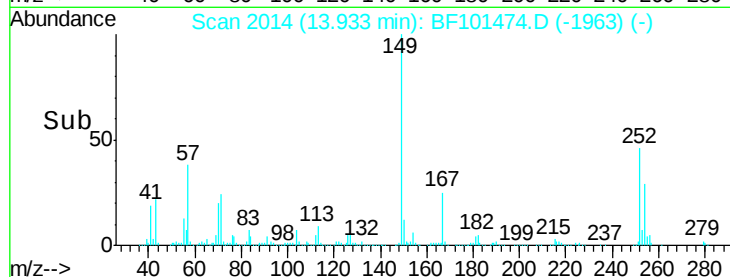
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	11.3	11.3	16.9

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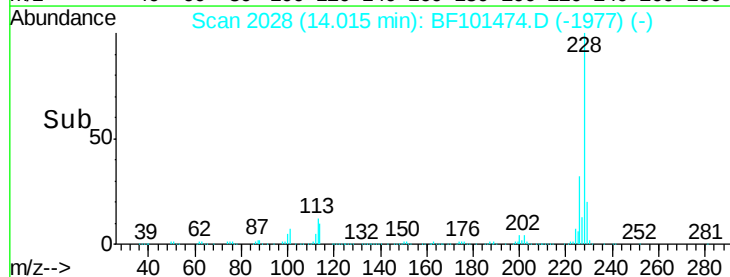
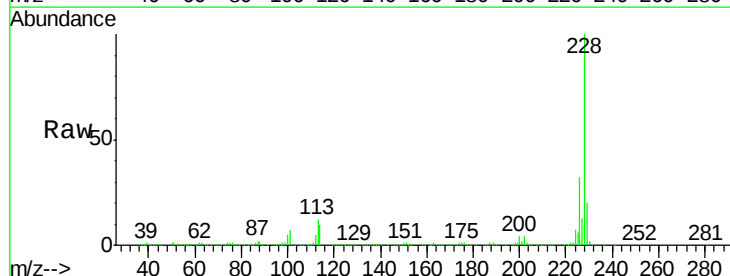
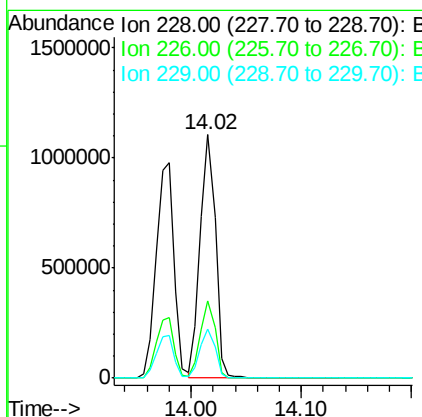


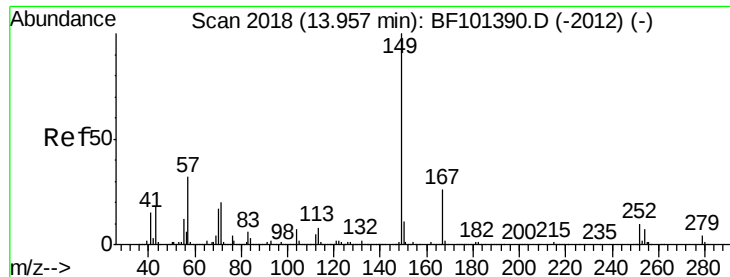
12/19/2017 4:49:23 PM



#82
 Chrysene
 Concen: 35.139 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.1	16.2	24.4





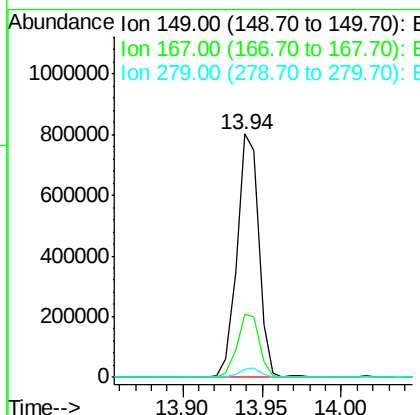
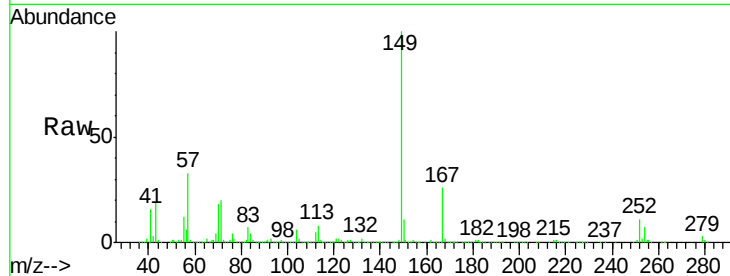
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.417 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

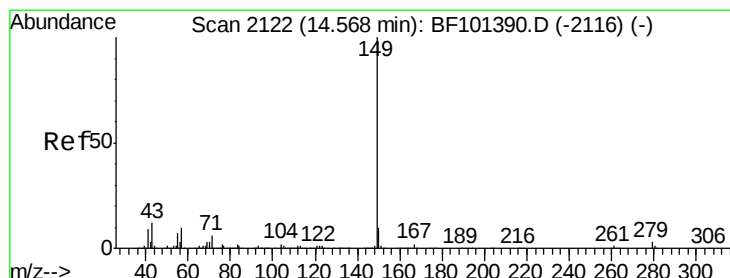
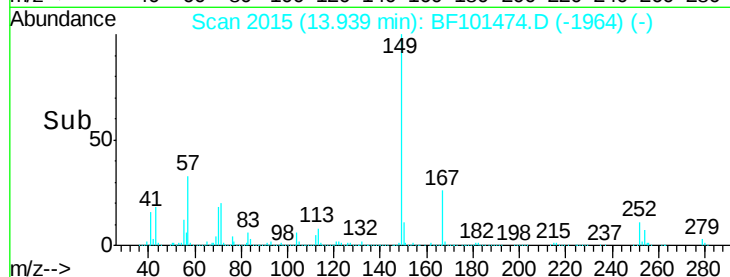
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.3	3.0	4.4

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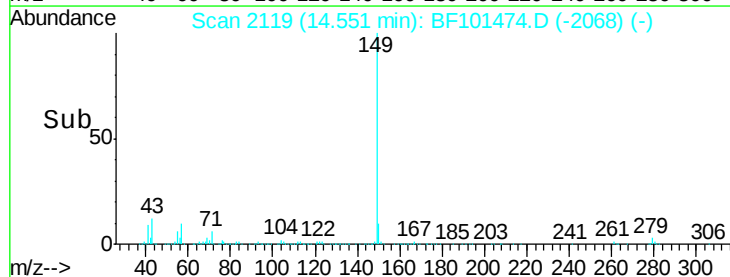
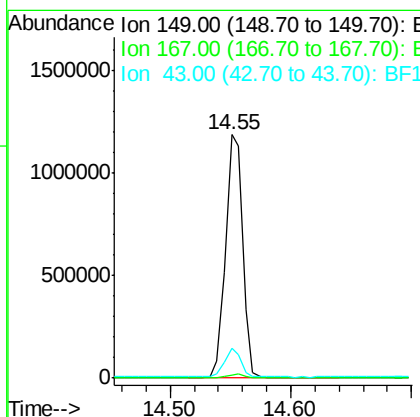
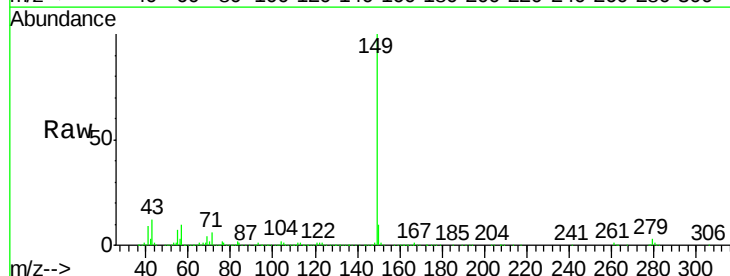


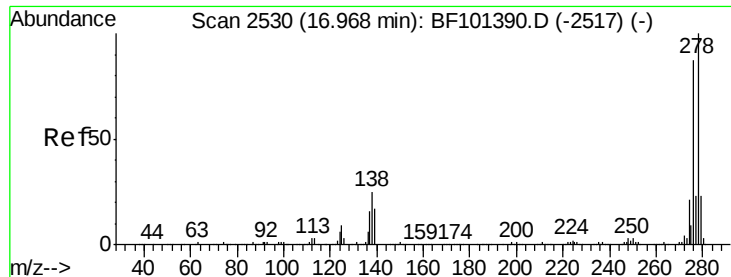
12/19/2017 4:49:23 PM



#84
 Di-n-octyl phthalate
 Concen: 31.978 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	8.4	12.6





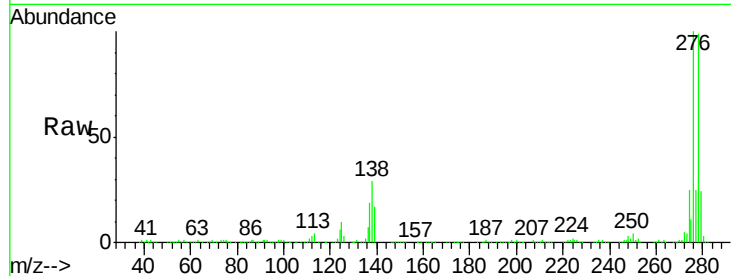
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.398 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BS

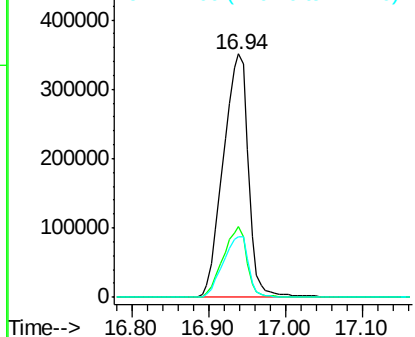
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	800614		
138	27.6	25.0	37.6	
277	25.5	20.1	30.1	

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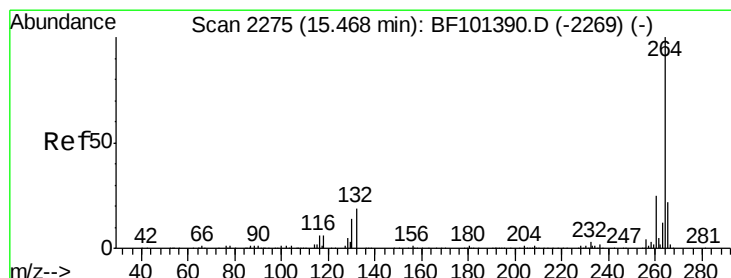
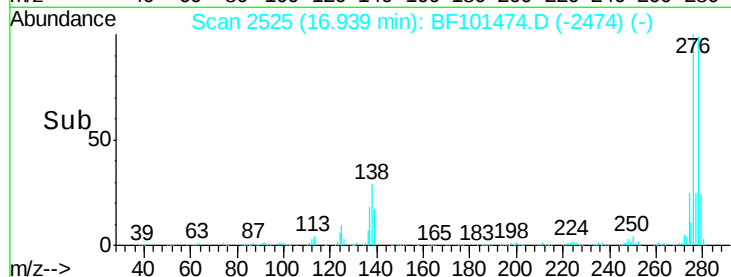
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

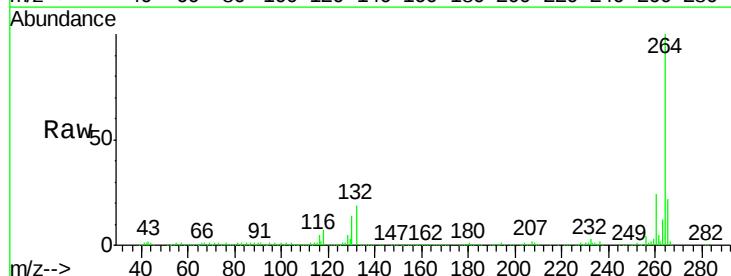


12/19/2017 4:49:23 PM

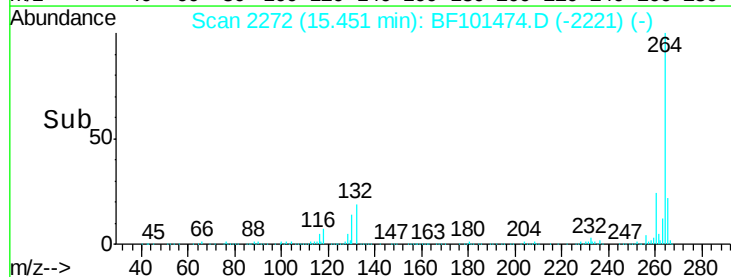
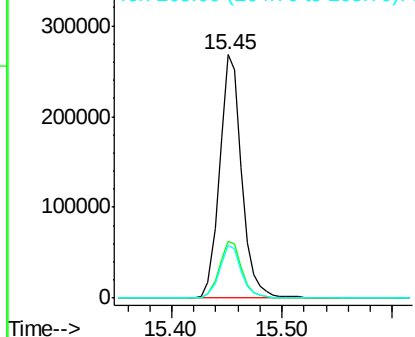


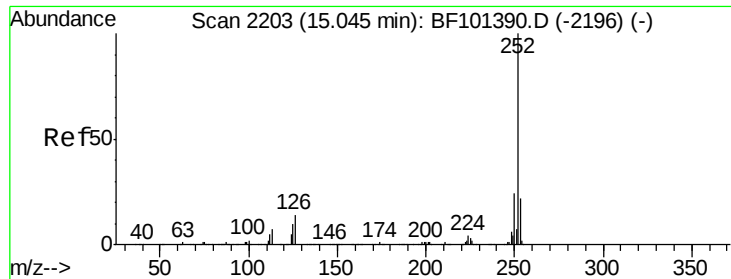
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF101474.D
 Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	373790		
260	23.5	19.2	28.8	
265	21.6	17.5	26.3	



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





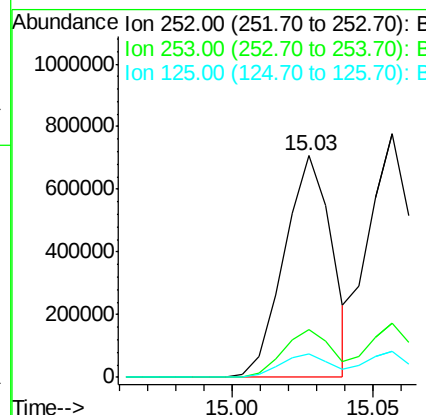
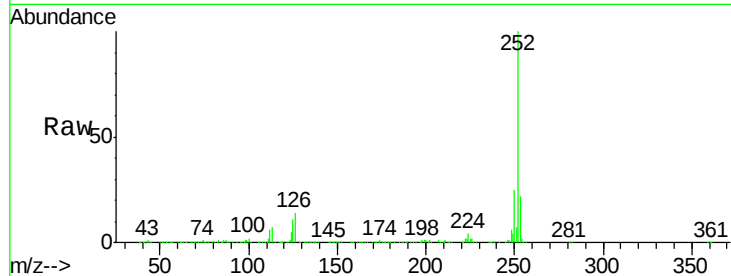
#87
Benzo(b)fluoranthene
Concen: 36.325 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

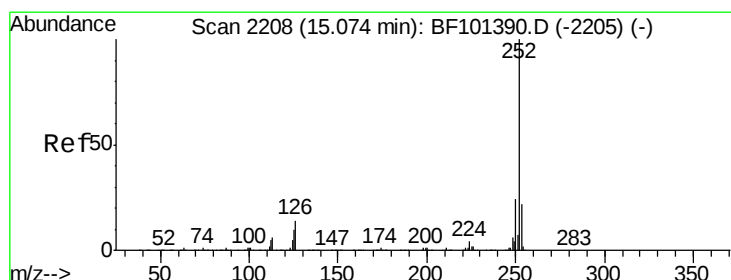
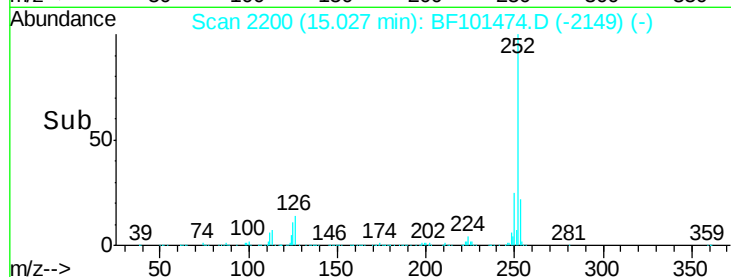
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.6	9.0	13.6

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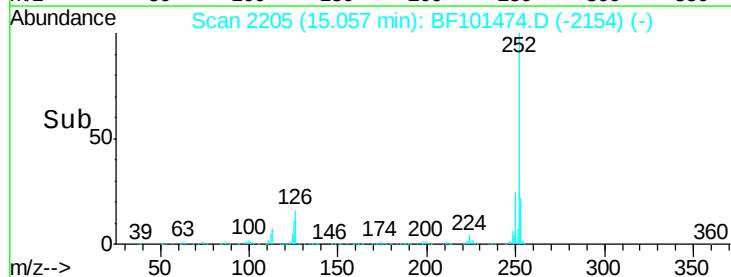
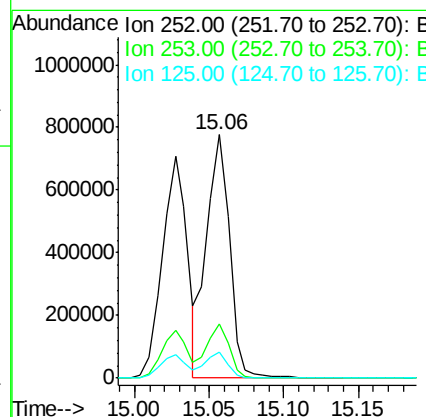
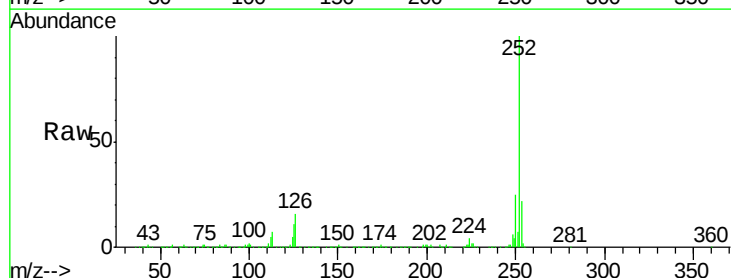


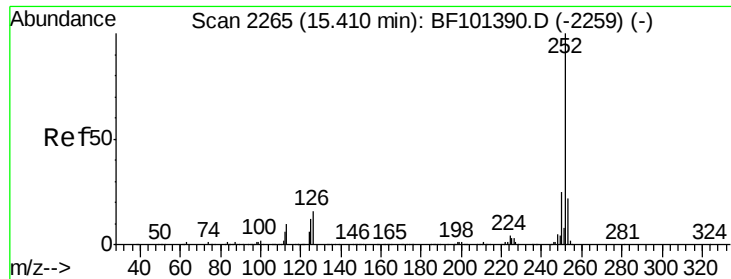
12/19/2017 4:49:23 PM



#88
Benzo(k)fluoranthene
Concen: 37.035 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.8	10.2	15.2





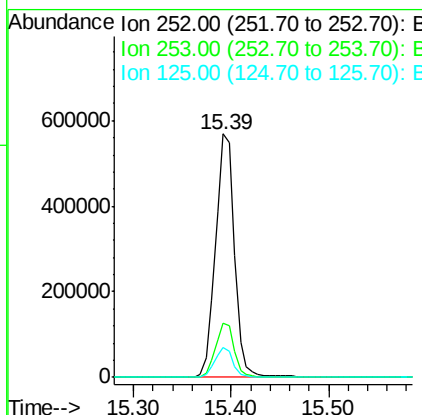
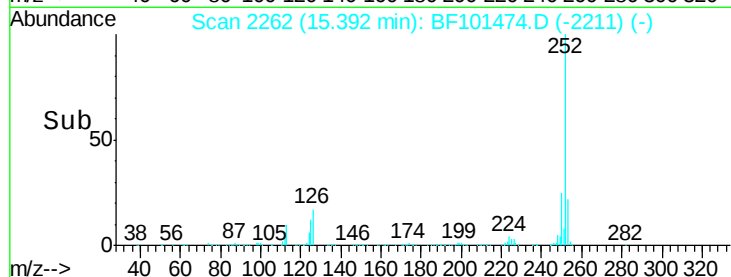
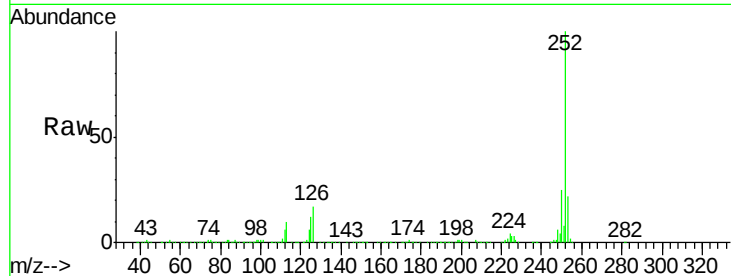
#89
Benzo(a)pyrene
Concen: 36.491 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB105093BS

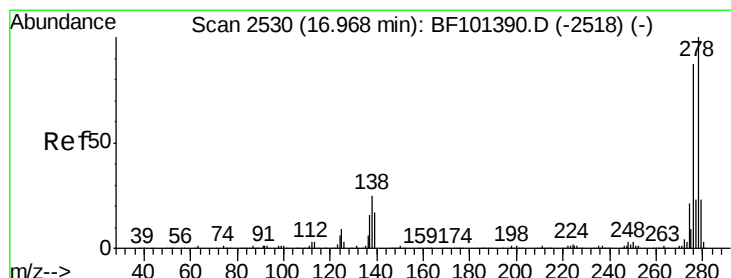
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.4	9.8	14.6

Manual Integrations
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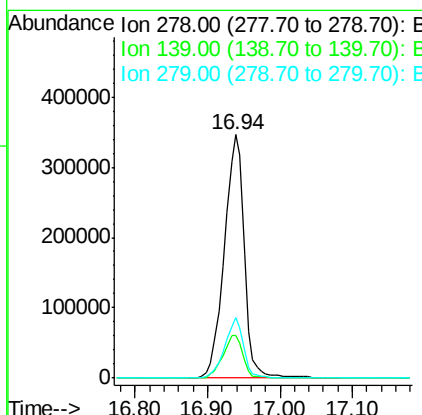
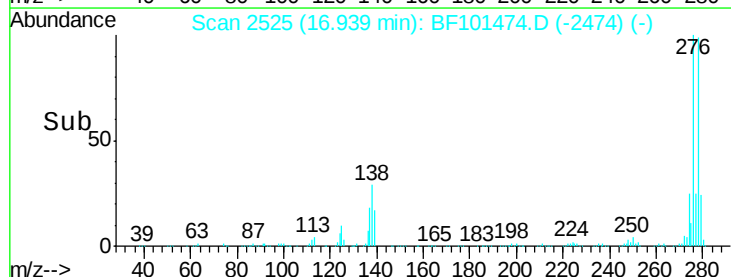
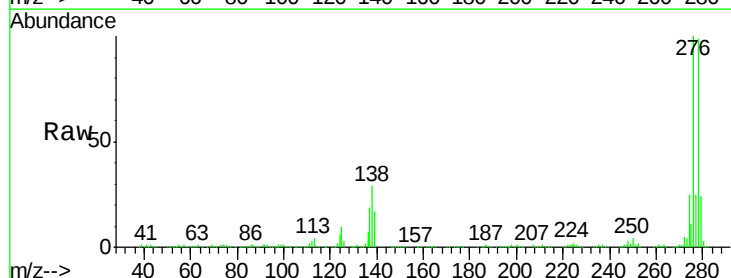


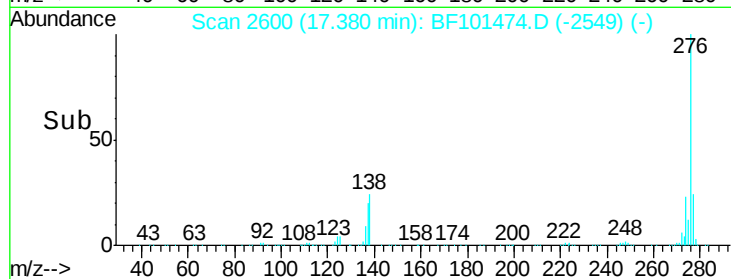
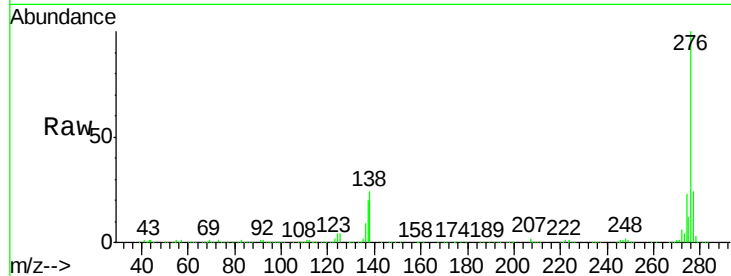
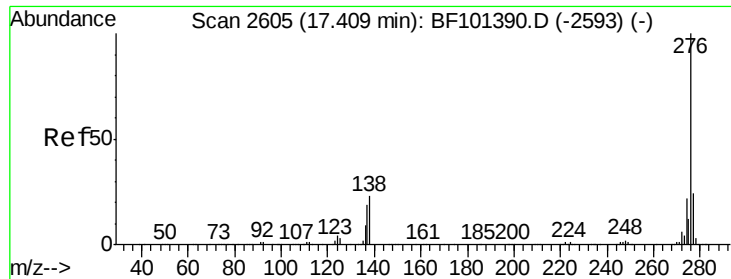
12/19/2017 4:49:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.816 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF101474.D
Acq: 18 Dec 2017 12:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.9	23.9
279	24.7	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 40.568 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BF101474.D

Acq: 18 Dec 2017 12:21

Tgt Ion:	276	Resp:	724394
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	24.2	21.8	32.8

Instrument :

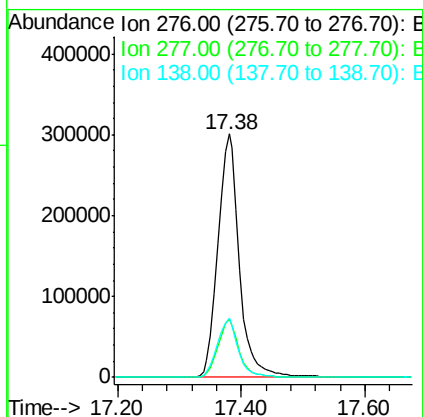
BNA_F

ClientSampleId :

PB105093BS

Manual Integrations
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