

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104782.D
 Acq On : 25 Apr 2018 12:18
 Operator : JU/SJ
 Sample : PB108528BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:09:09 PM

Quant Time: Apr 25 14:32:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115806	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	495987	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	236758	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	434358	20.00	ng	0.00
75) Chrysene-d12	13.99	240	332271	20.00	ng	0.00
86) Perylene-d12	15.46	264	240480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	690171	91.13	ng	0.01
7) Phenol-d6	6.45	99	844302	90.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	541008	71.23	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	250384	101.95	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1027466	68.56	ng	0.00
78) Terphenyl-d14	12.92	244	1079966	74.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	84212	23.863	ng	91
3) Pyridine	3.33	79	239732	24.162	ng	87
4) n-Nitrosodimethylamine	3.28	42	94889	27.358	ng	# 78
6) Aniline	6.46	93	121063	9.364	ng	# 1
8) 2-Chlorophenol	6.59	128	252151	31.543	ng	89
9) Benzaldehyde	6.35	77	104652	18.419	ng	95
10) Phenol	6.46	94	289466	29.317	ng	86
11) bis(2-Chloroethyl)ether	6.54	93	228353	28.982	ng	93
12) 1,3-Dichlorobenzene	6.74	146	264936	29.255	ng	98
13) 1,4-Dichlorobenzene	6.82	146	268715	29.767	ng	99
14) 1,2-Dichlorobenzene	6.97	146	252989	30.241	ng	99
15) Benzyl Alcohol	6.95	79	206673	29.241	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	270851	25.597	ng	74
17) 2-Methylphenol	7.06	107	206957	29.784	ng	93
18) Hexachloroethane	7.31	117	99224	30.828	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	163694	26.920	ng	91
20) 3+4-Methylphenols	7.22	107	264855	30.733	ng	# 72
22) Acetophenone	7.21	105	342226	28.026	ng	99
24) Nitrobenzene	7.39	77	255802	30.503	ng	99
25) Isophorone	7.62	82	459732	28.622	ng	99
26) 2-Nitrophenol	7.70	139	137897	40.391	ng	93
27) 2,4-Dimethylphenol	7.75	122	220083	31.047	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	296659	30.208	ng	99
29) 2,4-Dichlorophenol	7.95	162	211823	31.317	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	215829	29.076	ng	99
31) Naphthalene	8.11	128	719390	29.128	ng	100
33) 4-Chloroaniline	8.16	127	79208	7.486	ng	97
34) Hexachlorobutadiene	8.22	225	119917	29.494	ng	98
35) Caprolactam	8.53	113	65203m	27.634	ng	
36) 4-Chloro-3-methylphenol	8.65	107	229832	31.690	ng	100
37) 2-Methylnaphthalene	8.80	142	481999	30.171	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	211127	31.152	ng	100
40) Hexachlorocyclopentadiene	8.95	237	180208	47.495	ng	99
42) 2,4,6-Trichlorophenol	9.08	196	149488	31.774	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	158946	30.190	nq	98
45) 1,1'-Biphenyl	9.26	154	582244	29.274	nq	99
46) 2-Chloronaphthalene	9.29	162	454785	28.949	nq	98
47) 2-Nitroaniline	9.39	65	137616	35.422	nq	95
48) Acenaphthylene	9.70	152	691021	28.035	nq	100
49) Dimethylphthalate	9.56	163	551583	29.543	nq	100
50) 2,6-Dinitrotoluene	9.63	165	121003	35.026	nq	94
51) Acenaphthene	9.87	154	404241	26.880	nq	99
52) 3-Nitroaniline	9.80	138	69095	17.084	nq	92
53) 2,4-Dinitrophenol	9.92	184	17406	21.480	nq	# 20
54) Dibenzofuran	10.05	168	605415	28.887	nq	98
55) 4-Nitrophenol	9.98	139	177168	55.765	nq	98
56) 2,4-Dinitrotoluene	10.04	165	159199	35.131	nq	# 100
57) Fluorene	10.39	166	492831	32.306	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	114770	29.220	nq	95
59) Diethylphthalate	10.26	149	722358	38.848	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	227624	33.505	nq	97
61) 4-Nitroaniline	10.42	138	133362	33.724	nq	99
62) Azobenzene	10.55	77	489149	27.535	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	28478	18.749	nq	81
65) n-Nitrosodiphenylamine	10.50	169	444632	29.523	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	139797	30.258	nq	91
67) Hexachlorobenzene	10.95	284	158819	30.550	nq	# 85
68) Atrazine	11.04	200	143275	31.517	nq	99
69) Pentachlorophenol	11.15	266	82878	25.769	nq	97
70) Phenanthrene	11.36	178	703845	29.098	nq	99
71) Anthracene	11.41	178	736412	29.949	nq	100
72) Carbazole	11.57	167	669314	27.856	nq	99
73) Di-n-butylphthalate	11.89	149	862070	29.371	nq	99
74) Fluoranthene	12.55	202	750693	29.703	nq	97
76) Benzidine	12.67	184	280737	21.230	nq	97
77) Pyrene	12.78	202	752831	30.567	nq	99
79) Butylbenzylphthalate	13.39	149	364298	31.397	nq	99
80) Benzo(a)anthracene	13.97	228	628864	31.680	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	71443	9.653	nq	98
82) Chrysene	14.01	228	597257	29.293	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	509086	34.111	nq	99
84) Di-n-octyl phthalate	14.57	149	751905	30.151	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	454267	26.227	nq	95
87) Benzo(b)fluoranthene	15.03	252	511092	33.650	nq	99
88) Benzo(k)fluoranthene	15.06	252	423521	29.536	nq	98
89) Benzo(a)pyrene	15.39	252	421382	31.007	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	378526	33.914	nq	# 96
91) Benzo(g,h,i)perylene	17.36	276	394342	36.468	nq	95

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

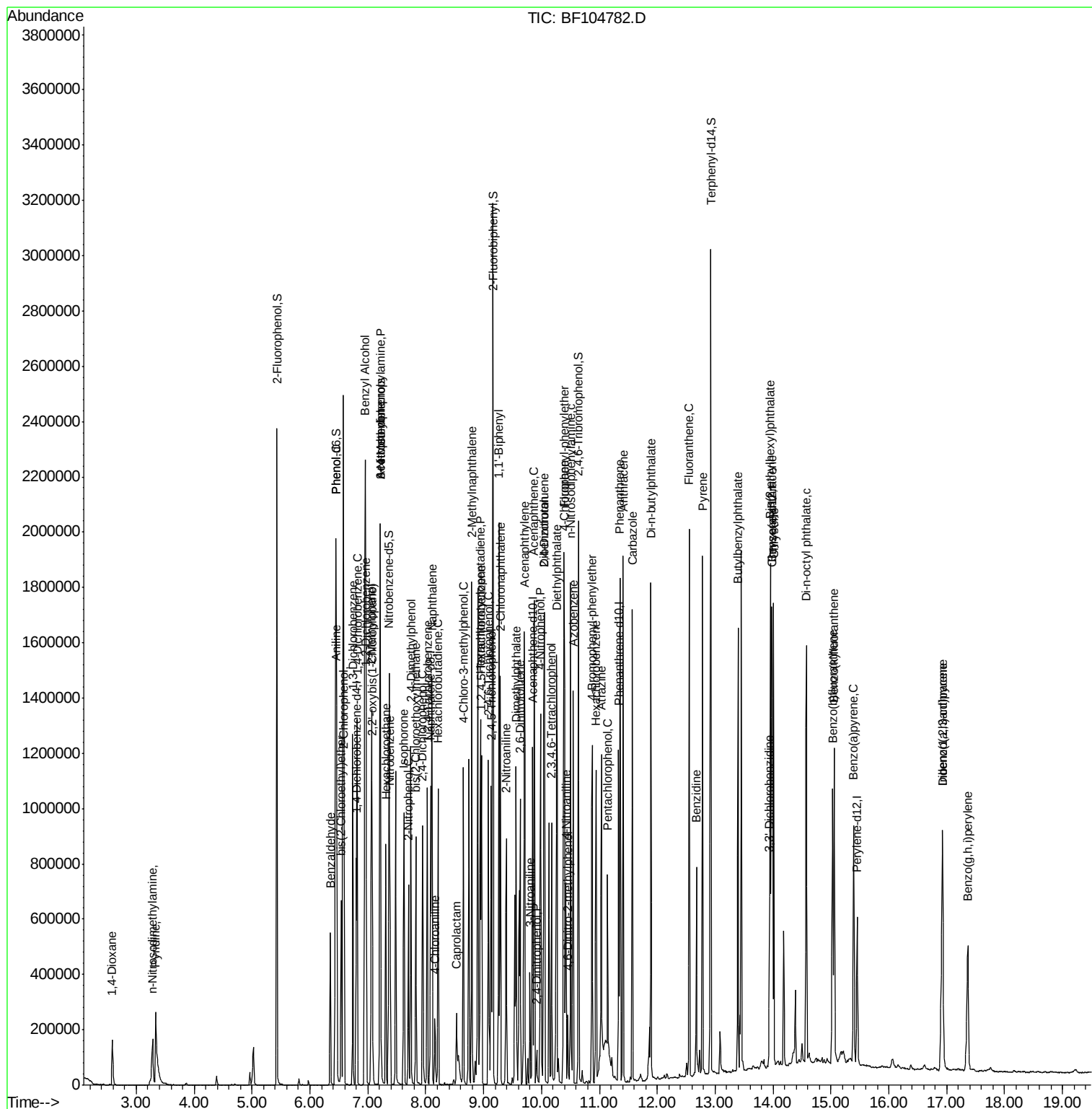
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104782.D
Acq On    : 25 Apr 2018  12:18
Operator  : JU/SJ
Sample    : PB108528BS
Misc      :
ALS Vial  : 3      Sample Multiplier: 1
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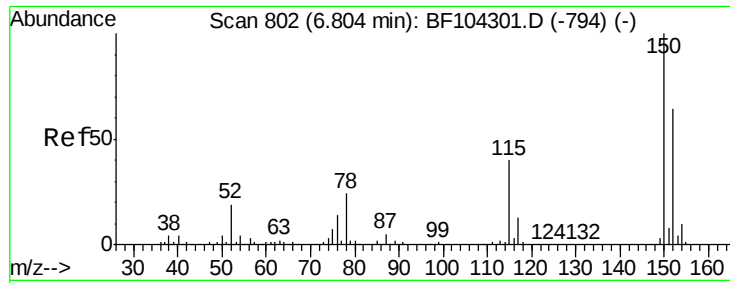
Instrument :
BNA_F
ClientSampleId :
PB108528BS

Manual Integrations APPROVED

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#1

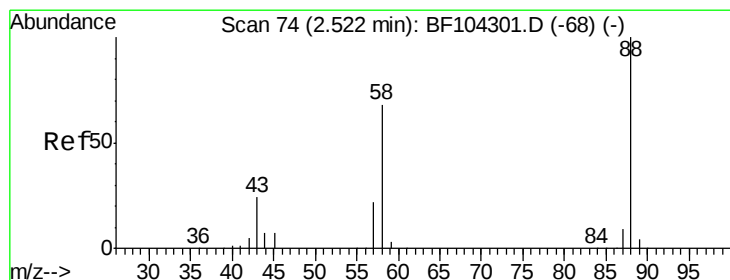
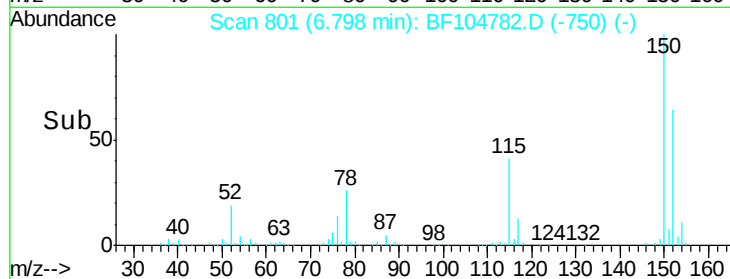
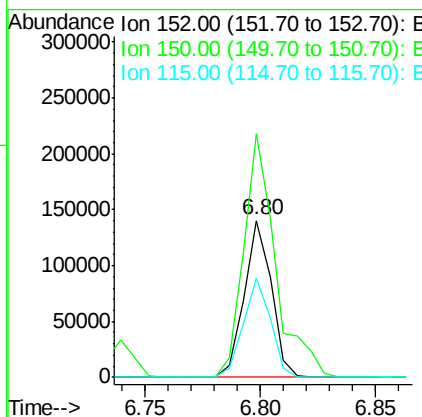
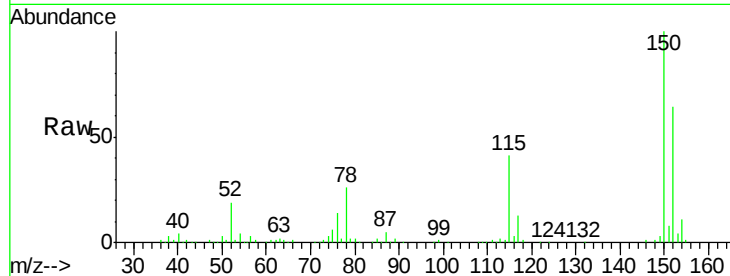
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	63.5	50.1	75.1

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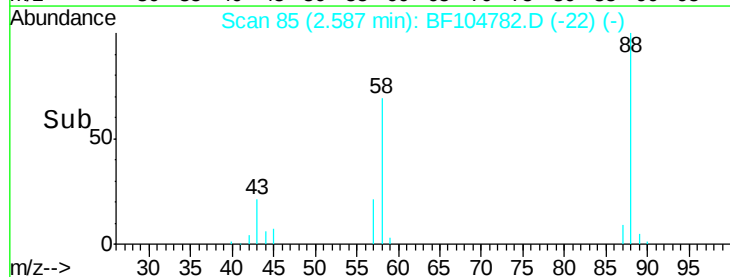
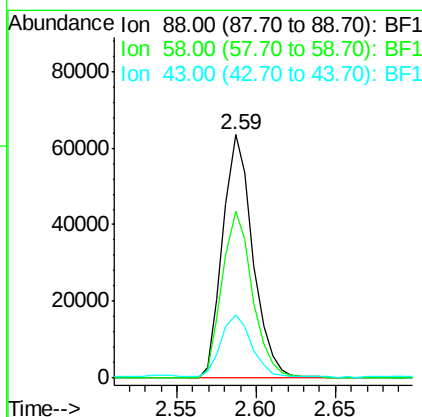
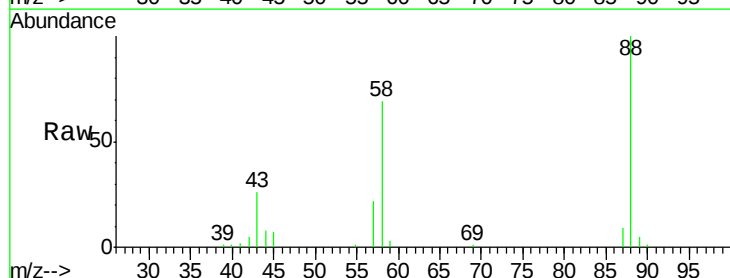
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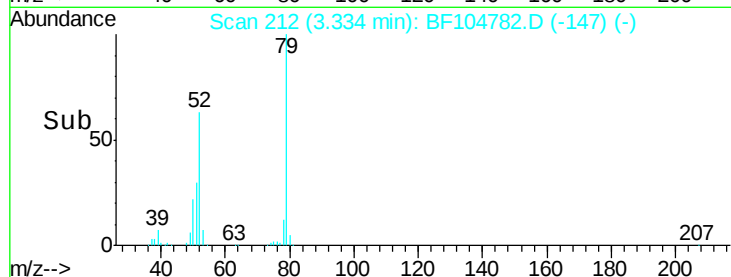
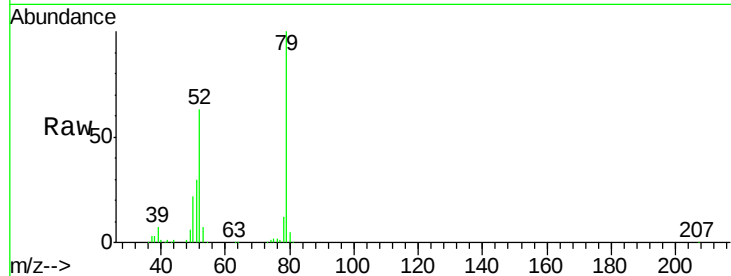
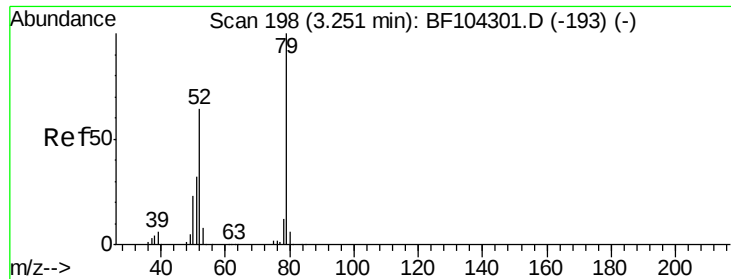


#2

1,4-Dioxane
Concen: 23.863 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	62.6	93.8
43	28.1	24.6	37.0





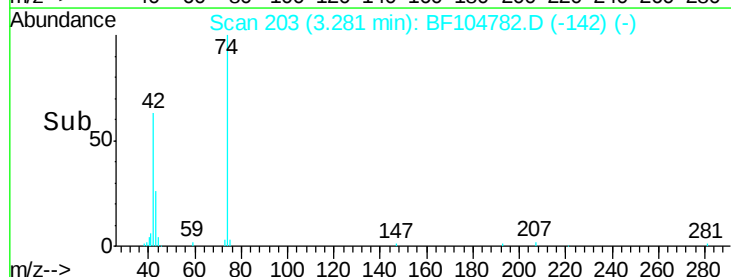
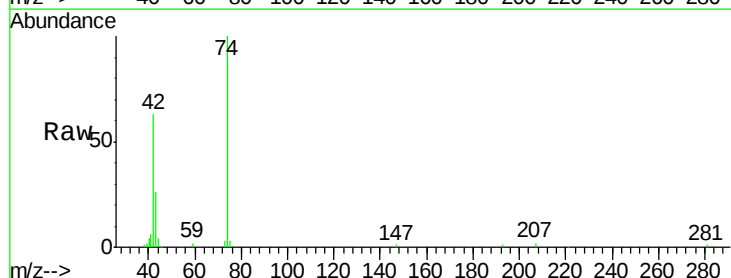
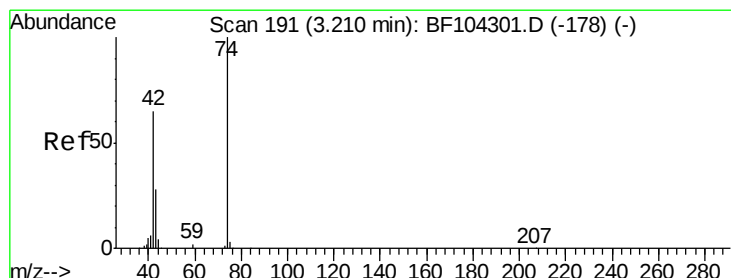
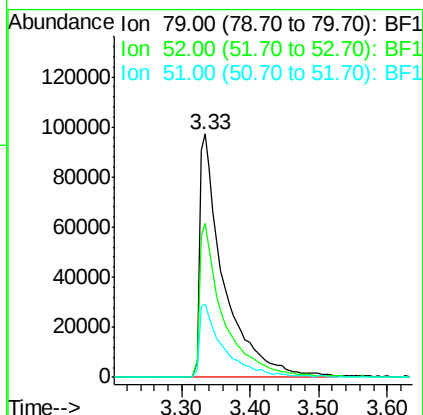
#3
 Pvridine
 Concen: 24.162 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		239732		
52	63.2	59.8	89.6		
51	30.1	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

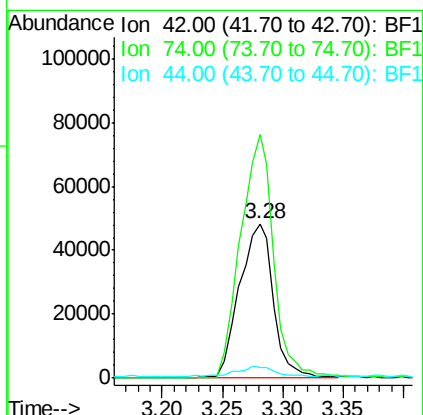
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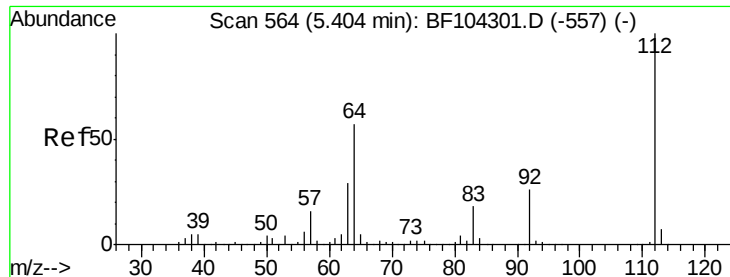
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#4
 n-Nitrosodimethylamine
 Concen: 27.358 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.06 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		94889		
74	158.0	104.9	157.3#		
44	6.9	6.9	10.3		





#5

2-Fluorophenol

Concen: 91.127 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

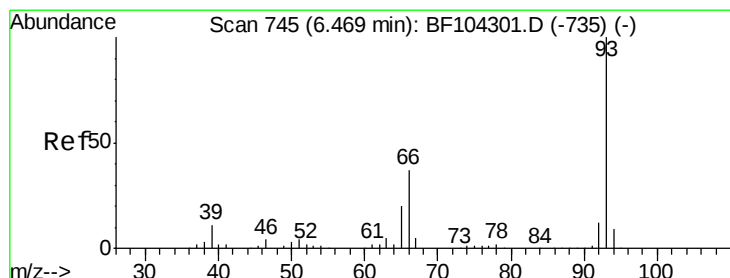
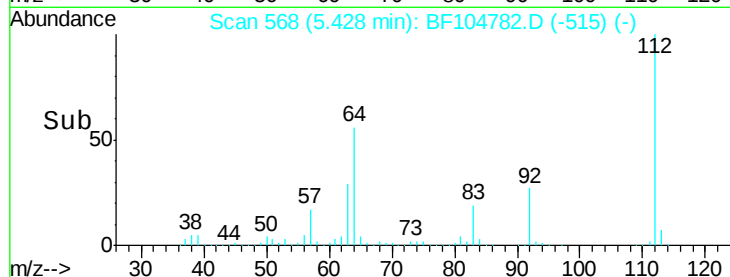
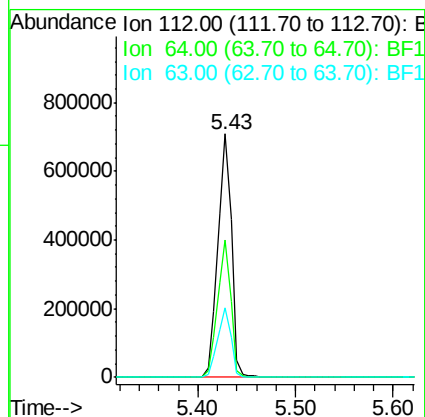
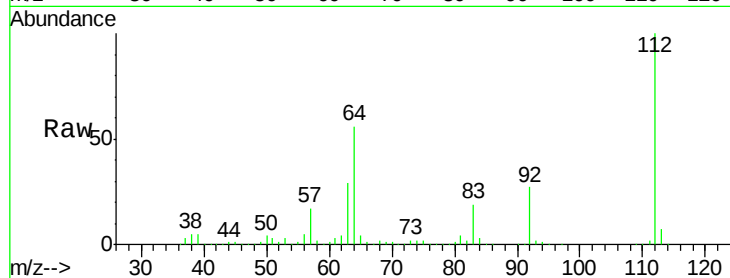
ClientSampleId :

PB108528BS

Tot Ion:	112	Resp:	690171
Ion Ratio		Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.7	23.7	35.5

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#6

Aniline

Concen: 9.364 ng

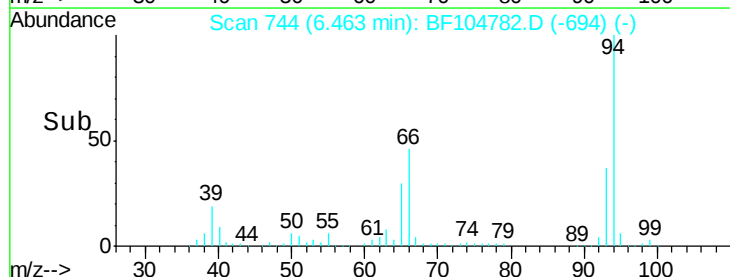
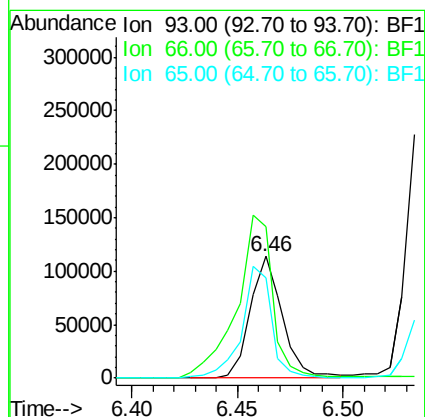
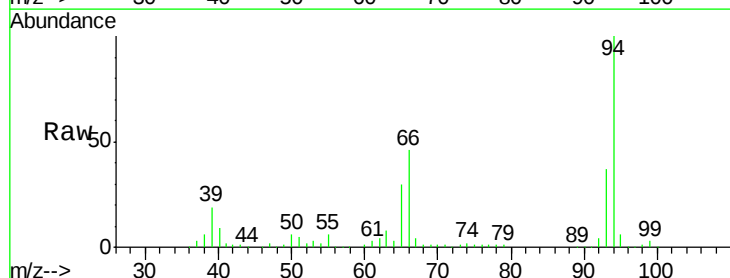
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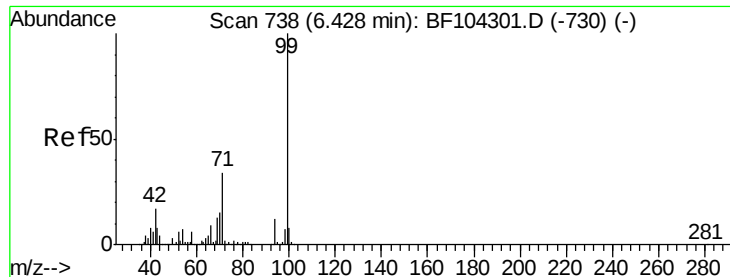
Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	93	Resp:	121063
Ion Ratio		Lower	Upper
93	100		
66	124.1	32.2	48.2#
65	82.6	16.4	24.6#





#7

Phenol-d6

Concen: 90.730 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

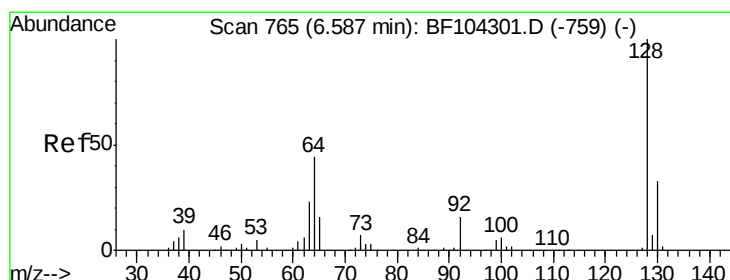
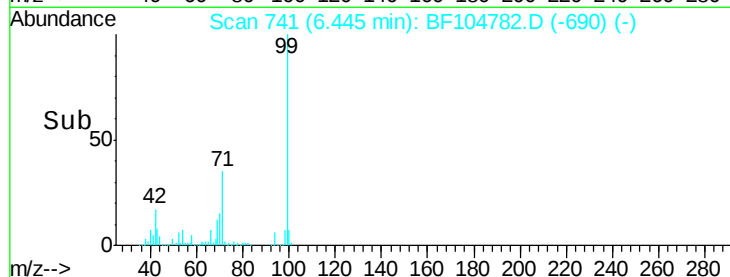
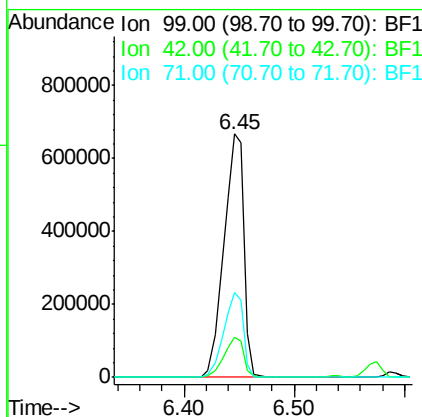
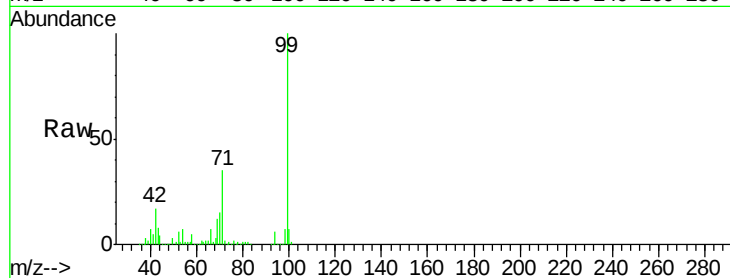
ClientSampleId :

PB108528BS

Tot Ion:	99	Resp:	844302
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	34.8	25.4	38.0

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#8

2-Chlorophenol

Concen: 31.543 ng

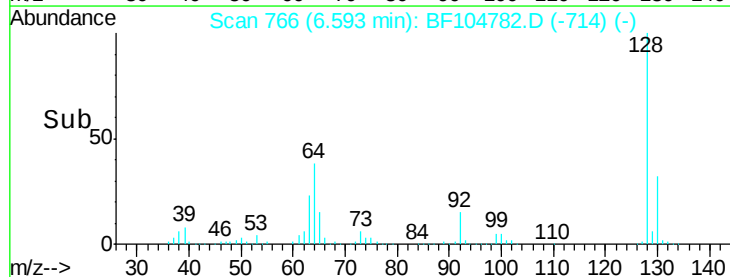
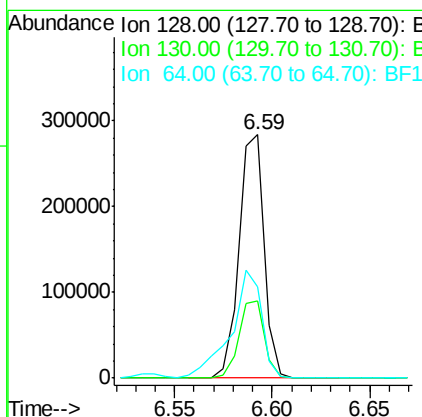
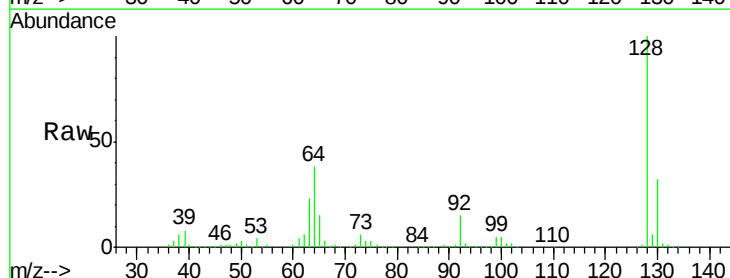
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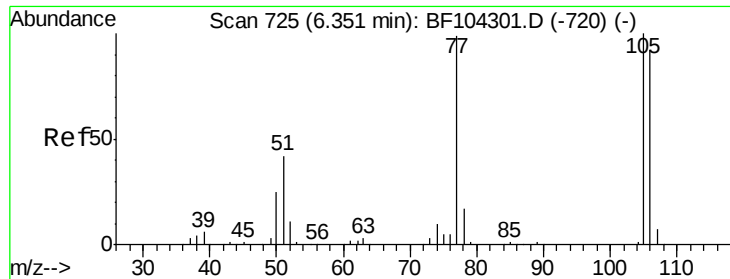
Delta R.T. 0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	128	Resp:	252151
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	37.6	29.4	69.4





#9

Benzaldehyde

Concen: 18.419 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

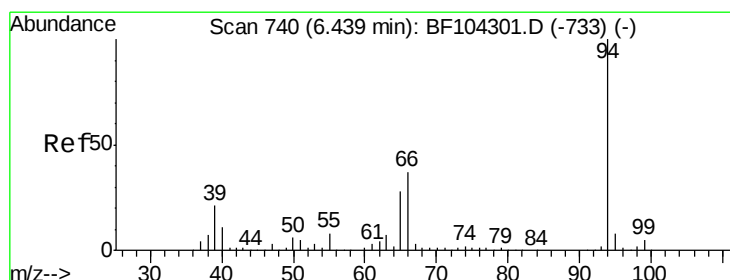
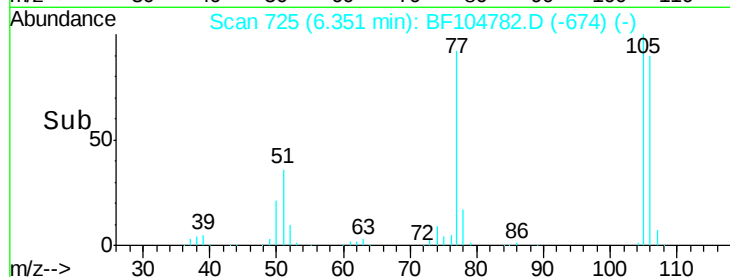
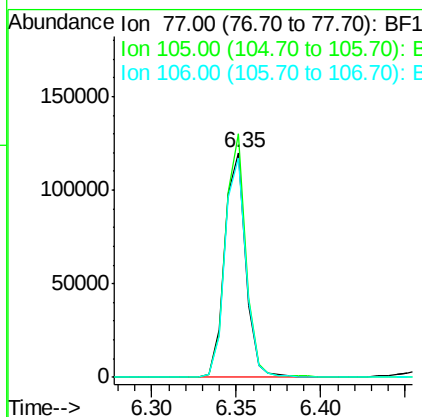
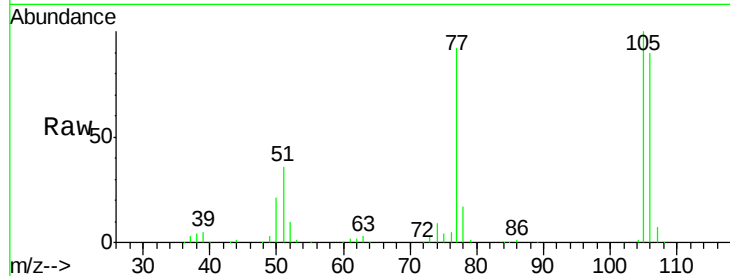
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	108.2	81.1	121.1		
106	97.5	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 29.317 ng

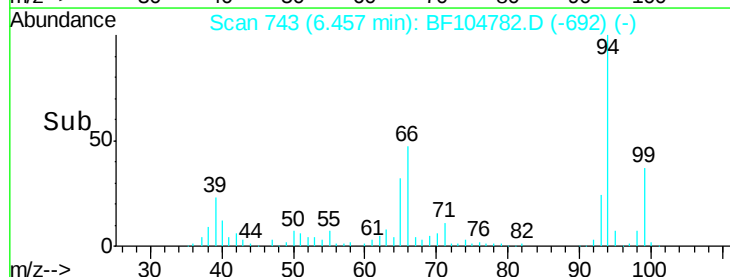
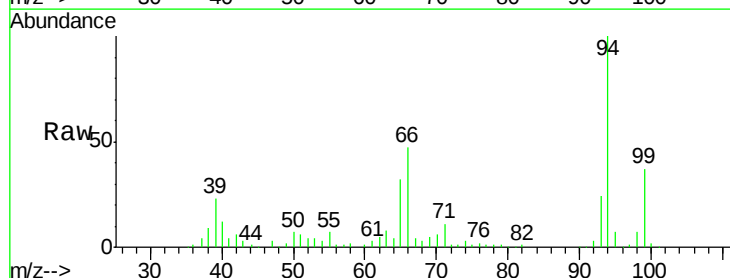
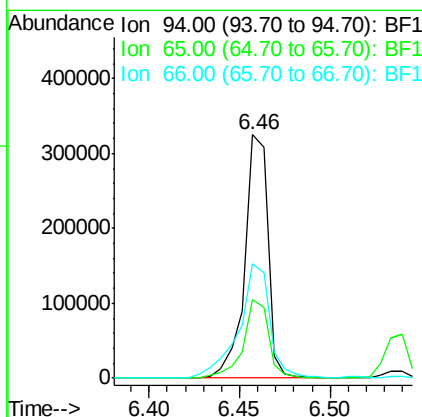
RT: 6.46 min Scan# 743

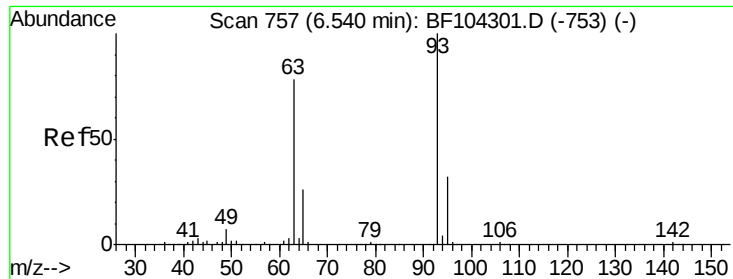
Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.1	7.9	47.9		
66	46.9	16.2	56.2		





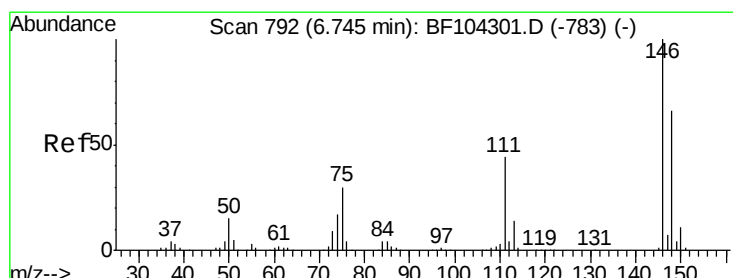
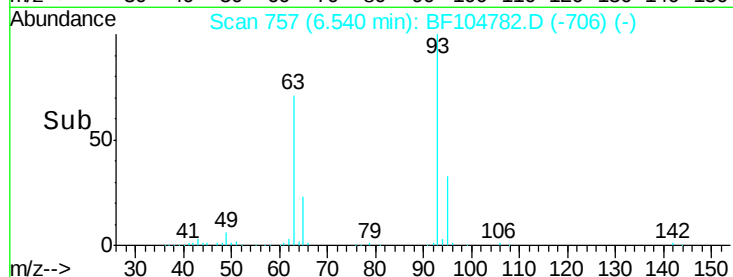
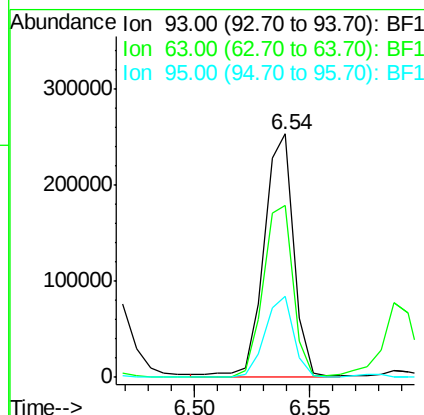
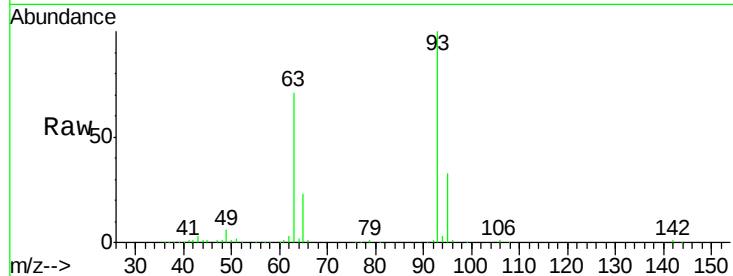
#11
 bis(2-Chloroethyl)ether
 Concen: 28.982 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion:	93	Resp:	228353
Ion Ratio	Lower	Upper	
93	100		
63	70.6	58.6	98.6
95	33.2	11.8	51.8

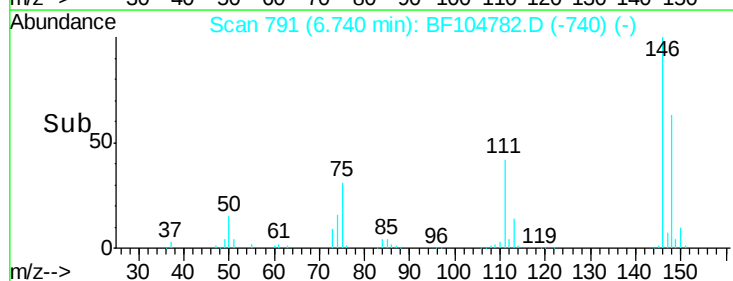
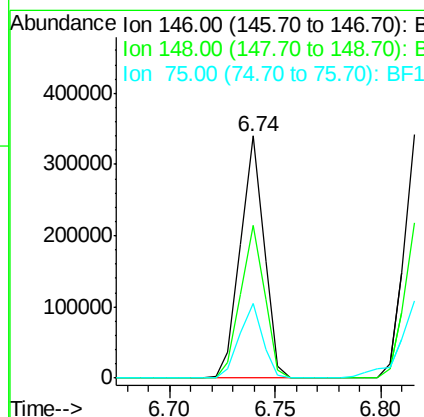
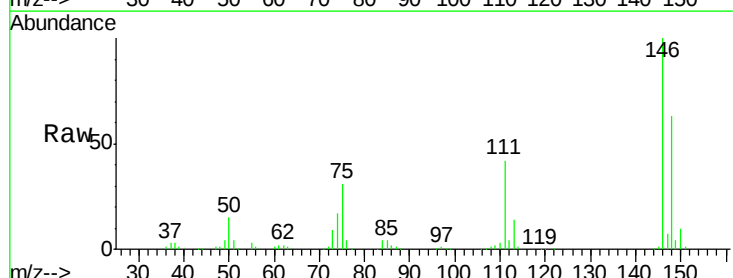
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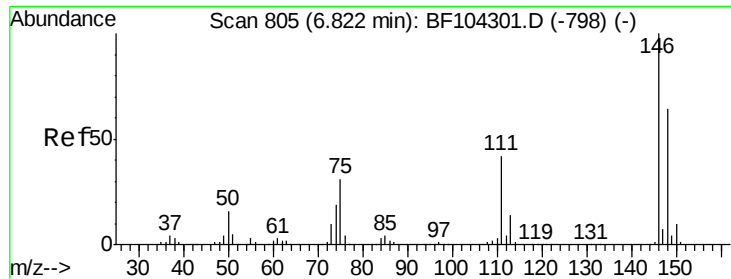
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#12
 1,3-Dichlorobenzene
 Concen: 29.255 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion:	146	Resp:	264936
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	30.7	24.2	36.4





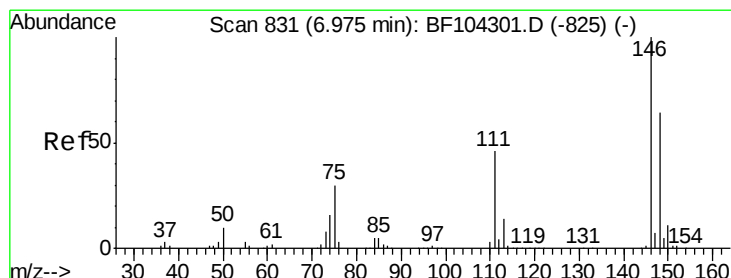
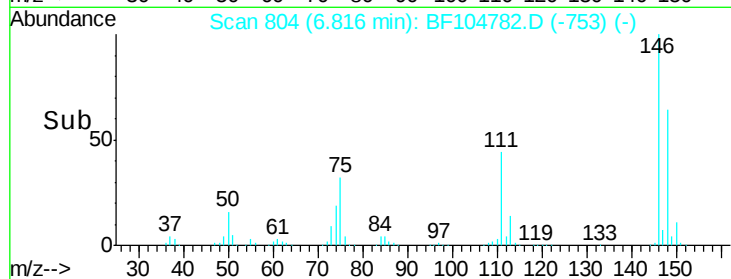
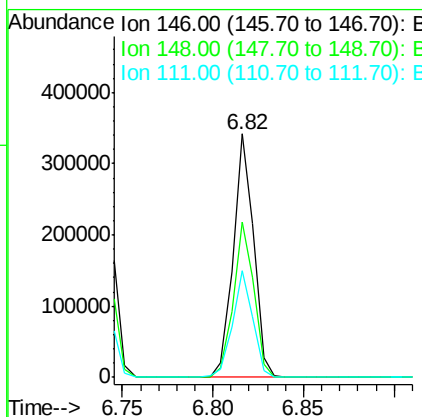
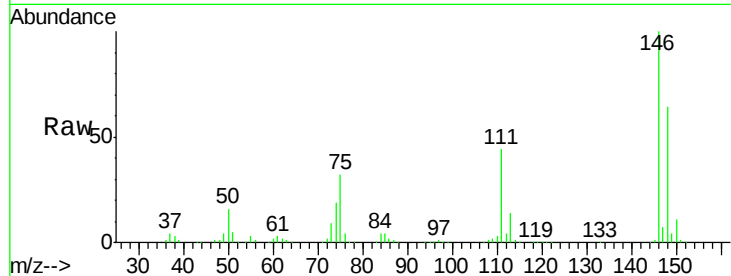
#13
 1,4-Dichlorobenzene
 Concen: 29.767 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Instrument :
 BNA_F
 ClientSampled :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	43.9	34.2	51.2

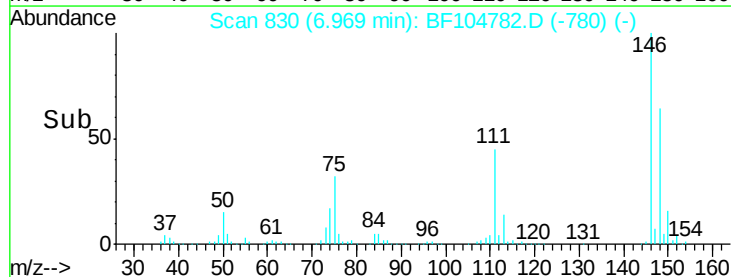
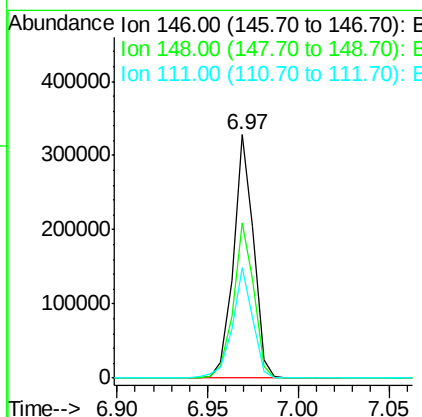
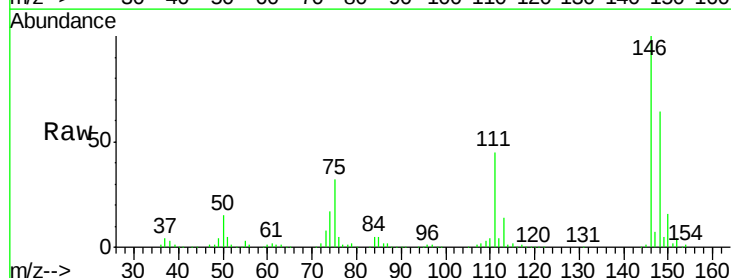
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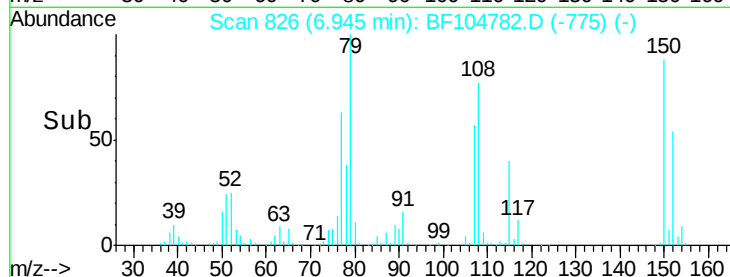
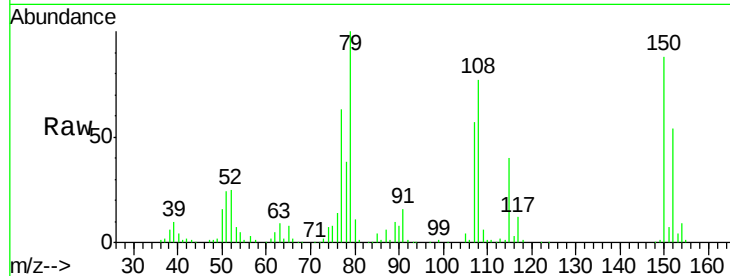
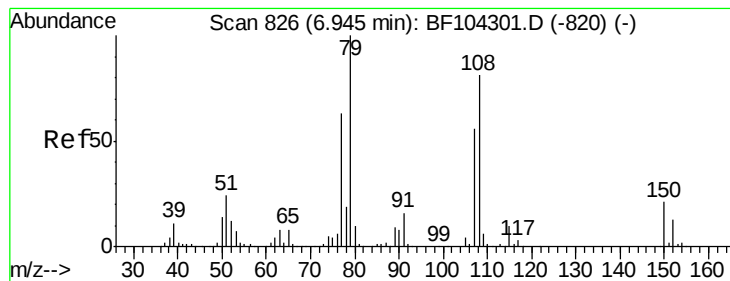
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#14
 1,2-Dichlorobenzene
 Concen: 30.241 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	45.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.241 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tot Ion:	79	Resp:	206673
Ion Ratio	Lower	Upper	
79	100		
108	76.5	65.1	97.7
77	62.6	50.6	75.8

Instrument :

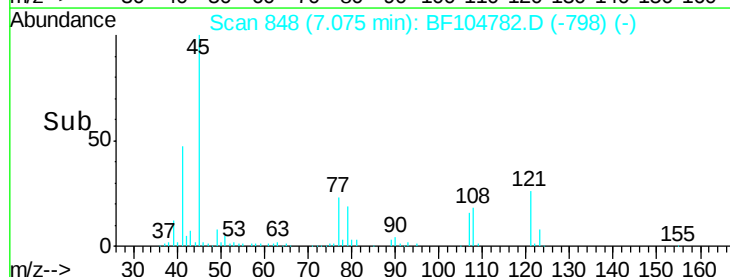
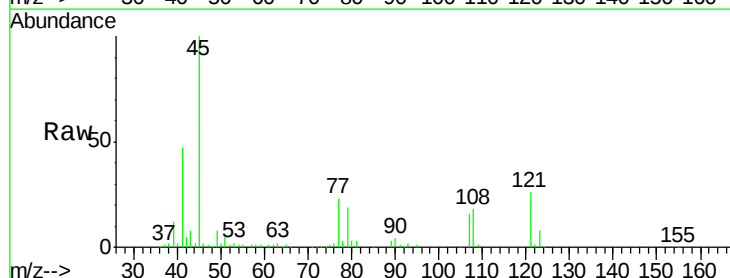
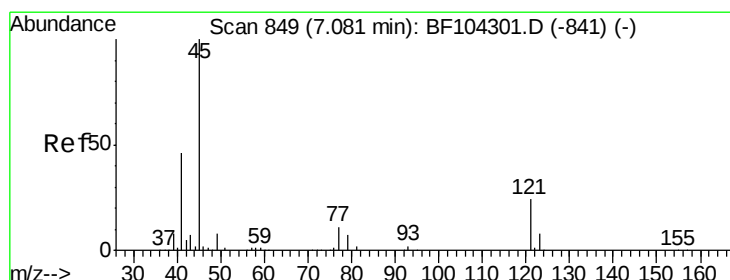
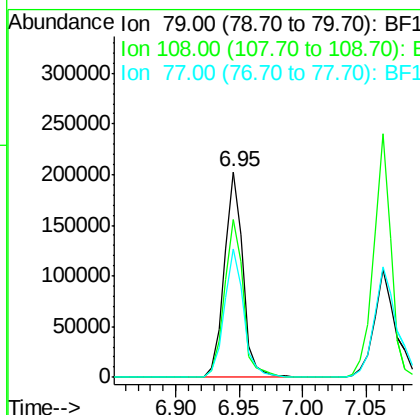
BNA_F

ClientSampleId :

PB108528BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.597 ng

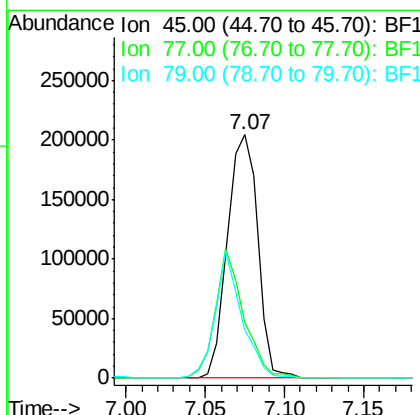
RT: 7.07 min Scan# 848

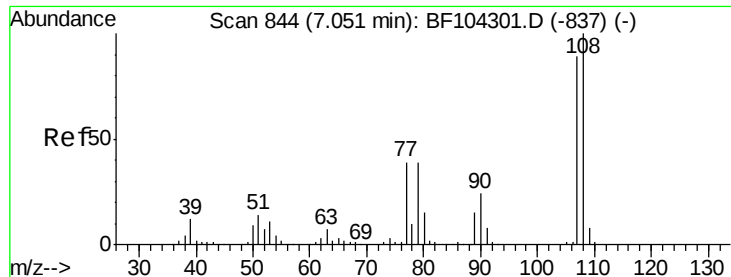
Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	45	Resp:	270851
Ion Ratio	Lower	Upper	
45	100		
77	22.6	0.0	32.9
79	19.5	0.0	29.6





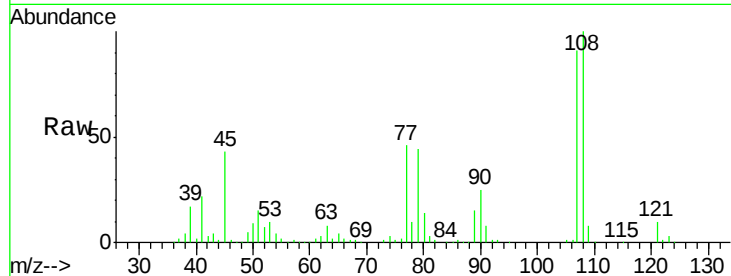
#17
2-Methylphenol
Concen: 29.784 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

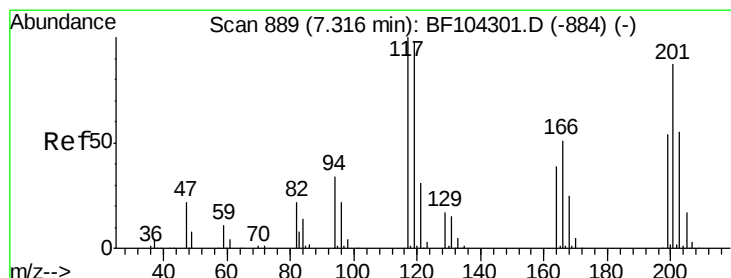
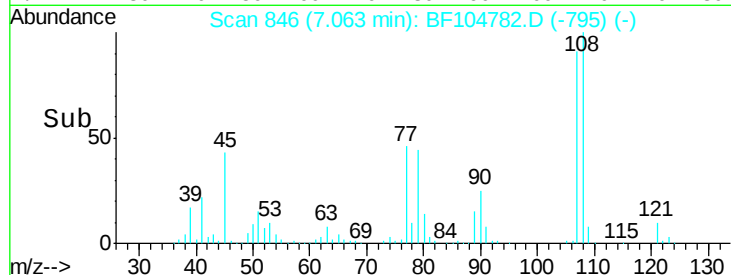
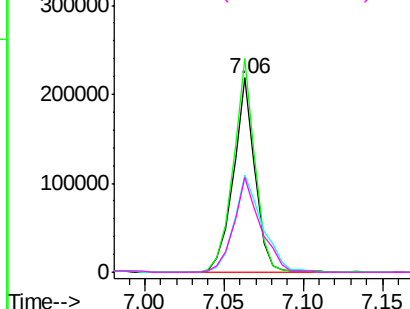
Tot Ion	Ratio	Resp	Lower	Upper
107	100	206957		
108	110.0	91.7	137.5	
77	50.1	33.8	50.8	
79	48.9	33.8	50.8	

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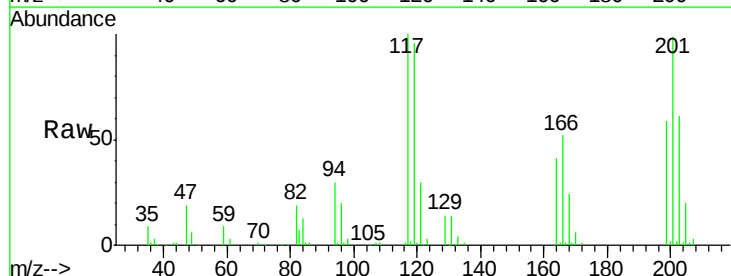


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

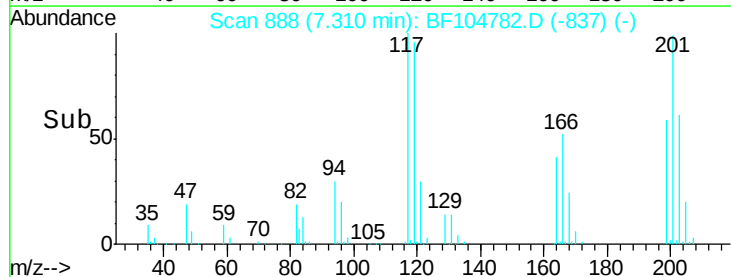
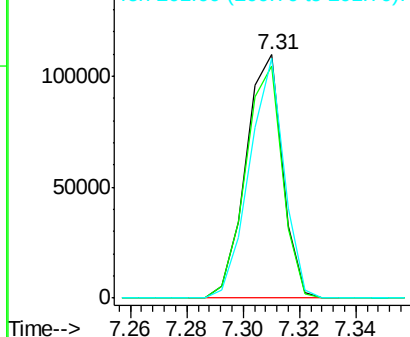


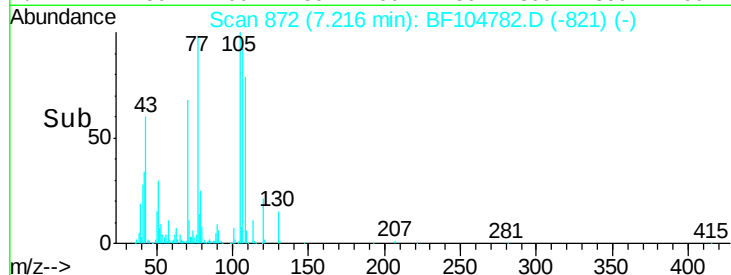
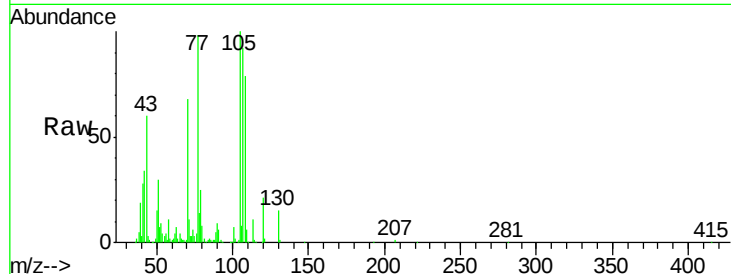
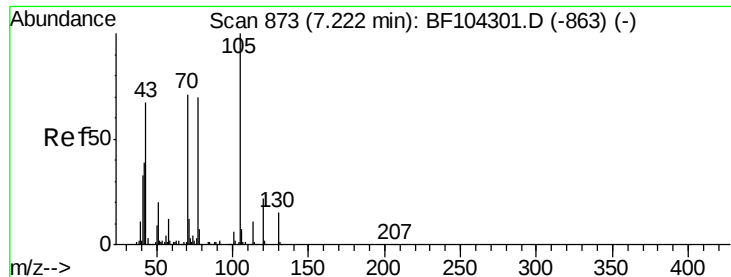
#18
Hexachloroethane
Concen: 30.828 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	99224		
119	95.6	75.8	113.8	
201	98.6	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





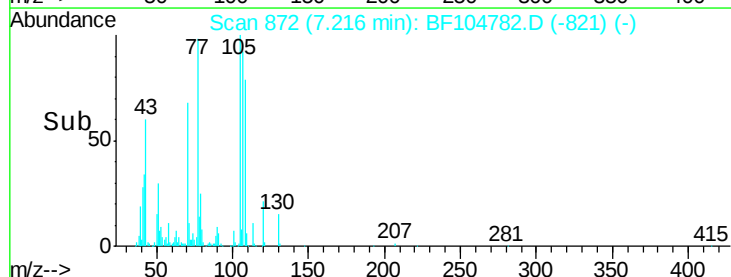
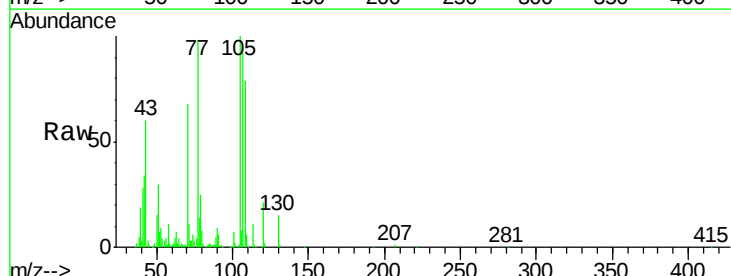
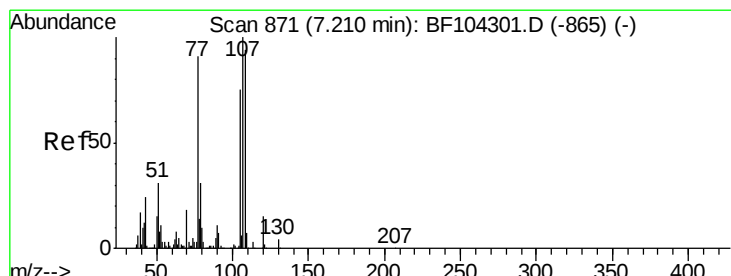
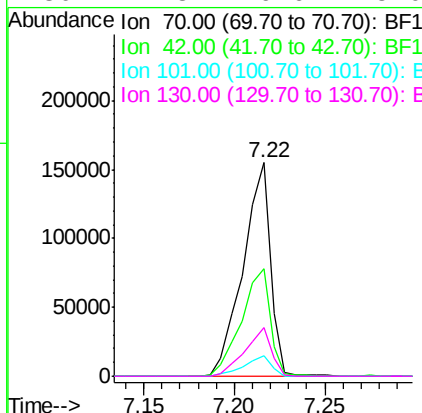
#19
n-Nitroso-di-n-propylamine
Concen: 26.920 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	9.7	7.4	11.2
130	22.8	16.6	25.0

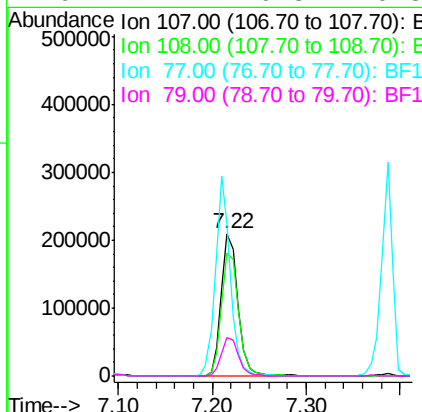
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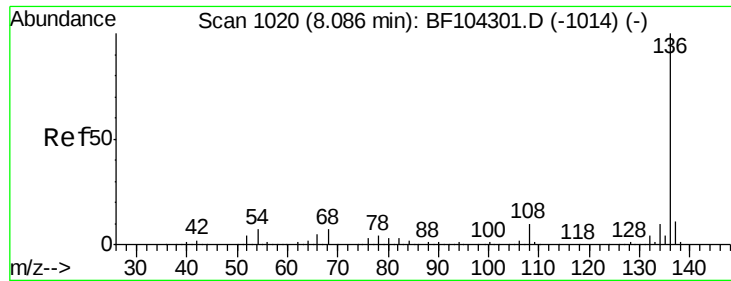
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#20
3+4-Methylphenols
Concen: 30.733 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.2	108.2
77	107.4	26.7	66.7#
79	27.2	6.3	46.3





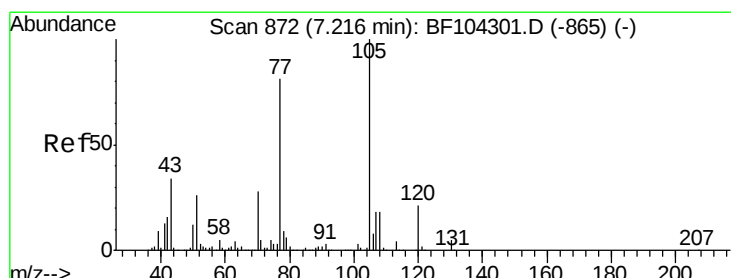
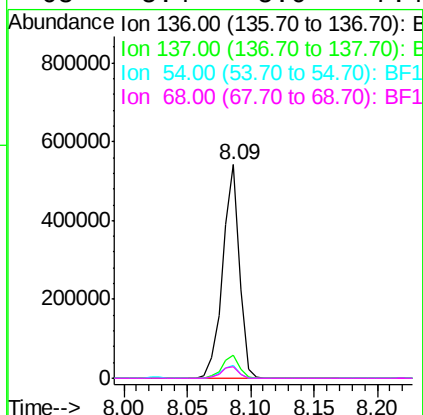
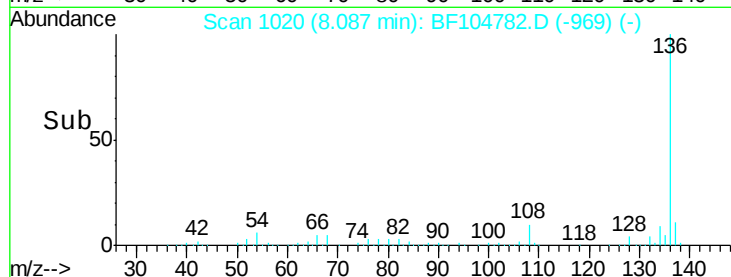
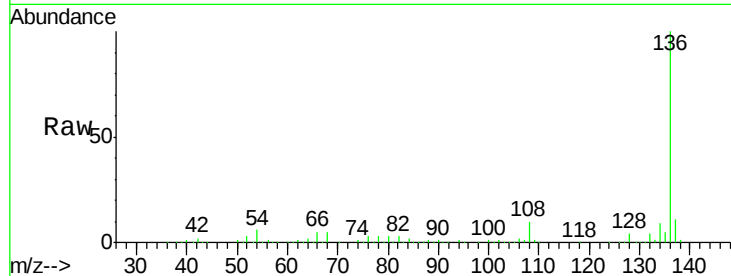
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	495987		
137	10.5	8.9	13.3	
54	6.0	6.6	9.8	
68	5.4	5.0	7.4	

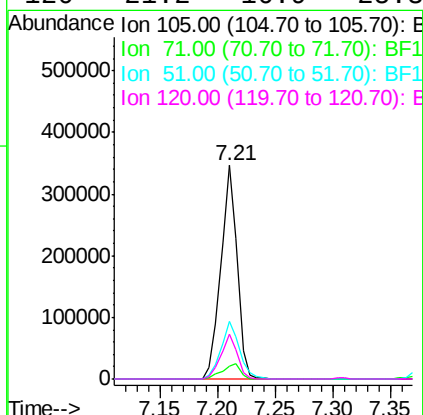
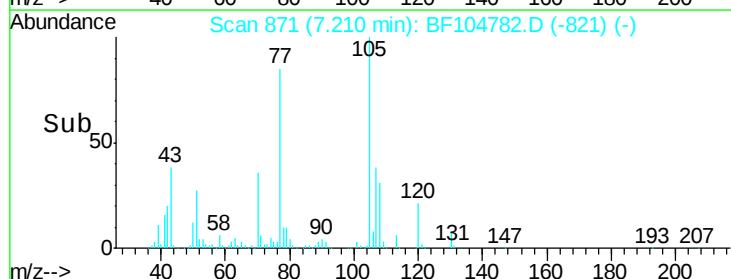
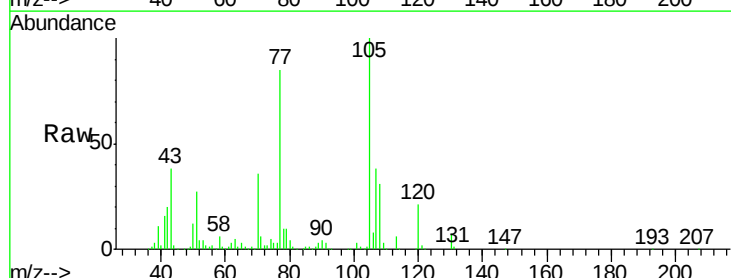
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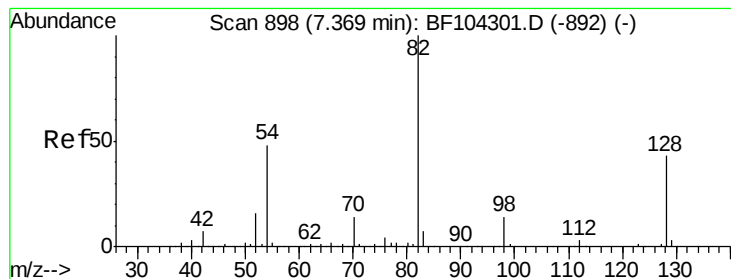
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#22
Acetophenone
Concen: 28.026 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342226		
71	5.9	4.4	6.6	
51	27.2	22.3	33.5	
120	21.2	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 71.225 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

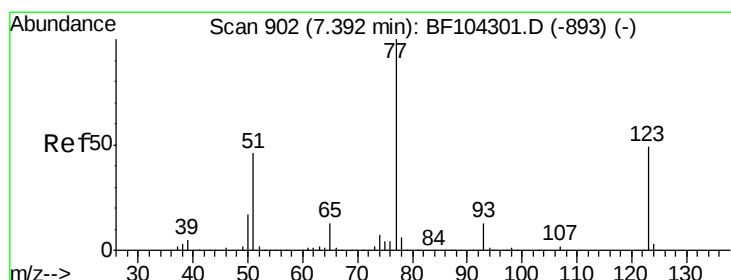
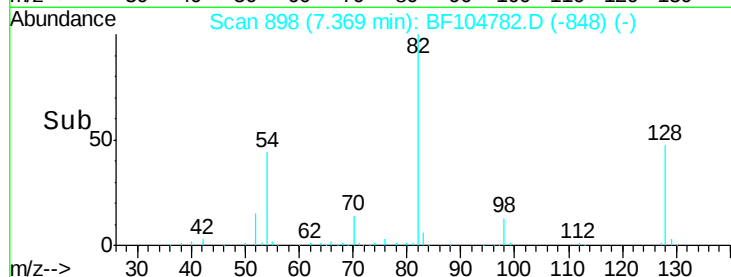
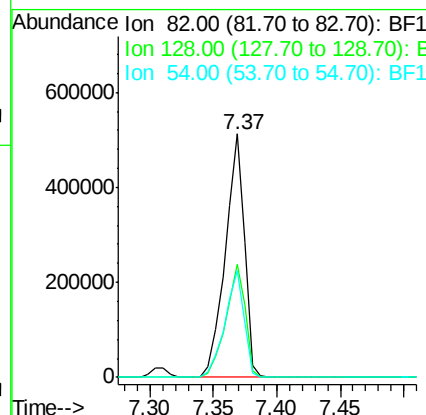
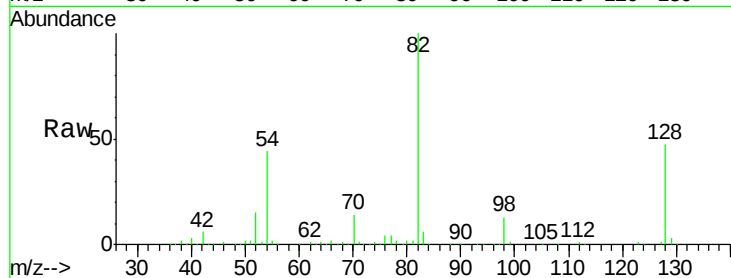
ClientSampleId :

PB108528BS

Tot Ion:	82	Resp:	541008
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	43.8	41.4	62.2

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#24

Nitrobenzene

Concen: 30.503 ng

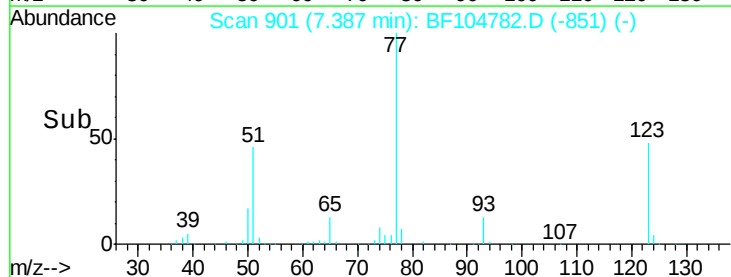
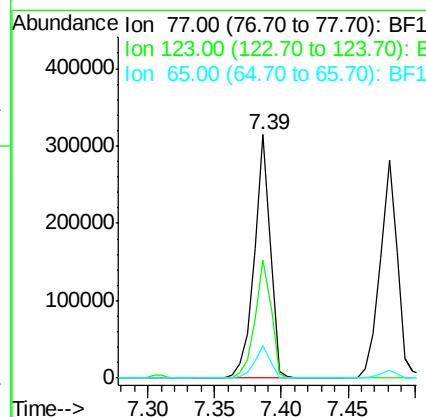
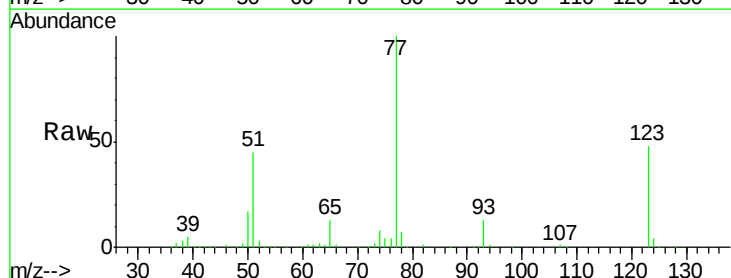
RT: 7.39 min Scan# 901

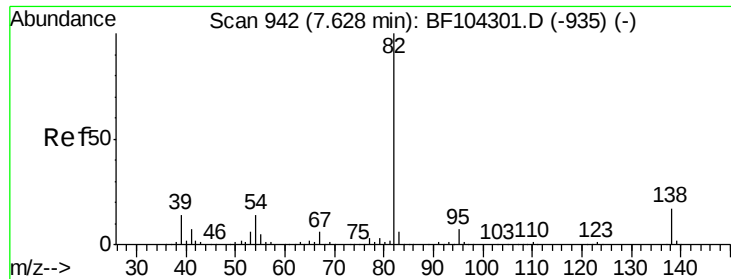
Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	77	Resp:	255802
Ion Ratio	Lower	Upper	
77	100		
123	48.3	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 28.622 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

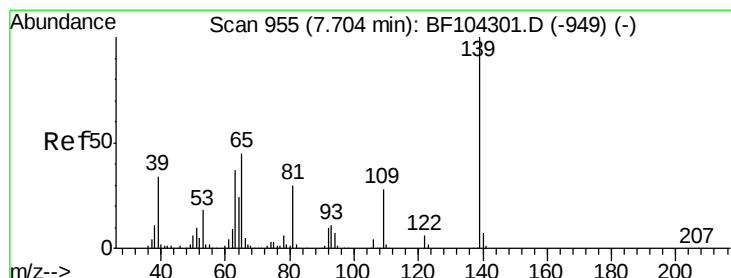
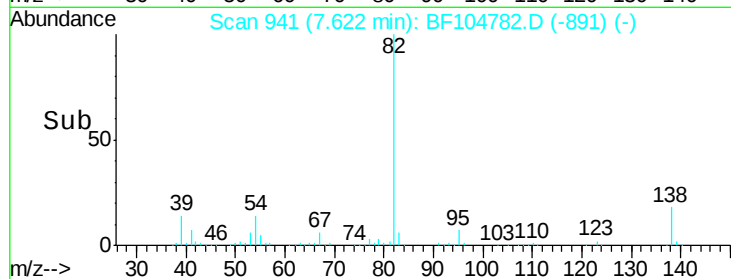
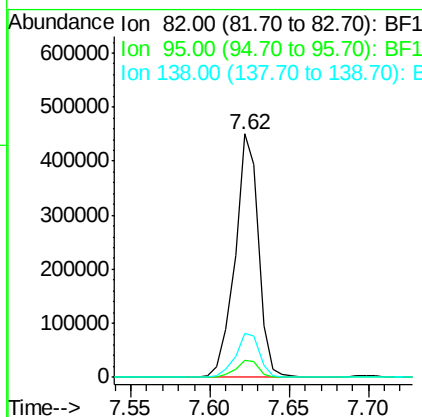
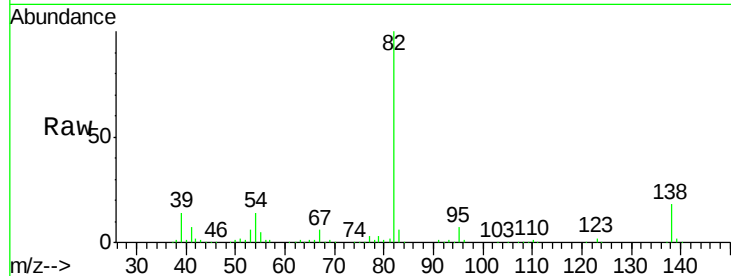
ClientSampleId :

PB108528BS

Tot Ion:	82	Resp:	459732
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	17.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 40.391 ng

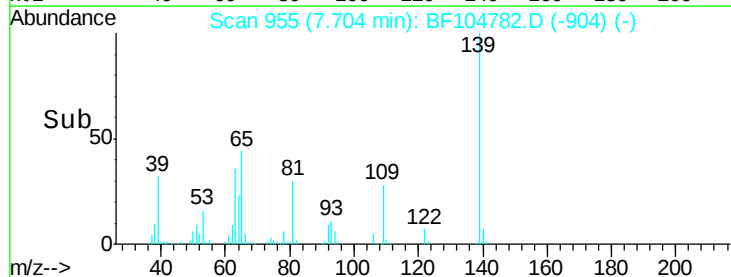
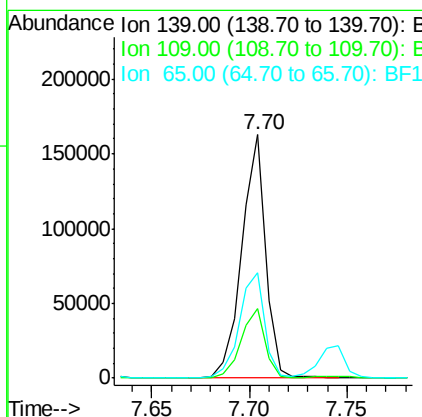
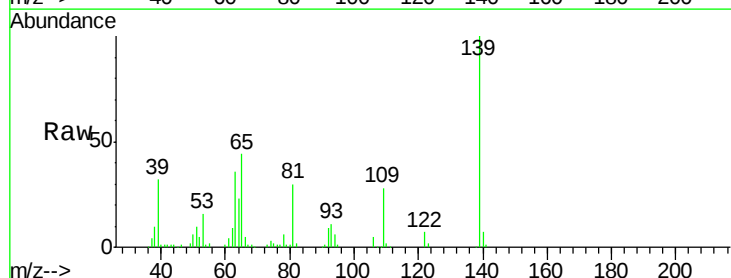
RT: 7.70 min Scan# 955

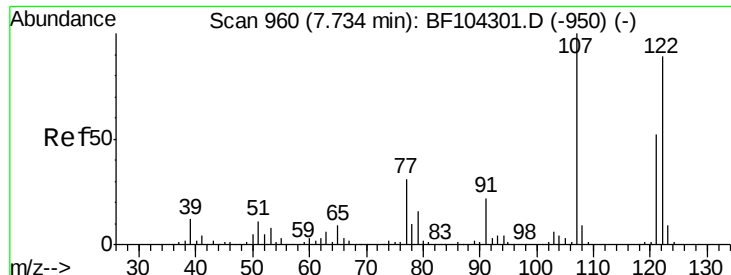
Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	139	Resp:	137897
Ion Ratio		Lower	Upper
139	100		
109	28.4	22.7	34.1
65	43.5	40.5	60.7





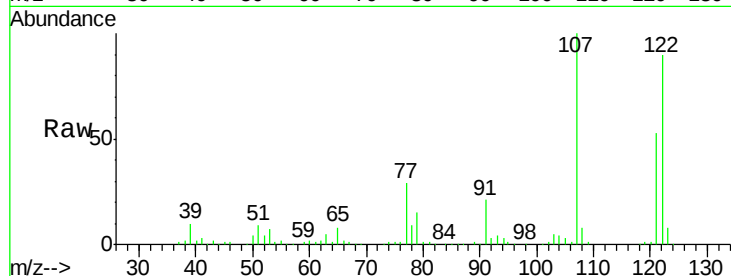
#27
2,4-Dimethylphenol
Concen: 31.047 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

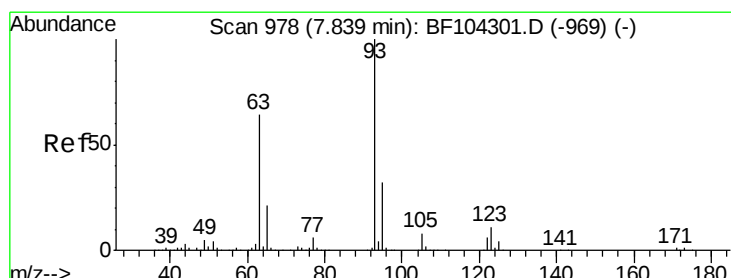
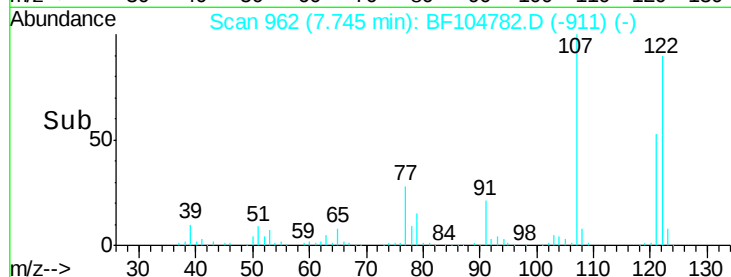
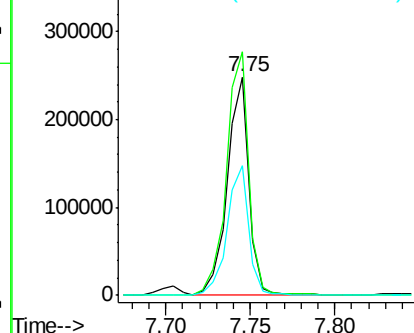
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		220083		
107	111.5	91.2	136.8		
121	59.1	47.2	70.8		

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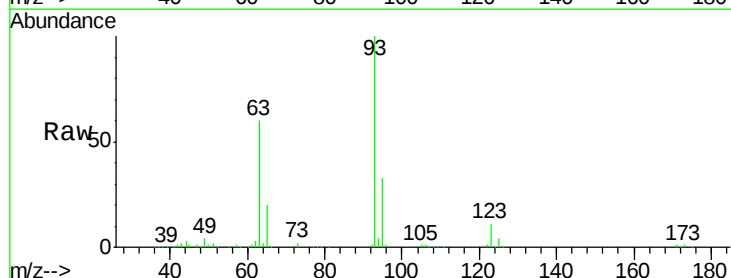


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

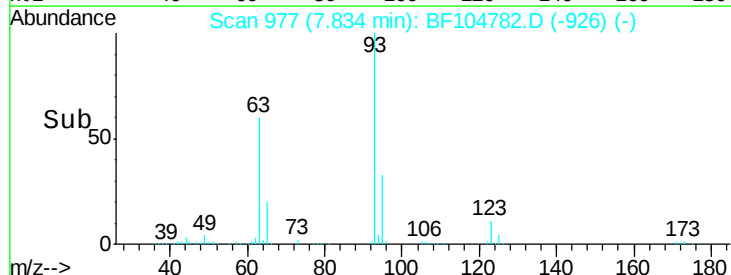
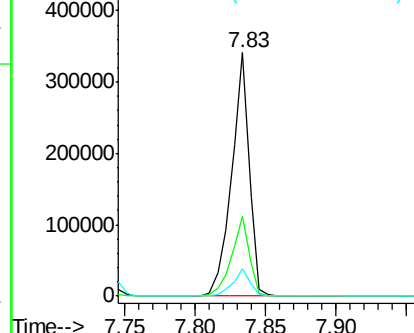


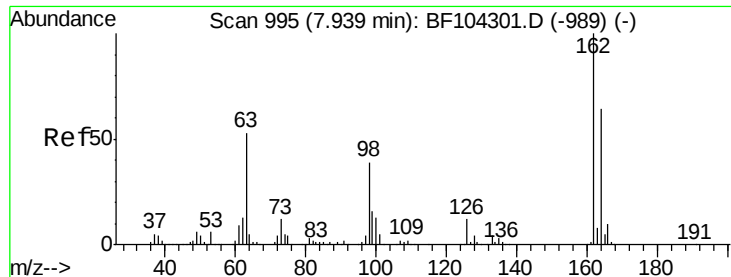
#28
bis(2-Chloroethoxy)methane
Concen: 30.208 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		296659		
95	32.8	26.3	39.5		
123	11.2	9.8	14.6		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





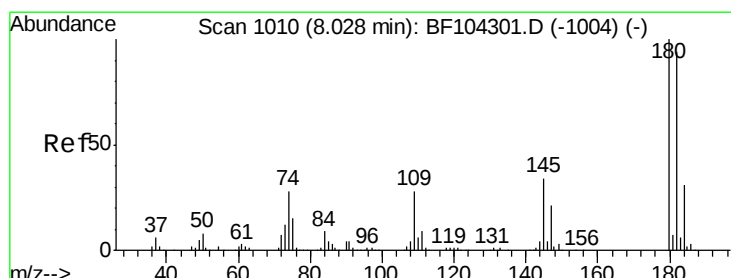
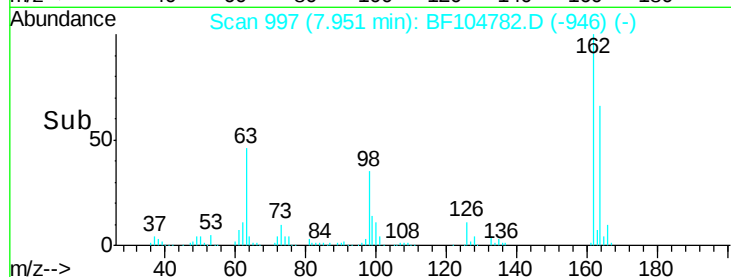
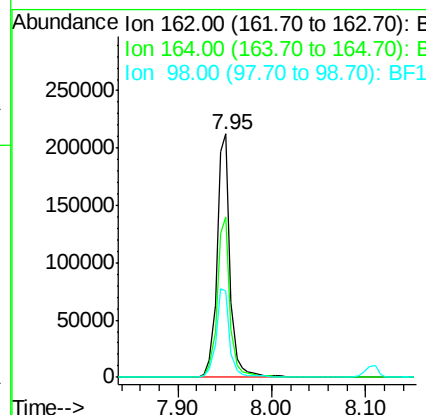
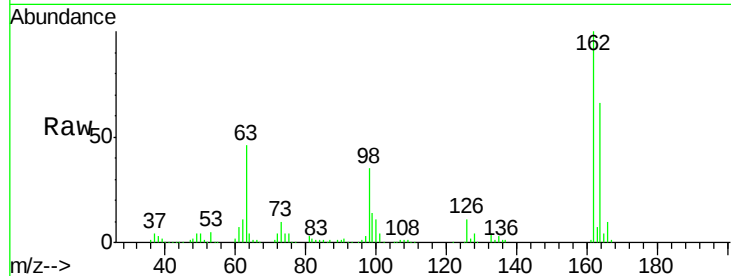
#29
2,4-Dichlorophenol
Concen: 31.317 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleID :
PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	211823		
164	65.7	42.7	82.7	
98	35.2	18.1	58.1	

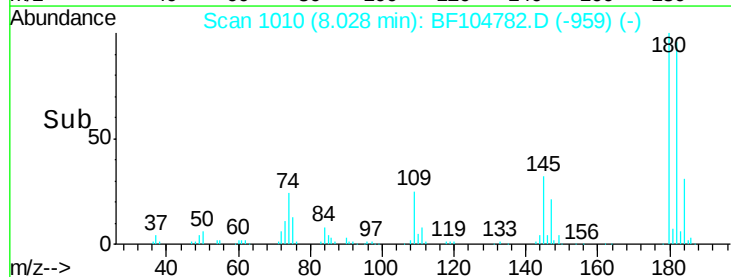
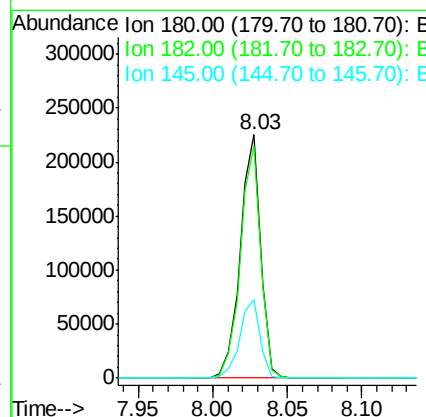
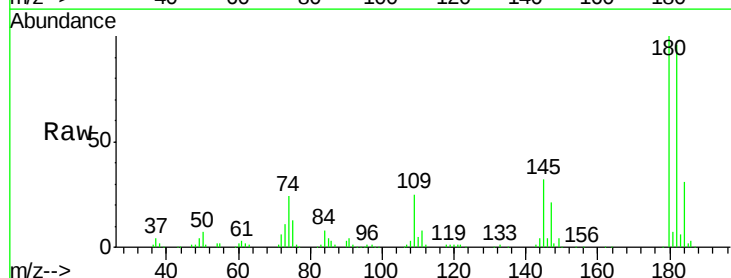
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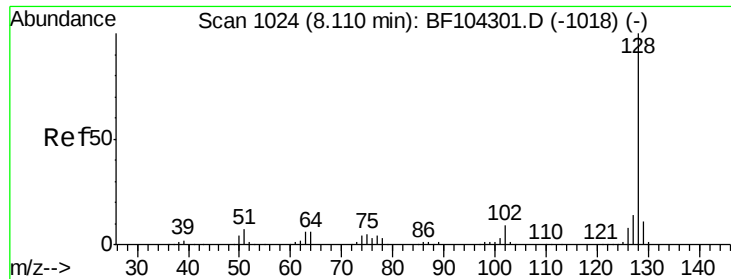
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#30
1,2,4-Trichlorobenzene
Concen: 29.076 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	215829		
182	95.6	76.8	115.2	
145	32.4	26.5	39.7	





#31

Naphthalene

Concen: 29.128 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

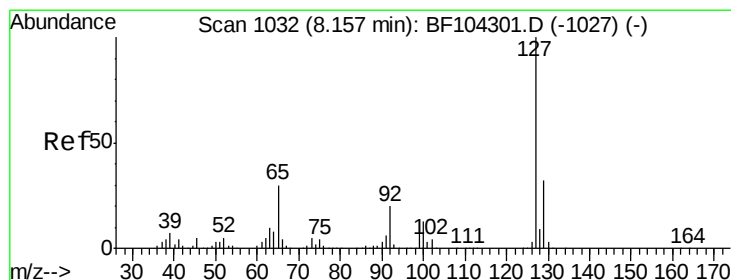
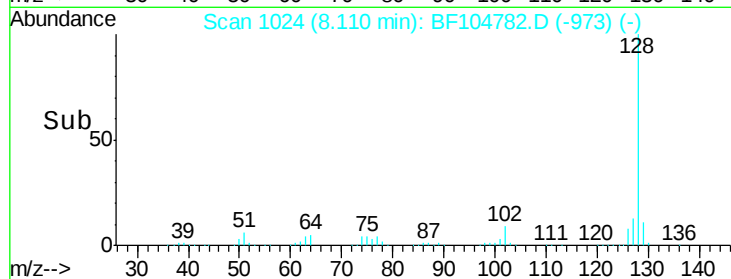
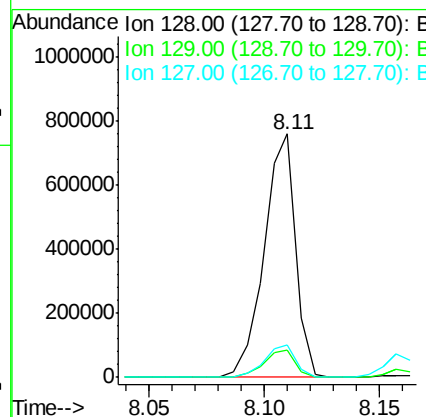
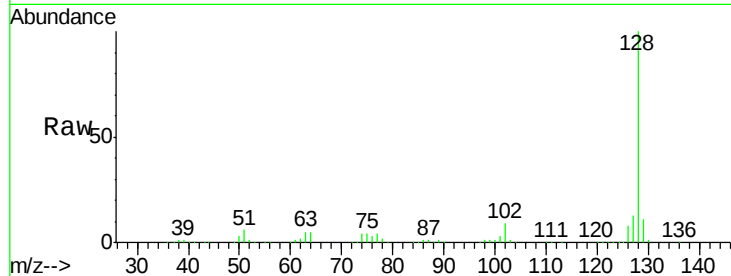
ClientSampleId :

PB108528BS

Tot Ion:	128	Resp:	719390
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.4	10.9	16.3

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4/26/2018 6:09:09 PM



#33

4-Chloroaniline

Concen: 7.486 ng

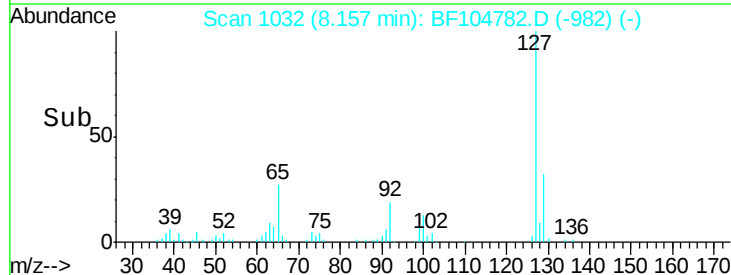
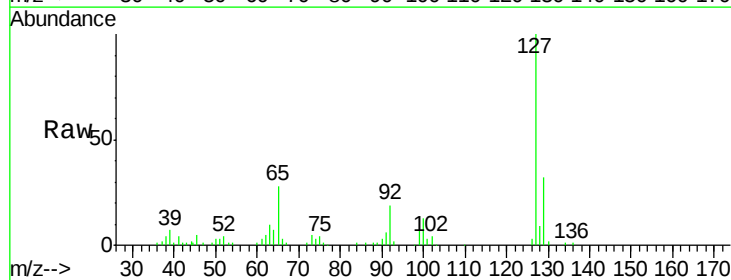
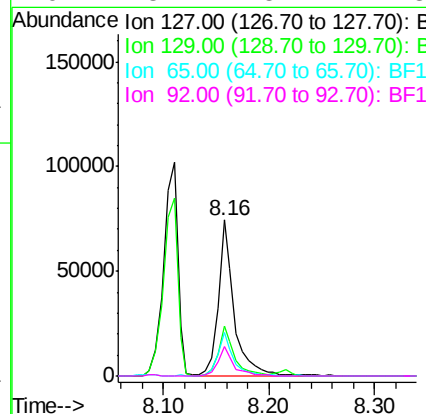
RT: 8.16 min Scan# 1032

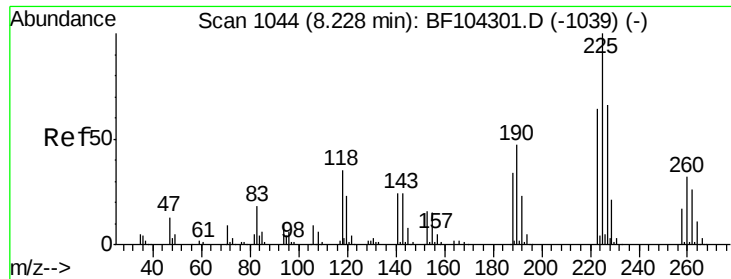
Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	127	Resp:	79208
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.9	38.9
65	27.5	25.0	37.4
92	18.7	15.2	22.8





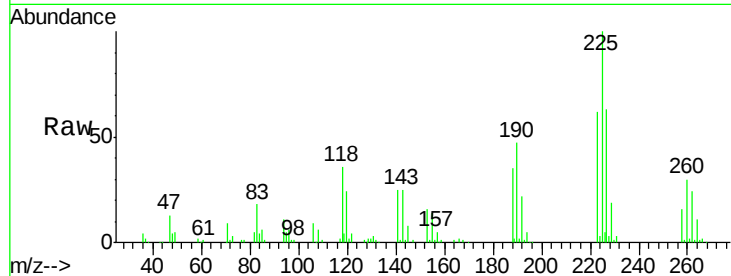
#34
Hexachlorobutadiene
Concen: 29.494 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

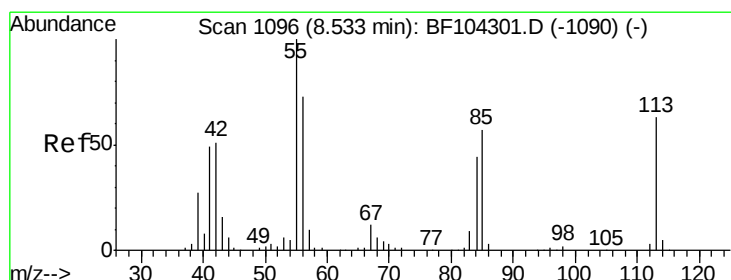
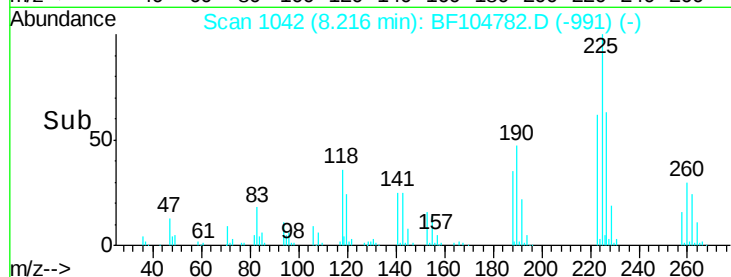
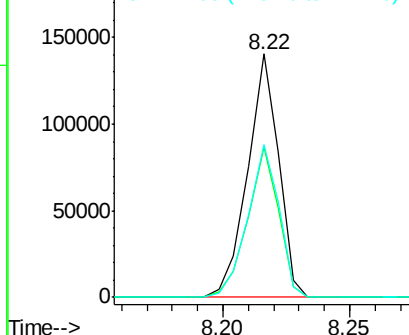
Tot Ion	Ratio	Resp	Lower	Upper
225	100	119917		
223	61.8	50.6	76.0	
227	63.0	51.9	77.9	

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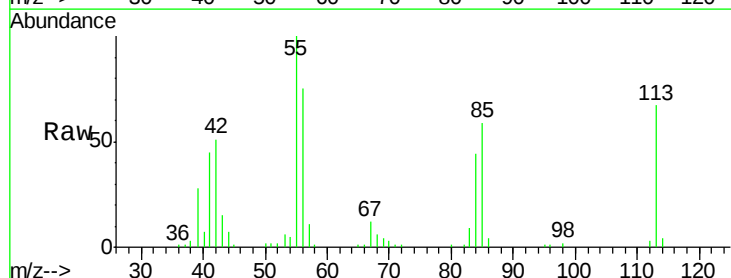


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

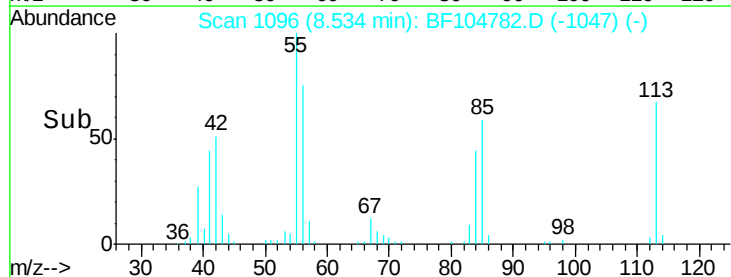
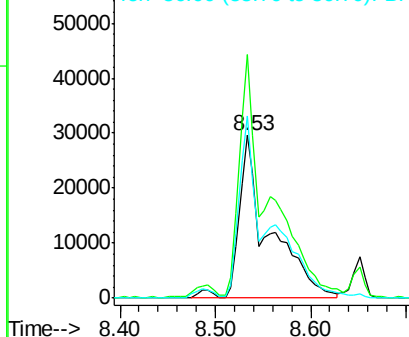


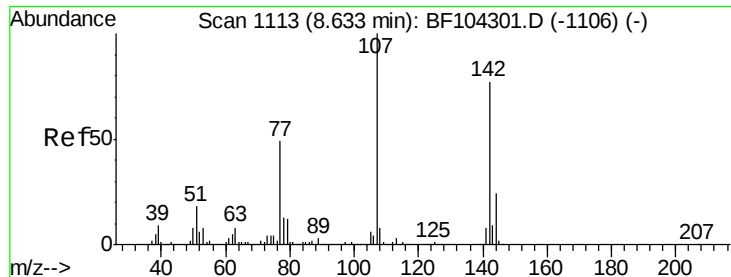
#35
Caprolactam
Concen: 27.634 ng m
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	65203		
55	149.9	163.3	203.3#	
56	112.2	115.7	155.7#	



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





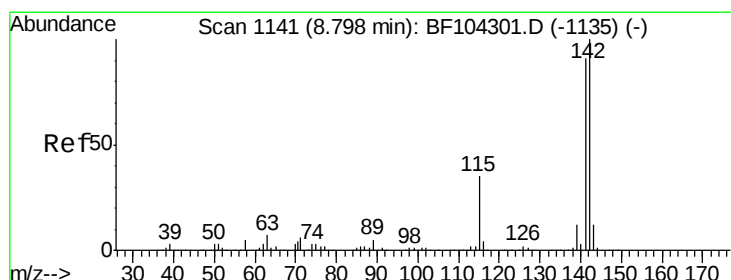
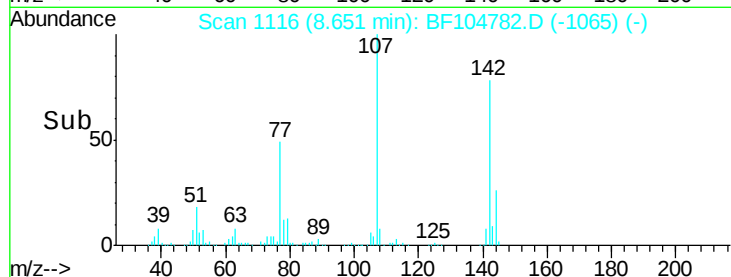
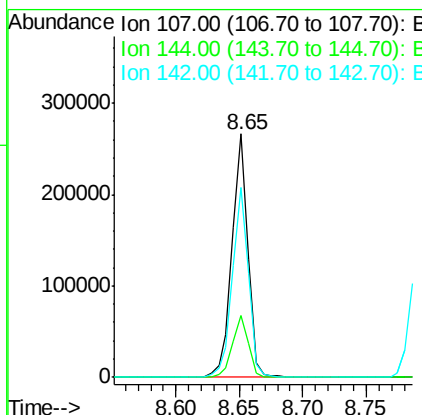
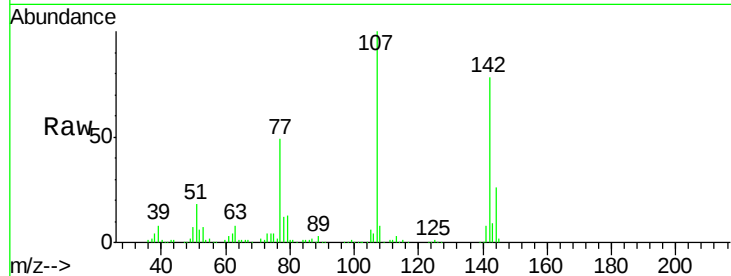
#36
4-Chloro-3-methylphenol
Concen: 31.690 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	229832		
144	25.5	20.5	30.7	
142	77.9	62.0	93.0	

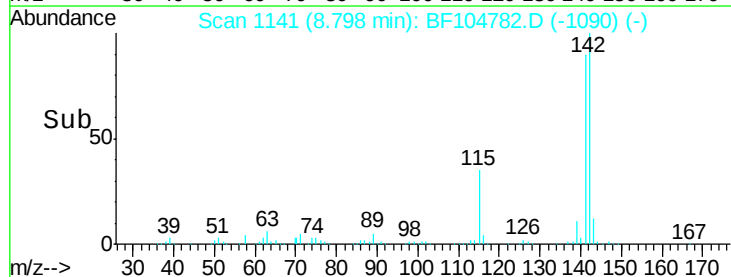
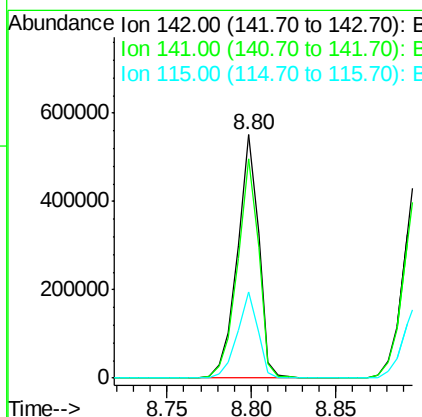
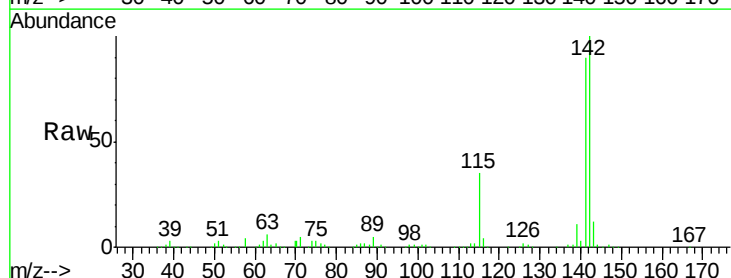
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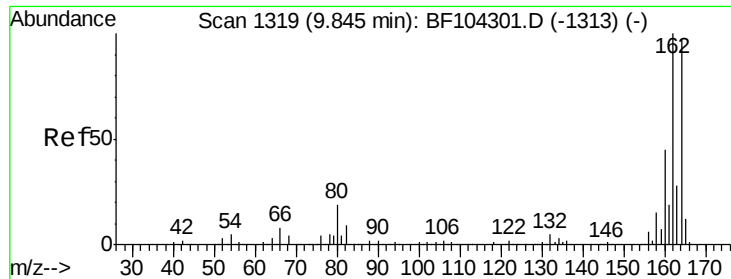
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4/26/2018 6:09:09 PM



#37
2-Methylnaphthalene
Concen: 30.171 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	481999		
141	89.9	70.8	106.2	
115	35.4	26.1	39.1	





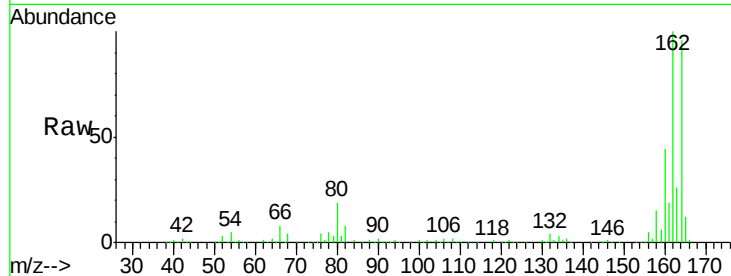
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

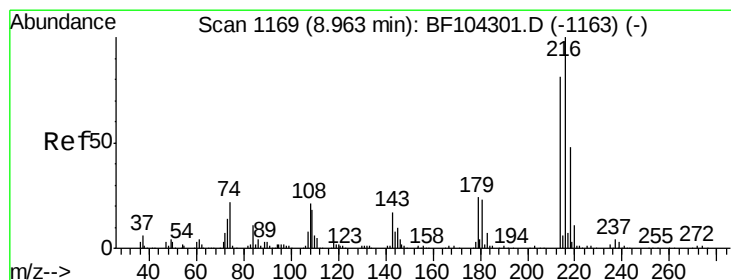
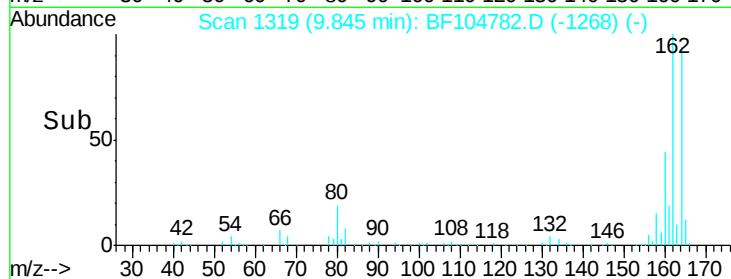
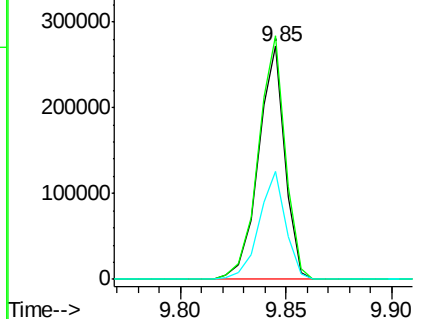
Tot Ion:	164	Resp:	236758
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	46.3	38.3	57.5

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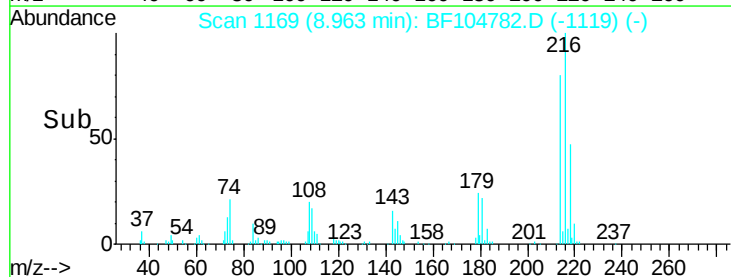
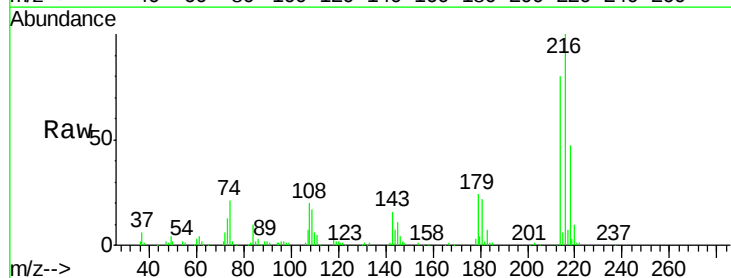
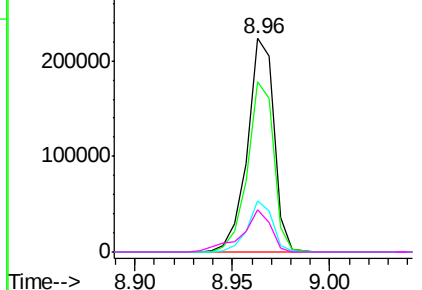
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

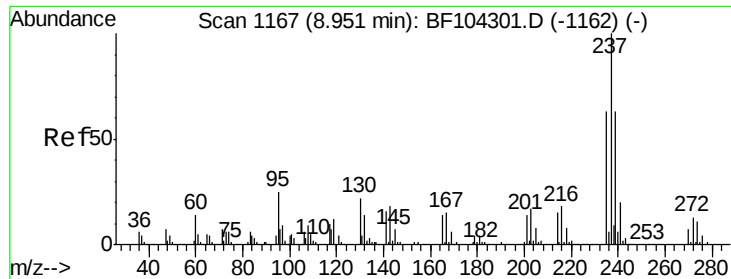


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.152 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion:	216	Resp:	211127
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	22.3	18.1	27.1
108	21.5	17.2	25.8

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





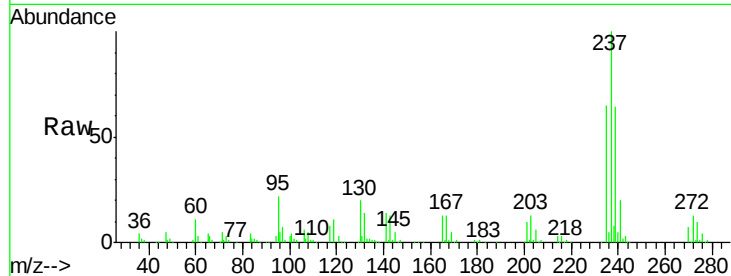
#40
Hexachlorocyclopentadiene
Concen: 47.495 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

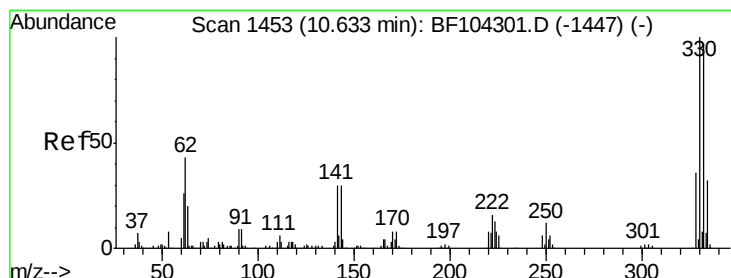
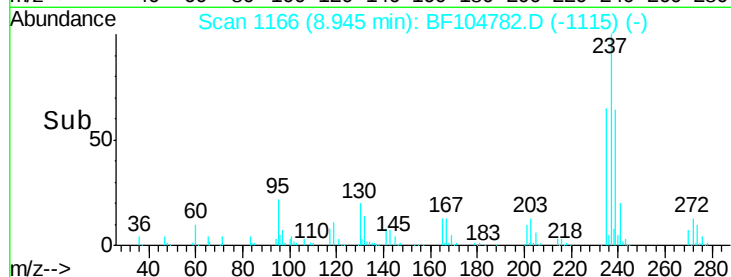
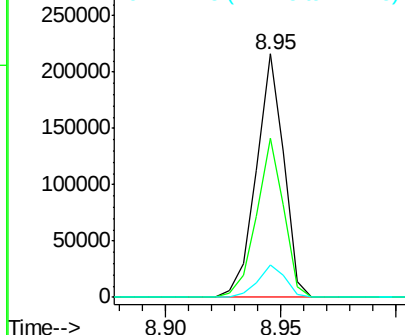
Tot Ion:	237	Resp:	180208
Ion Ratio		Lower	Upper
237	100		
235	65.2	44.8	84.8
272	13.1	0.0	33.3

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4/26/2018 6:09:09 PM

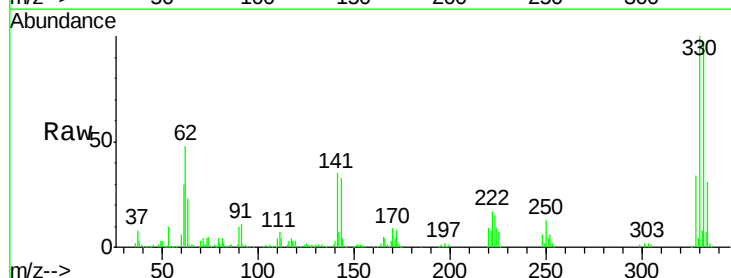


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

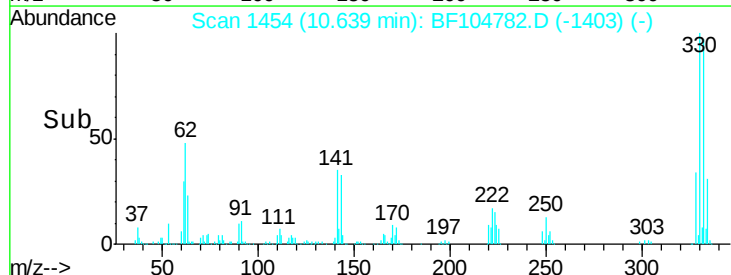
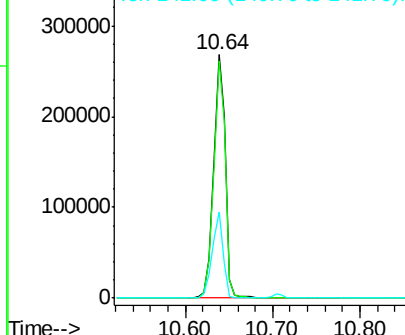


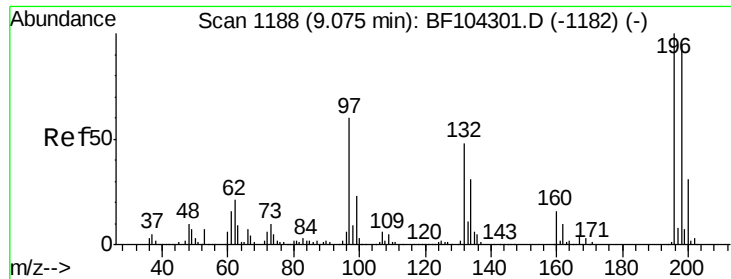
#41
2,4,6-Tribromophenol
Concen: 101.950 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion:	330	Resp:	250384
Ion Ratio		Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.1	29.9	44.9



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





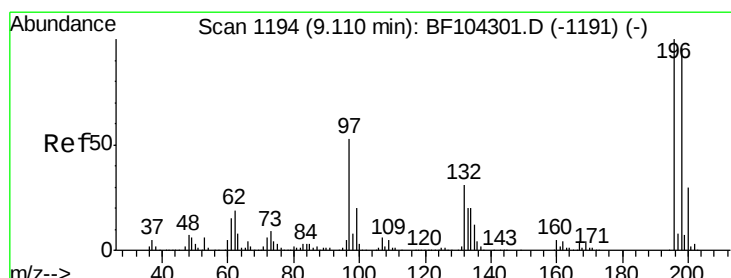
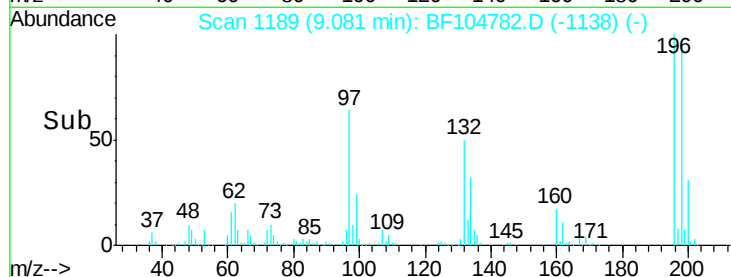
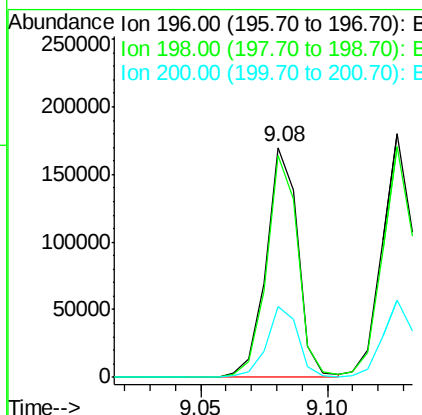
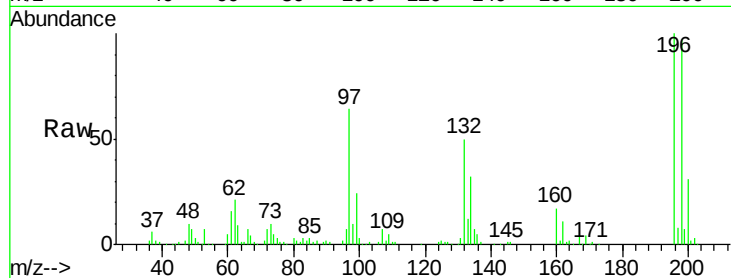
#42
 2,4,6-Trichlorophenol
 Concen: 31.774 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion:	196	Resp:	149488
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.7	113.5
200	31.1	24.5	36.7

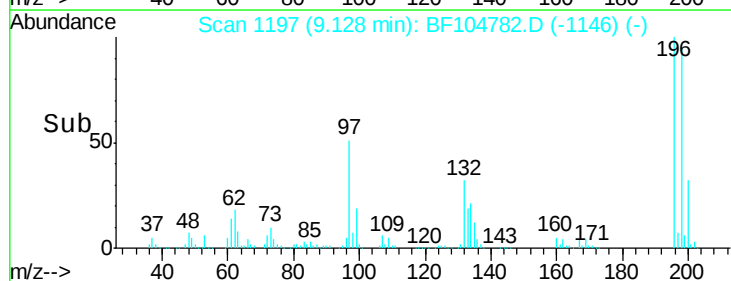
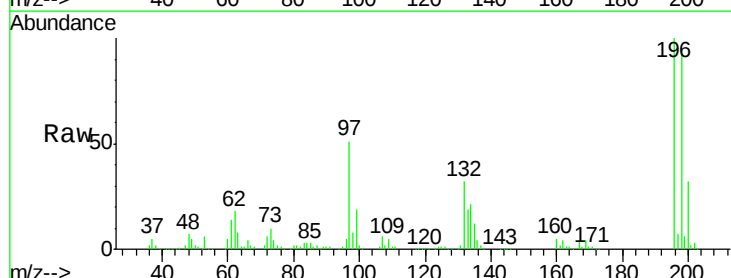
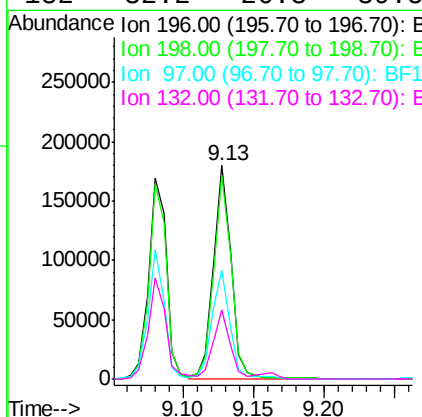
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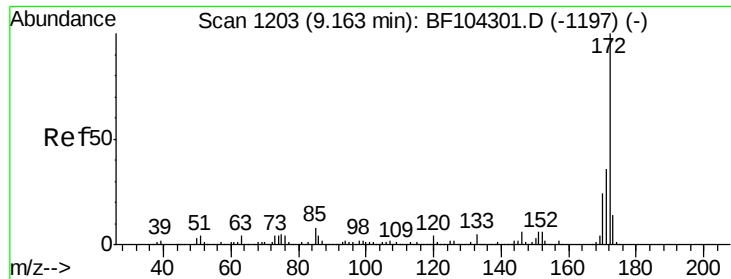
Sohil
 4/26/2018 6:09:09 PM



#43
 2,4,5-Trichlorophenol
 Concen: 30.190 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion:	196	Resp:	158946
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.6	112.0
97	51.2	42.9	64.3
132	32.2	26.3	39.5





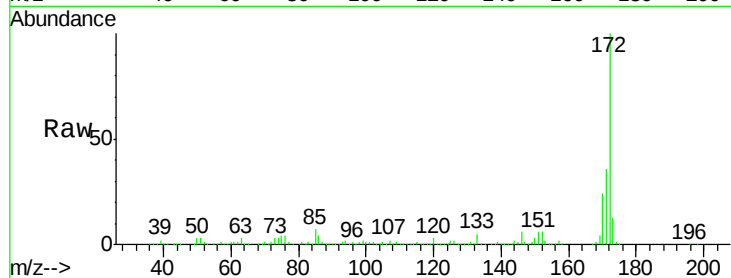
#44
2-Fluorobiphenyl
Concen: 68.557 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampled :
PB108528BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4

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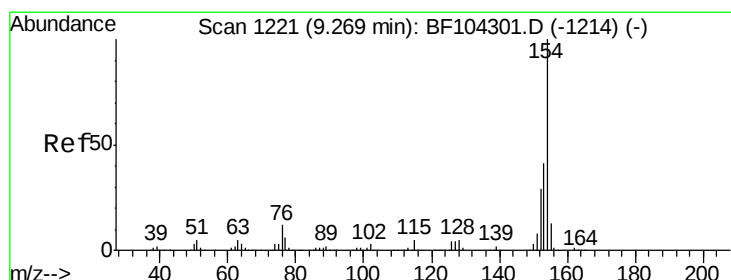
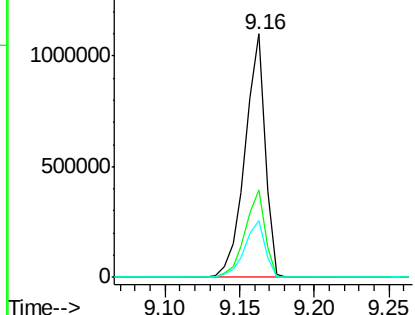
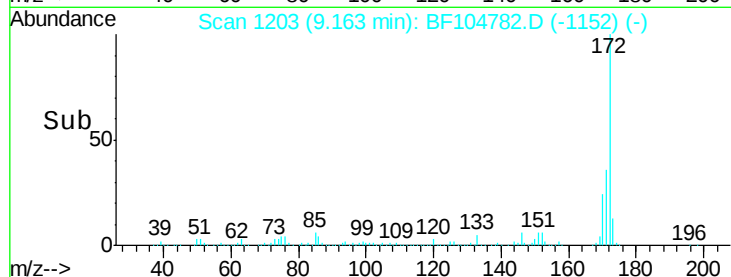


Abundance

Ion 172.00 (171.70 to 172.70): E

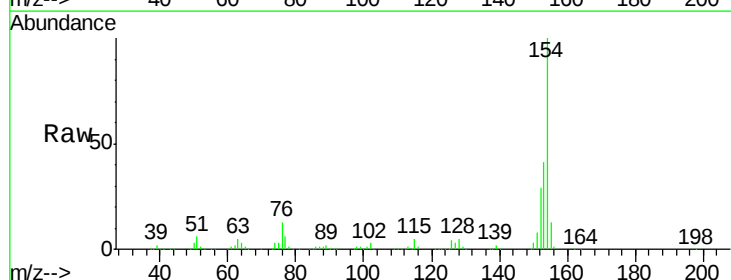
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 29.274 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.7	0.0	34.0

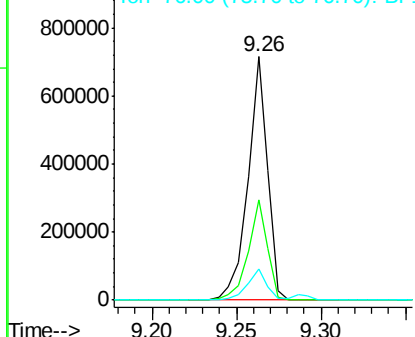
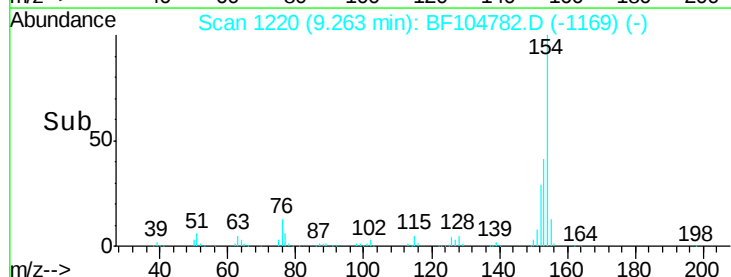


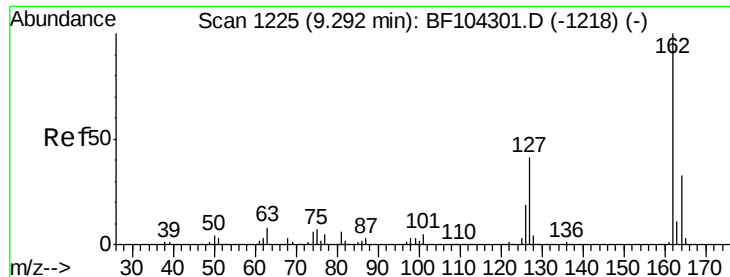
Abundance

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





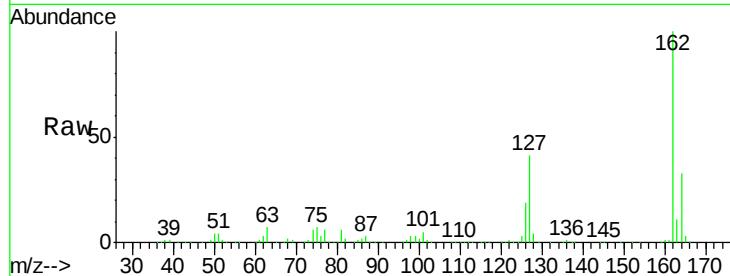
#46
2-Chloronaphthalene
Concen: 28.949 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

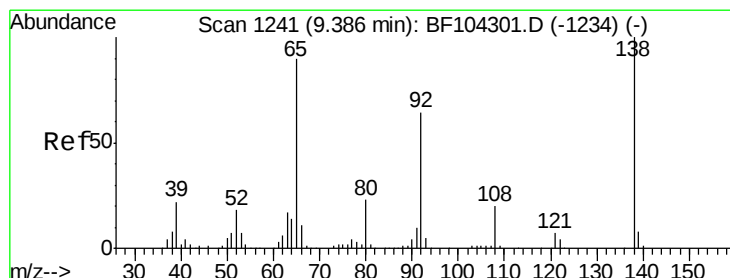
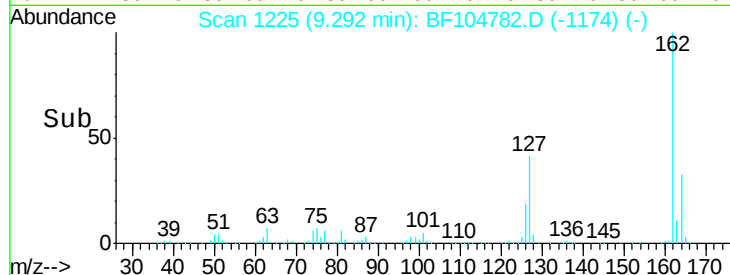
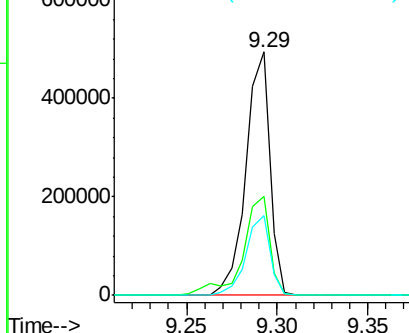
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		454785		
127	40.5		33.9	50.9	
164	32.9		26.5	39.7	

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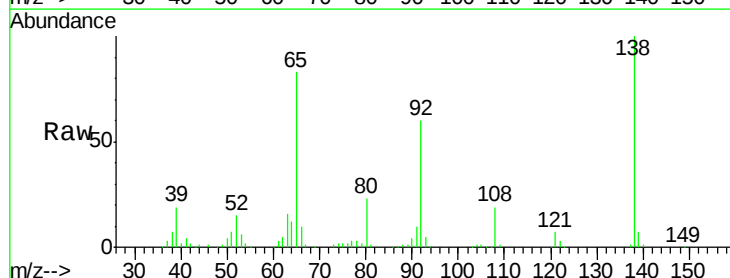


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

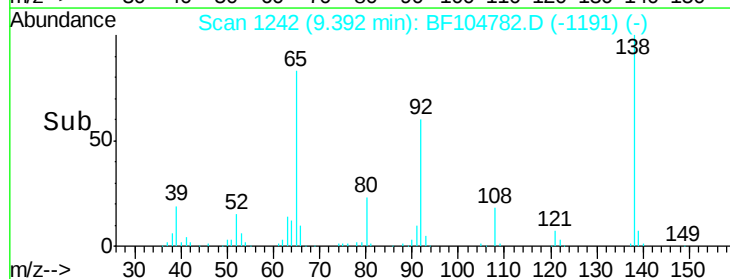
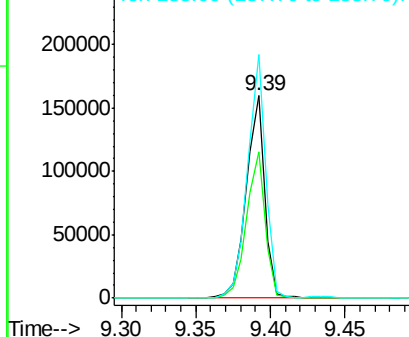


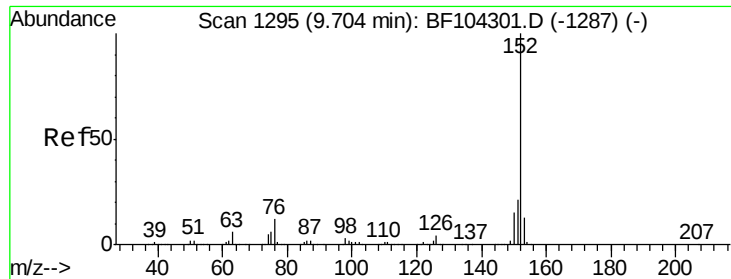
#47
2-Nitroaniline
Concen: 35.422 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		137616		
92	72.6		55.8	83.6	
138	120.4		91.2	136.8	



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): E





#48

Acenaphthylene

Concen: 28.035 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

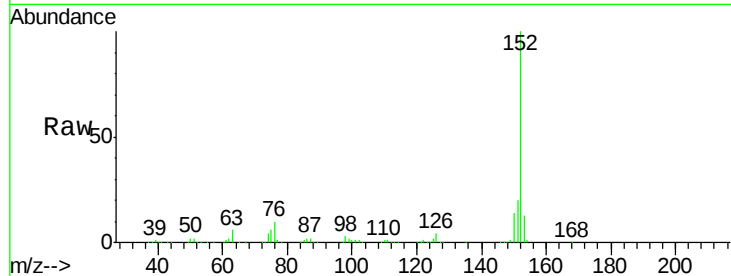
ClientSampled :

PB108528BS

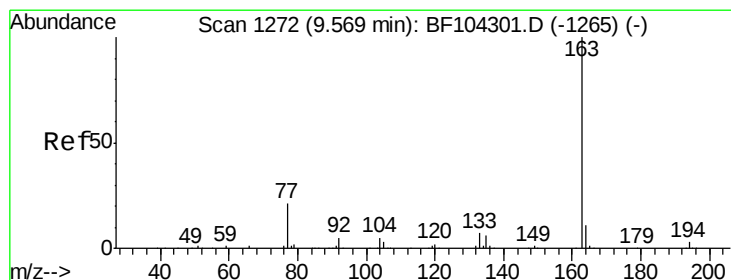
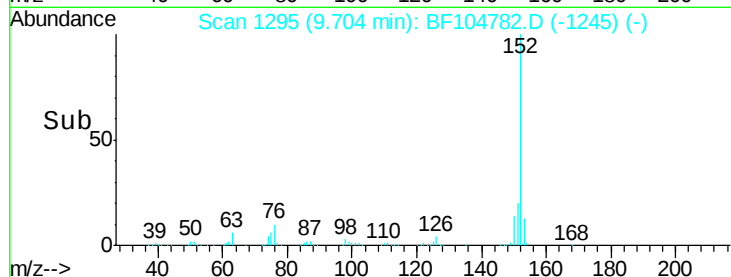
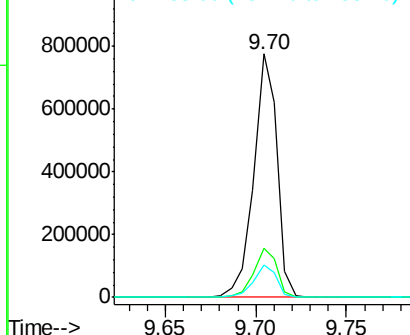
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		691021		
151	20.4	16.3	24.5		
153	13.2	10.7	16.1		

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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: 29.543 ng

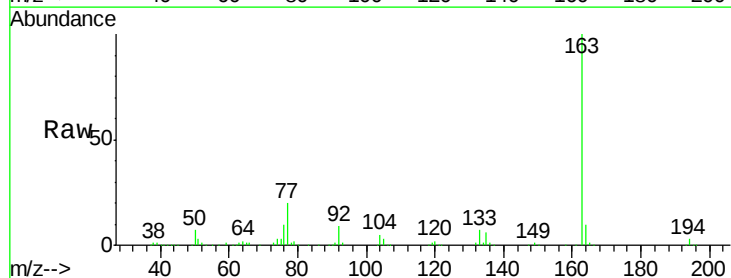
RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

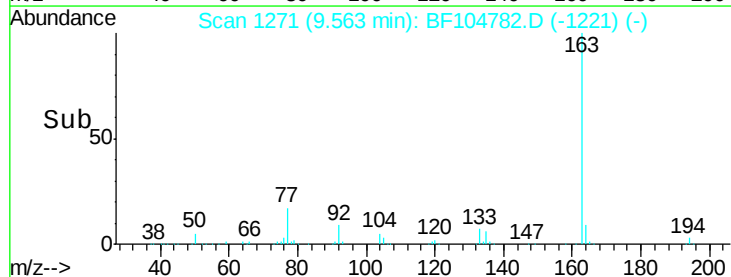
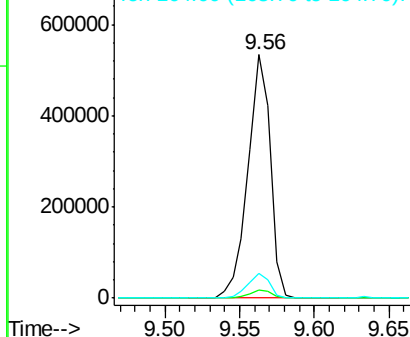
Lab File: BF104782.D

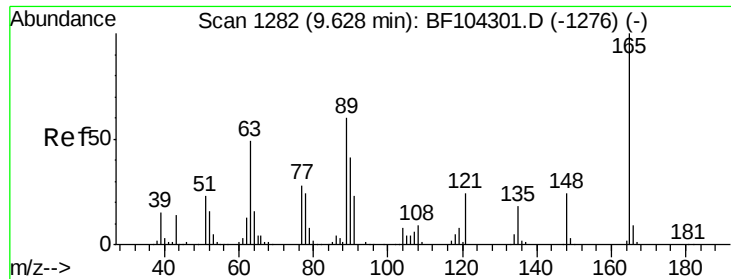
Acq: 25 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		551583		
194	3.3	2.7	4.1		
164	10.2	8.2	12.2		



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





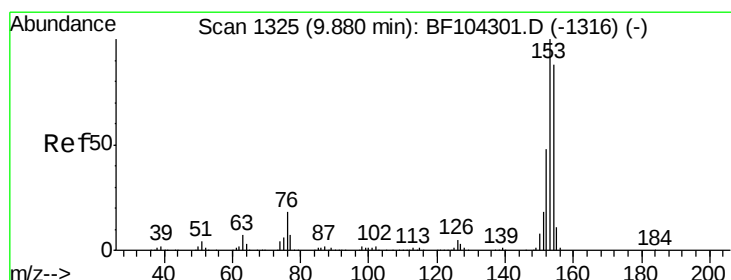
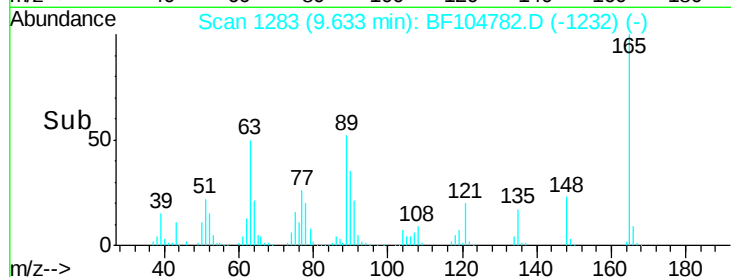
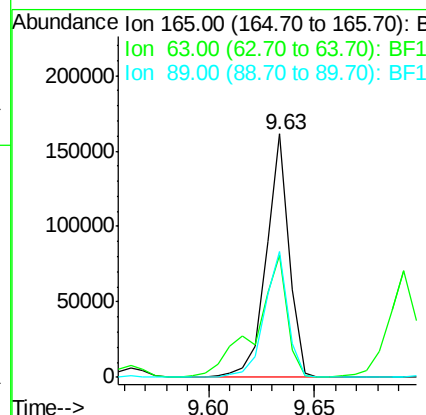
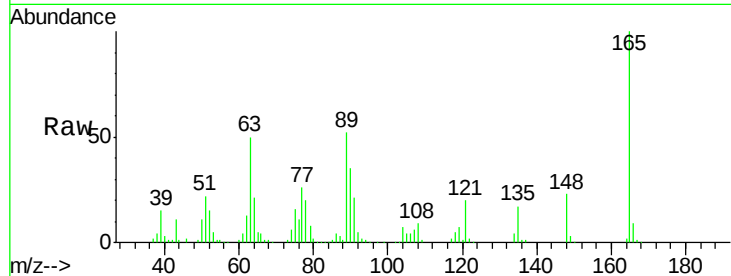
#50
2,6-Dinitrotoluene
Concen: 35.026 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	121003		
63	49.9	44.7	67.1	
89	51.9	44.0	66.0	

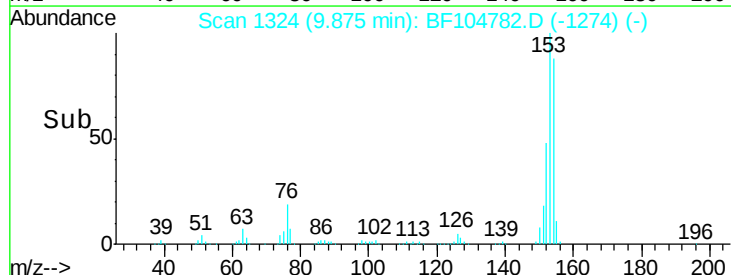
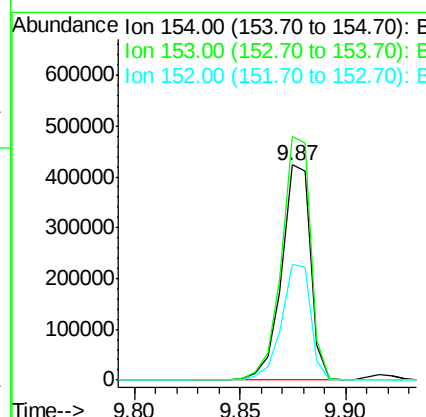
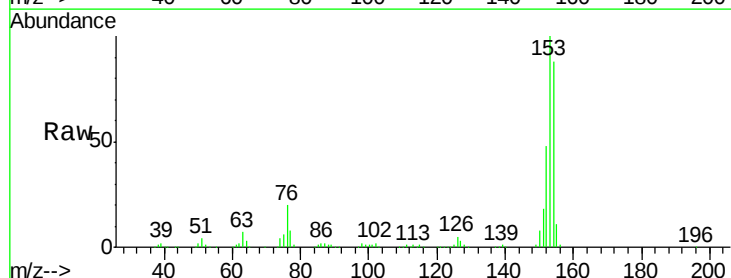
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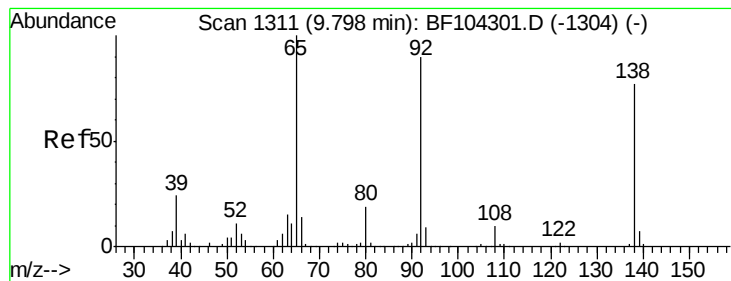
Sohil
4/26/2018 6:09:09 PM



#51
Acenaphthene
Concen: 26.880 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	404241		
153	113.3	91.2	136.8	
152	54.0	43.8	65.8	





#52

3-Nitroaniline

Concen: 17.084 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB108528BS

Tot Ion:138 Resp: 69095

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

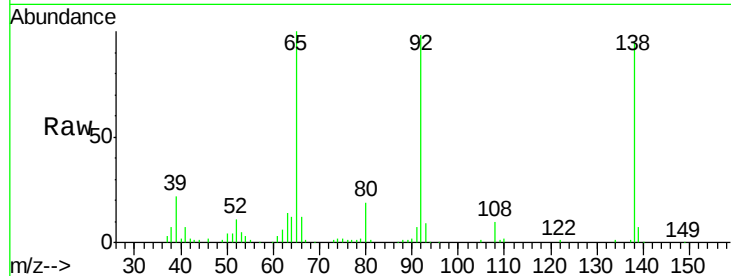
92 103.0 89.4 134.2

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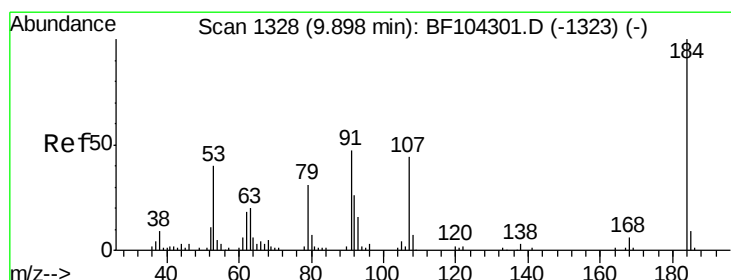
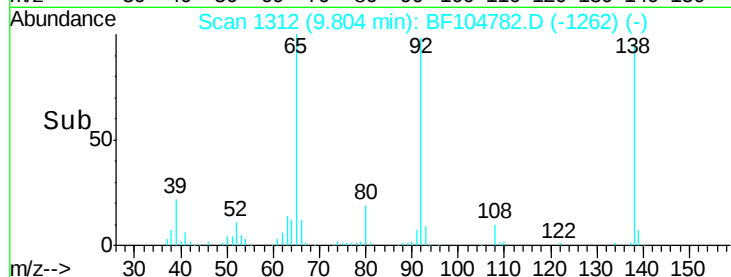
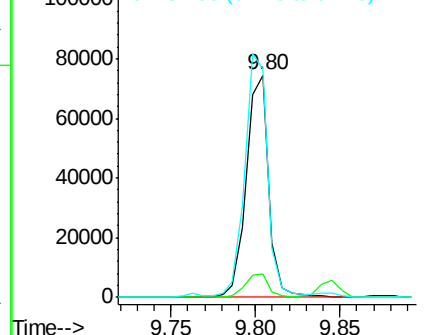
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 21.480 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

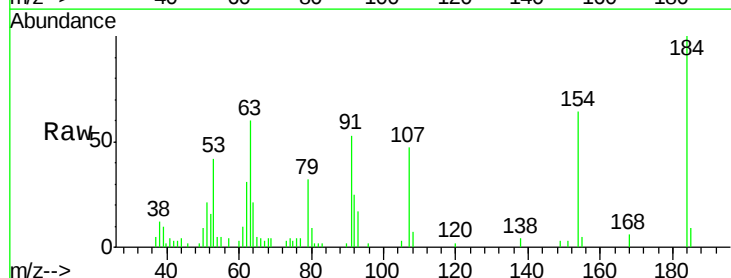
Tgt Ion:184 Resp: 17406

Ion Ratio Lower Upper

184 100

63 59.6 54.2 81.2

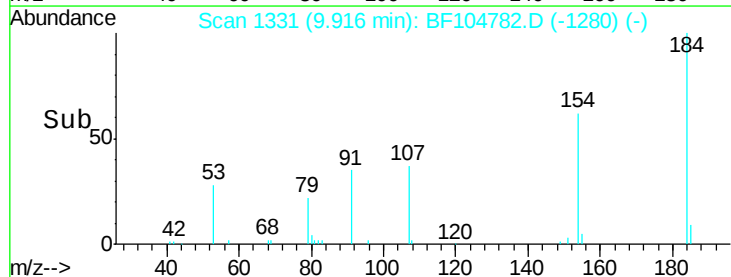
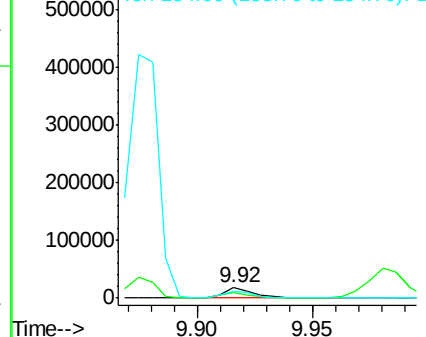
154 64.1 184.0 276.0#

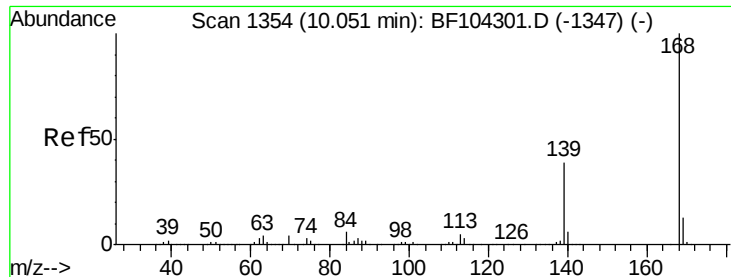


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





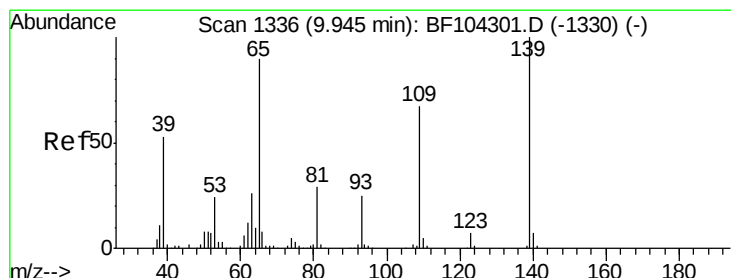
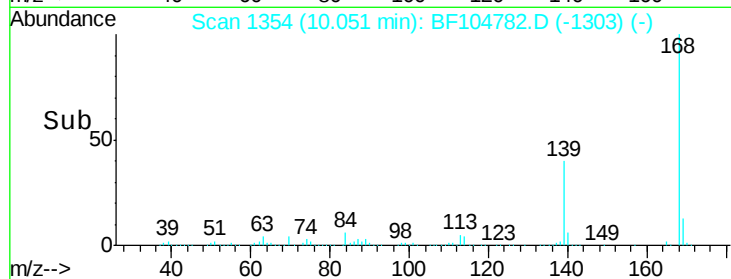
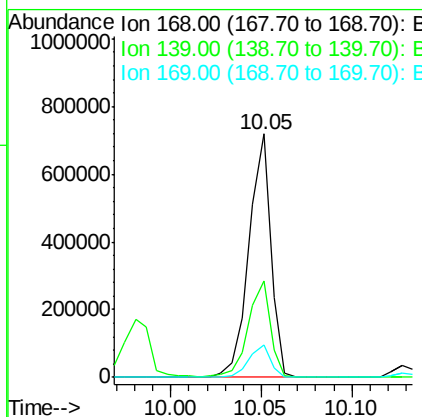
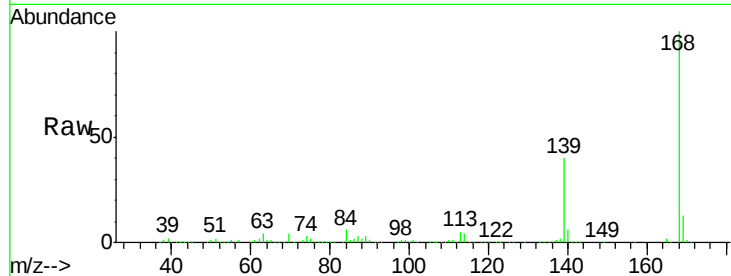
#54
Dibenzenofuran
Concen: 28.887 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	13.4	10.9	16.3

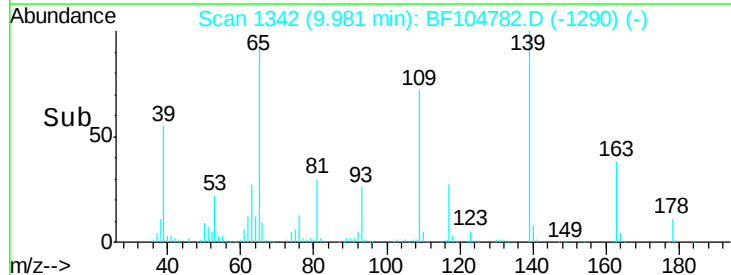
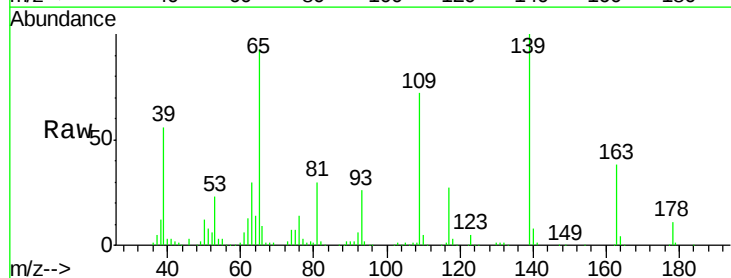
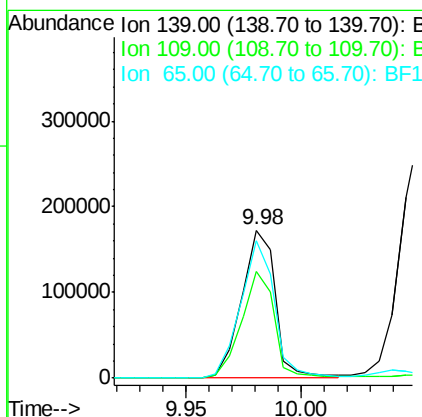
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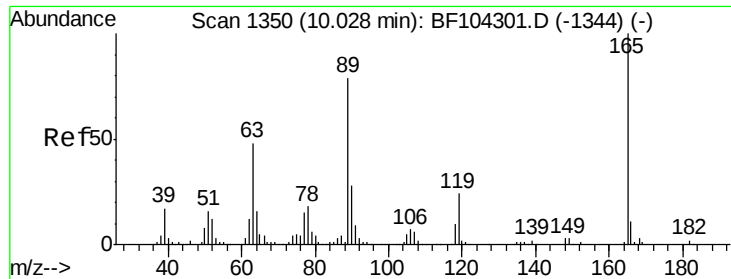
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#55
4-Nitrophenol
Concen: 55.765 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	48.4	88.4
65	93.3	72.6	112.6





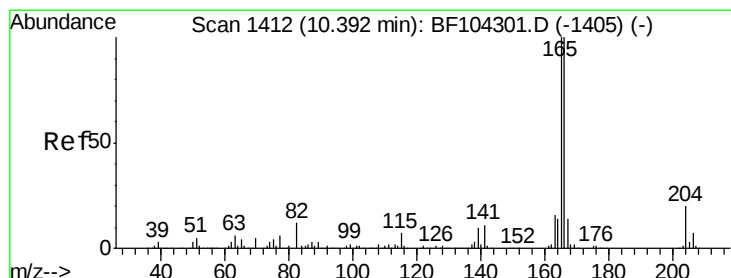
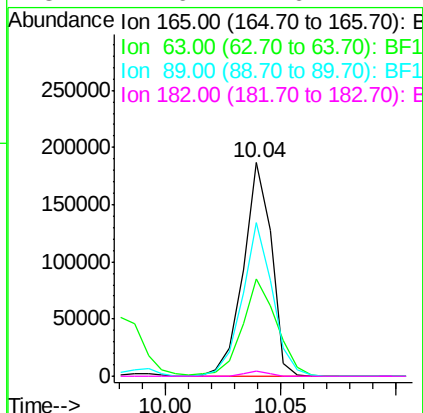
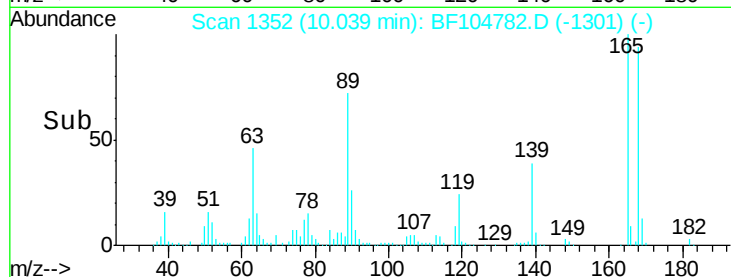
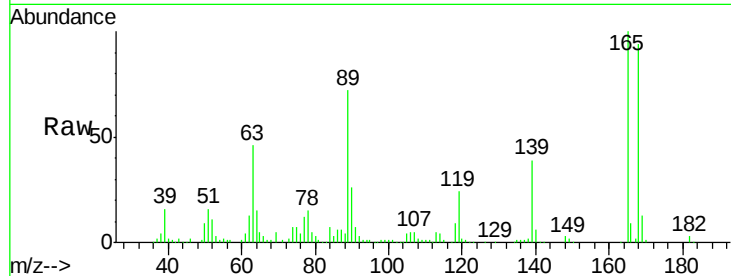
#56
2,4-Dinitrotoluene
Concen: 35.131 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		159199		
63	45.6	36.4	54.6		
89	71.7	57.8	86.6		
182	2.6	1.6	2.4		

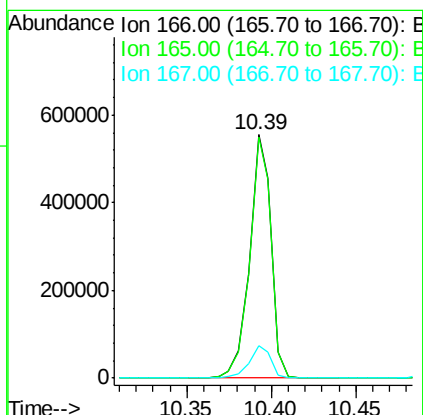
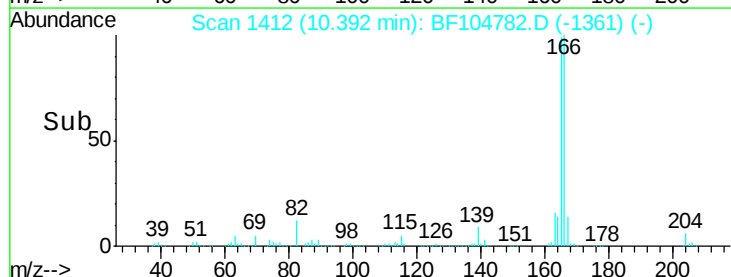
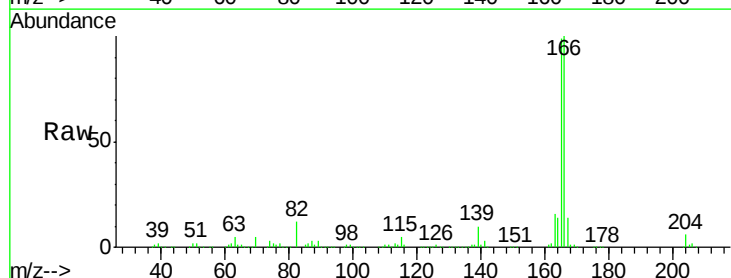
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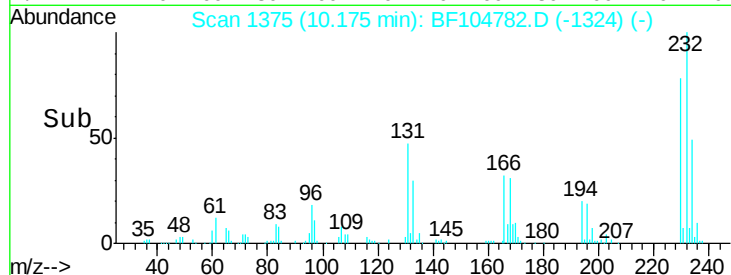
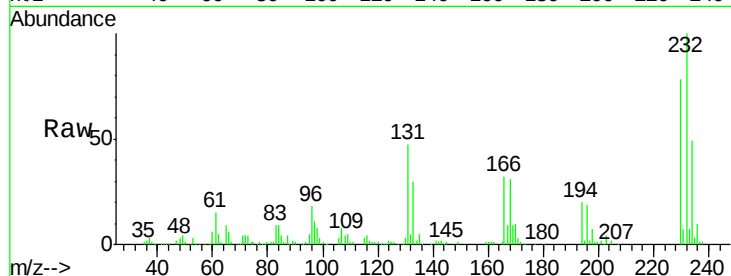
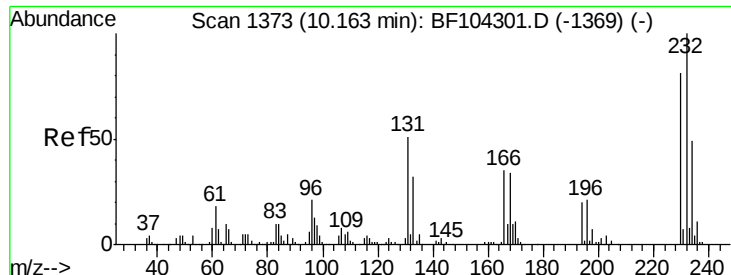
Sohil
4/26/2018 6:09:09 PM



#57
Fluorene
Concen: 32.306 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		492831		
165	99.0	79.8	119.8		
167	13.5	10.6	16.0		





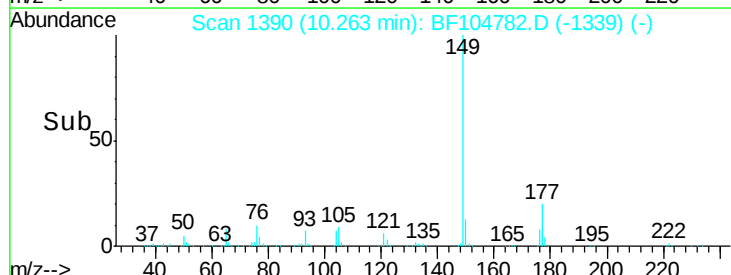
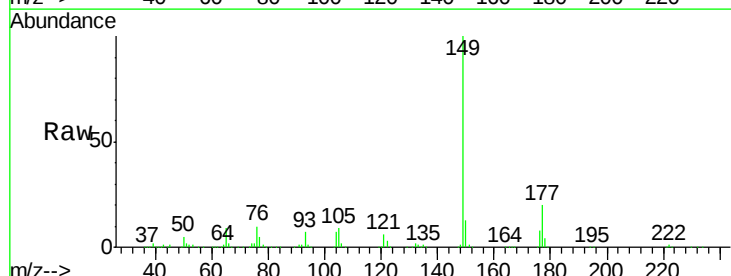
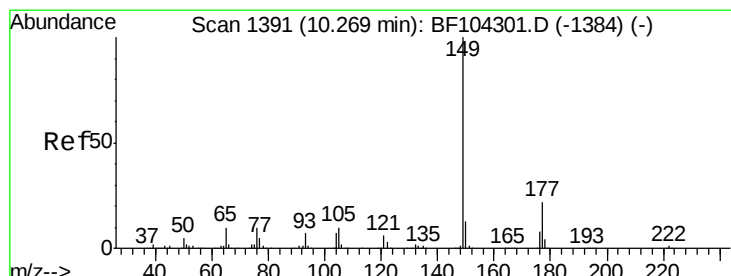
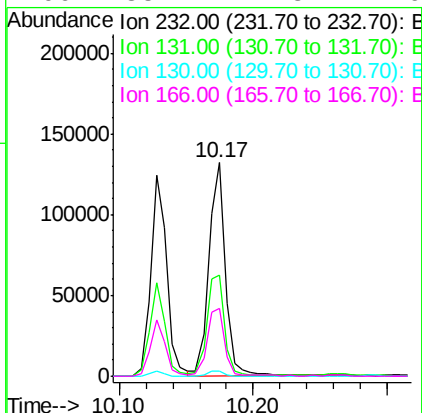
#58
2,3,4,6-Tetrachlorophenol
Concen: 29.220 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		114770		
131	50.2	43.8	65.8		
130	2.5	2.1	3.1		
166	33.2	27.8	41.6		

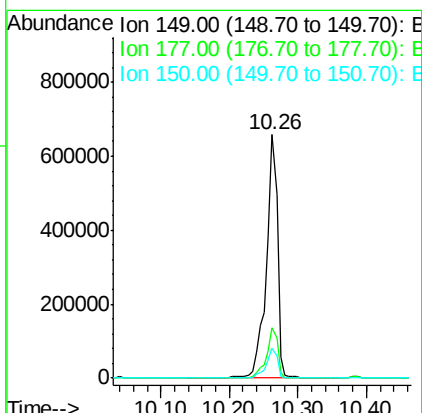
Manual Integrations
APPROVED

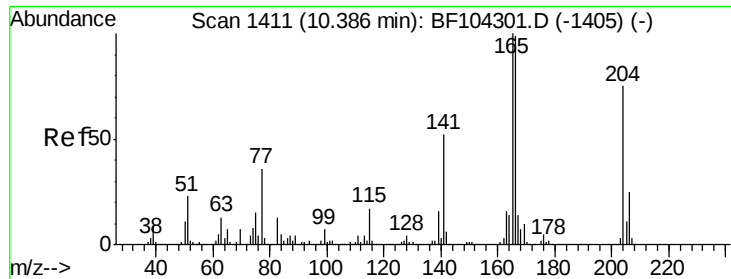
Sohil
4/26/2018 6:09:09 PM



#59
Diethylphthalate
Concen: 38.848 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		722358		
177	20.5	16.1	24.1		
150	12.5	10.1	15.1		





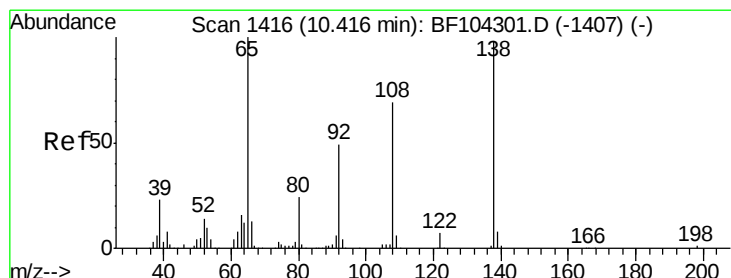
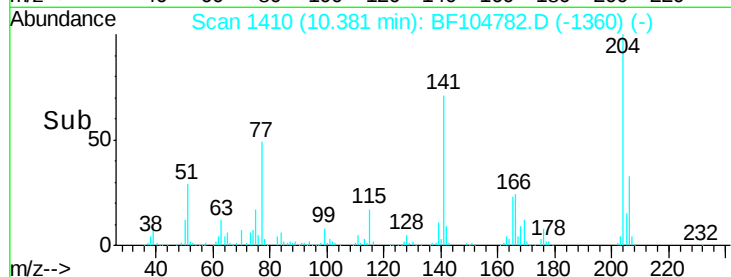
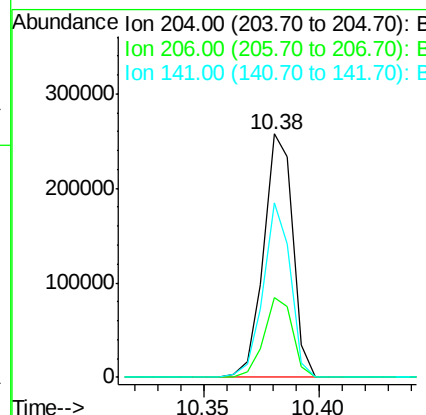
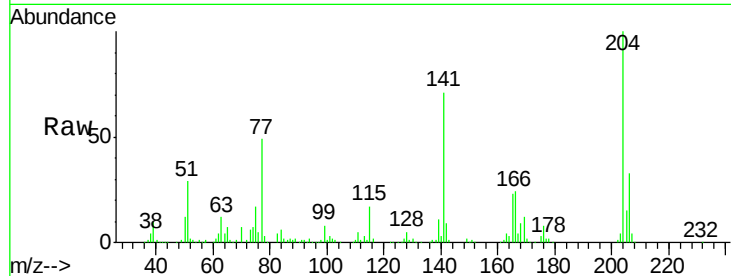
#60
4-Chlorophenyl-phenylether
Concen: 33.505 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	71.4	54.6	81.8

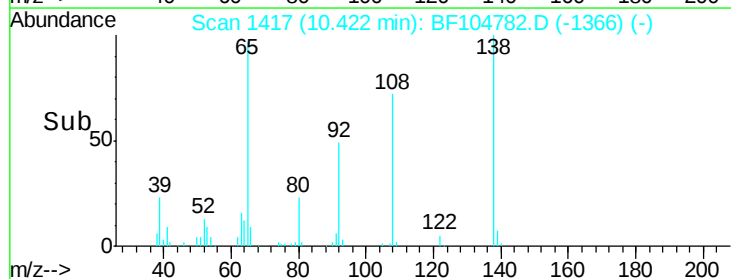
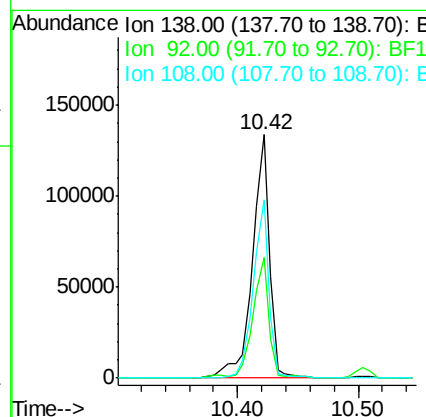
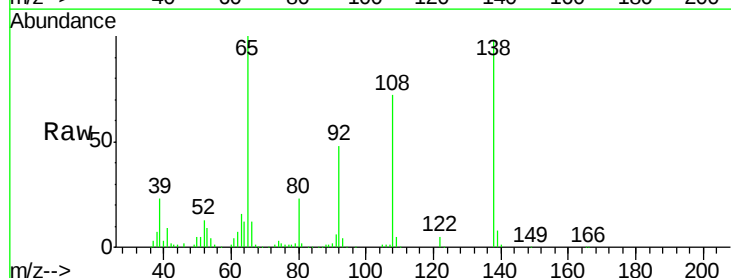
Manual Integrations
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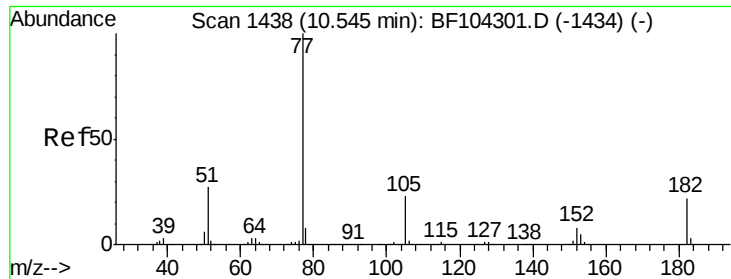
Sohil
4/26/2018 6:09:09 PM



#61
4-Nitroaniline
Concen: 33.724 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.2	70.2
108	73.5	52.5	92.5





#62

Azobenzene

Concen: 27.535 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

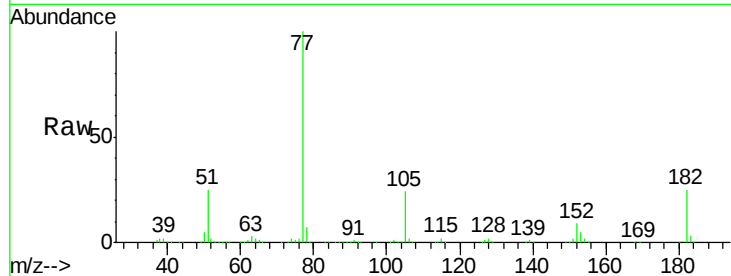
ClientSampleId :

PB108528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		489149		
182	25.3	1.7	41.7		
105	24.1	3.0	43.0		
51	25.2	9.9	49.9		

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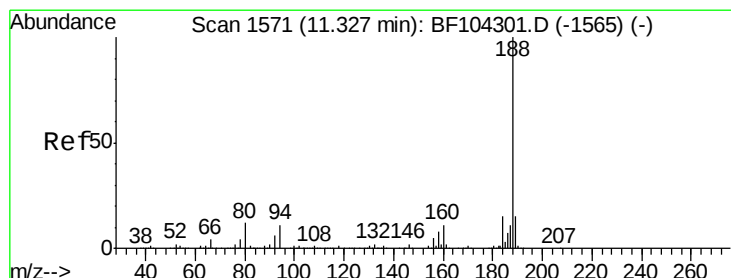
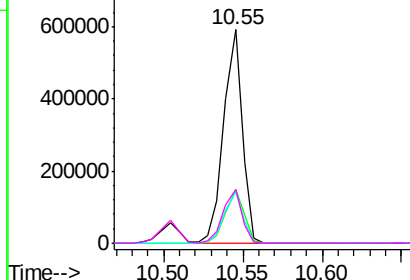
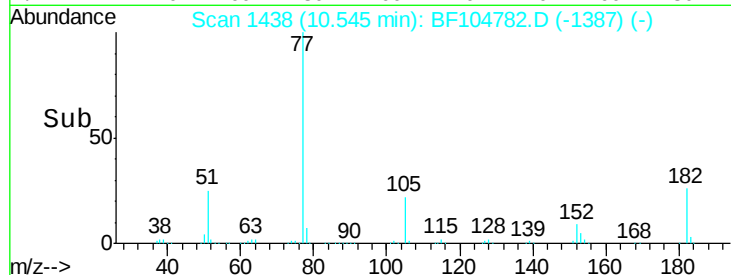


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

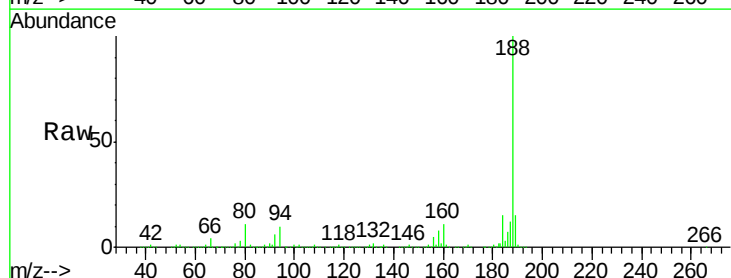
RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

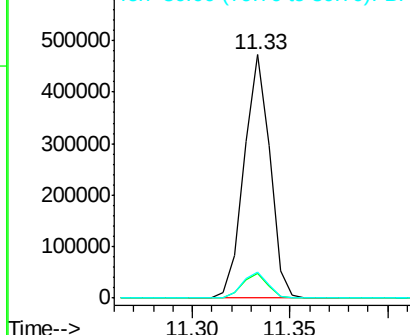
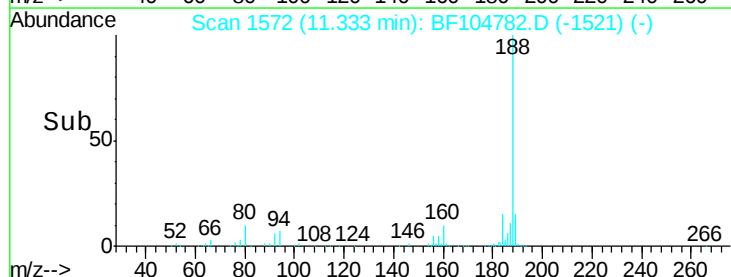
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		434358		
94	10.2	8.5	12.7		
80	10.6	9.2	13.8		

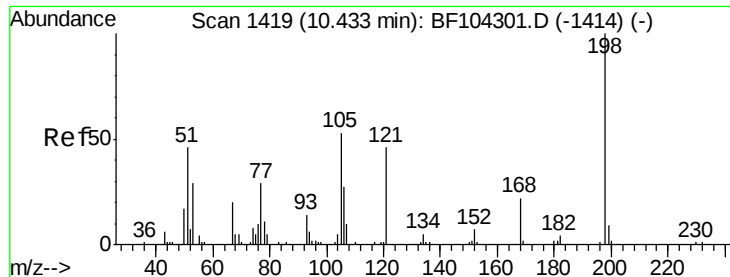


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





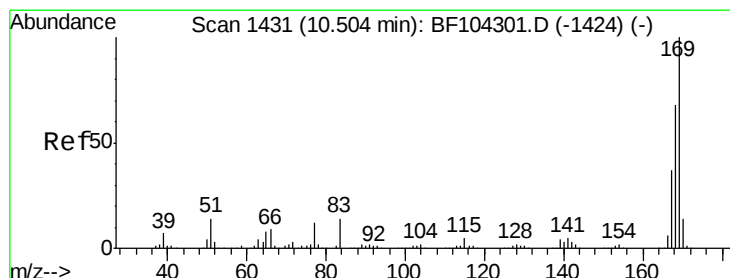
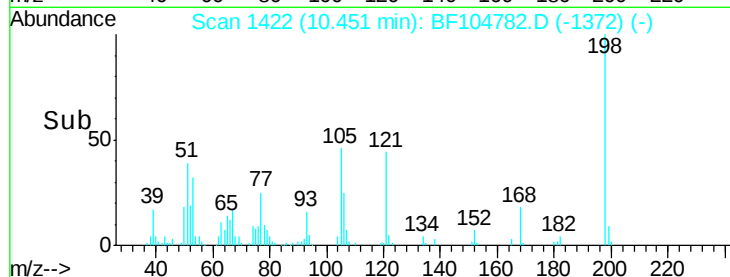
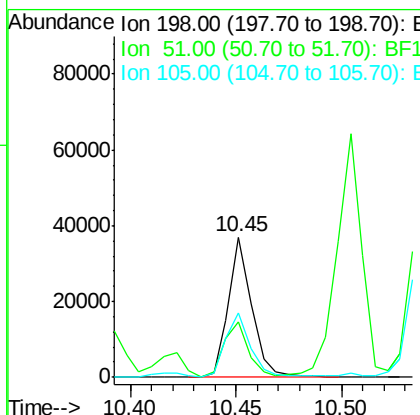
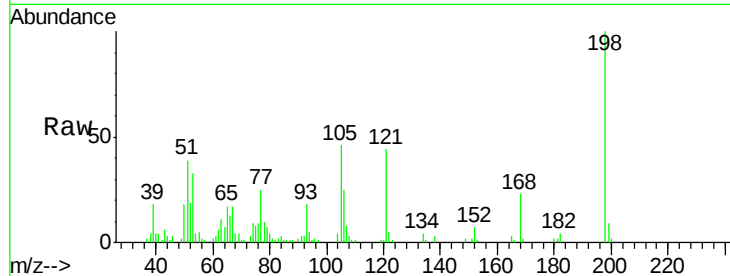
#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.749 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.4	37.7	77.7
105	46.5	36.3	76.3

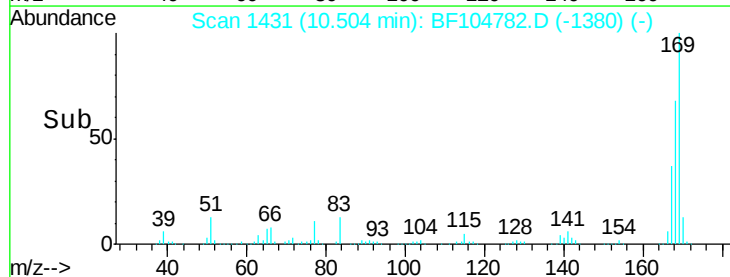
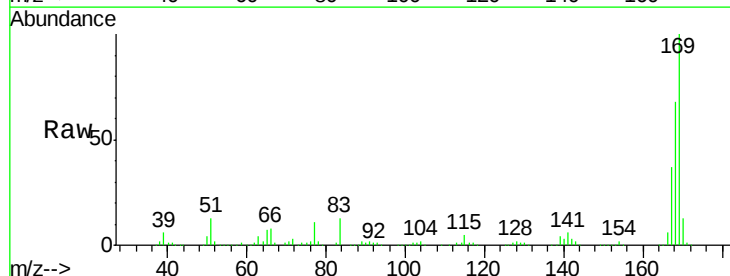
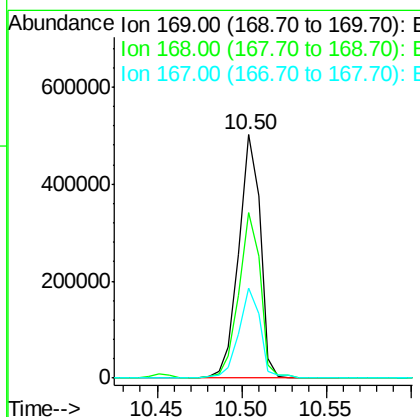
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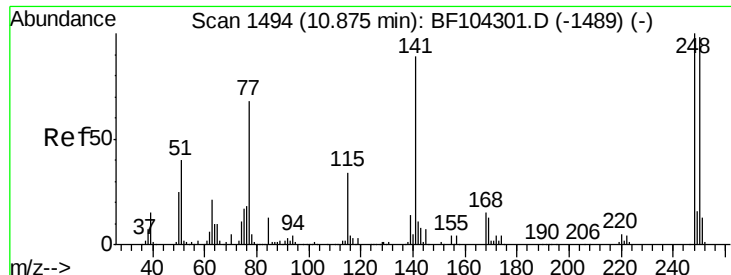
Sohil
 4/26/2018 6:09:09 PM



#65
 n-Nitrosodiphenylamine
 Concen: 29.523 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.9	29.8	44.6





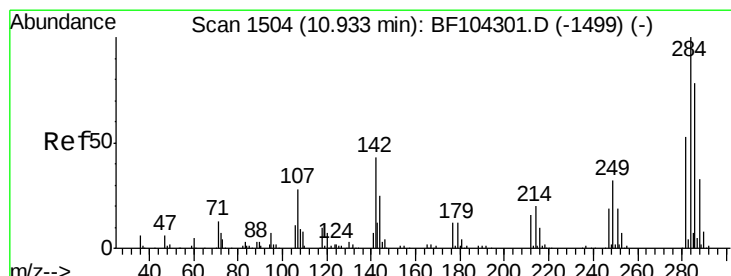
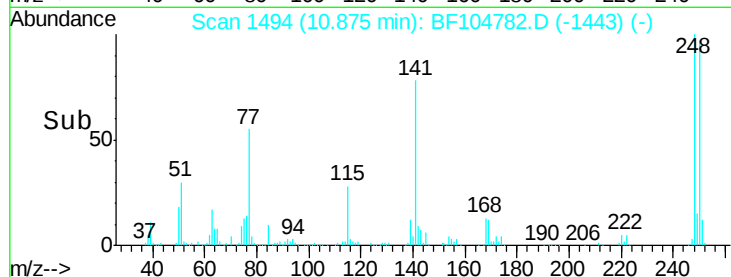
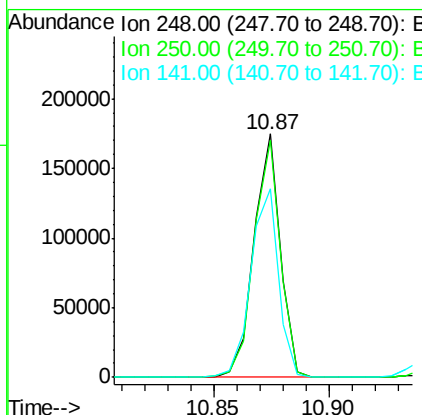
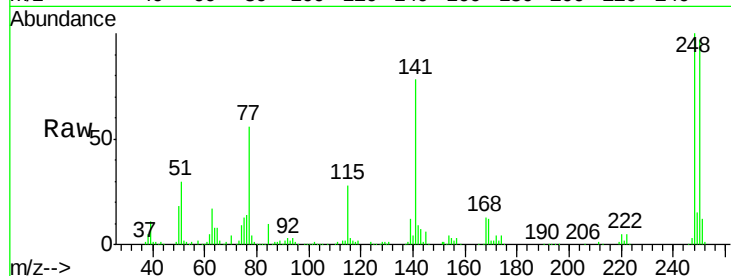
#66
 4-Bromophenyl-phenylether
 Concen: 30.258 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	77.6	74.4	111.6

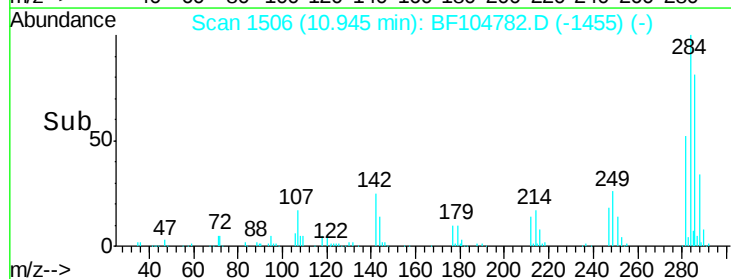
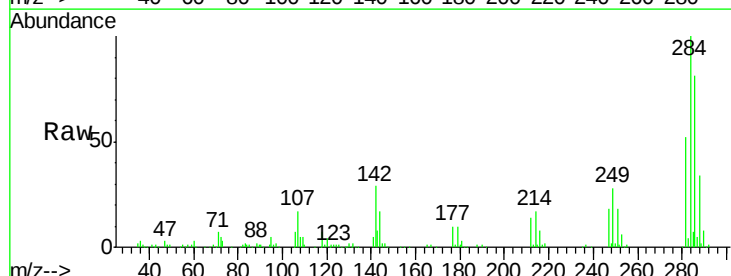
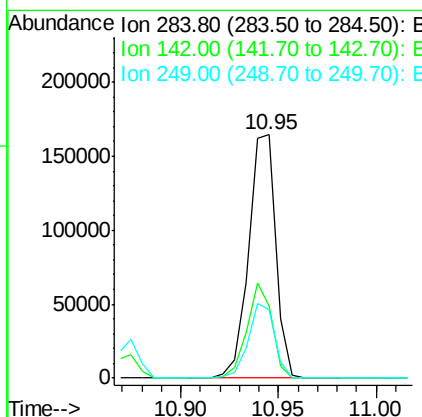
Manual Integrations
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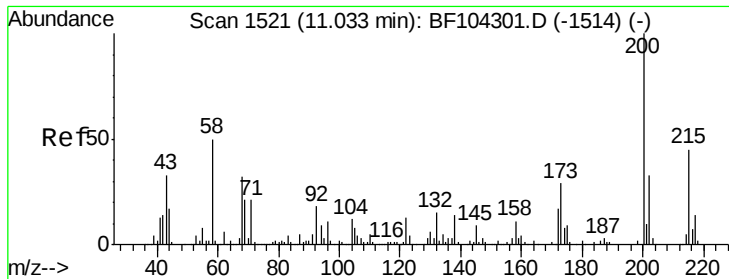
Sohil
 4/26/2018 6:09:09 PM



#67
 Hexachlorobenzene
 Concen: 30.550 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	34.6	52.0#
249	28.0	24.8	37.2





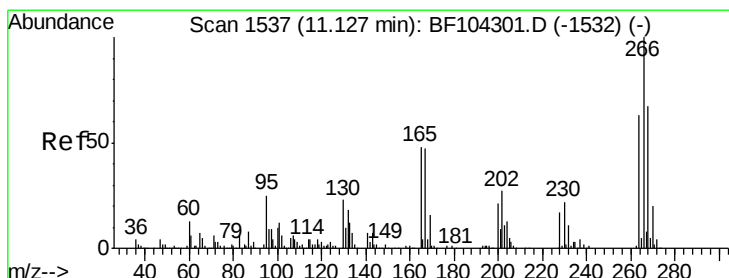
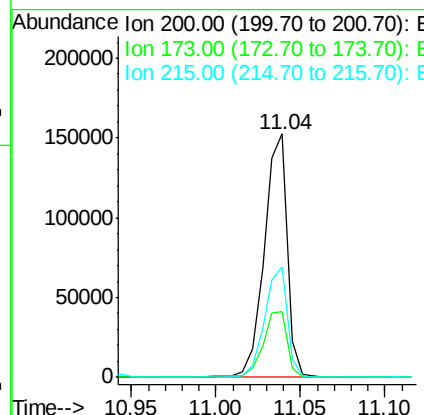
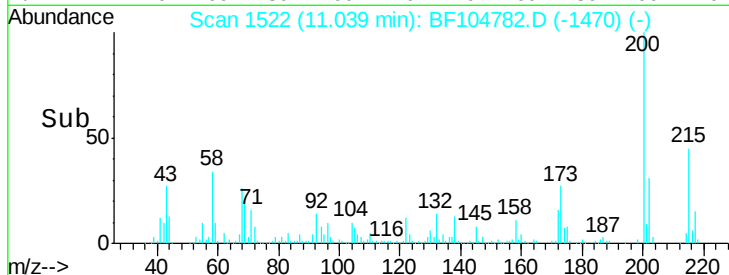
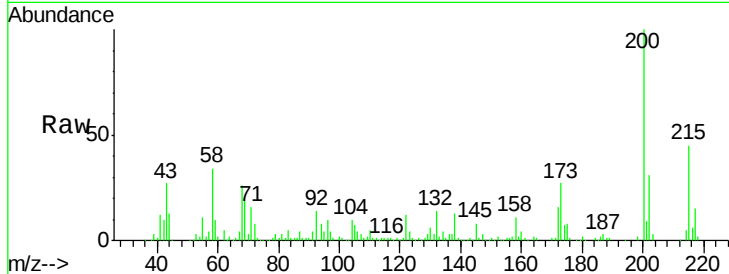
#68
Atrazine
Concen: 31.517 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	8.6	48.6
215	45.3	25.1	65.1

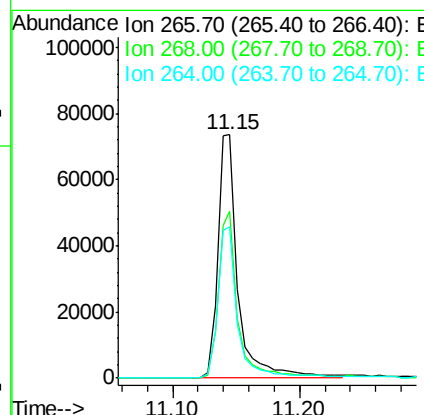
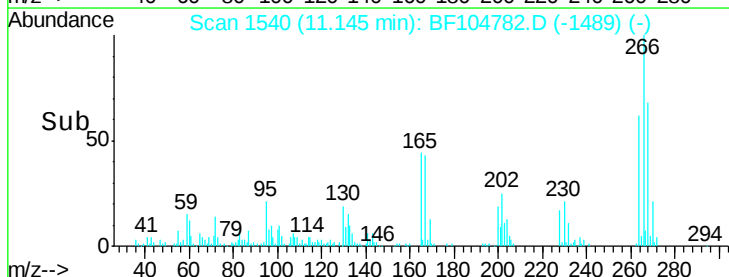
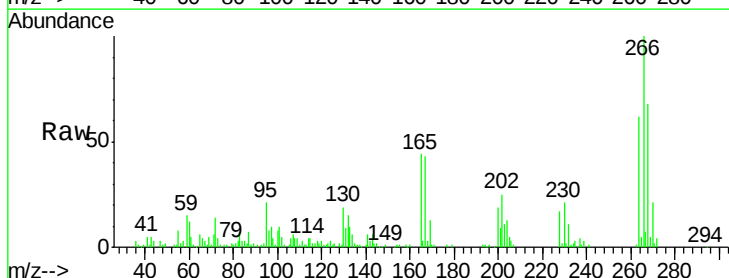
Manual Integrations
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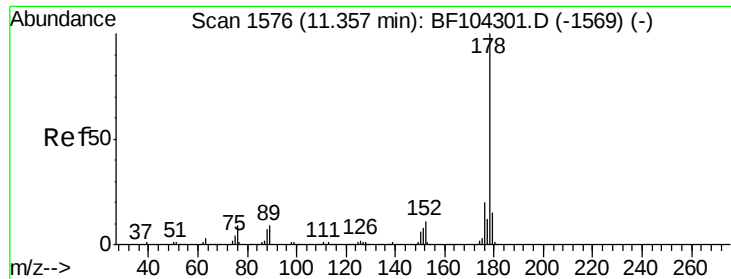
Sohil
4/26/2018 6:09:09 PM



#69
Pentachlorophenol
Concen: 25.769 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.3	51.1	76.7
264	61.9	49.5	74.3





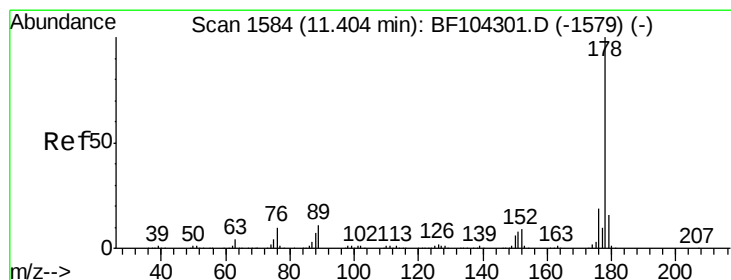
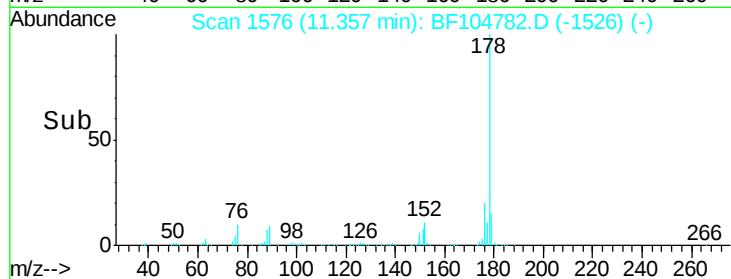
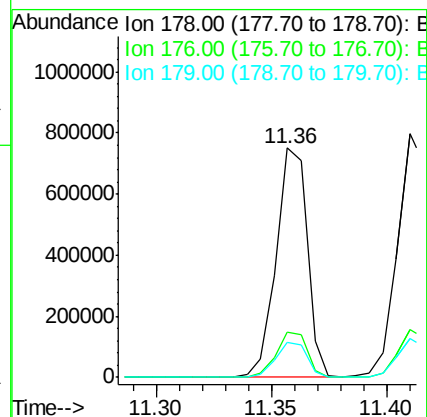
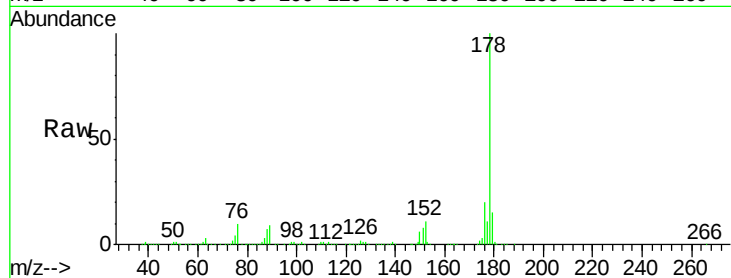
#70
Phenanthrene
Concen: 29.098 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	13.0	19.6

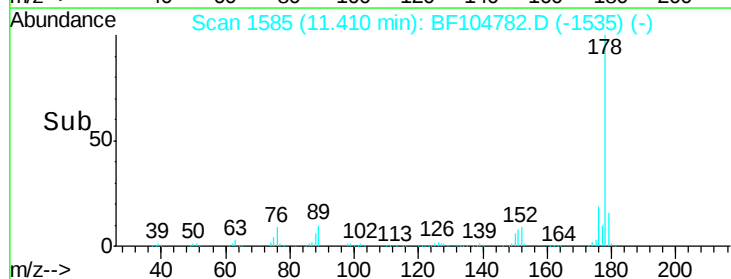
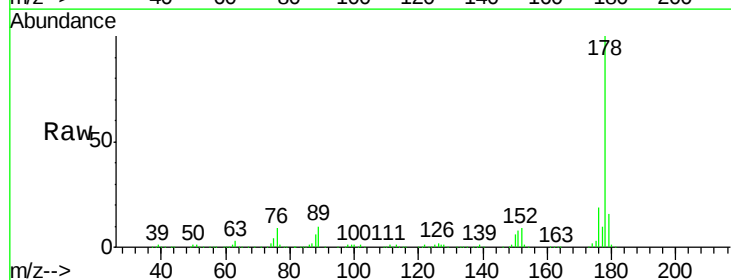
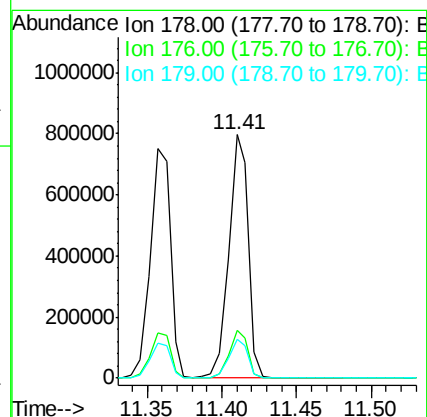
Manual Integrations
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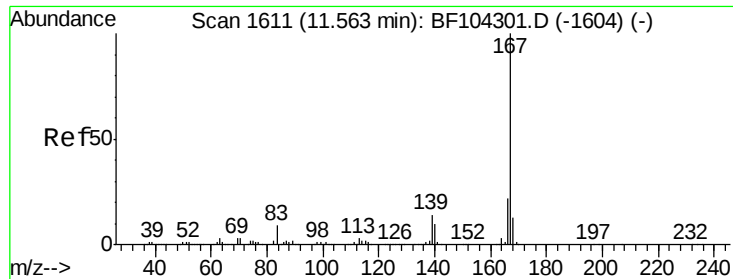
Sohil
4/26/2018 6:09:09 PM



#71
Anthracene
Concen: 29.949 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0





#72

Carbazole

Concen: 27.856 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

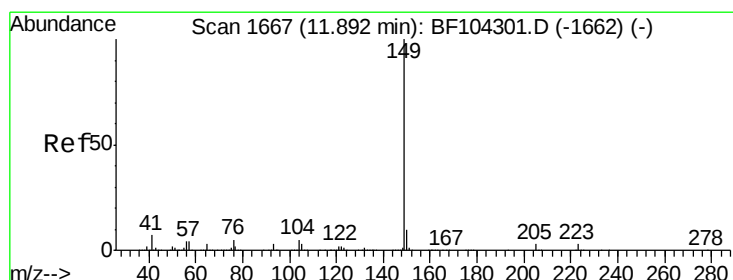
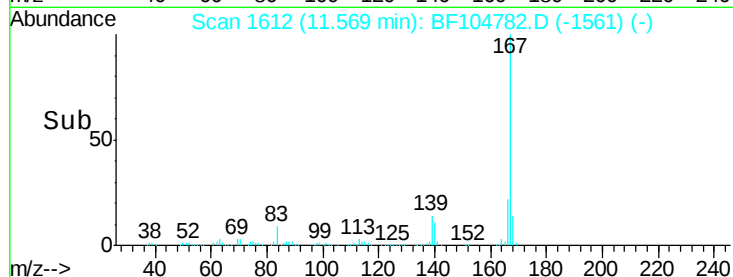
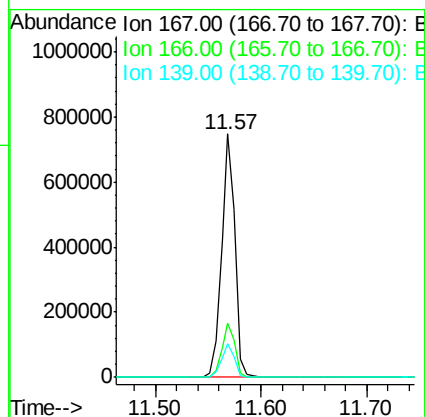
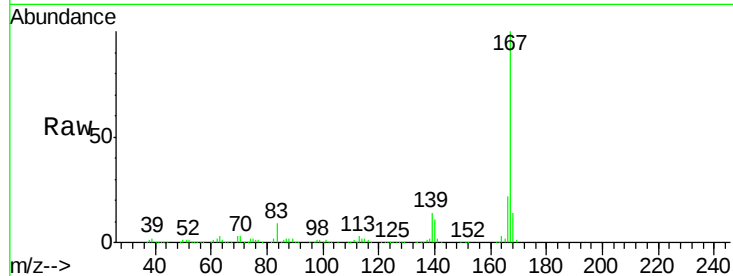
ClientSampleId :

PB108528BS

Tot Ion:	167	Resp:	669314
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3

Manual Integrations
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Sohil
4/26/2018 6:09:09 PM



#73

Di-n-butylphthalate

Concen: 29.371 ng

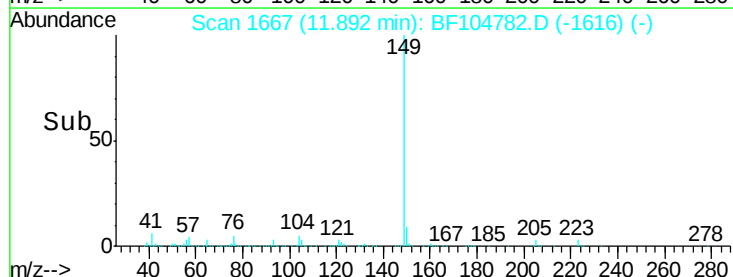
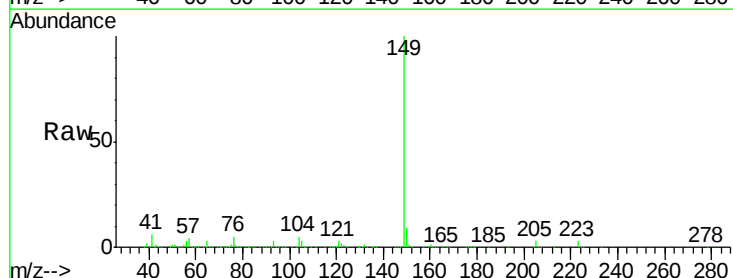
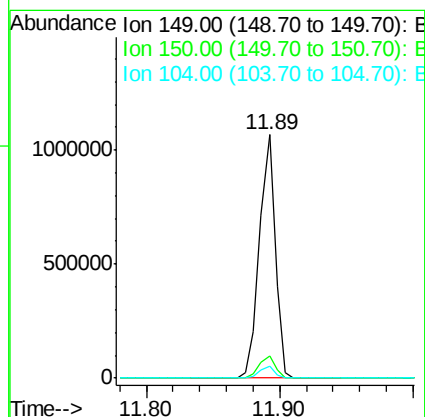
RT: 11.89 min Scan# 1667

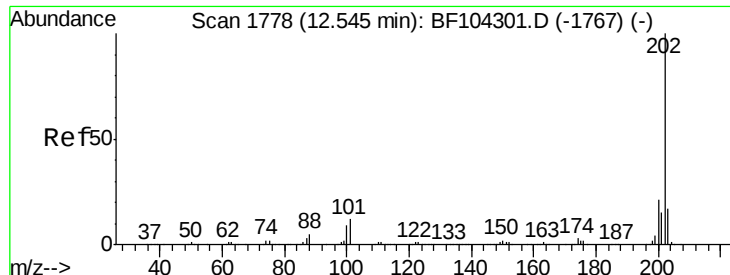
Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	149	Resp:	862070
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8





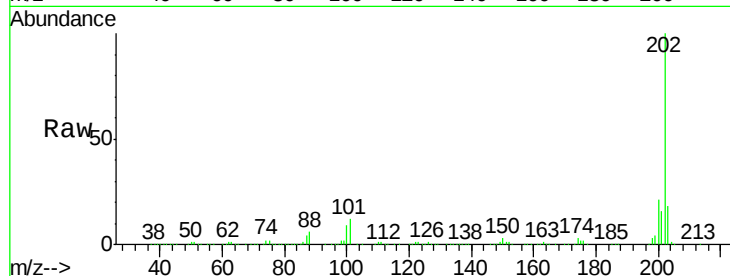
#74
 Fluoranthene
 Concen: 29.703 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BS

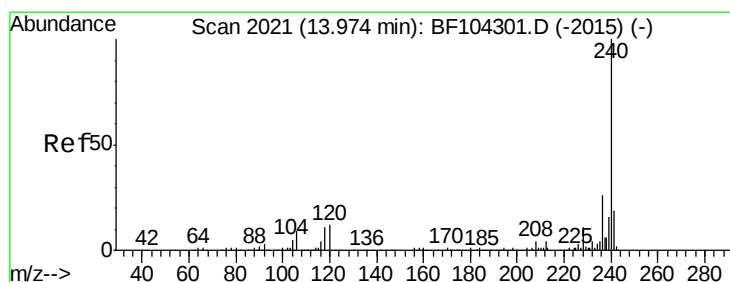
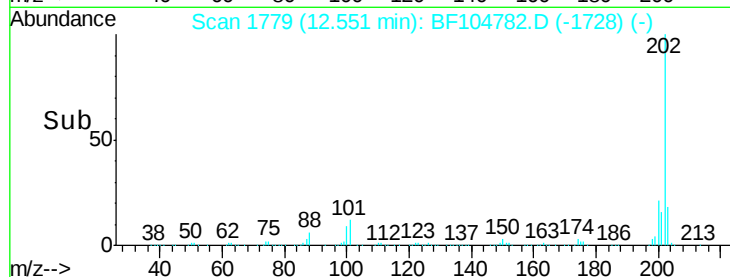
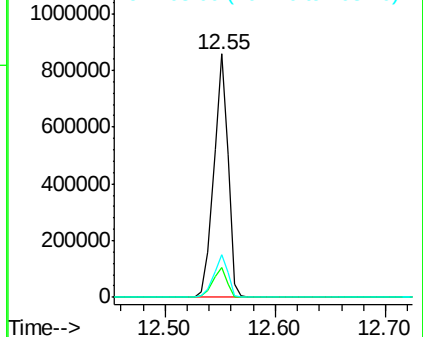
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
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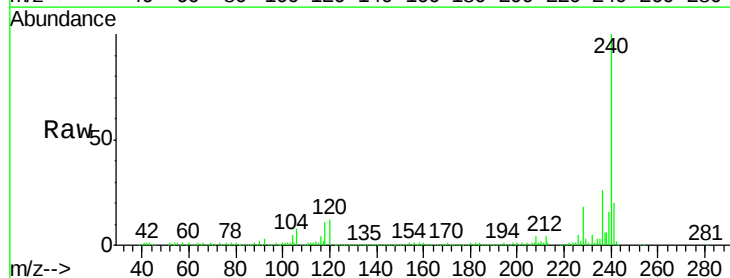


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

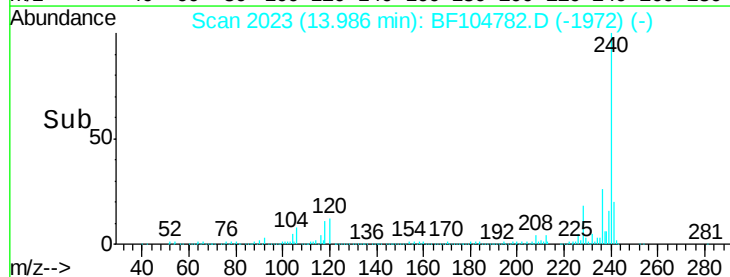
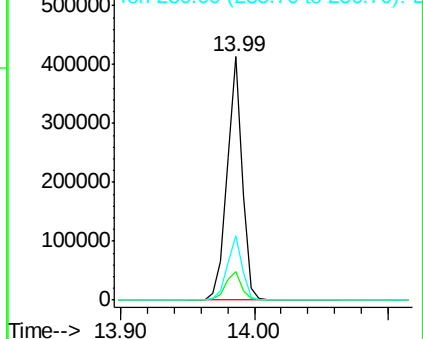


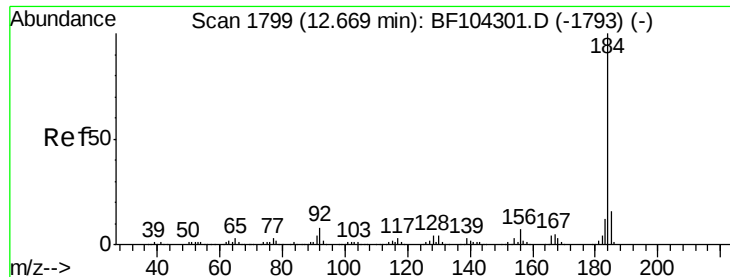
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF104782.D
 Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.3	20.7	31.1



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





#76

Benzidine

Concen: 21.230 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

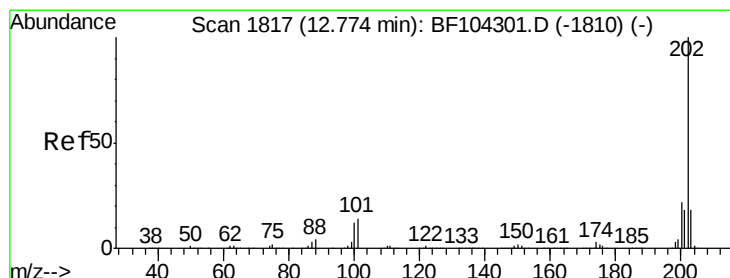
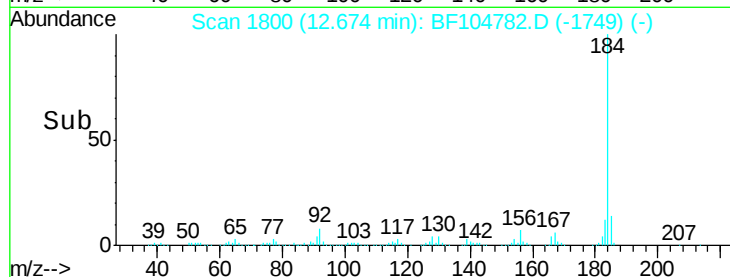
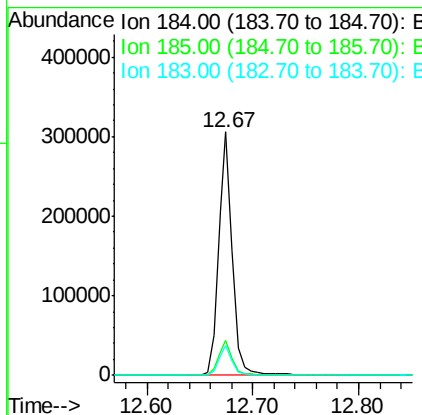
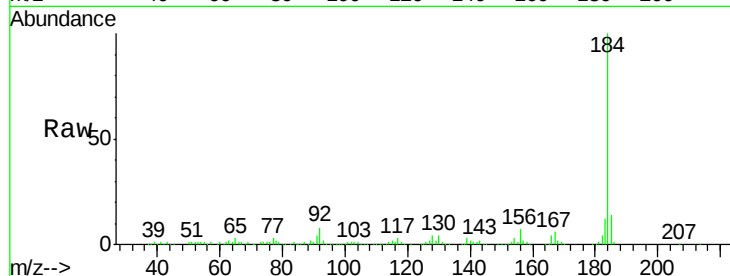
ClientSampleId :

PB108528BS

Tot Ion:	184	Resp:	280737
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	12.3	9.3	13.9

Manual Integrations
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#77

Pyrene

Concen: 30.567 ng

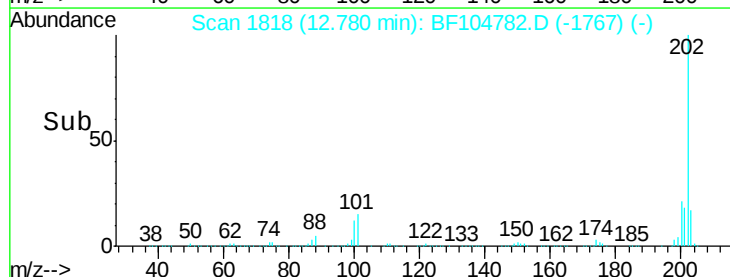
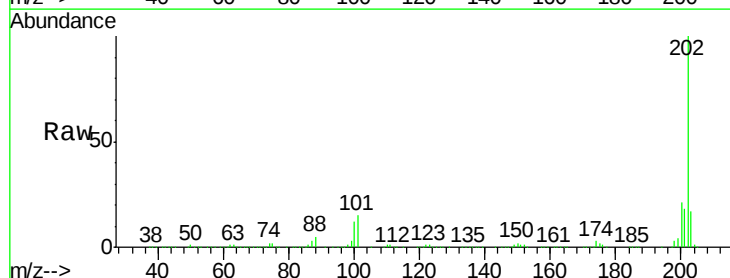
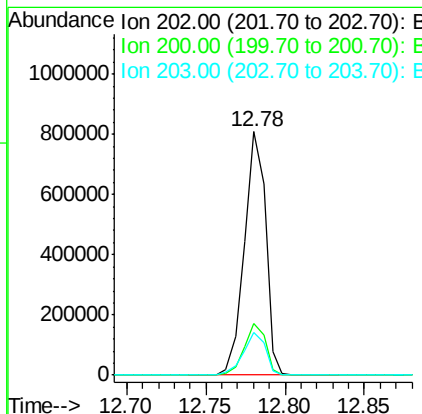
RT: 12.78 min Scan# 1818

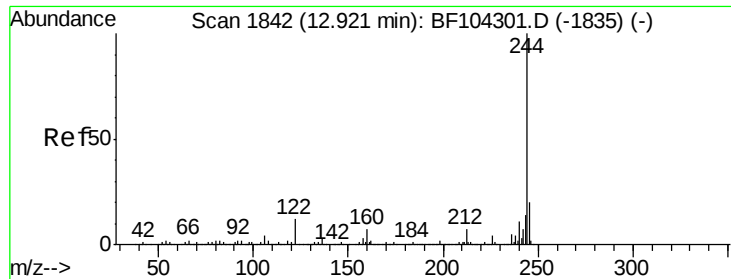
Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	202	Resp:	752831
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5





#78

Terphenyl-d14

Concen: 74.100 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

ClientSampled :

PB108528BS

Tot Ion:244 Resp: 1079966

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

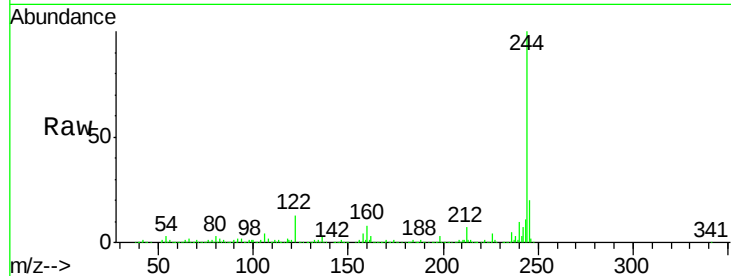
122 12.5 11.0 16.4

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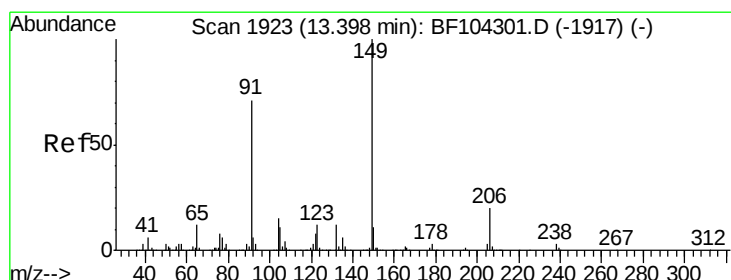
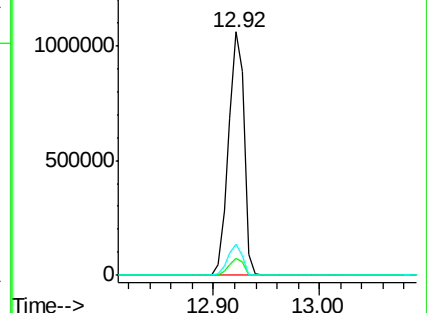
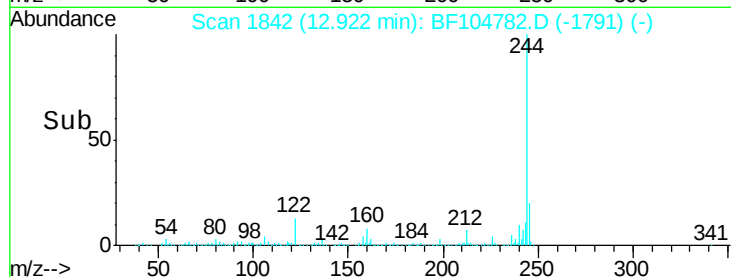
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 31.397 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

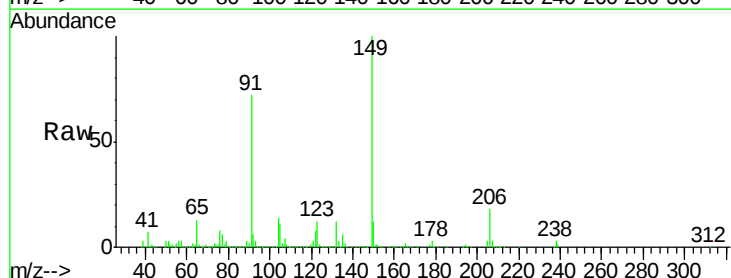
Tgt Ion:149 Resp: 364298

Ion Ratio Lower Upper

149 100

91 72.2 56.8 85.2

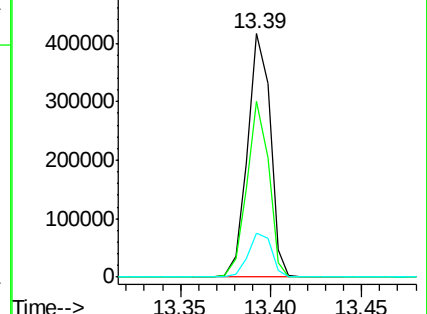
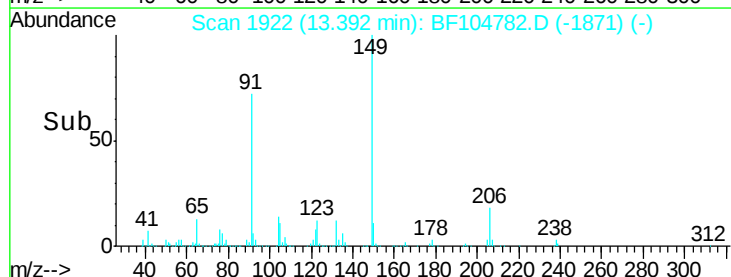
206 17.9 14.1 21.1

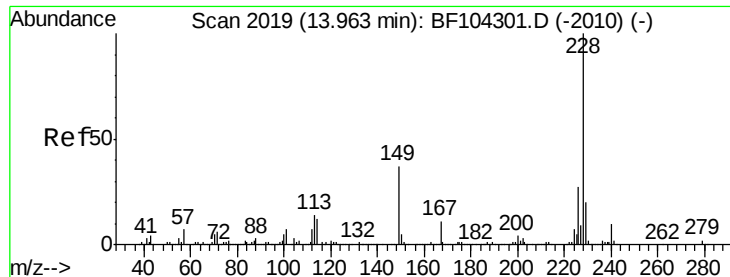


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 31.680 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

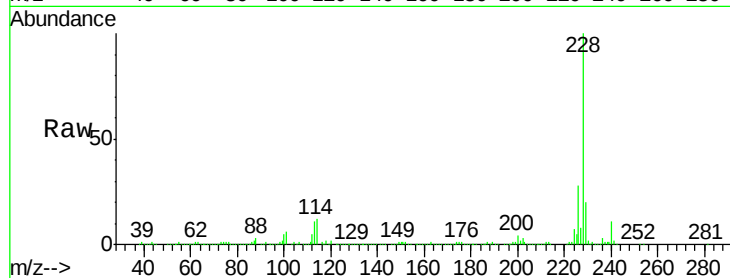
ClientSampleId :

PB108528BS

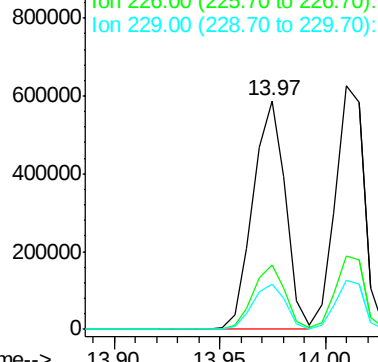
Tot Ion:	228	Resp:	628864
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6

Manual Integrations
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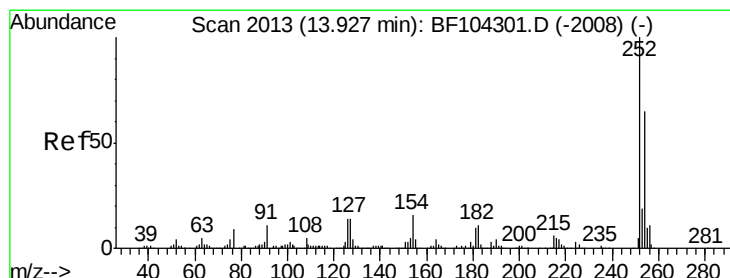
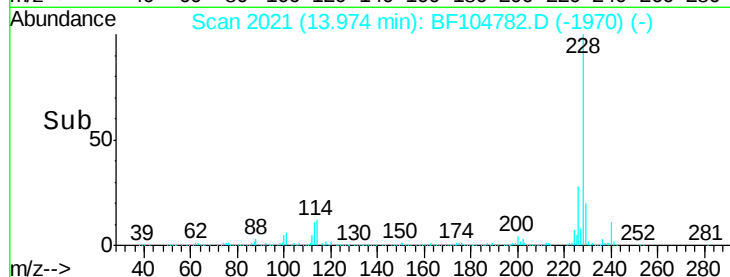
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#81

3,3'-Dichlorobenzidine

Concen: 9.653 ng

RT: 13.93 min Scan# 2014

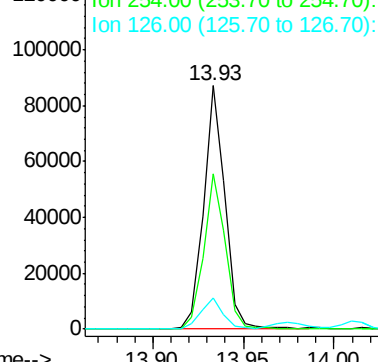
Delta R.T. -0.00 min

Lab File: BF104782.D

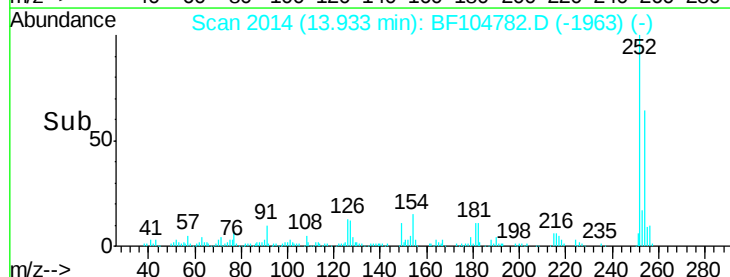
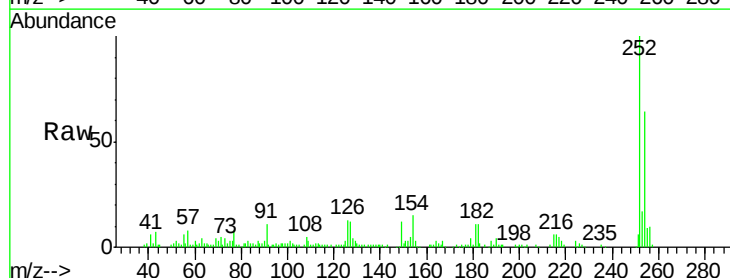
Acq: 25 Apr 2018 12:18

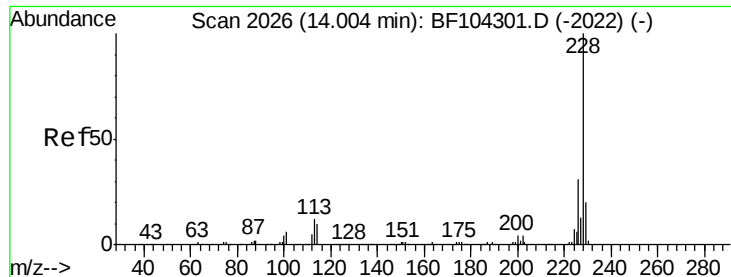
Tgt Ion:	252	Resp:	71443
Ion Ratio	Lower	Upper	
252	100		
254	64.0	50.4	75.6
126	12.9	11.3	16.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#82

Chrysene

Concen: 29.293 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Instrument :

BNA_F

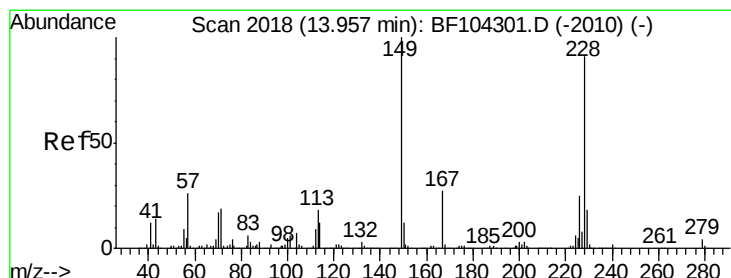
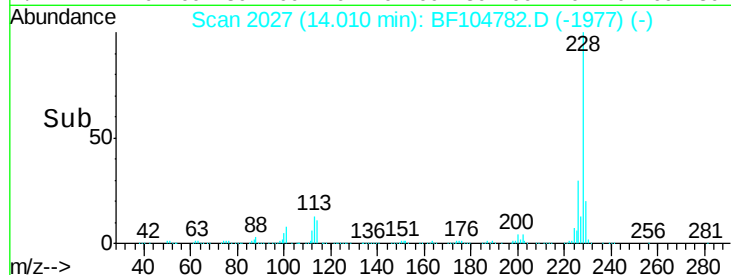
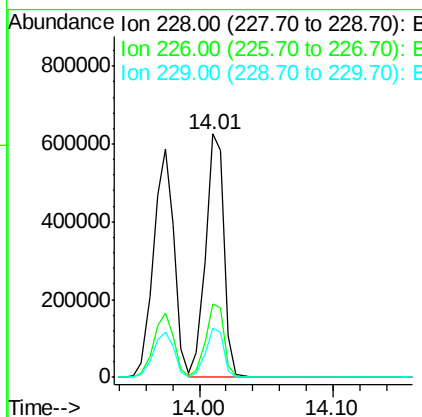
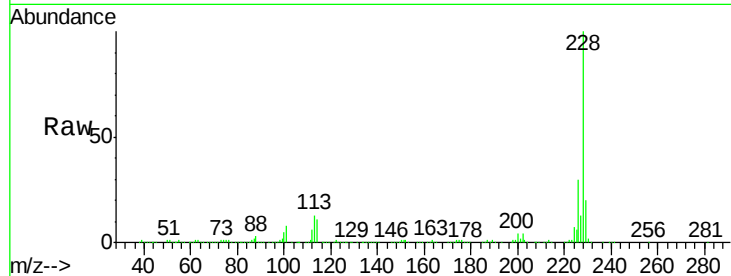
ClientSampleId :

PB108528BS

Tot Ion:	228	Resp:	597257
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	19.9	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 34.111 ng

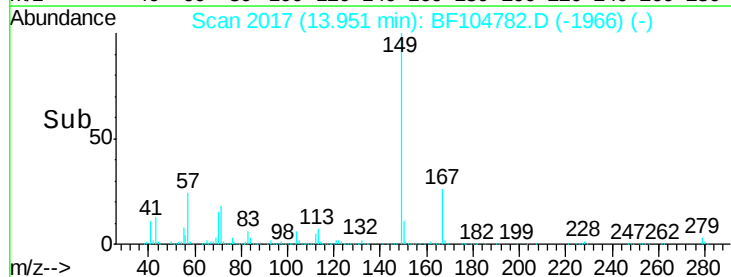
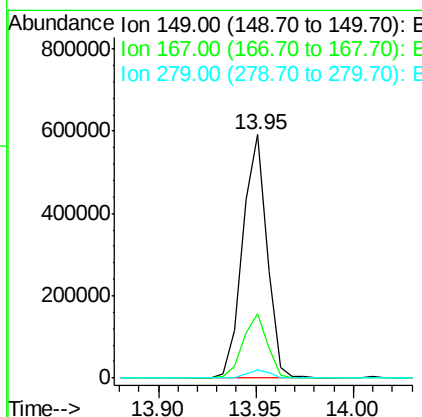
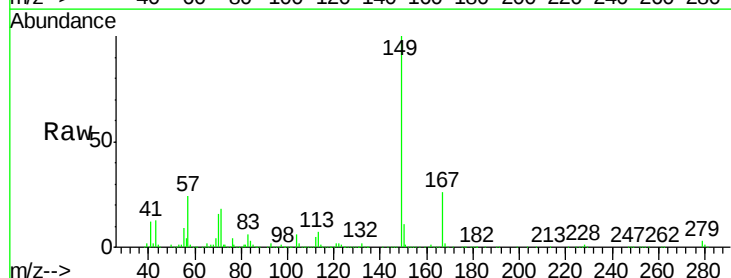
RT: 13.95 min Scan# 2017

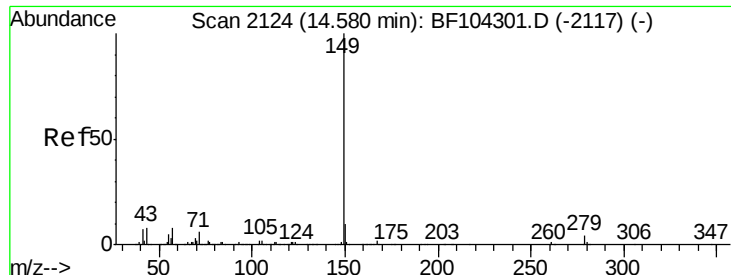
Delta R.T. -0.00 min

Lab File: BF104782.D

Acq: 25 Apr 2018 12:18

Tgt Ion:	149	Resp:	509086
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	3.3	3.0	4.4





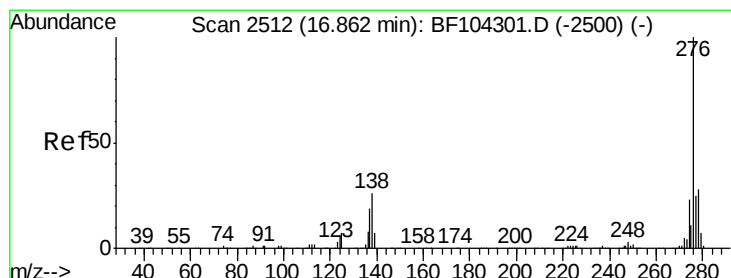
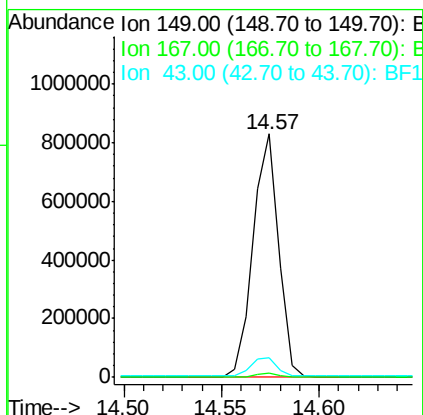
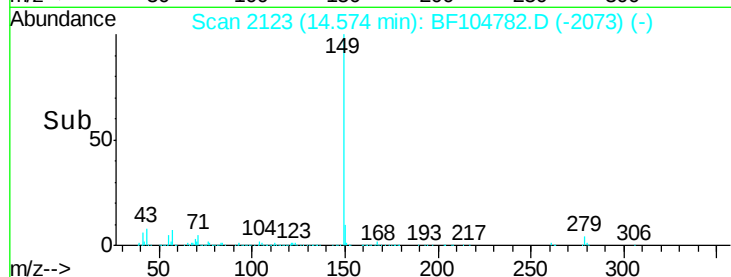
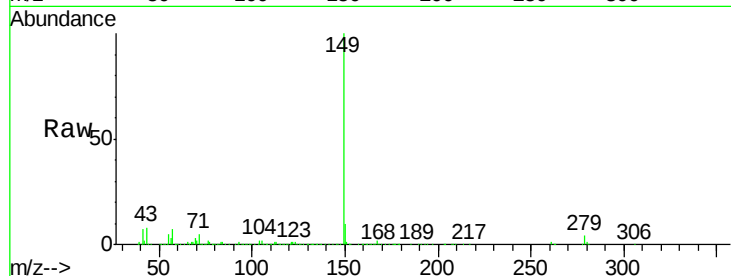
#84
Di-n-octyl phthalate
Concen: 30.151 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampled :
PB108528BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	8.4	12.6

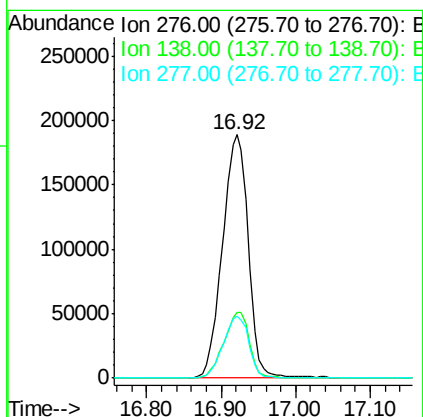
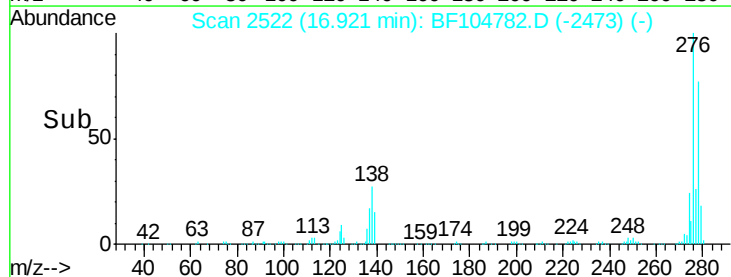
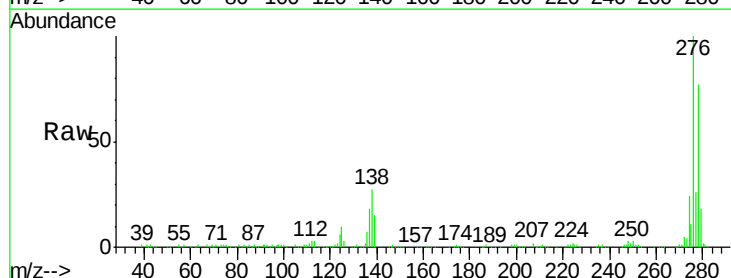
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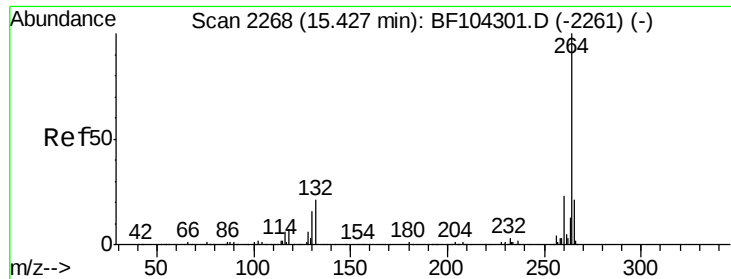
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#85
Indeno(1,2,3-cd)pyrene
Concen: 26.227 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.1	25.0	37.6
277	25.6	20.1	30.1





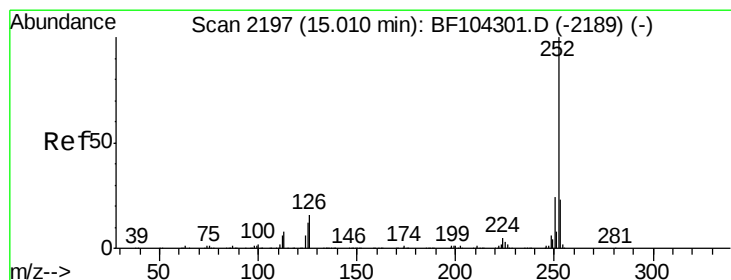
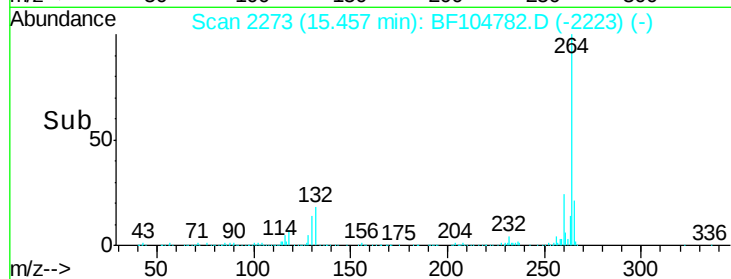
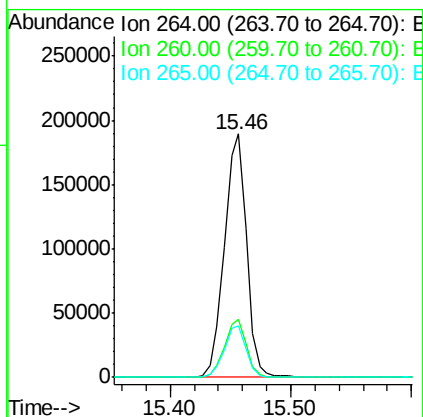
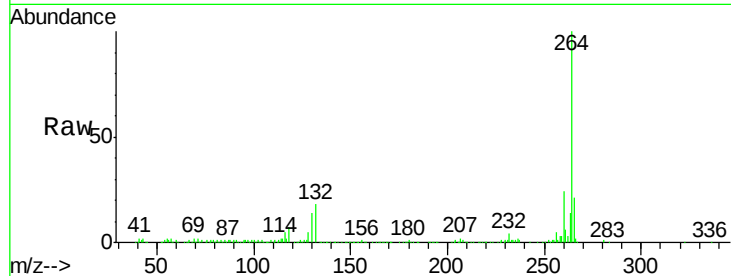
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3

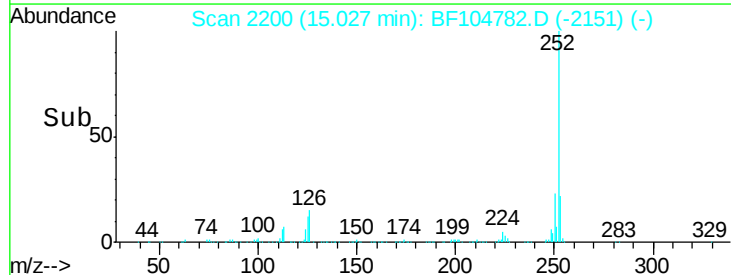
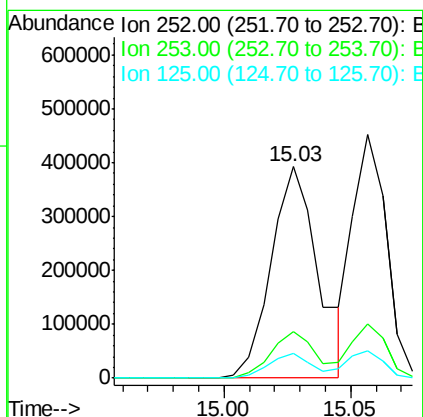
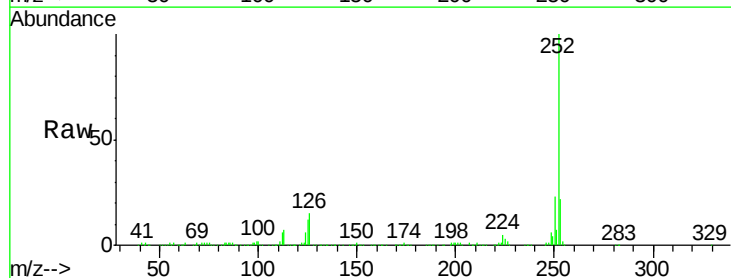
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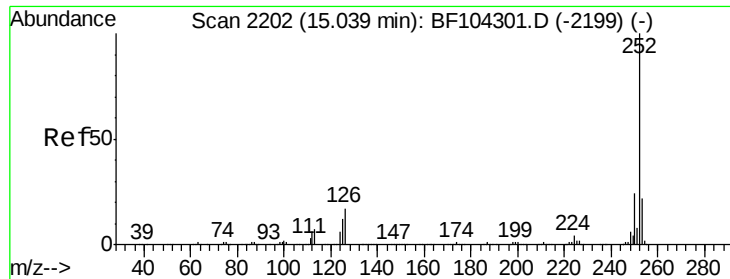
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#87
Benzo(b)fluoranthene
Concen: 33.650 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.8	9.0	13.6





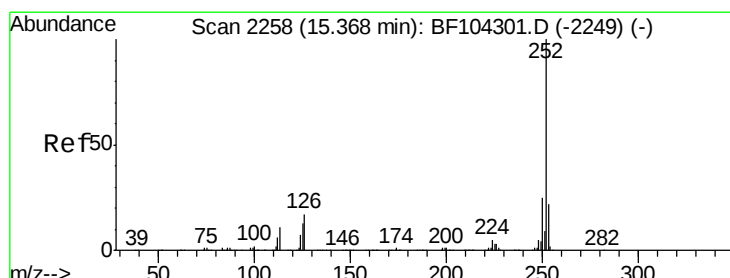
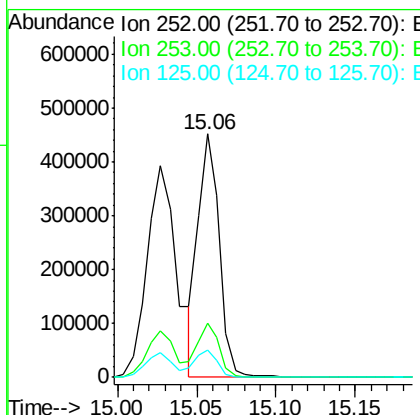
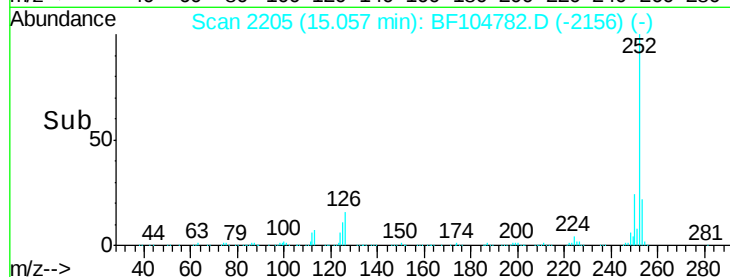
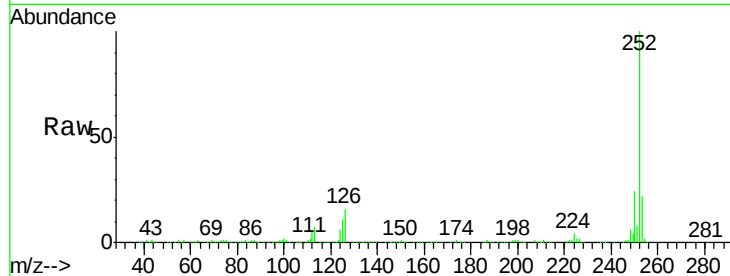
#88
Benzo(k)fluoranthene
Concen: 29.536 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.5	10.2	15.2

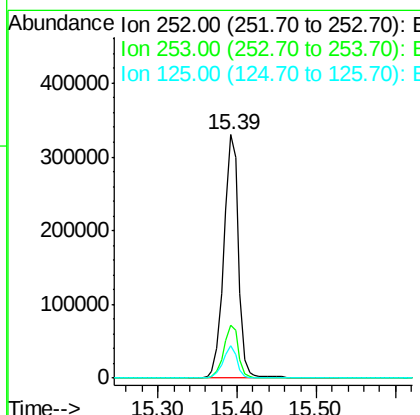
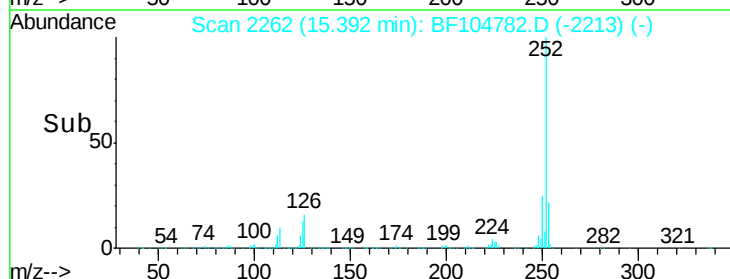
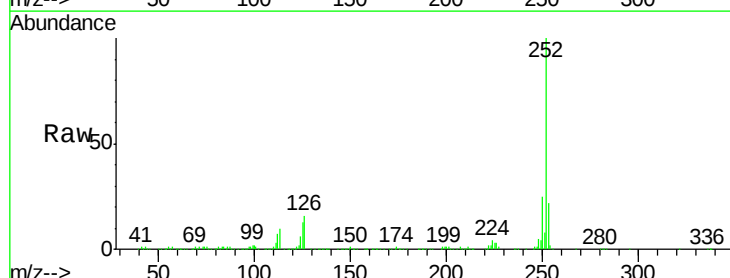
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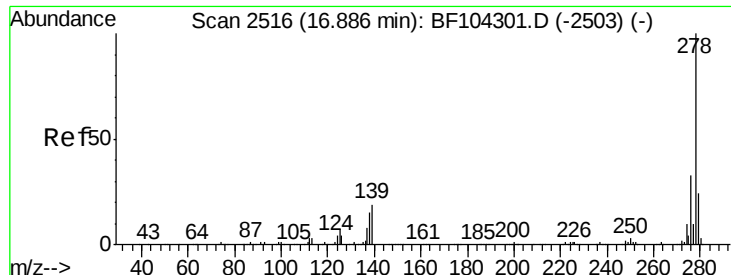
Sohil
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#89
Benzo(a)pyrene
Concen: 31.007 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.2	9.8	14.6





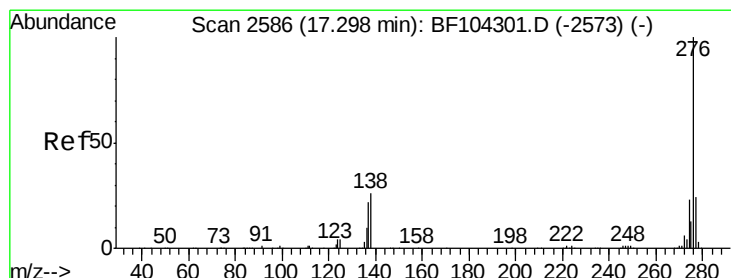
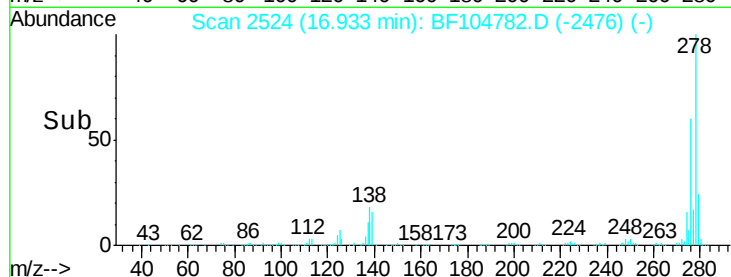
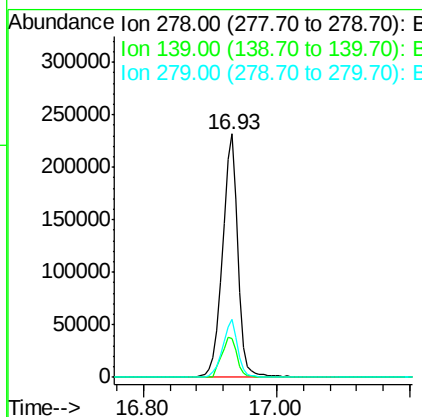
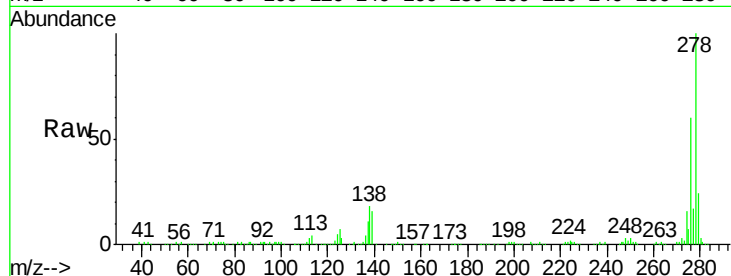
#90
Dibenzo(a,h)anthracene
Concen: 33.914 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB108528BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.9	23.9#
279	23.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
4/26/2018 6:09:09 PM



#91
Benzo(g,h,i)perylene
Concen: 36.468 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BF104782.D
Acq: 25 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	24.2	21.8	32.8

