

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103243.D
 Acq On : 27 Feb 2018 2:48
 Operator : SJ/JU
 Sample : J1649-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:23:19 PM

Quant Time: Feb 27 04:57:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146782	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	596665	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	240241	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	352104	20.00	ng	0.00
75) Chrysene-d12	14.06	240	218265	20.00	ng	0.00
86) Perylene-d12	15.56	264	163208	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1112913	114.67	ng	0.02
7) Phenol-d6	6.52	99	1328621	111.88	ng	0.02
23) Nitrobenzene-d5	7.45	82	859056	82.22	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	202733	99.70	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1112248	78.25	ng	0.00
78) Terphenyl-d14	12.99	244	813279	89.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	194303	37.907	ng	90
3) Pyridine	3.48	79	545799	39.885	ng	94
4) n-Nitrosodimethylamine	3.42	42	272822	49.434	ng	98
6) Aniline	6.54	93	487883	28.466	ng	# 84
8) 2-Chlorophenol	6.67	128	446808	44.318	ng	98
9) Benzaldehyde	6.43	77	262238	35.044	ng	98
10) Phenol	6.53	94	566488	41.091	ng	84
11) bis(2-Chloroethyl)ether	6.61	93	462799	44.230	ng	91
12) 1,3-Dichlorobenzene	6.82	146	468549	40.668	ng	97
13) 1,4-Dichlorobenzene	6.89	146	472273	40.885	ng	98
14) 1,2-Dichlorobenzene	7.05	146	435160	40.856	ng	99
15) Benzyl Alcohol	7.02	79	358226	40.030	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	755435	42.044	ng	91
17) 2-Methylphenol	7.13	107	381528	41.642	ng	96
18) Hexachloroethane	7.38	117	108631	25.833	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	298970	40.451	ng	98
20) 3+4-Methylphenols	7.29	107	429487	38.455	ng	# 65
22) Acetophenone	7.29	105	578273	41.521	ng	# 89
24) Nitrobenzene	7.46	77	477120	41.477	ng	99
25) Isophorone	7.70	82	908016	44.127	ng	98
26) 2-Nitrophenol	7.77	139	144413	26.668	ng	94
27) 2,4-Dimethylphenol	7.82	122	392491	47.417	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	565205	46.718	ng	99
29) 2,4-Dichlorophenol	8.02	162	349963	44.160	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	344585	40.832	ng	100
31) Naphthalene	8.18	128	1210560	41.441	ng	99
32) Benzoic acid	7.92	122	90685	19.554	ng	98
33) 4-Chloroaniline	8.23	127	312149	24.763	ng	99
34) Hexachlorobutadiene	8.29	225	174525	39.713	ng	99
35) Caprolactam	8.61	113	127621m	45.821	ng	
36) 4-Chloro-3-methylphenol	8.72	107	382637	42.807	ng	96
37) 2-Methylnaphthalene	8.87	142	772314	40.909	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	292977	44.609	ng	100
40) Hexachlorocyclopentadiene	9.02	237	2940	10.011	ng	89

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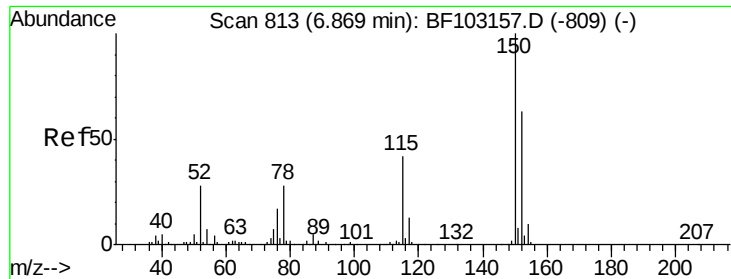
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	202803	45.891	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	208703	41.061	nq	97
45) 1,1'-Biphenyl	9.34	154	866574	43.047	nq	98
46) 2-Chloronaphthalene	9.36	162	686216	43.087	nq	99
47) 2-Nitroaniline	9.46	65	295593	50.105	nq	88
48) Acenaphthylene	9.78	152	1003314	40.944	nq	99
49) Dimethylphthalate	9.63	163	923600	47.923	nq	100
50) 2,6-Dinitrotoluene	9.70	165	135459	33.493	nq	97
51) Acenaphthene	9.95	154	575195	40.255	nq	99
52) 3-Nitroaniline	9.87	138	242649	47.289	nq	99
53) 2,4-Dinitrophenol	10.00	184	1260	10.380	nq #	34
54) Dibenzofuran	10.12	168	855510	43.616	nq	96
55) 4-Nitrophenol	10.05	139	215963	67.909	nq	90
56) 2,4-Dinitrotoluene	10.11	165	149992	29.324	nq #	91
57) Fluorene	10.47	166	634523	37.975	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	141450	41.427	nq	97
59) Diethylphthalate	10.33	149	775041	42.047	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	295272	41.671	nq	95
61) 4-Nitroaniline	10.49	138	235041	45.860	nq	96
62) Azobenzene	10.62	77	732903	39.063	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	1632	5.629	nq #	66
65) n-Nitrosodiphenylamine	10.57	169	583946	47.631	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	170321	46.436	nq	95
67) Hexachlorobenzene	11.02	284	169135	42.484	nq	92
68) Atrazine	11.10	200	127515	34.605	nq	97
69) Pentachlorophenol	11.22	266	131949	68.547	nq	97
70) Phenanthrene	11.43	178	832436	42.959	nq	98
71) Anthracene	11.49	178	846756	42.614	nq	99
72) Carbazole	11.64	167	819131	41.396	nq	99
73) Di-n-butylphthalate	11.96	149	1106661	44.695	nq	100
74) Fluoranthene	12.63	202	801732	41.173	nq	99
76) Benzidine	12.75	184	579731	71.046	nq	98
77) Pyrene	12.86	202	794654	46.697	nq	100
79) Butylbenzylphthalate	13.46	149	435938	48.487	nq	97
80) Benzo(a)anthracene	14.04	228	609344	43.027	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	247223	48.916	nq	97
82) Chrysene	14.09	228	575888	41.880	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	572436	47.180	nq	99
84) Di-n-octyl phthalate	14.64	149	935515	47.723	nq	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	443378	40.728	nq	98
87) Benzo(b)fluoranthene	15.12	252	506071	47.161	nq	97
88) Benzo(k)fluoranthene	15.14	252	438255	43.371	nq	98
89) Benzo(a)pyrene	15.49	252	430704	44.946	nq	97
90) Dibenzo(a,h)anthracene	17.09	278	374791	50.616	nq	97
91) Benzo(g,h,i)perylene	17.54	276	369536	51.063	nq	99

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



#1

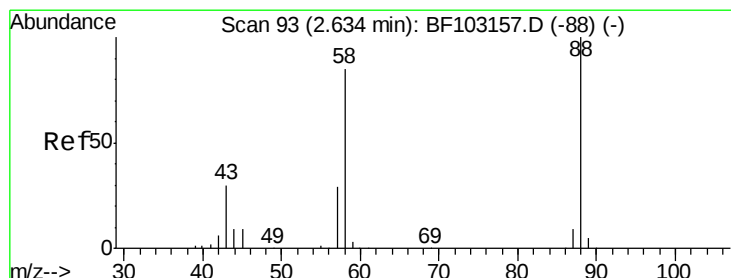
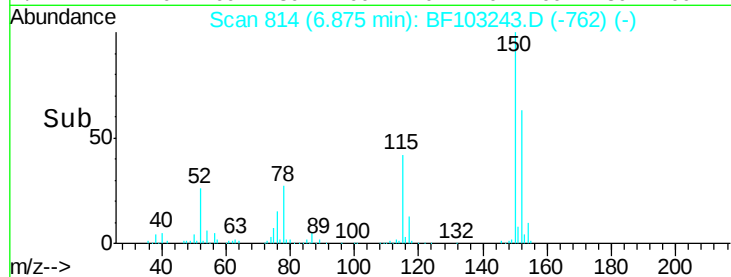
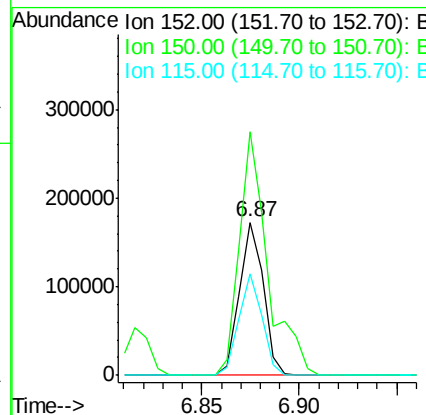
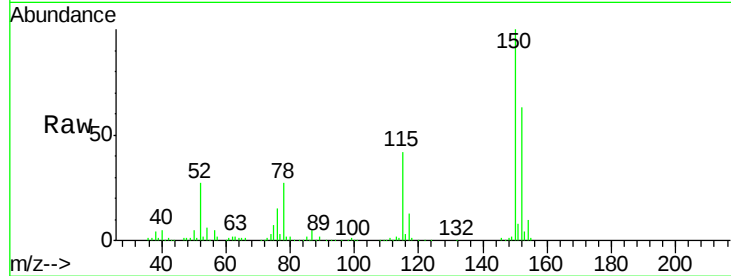
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	66.3	50.1	75.1

Manual Integrations
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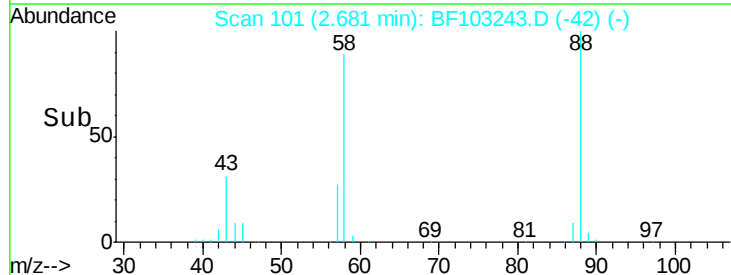
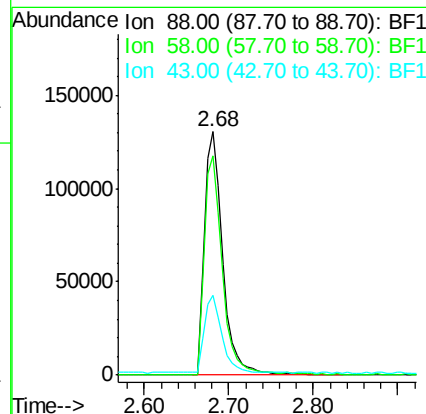
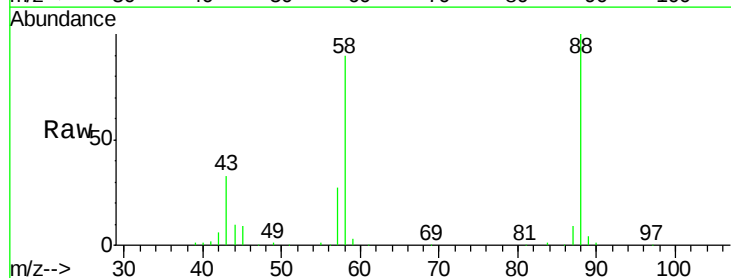
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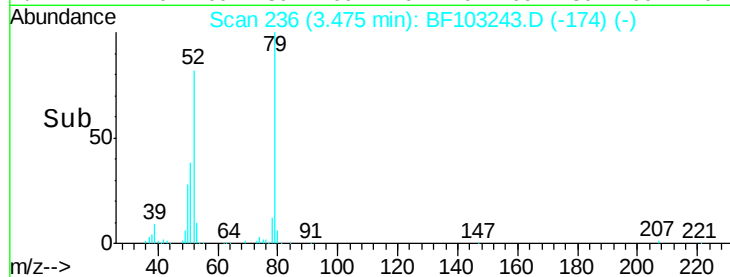
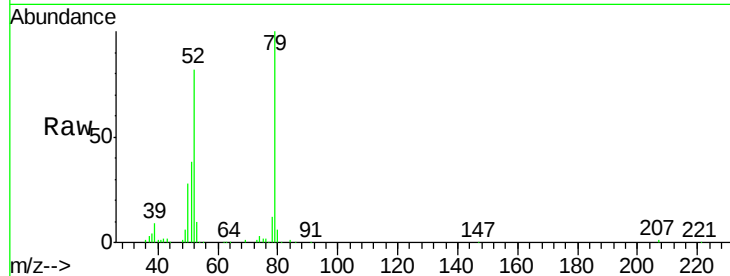


#2

1,4-Dioxane
Concen: 37.907 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	62.6	93.8
43	30.0	24.6	37.0





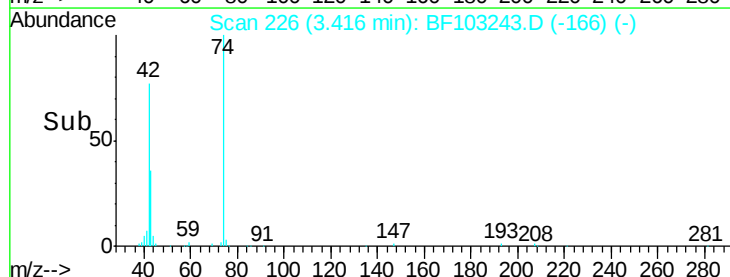
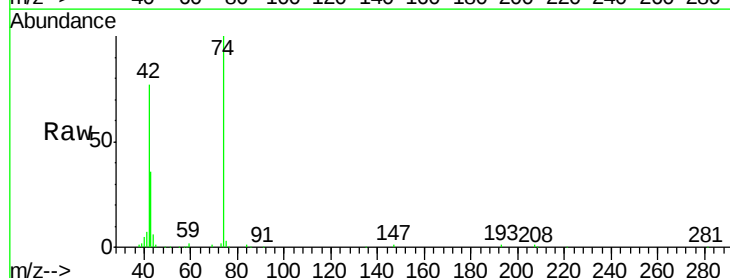
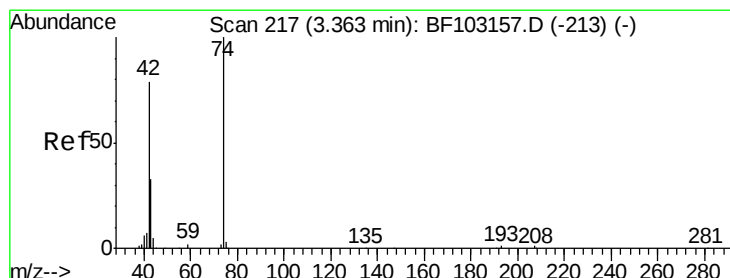
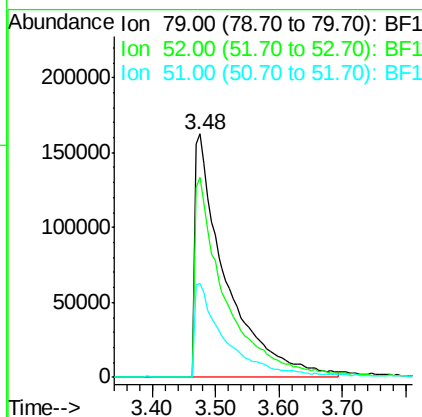
#3
 Pvridine
 Concen: 39.885 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tot Ion:	79	Resp:	545799
Ion Ratio	Lower	Upper	
79	100		
52	82.1	59.8	89.6
51	38.4	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

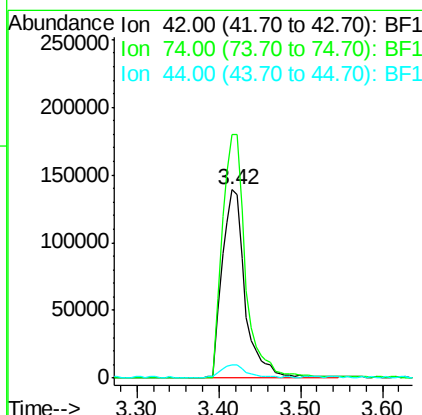
Manual Integrations
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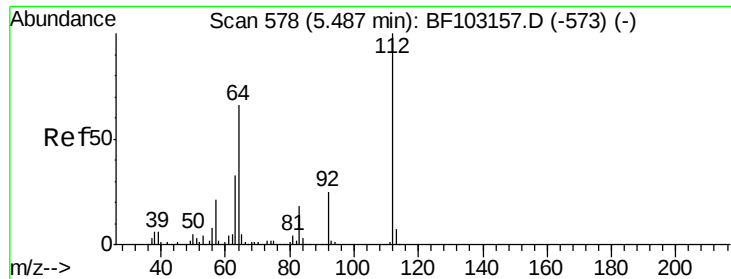
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#4
 n-Nitrosodimethylamine
 Concen: 49.434 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.05 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion:	42	Resp:	272822
Ion Ratio	Lower	Upper	
42	100		
74	129.1	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 114.674 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion: 112 Resp: 1112913

Ion Ratio Lower Upper

112 100

64 66.1 47.9 71.9

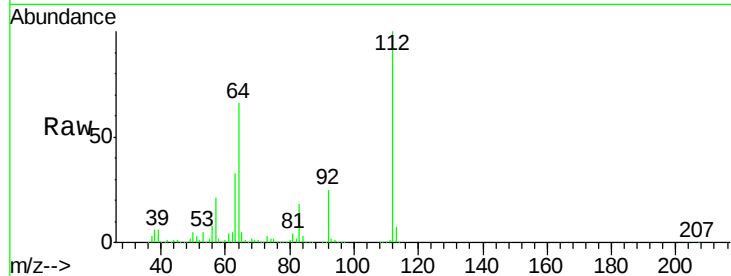
63 33.4 23.7 35.5

Manual Integrations

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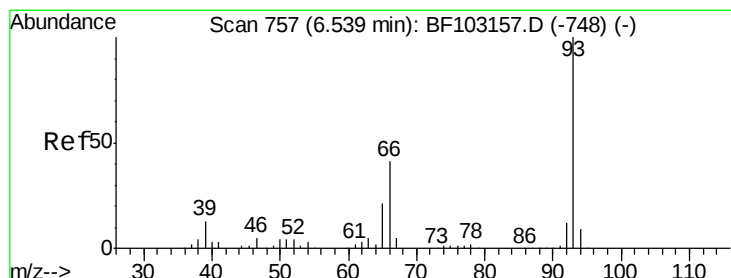
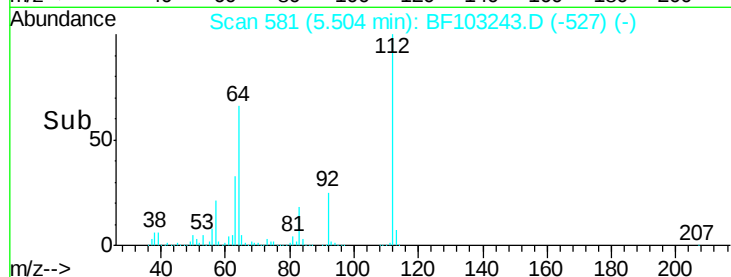
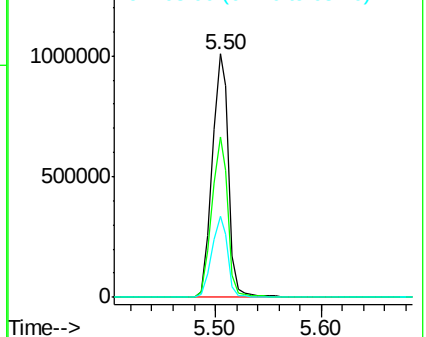
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.466 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

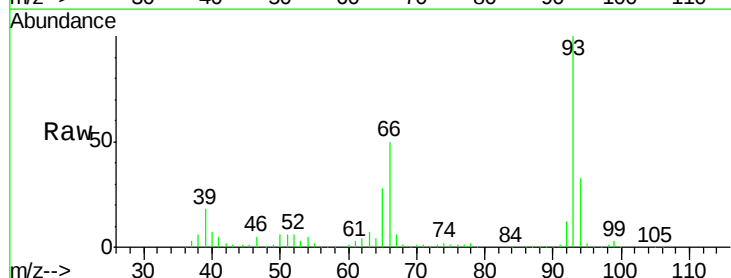
Tgt Ion: 93 Resp: 487883

Ion Ratio Lower Upper

93 100

66 49.7 32.2 48.2#

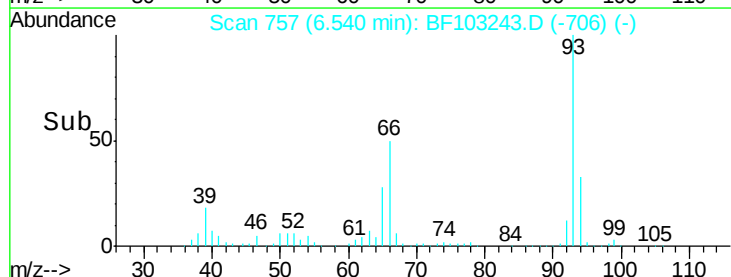
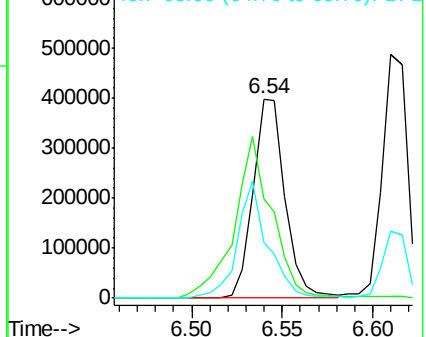
65 28.0 16.4 24.6#

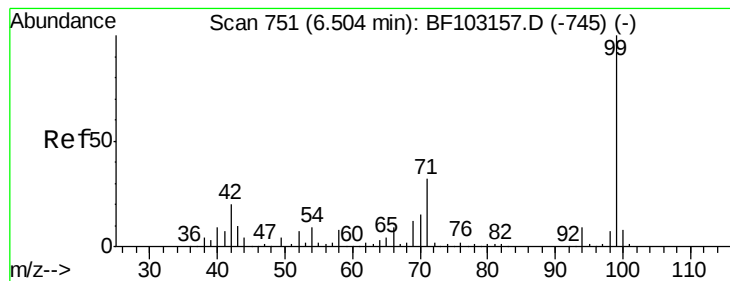


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.878 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion: 99 Resp: 1328621

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

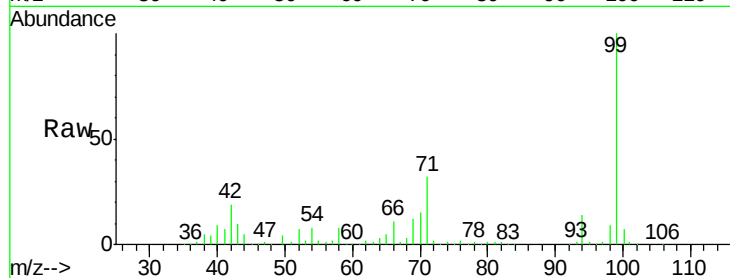
71 32.4 25.4 38.0

Manual Integrations

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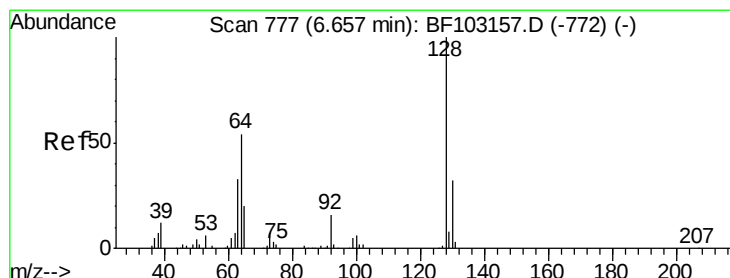
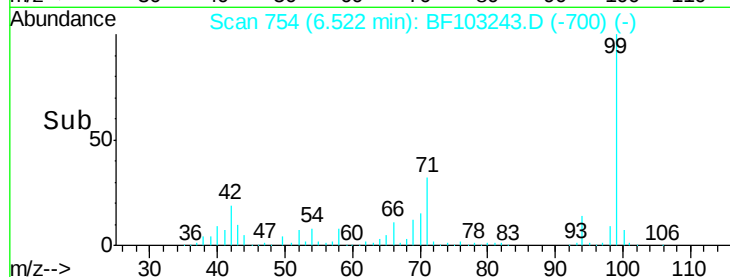
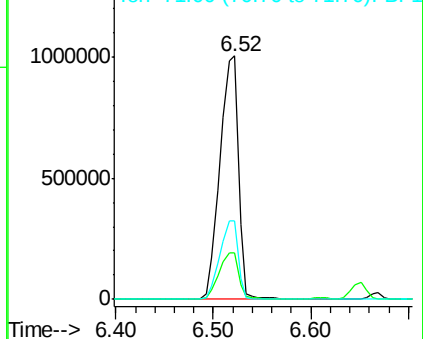
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.318 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

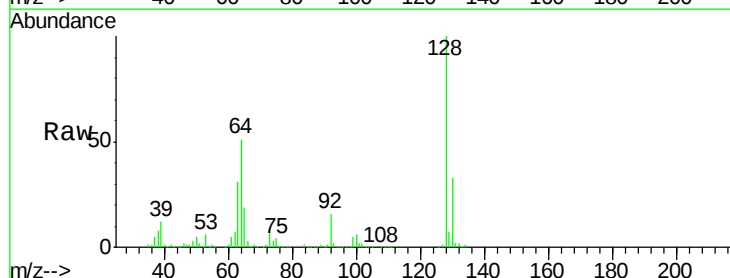
Tgt Ion:128 Resp: 446808

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

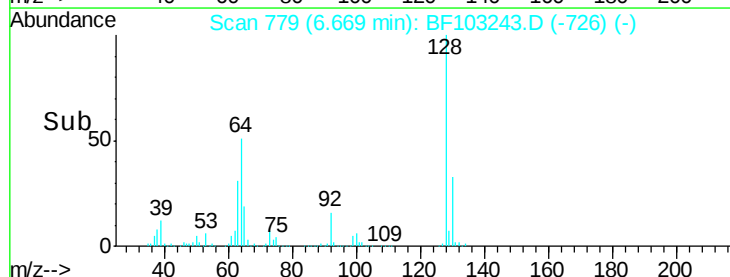
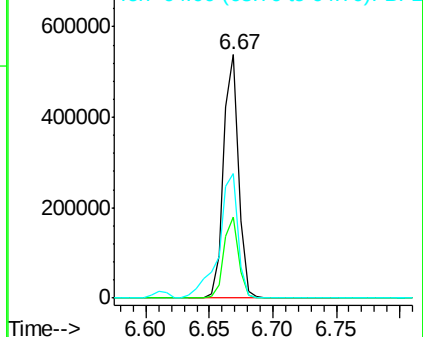
64 51.4 29.4 69.4

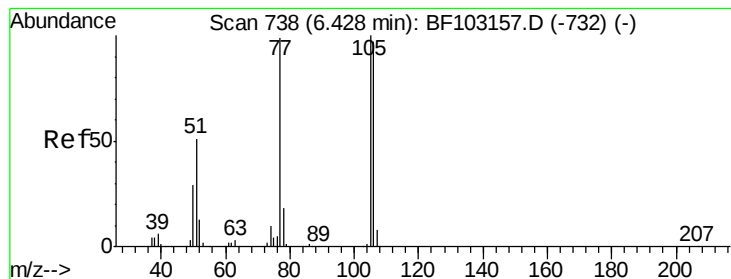


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.044 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

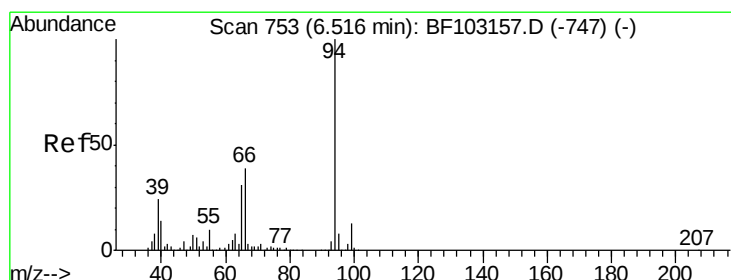
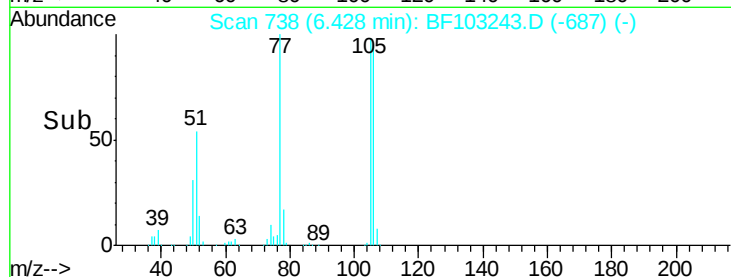
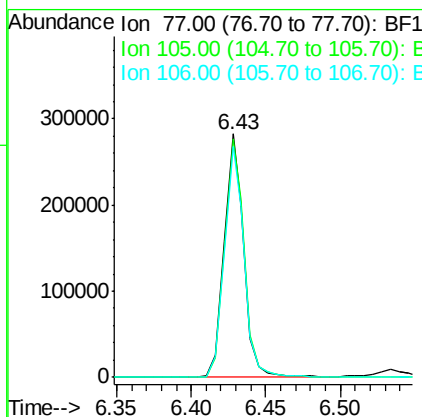
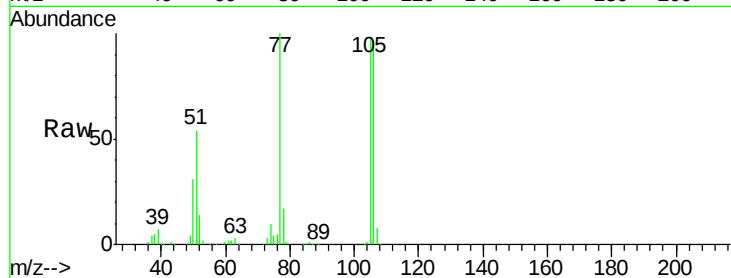
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	77	Resp:	262238
Ion Ratio	Lower	Upper	
77	100		
105	97.7	81.1	121.1
106	94.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 41.091 ng

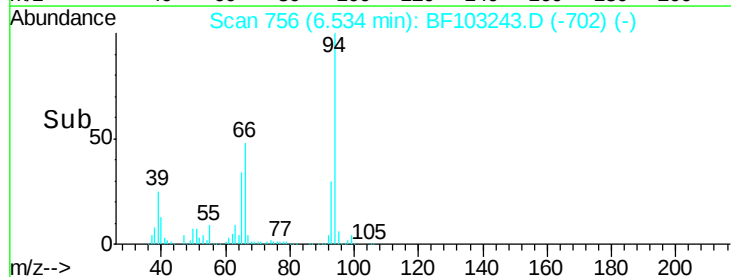
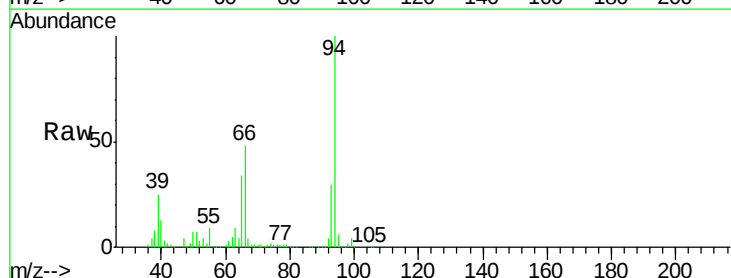
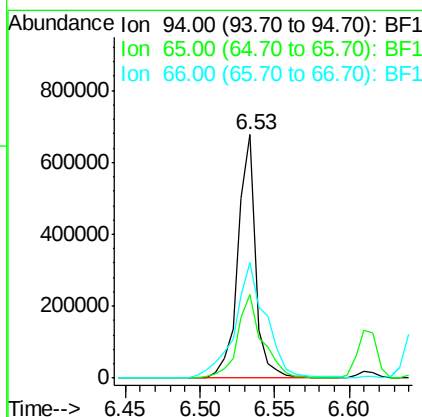
RT: 6.53 min Scan# 756

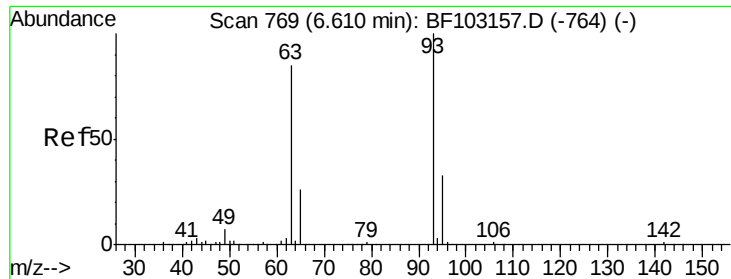
Delta R.T. 0.02 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	94	Resp:	566488
Ion Ratio	Lower	Upper	
94	100		
65	34.4	7.9	47.9
66	47.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.230 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

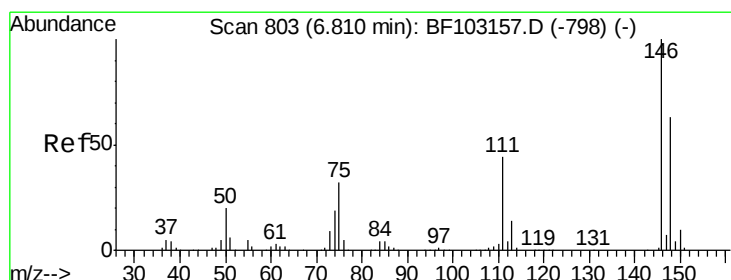
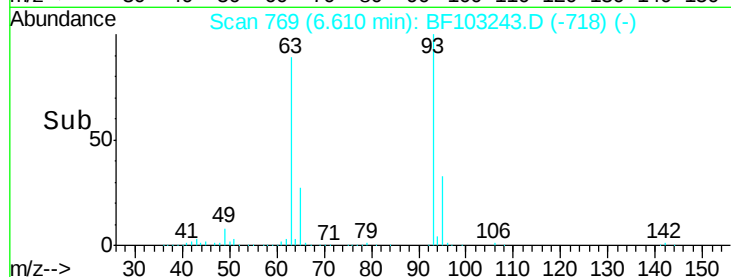
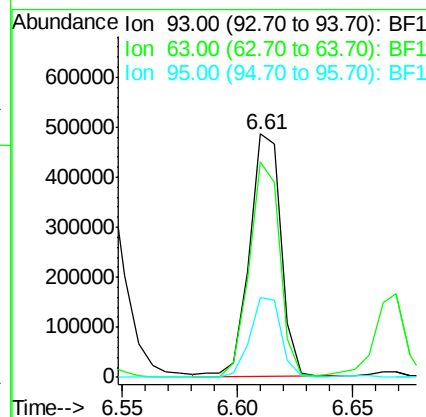
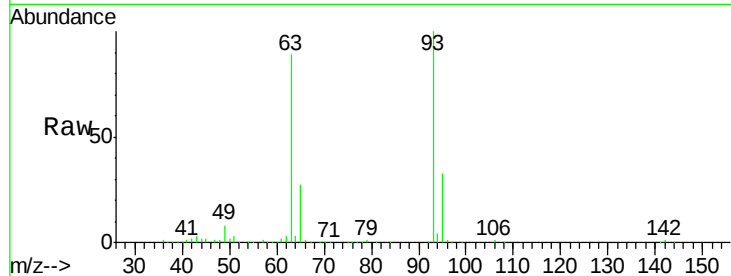
OIL-SEP-EXC-NW@2.5MS

Tot Ion: 93 Resp: 462799

Ion	Ratio	Lower	Upper
93	100		
63	88.6	58.6	98.6
95	32.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.668 ng

RT: 6.82 min Scan# 804

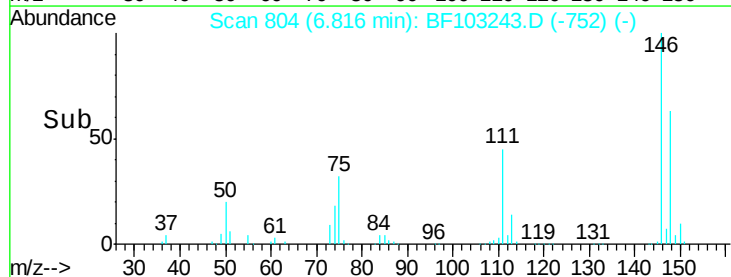
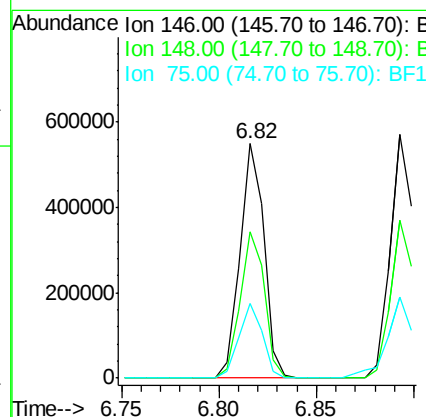
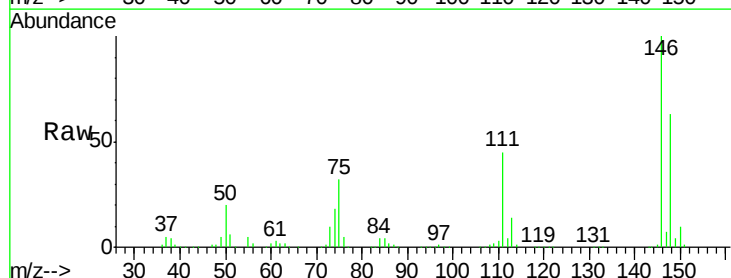
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion: 146 Resp: 468549

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
75	31.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.885 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

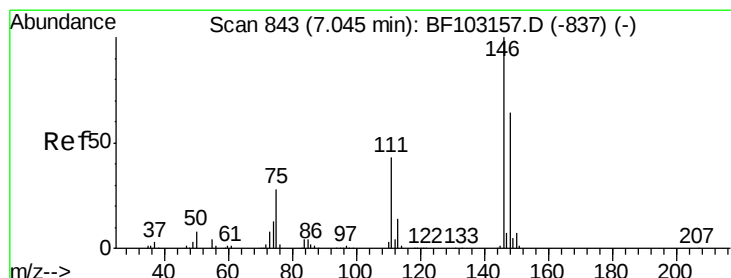
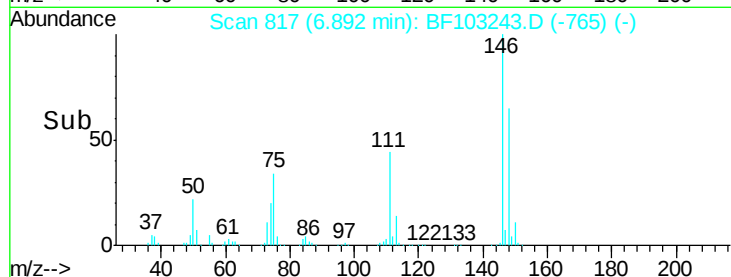
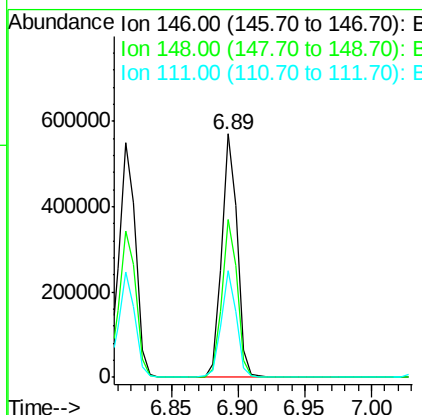
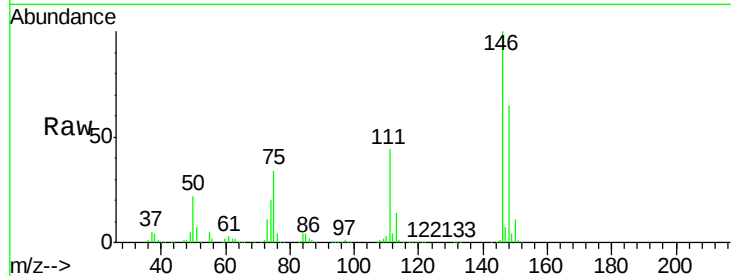
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	146	Resp:	472273
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.8	76.2
111	44.1	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.856 ng

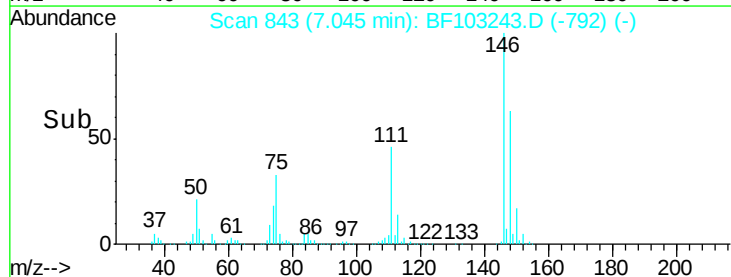
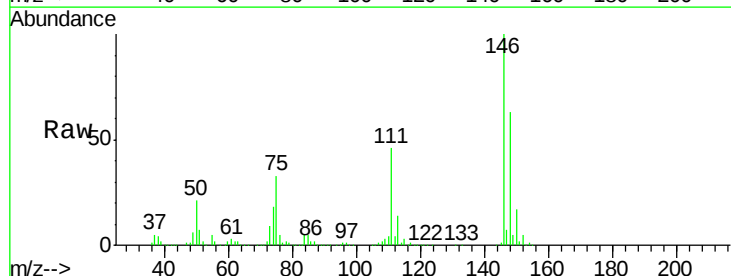
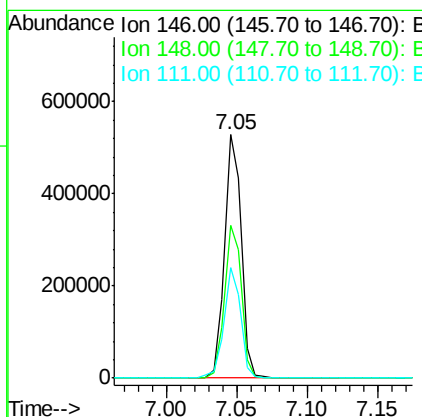
RT: 7.05 min Scan# 843

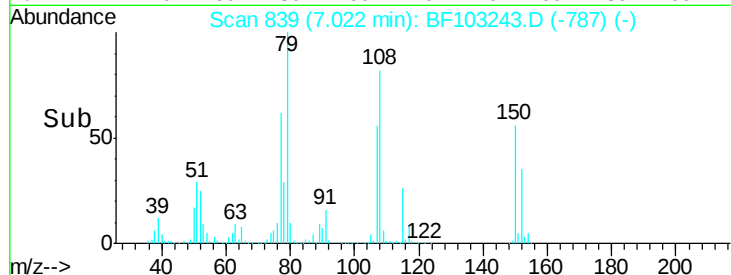
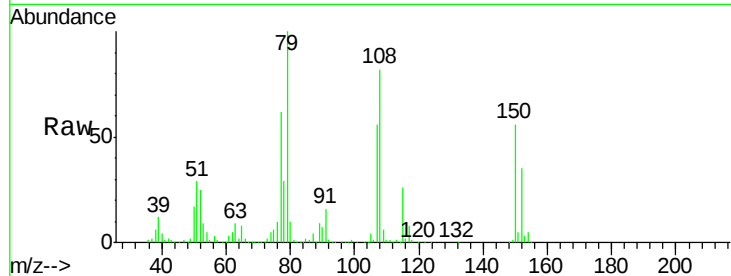
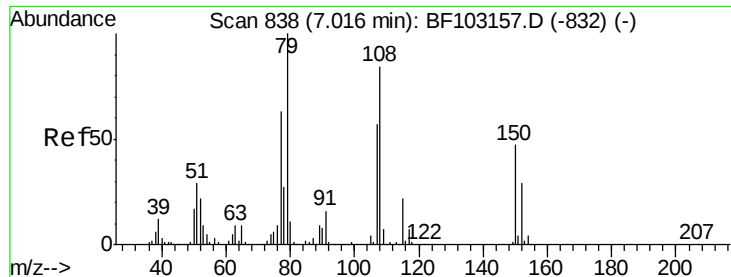
Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	146	Resp:	435160
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	45.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.030 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tot Ion:	79	Resp:	358226
Ion Ratio	Lower	Upper	
79	100		
108	81.9	65.1	97.7
77	62.0	50.6	75.8

Instrument :

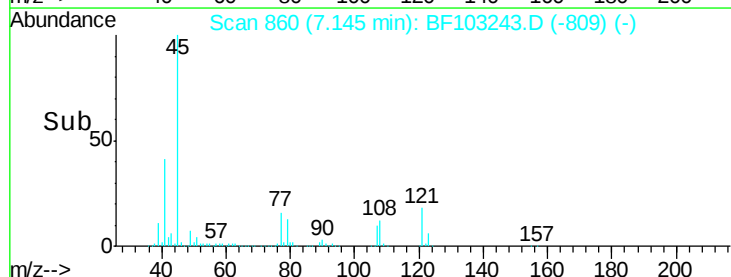
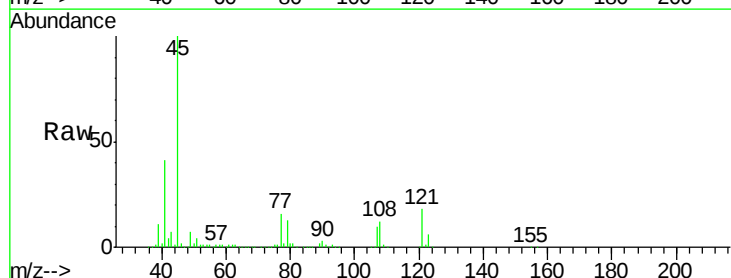
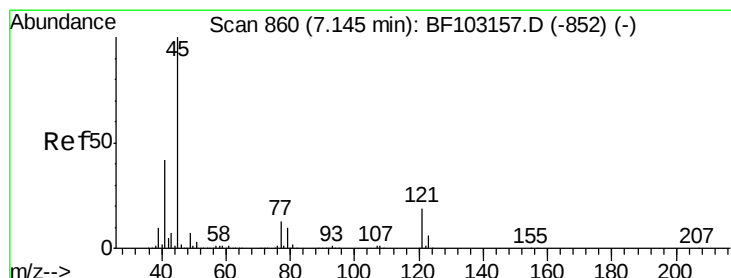
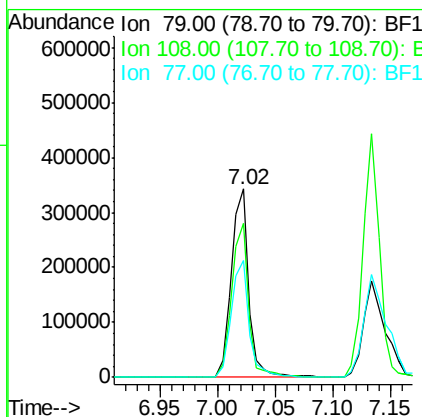
BNA_F

ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.044 ng

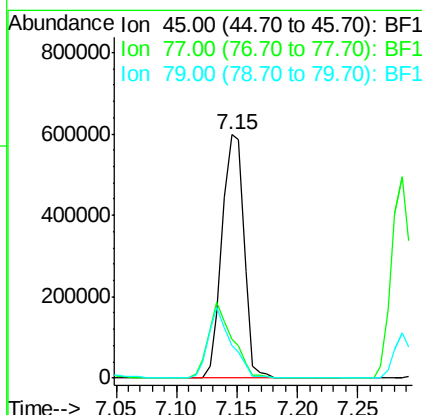
RT: 7.15 min Scan# 860

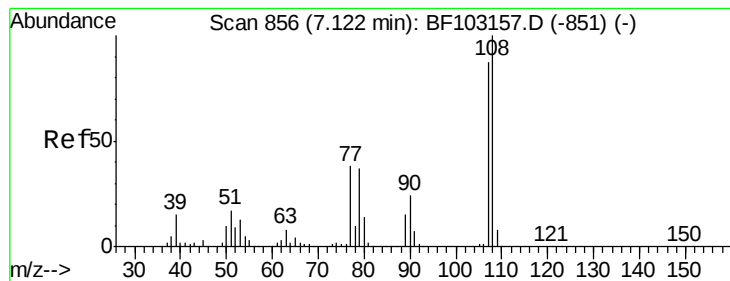
Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	45	Resp:	755435
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	32.9
79	13.4	0.0	29.6





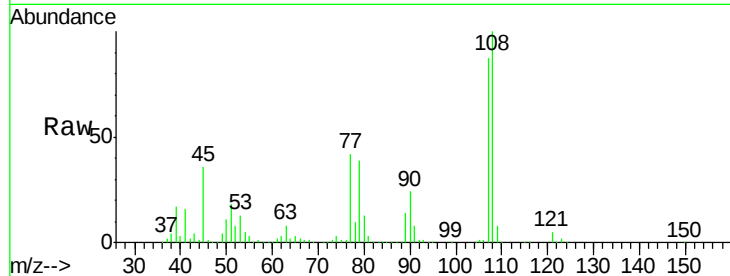
#17
2-Methylphenol
Concen: 41.642 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

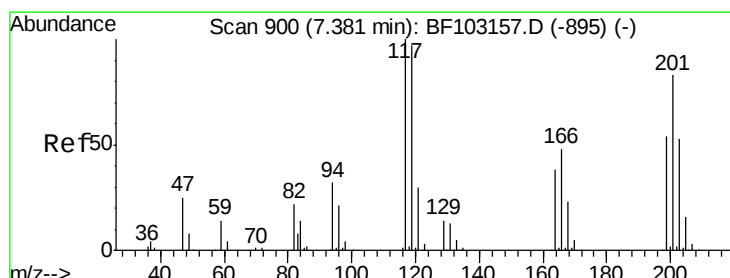
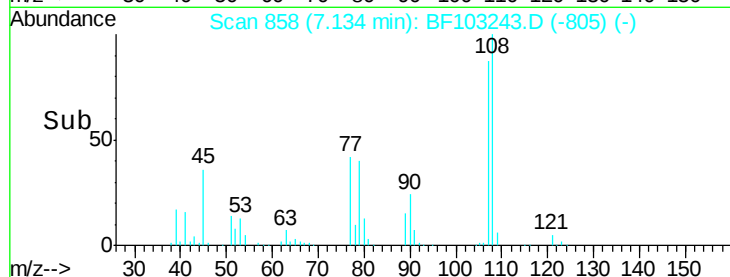
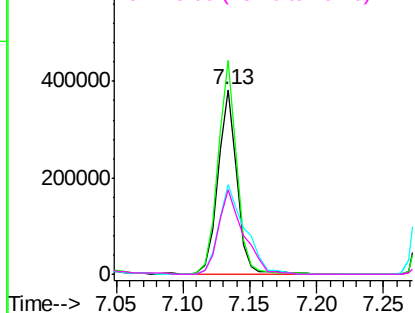
Tot Ion	107	Resp	381528
Ion Ratio	Lower	Upper	
107	100		
108	115.5	91.7	137.5
77	48.6	33.8	50.8
79	45.5	33.8	50.8

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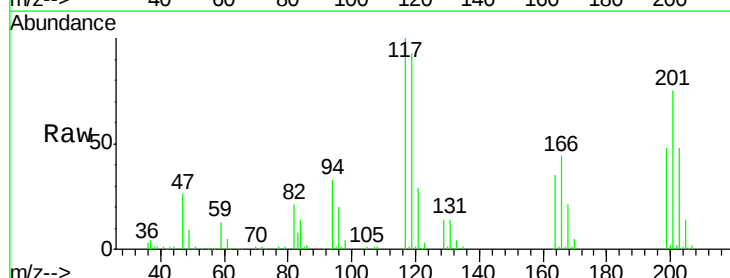


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

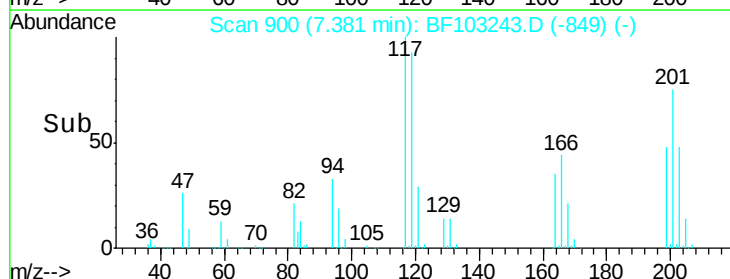
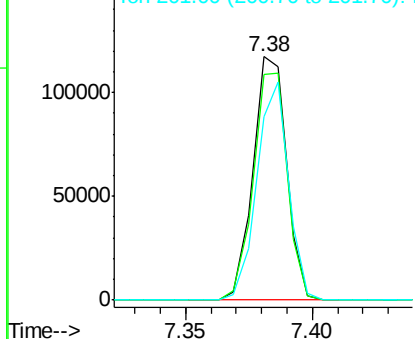


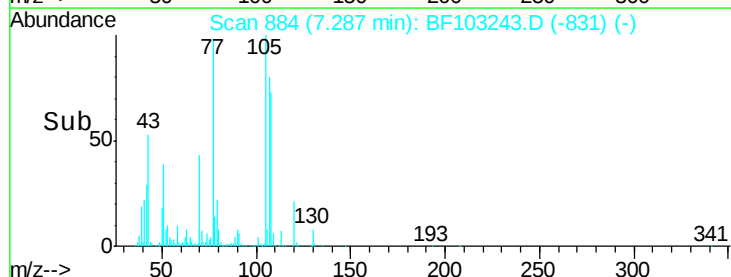
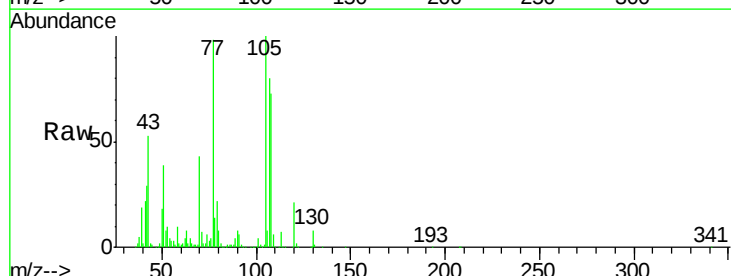
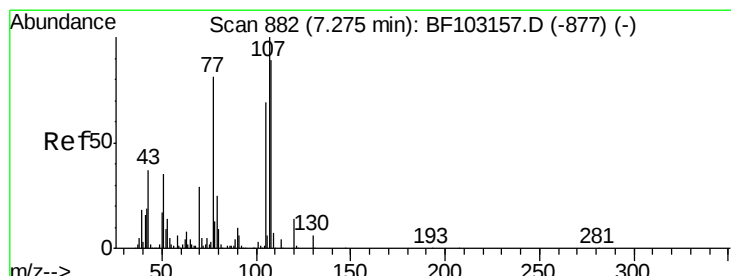
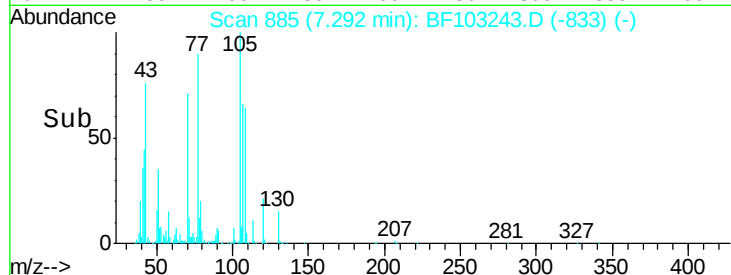
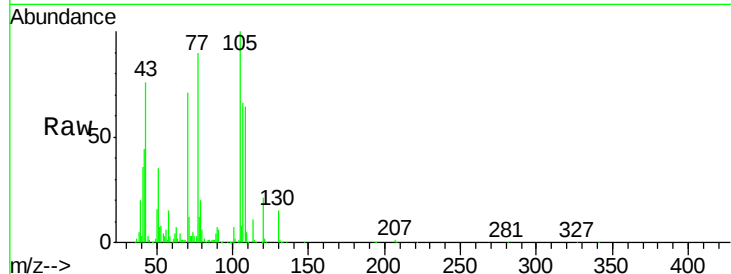
#18
Hexachloroethane
Concen: 25.833 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	117	Resp	108631
Ion Ratio	Lower	Upper	
117	100		
119	92.6	75.8	113.8
201	75.2	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





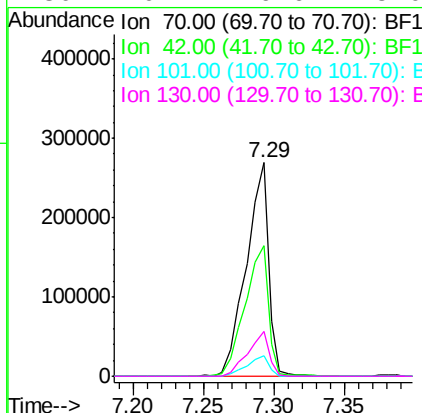
#19
n-Nitroso-di-n-propylamine
Concen: 40.451 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.5	71.3
101	9.5	7.4	11.2
130	20.7	16.6	25.0

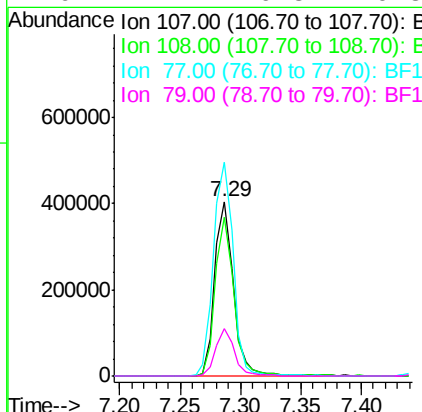
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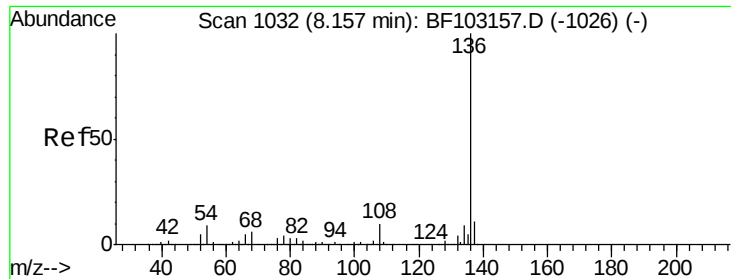
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#20
3+4-Methylphenols
Concen: 38.455 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	122.2	26.7	66.7#
79	27.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

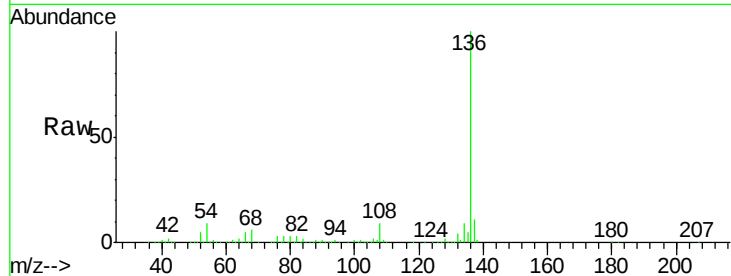
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		596665		
137	10.7		8.9	13.3	
54	8.9		6.6	9.8	
68	6.1		5.0	7.4	

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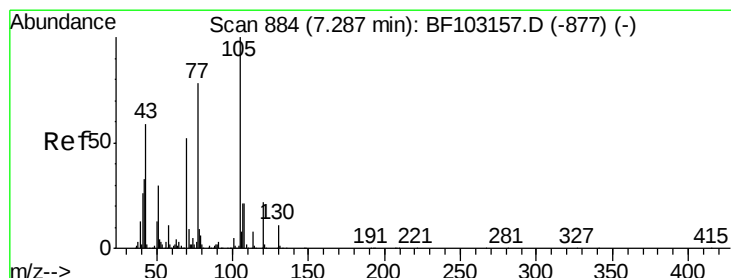
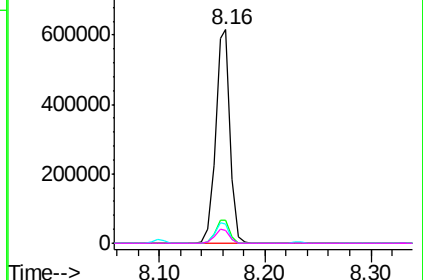
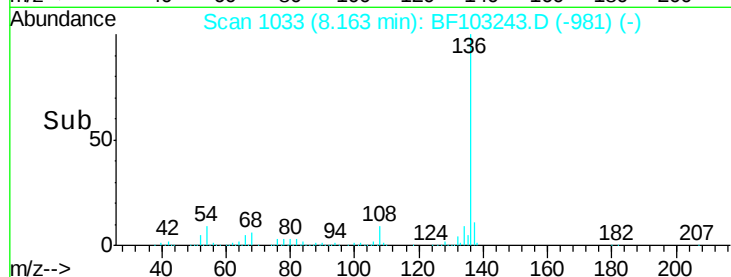


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.521 ng

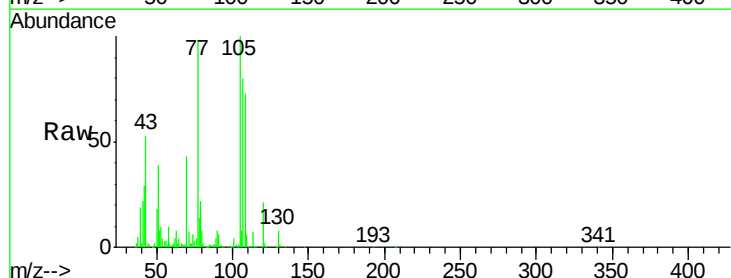
RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		578273		
71	7.5		4.4	6.6#	
51	38.7		22.3	33.5#	
120	21.1		16.9	25.3	

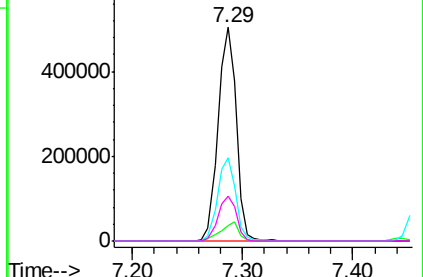
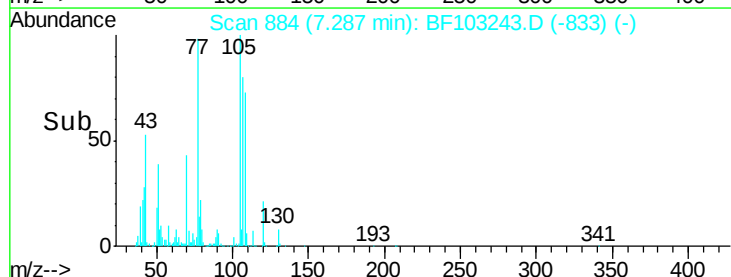


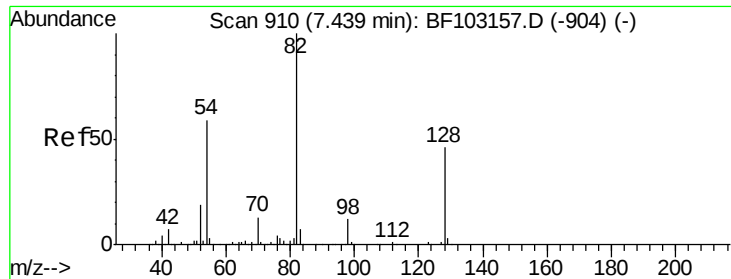
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





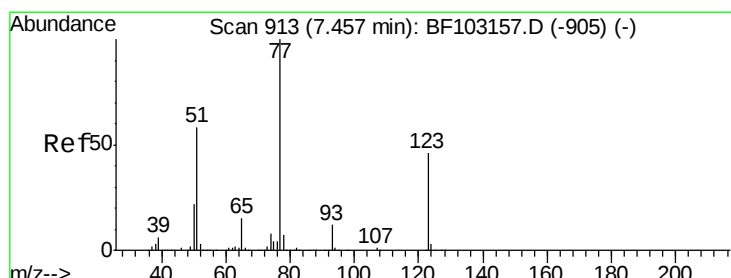
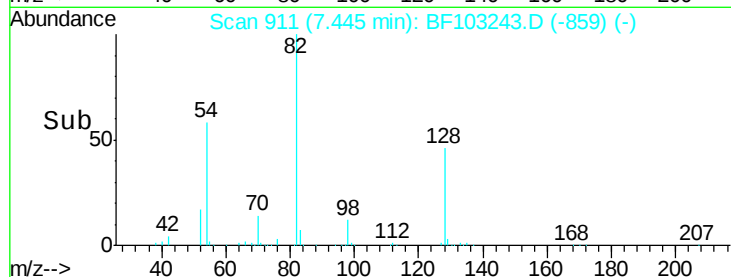
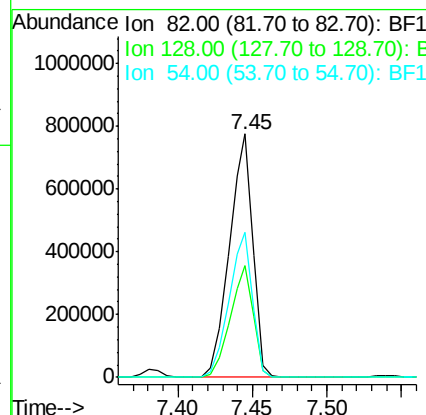
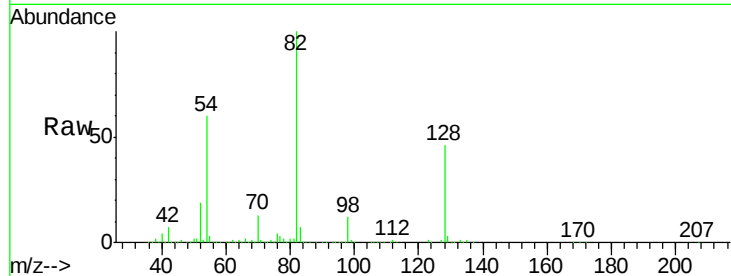
#23
 Nitrobenzene-d5
 Concen: 82.223 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	36.1	54.1	
54	59.7	41.4	62.2	

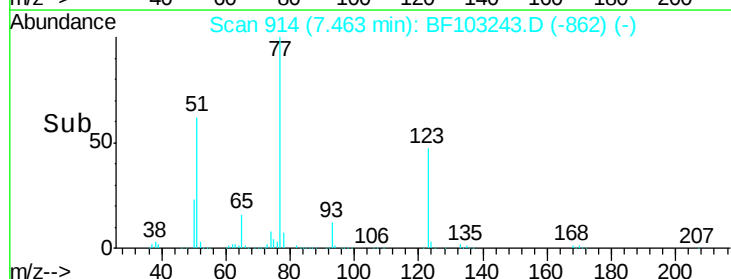
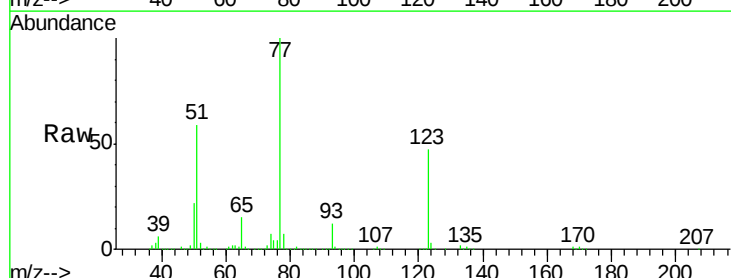
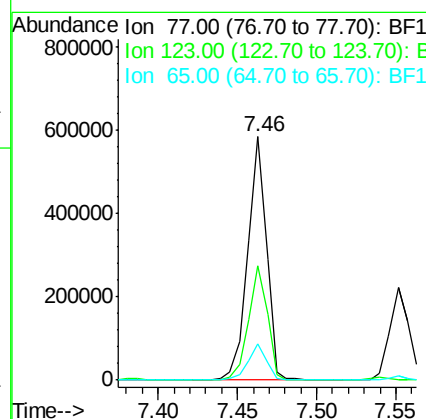
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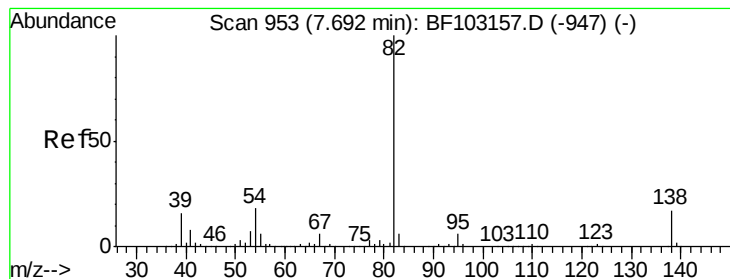
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#24
 Nitrobenzene
 Concen: 41.477 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	37.9	56.9	
65	14.7	11.0	16.4	





#25

Isophorone

Concen: 44.127 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

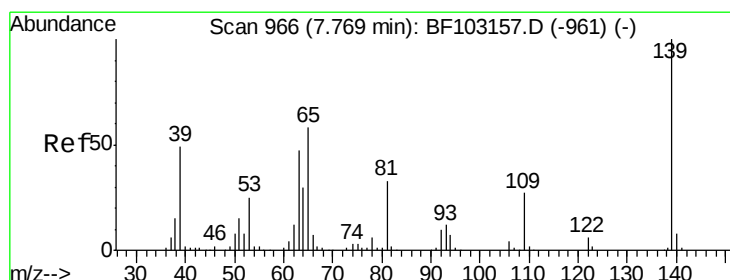
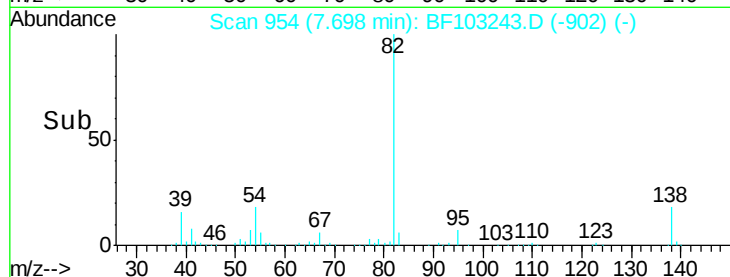
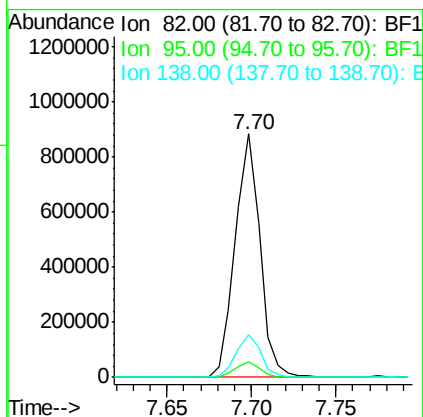
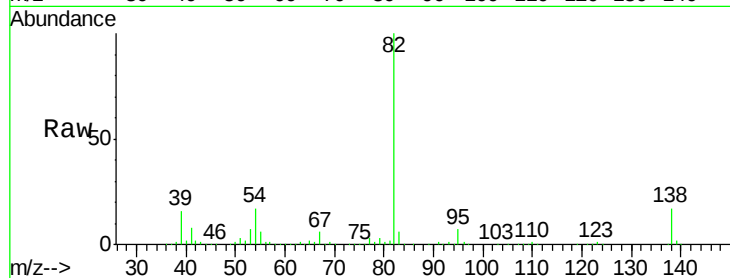
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	82	Resp:	908016
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.668 ng

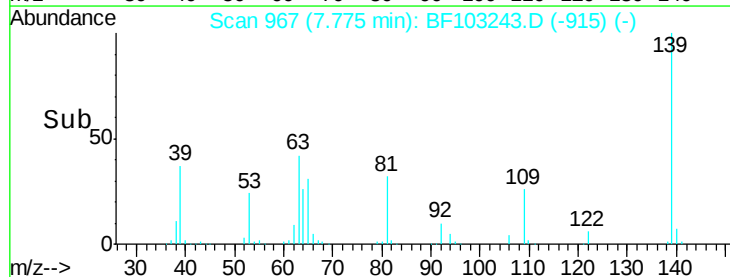
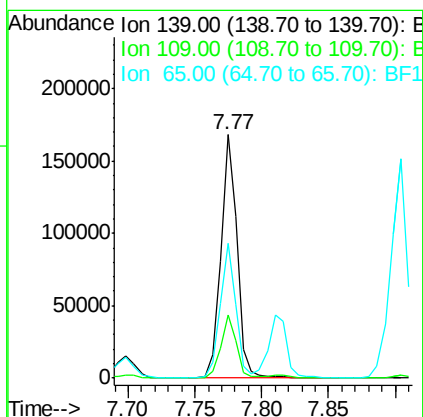
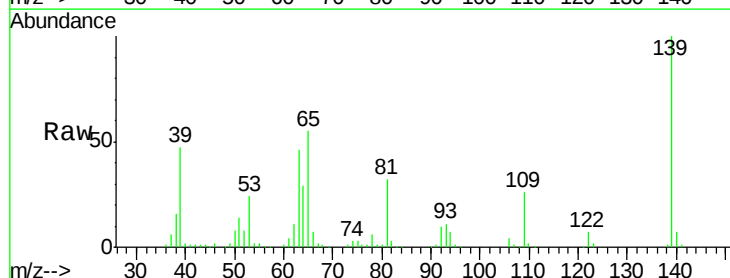
RT: 7.77 min Scan# 967

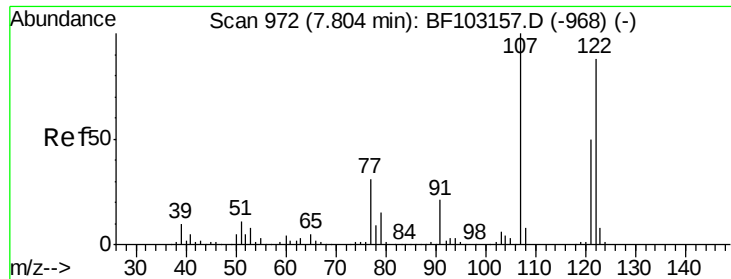
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	139	Resp:	144413
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	55.1	40.5	60.7





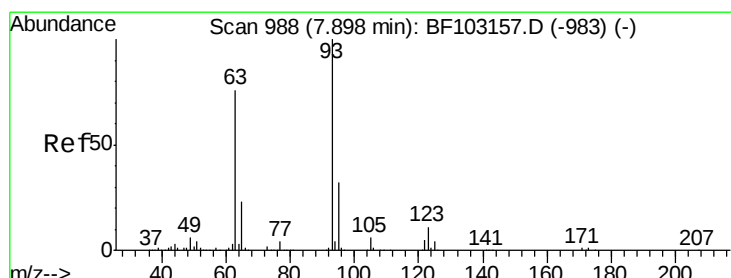
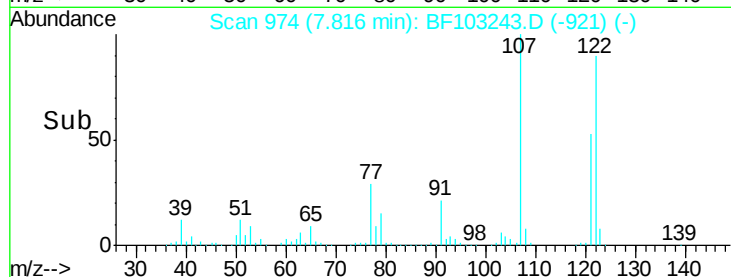
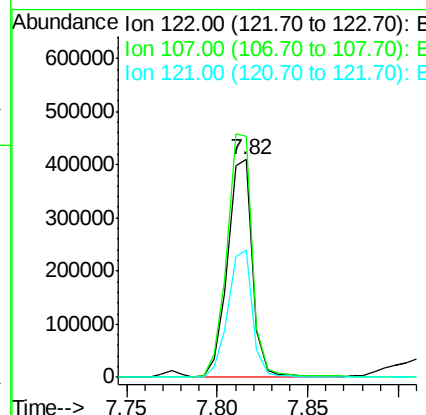
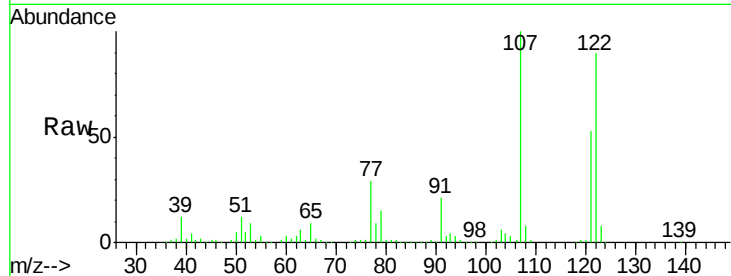
#27
 2,4-Dimethylphenol
 Concen: 47.417 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.6	47.2	70.8

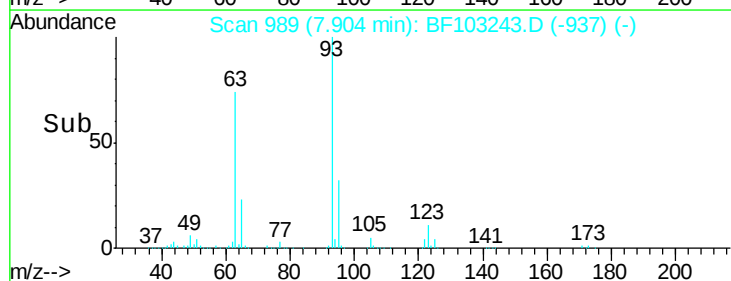
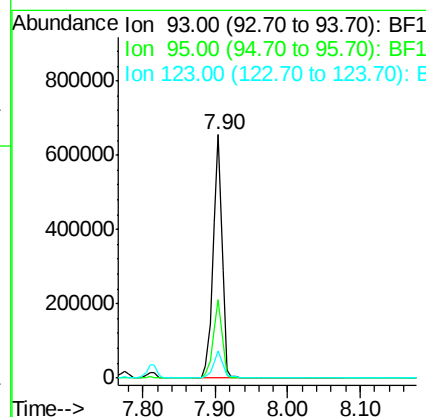
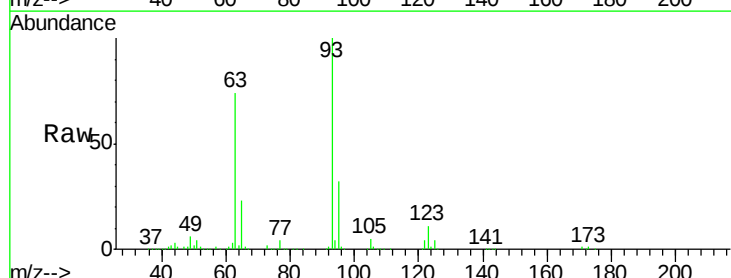
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.718 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.4	9.8	14.6





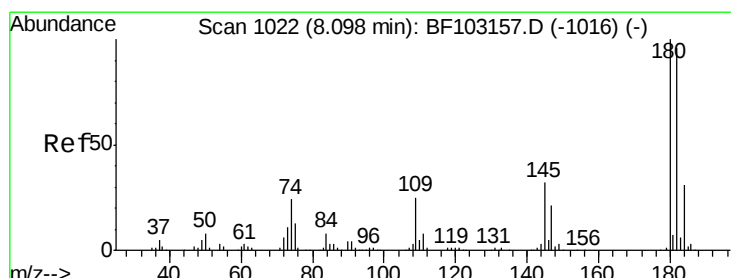
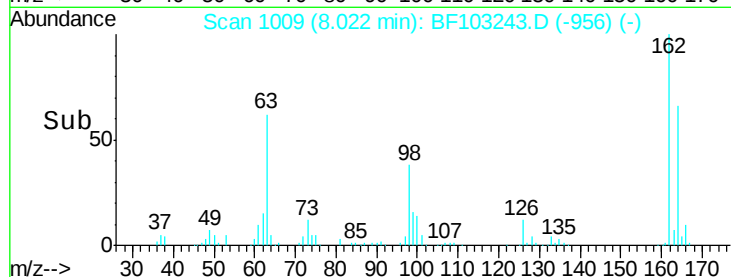
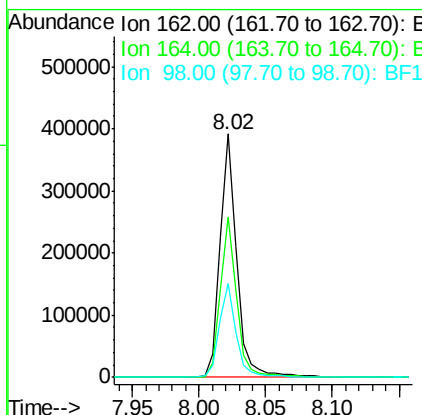
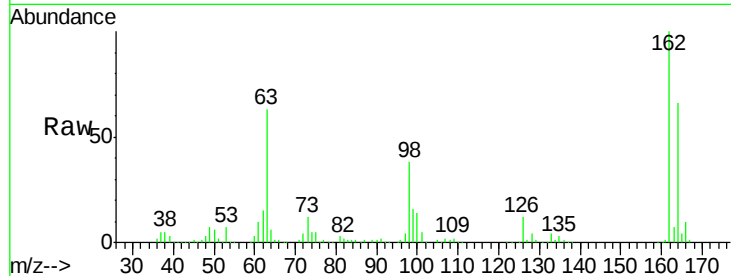
#29
2,4-Dichlorophenol
Concen: 44.160 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	349963		
164	65.8	42.7	82.7	
98	38.4	18.1	58.1	

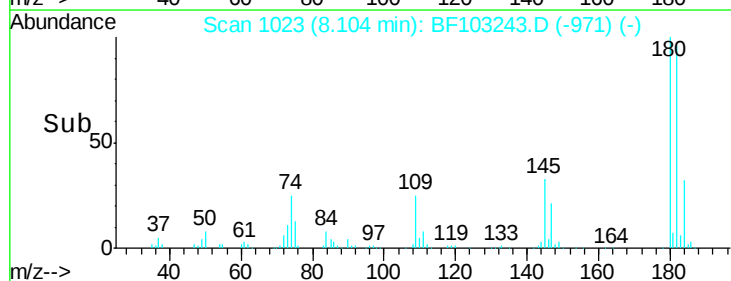
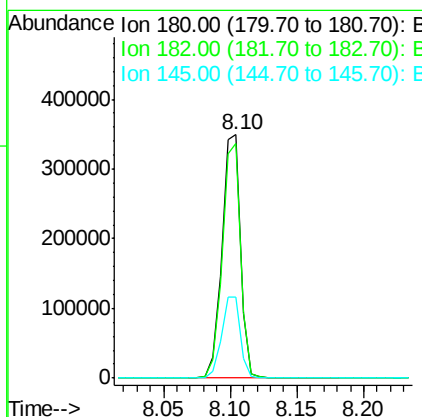
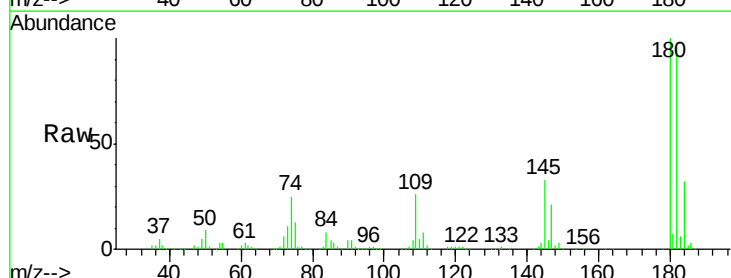
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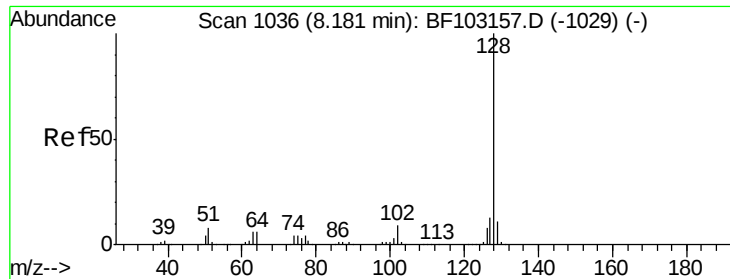
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#30
1,2,4-Trichlorobenzene
Concen: 40.832 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	344585		
182	96.2	76.8	115.2	
145	33.4	26.5	39.7	





#31

Naphthalene

Concen: 41.441 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:128 Resp: 1210560

Ion Ratio Lower Upper

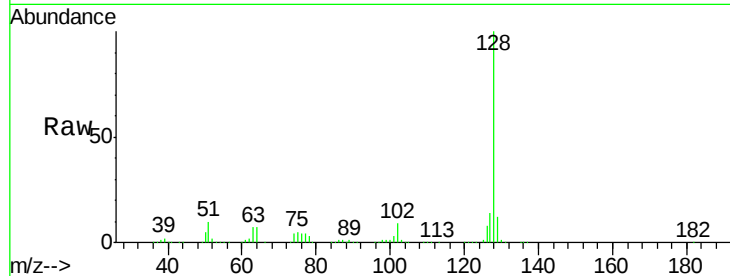
128 100

129 11.7 8.8 13.2

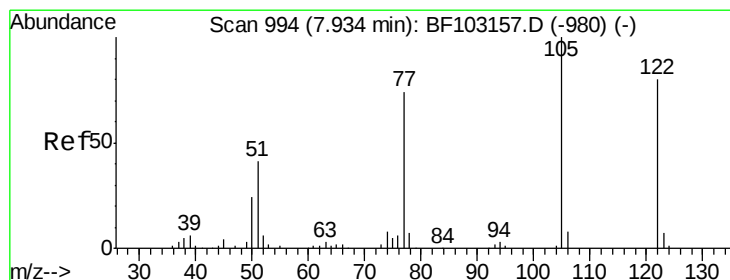
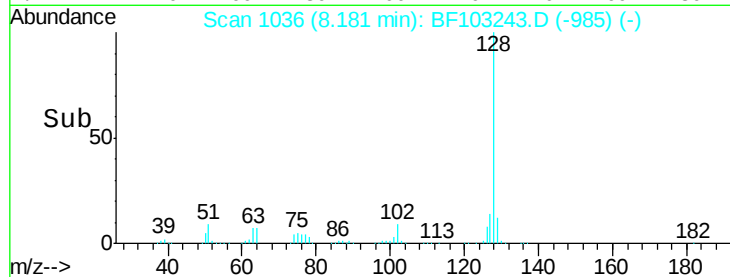
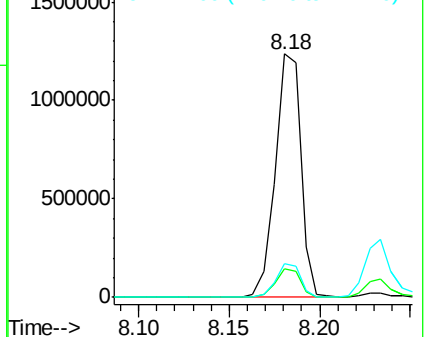
127 13.8 10.9 16.3

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



#32

Benzoic acid

Concen: 19.554 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

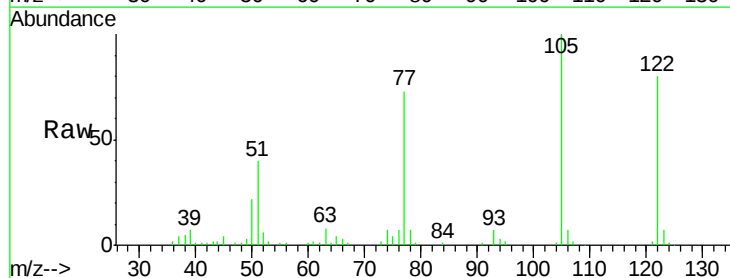
Tgt Ion:122 Resp: 90685

Ion Ratio Lower Upper

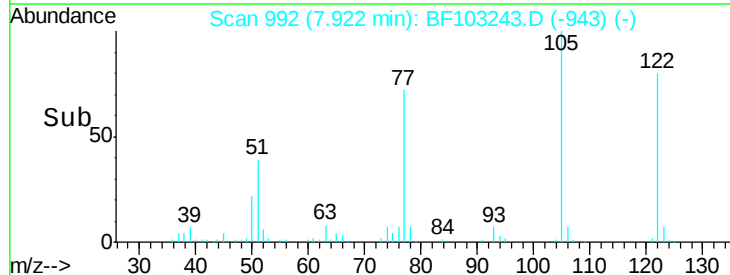
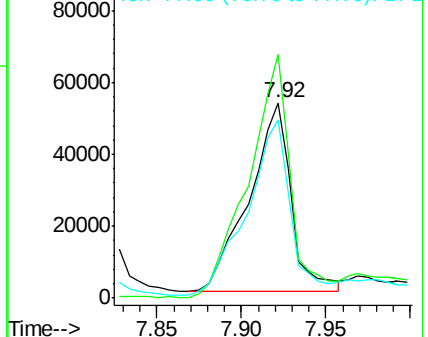
122 100

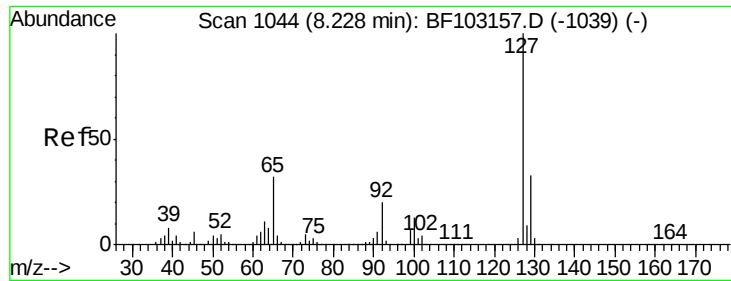
105 124.7 101.1 141.1

77 91.4 70.7 110.7



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





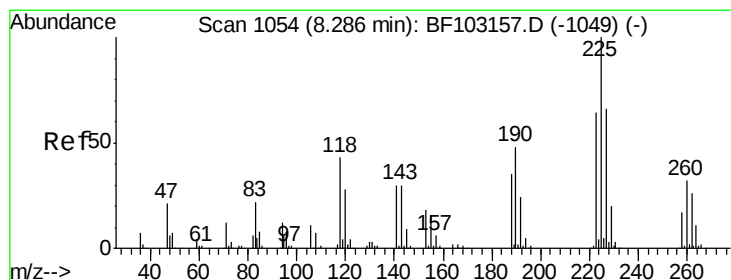
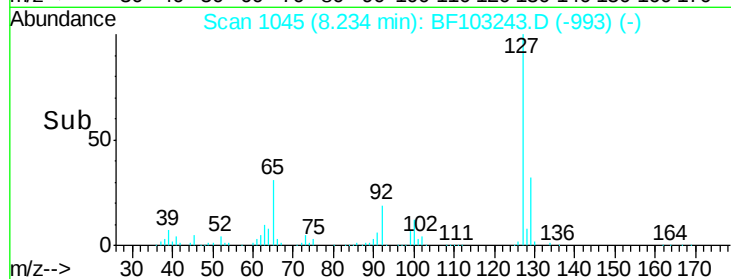
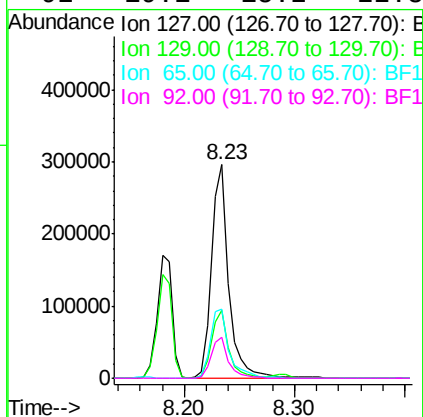
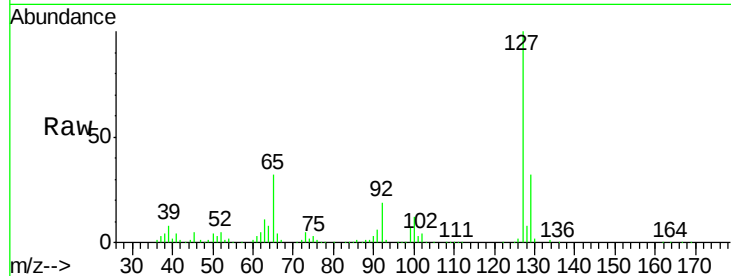
#33
4-Chloroaniline
Concen: 24.763 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
312149	127	100			
	129	32.0	25.9	38.9	
	65	32.1	25.0	37.4	
	92	19.1	15.2	22.8	

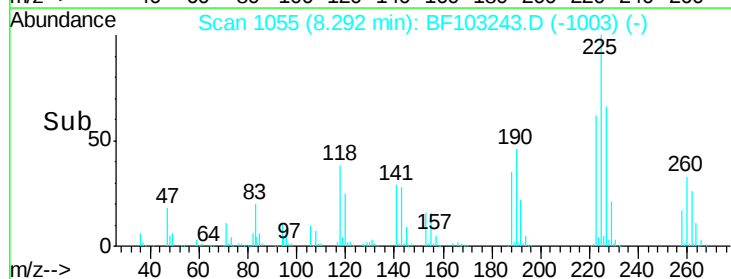
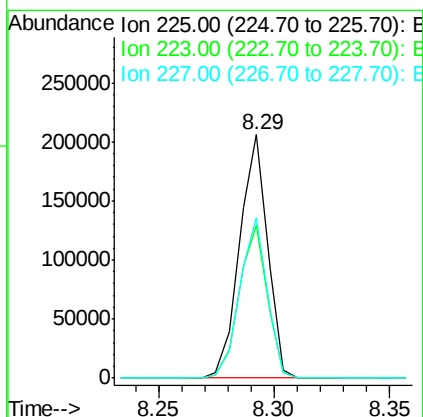
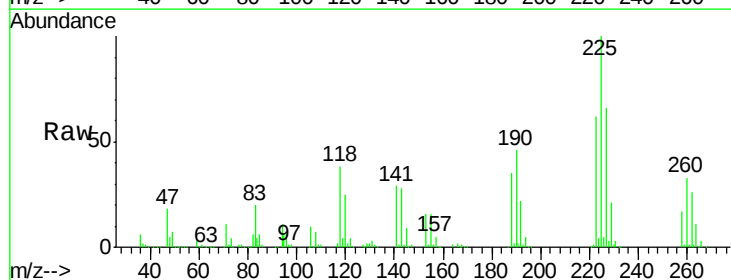
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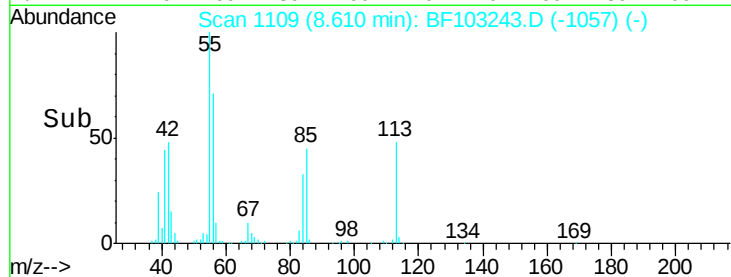
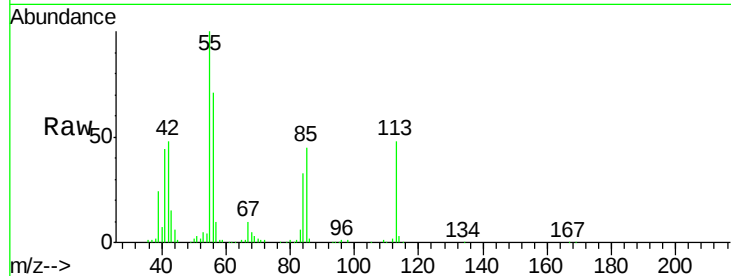
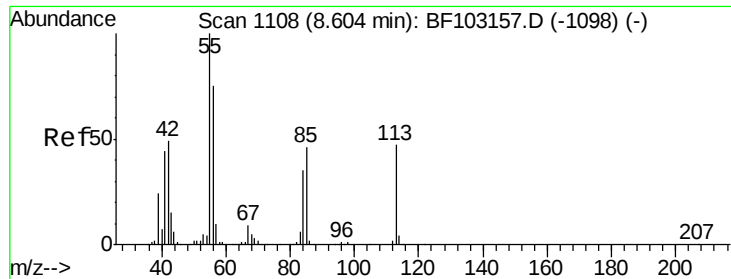
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#34
Hexachlorobutadiene
Concen: 39.713 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
174525	225	100			
	223	62.5	50.6	76.0	
	227	65.7	51.9	77.9	





#35

Caprolactam

Concen: 45.821 ng/ml

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	207.9	127621	163.3	203.3#
56	148.4		115.7	155.7

Instrument :

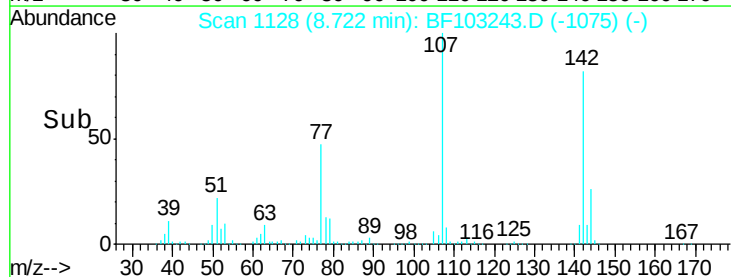
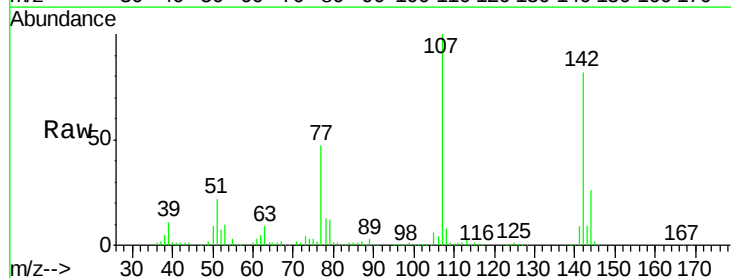
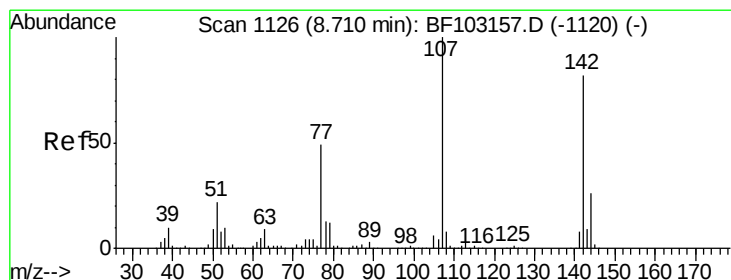
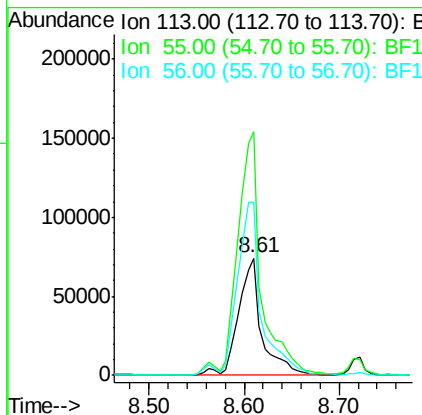
BNA_F

ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

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#36

4-Chloro-3-methylphenol

Concen: 42.807 ng/ml

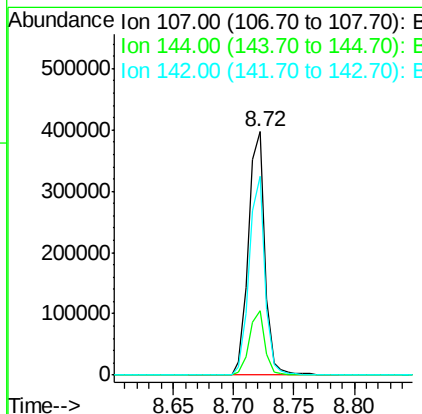
RT: 8.72 min Scan# 1128

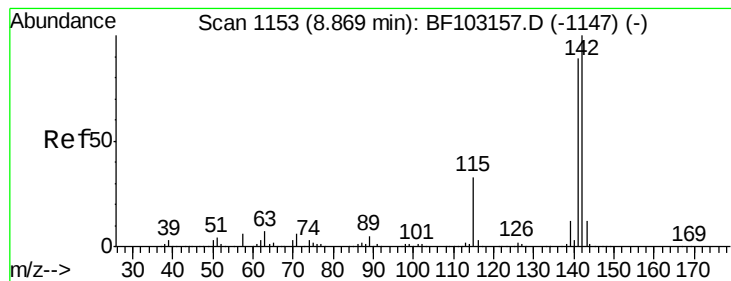
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	382637		
144	26.3		20.5	30.7
142	81.9		62.0	93.0





#37

2-Methylnaphthalene

Concen: 40.909 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

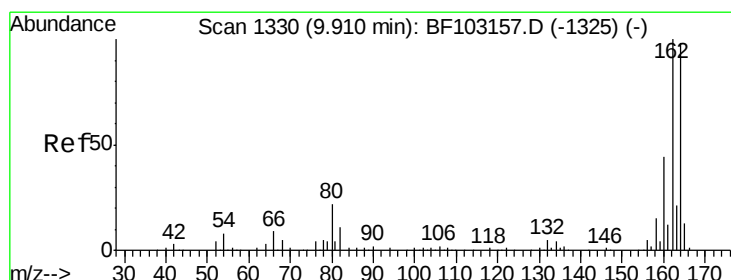
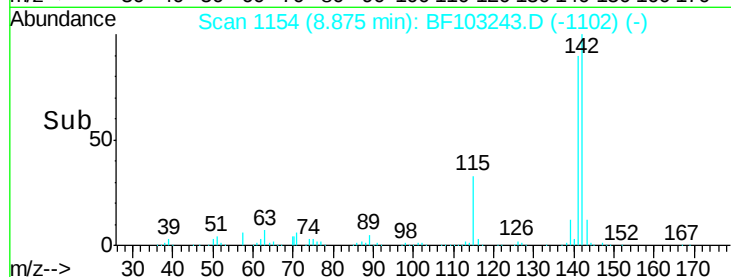
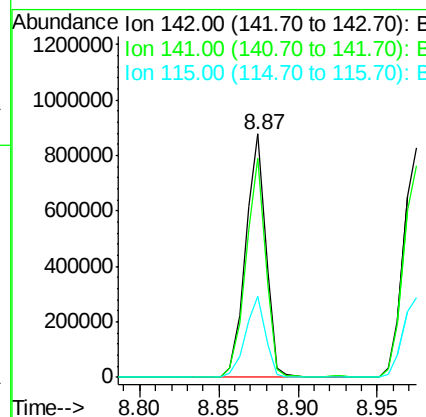
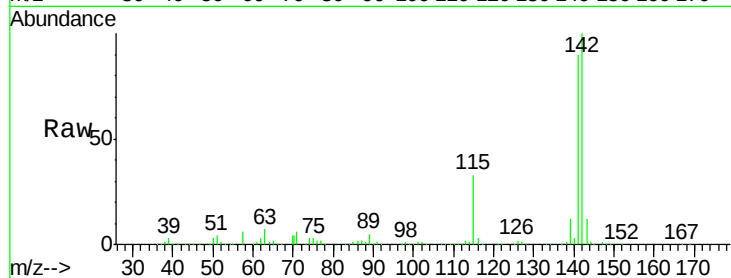
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	142	Resp:	772314
Ion Ratio	Lower	Upper	
142	100		
141	90.3	70.8	106.2
115	33.3	26.1	39.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

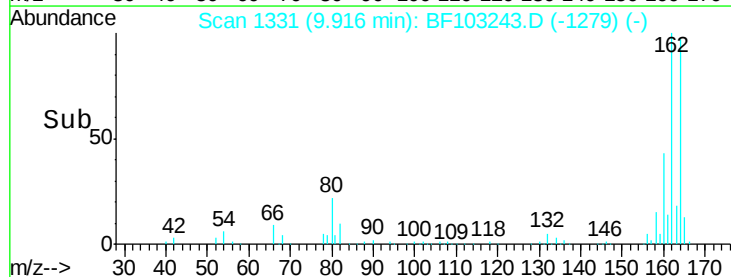
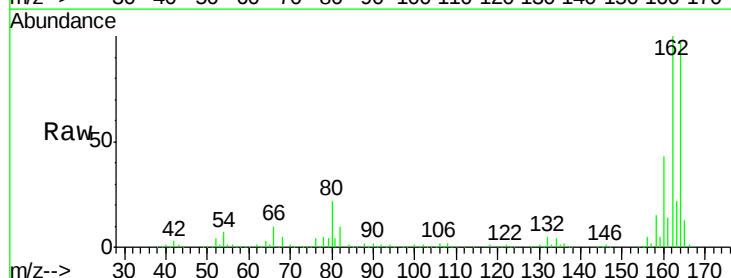
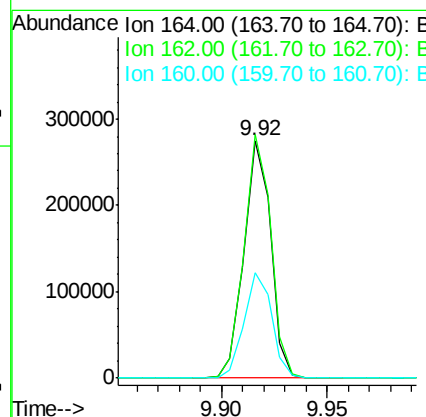
RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	164	Resp:	240241
Ion Ratio	Lower	Upper	
164	100		
162	102.6	86.1	129.1
160	44.2	38.3	57.5





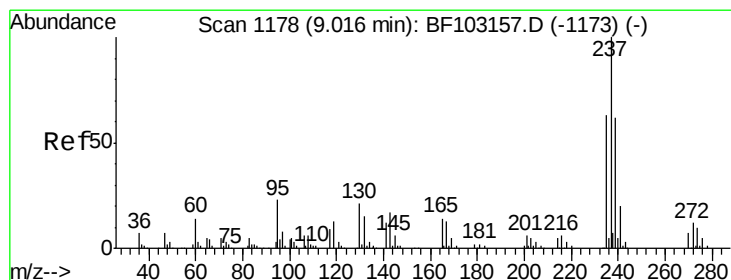
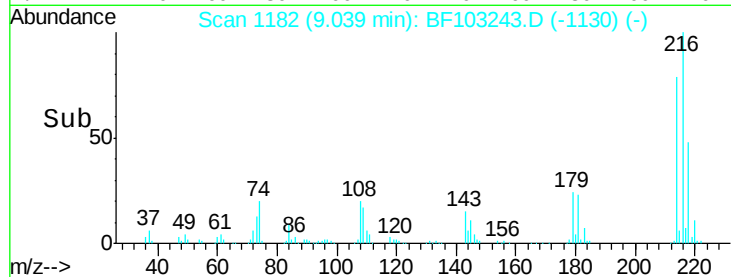
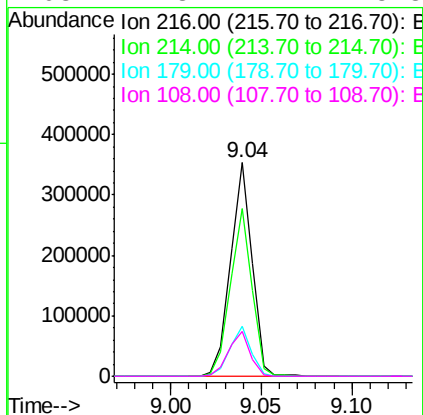
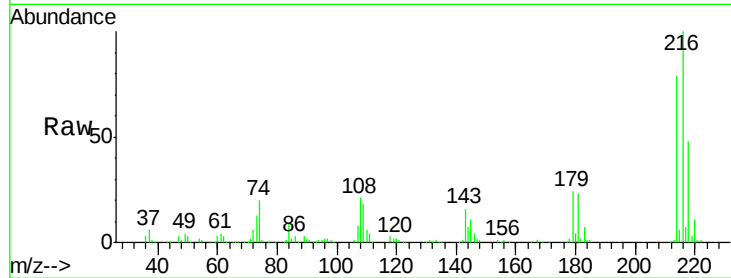
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.609 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	23.3	18.1	27.1
108	21.3	17.2	25.8

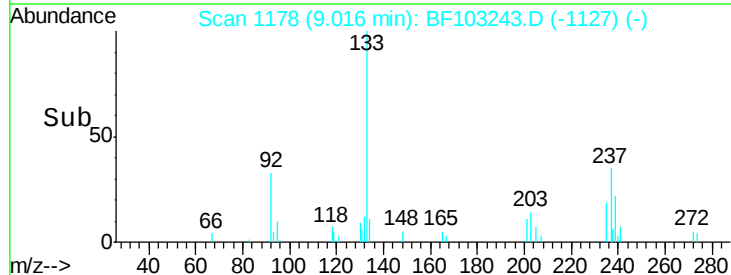
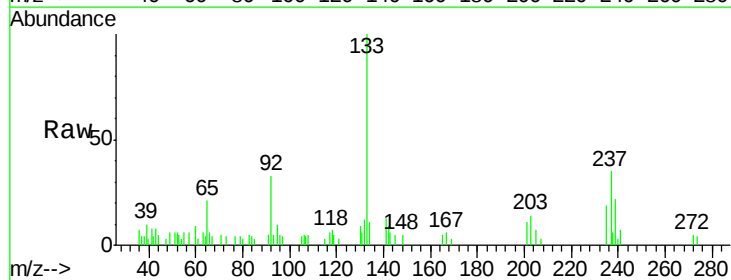
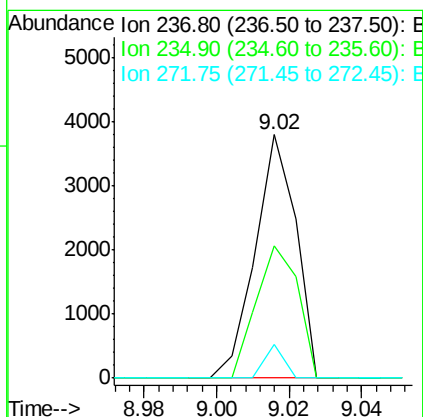
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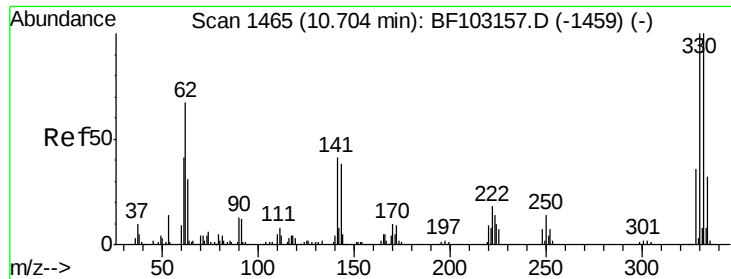
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#40
 Hexachlorocyclopentadiene
 Concen: 10.011 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	54.3	44.8	84.8
272	13.8	0.0	33.3





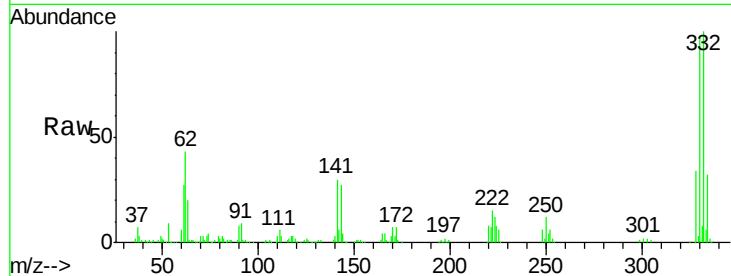
#41
 2,4,6-Tribromophenol
 Concen: 99.696 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202733		
332	103.6	77.0	115.6	
141	40.8	29.9	44.9	

Manual Integrations
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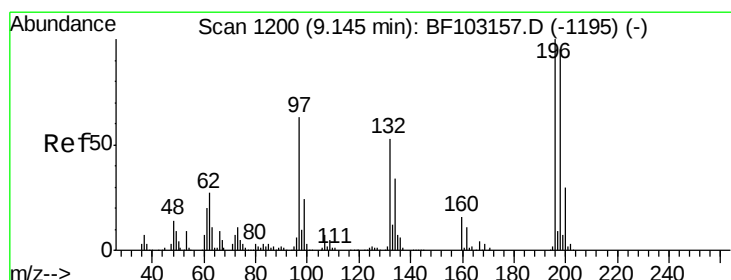
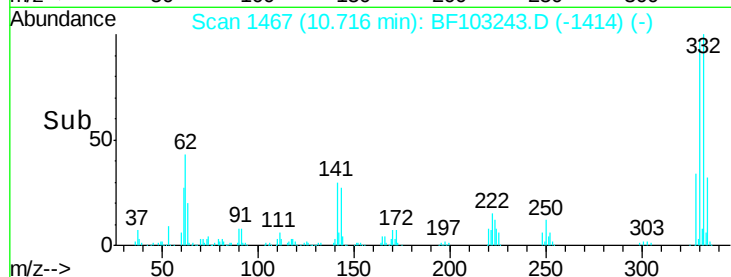
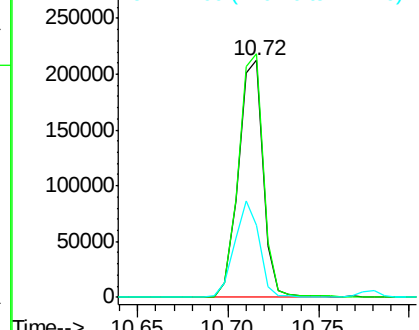


Abundance

Ion 329.80 (329.50 to 330.50): E

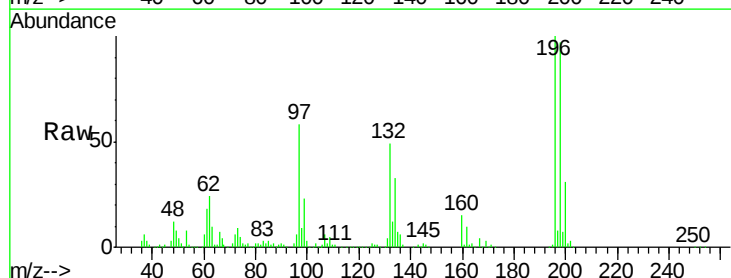
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.891 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202803		
198	96.9	75.7	113.5	
200	31.4	24.5	36.7	

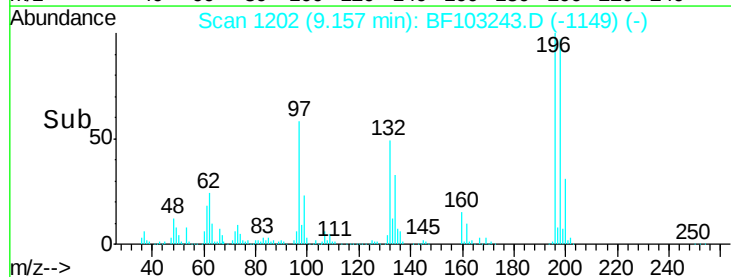
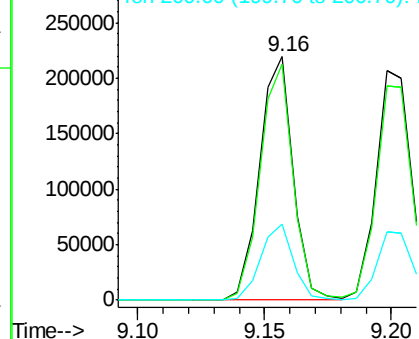


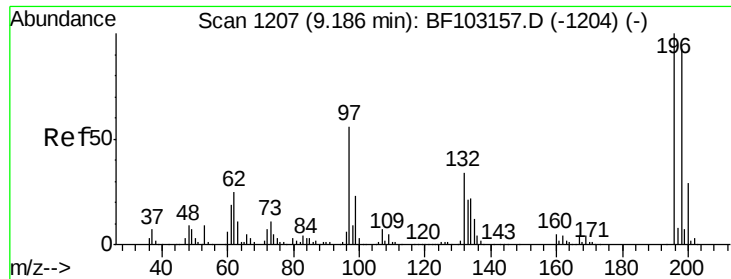
Abundance

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





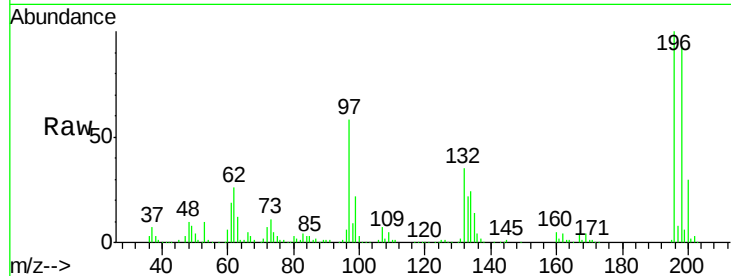
#43
2,4,5-Trichlorophenol
Concen: 41.061 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		208703		
198	93.2	74.6	112.0		
97	57.8	42.9	64.3		
132	35.3	26.3	39.5		

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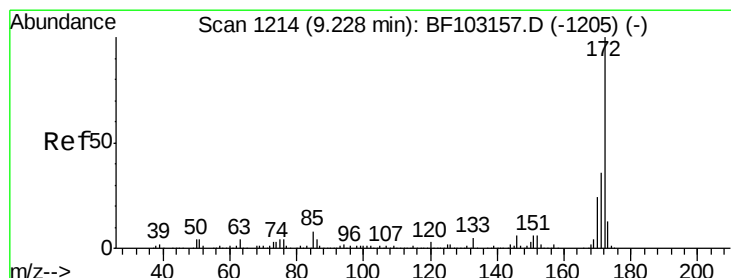
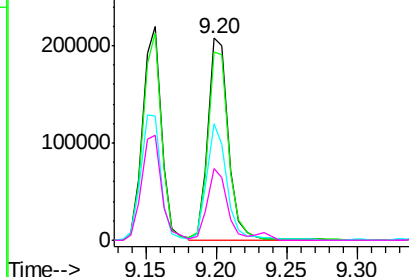
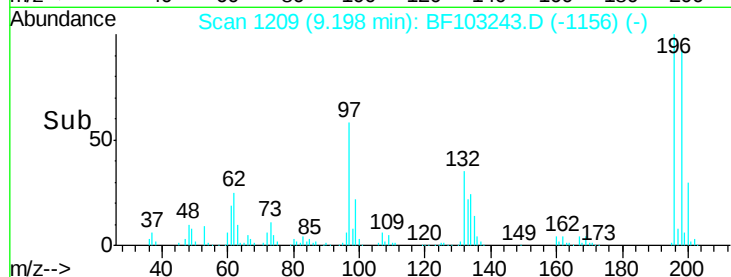
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

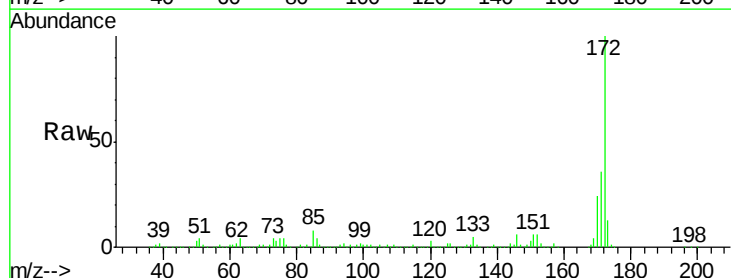
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 78.248 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1112248		
171	36.3	29.7	44.5		
170	24.4	19.6	29.4		

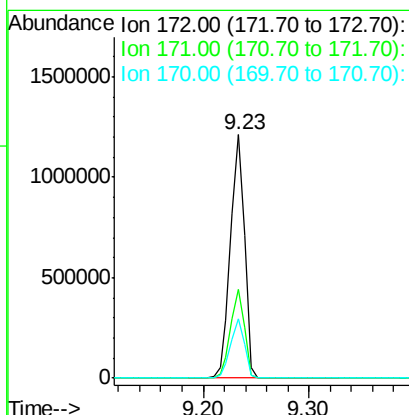
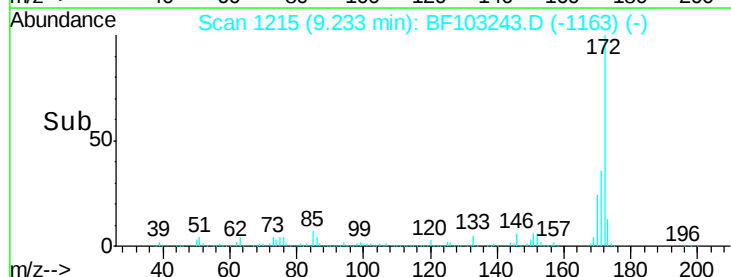


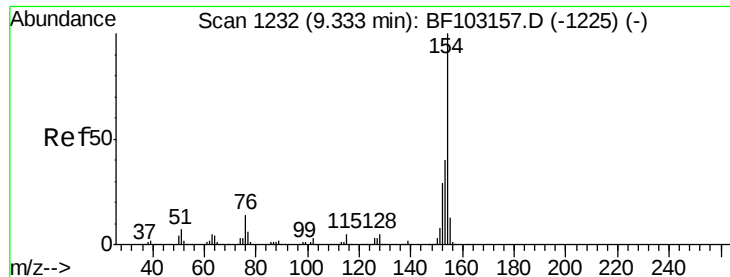
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.047 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

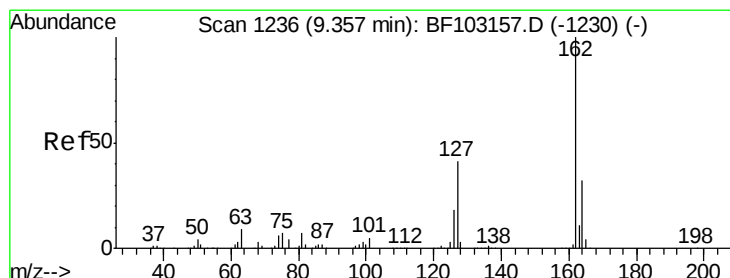
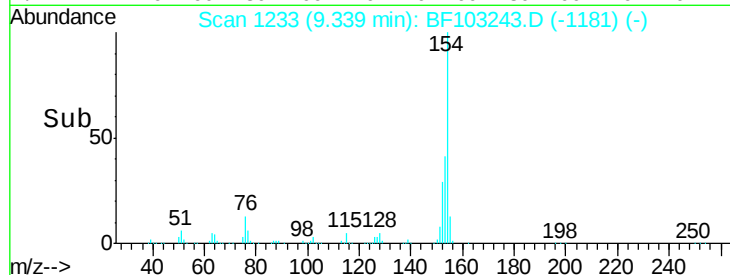
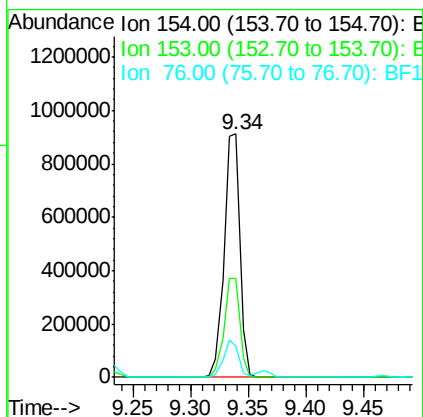
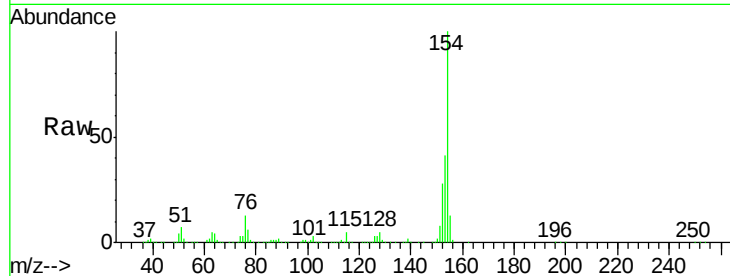
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	154	Resp:	866574
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	12.8	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 43.087 ng

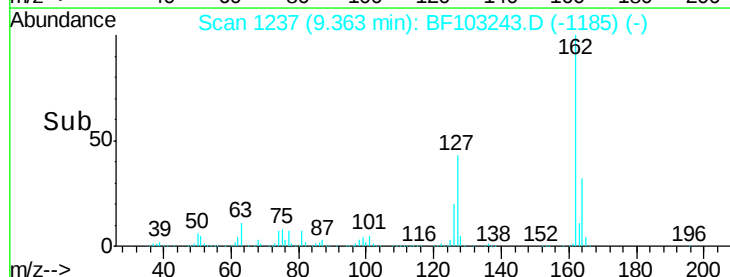
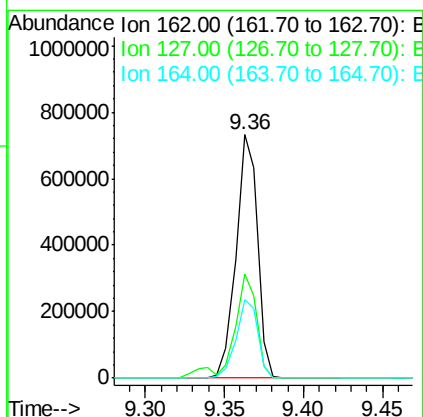
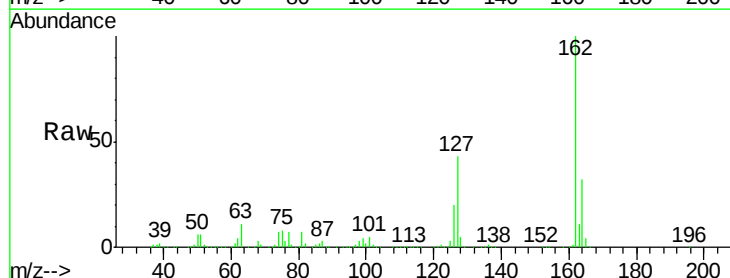
RT: 9.36 min Scan# 1237

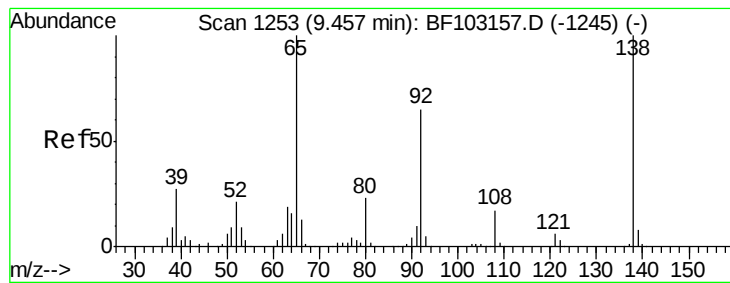
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	162	Resp:	686216
Ion Ratio	Lower	Upper	
162	100		
127	42.6	33.9	50.9
164	32.1	26.5	39.7





#47

2-Nitroaniline

Concen: 50.105 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

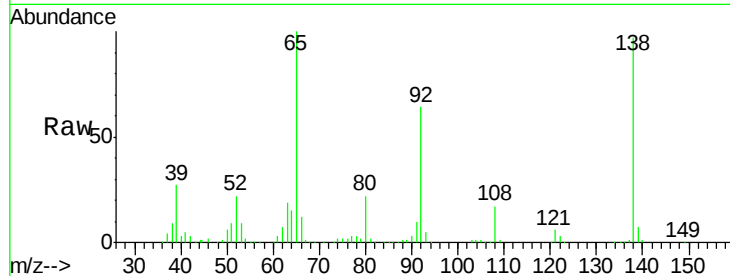
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

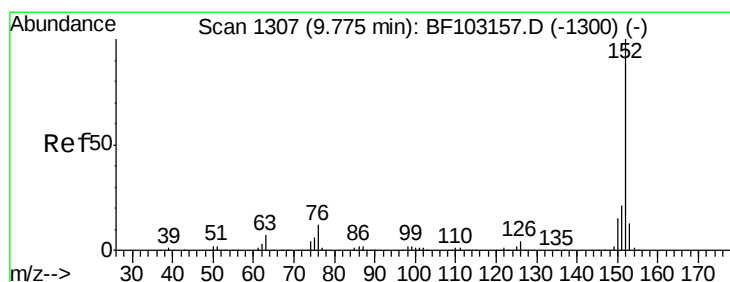
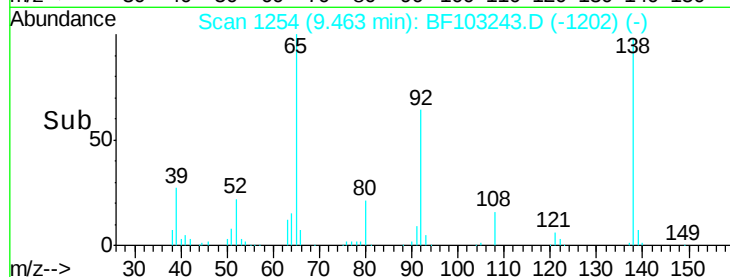
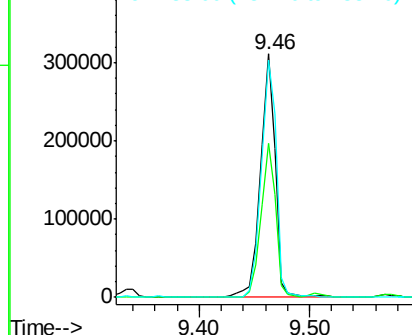
Tot Ion:	65	Resp:	295593
Ion Ratio	Lower	Upper	
65	100		
92	63.5	55.8	83.6
138	97.3	91.2	136.8

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



#48

Acenaphthylene

Concen: 40.944 ng

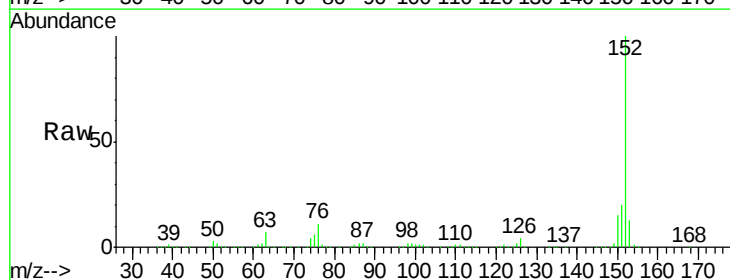
RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

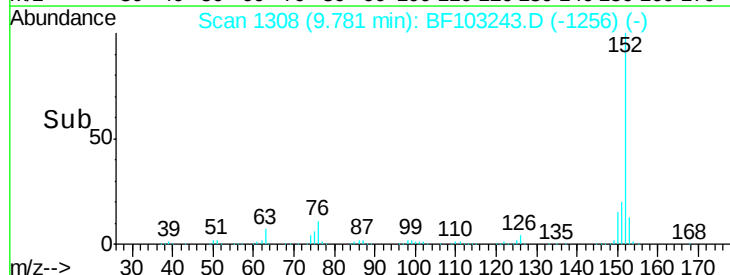
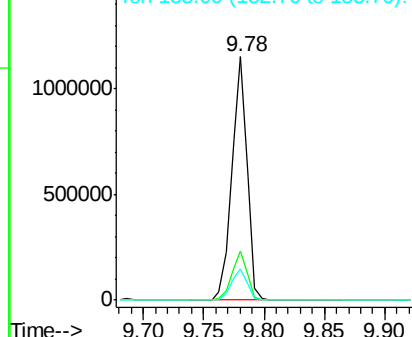
Lab File: BF103243.D

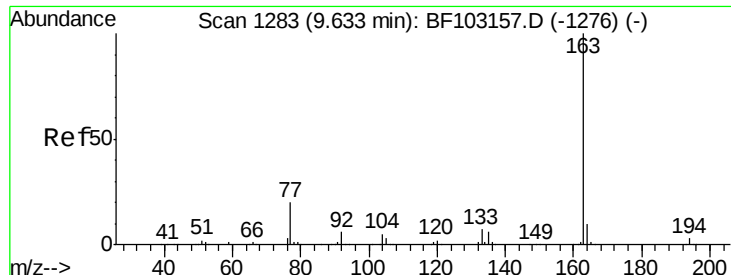
Acq: 27 Feb 2018 2:48

Tgt Ion:	152	Resp:	1003314
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.0	10.7	16.1



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





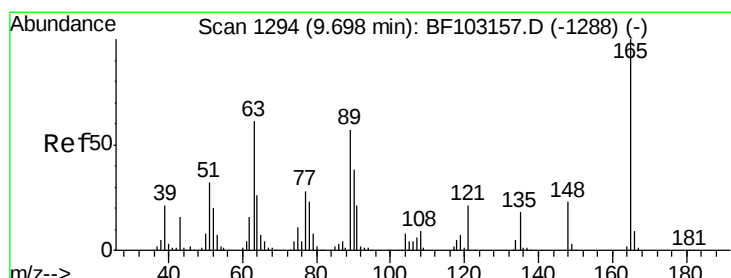
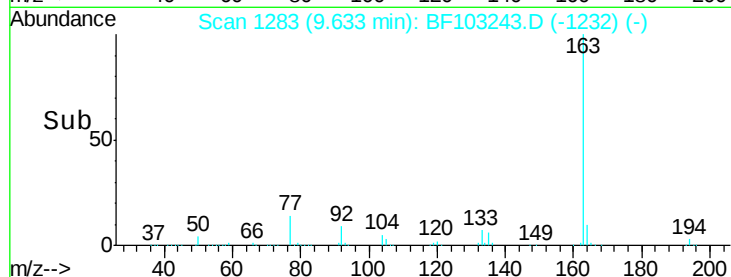
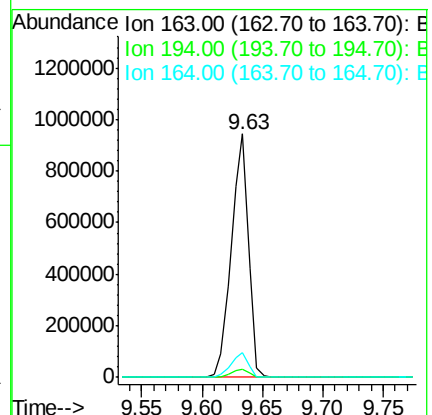
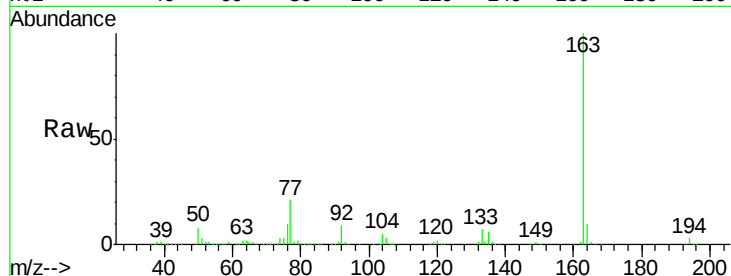
#49
Dimethylphthalate
Concen: 47.923 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.1	8.2	12.2	

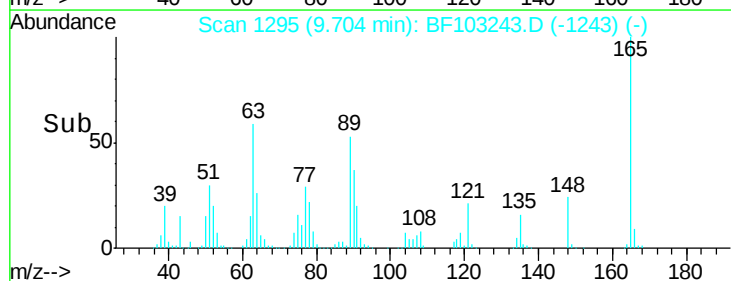
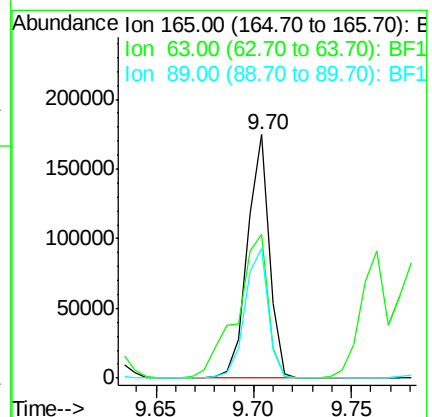
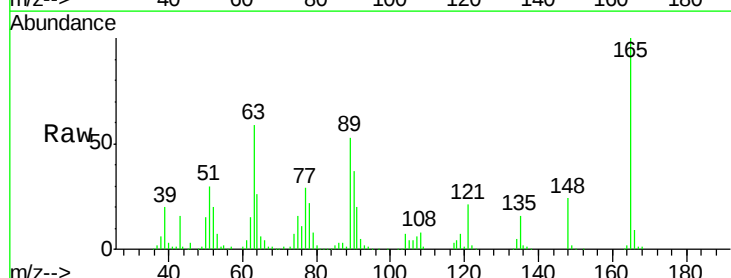
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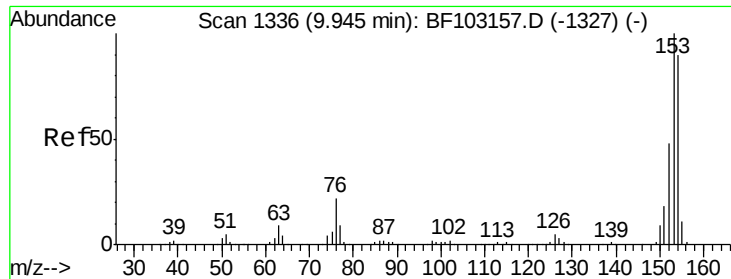
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#50
2,6-Dinitrotoluene
Concen: 33.493 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.9	44.7	67.1	
89	53.4	44.0	66.0	





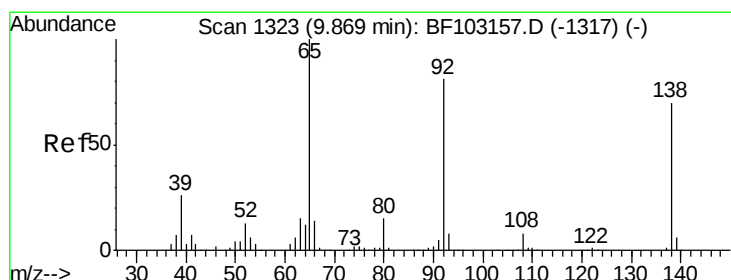
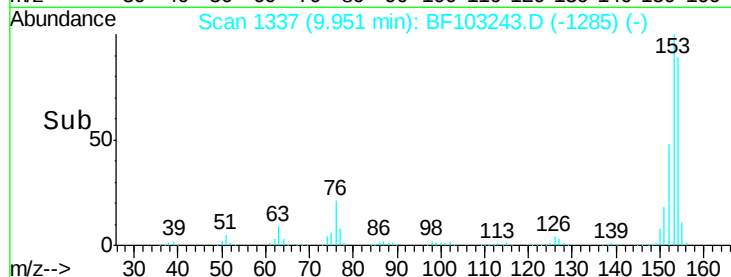
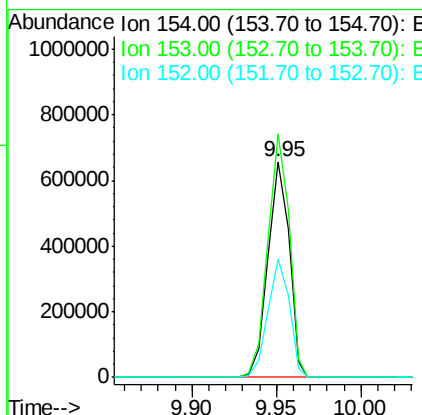
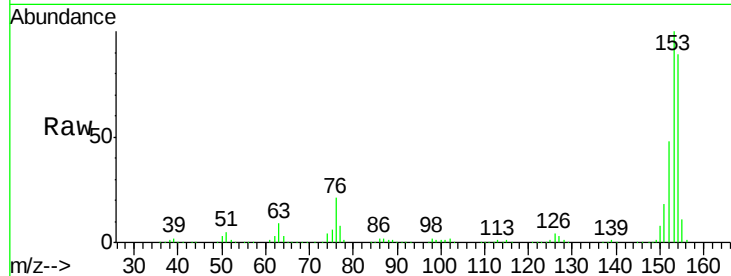
#51
Acenaphthene
Concen: 40.255 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.6	43.8	65.8

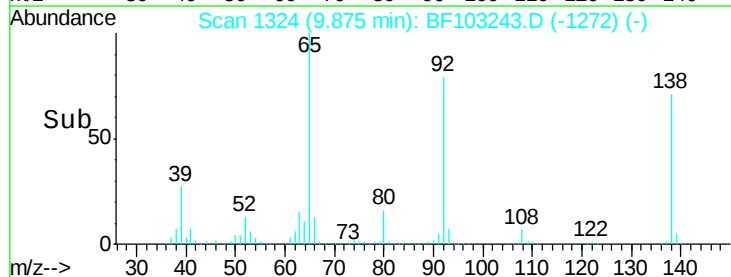
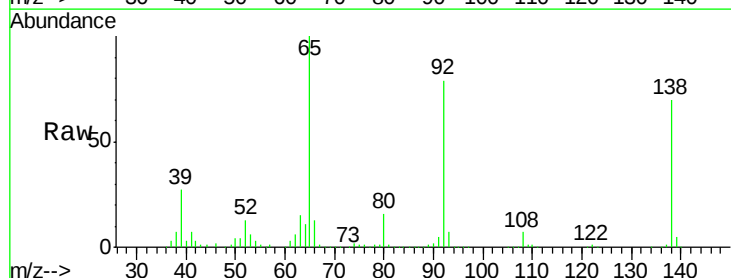
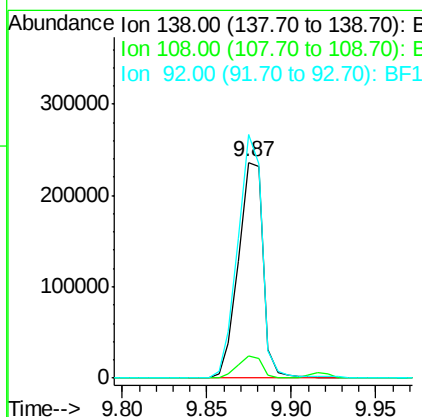
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#52
3-Nitroaniline
Concen: 47.289 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	112.7	89.4	134.2





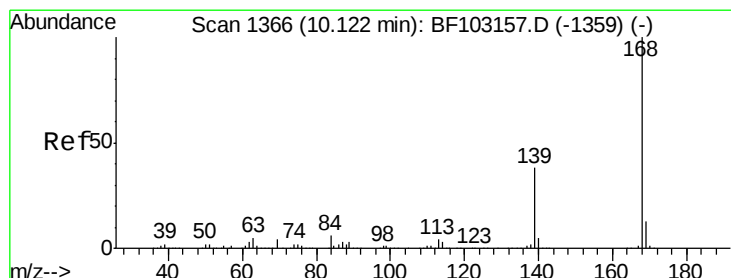
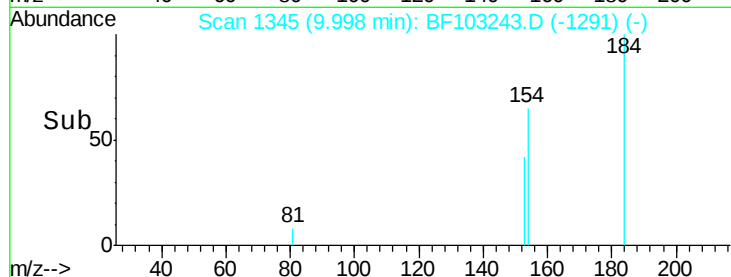
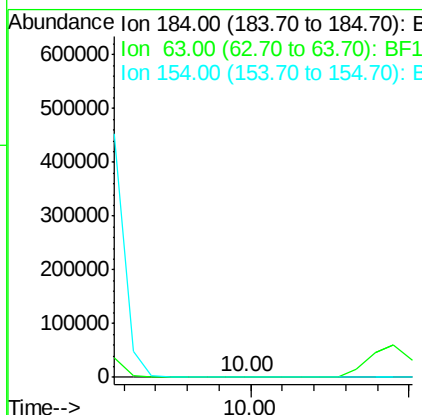
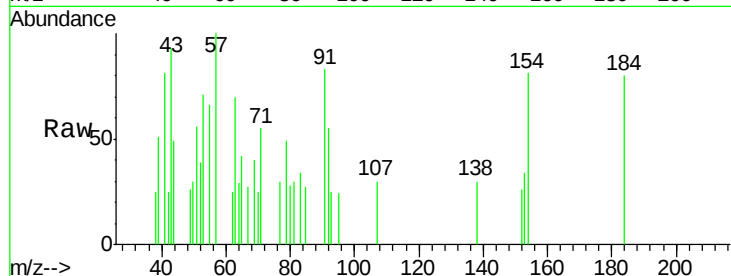
#53
 2,4-Dinitrophenol
 Concen: 10.380 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.02 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	87.3	54.2	81.2#
154	101.1	184.0	276.0#

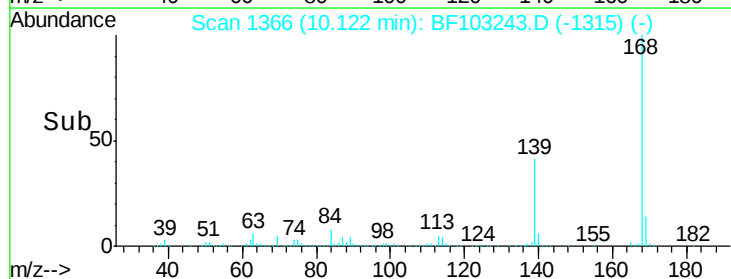
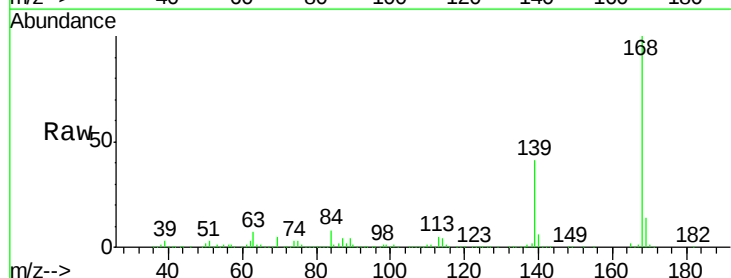
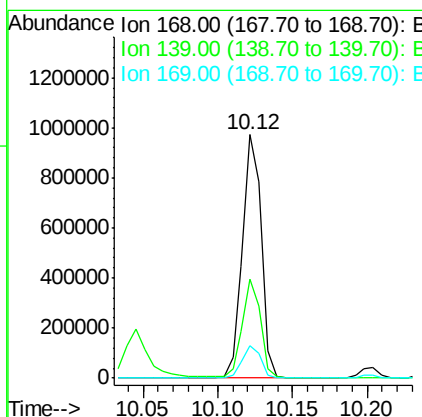
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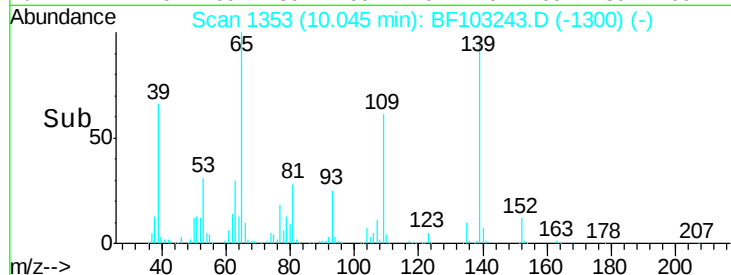
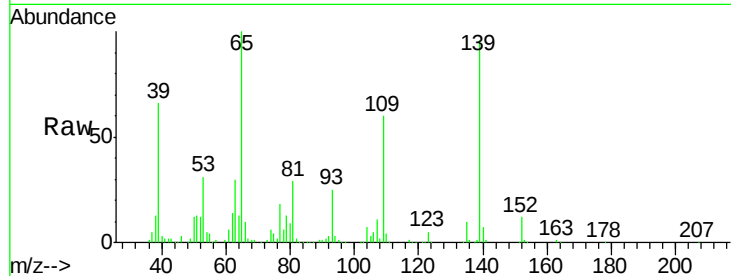
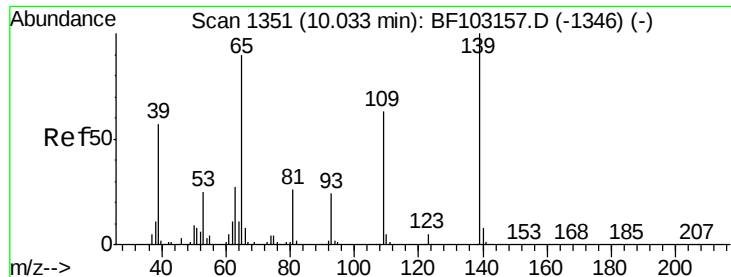
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#54
 Dibenzofuran
 Concen: 43.616 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.1	45.1
169	13.5	10.9	16.3





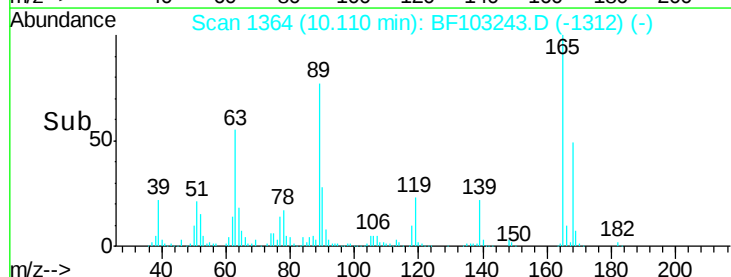
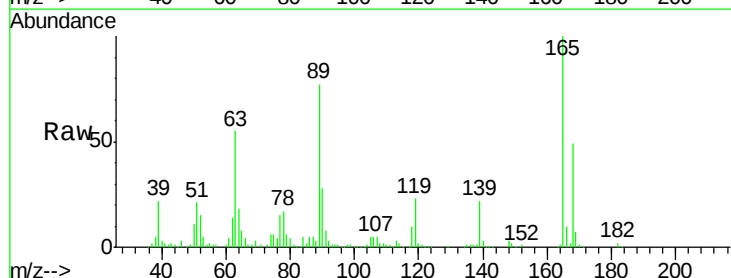
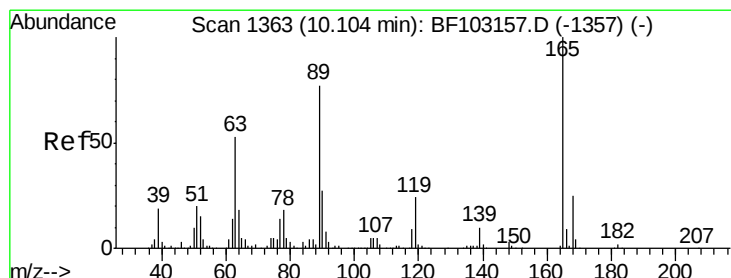
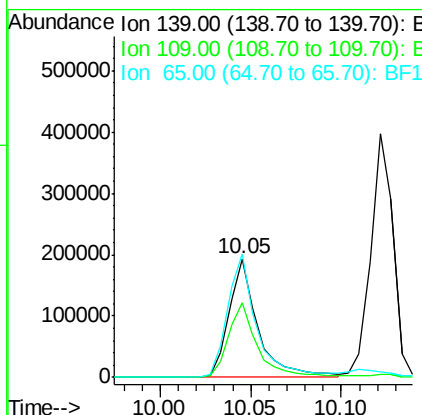
#55
4-Nitrophenol
Concen: 67.909 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	215963		
109	62.8	48.4	88.4	
65	103.8	72.6	112.6	

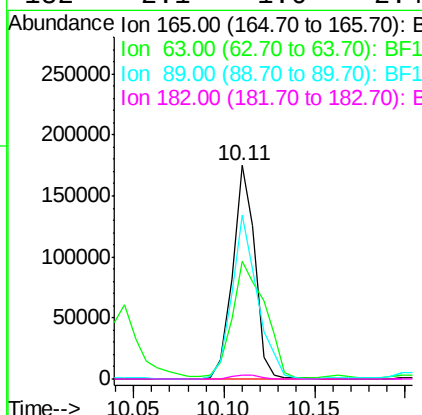
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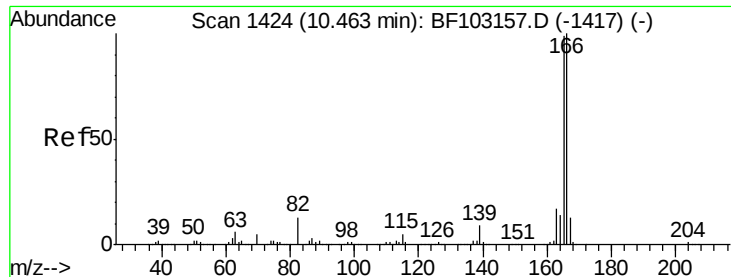
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#56
2,4-Dinitrotoluene
Concen: 29.324 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149992		
63	55.0	36.4	54.6#	
89	77.0	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 37.975 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

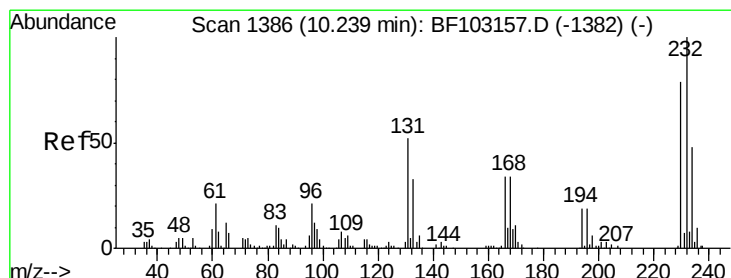
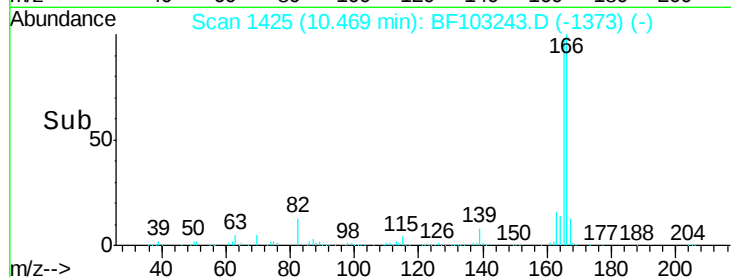
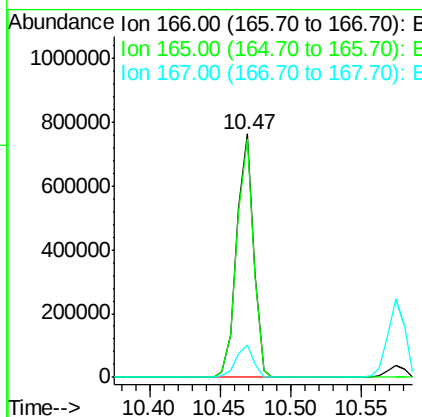
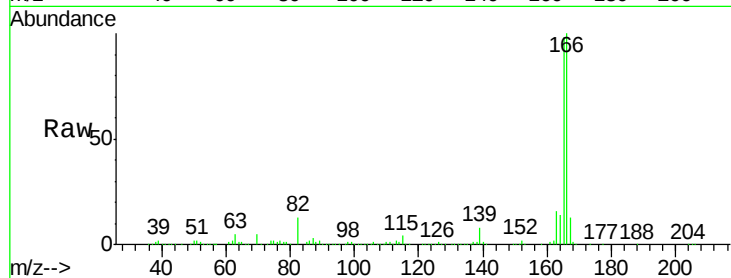
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	166	Resp:	634523
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.8	119.8
167	13.1	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.427 ng

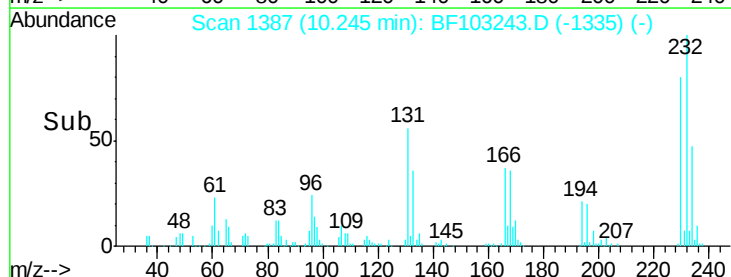
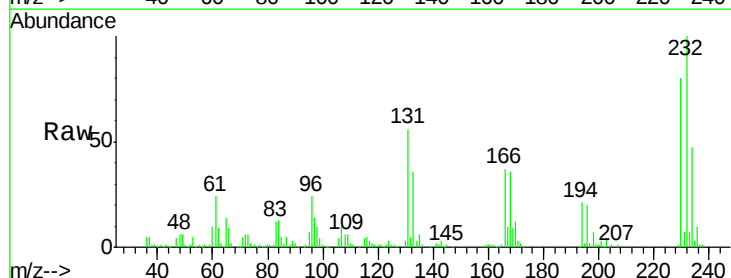
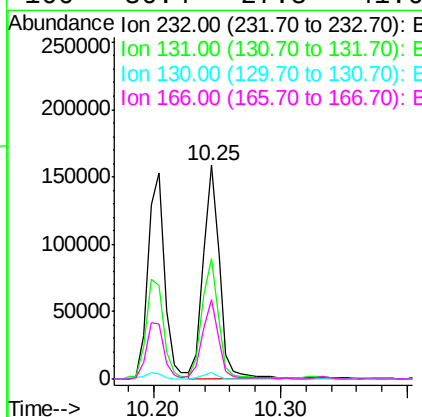
RT: 10.25 min Scan# 1387

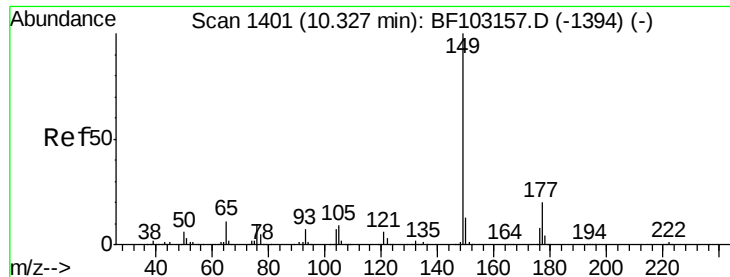
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	232	Resp:	141450
Ion Ratio	Lower	Upper	
232	100		
131	56.7	43.8	65.8
130	2.9	2.1	3.1
166	36.4	27.8	41.6





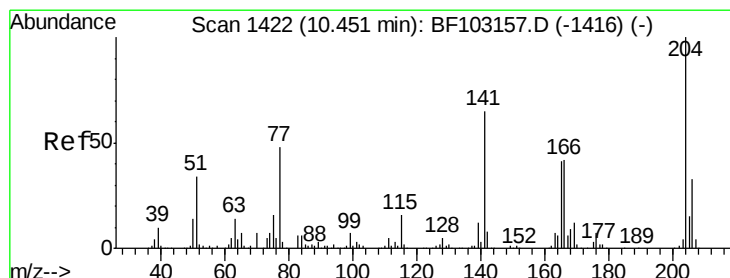
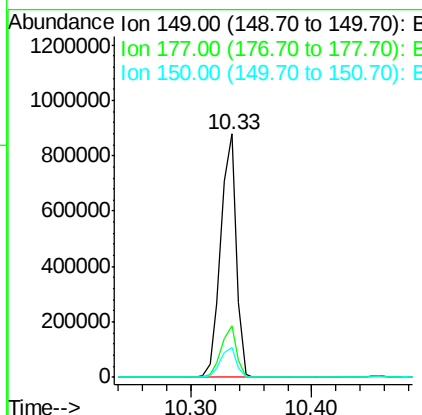
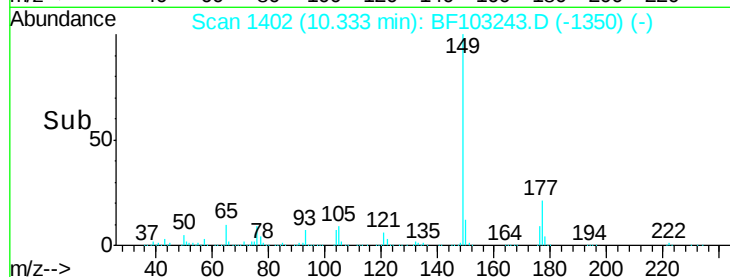
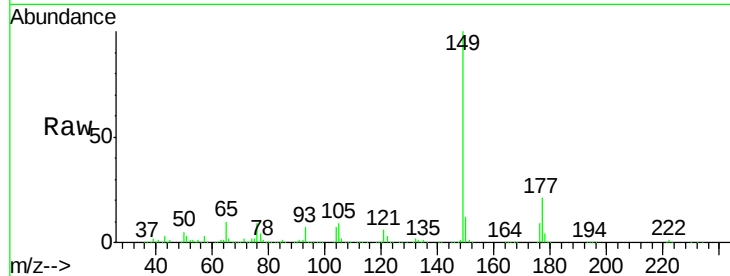
#59
Diethylphthalate
Concen: 42.047 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.3	10.1	15.1

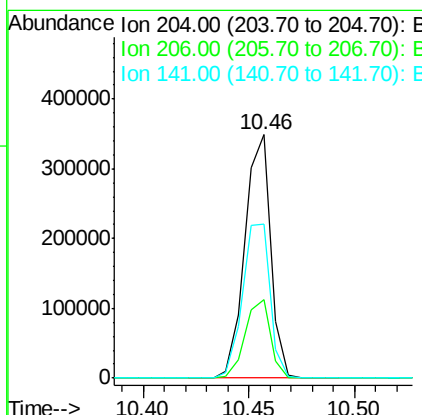
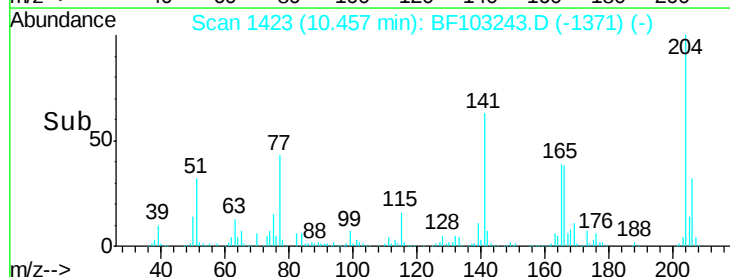
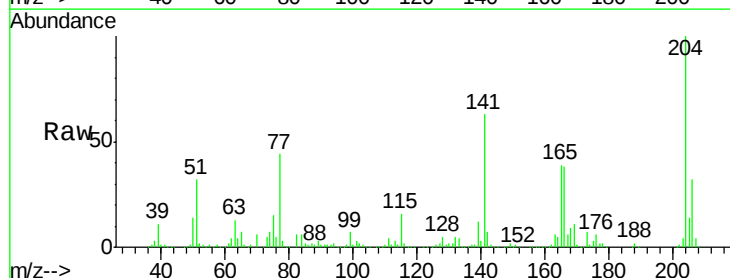
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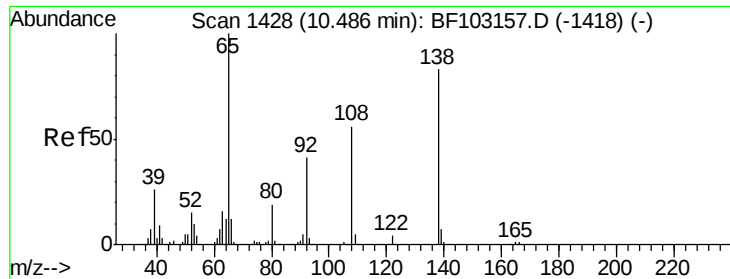
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#60
4-Chlorophenyl-phenylether
Concen: 41.671 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	63.1	54.6	81.8





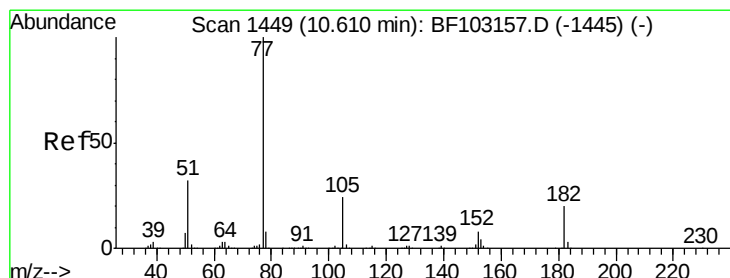
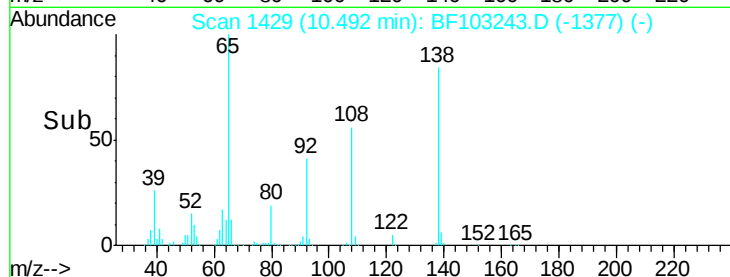
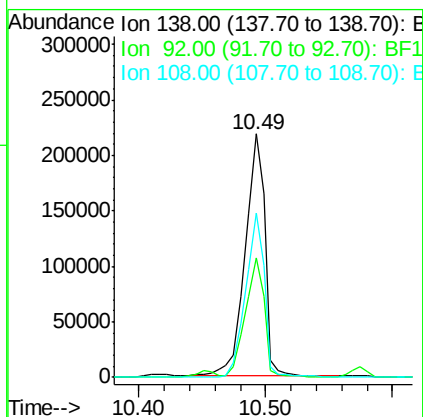
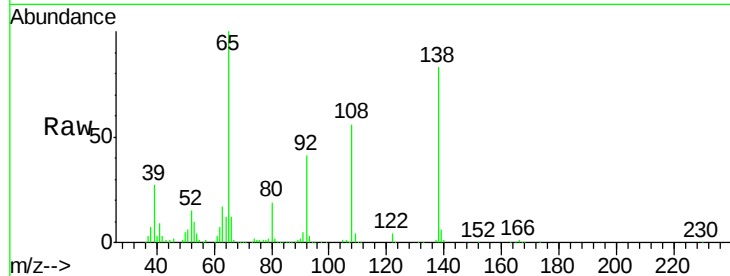
#61
4-Nitroaniline
Concen: 45.860 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.2	70.2
108	67.4	52.5	92.5

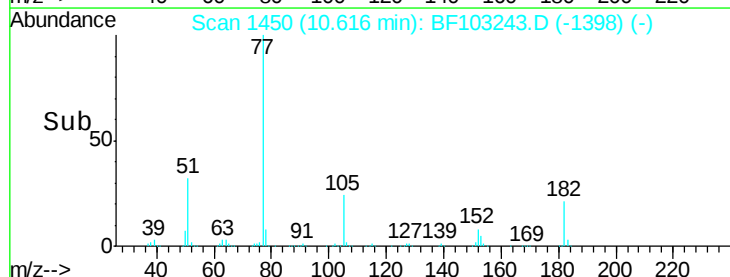
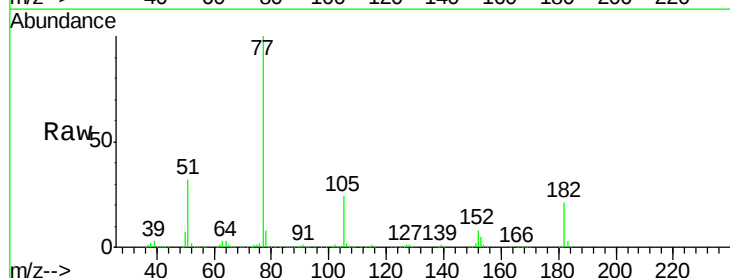
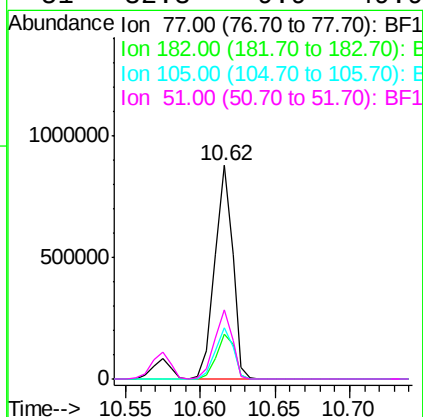
Manual Integrations
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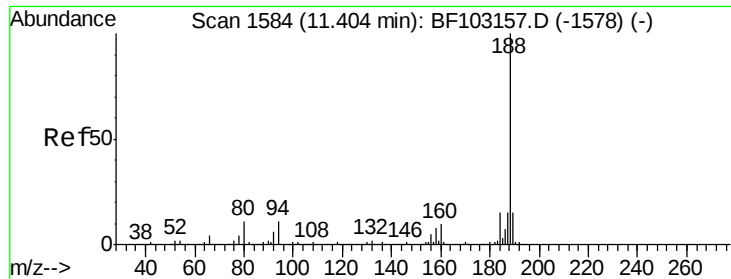
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#62
Azobenzene
Concen: 39.063 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	1.7	41.7
105	23.8	3.0	43.0
51	32.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

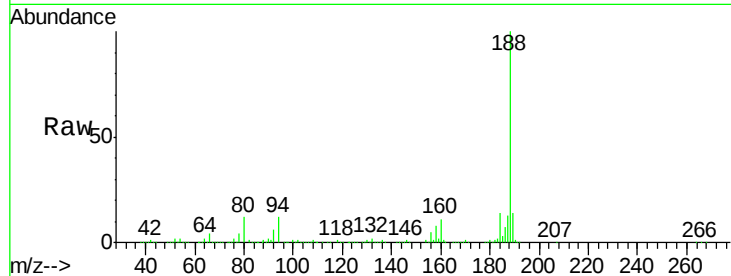
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	188	Resp:	352104
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.5	12.7
80	11.7	9.2	13.8

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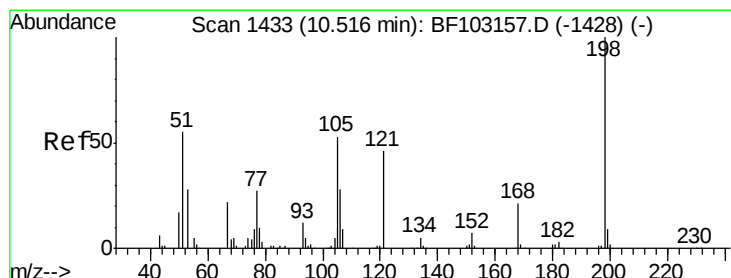
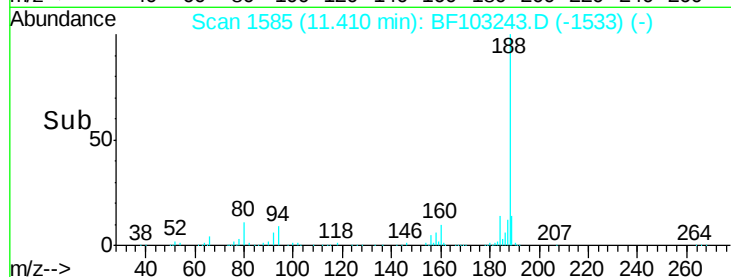
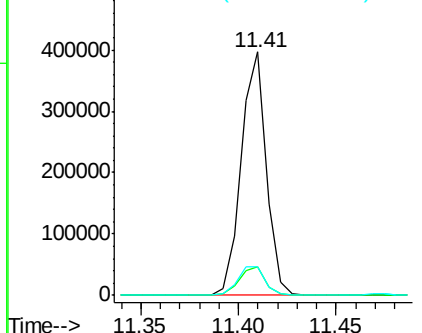
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 5.629 ng

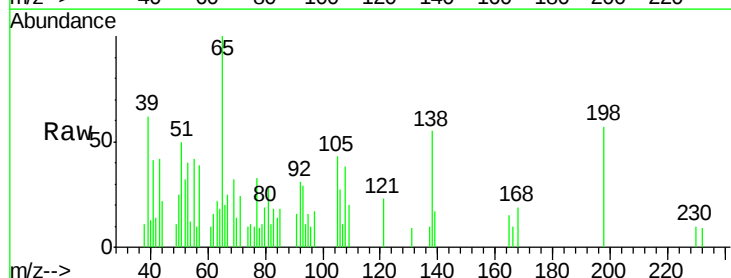
RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

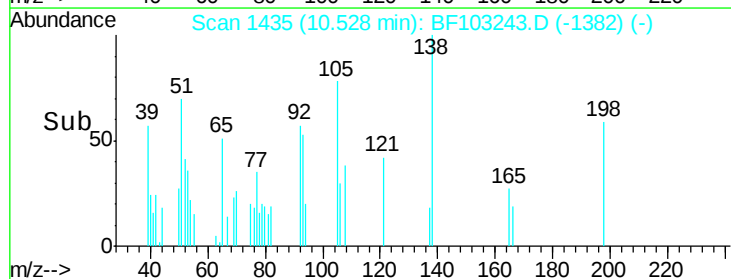
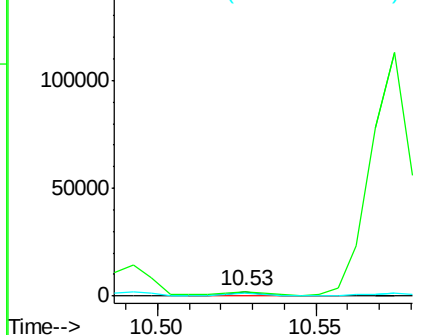
Tgt Ion:	198	Resp:	1632
Ion Ratio	Lower	Upper	
198	100		
51	87.9	37.7	77.7#
105	75.9	36.3	76.3

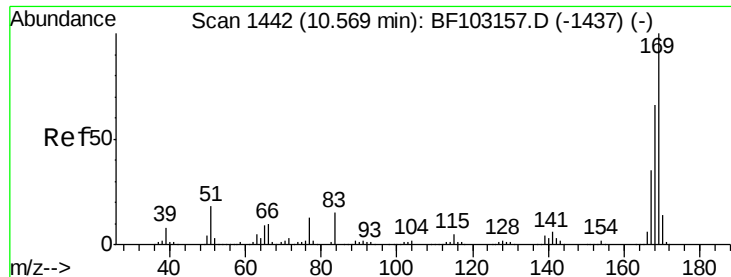


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.631 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

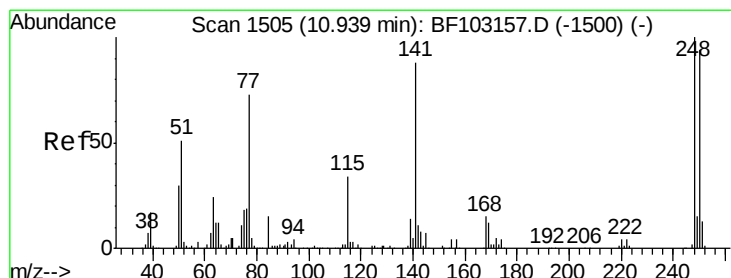
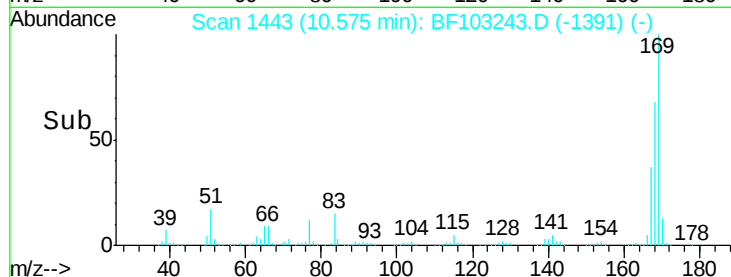
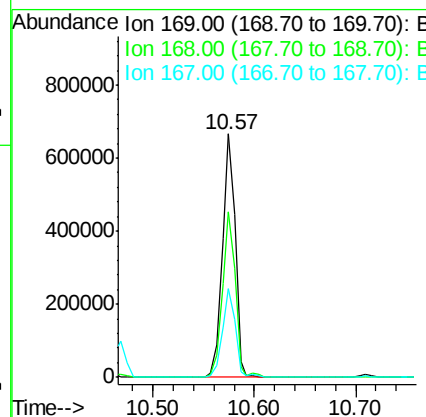
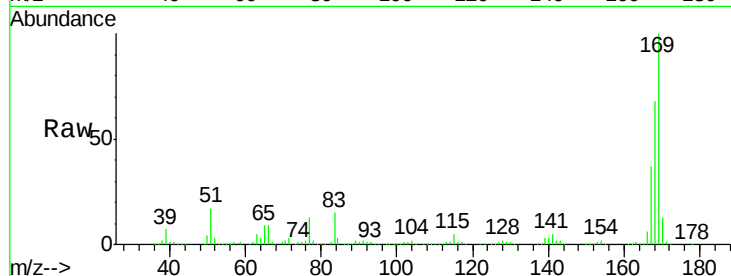
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	169	Resp:	583946
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.4	81.6
167	36.7	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 46.436 ng

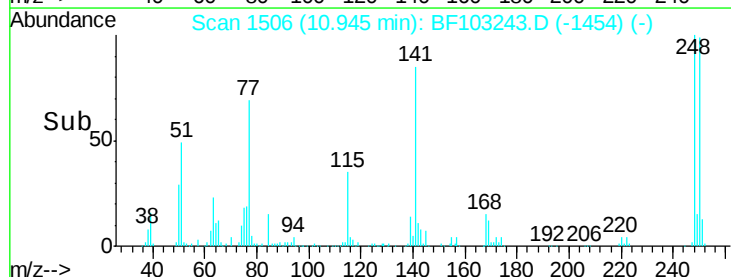
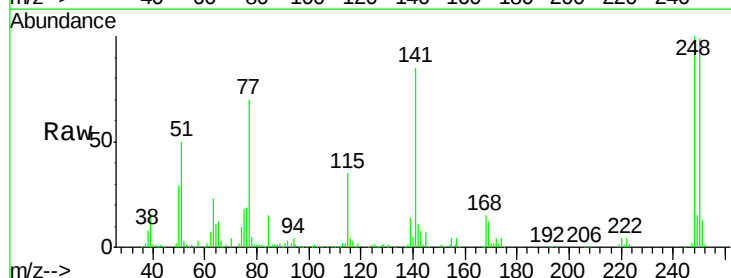
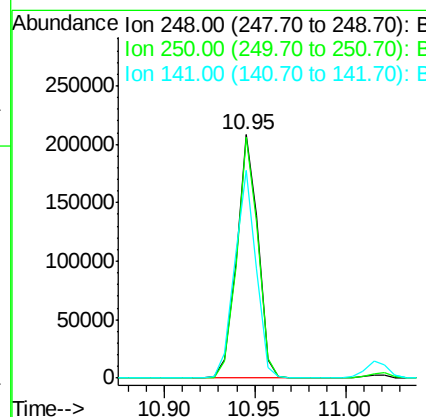
RT: 10.95 min Scan# 1506

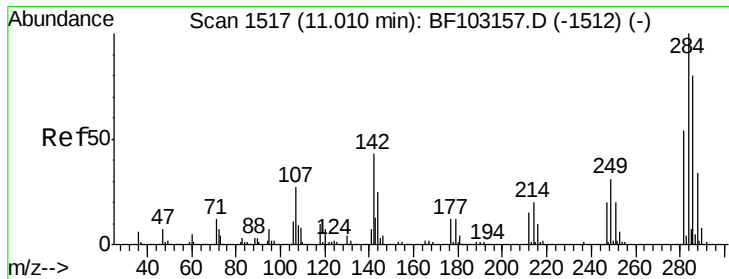
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	248	Resp:	170321
Ion Ratio	Lower	Upper	
248	100		
250	99.0	76.9	115.3
141	85.2	74.4	111.6





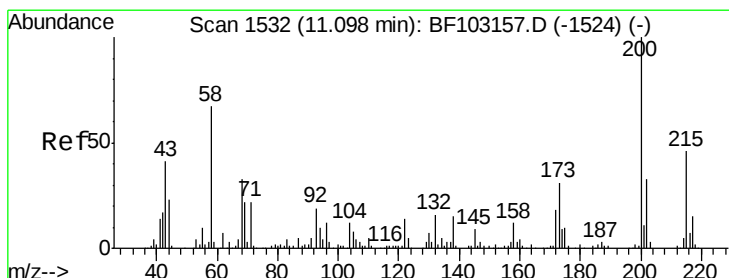
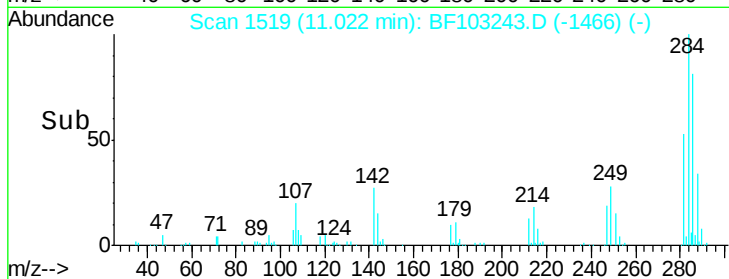
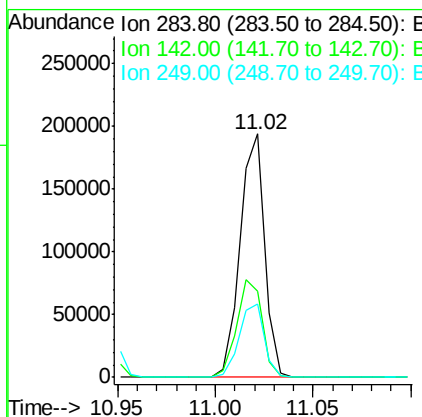
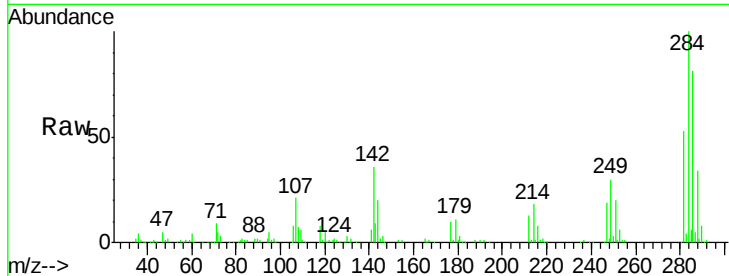
#67
Hexachlorobenzene
Concen: 42.484 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	169135		
142	35.5	34.6	52.0	
249	30.2	24.8	37.2	

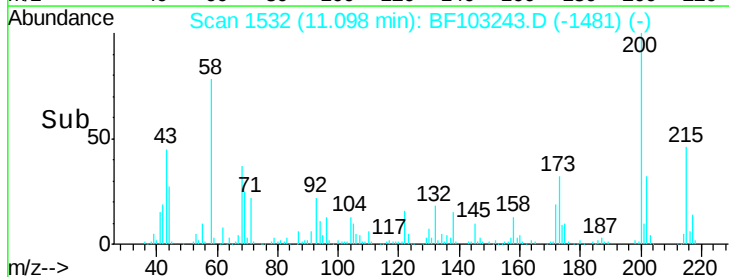
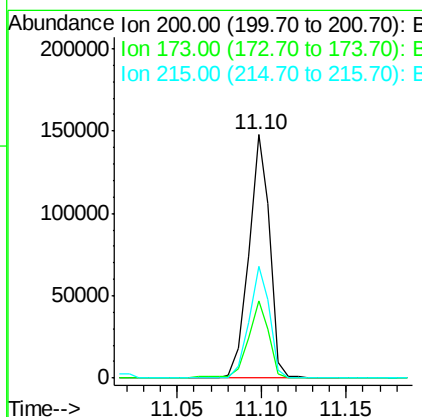
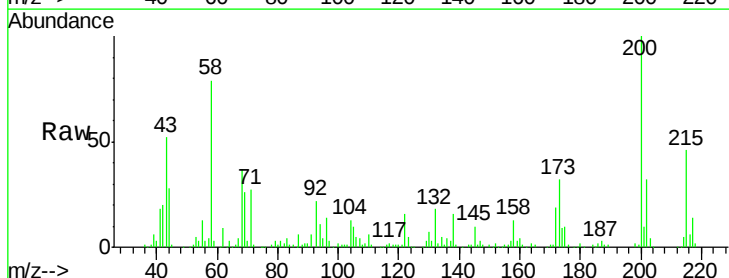
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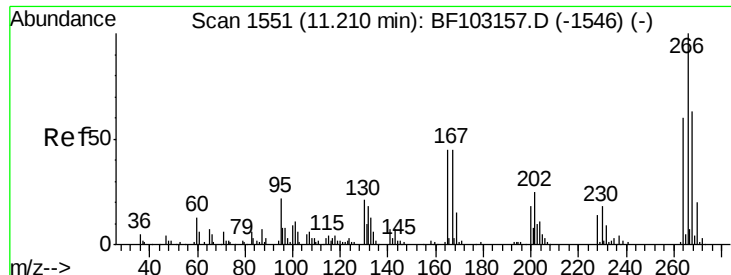
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#68
Atrazine
Concen: 34.605 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	127515		
173	31.9	8.6	48.6	
215	46.1	25.1	65.1	





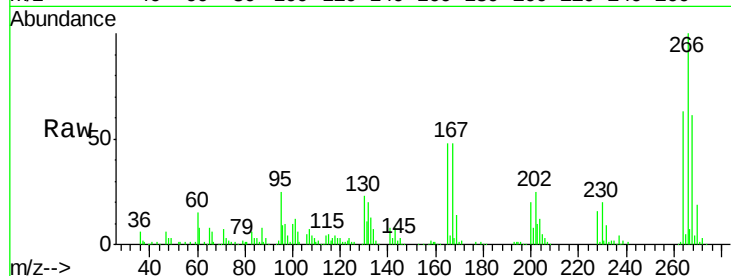
#69
 Pentachlorophenol
 Concen: 68.547 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

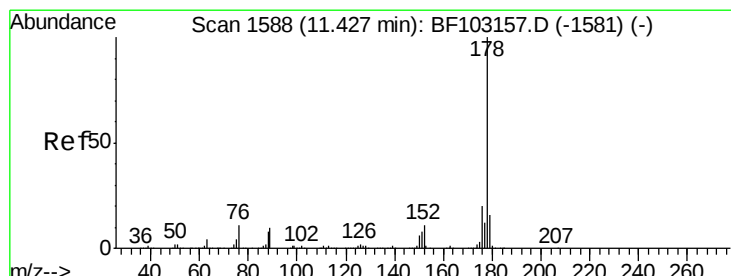
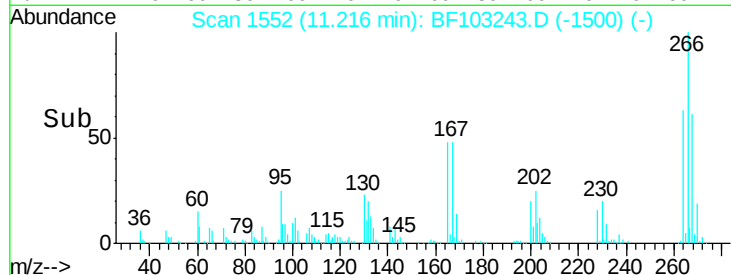
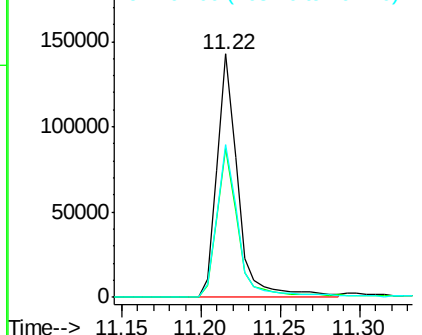
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	63.0	49.5	74.3

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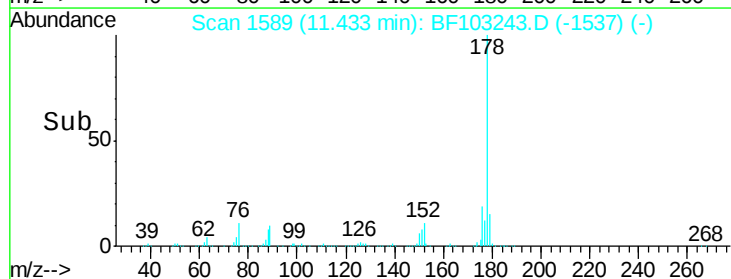
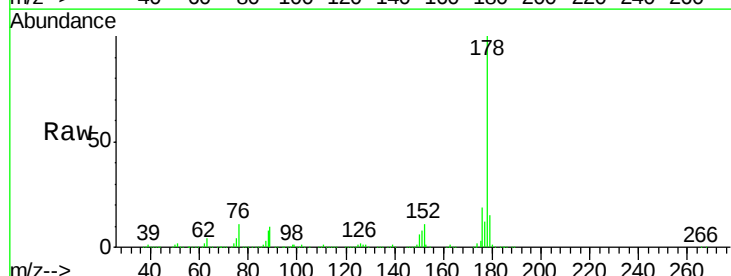
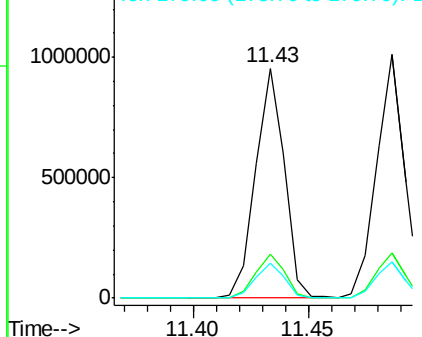
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

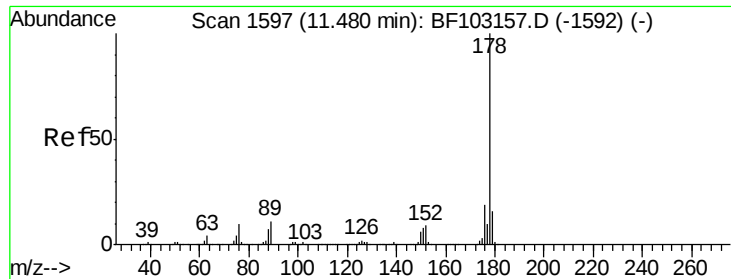


#70
 Phenanthrene
 Concen: 42.959 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.1	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





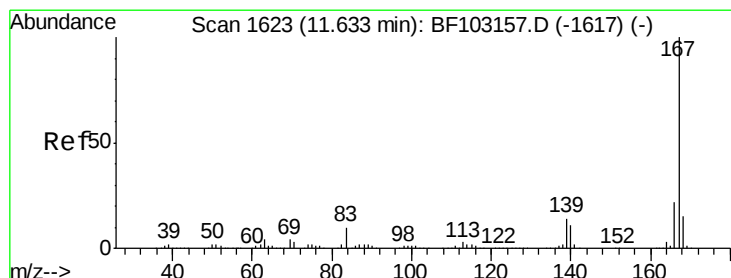
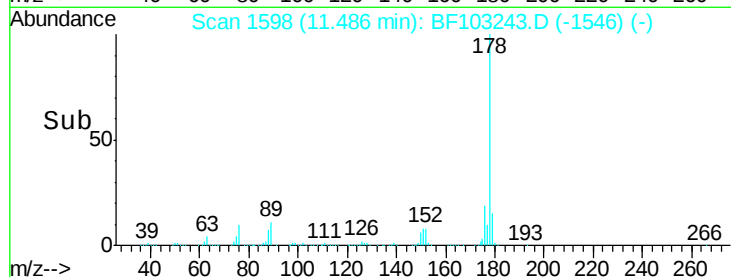
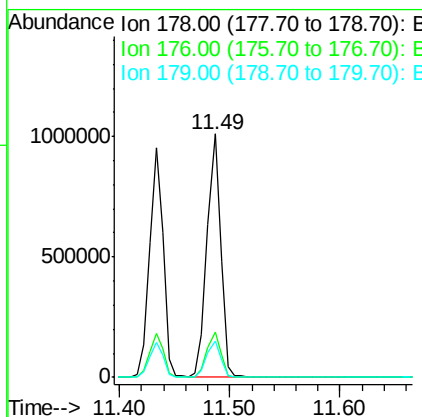
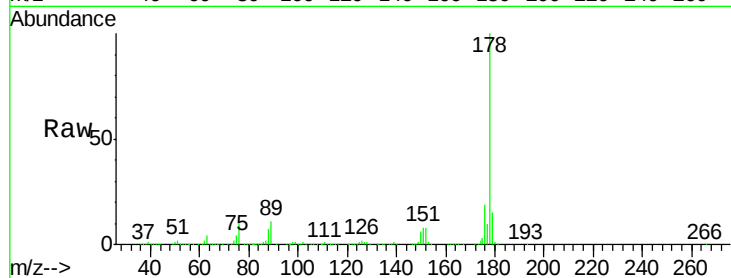
#71
 Anthracene
 Concen: 42.614 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.1	12.6	19.0

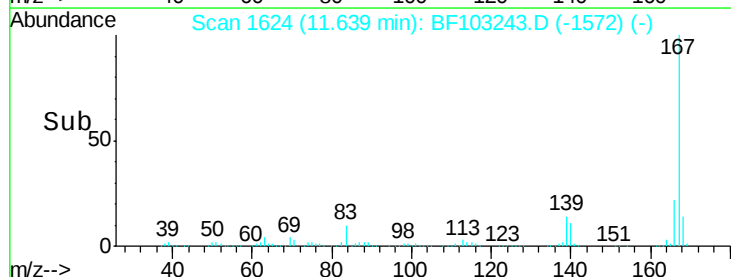
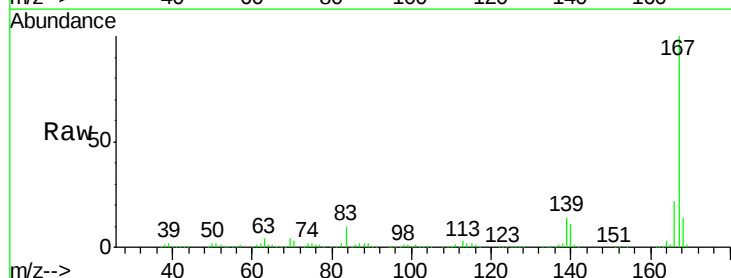
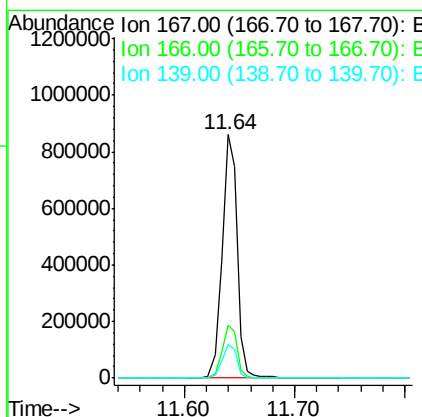
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#72
 Carbazole
 Concen: 41.396 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	14.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.695 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

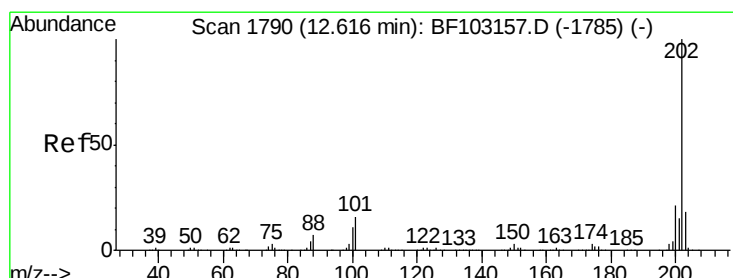
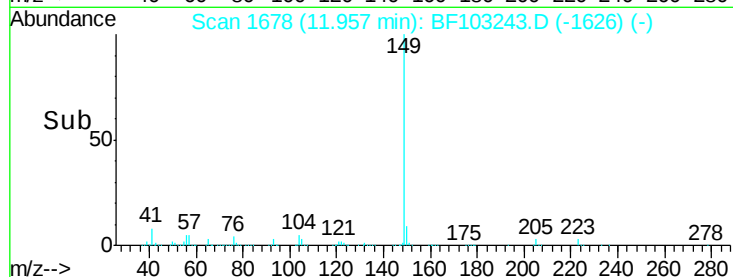
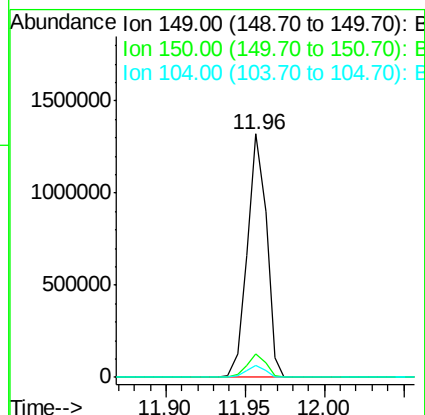
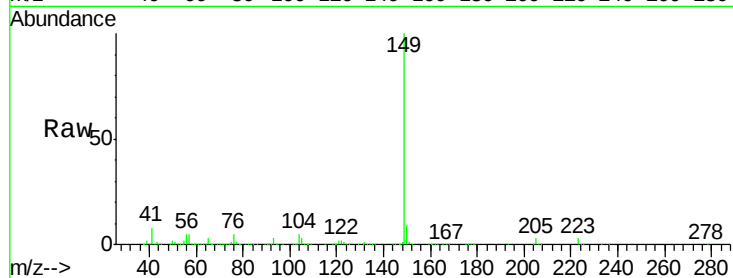
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	149	Resp:	1106661
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 41.173 ng

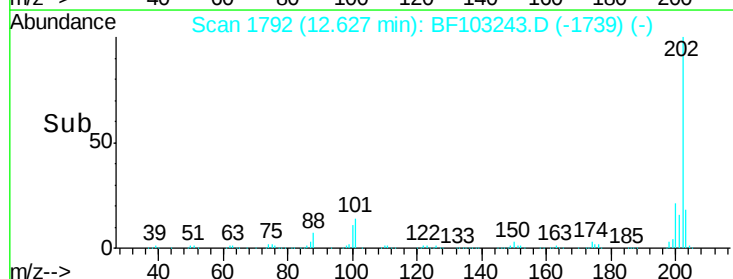
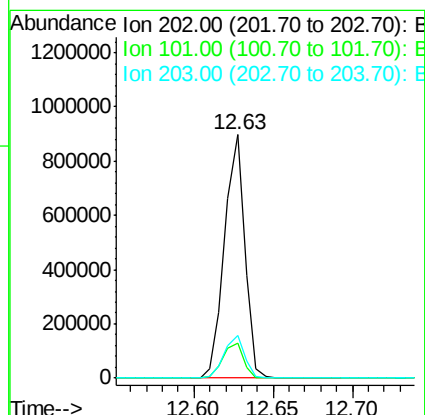
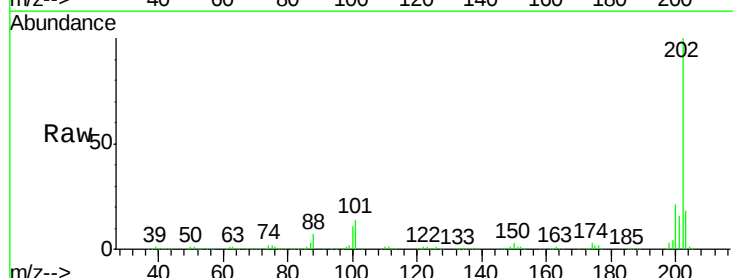
RT: 12.63 min Scan# 1792

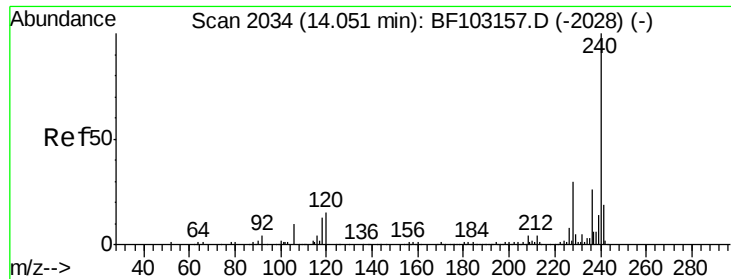
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	202	Resp:	801732
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

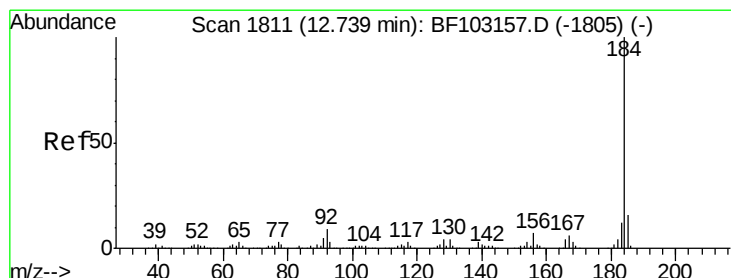
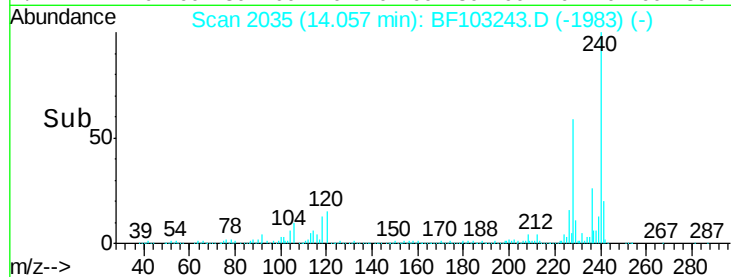
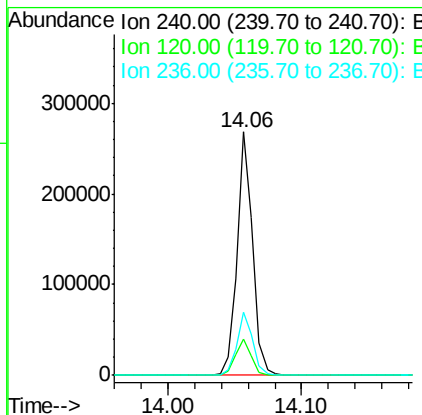
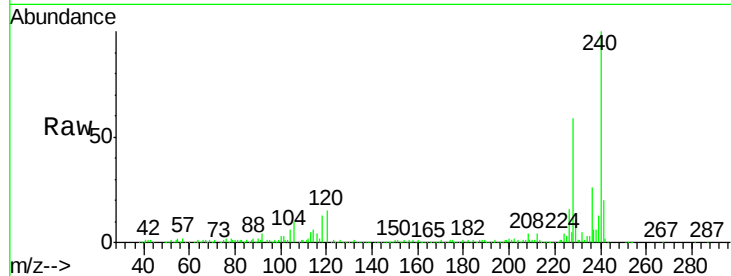
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 71.046 ng

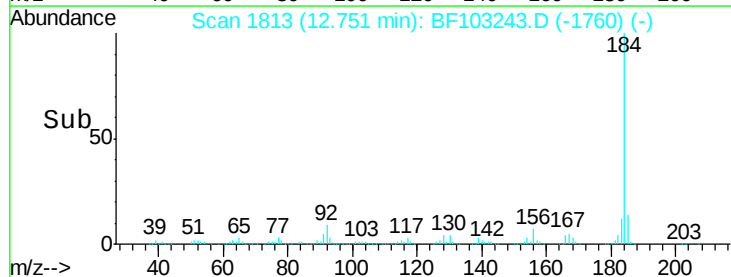
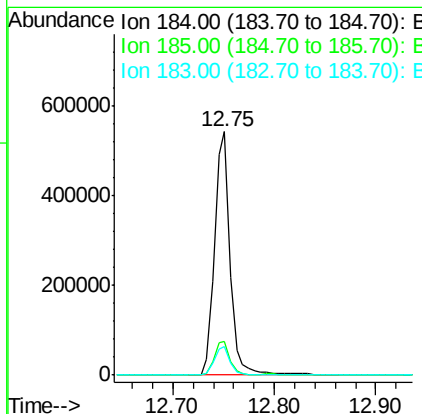
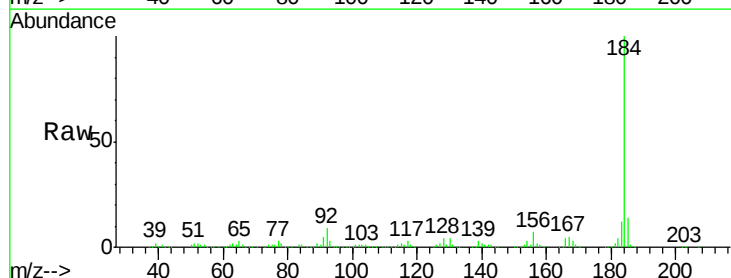
RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.8	9.3	13.9





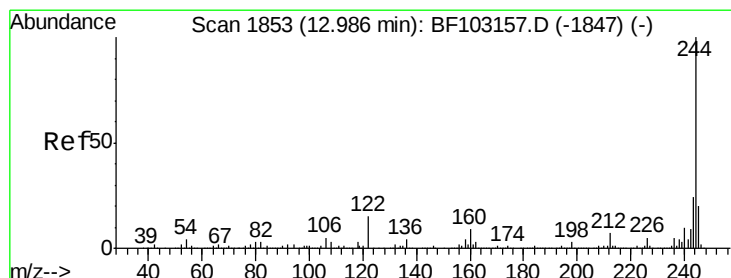
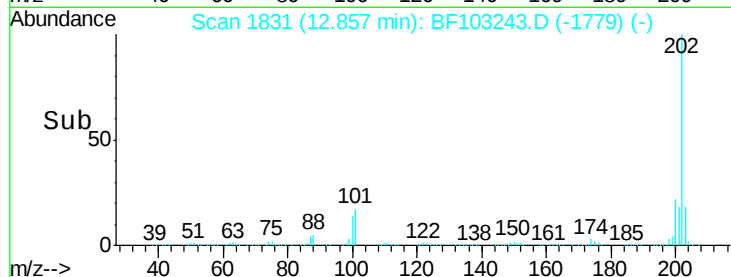
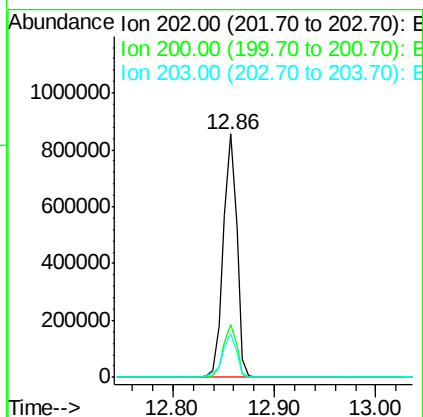
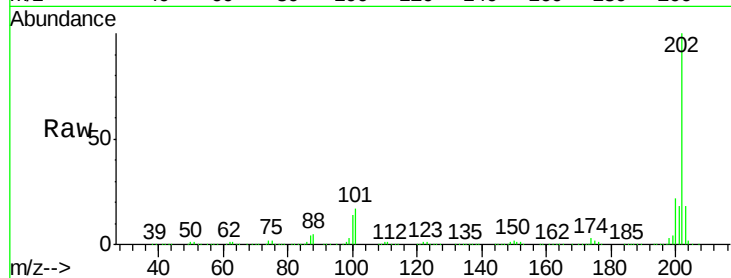
#77
Pvrene
Concen: 46.697 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

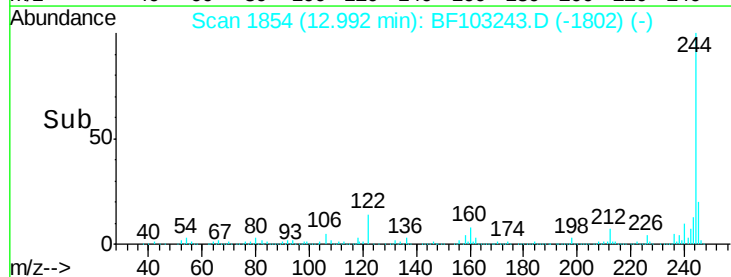
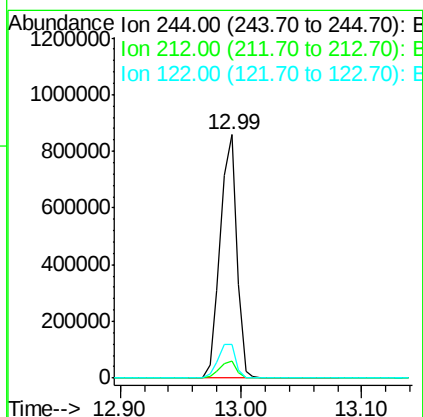
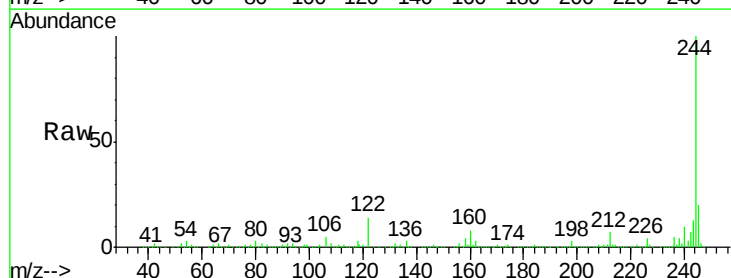
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#78
Terphenyl-d14
Concen: 89.571 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4





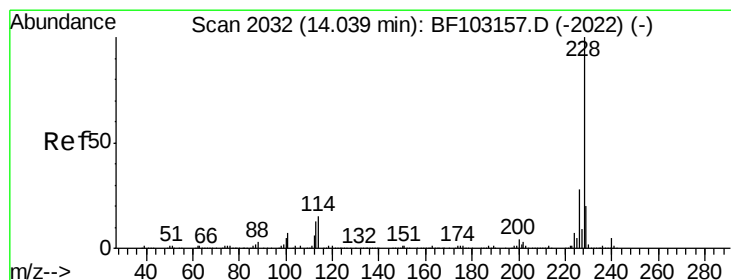
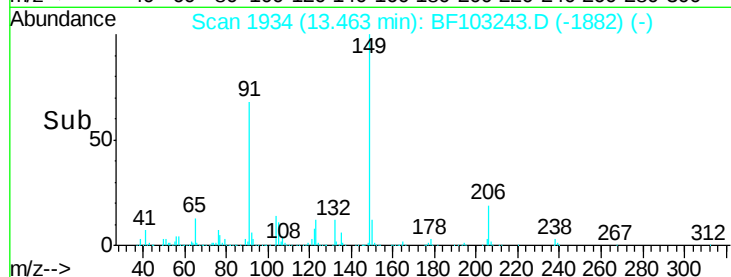
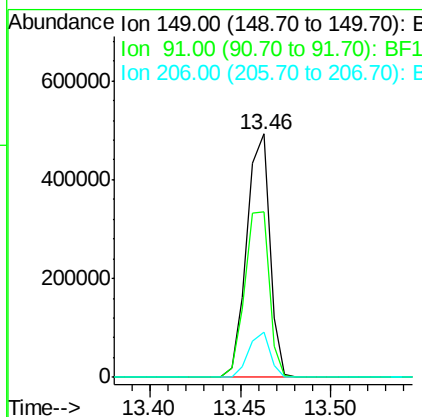
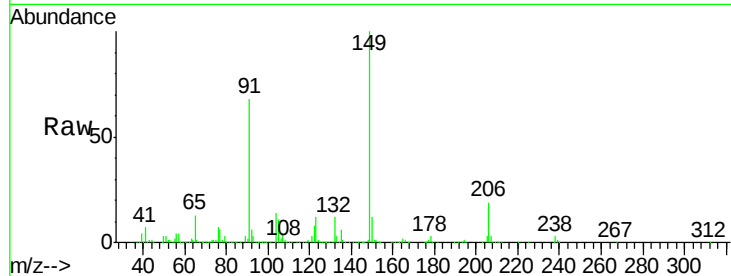
#79
Butylbenzylphthalate
Concen: 48.487 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.8	85.2
206	18.5	14.1	21.1

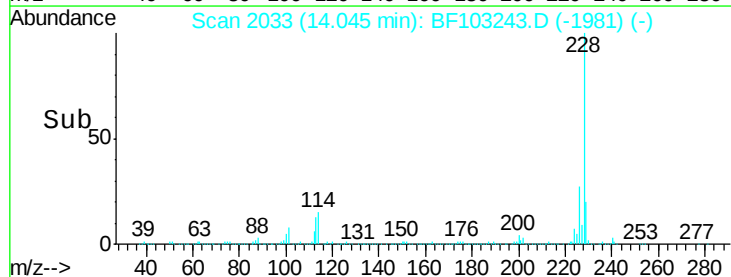
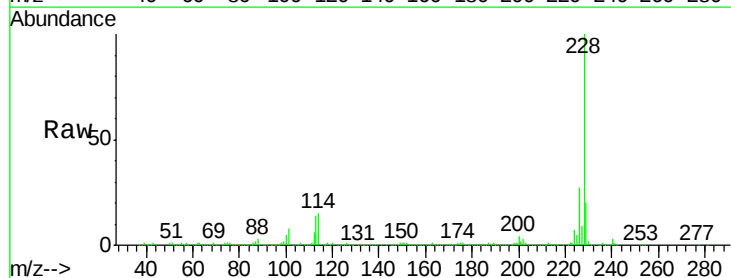
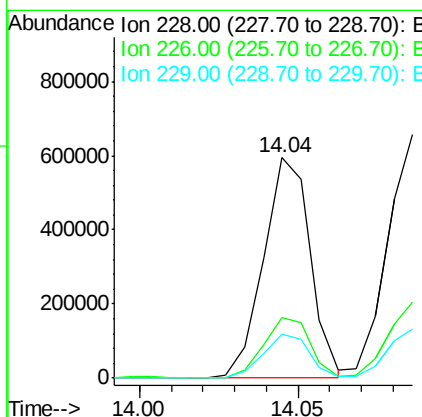
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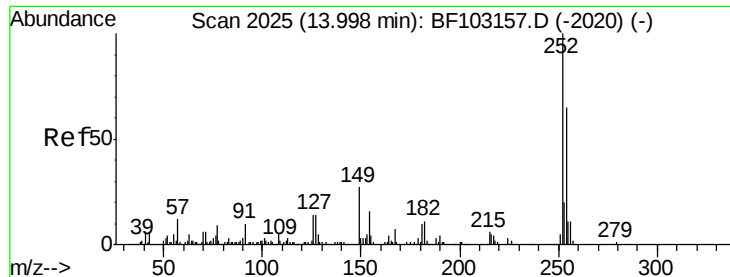
Sohil
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#80
Benzo(a)anthracene
Concen: 43.027 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6





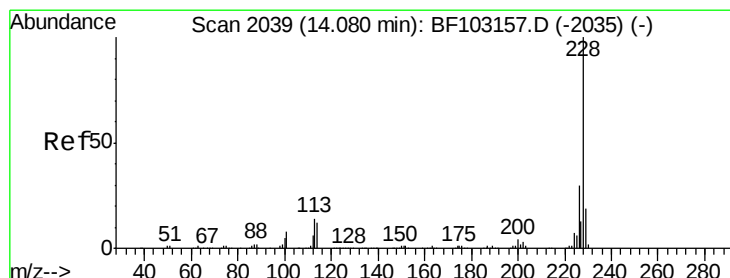
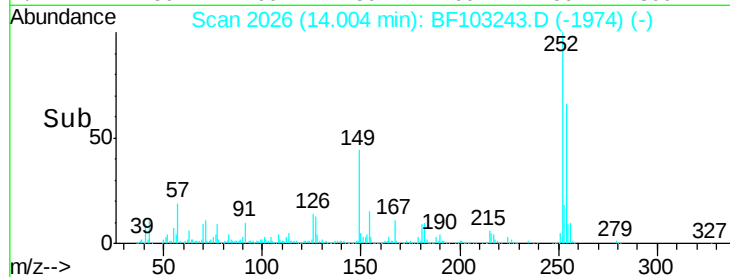
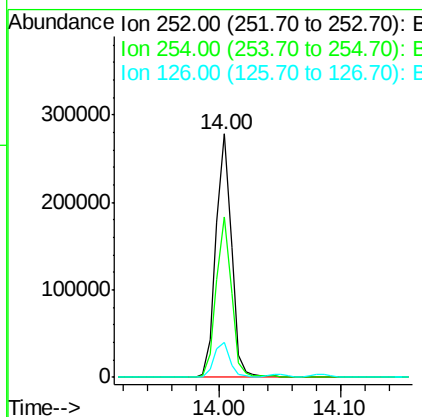
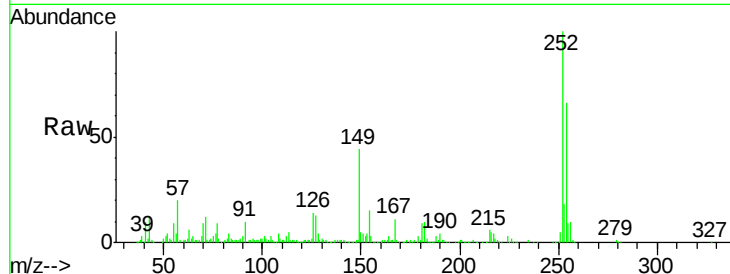
#81
 3,3'-Dichlorobenzidine
 Concen: 48.916 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	14.3	11.3	16.9

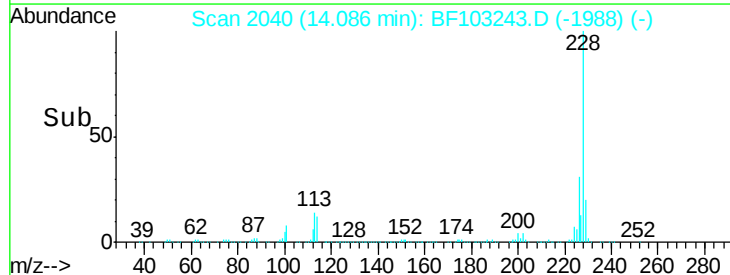
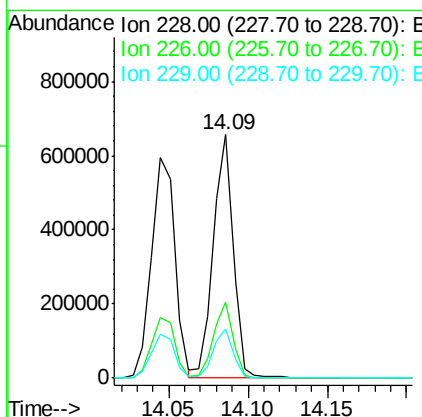
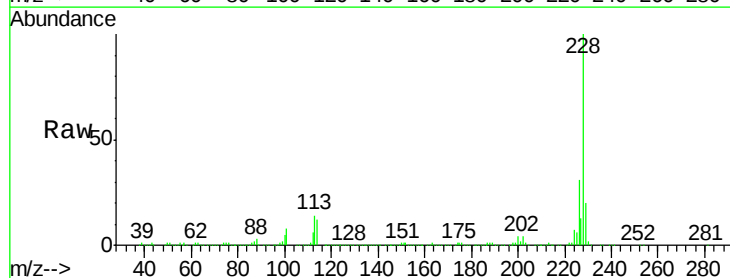
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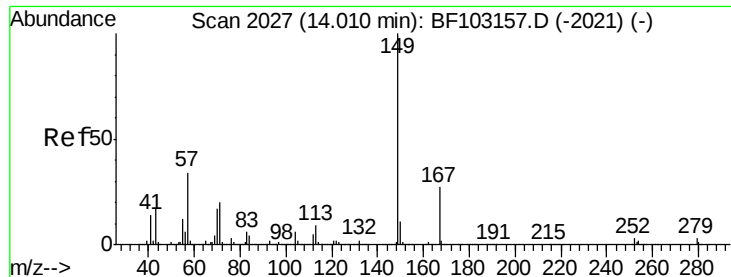
Sohil
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#82
 Chrysene
 Concen: 41.880 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.180 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

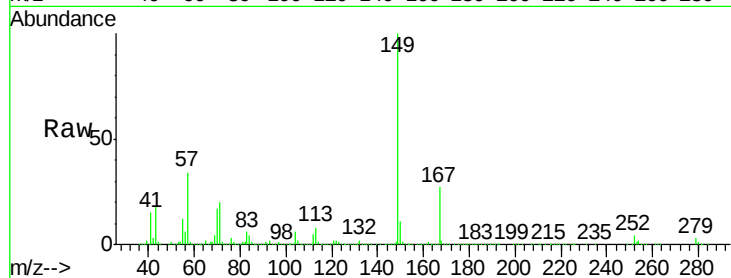
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

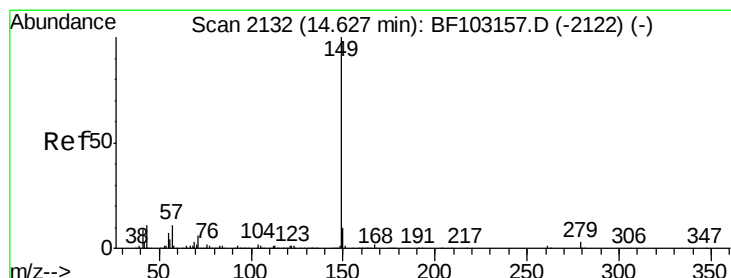
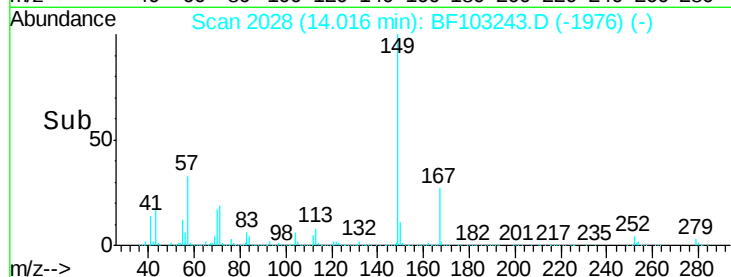
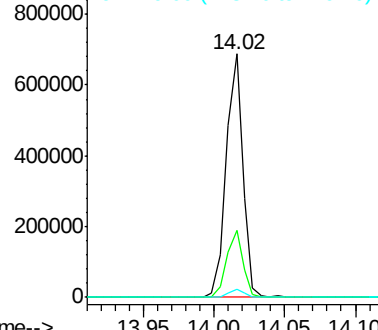
Tot Ion:	149	Resp:	572436
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.3	31.9
279	3.1	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.723 ng

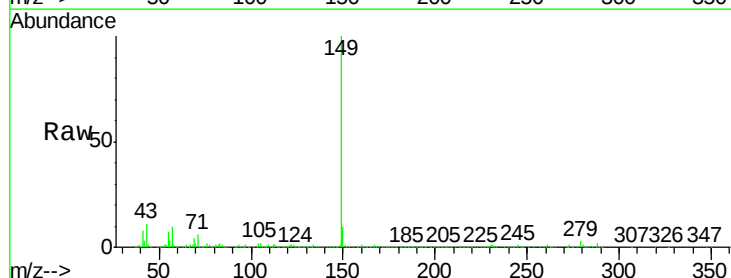
RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

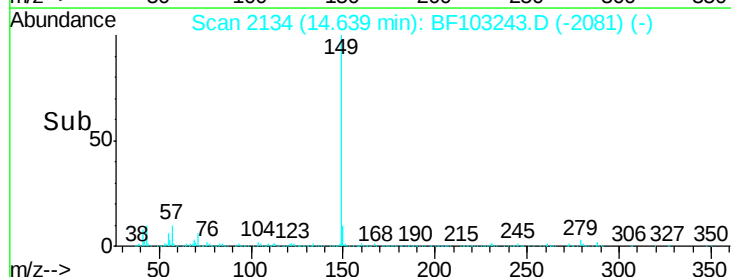
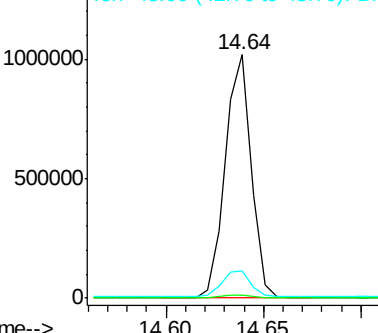
Lab File: BF103243.D

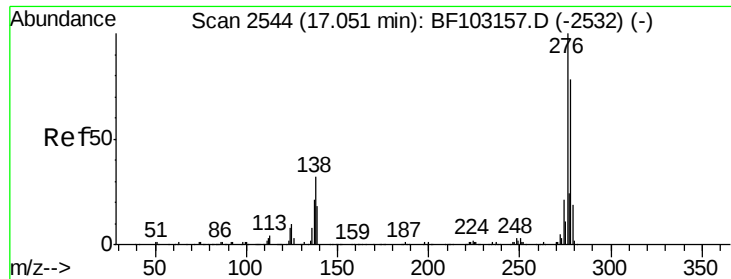
Acq: 27 Feb 2018 2:48

Tgt Ion:	149	Resp:	935515
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	11.5	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





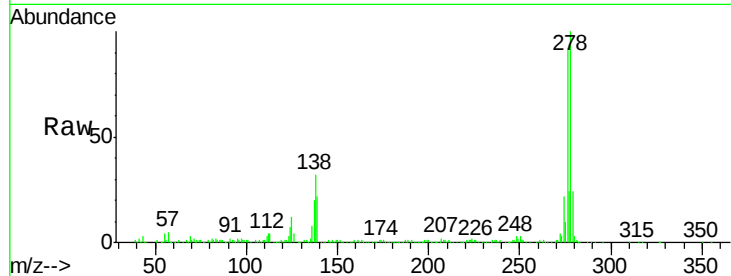
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.728 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.04 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.7	20.1	30.1

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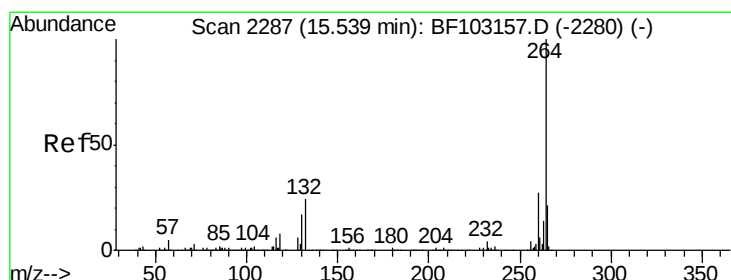
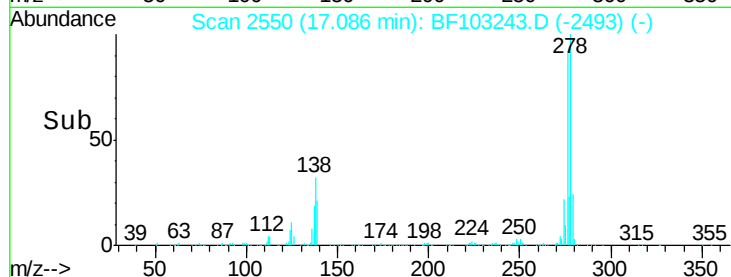
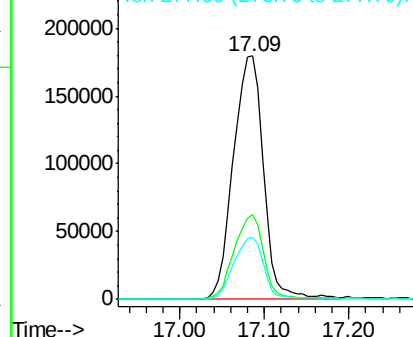


Abundance

Ion 276.00 (275.70 to 276.70): E

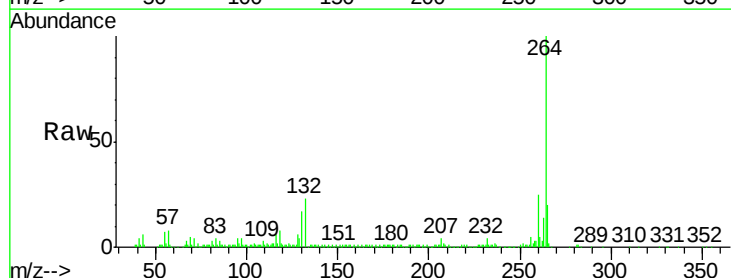
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	20.3	17.5	26.3

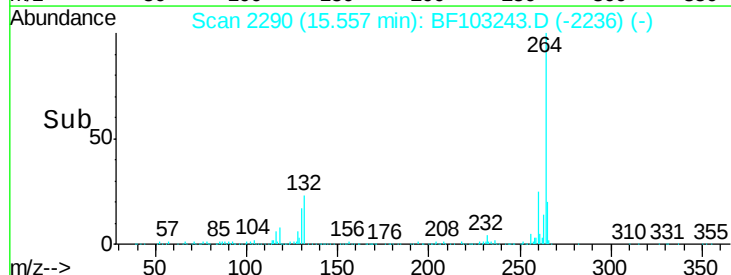
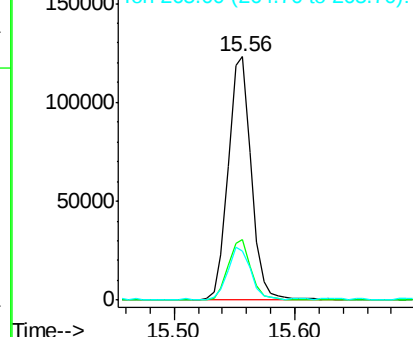


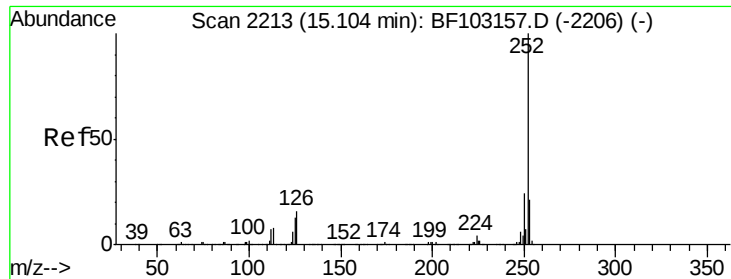
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.161 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Instrument :

BNA_F

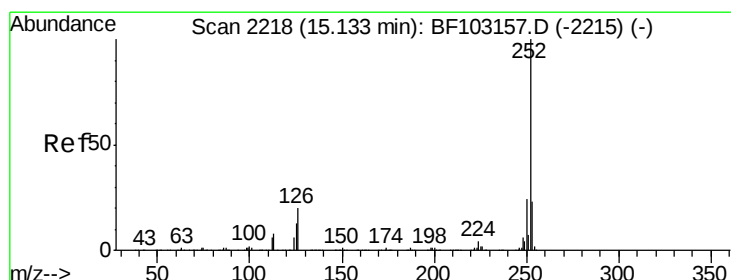
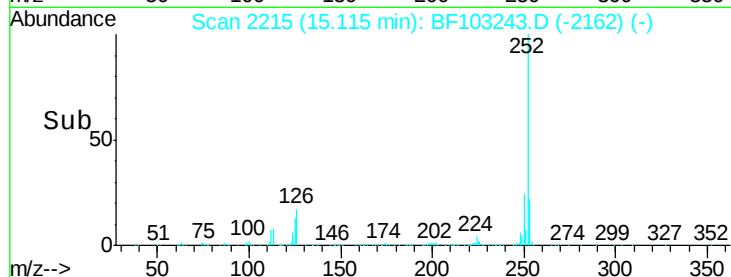
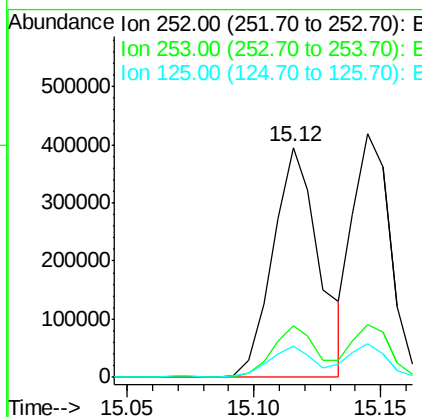
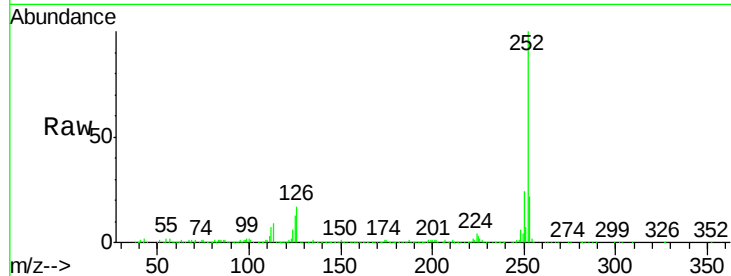
ClientSampleId :

OIL-SEP-EXC-NW@2.5MS

Tot Ion:	252	Resp:	506071
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	13.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.371 ng

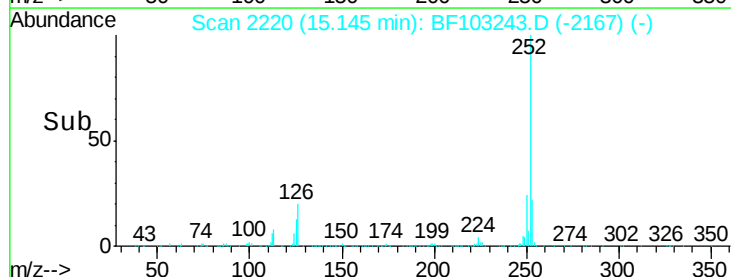
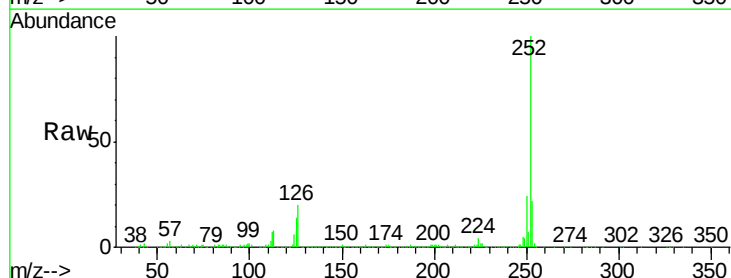
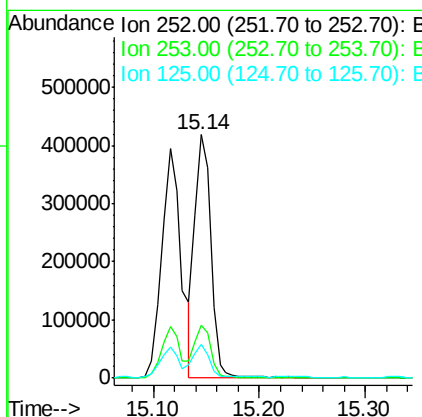
RT: 15.14 min Scan# 2220

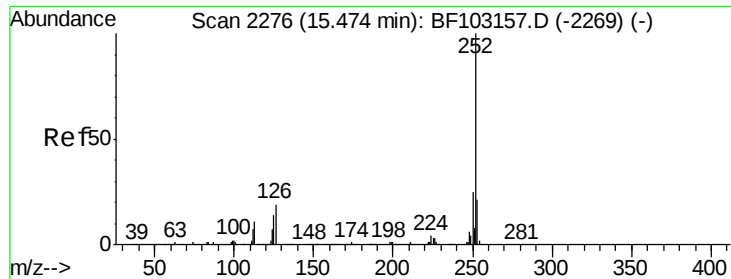
Delta R.T. 0.01 min

Lab File: BF103243.D

Acq: 27 Feb 2018 2:48

Tgt Ion:	252	Resp:	438255
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	13.6	10.2	15.2





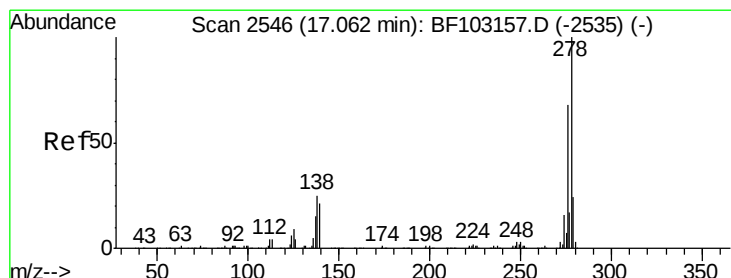
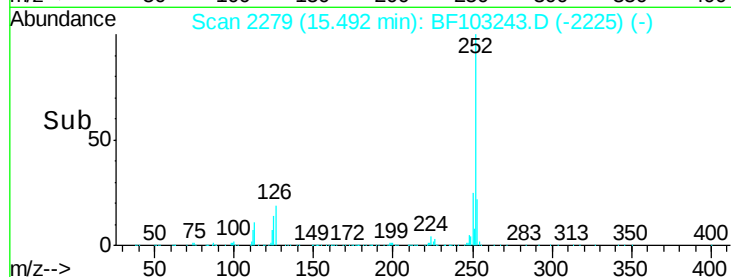
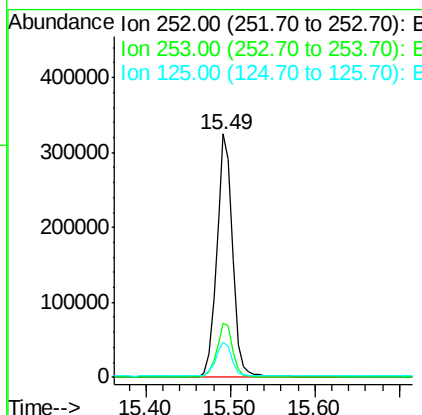
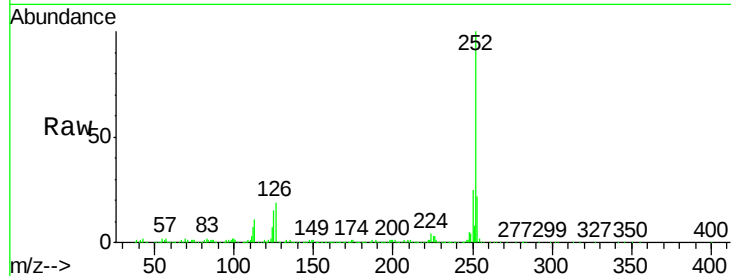
#89
Benzo(a)pyrene
Concen: 44.946 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.6	9.8	14.6

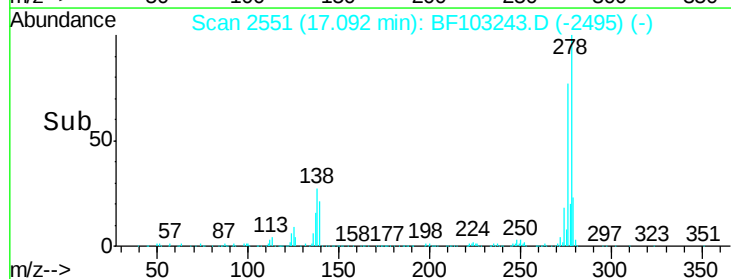
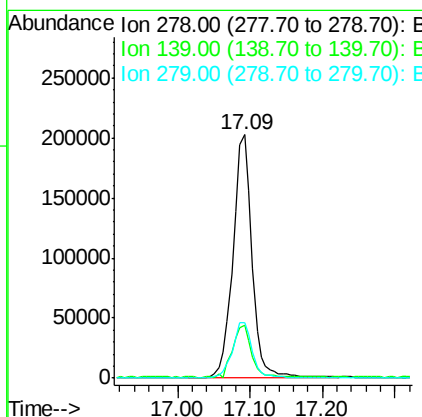
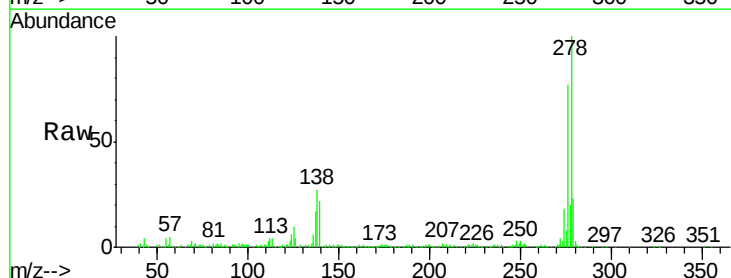
Manual Integrations
APPROVED

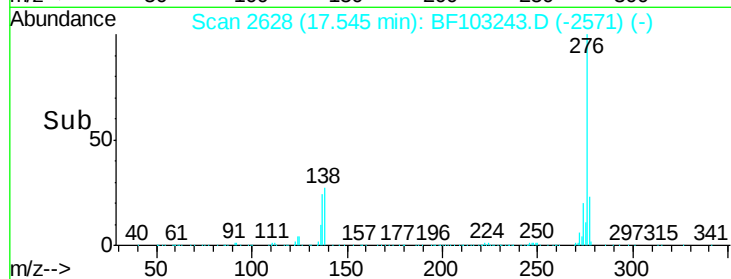
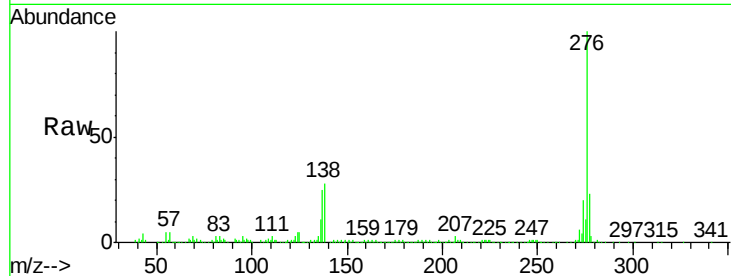
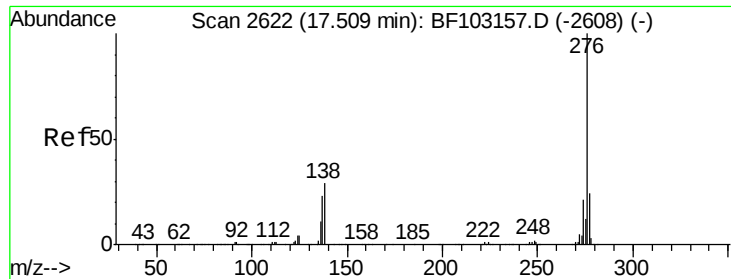
Sohil
2/27/2018 12:23:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.616 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.03 min
Lab File: BF103243.D
Acq: 27 Feb 2018 2:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.063 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. 0.04 min
 Lab File: BF103243.D
 Acq: 27 Feb 2018 2:48

Instrument :
 BNA_F
 ClientSampleId :
 OIL-SEP-EXC-NW@2.5MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	27.6	21.8	32.8

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Sohil
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