

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101219.D
 Acq On : 7 Dec 2017 21:34
 Operator : SJ/JU
 Sample : PB104800BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Manual Integrations
 APPROVED

Sohil
 12/8/2017 11:12:28 AM

Quant Time: Dec 08 01:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	43097	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	155470	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	63378	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	111099	20.00	ng	0.00
75) Chrysene-d12	14.03	240	82273	20.00	ng	0.00
86) Perylene-d12	15.50	264	63636	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	219168	84.03	ng	0.00
7) Phenol-d6	6.48	99	257227	81.23	ng	0.00
23) Nitrobenzene-d5	7.41	82	222723	85.46	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	56092	73.67	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	459495	99.20	ng	0.00
78) Terphenyl-d14	12.96	244	338011	89.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	39013	36.174	ng	96
3) Pyridine	3.45	79	104092	37.232	ng	95
4) n-Nitrosodimethylamine	3.40	42	54501	39.913	ng	# 86
6) Aniline	6.51	93	58561	14.222	ng	98
8) 2-Chlorophenol	6.63	128	113062	39.759	ng	96
9) Benzaldehyde	6.39	77	35916	18.532	ng	96
10) Phenol	6.49	94	127913	36.330	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	100445	38.034	ng	96
12) 1,3-Dichlorobenzene	6.78	146	129239	39.031	ng	100
13) 1,4-Dichlorobenzene	6.86	146	131397	38.328	ng	99
14) 1,2-Dichlorobenzene	7.01	146	120872	37.800	ng	99
15) Benzyl Alcohol	6.99	79	87979	35.974	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	156356	43.555	ng	94
17) 2-Methylphenol	7.10	107	88610	38.589	ng	96
18) Hexachloroethane	7.35	117	33025	29.985	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	75815	35.552	ng	96
20) 3+4-Methylphenols	7.25	107	112762	37.655	ng	# 58
22) Acetophenone	7.25	105	148244	39.468	ng	# 90
24) Nitrobenzene	7.43	77	107225	41.978	ng	99
25) Isophorone	7.66	82	194015	43.582	ng	99
26) 2-Nitrophenol	7.75	139	38989	27.806	ng	94
27) 2,4-Dimethylphenol	7.78	122	94398	46.538	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	124993	41.775	ng	99
29) 2,4-Dichlorophenol	7.99	162	91199	41.306	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	101871	41.960	ng	96
31) Naphthalene	8.15	128	308538	40.267	ng	99
32) Benzoic acid	7.90	122	37369m	23.687	ng	
33) 4-Chloroaniline	8.20	127	31250	10.150	ng	99
34) Hexachlorobutadiene	8.26	225	61227	41.118	ng	97
35) Caprolactam	8.58	113	24663m	35.843	ng	
36) 4-Chloro-3-methylphenol	8.69	107	86782	37.944	ng	98
37) 2-Methylnaphthalene	8.84	142	204882	39.352	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	93993	40.824	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	6826	15.475	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	59531	44.108	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	59638	41.331	nq	92
45) 1,1'-Biphenyl	9.30	154	234328	40.355	nq	97
46) 2-Chloronaphthalene	9.33	162	181801	44.086	nq	96
47) 2-Nitroaniline	9.43	65	55656	45.617	nq	96
48) Acenaphthylene	9.75	152	266942	39.389	nq	99
49) Dimethylphthalate	9.60	163	220190	43.079	nq	99
50) 2,6-Dinitrotoluene	9.67	165	36893	34.270	nq	# 82
51) Acenaphthene	9.92	154	158050	38.947	nq	99
52) 3-Nitroaniline	9.85	138	47463	39.204	nq	99
53) 2,4-Dinitrophenol	9.96	184	2423	8.940	nq	# 16
54) Dibenzofuran	10.09	168	237435	40.601	nq	99
55) 4-Nitrophenol	10.01	139	48922	59.919	nq	97
56) 2,4-Dinitrotoluene	10.08	165	42786	29.656	nq	95
57) Fluorene	10.43	166	181715	38.224	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	45319	39.227	nq	# 86
59) Diethylphthalate	10.30	149	202979	40.262	nq	95
60) 4-Chlorophenyl-phenylether	10.42	204	92102	39.239	nq	94
61) 4-Nitroaniline	10.46	138	47316	37.650	nq	91
62) Azobenzene	10.59	77	158993	37.162	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	2398	3.218	nq	80
65) n-Nitrosodiphenylamine	10.55	169	165948	42.340	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	54951	44.188	nq	# 84
67) Hexachlorobenzene	10.99	284	54509	40.898	nq	# 88
68) Atrazine	11.07	200	49720	41.355	nq	98
69) Pentachlorophenol	11.19	266	42711	58.283	nq	97
70) Phenanthrene	11.40	178	242564	39.646	nq	99
71) Anthracene	11.45	178	252032	40.702	nq	98
72) Carbazole	11.61	167	221599	39.169	nq	99
73) Di-n-butylphthalate	11.93	149	291497	41.106	nq	98
74) Fluoranthene	12.59	202	249022	36.719	nq	95
76) Benzidine	12.72	184	207382	77.515	nq	96
77) Pyrene	12.82	202	249842	44.009	nq	98
79) Butylbenzylphthalate	13.43	149	111935	44.721	nq	95
80) Benzo(a)anthracene	14.02	228	208213	40.083	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	78677	43.734	nq	# 98
82) Chrysene	14.05	228	196771	40.787	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	158139	44.311	nq	99
84) Di-n-octyl phthalate	14.60	149	248049	41.744	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	150055	34.986	nq	# 90
87) Benzo(b)fluoranthene	15.07	252	169345	44.429	nq	98
88) Benzo(k)fluoranthene	15.10	252	148875	39.644	nq	# 94
89) Benzo(a)pyrene	15.44	252	145329	41.939	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	123447	40.409	nq	# 94
91) Benzo(g,h,i)perylene	17.44	276	120651	41.907	nq	# 90

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

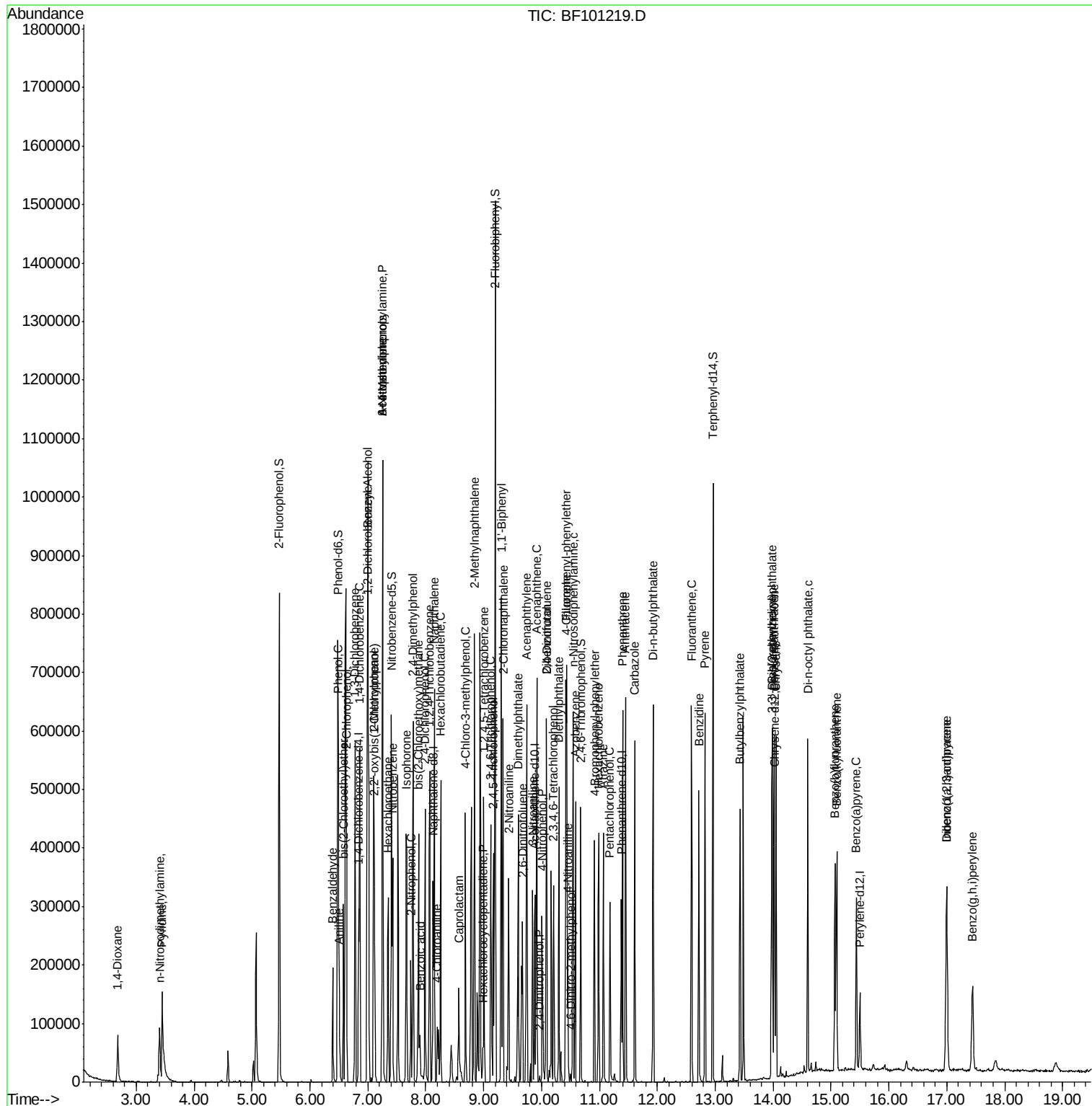
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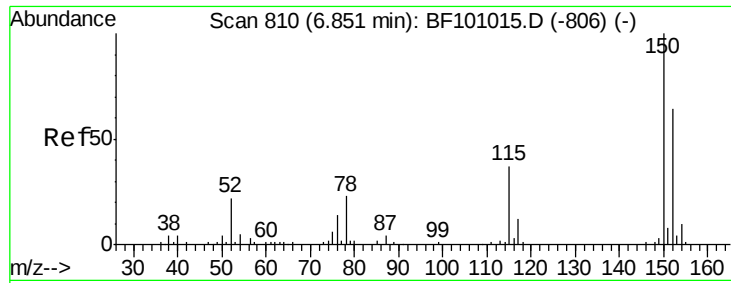
Instrument :
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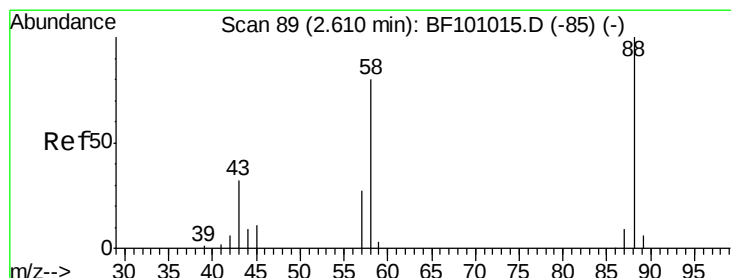
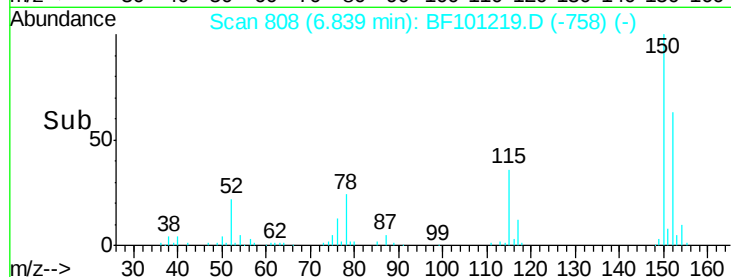
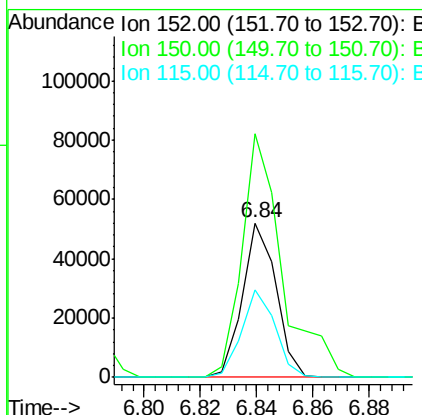
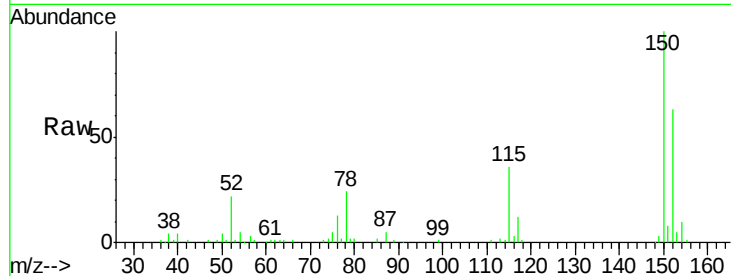
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampled :
PB104800BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	56.4	50.1	75.1

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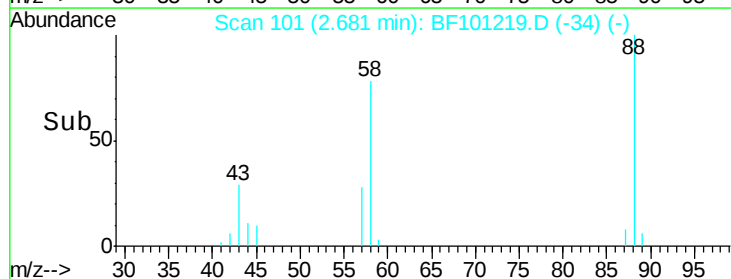
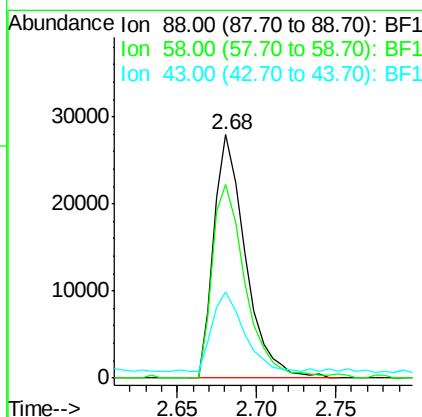
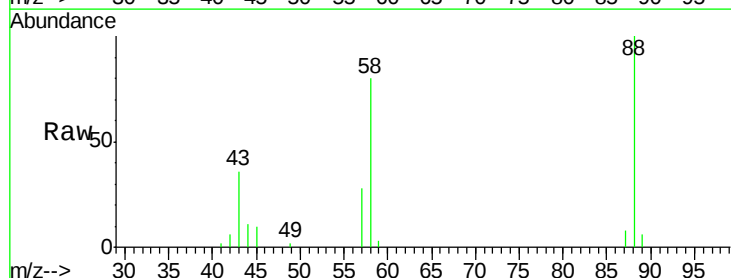
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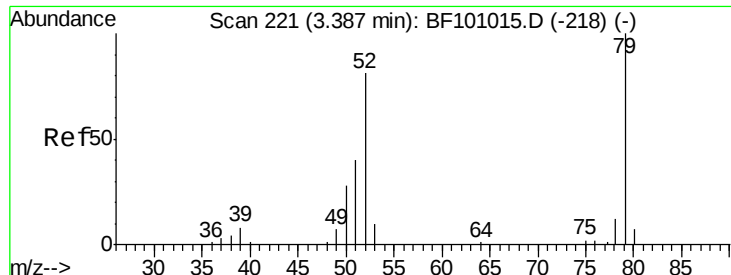


#2

1,4-Dioxane
Concen: 36.174 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	31.9	24.6	37.0





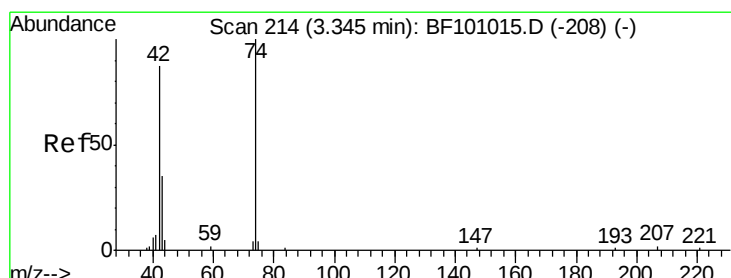
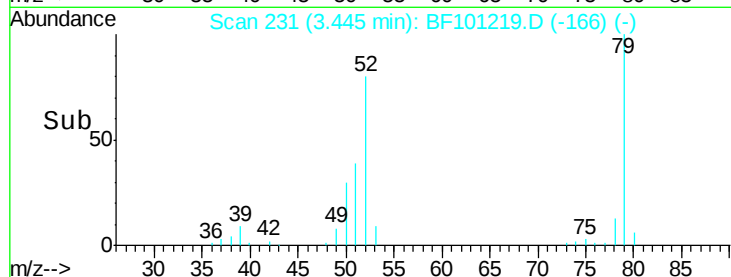
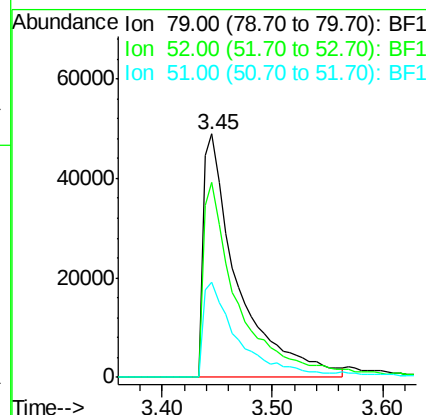
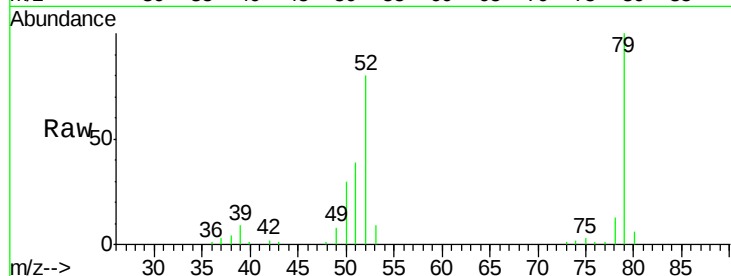
#3
 Pvridine
 Concen: 37.232 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.1	59.8	89.6
51	38.9	29.8	44.8

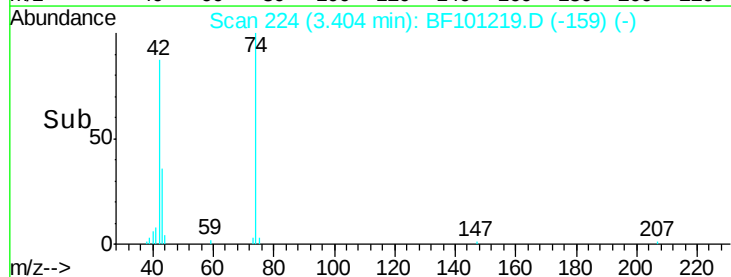
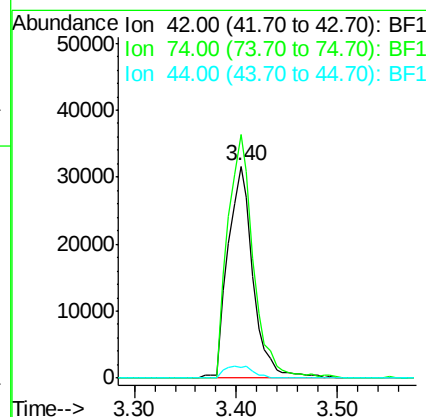
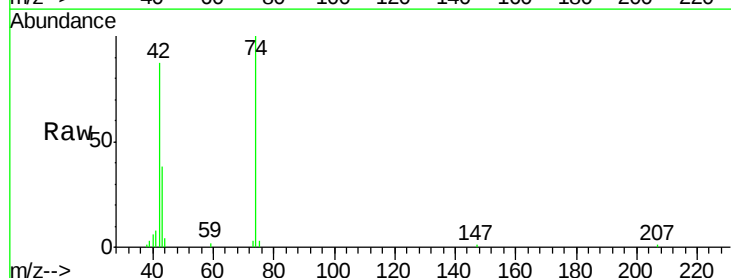
Manual Integrations
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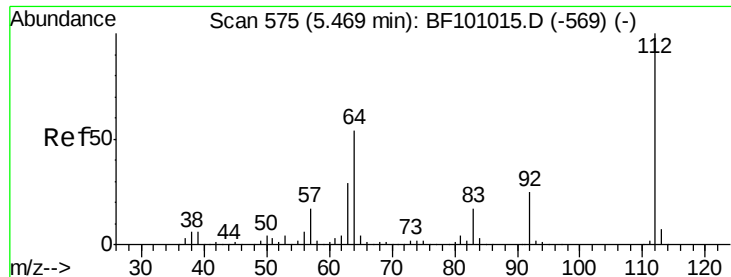
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#4
 n-Nitrosodimethylamine
 Concen: 39.913 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.08 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.9	104.9	157.3
44	5.1	6.9	10.3#





#5

2-Fluorophenol

Concen: 84.034 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

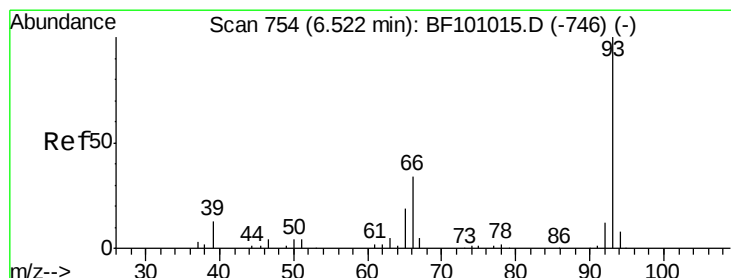
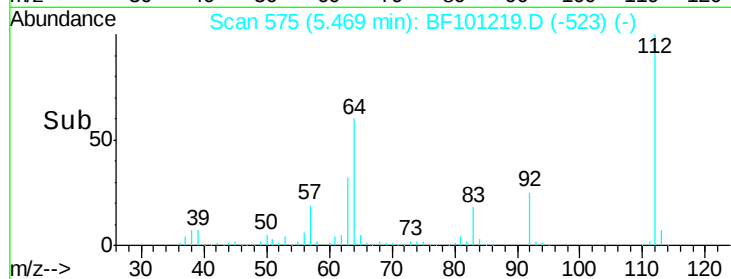
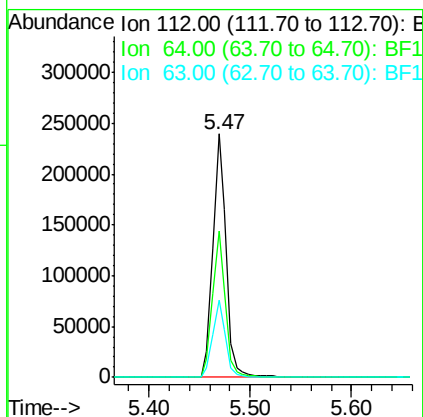
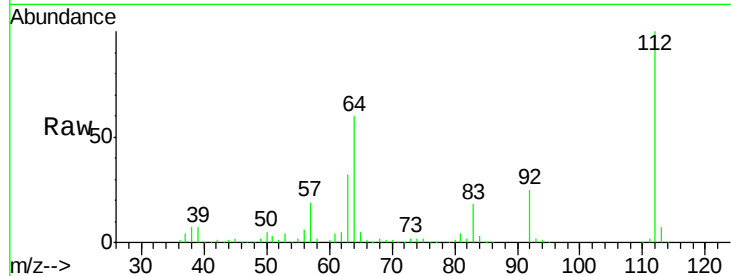
ClientSampleId :

PB104800BS

Tot Ion:	112	Resp:	219168
Ion Ratio	Lower	Upper	
112	100		
64	59.9	47.9	71.9
63	31.6	23.7	35.5

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#6

Aniline

Concen: 14.222 ng

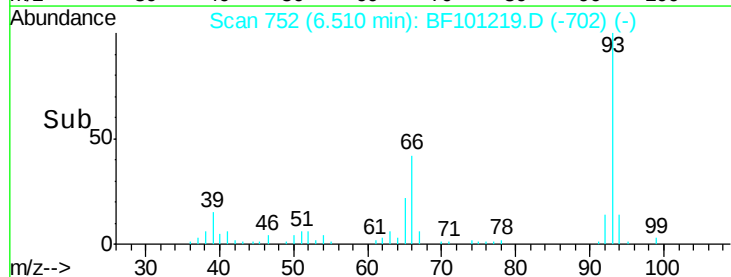
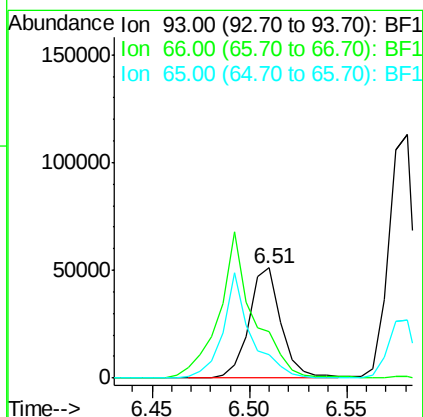
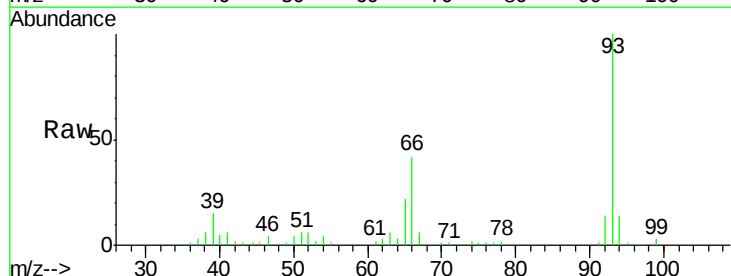
RT: 6.51 min Scan# 752

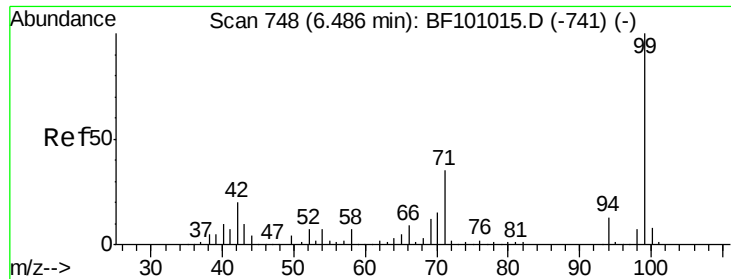
Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion:	93	Resp:	58561
Ion Ratio	Lower	Upper	
93	100		
66	41.6	32.2	48.2
65	21.7	16.4	24.6





#7

Phenol-d6

Concen: 81.235 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

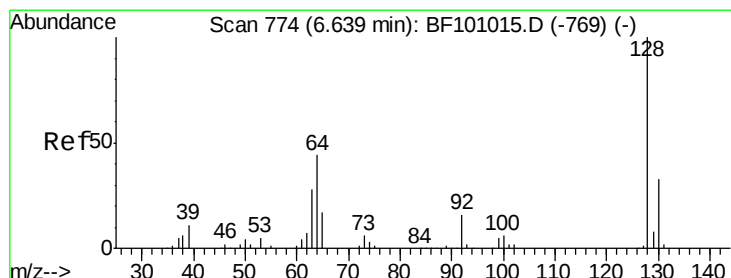
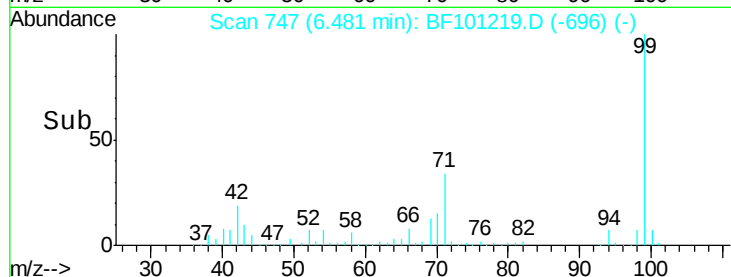
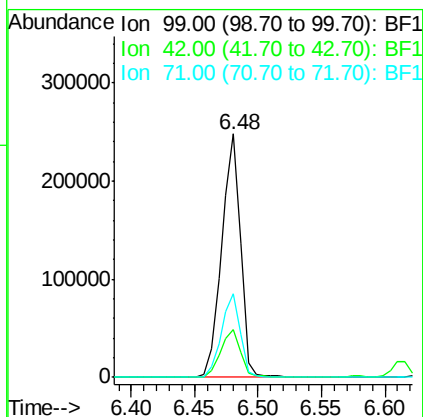
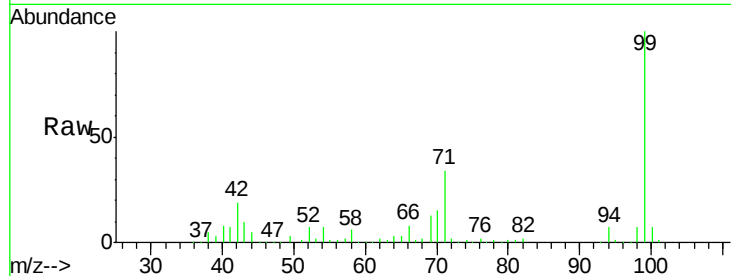
ClientSampleId :

PB104800BS

Tot Ion:	99	Resp:	257227
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	34.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.759 ng

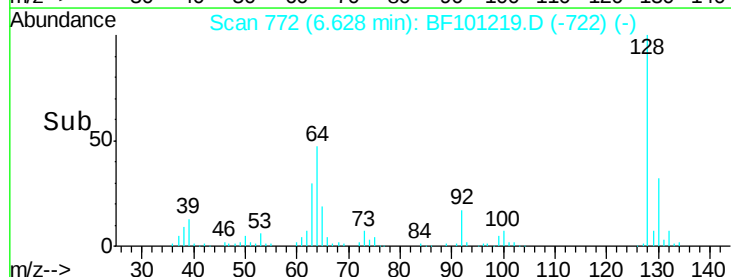
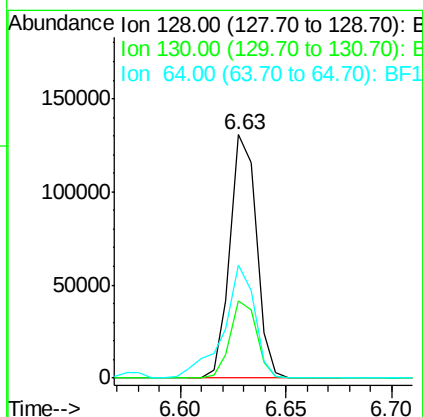
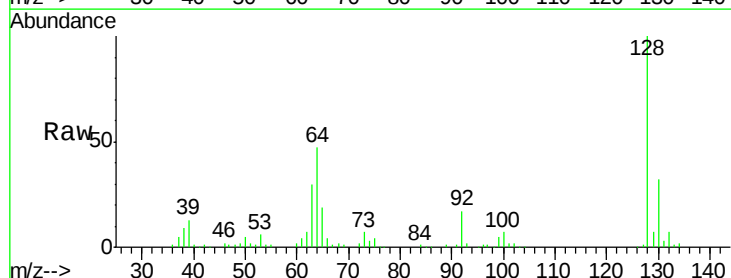
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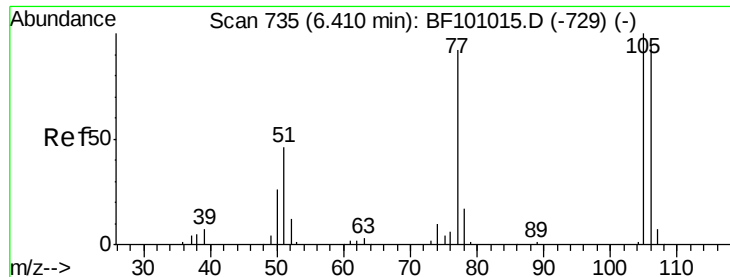
Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion:	128	Resp:	113062
Ion Ratio	Lower	Upper	
128	100		
130	31.5	13.0	53.0
64	46.5	29.4	69.4





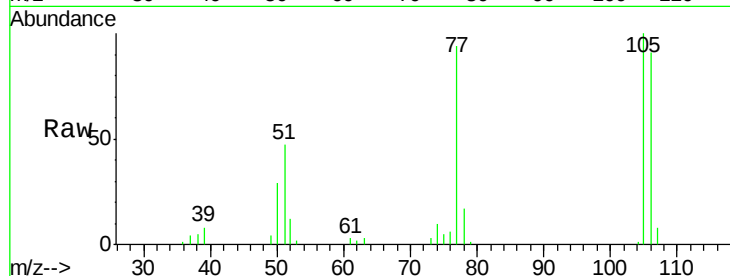
#9
Benzaldehyde
Concen: 18.532 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

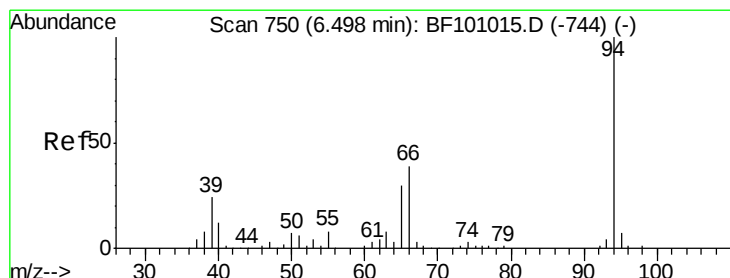
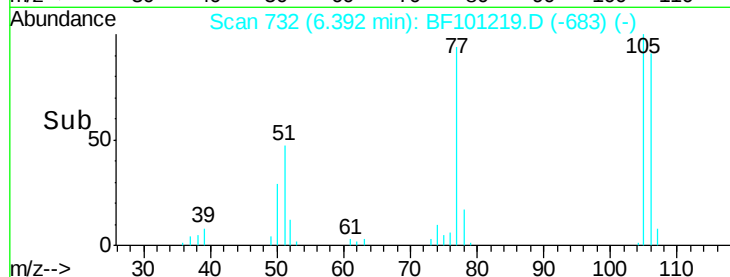
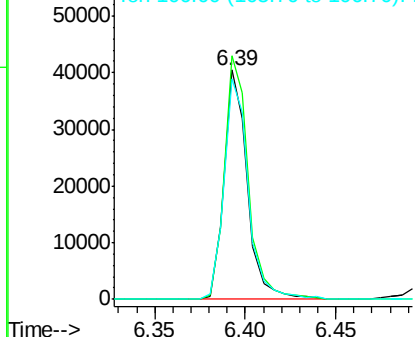
Tot Ion	Ratio	Lower	Upper
77	100		
105	106.3	81.1	121.1
106	96.5	74.5	114.5

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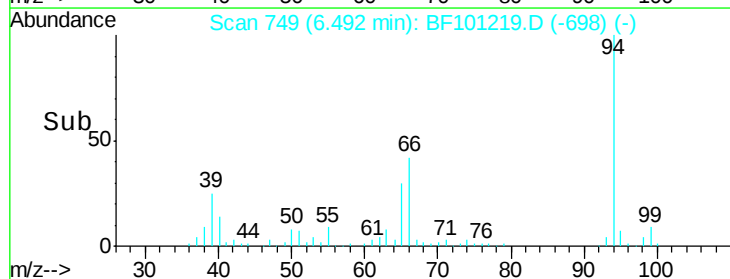
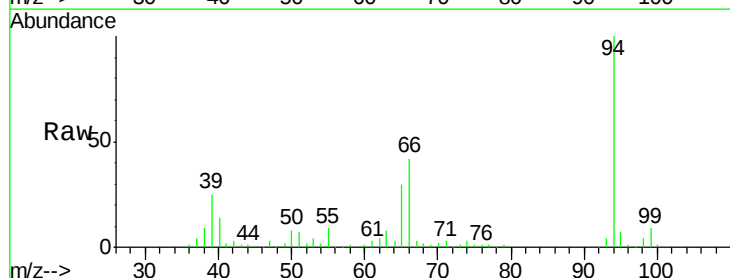
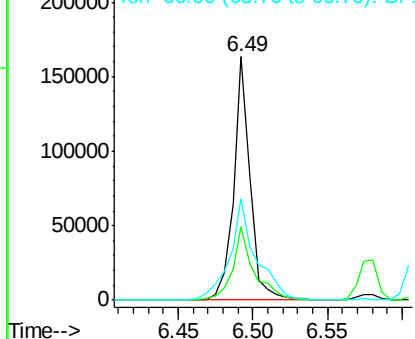
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

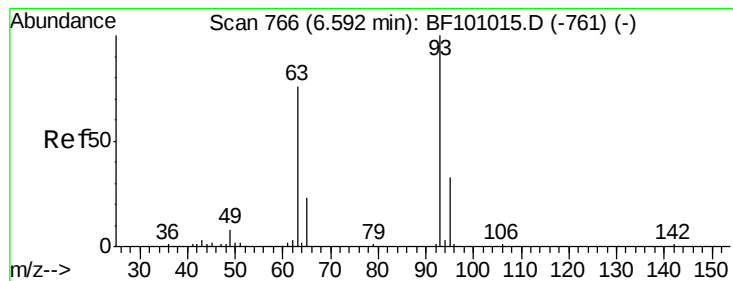


#10
Phenol
Concen: 36.330 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.9	47.9
66	41.5	16.2	56.2

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





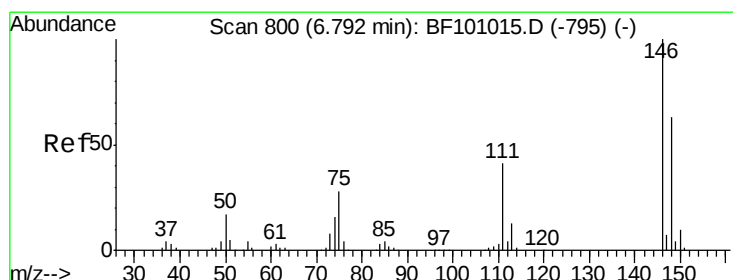
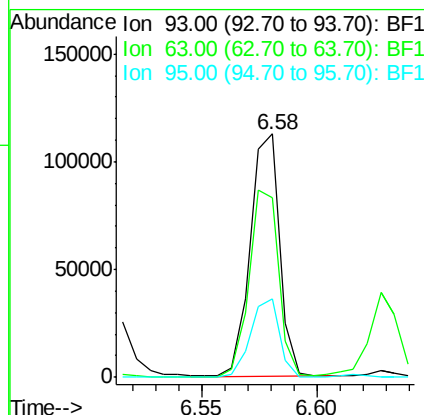
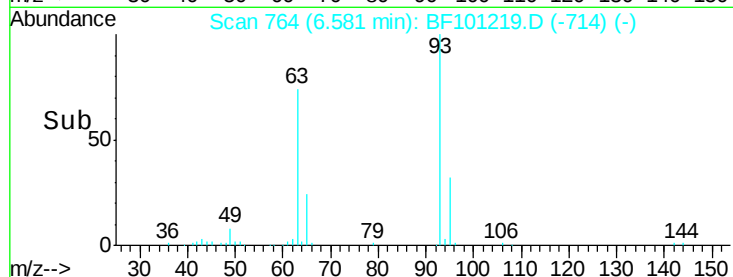
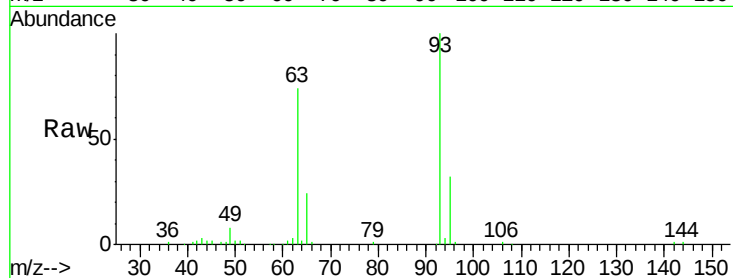
#11
bis(2-Chloroethyl)ether
Concen: 38.034 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	100445		
63	73.9		58.6	98.6
95	32.0		11.8	51.8

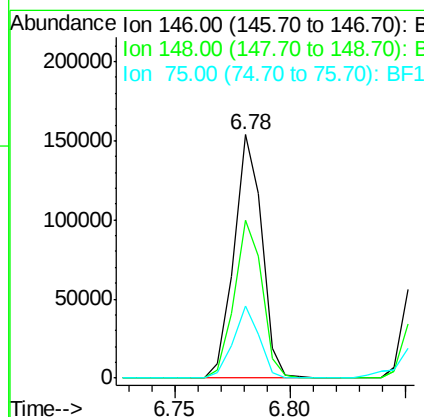
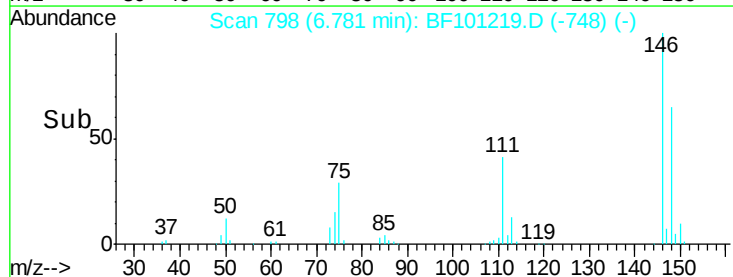
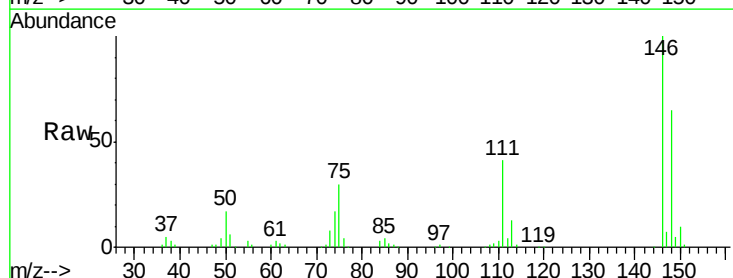
Manual Integrations
APPROVED

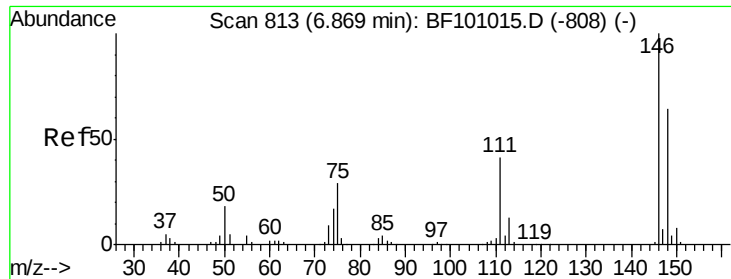
Sohil
12/8/2017 11:12:28 AM



#12
1,3-Dichlorobenzene
Concen: 39.031 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129239		
148	64.9		51.8	77.8
75	29.8		24.2	36.4





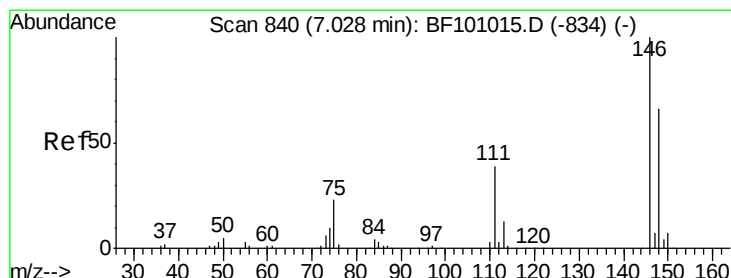
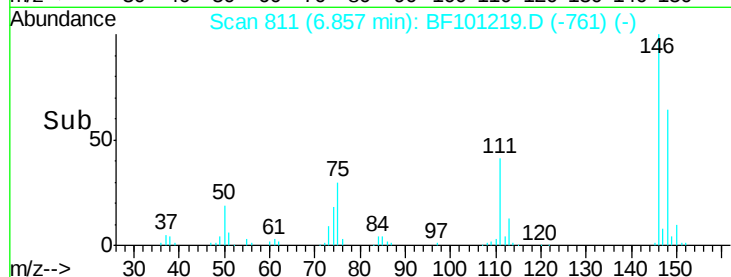
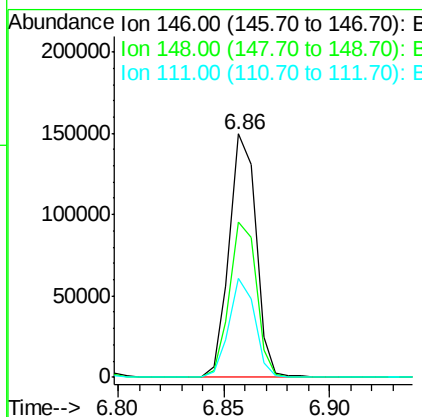
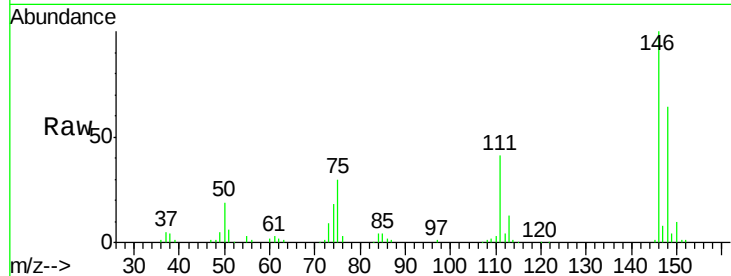
#13
 1,4-Dichlorobenzene
 Concen: 38.328 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	40.9	34.2	51.2

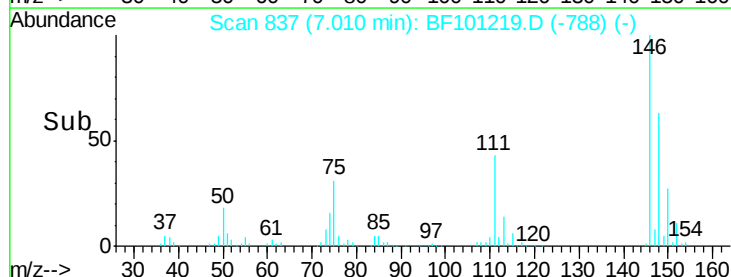
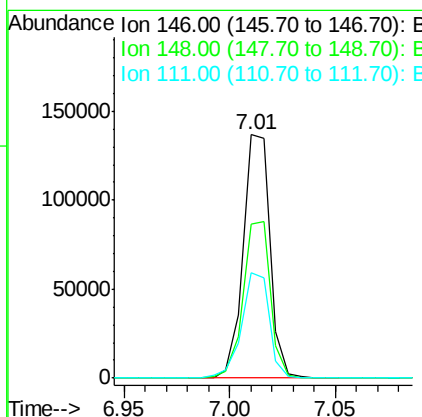
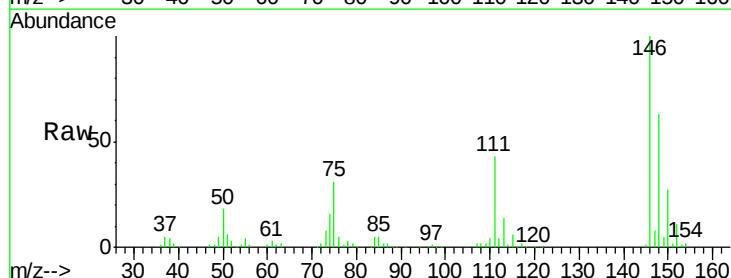
Manual Integrations
 APPROVED

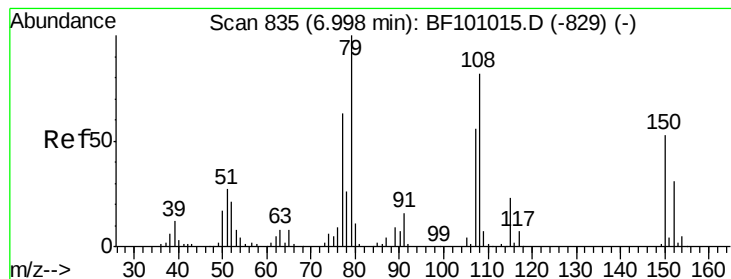
Sohil
 12/8/2017 11:12:28 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.800 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.974 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

ClientSampled :

PB104800BS

Tot Ion: 79 Resp: 87979

Ion Ratio Lower Upper

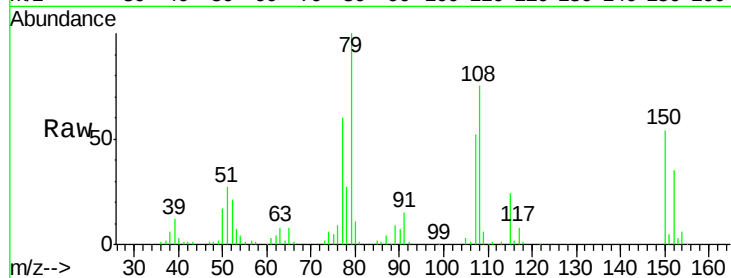
79 100

108 75.1 65.1 97.7

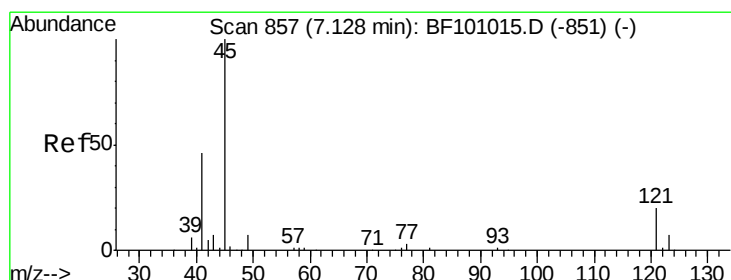
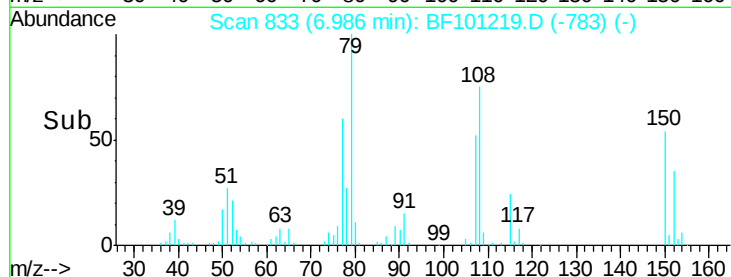
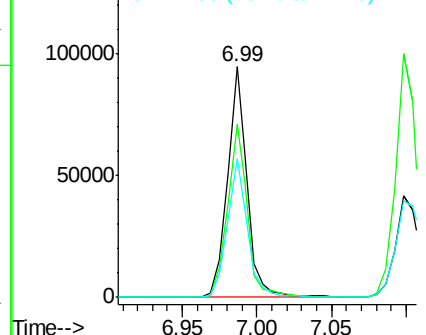
77 60.0 50.6 75.8

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.555 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

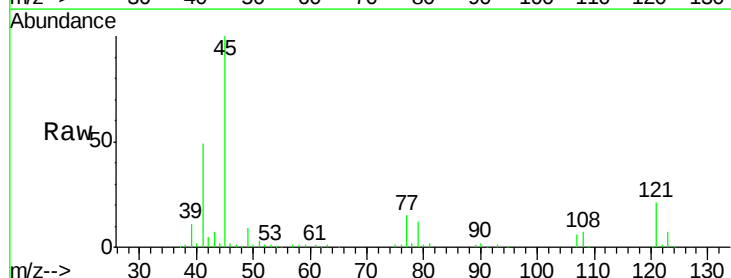
Tgt Ion: 45 Resp: 156356

Ion Ratio Lower Upper

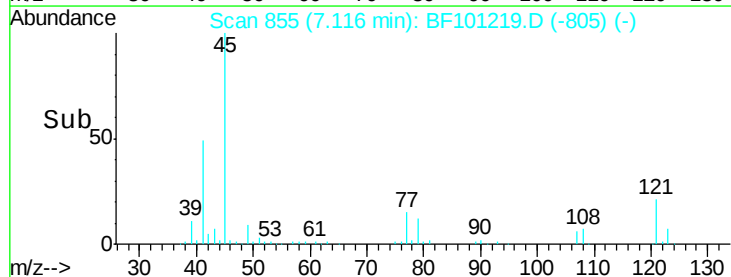
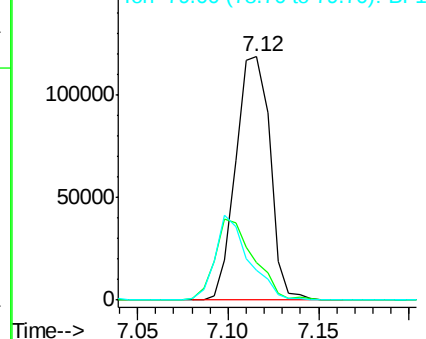
45 100

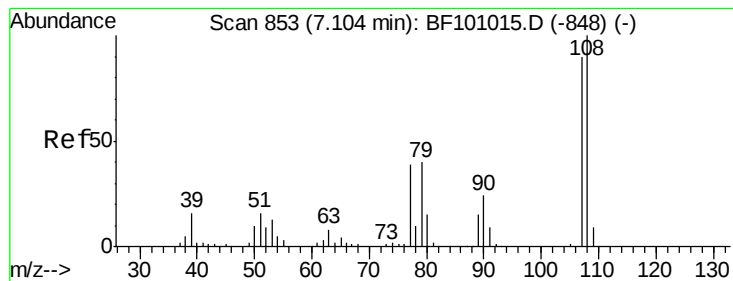
77 15.4 0.0 32.9

79 12.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





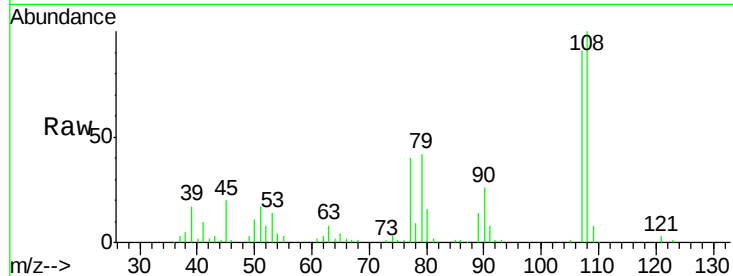
#17
2-Methylphenol
Concen: 38.589 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	91.7	137.5	
77	43.8	33.8	50.8	
79	45.9	33.8	50.8	

Manual Integrations
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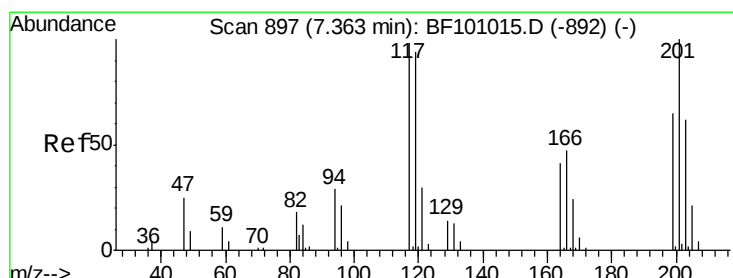
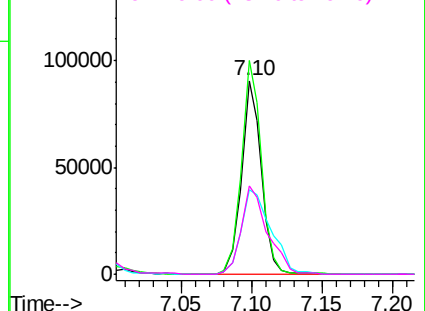
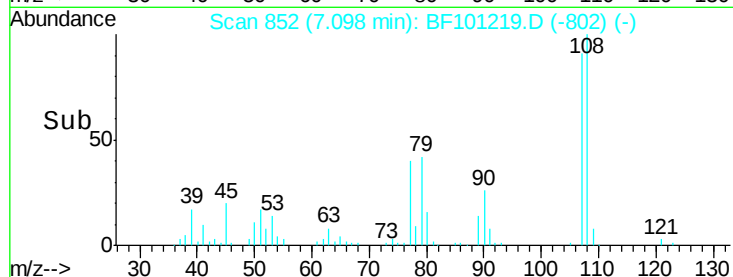
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

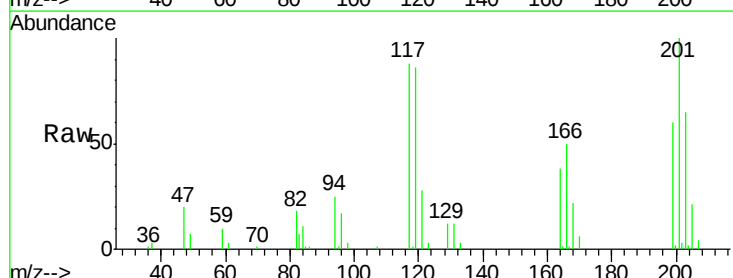
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.985 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	75.8	113.8	
201	113.2	75.7	113.5	

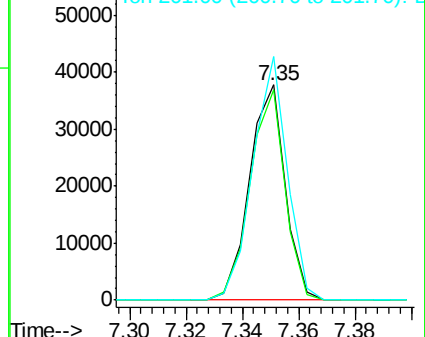
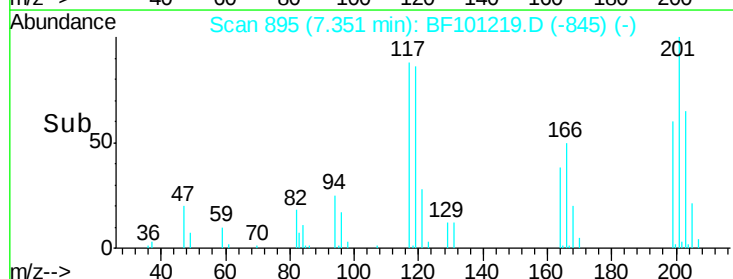


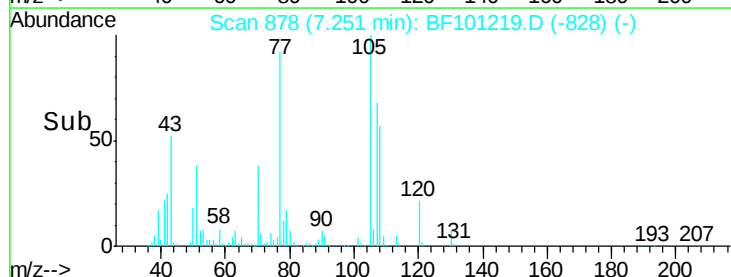
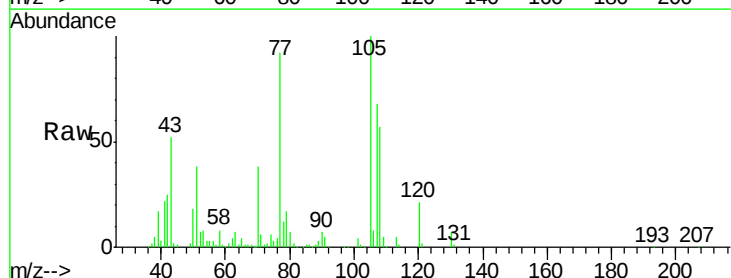
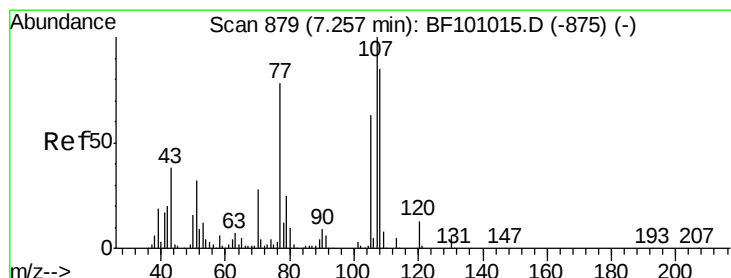
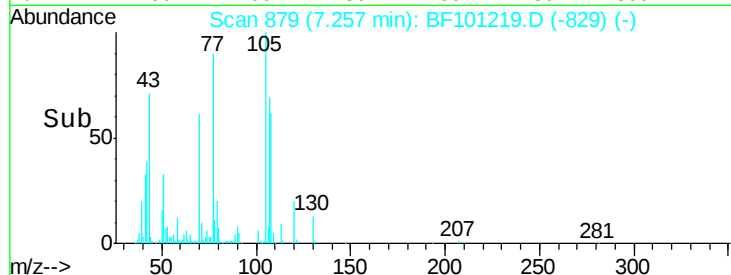
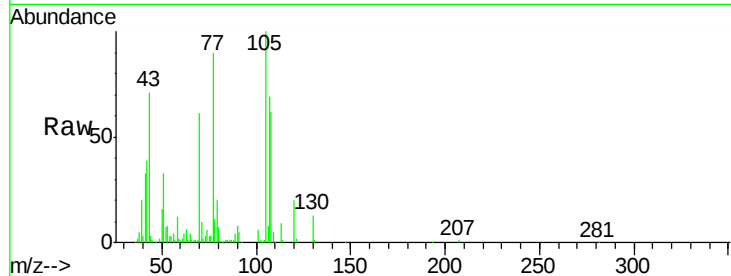
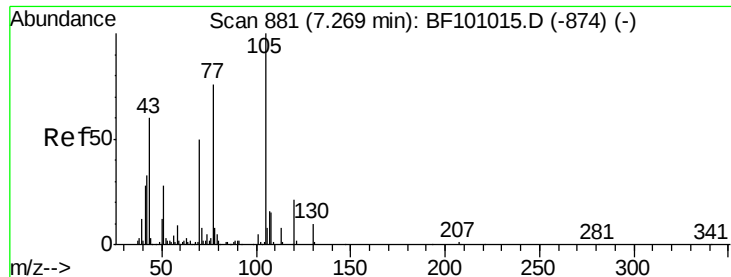
Abundance

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





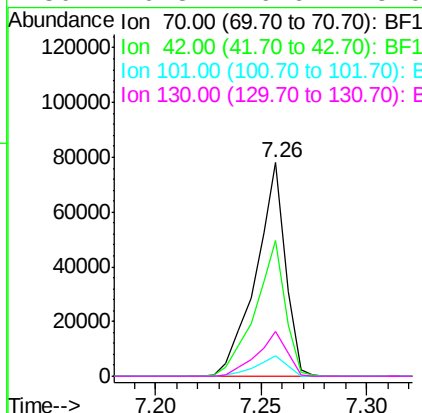
#19
n-Nitroso-di-n-propylamine
Concen: 35.552 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.5	47.5	71.3	
101	9.8	7.4	11.2	
130	20.8	16.6	25.0	

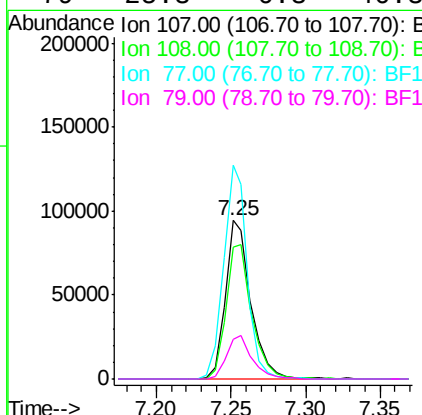
Manual Integrations
APPROVED

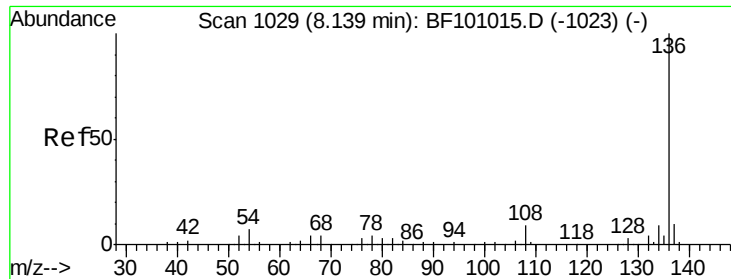
Sohil
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#20
3+4-Methylphenols
Concen: 37.655 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.5	68.2	108.2	
77	135.1	26.7	66.7#	
79	25.3	6.3	46.3	





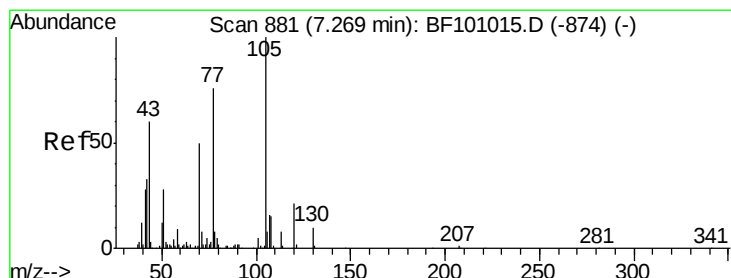
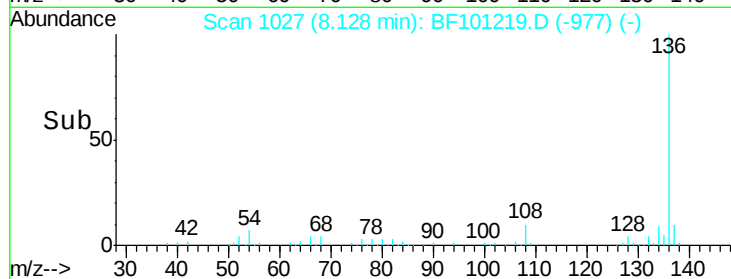
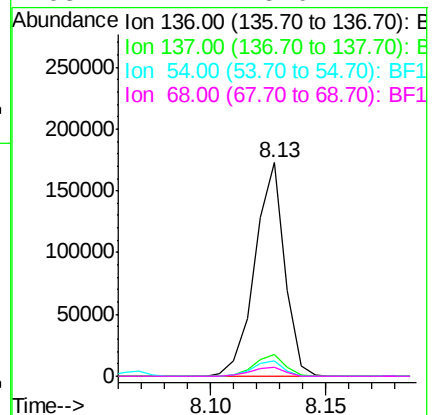
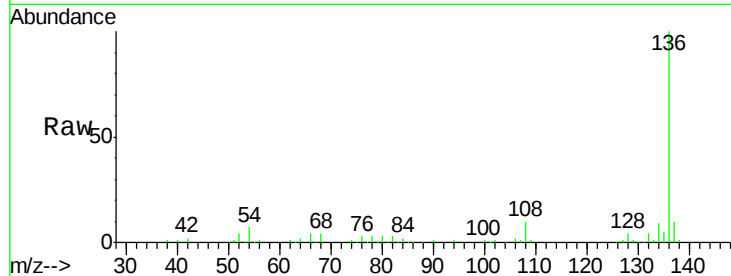
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		155470		
137	10.3		8.9	13.3	
54	7.1		6.6	9.8	
68	4.1		5.0	7.4	

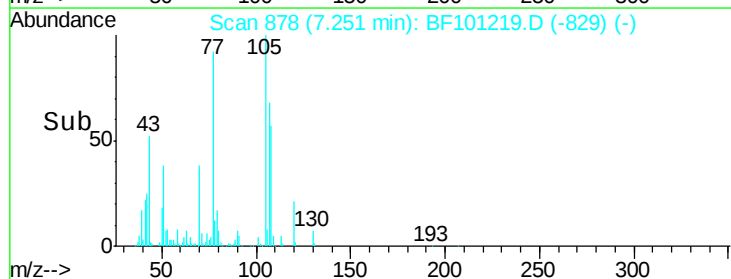
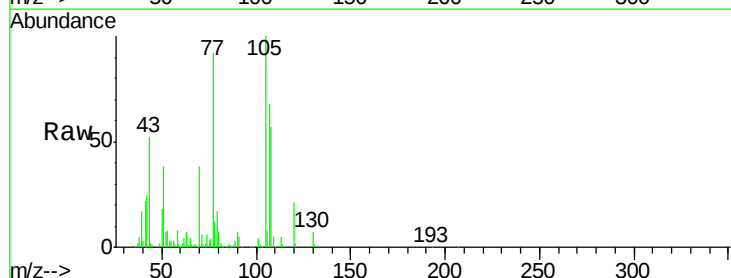
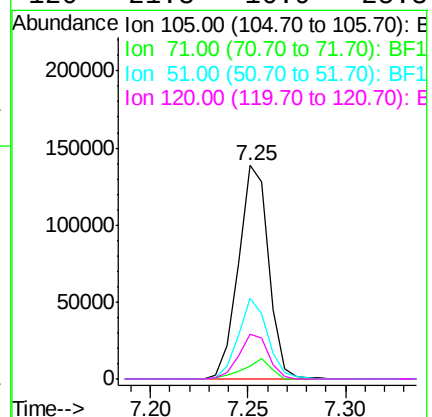
Manual Integrations
APPROVED

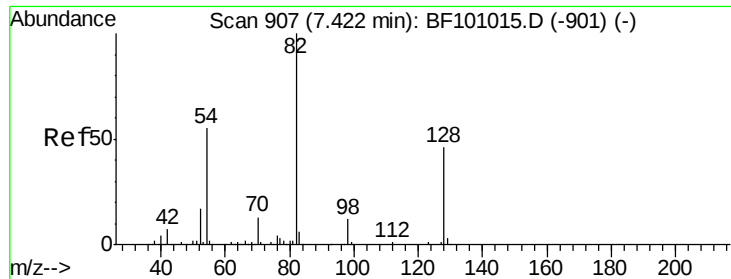
Sohil
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#22
Acetophenone
Concen: 39.468 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		148244		
71	6.2		4.4	6.6	
51	38.0		22.3	33.5	
120	21.3		16.9	25.3	





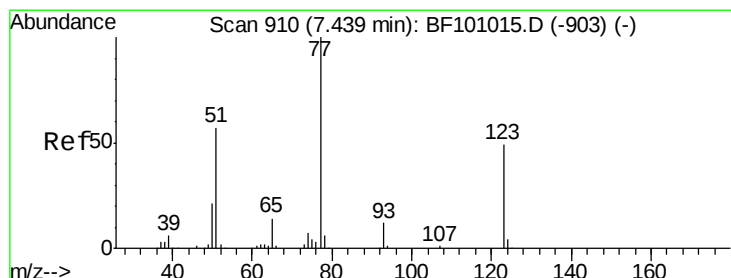
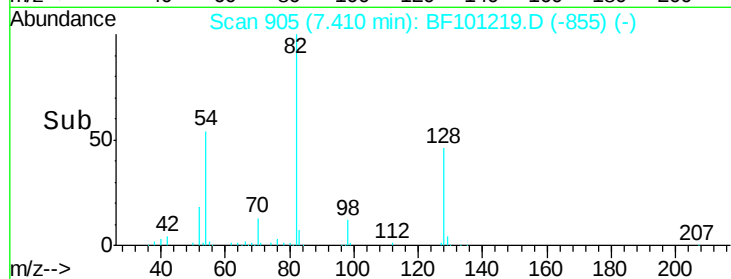
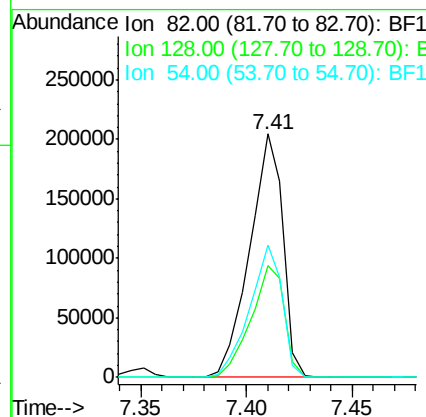
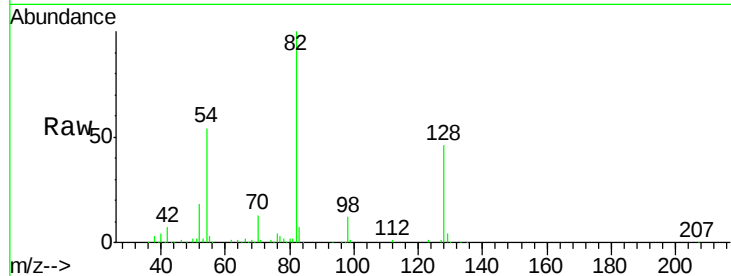
#23
Nitrobenzene-d5
Concen: 85.458 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampled :
PB104800BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	222723		
128	46.1	36.1	54.1	
54	54.4	41.4	62.2	

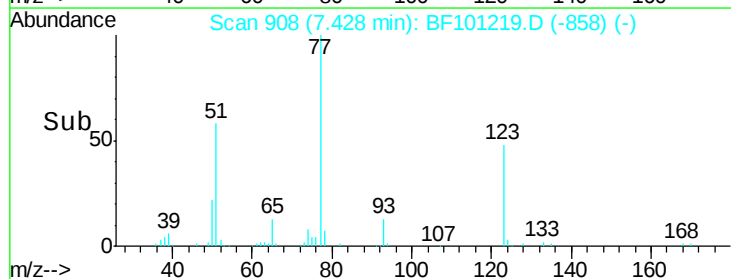
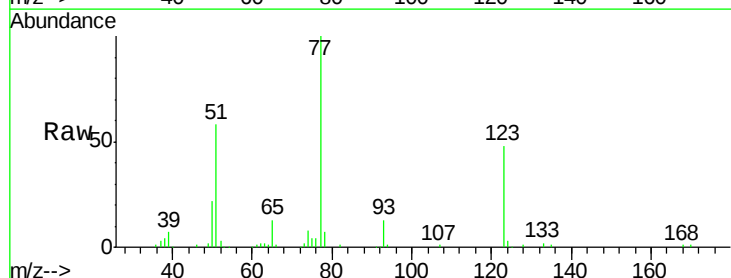
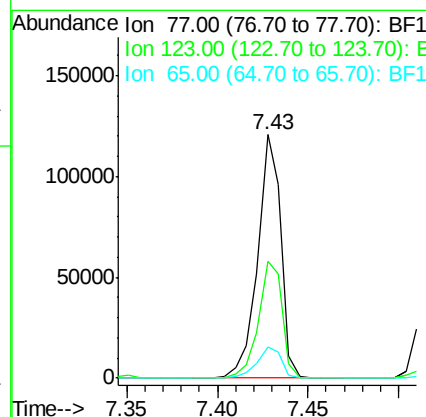
Manual Integrations
APPROVED

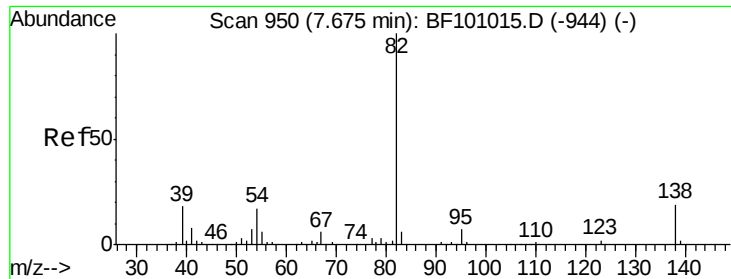
Sohil
12/8/2017 11:12:28 AM



#24
Nitrobenzene
Concen: 41.978 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	107225		
123	48.1	37.9	56.9	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 43.582 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

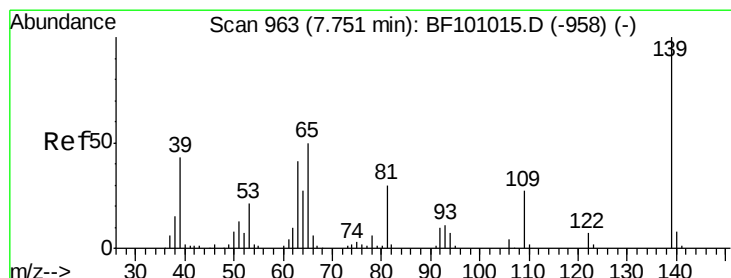
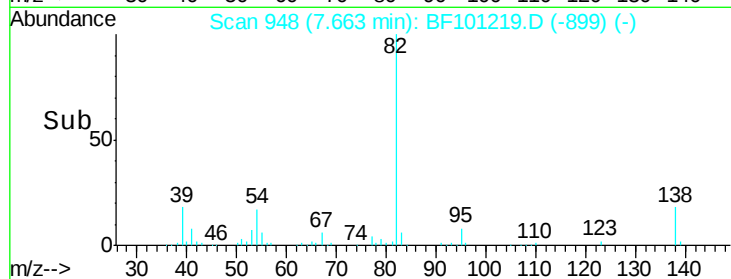
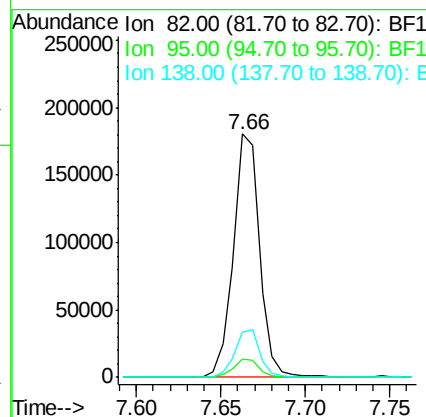
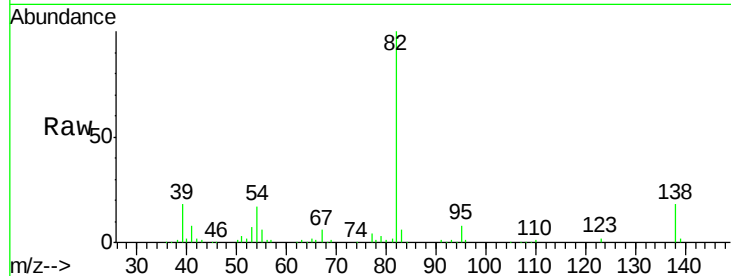
ClientSampleId :

PB104800BS

Tot Ion:	82	Resp:	194015
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.806 ng

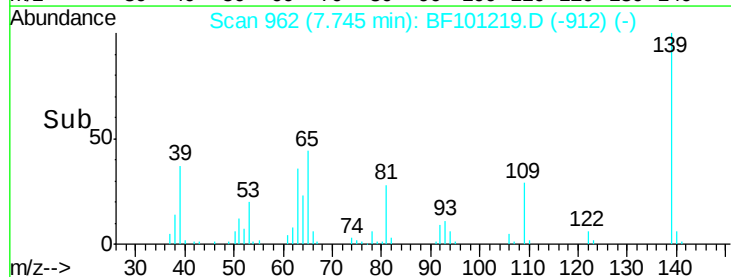
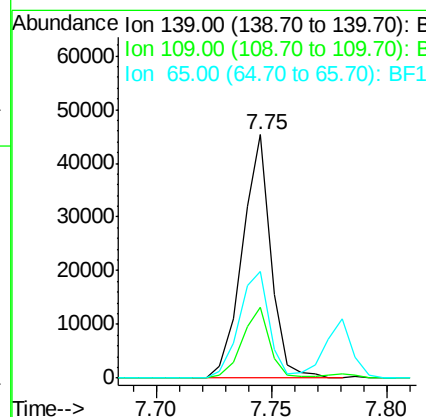
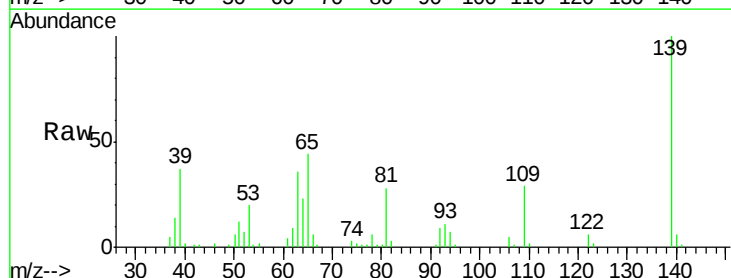
RT: 7.75 min Scan# 962

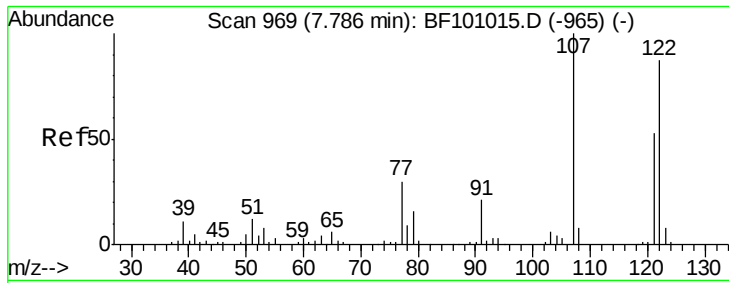
Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion:	139	Resp:	38989
Ion Ratio	Lower	Upper	
139	100		
109	28.8	22.7	34.1
65	44.0	40.5	60.7





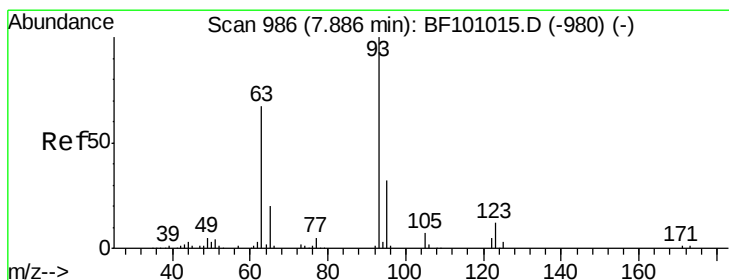
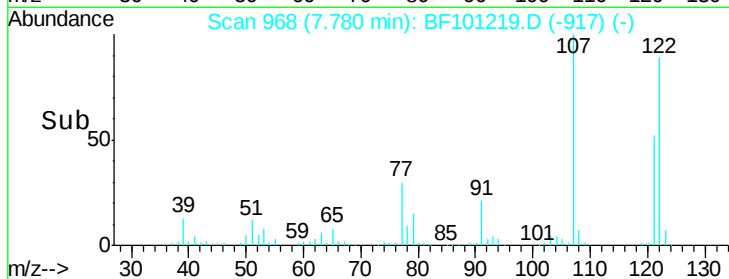
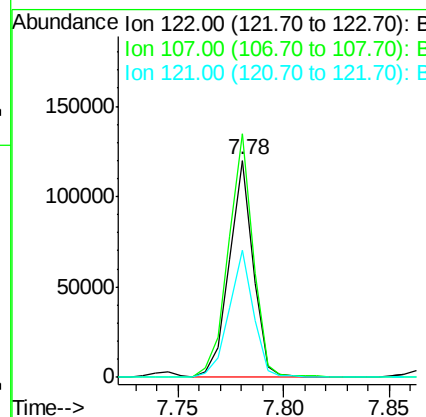
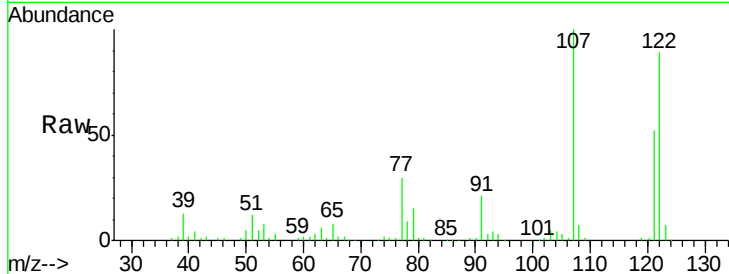
#27
 2,4-Dimethylphenol
 Concen: 46.538 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.2	136.8
121	58.9	47.2	70.8

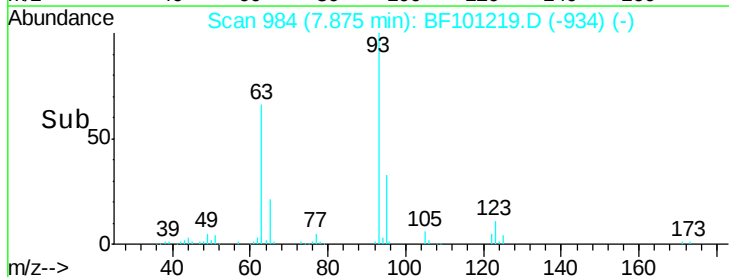
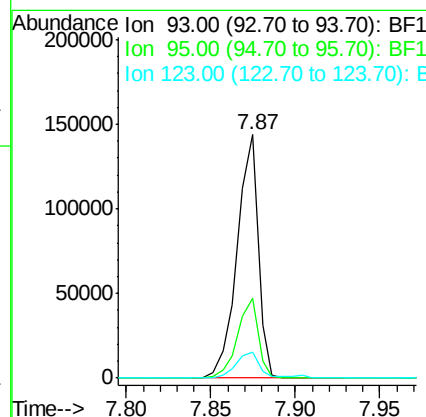
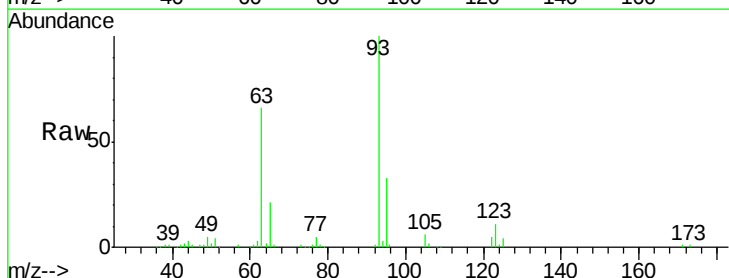
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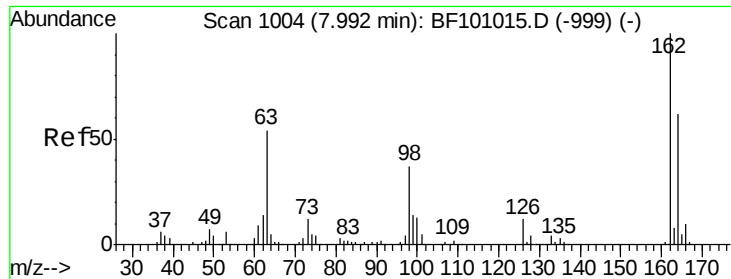
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.775 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	10.9	9.8	14.6





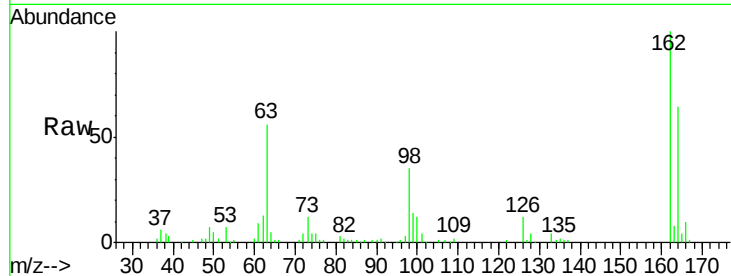
#29
2,4-Dichlorophenol
Concen: 41.306 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampled :
PB104800BS

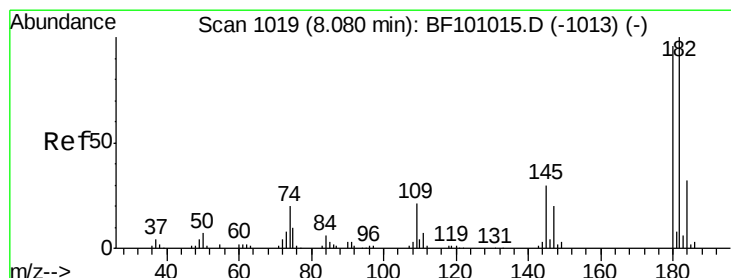
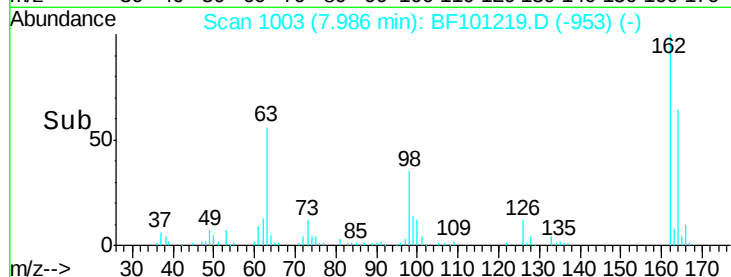
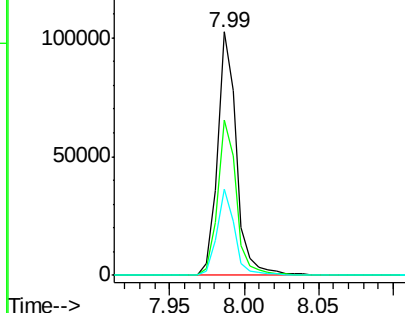
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	35.4	18.1	58.1

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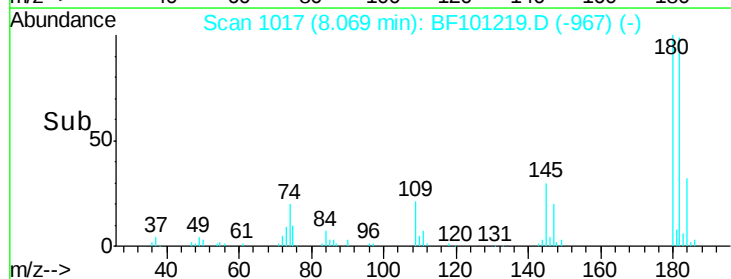
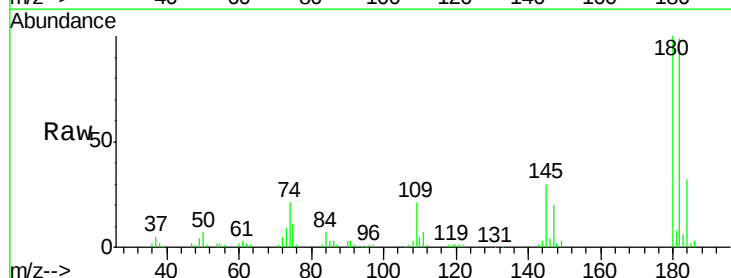
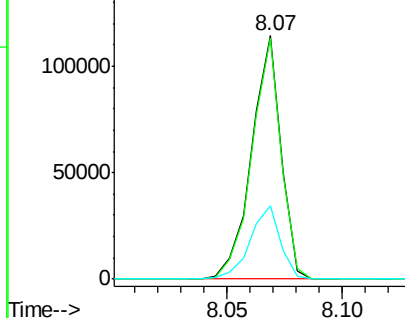
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

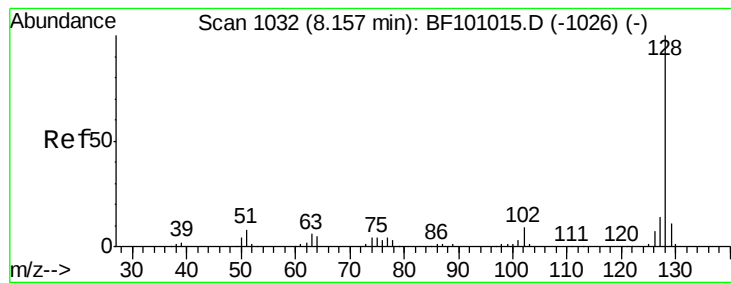


#30
1,2,4-Trichlorobenzene
Concen: 41.960 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.8	115.2
145	30.1	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





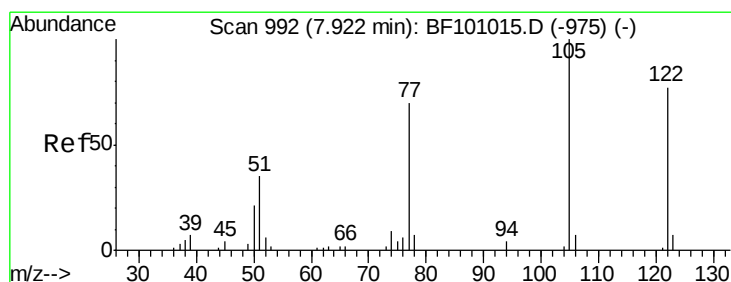
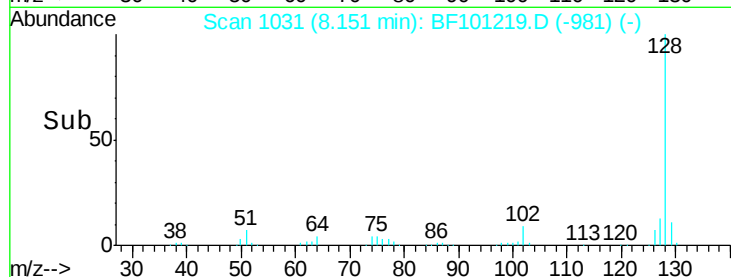
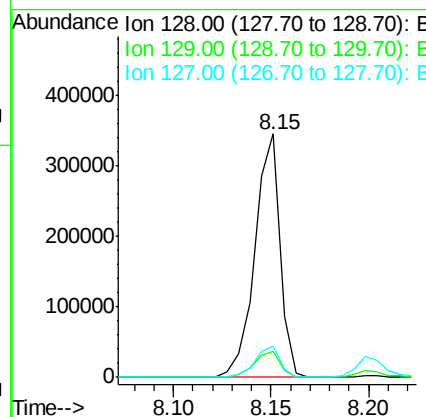
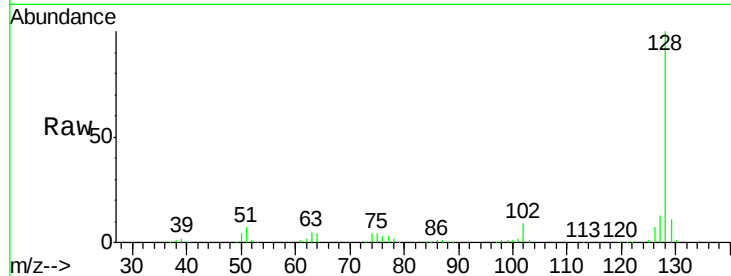
#31
Naphthalene
Concen: 40.267 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.9	16.3

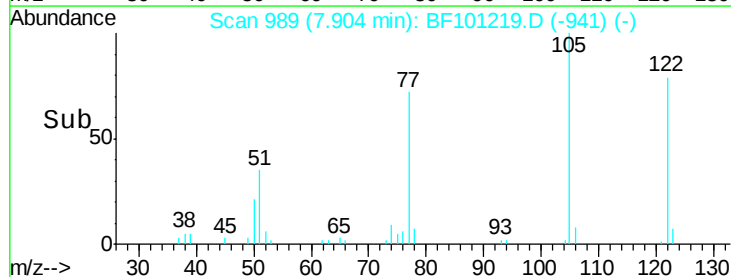
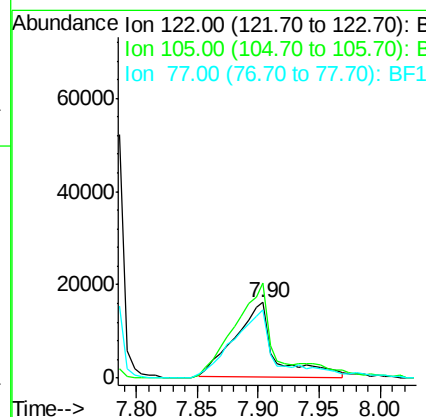
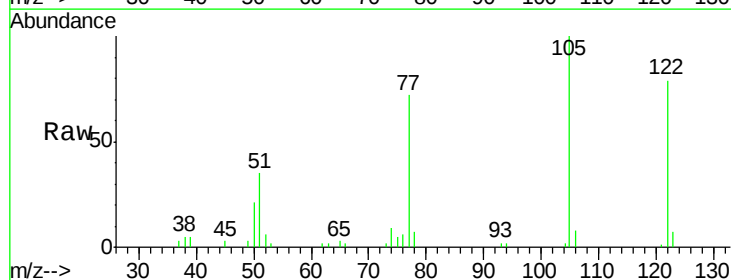
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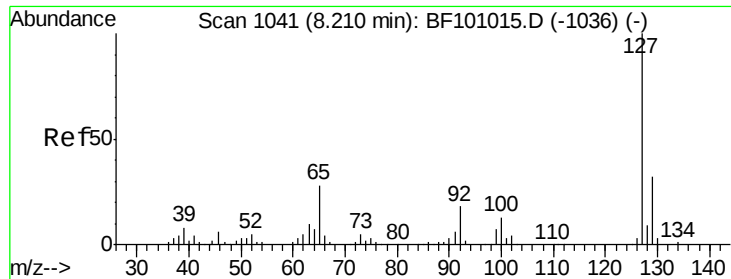
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#32
Benzoic acid
Concen: 23.687 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	101.1	141.1
77	90.5	70.7	110.7





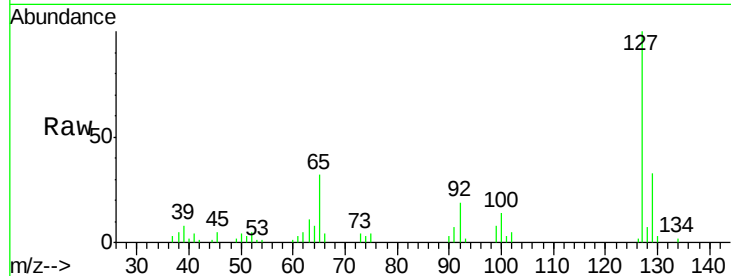
#33
4-Chloroaniline
Concen: 10.150 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

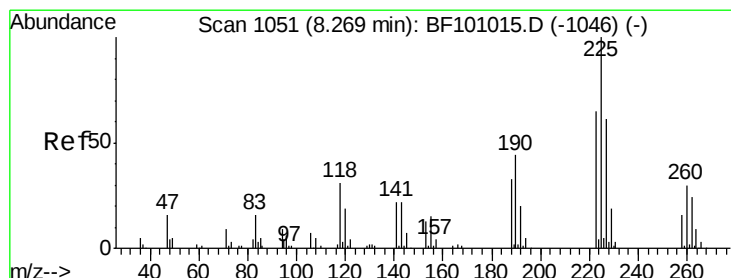
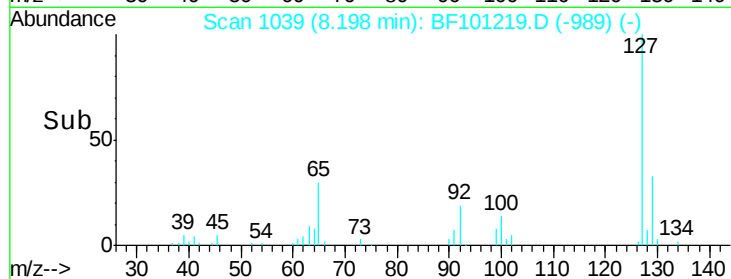
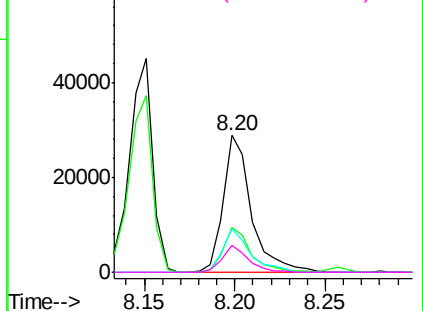
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	25.9	38.9		
65	31.5	25.0	37.4		
92	19.5	15.2	22.8		

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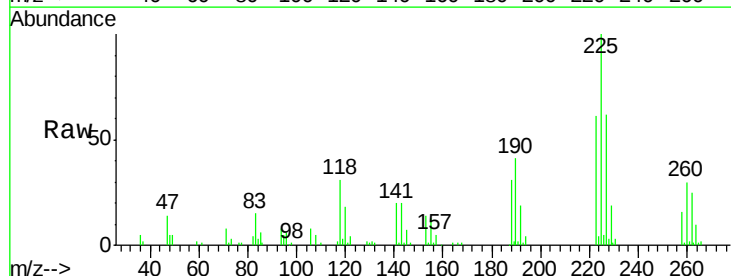


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

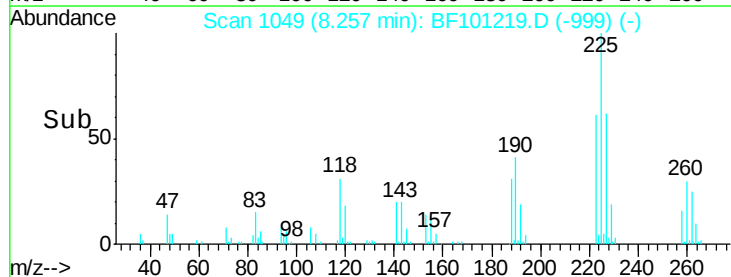
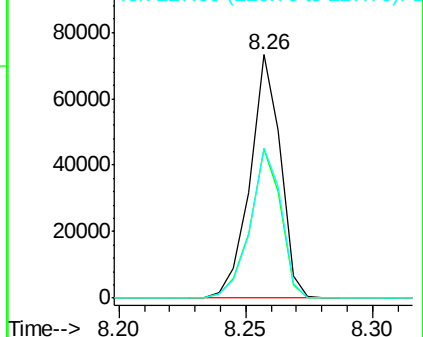


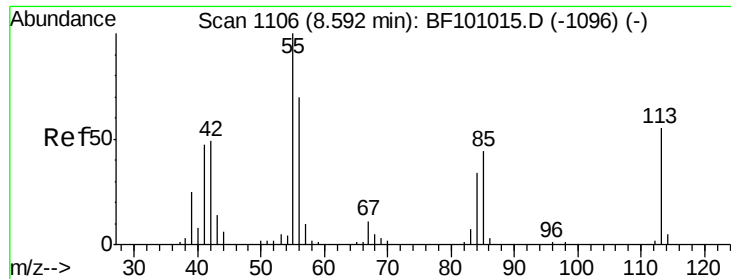
#34
Hexachlorobutadiene
Concen: 41.118 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.6	76.0		
227	61.6	51.9	77.9		



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





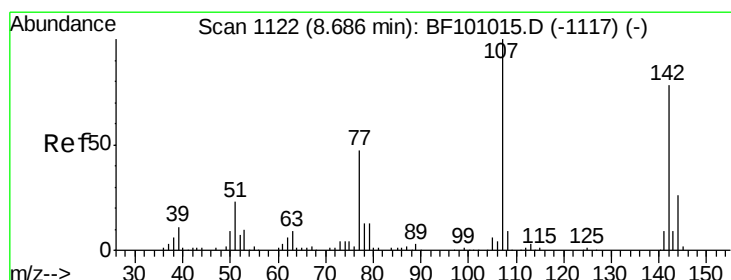
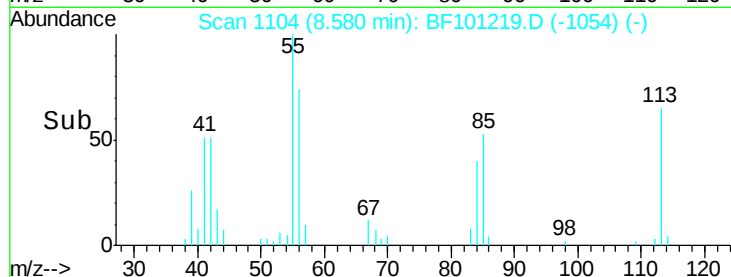
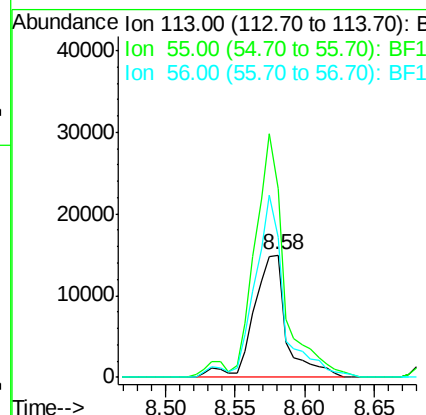
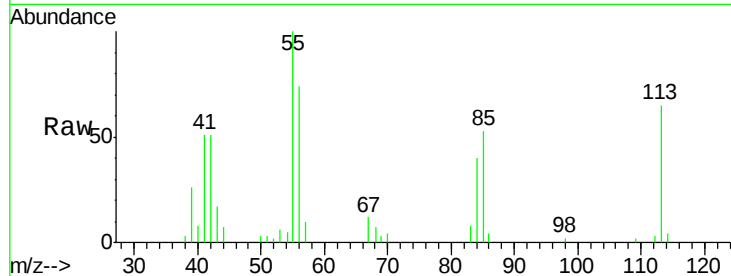
#35
 Caprolactam
 Concen: 35.843 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleID :
 PB104800BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	153.6		163.3	203.3	
56	114.0		115.7	155.7	

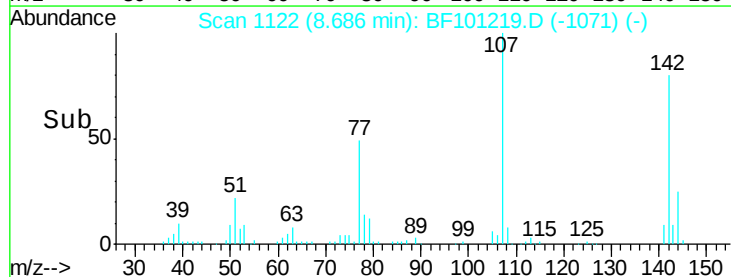
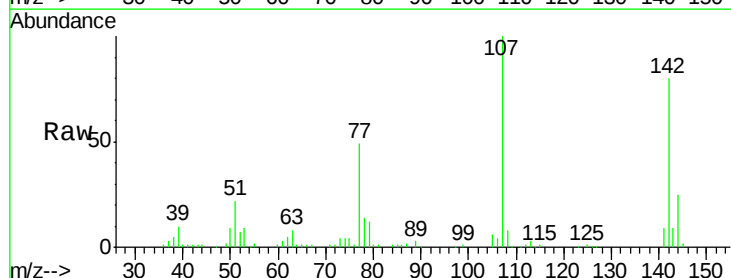
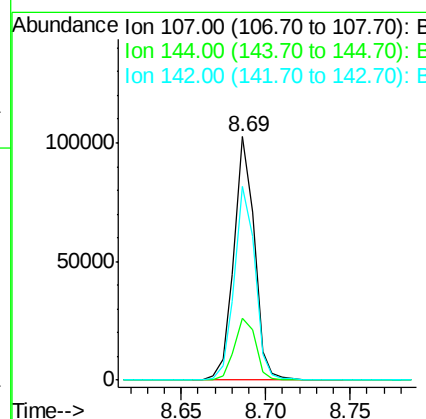
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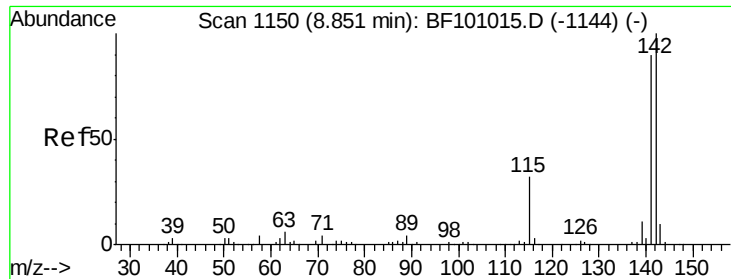
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#36
 4-Chloro-3-methylphenol
 Concen: 37.944 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4		20.5	30.7	
142	79.6		62.0	93.0	





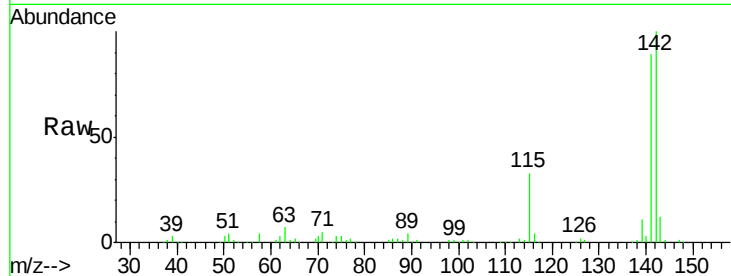
#37
2-Methylnaphthalene
Concen: 39.352 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

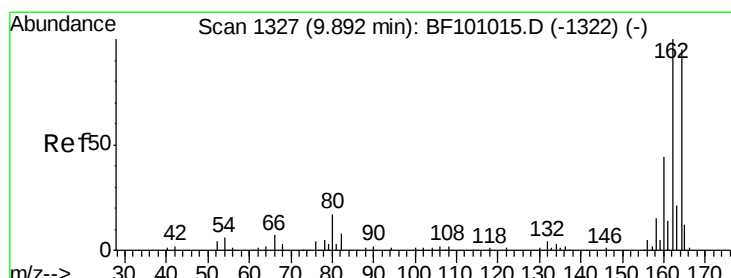
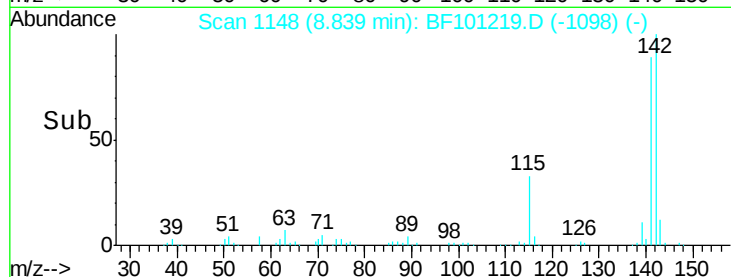
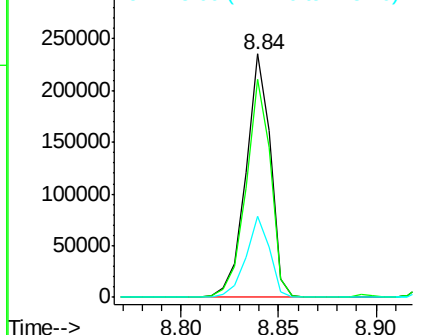
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.5	26.1	39.1

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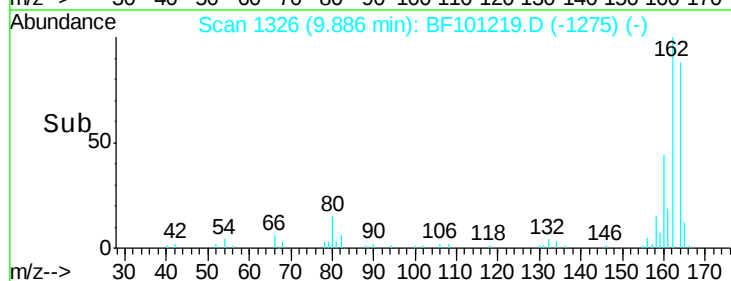
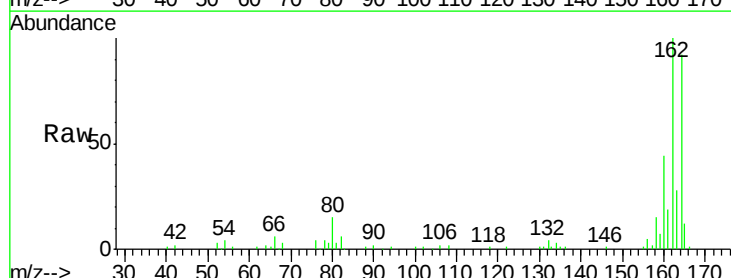
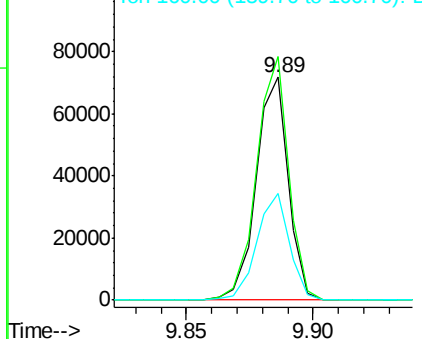
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

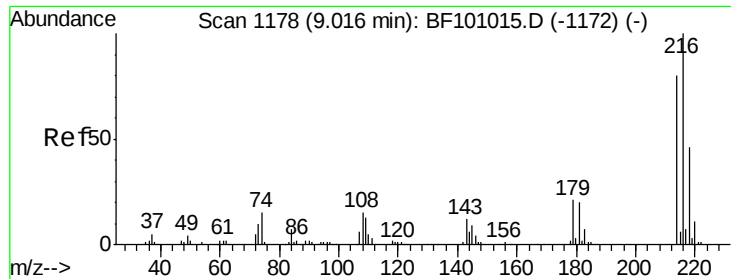


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.3	86.1	129.1
160	47.6	38.3	57.5

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





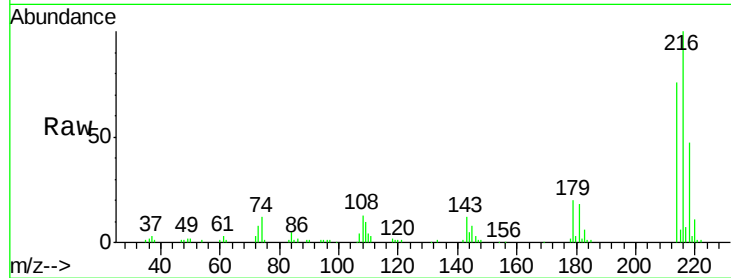
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.824 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.6	18.1	27.1
108	14.8	17.2	25.8

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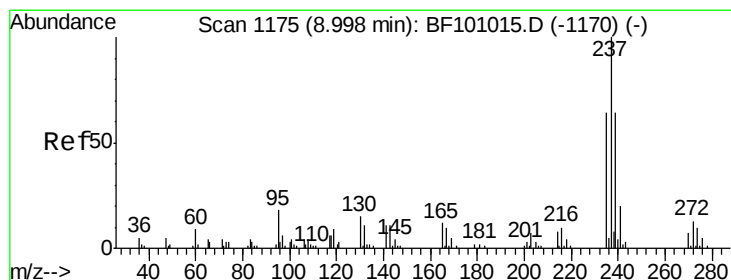
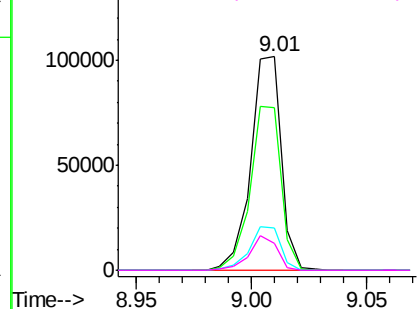
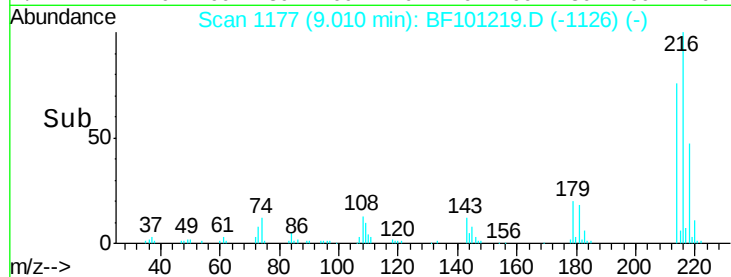
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

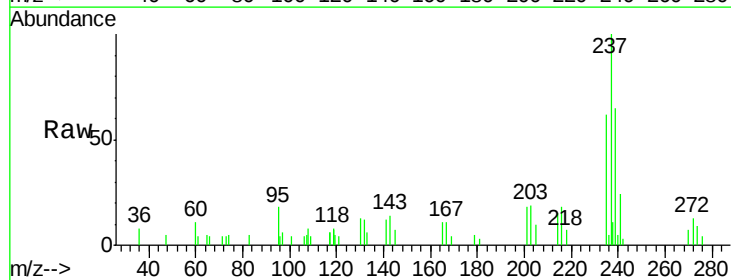
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 15.475 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.3	44.8	84.8
272	13.3	0.0	33.3

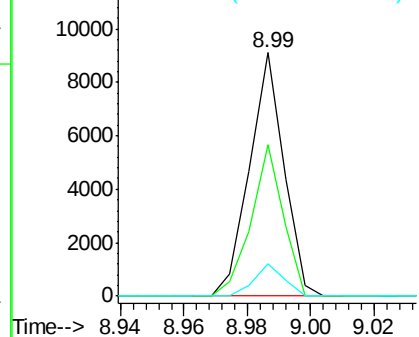
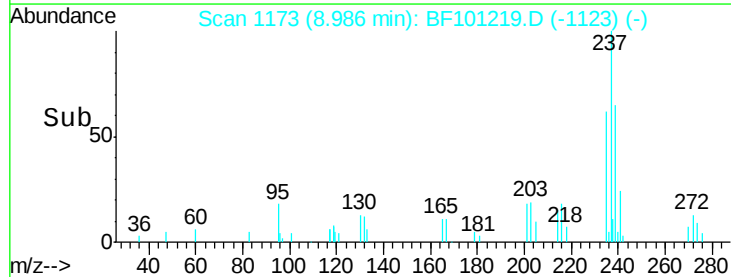


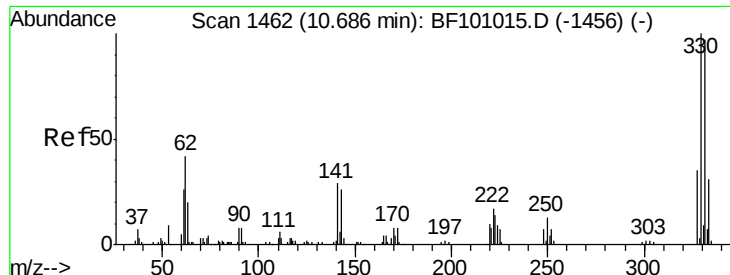
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





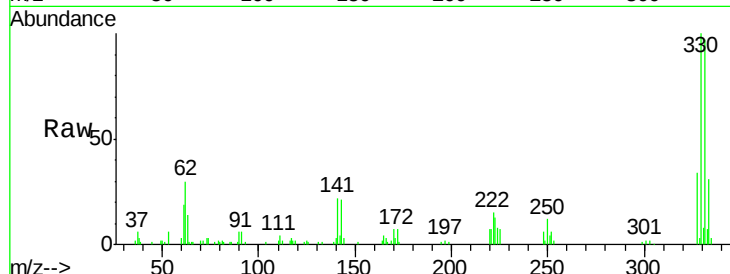
#41
 2,4,6-Tribromophenol
 Concen: 73.674 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

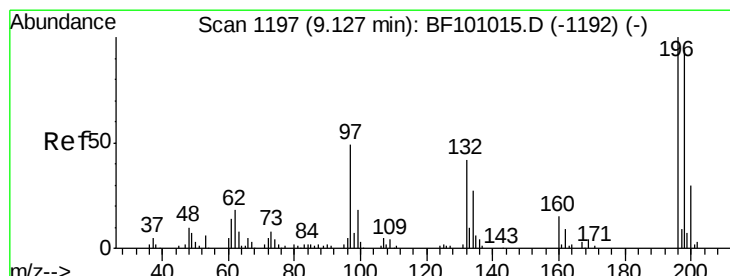
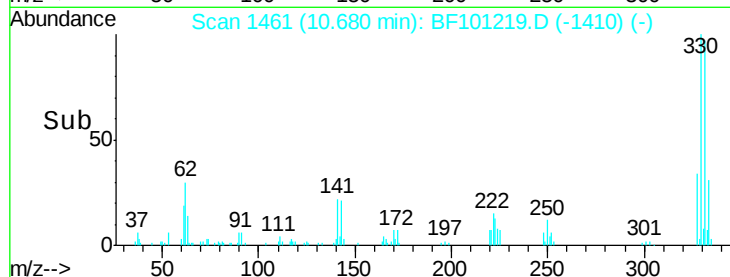
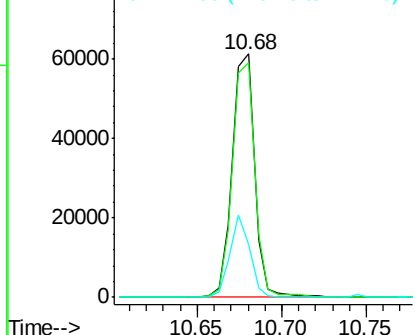
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	29.8	29.9	44.9

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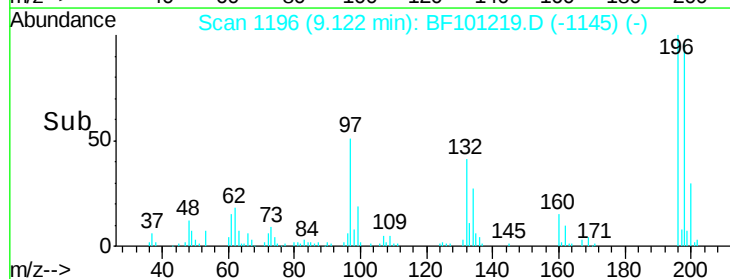
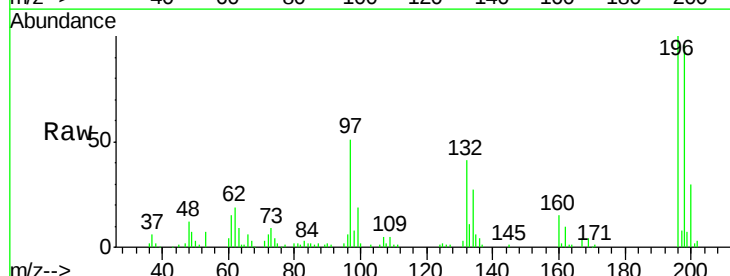
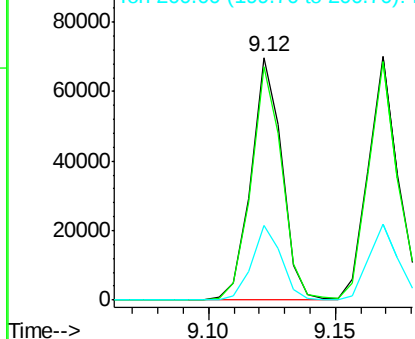
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

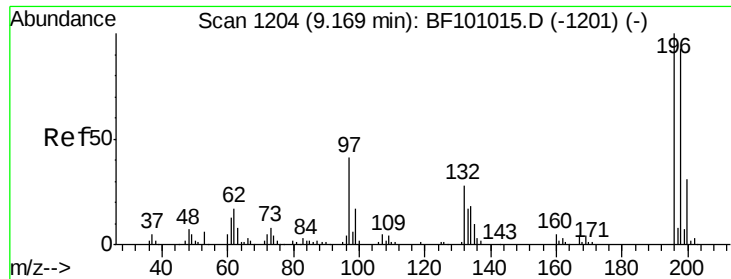


#42
 2,4,6-Trichlorophenol
 Concen: 44.108 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	30.5	24.5	36.7

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





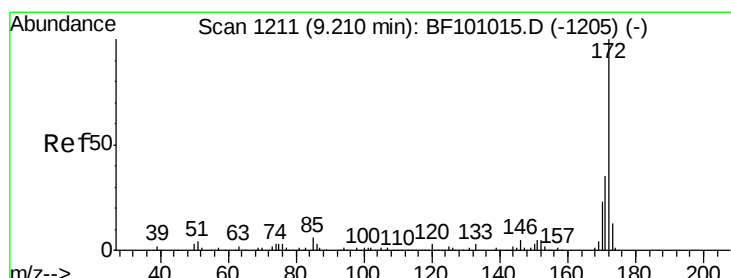
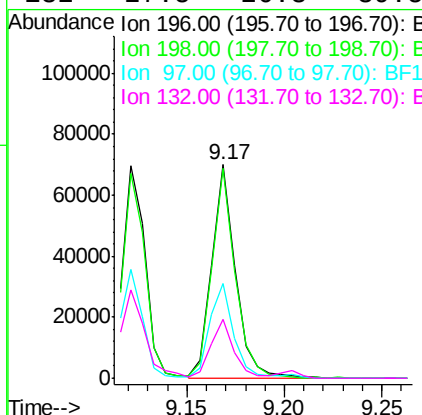
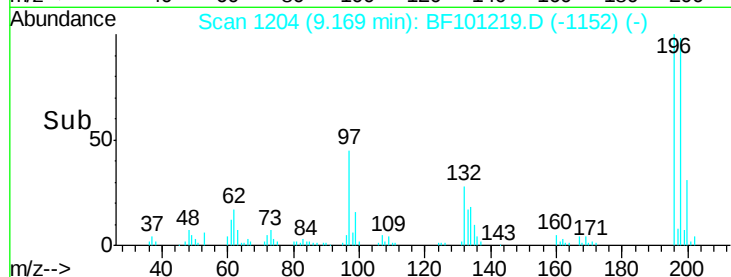
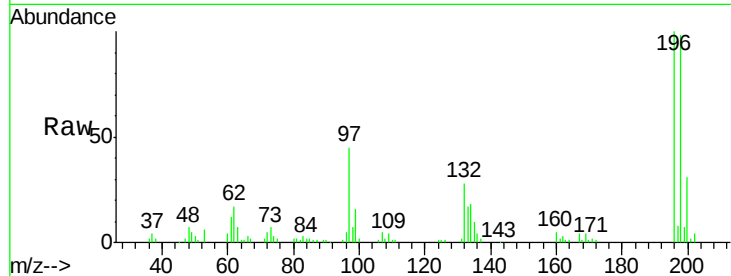
#43
2,4,5-Trichlorophenol
Concen: 41.331 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	59638		
198	98.1	74.6	112.0	
97	44.6	42.9	64.3	
132	27.5	26.3	39.5	

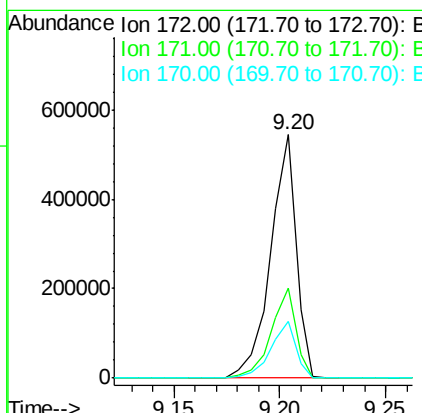
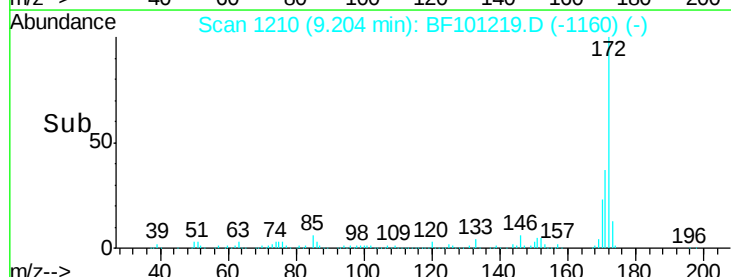
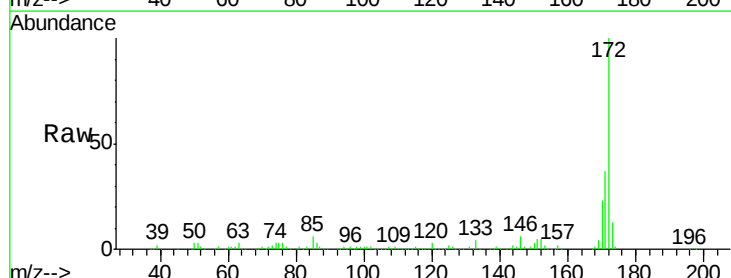
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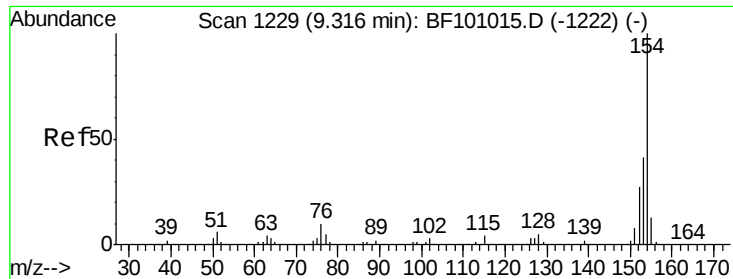
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#44
2-Fluorobiphenyl
Concen: 99.195 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	459495		
171	36.9	29.7	44.5	
170	23.5	19.6	29.4	





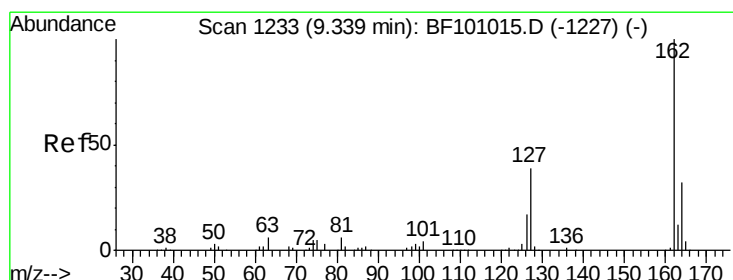
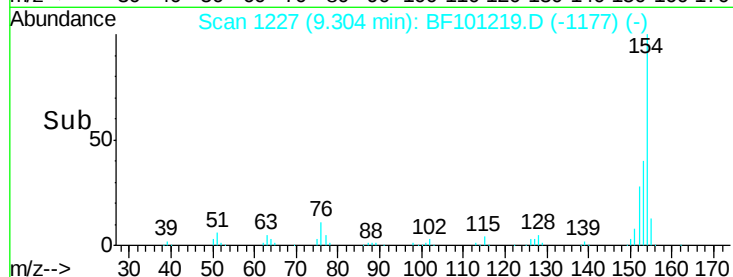
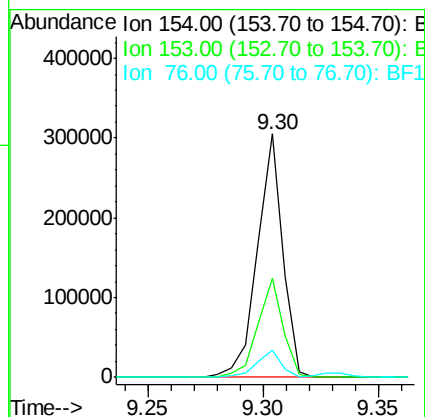
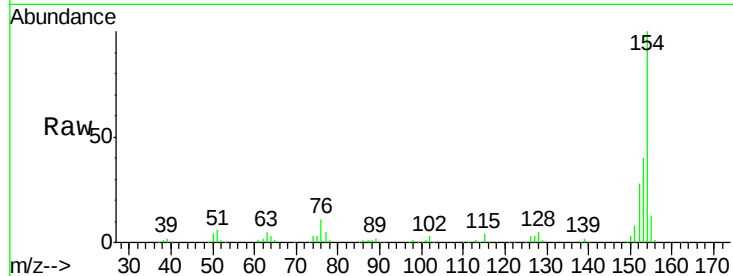
#45
1,1'-Biphenyl
Concen: 40.355 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	11.0	0.0	34.0

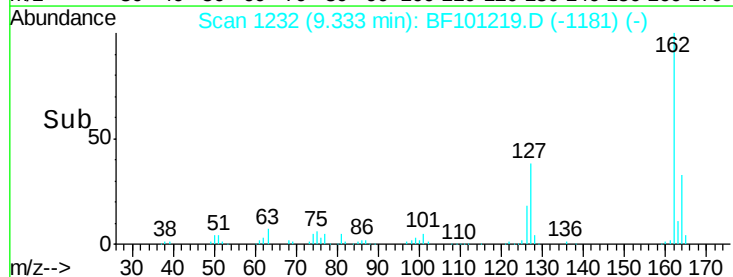
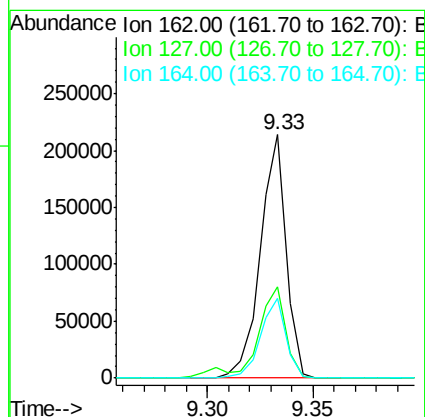
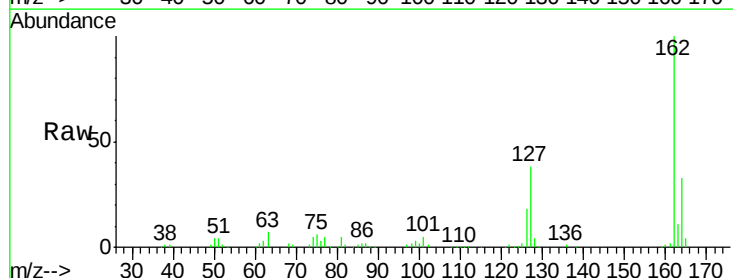
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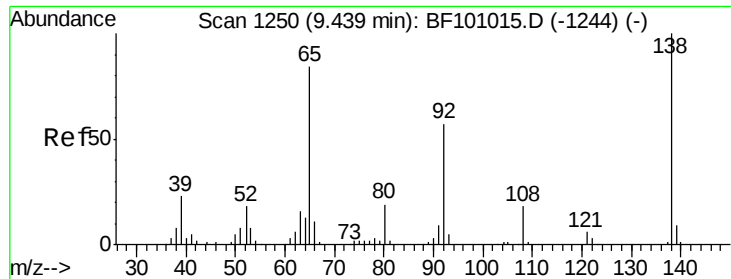
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#46
2-Chloronaphthalene
Concen: 44.086 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.9	50.9
164	32.8	26.5	39.7





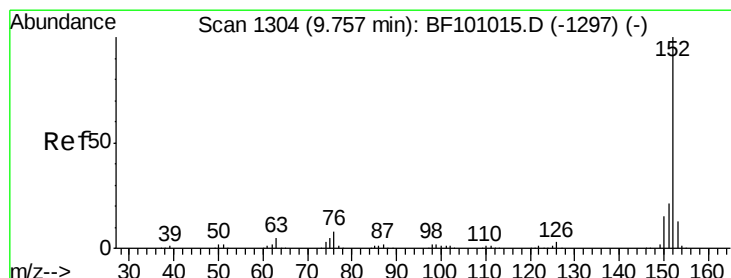
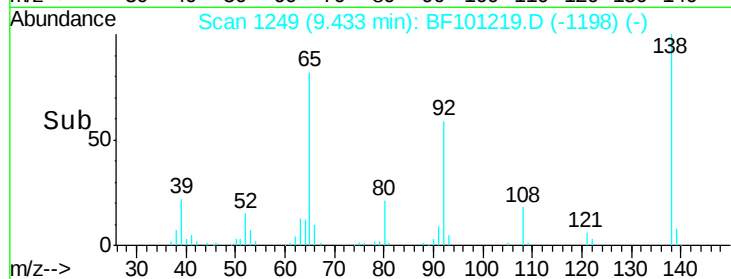
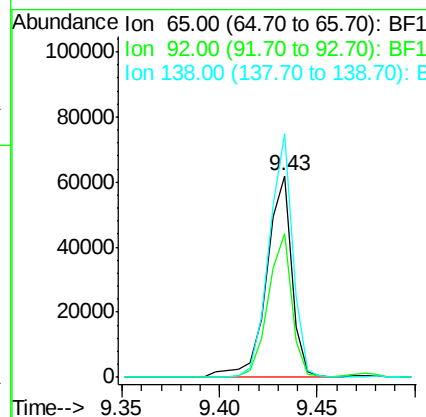
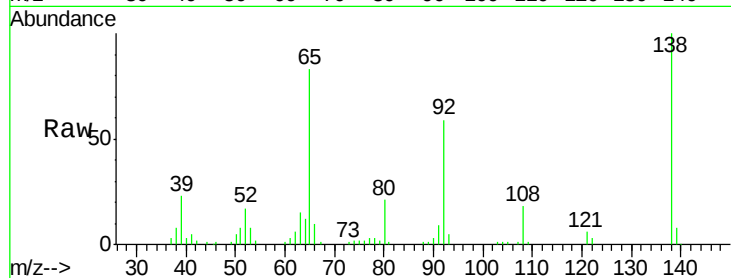
#47
 2-Nitroaniline
 Concen: 45.617 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleID :
 PB104800BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.8	83.6
138	120.5	91.2	136.8

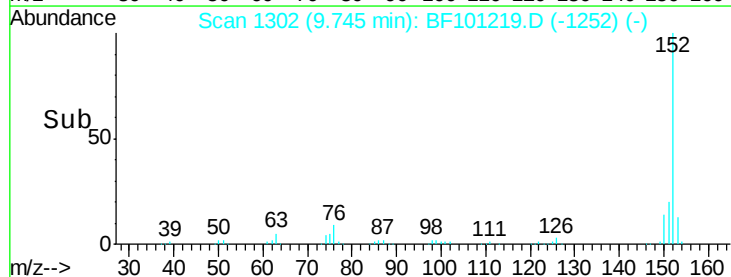
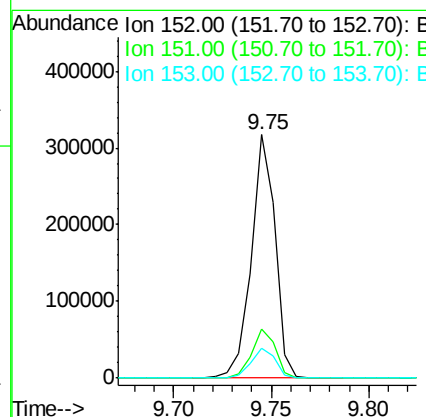
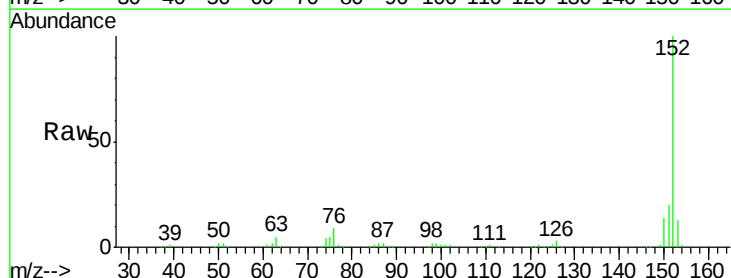
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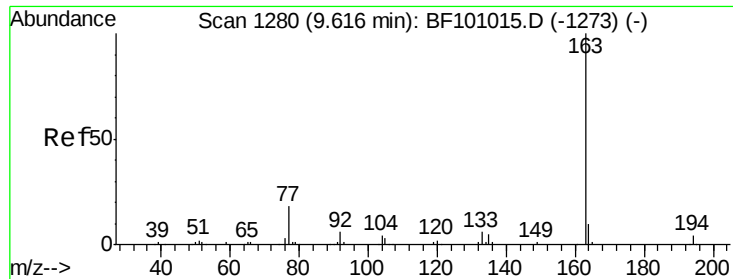
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#48
 Acenaphthylene
 Concen: 39.389 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.5	10.7	16.1





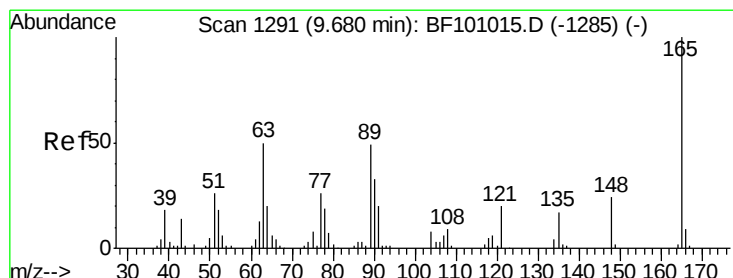
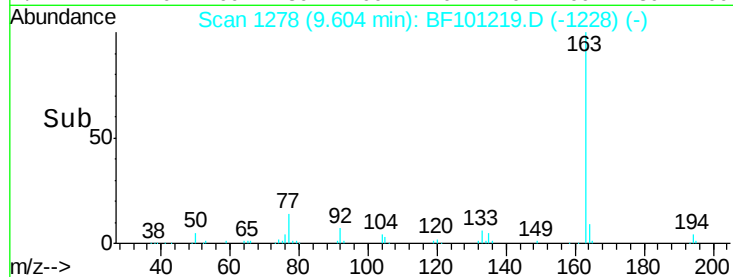
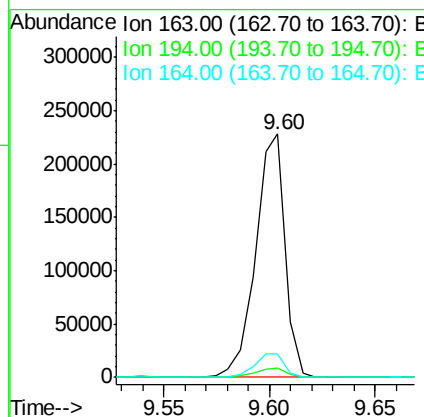
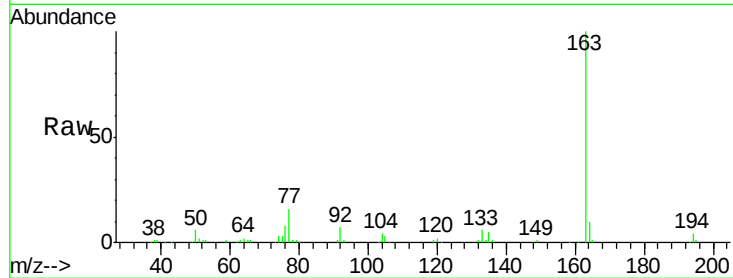
#49
Dimethylphthalate
Concen: 43.079 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

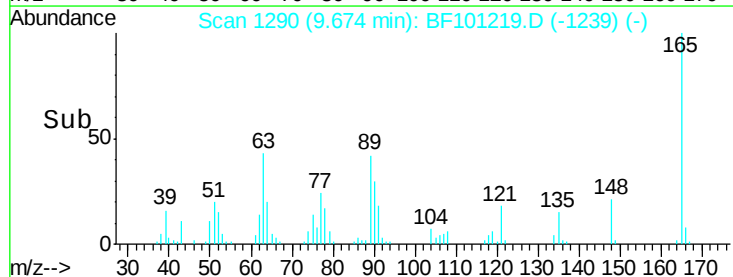
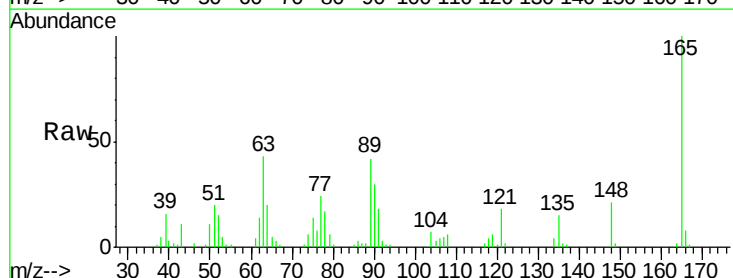
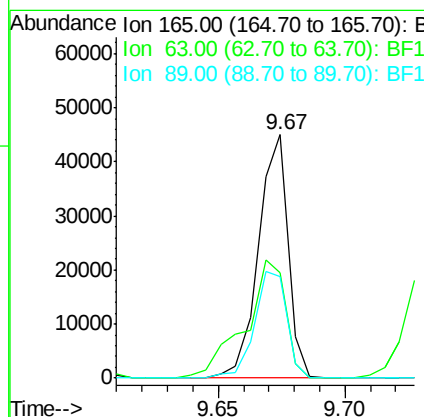
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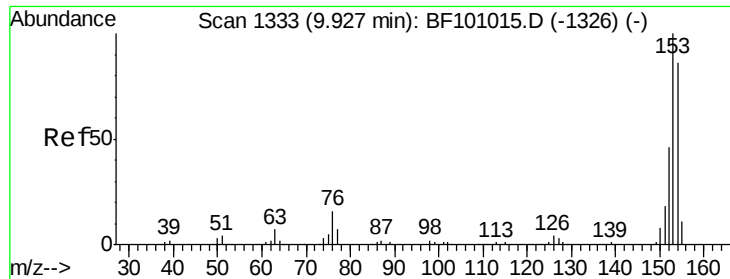
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#50
2,6-Dinitrotoluene
Concen: 34.270 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	43.3	44.7	67.1#
89	41.7	44.0	66.0#





#51

Acenaphthene

Concen: 38.947 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

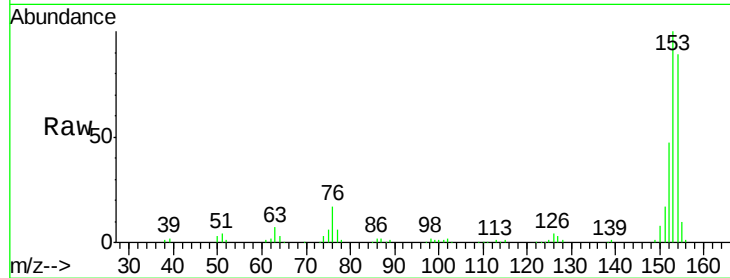
ClientSampled :

PB104800BS

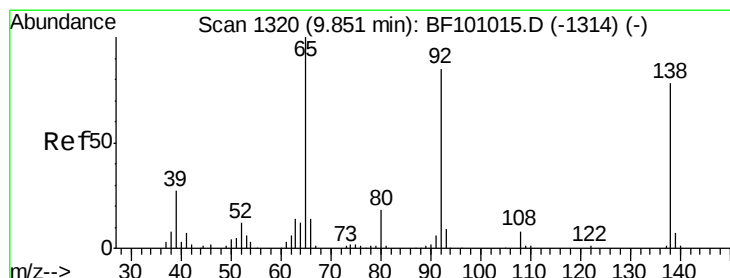
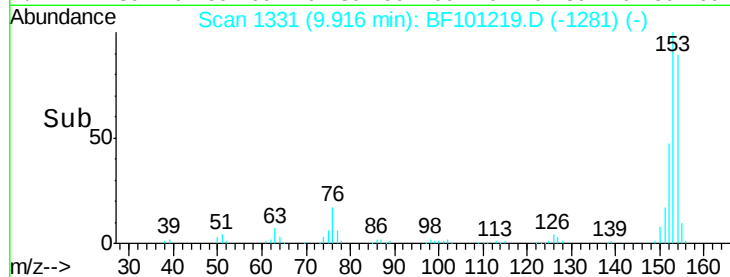
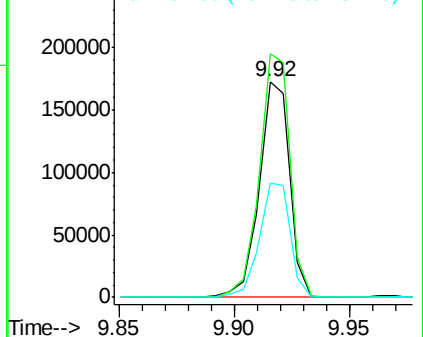
Tot Ion:	154	Resp:	158050
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	53.1	43.8	65.8

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



#52

3-Nitroaniline

Concen: 39.204 ng

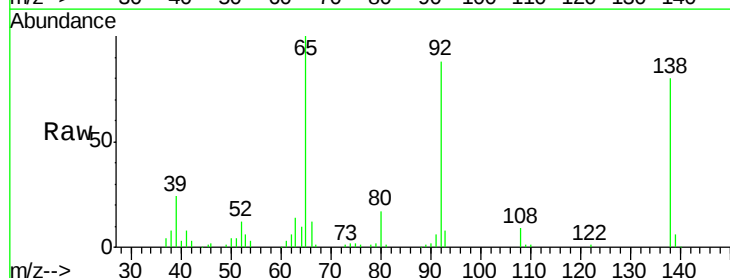
RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

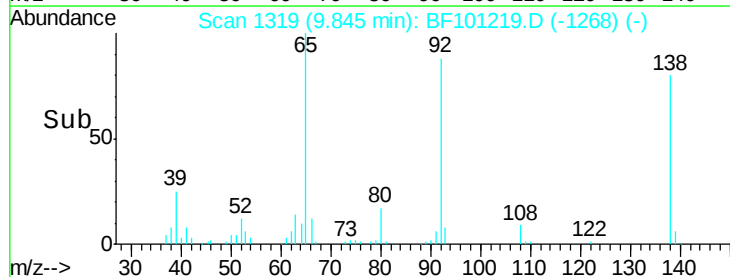
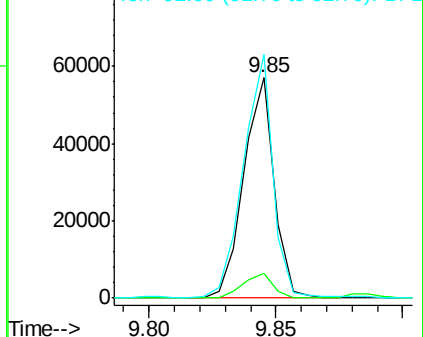
Lab File: BF101219.D

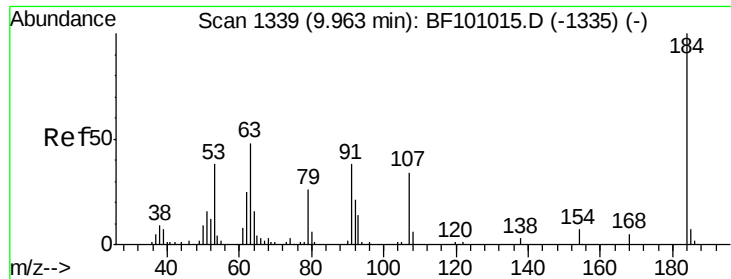
Acq: 7 Dec 2017 21:34

Tgt Ion:	138	Resp:	47463
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	110.5	89.4	134.2



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





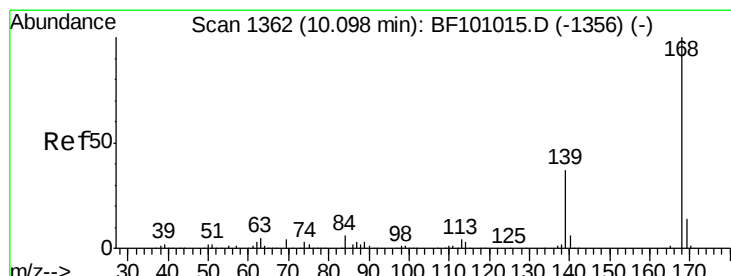
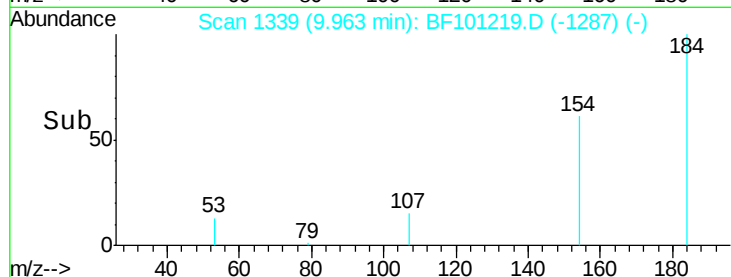
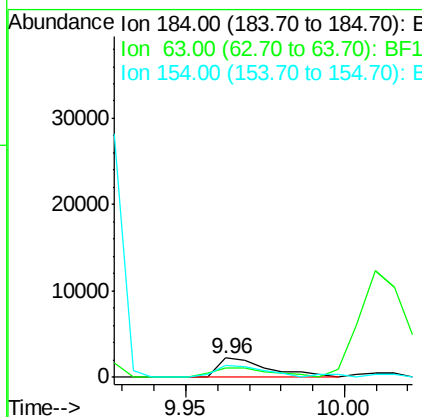
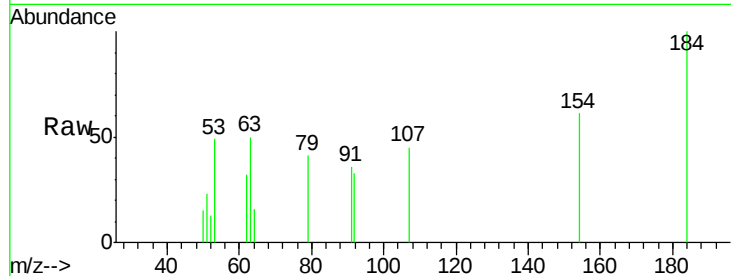
#53
2,4-Dinitrophenol
Concen: 8.940 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.2	54.2	81.2#
154	60.5	184.0	276.0#

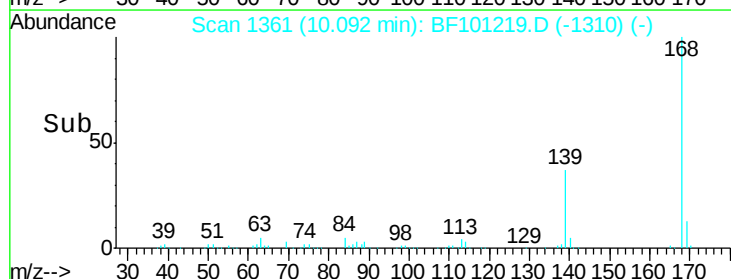
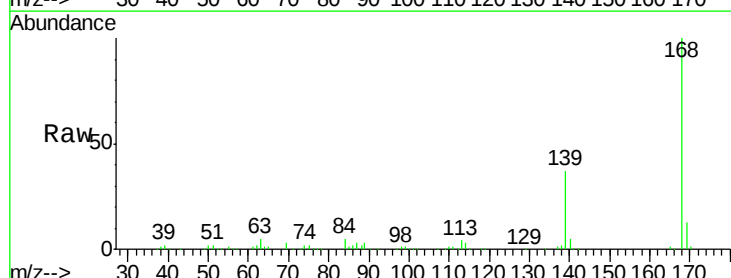
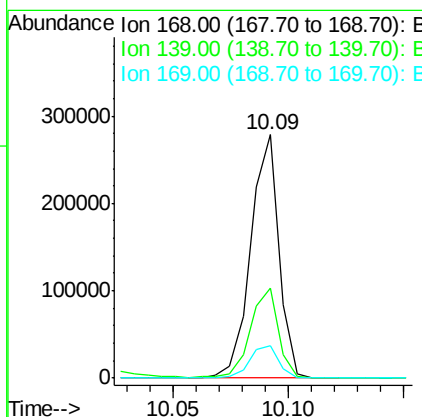
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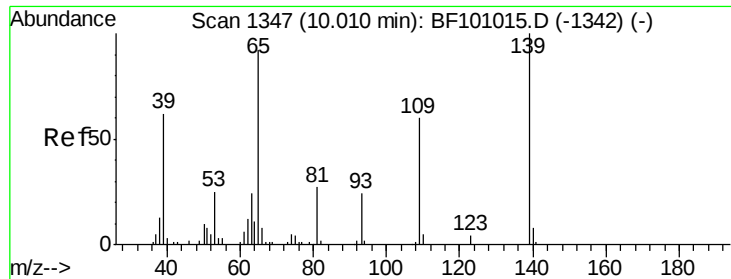
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#54
Dibenzofuran
Concen: 40.601 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.5	10.9	16.3





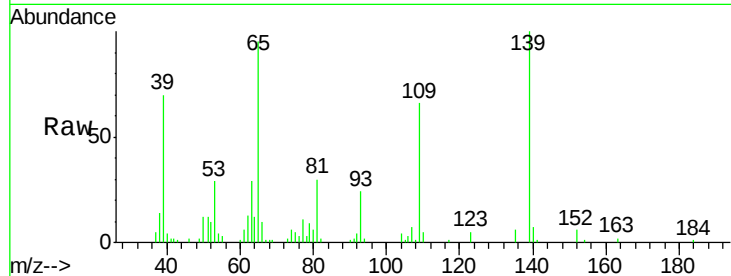
#55
4-Nitrophenol
Concen: 59.919 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

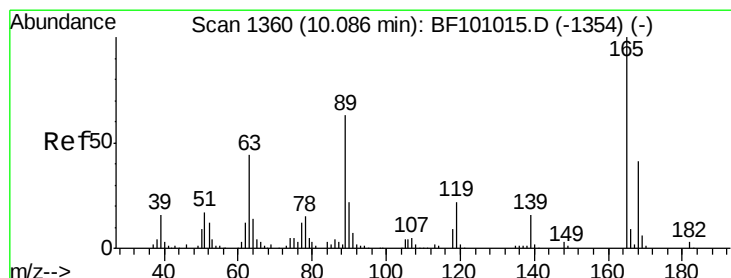
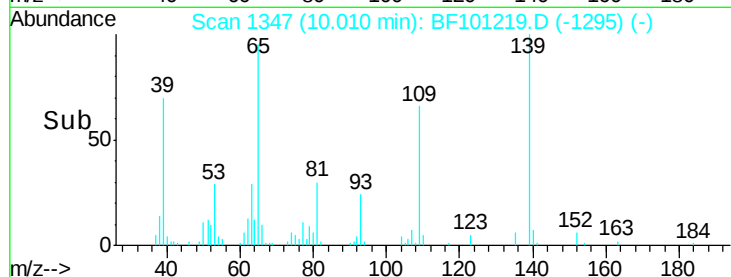
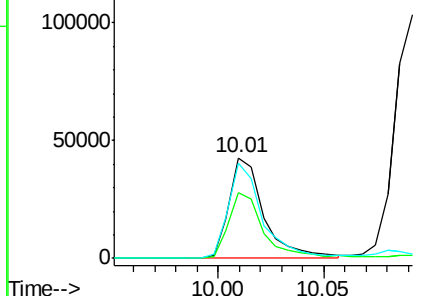
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.4	88.4
65	95.2	72.6	112.6

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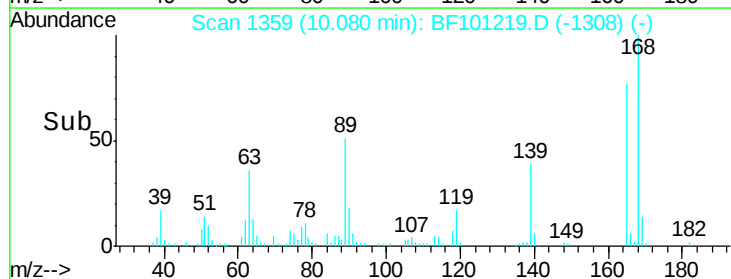
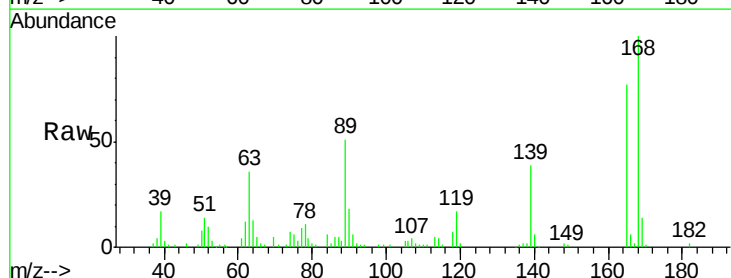
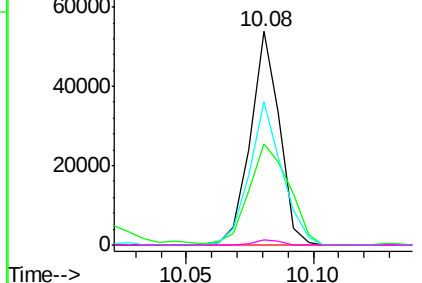
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

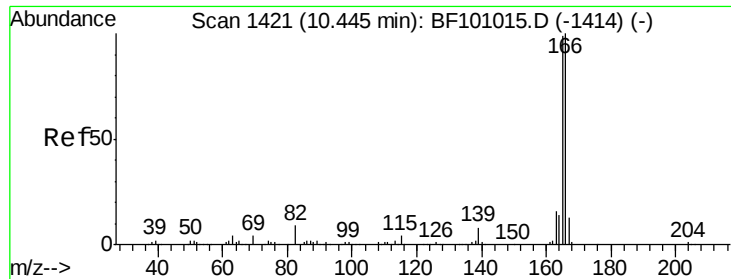


#56
2,4-Dinitrotoluene
Concen: 29.656 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	36.4	54.6
89	67.0	57.8	86.6
182	2.1	1.6	2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.224 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

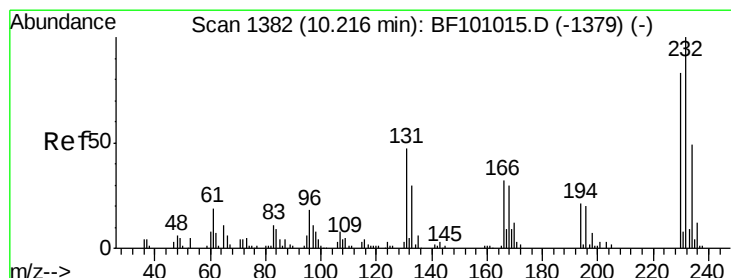
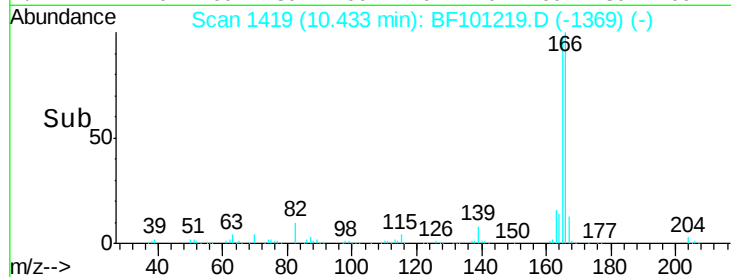
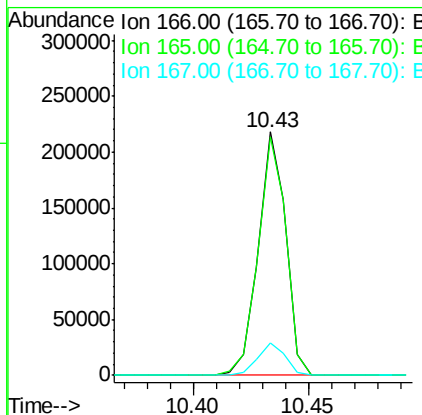
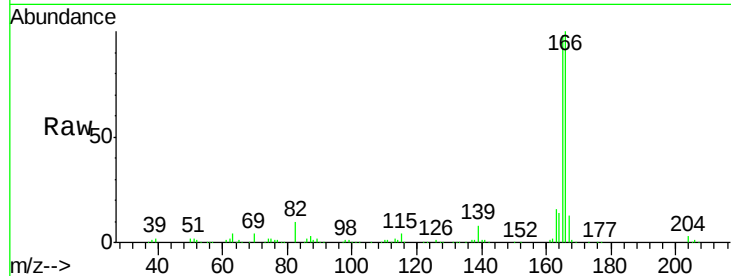
ClientSampleId :

PB104800BS

Tot Ion:	166	Resp:	181715
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.227 ng

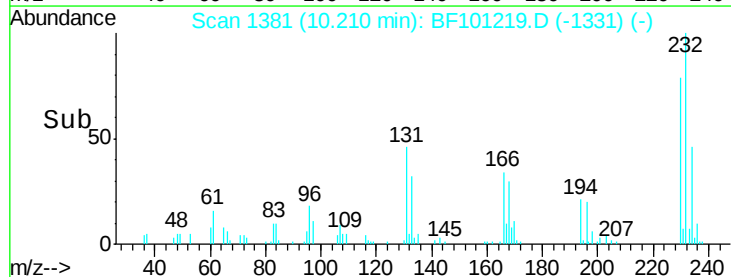
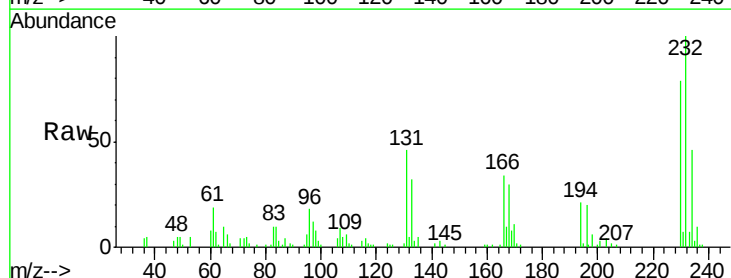
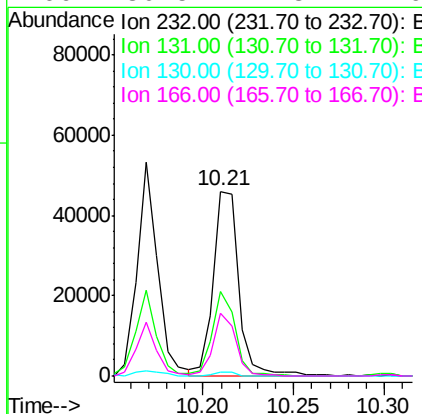
RT: 10.21 min Scan# 1381

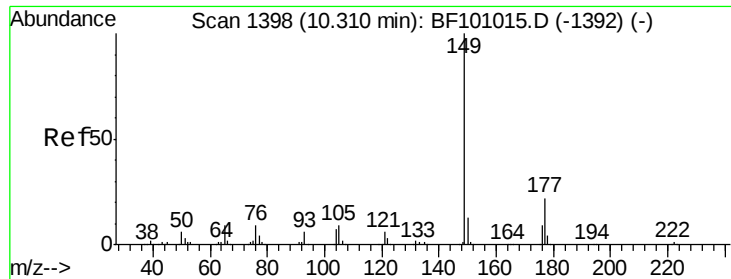
Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion:	232	Resp:	45319
Ion Ratio	Lower	Upper	
232	100		
131	40.8	43.8	65.8#
130	1.8	2.1	3.1#
166	30.5	27.8	41.6





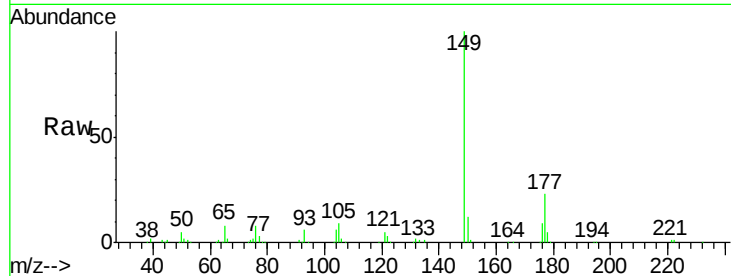
#59
Diethylphthalate
Concen: 40.262 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

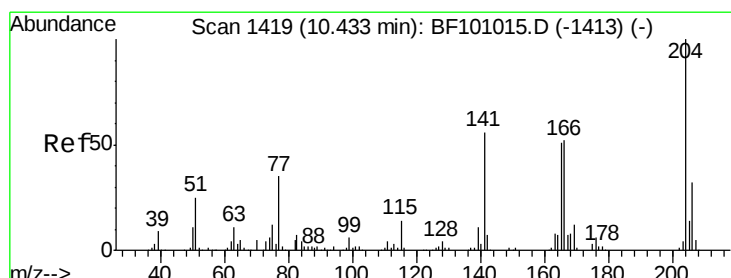
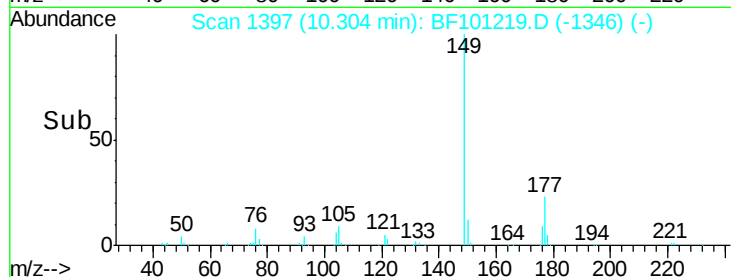
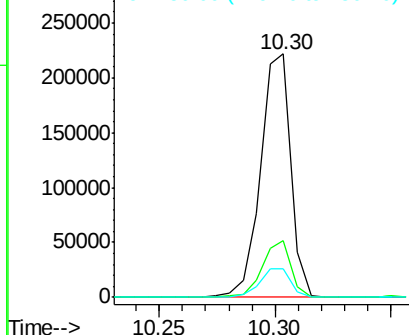
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.1	24.1
150	11.6	10.1	15.1

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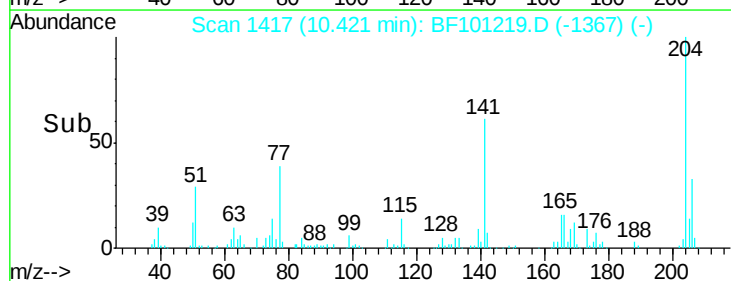
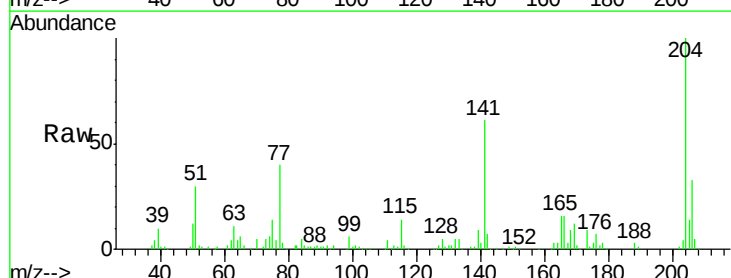
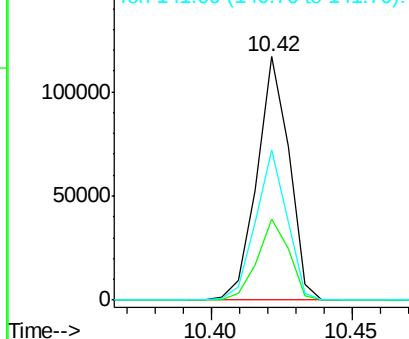
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

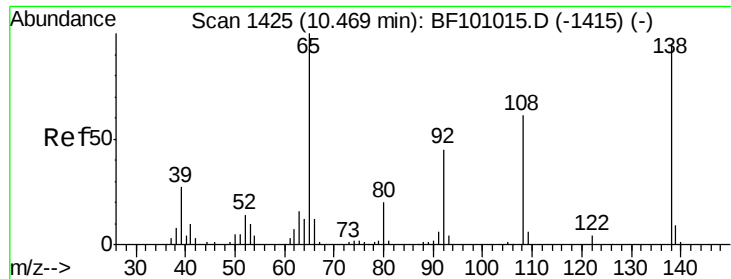


#60
4-Chlorophenyl-phenylether
Concen: 39.239 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.5	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





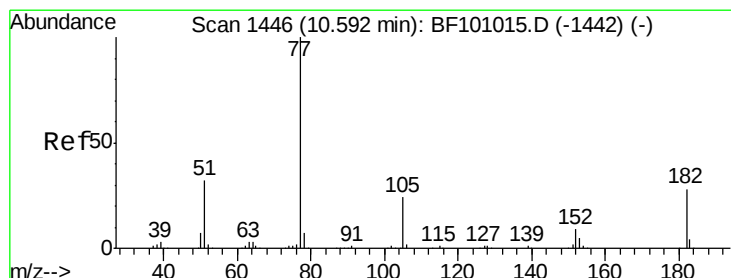
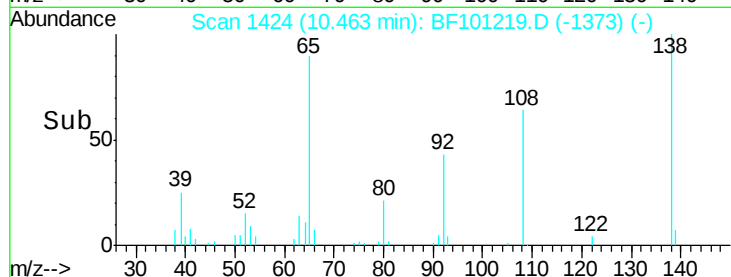
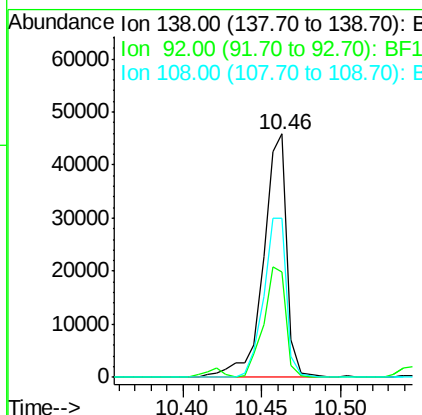
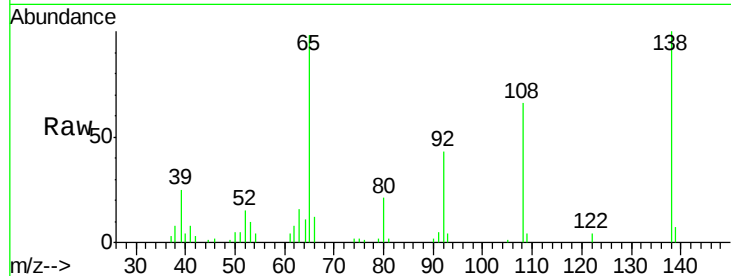
#61
4-Nitroaniline
Concen: 37.650 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.3	30.2	70.2
108	65.6	52.5	92.5

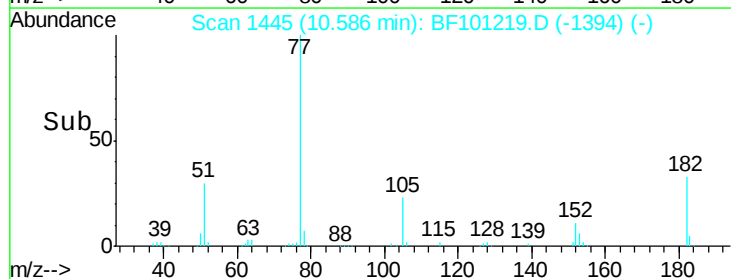
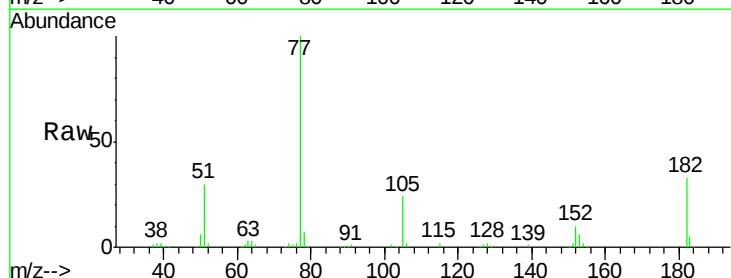
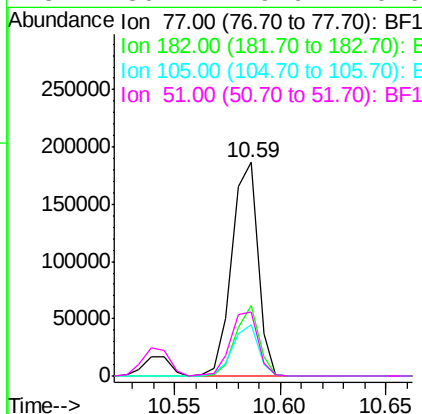
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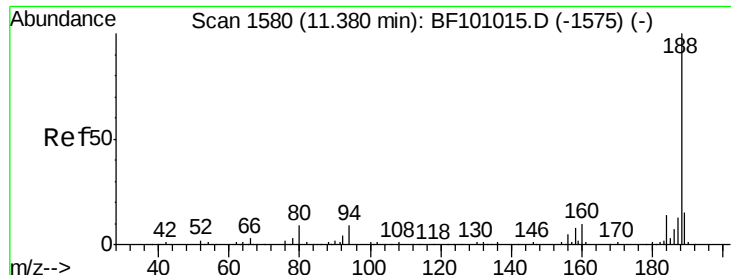
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#62
Azobenzene
Concen: 37.162 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.9	1.7	41.7
105	24.2	3.0	43.0
51	30.1	9.9	49.9





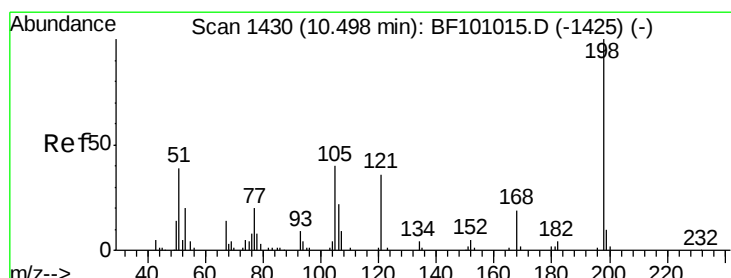
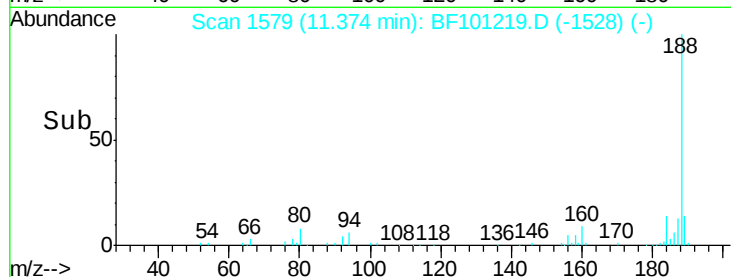
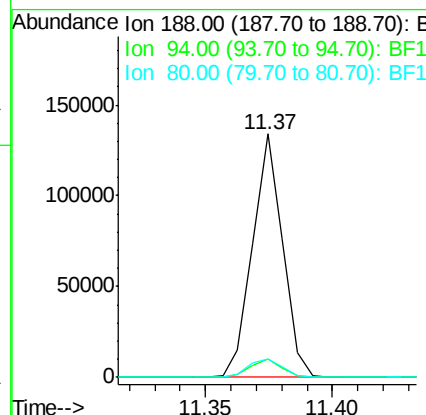
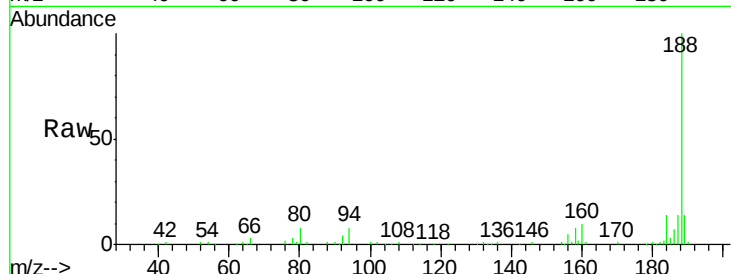
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	7.7	9.2	13.8#

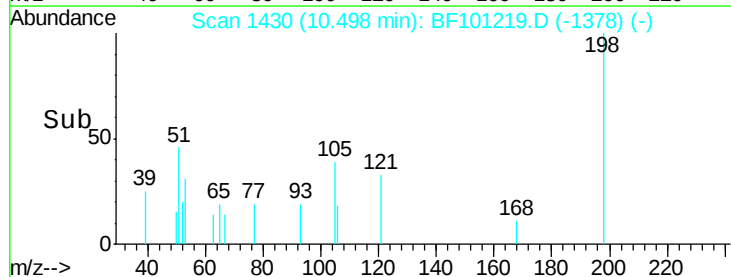
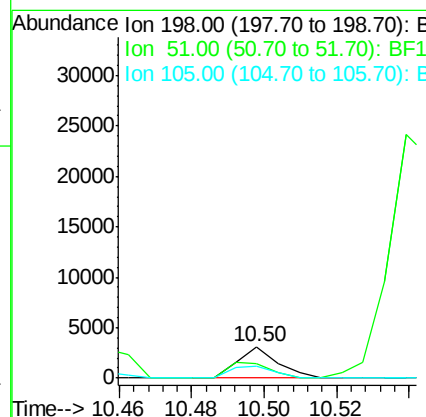
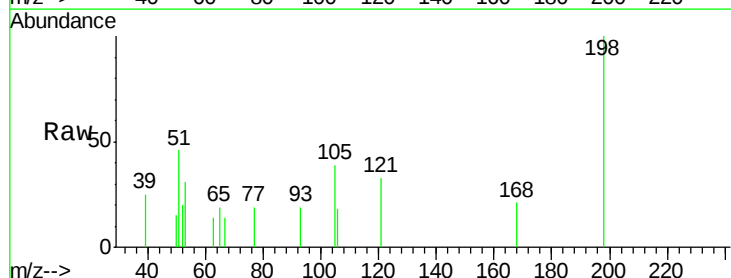
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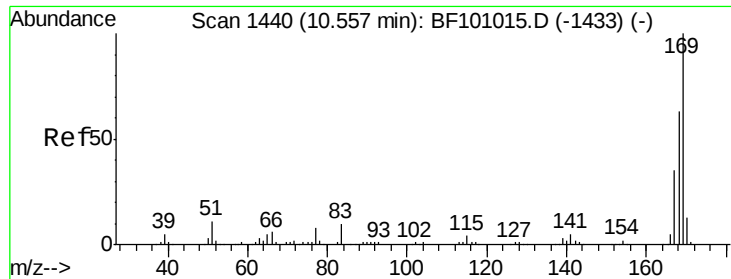
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#64
4,6-Dinitro-2-methylphenol
Concen: 3.218 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.9	37.7	77.7
105	39.1	36.3	76.3





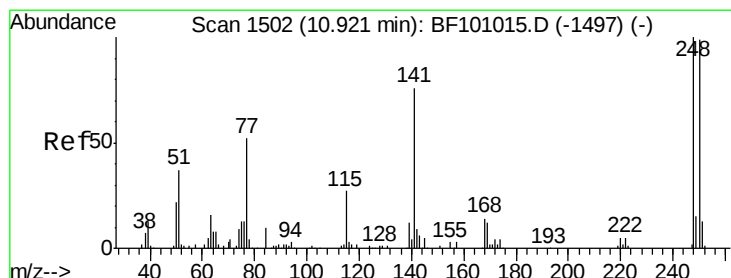
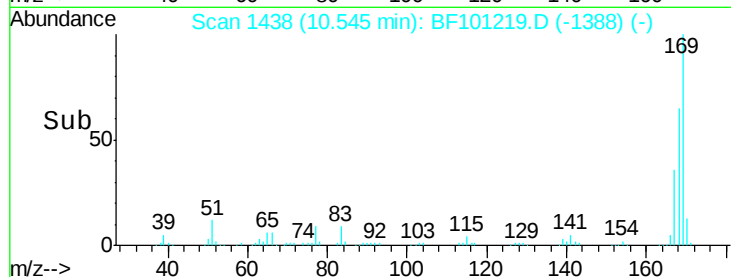
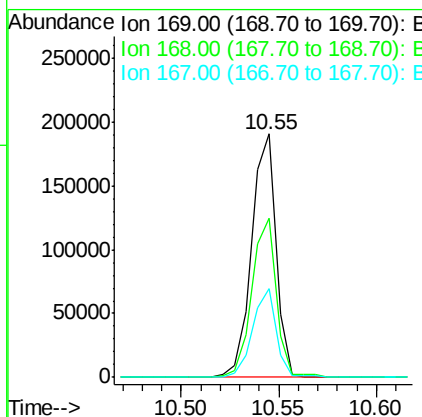
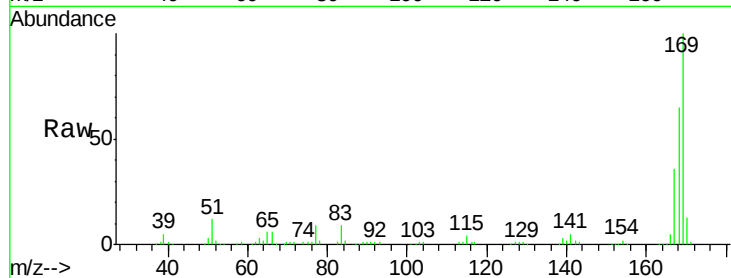
#65
n-Nitrosodiphenylamine
Concen: 42.340 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	165948		
168	65.3		54.4	81.6
167	36.3		29.8	44.6

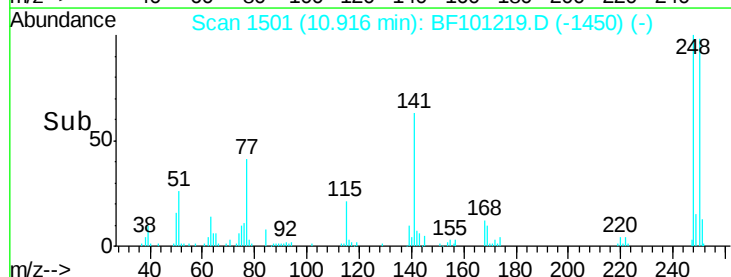
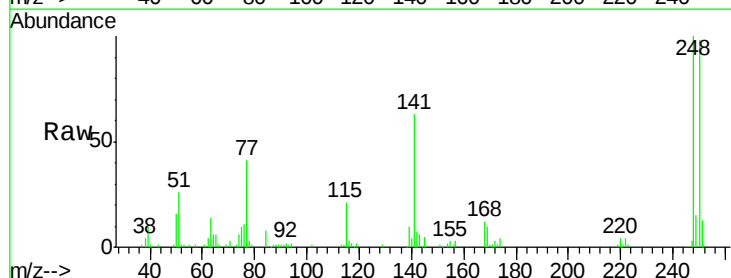
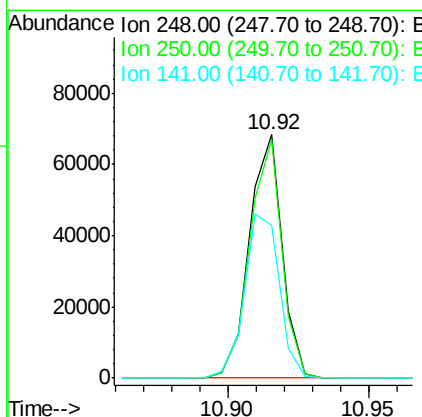
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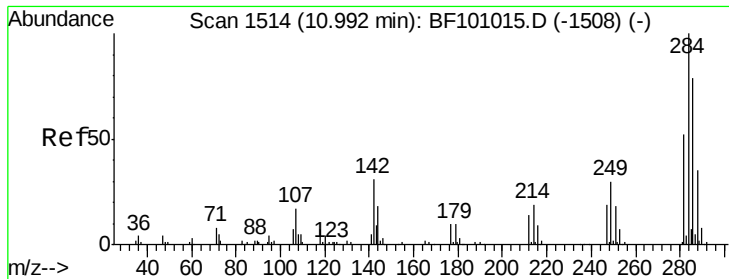
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#66
4-Bromophenyl-phenylether
Concen: 44.188 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	54951		
250	97.9		76.9	115.3
141	62.6		74.4	111.6#





#67

Hexachlorobenzene

Concen: 40.898 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

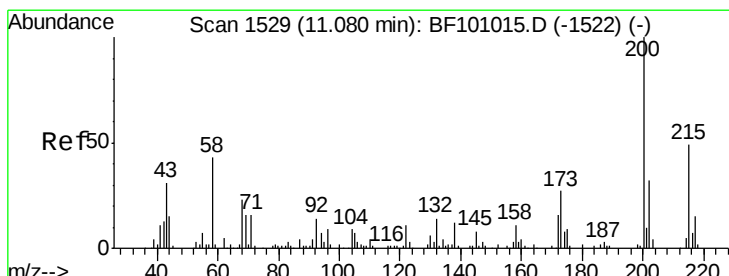
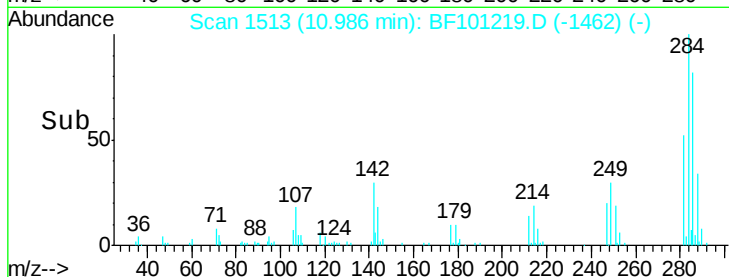
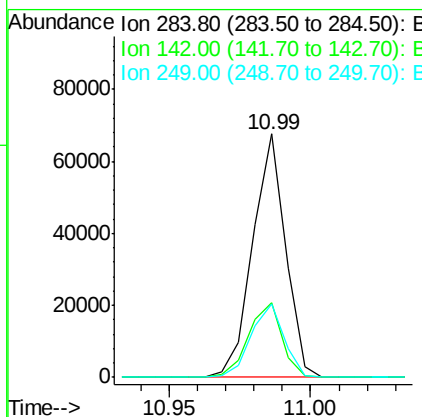
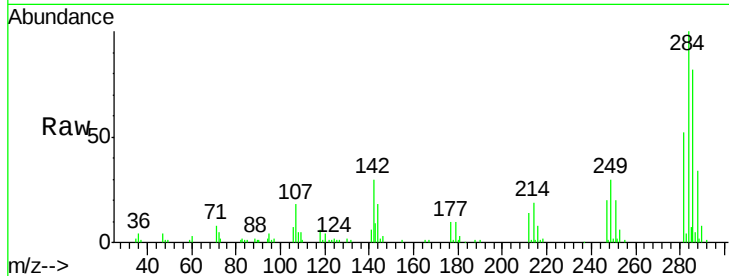
ClientSampleId :

PB104800BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.4	34.6	52.0#
249	30.4	24.8	37.2

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#68

Atrazine

Concen: 41.355 ng

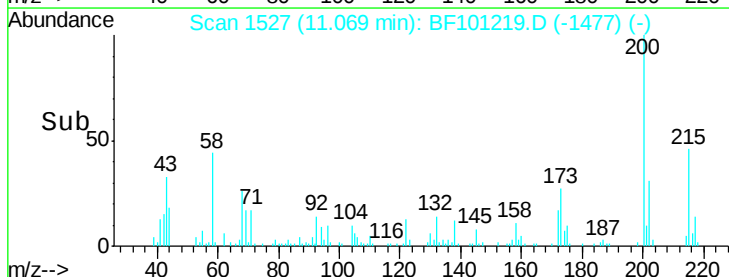
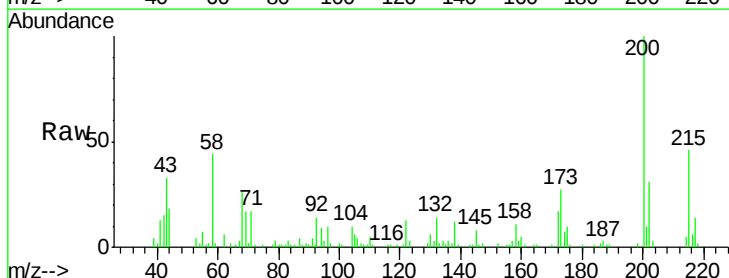
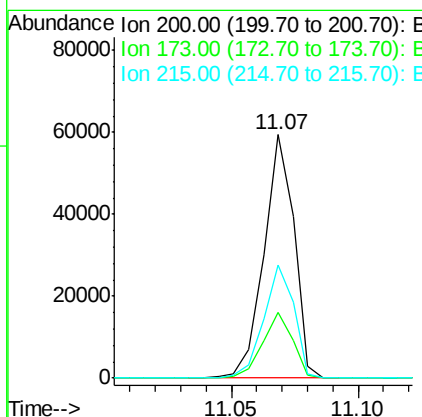
RT: 11.07 min Scan# 1527

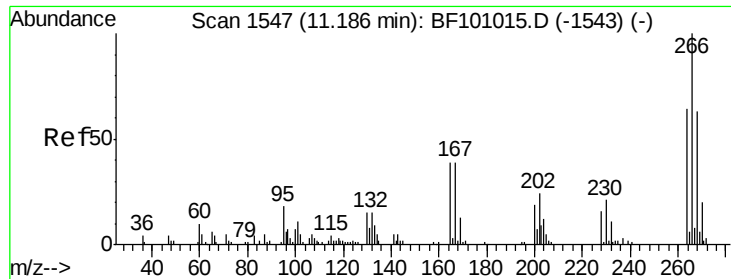
Delta R.T. -0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	46.4	25.1	65.1





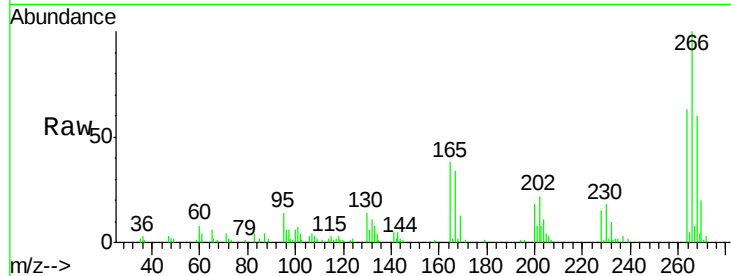
#69
 Pentachlorophenol
 Concen: 58.283 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

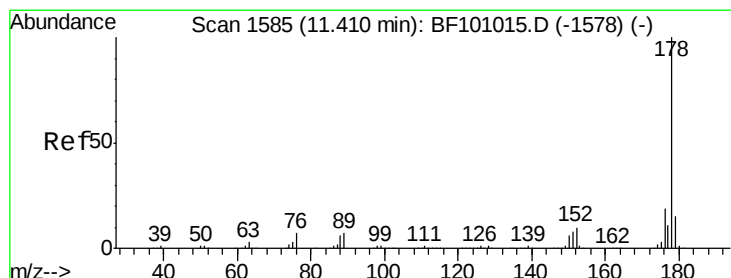
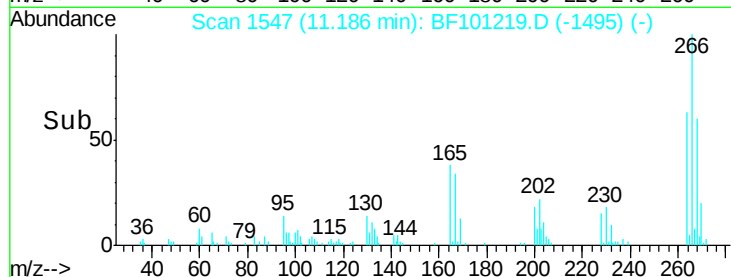
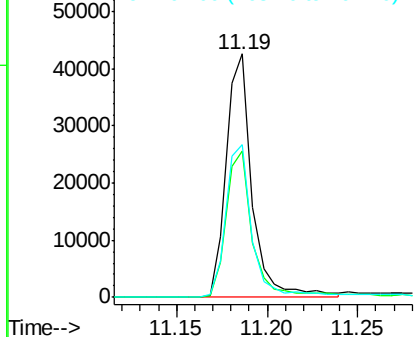
Tot Ion	Ratio	Resp	Lower	Upper
266	100	42711		
268	60.2	51.1	76.7	
264	62.9	49.5	74.3	

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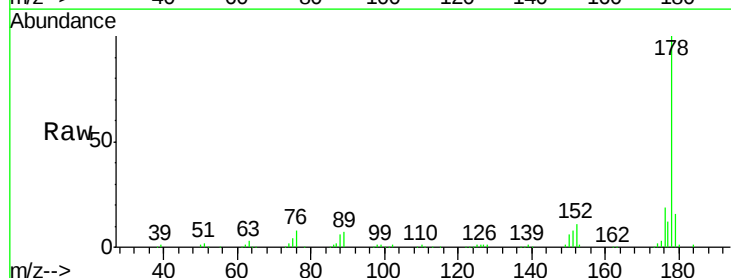


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

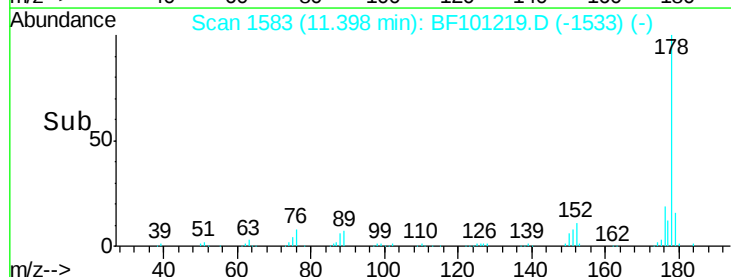
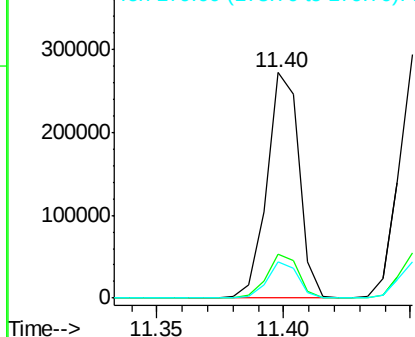


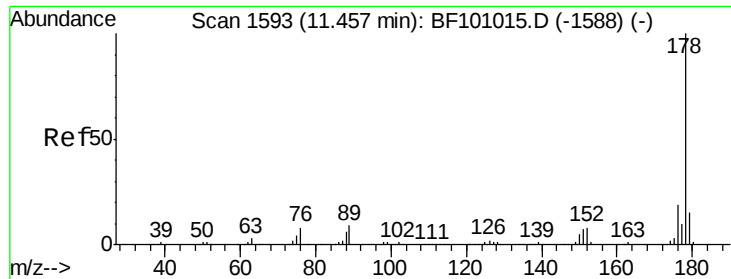
#70
 Phenanthrene
 Concen: 39.646 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	242564		
176	19.3	15.8	23.8	
179	16.2	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





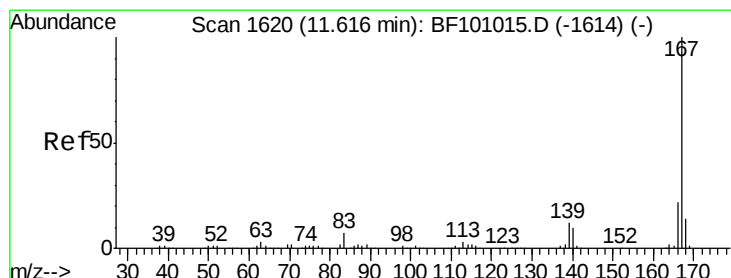
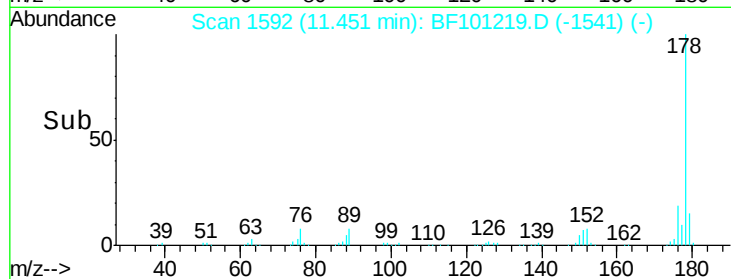
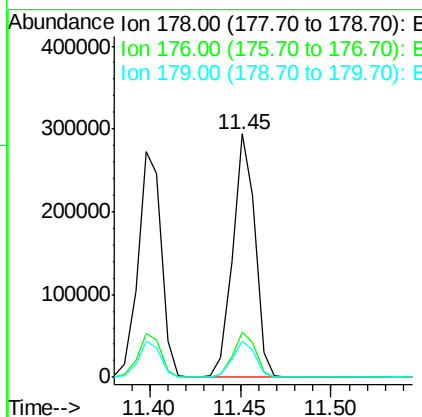
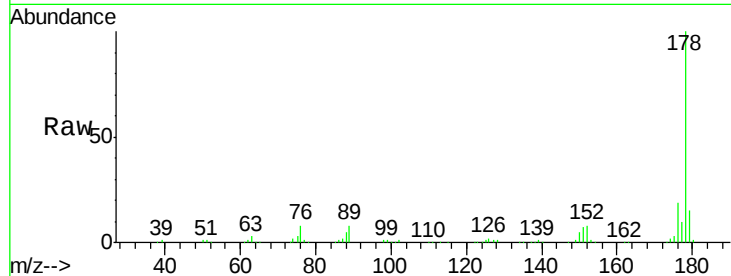
#71
 Anthracene
 Concen: 40.702 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.0	12.6	19.0

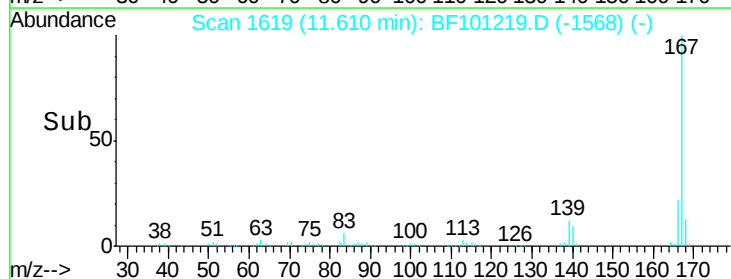
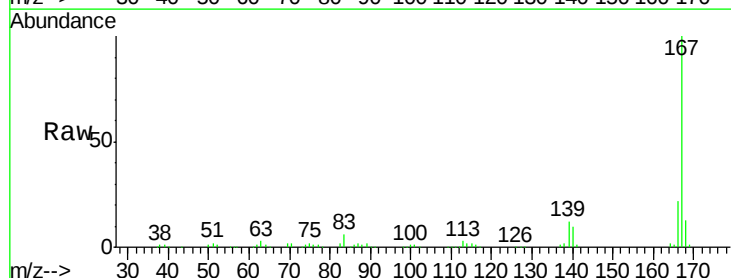
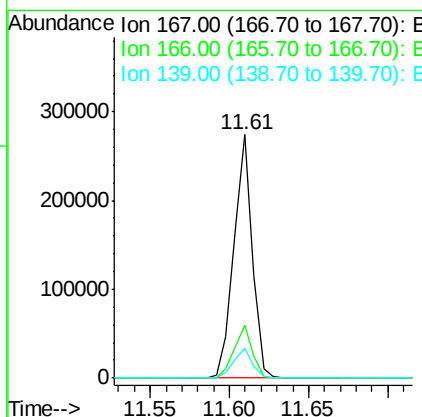
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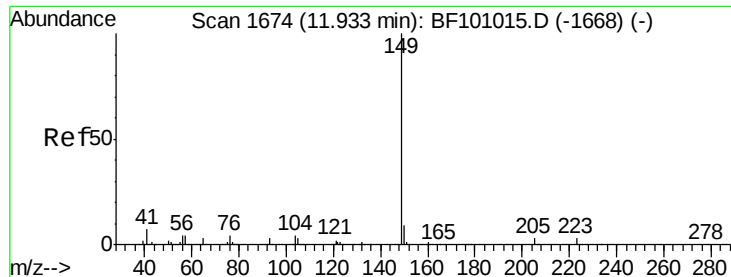
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#72
 Carbazole
 Concen: 39.169 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.106 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

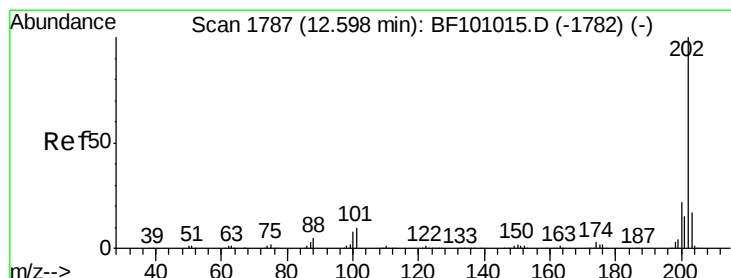
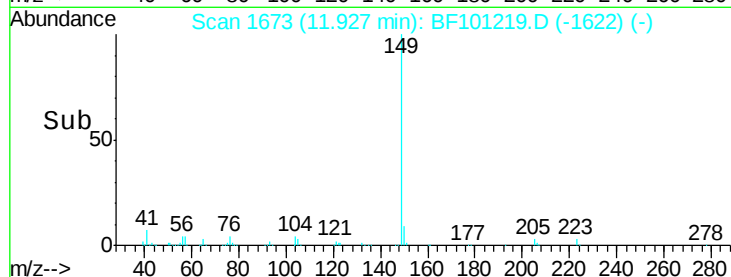
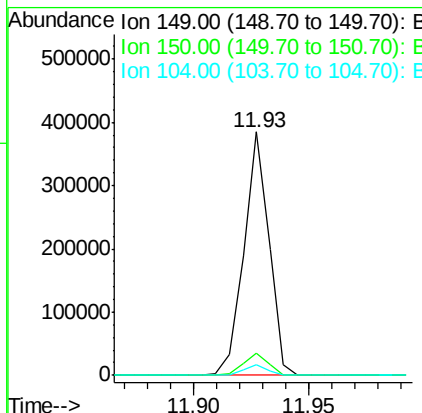
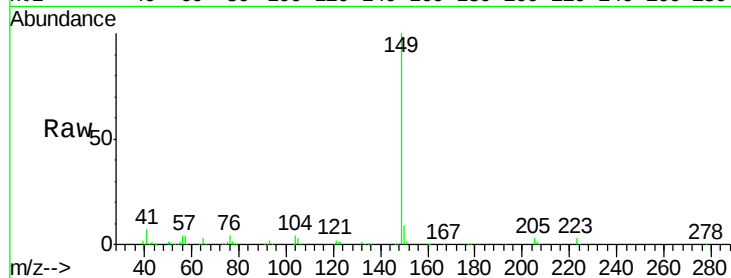
ClientSampleId :

PB104800BS

Tot Ion:	149	Resp:	291497
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 36.719 ng

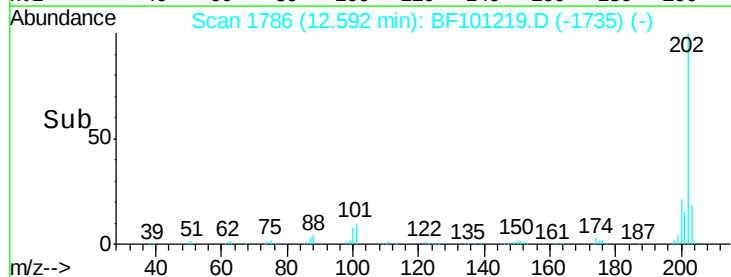
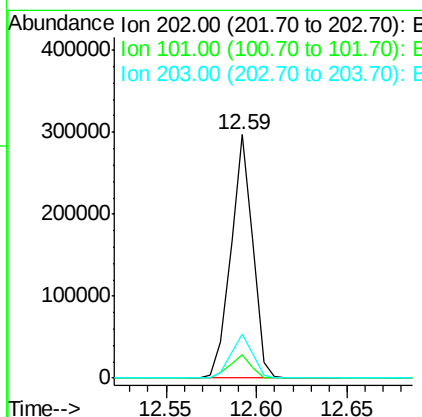
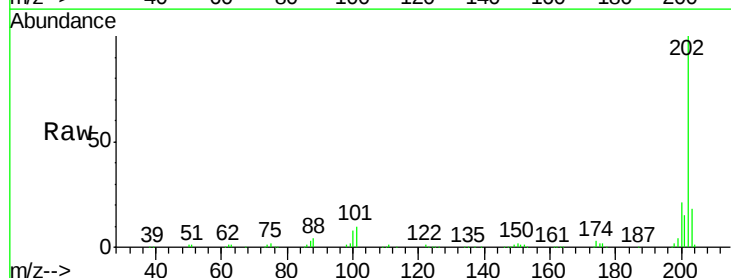
RT: 12.59 min Scan# 1786

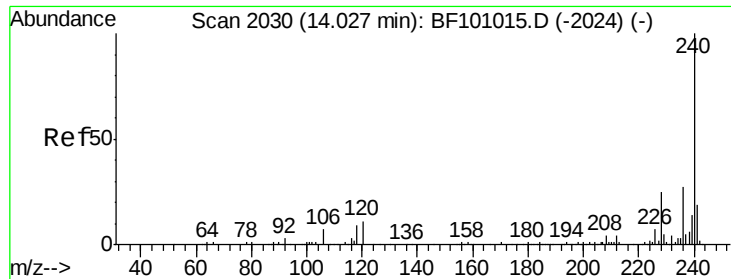
Delta R.T. 0.00 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion:	202	Resp:	249022
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	17.8	0.0	38.1





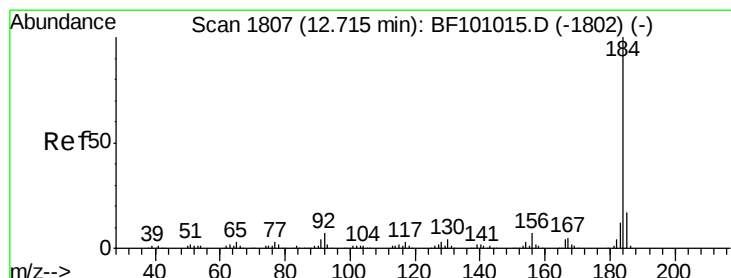
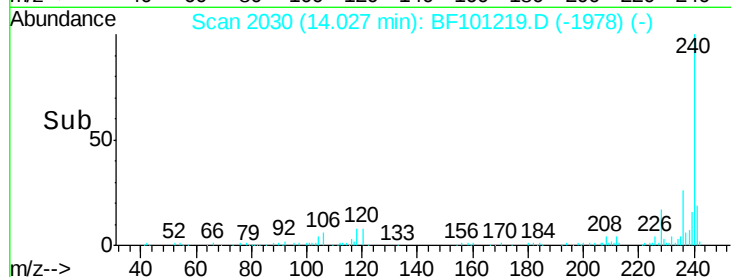
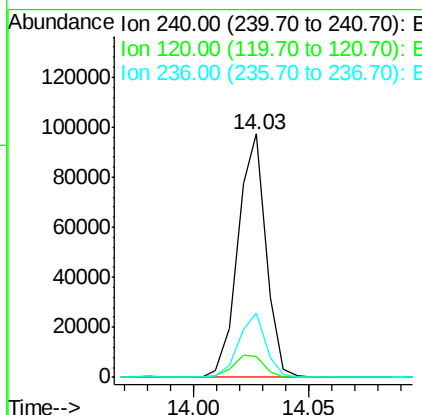
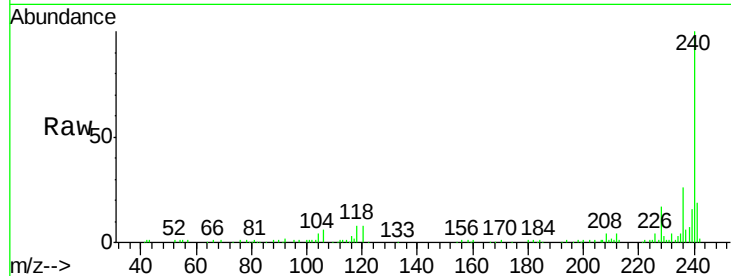
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.4	20.7	31.1

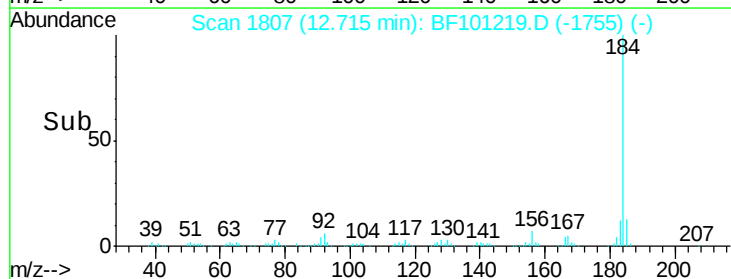
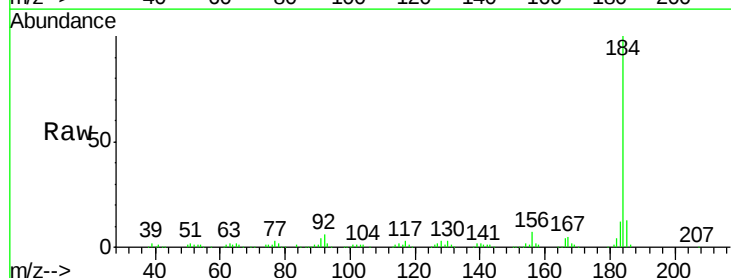
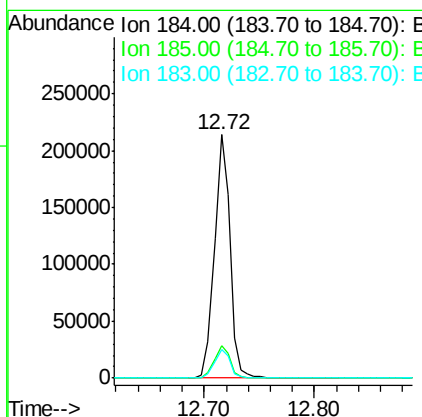
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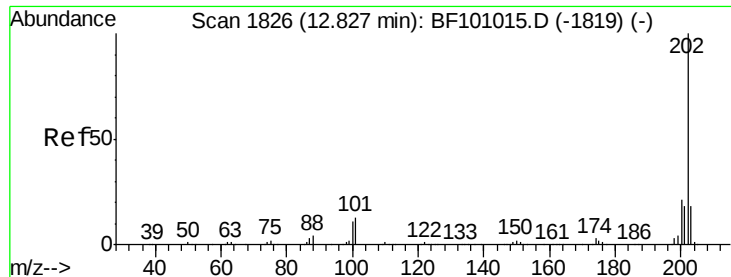
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#76
Benzidine
Concen: 77.515 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.6	18.8
183	12.0	9.3	13.9





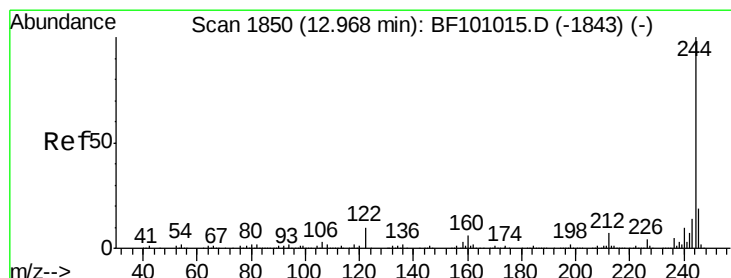
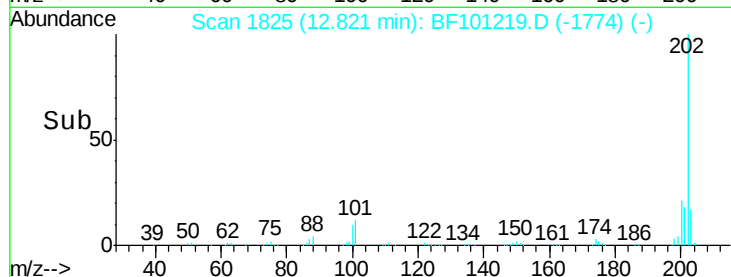
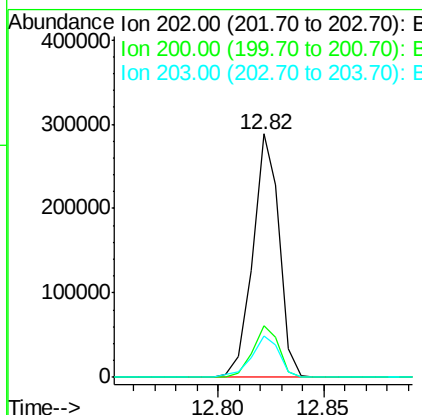
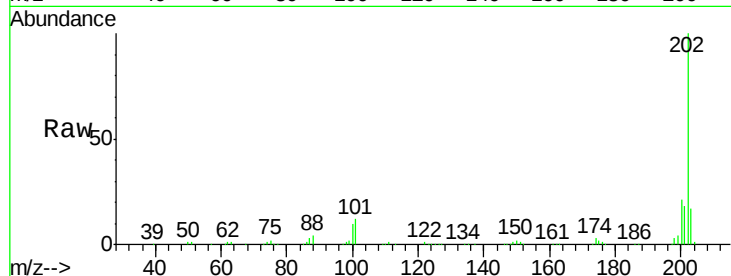
#77
Pvrene
Concen: 44.009 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.4	26.2
203	16.9	14.3	21.5

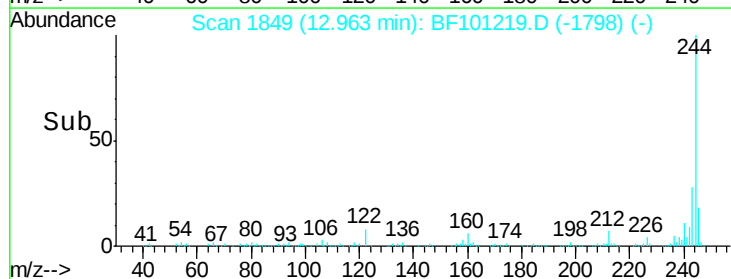
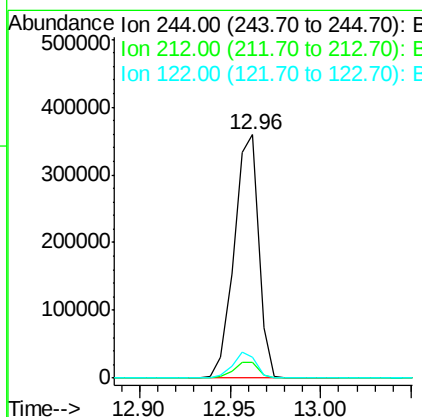
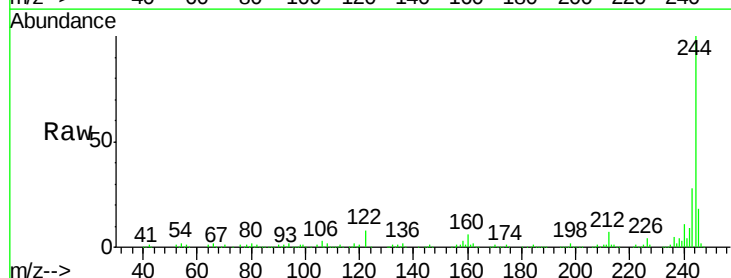
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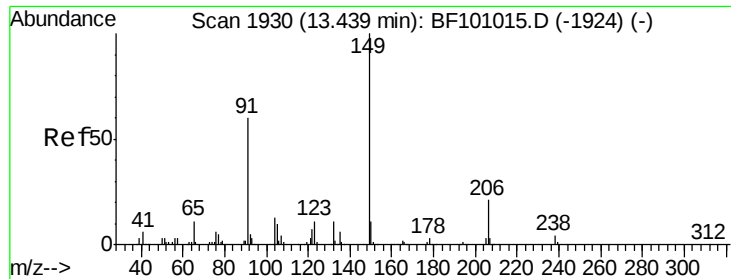
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#78
Terphenyl-d14
Concen: 89.862 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.4	11.0	16.4#





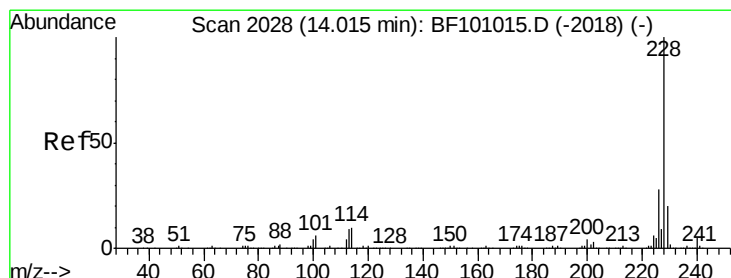
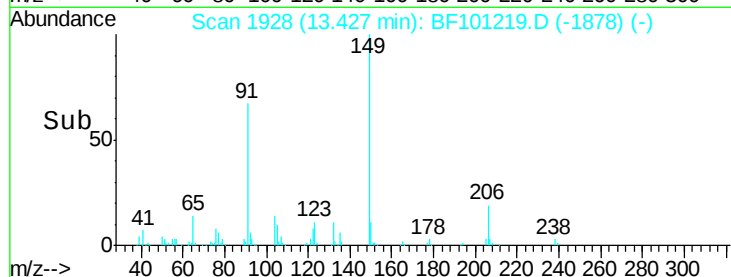
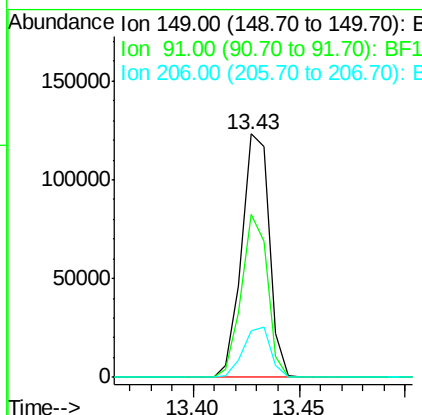
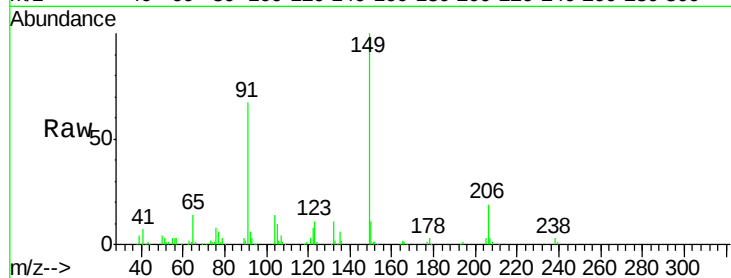
#79
Butylbenzylphthalate
Concen: 44.721 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.7	56.8	85.2
206	18.9	14.1	21.1

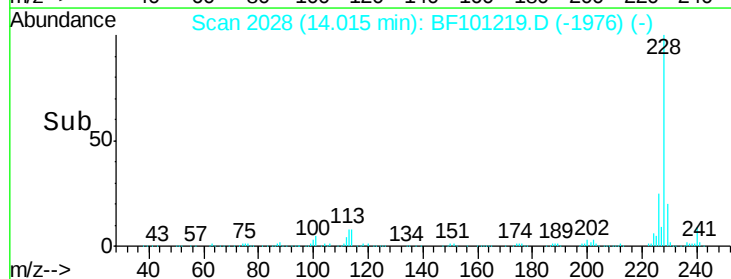
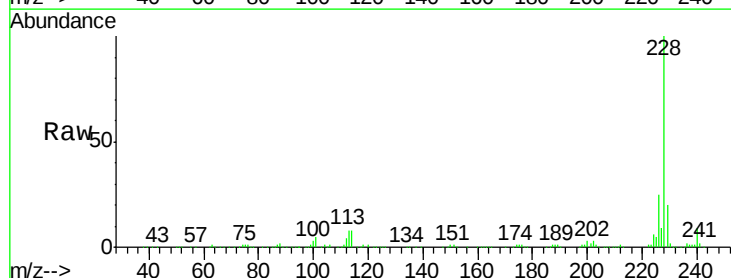
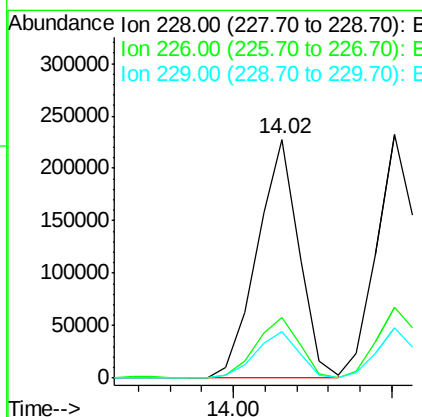
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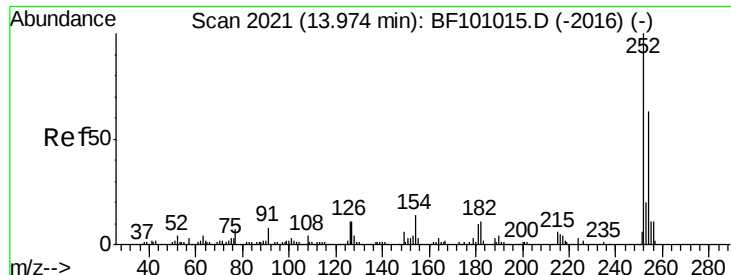
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#80
Benzo(a)anthracene
Concen: 40.083 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.3	22.6	33.8
229	19.6	15.8	23.6





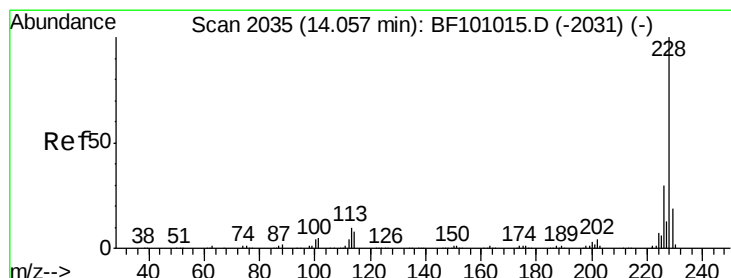
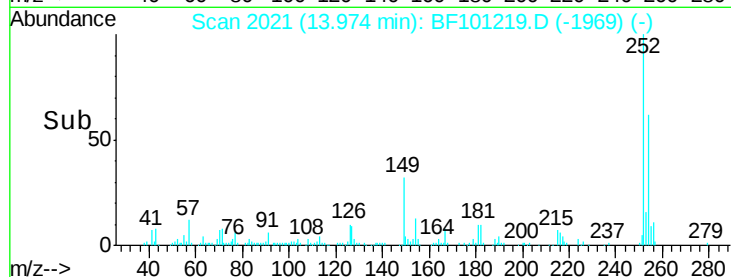
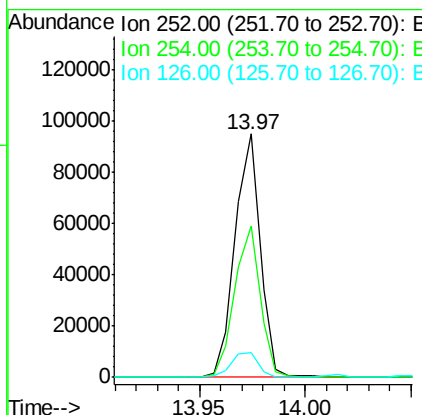
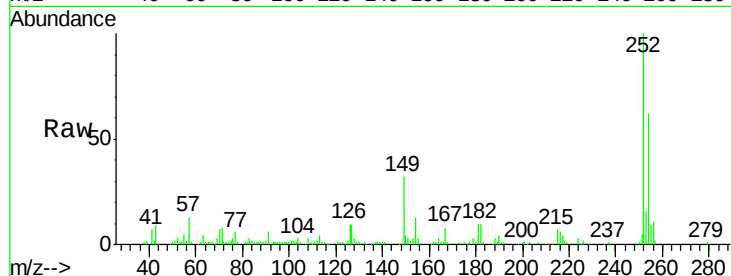
#81
 3,3'-Dichlorobenzidine
 Concen: 43.734 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.4	75.6
126	10.4	11.3	16.9

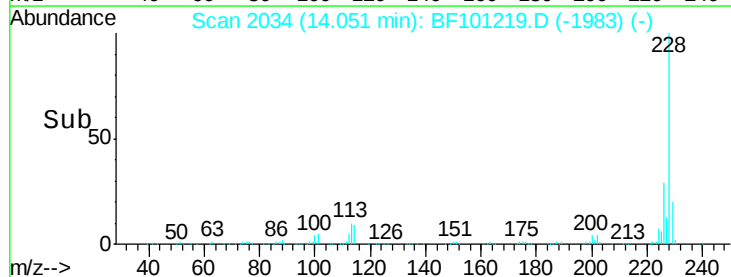
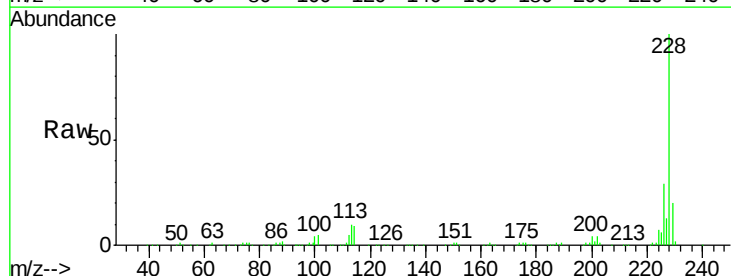
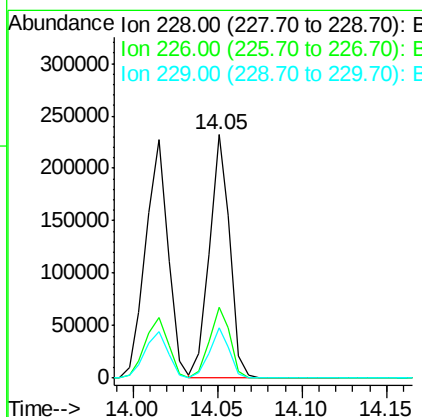
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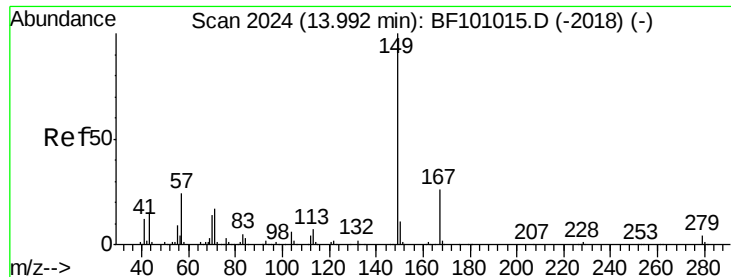
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#82
 Chrysene
 Concen: 40.787 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.311 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

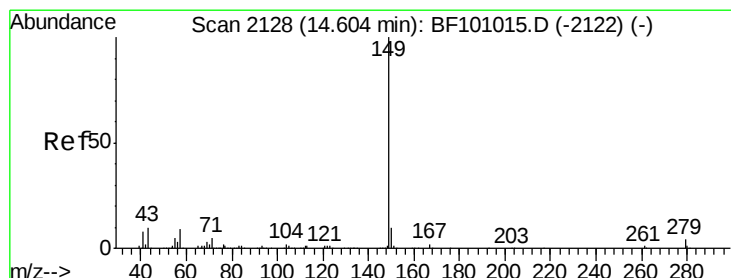
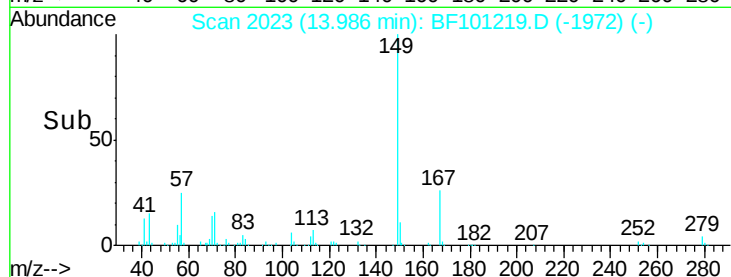
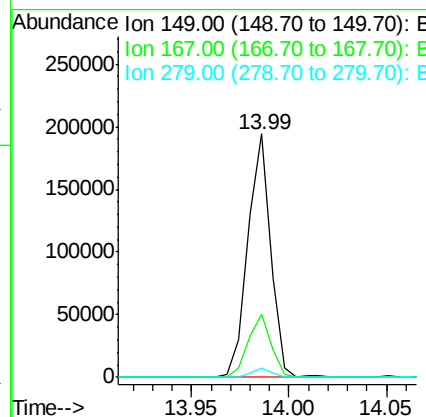
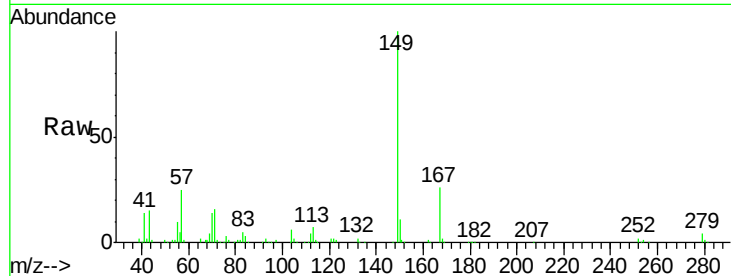
ClientSampleId :

PB104800BS

Tot Ion:	149	Resp:	158139
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.8	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 41.744 ng

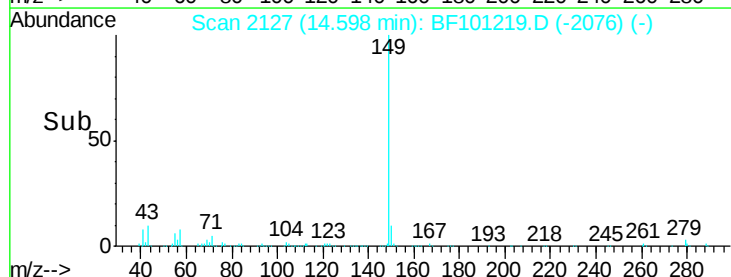
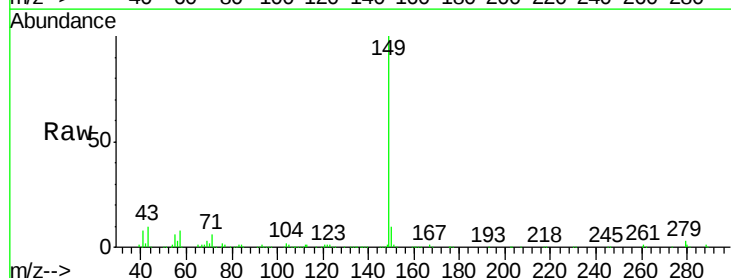
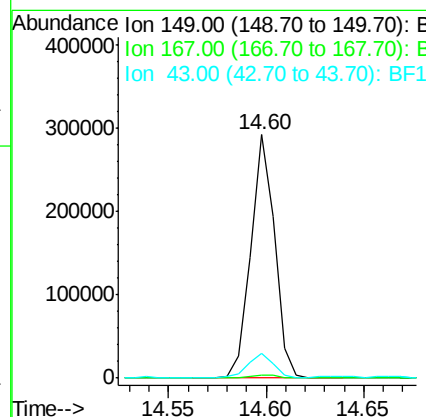
RT: 14.60 min Scan# 2127

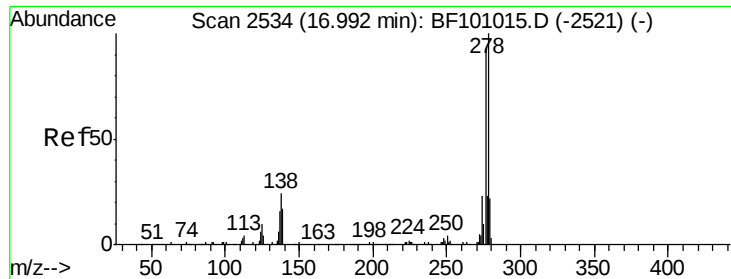
Delta R.T. 0.00 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion:	149	Resp:	248049
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.9	8.4	12.6





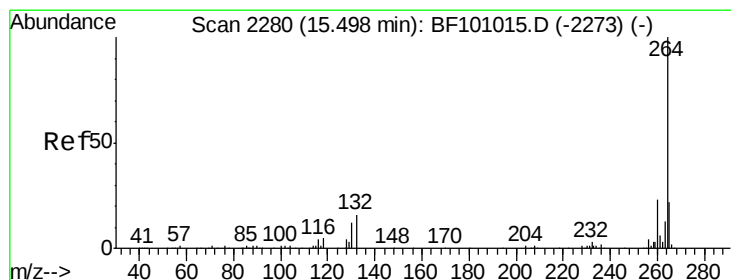
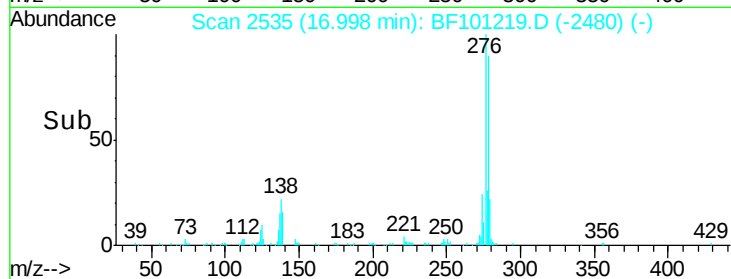
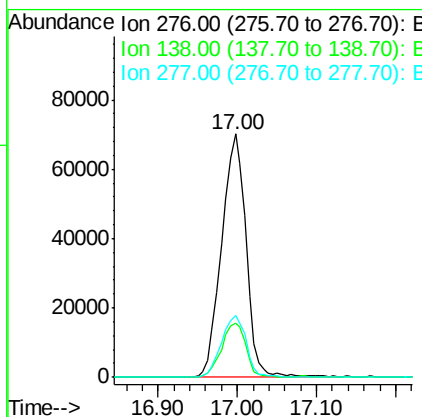
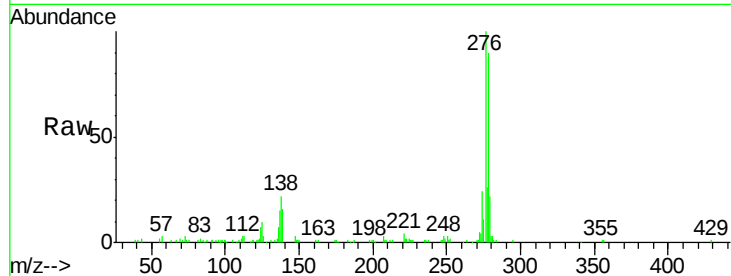
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.986 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.02 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.0	37.6#
277	25.7	20.1	30.1

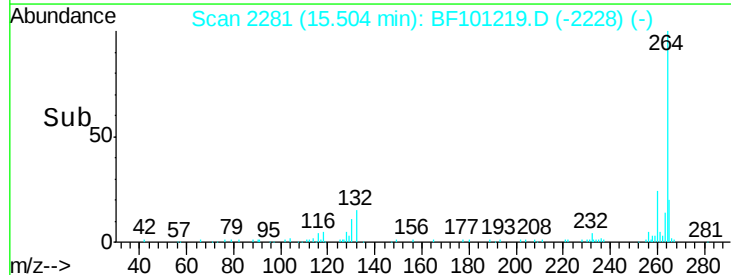
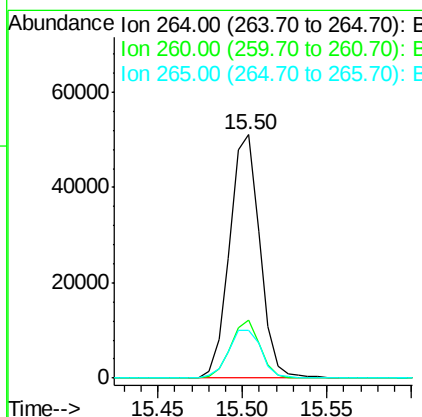
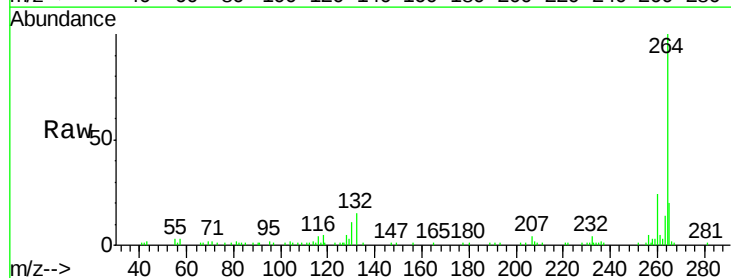
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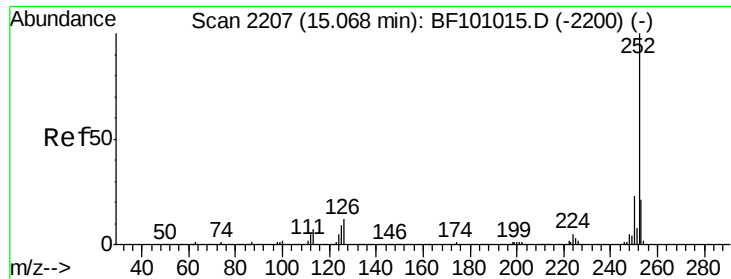
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	19.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.429 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Instrument :

BNA_F

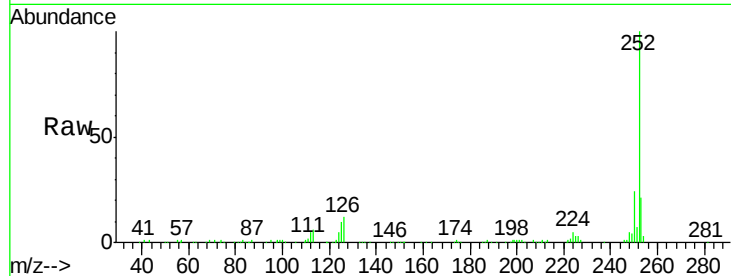
ClientSampleId :

PB104800BS

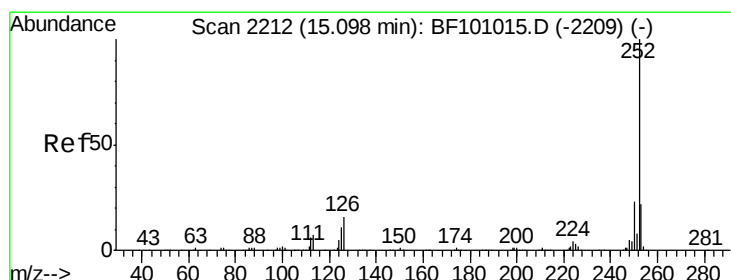
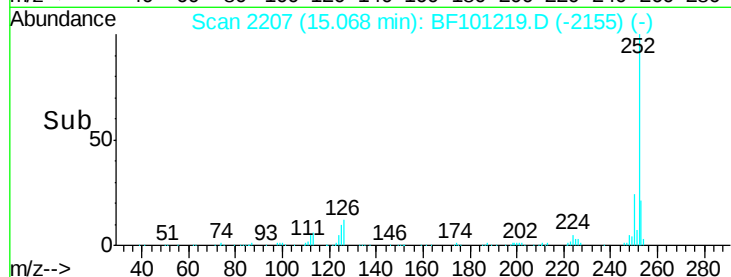
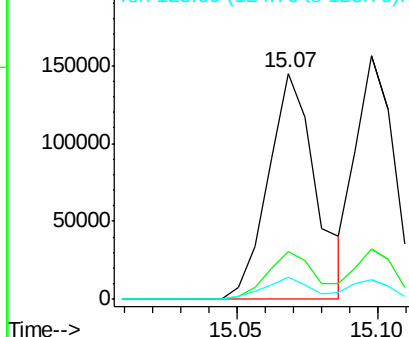
Tot Ion:252	Resp:	169345
Ion Ratio	Lower	Upper
252 100		
253 21.0	17.0	25.6
125 9.9	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.644 ng

RT: 15.10 min Scan# 2212

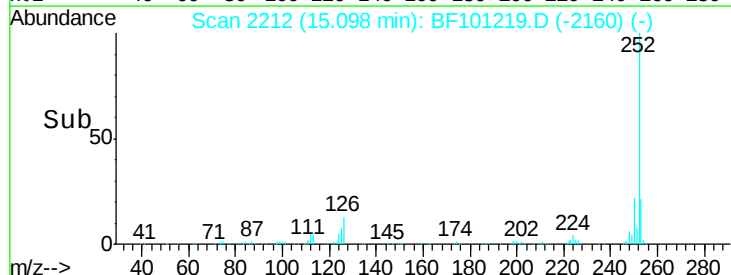
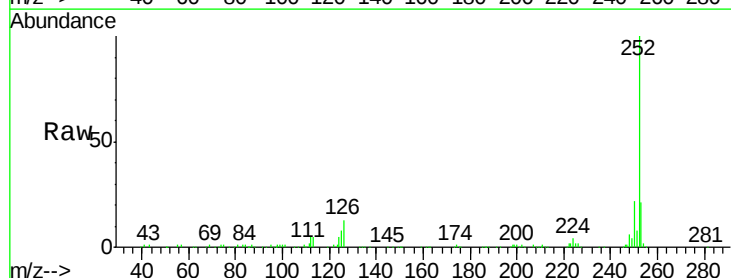
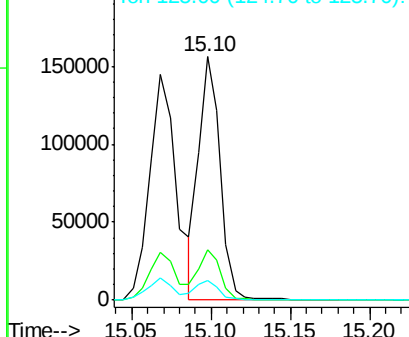
Delta R.T. 0.01 min

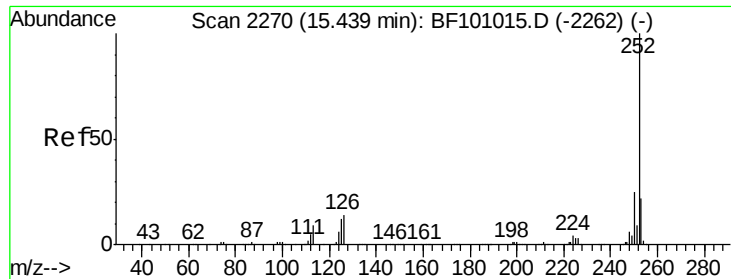
Lab File: BF101219.D

Acq: 7 Dec 2017 21:34

Tgt Ion:252	Resp:	148875
Ion Ratio	Lower	Upper
252 100		
253 20.7	17.9	26.9
125 8.3	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





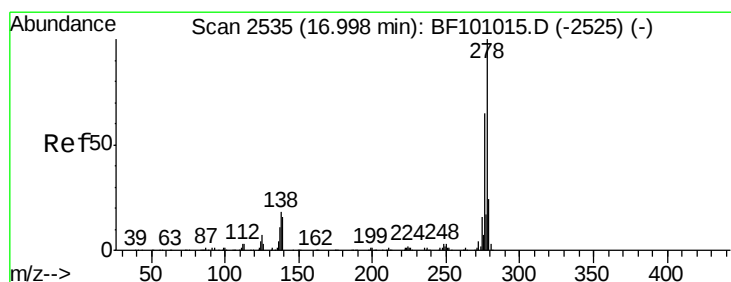
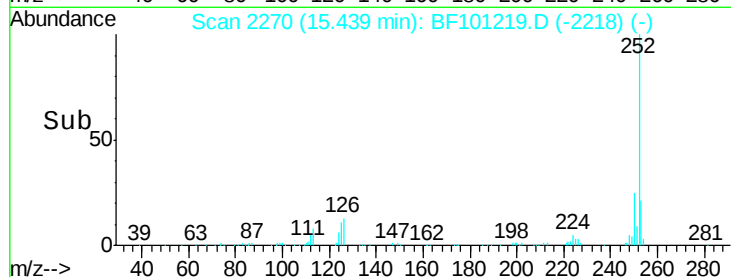
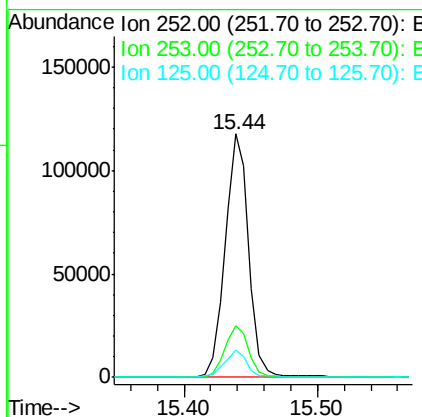
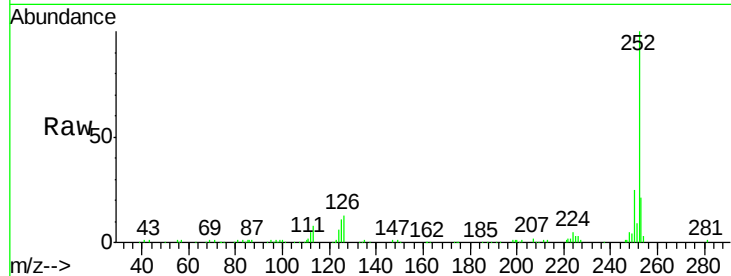
#89
Benzo(a)pyrene
Concen: 41.939 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	11.0	9.8	14.6

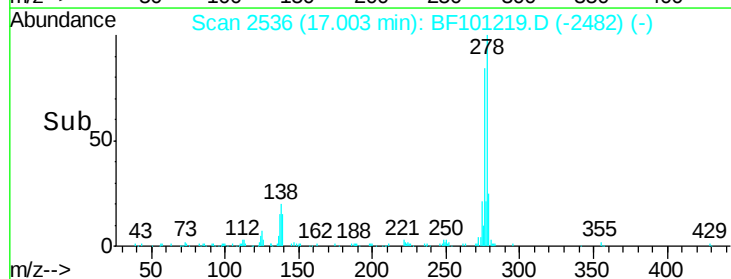
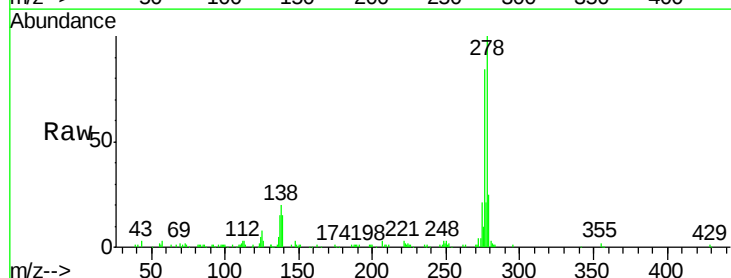
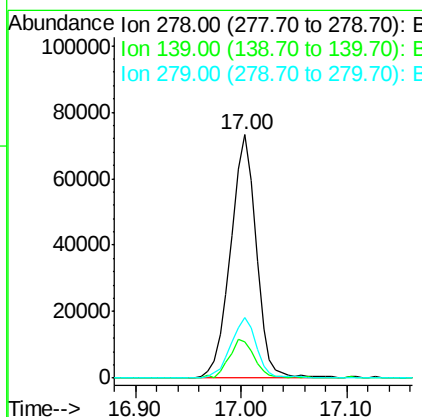
Manual Integrations
APPROVED

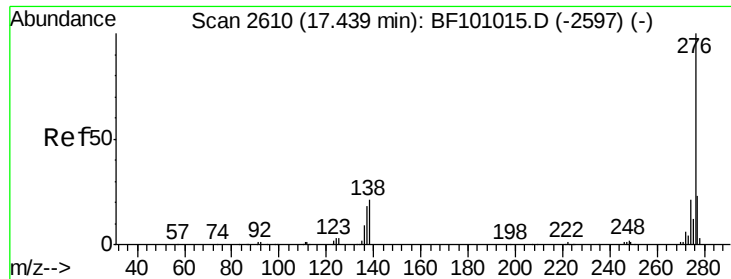
Sohil
12/8/2017 11:12:28 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.409 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF101219.D
Acq: 7 Dec 2017 21:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.9	23.9#
279	24.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.907 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101219.D
 Acq: 7 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 PB104800BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.4	17.9	26.9
138	18.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/8/2017 11:12:28 AM

