

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103174.D
 Acq On : 22 Feb 2018 20:35
 Operator : SJ/JU
 Sample : J1634-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-257928

Quant Time: Feb 23 04:18:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167511	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	686155	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	246427	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	309876	20.00	ng	0.00
75) Chrysene-d12	14.04	240	290973	20.00	ng	0.00
86) Perylene-d12	15.54	264	261862	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	573354	51.77	ng	0.00
7) Phenol-d6	6.50	99	410273	30.27	ng	0.00
23) Nitrobenzene-d5	7.44	82	952795	79.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	199605	95.69	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1353996	98.16	ng	0.00
78) Terphenyl-d14	12.99	244	877125	72.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	114	0.019	ng	# 1
3) Pyridine	3.45	79	107	0.007	ng	# 21
4) n-Nitrosodimethylamine	3.38	42	2188	0.347	ng	# 1
6) Aniline	6.53	93	945	0.048	ng	# 4
8) 2-Chlorophenol	6.66	128	612	0.053	ng	# 1
9) Benzaldehyde	6.65	77	20851	1.495	ng	87
10) Phenol	6.51	94	6924	0.440	ng	# 34
11) bis(2-Chloroethyl)ether	6.59	93	397	0.033	ng	# 1
12) 1,3-Dichlorobenzene	6.89	146	415	0.032	ng	# 1
13) 1,4-Dichlorobenzene	6.89	146	415	0.031	ng	# 5
14) 1,2-Dichlorobenzene	7.03	146	244	0.020	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650	0.032	ng	70
17) 2-Methylphenol	7.13	107	1695	0.162	ng	93
20) 3+4-Methylphenols	7.28	107	8591	0.674	ng	# 74
22) Acetophenone	7.27	105	5866	0.366	ng	# 77
24) Nitrobenzene	7.44	77	5735	0.434	ng	# 16
26) 2-Nitrophenol	7.83	139	107	0.017	ng	# 1
27) 2,4-Dimethylphenol	7.81	122	567	0.060	ng	# 52
28) bis(2-Chloroethoxy)methane	7.89	93	2168	0.156	ng	# 11
29) 2,4-Dichlorophenol	8.05	162	259	0.028	ng	# 1
31) Naphthalene	8.17	128	35918	1.069	ng	# 92
33) 4-Chloroaniline	8.17	127	4662	0.322	ng	# 1
35) Caprolactam	8.60	113	872	0.272	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	2237	0.218	ng	# 51
45) 1,1'-Biphenyl	9.33	154	6074	0.294	ng	96
46) 2-Chloronaphthalene	9.33	162	685	0.042	ng	# 33
47) 2-Nitroaniline	9.43	65	813	0.134	ng	# 14
48) Acenaphthylene	9.77	152	8177	0.325	ng	# 23
49) Dimethylphthalate	9.62	163	50016	2.530	ng	98
50) 2,6-Dinitrotoluene	9.60	165	2699	0.651	ng	# 1
51) Acenaphthene	9.94	154	75679	5.163	ng	98
52) 3-Nitroaniline	9.86	138	597	0.113	ng	# 51
54) Dibenzofuran	10.12	168	23006	1.143	ng	# 93
55) 4-Nitrophenol	10.05	139	1530	0.469	ng	# 50

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 ALS Vial : 13 Sample Multiplier: 1

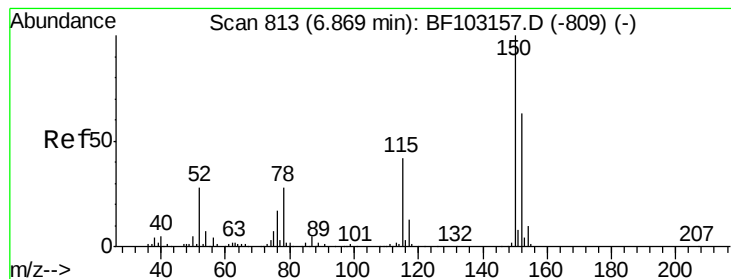
Instrument :
 BNA_F
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 2,4-Dinitrotoluene	10.11	165	2494	0.475	nq	# 38
57) Fluorene	10.46	166	44883	2.619	nq	98
59) Diethylphthalate	10.32	149	13706	0.725	nq	# 90
60) 4-Chlorophenyl-phenylether	10.58	204	122	0.017	nq	# 1
61) 4-Nitroaniline	10.53	138	814	0.155	nq	94
62) Azobenzene	10.62	77	1221	0.063	nq	# 1
65) n-Nitrosodiphenylamine	10.57	169	4394	0.407	nq	# 45
68) Atrazine	11.12	200	156	0.048	nq	# 5
69) Pentachlorophenol	11.22	266	112	0.066	nq	# 19
70) Phenanthrene	11.42	178	73562	4.314	nq	99
71) Anthracene	11.47	178	16481	0.942	nq	98
72) Carbazole	11.63	167	1481	0.085	nq	# 45
73) Di-n-butylphthalate	11.95	149	5041	0.231	nq	# 84
74) Fluoranthene	12.62	202	9397	0.548	nq	80
76) Benzidine	12.99	184	11920	1.096	nq	# 94
77) Pyrene	12.85	202	10439	0.460	nq	# 90
79) Butylbenzylphthalate	13.45	149	801	0.067	nq	# 1
80) Benzo(a)anthracene	14.03	228	3564	0.189	nq	# 67
81) 3,3'-Dichlorobenzidine	13.98	252	226	0.034	nq	# 27
82) Chrysene	14.07	228	4552	0.248	nq	# 70
83) Bis(2-ethylhexyl)phthalate	14.01	149	3992	0.247	nq	# 73
84) Di-n-octyl phthalate	14.63	149	3044	0.116	nq	# 1
85) Indeno(1,2,3-cd)pyrene	17.06	276	4324	0.298	nq	# 80
87) Benzo(b)fluoranthene	15.10	252	5233	0.304	nq	# 59
88) Benzo(k)fluoranthene	15.13	252	4028	0.248	nq	# 54
89) Benzo(a)pyrene	15.47	252	3472	0.226	nq	# 59
90) Dibenzo(a,h)anthracene	17.07	278	2792	0.235	nq	# 57
91) Benzo(a,h,i)perylene	17.52	276	3372	0.290	nq	# 65

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

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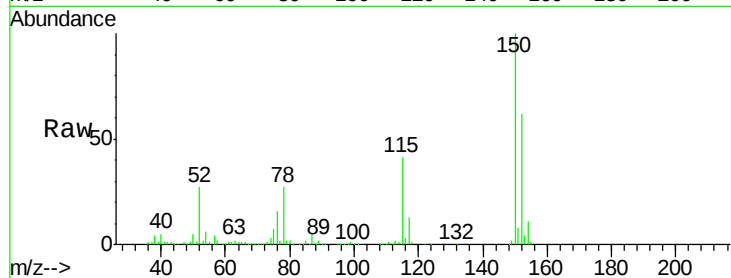
Tot Ion:152 Resp: 167511

Ion Ratio Lower Upper

152 100

150 162.2 124.6 186.8

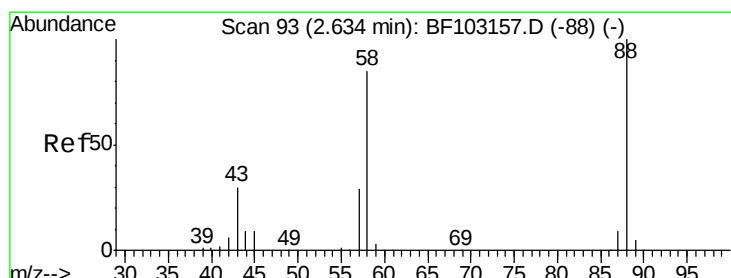
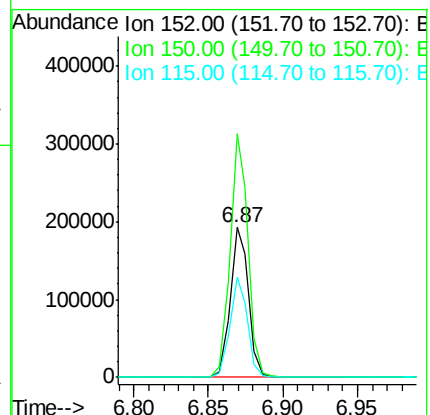
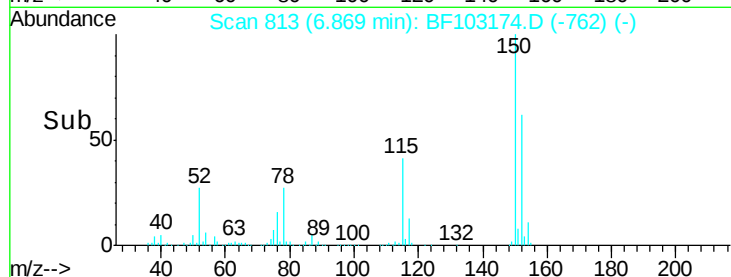
115 66.8 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.019 ng

RT: 2.70 min Scan# 105

Delta R.T. 0.07 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

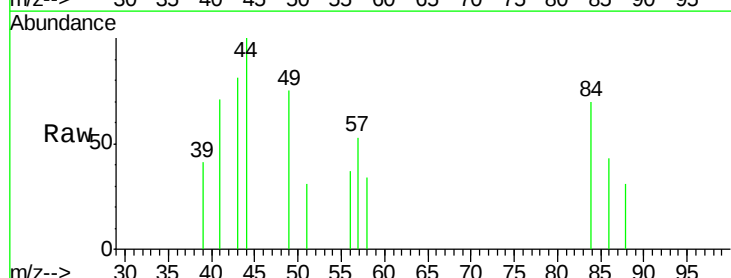
Tgt Ion: 88 Resp: 114

Ion Ratio Lower Upper

88 100

58 243.9 62.6 93.8#

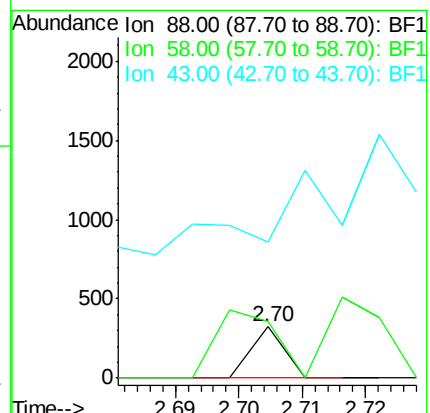
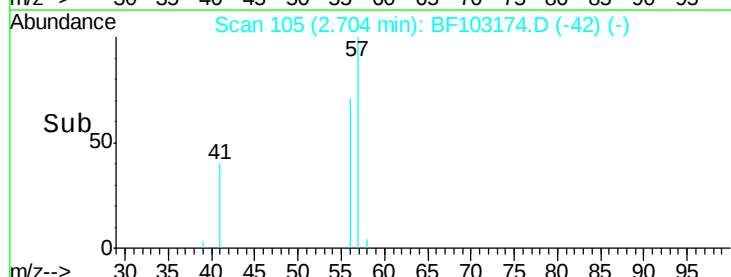
43 0.0 24.6 37.0#

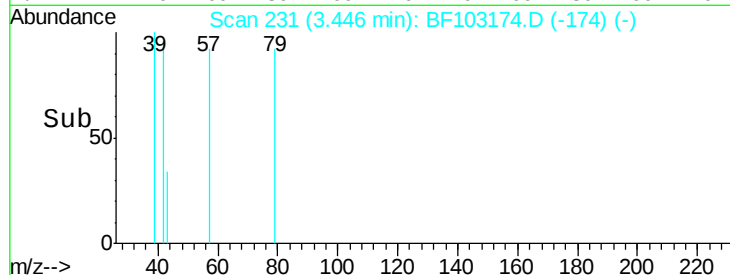
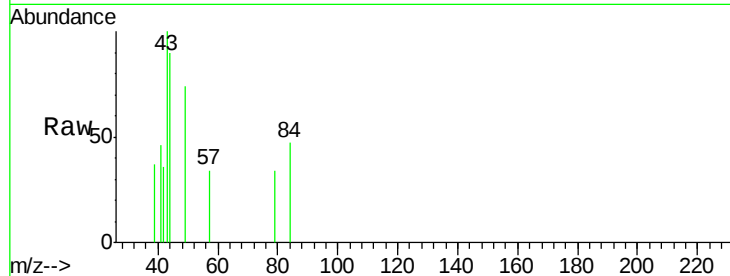
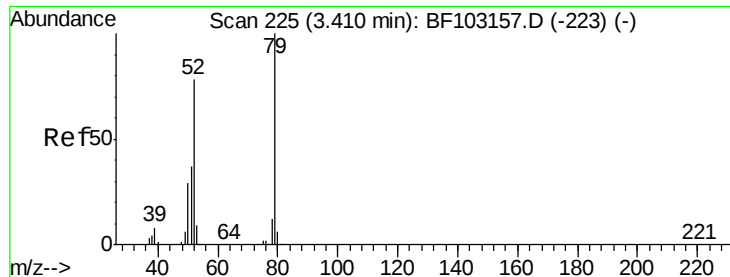


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

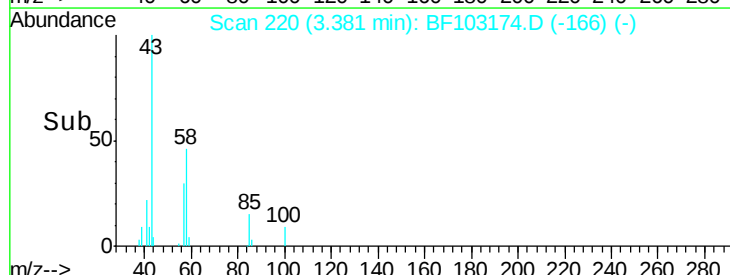
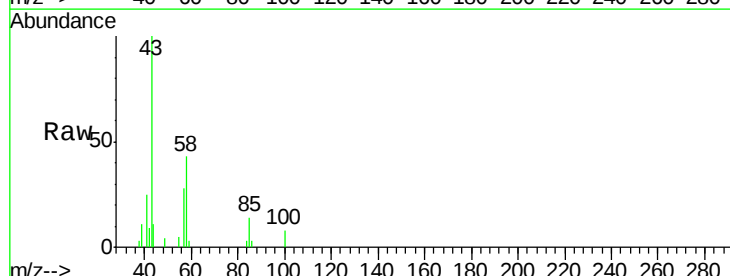
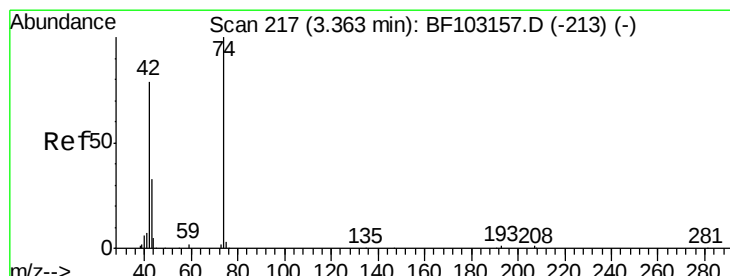
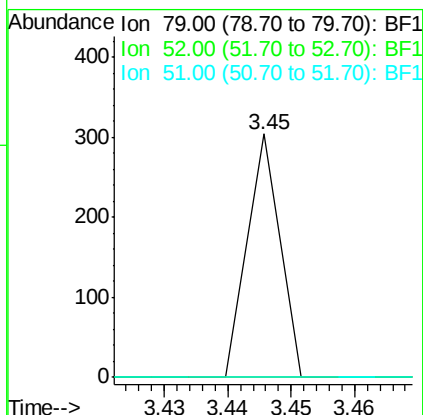




#3
 Pvridine
 Concen: 0.007 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.04 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

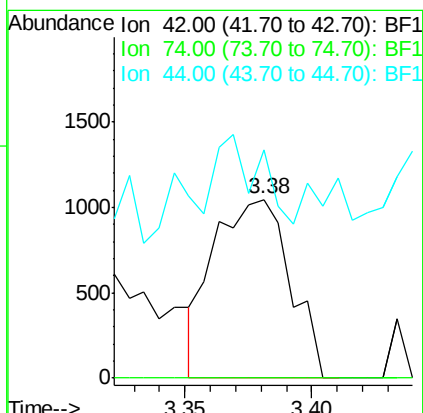
Tot Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	0.0	29.8	44.8#

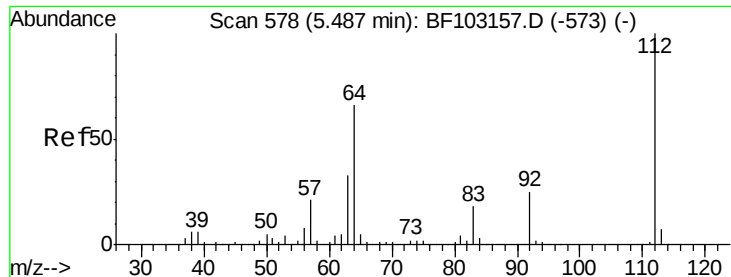
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-257928



#4
 n-Nitrosodimethylamine
 Concen: 0.347 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	127.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 51.767 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

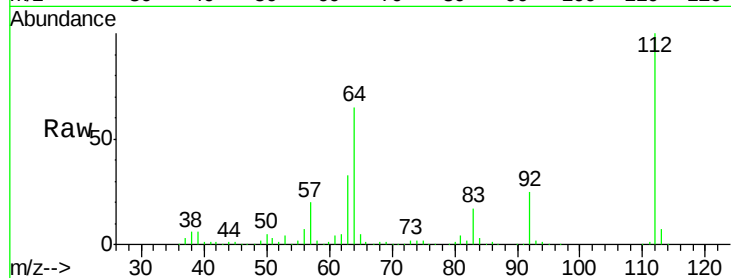
Tot Ion: 112 Resp: 573354

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

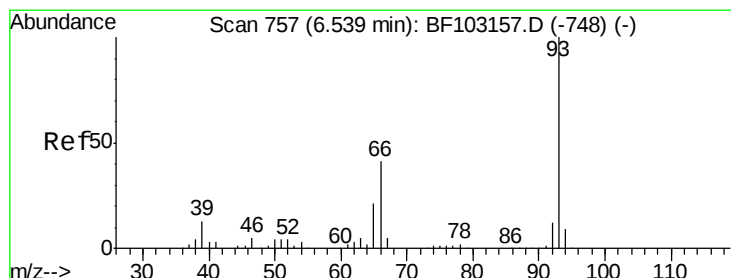
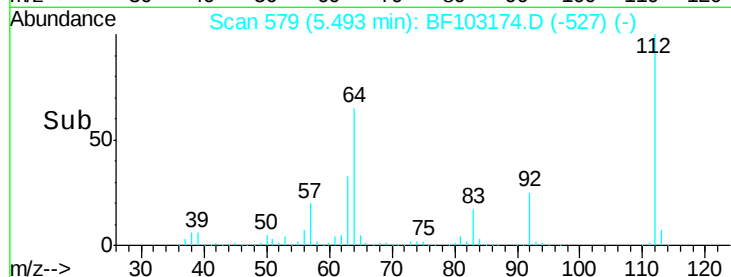
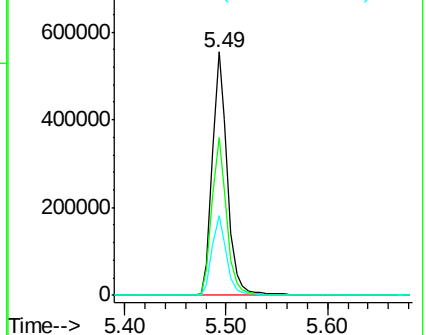
63 32.5 23.7 35.5



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: 0.048 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

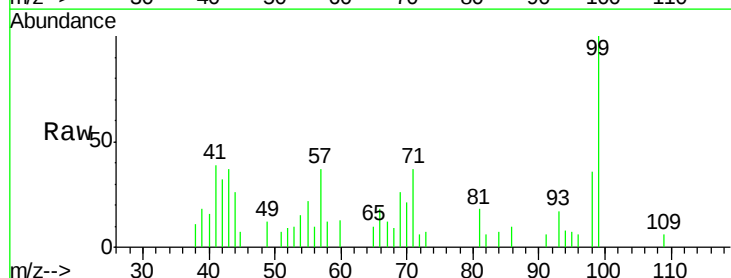
Tgt Ion: 93 Resp: 945

Ion Ratio Lower Upper

93 100

66 103.7 32.2 48.2#

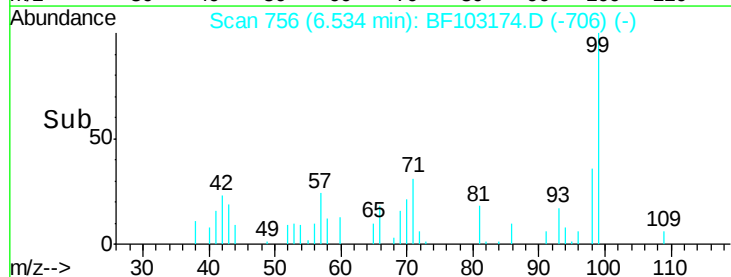
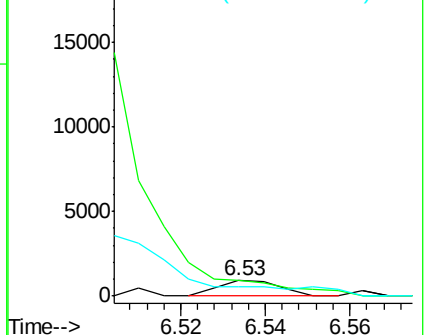
65 58.8 16.4 24.6#

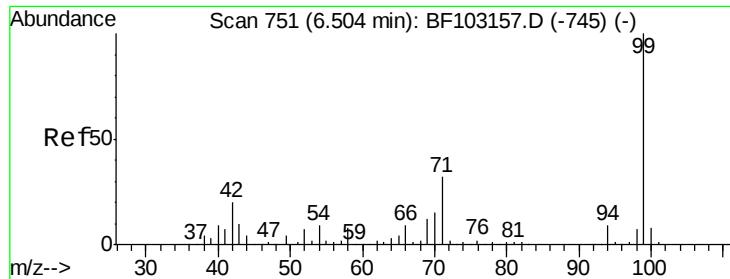


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 30.272 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

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ClientSampleId :

FRAC-TANK-257928

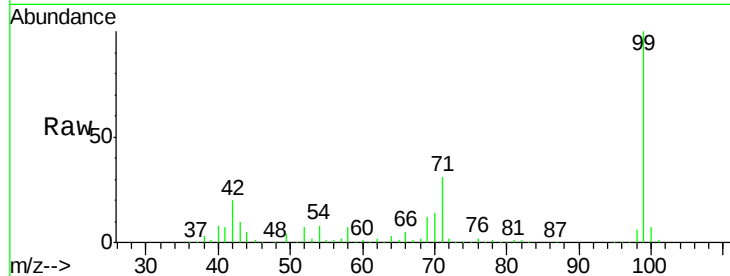
Tot Ion: 99 Resp: 410273

Ion Ratio Lower Upper

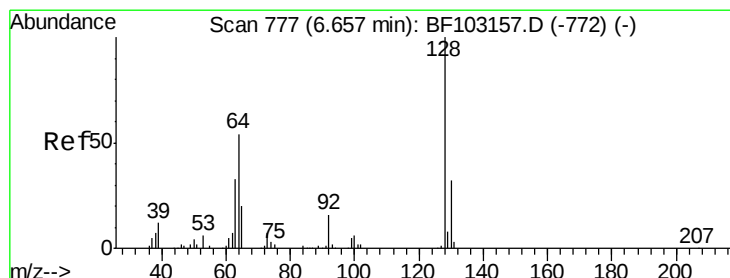
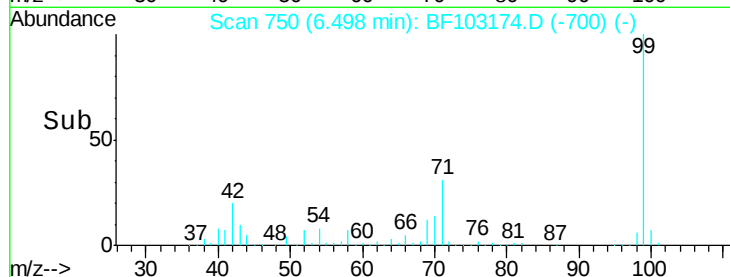
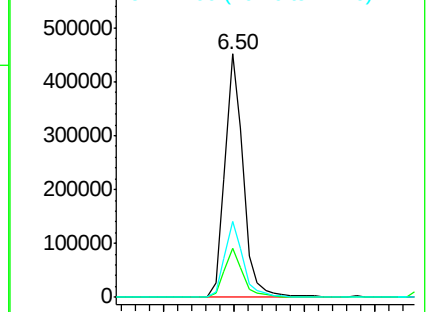
99 100

42 20.2 14.5 21.7

71 31.2 25.4 38.0



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: 0.053 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

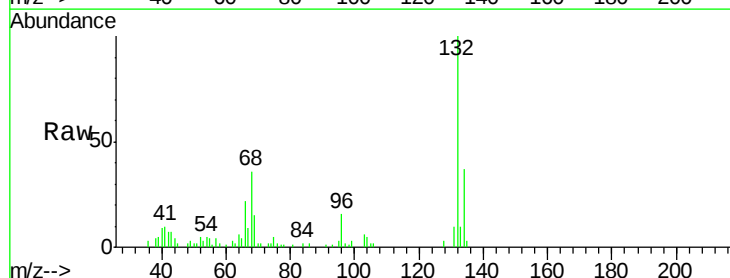
Tgt Ion: 128 Resp: 612

Ion Ratio Lower Upper

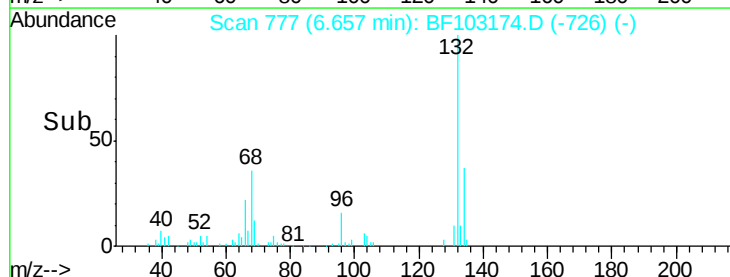
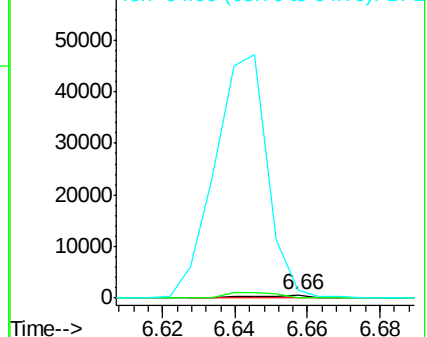
128 100

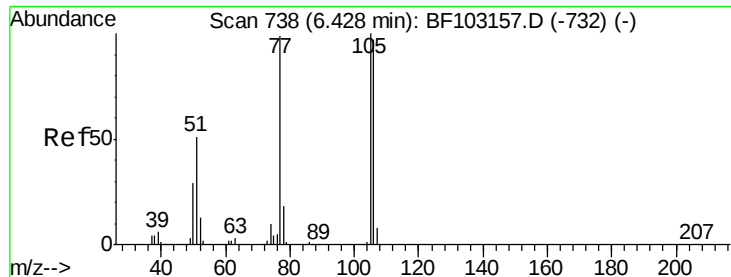
130 0.0 13.0 53.0#

64 238.7 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: 1.495 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.22 min

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FRAC-TANK-257928

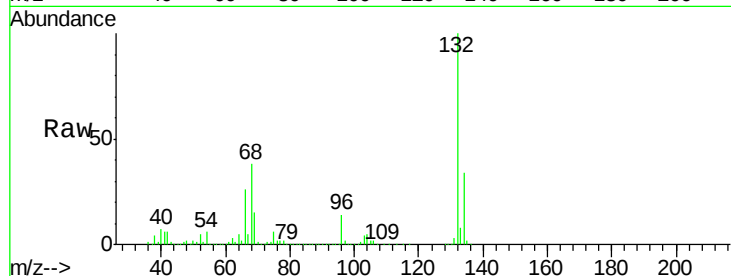
Tot Ion: 77 Resp: 20851

Ion Ratio Lower Upper

77 100

105 86.3 81.1 121.1

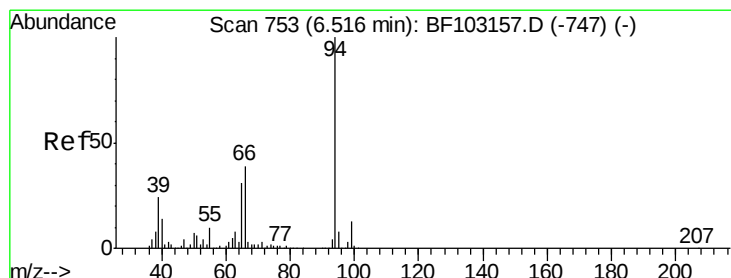
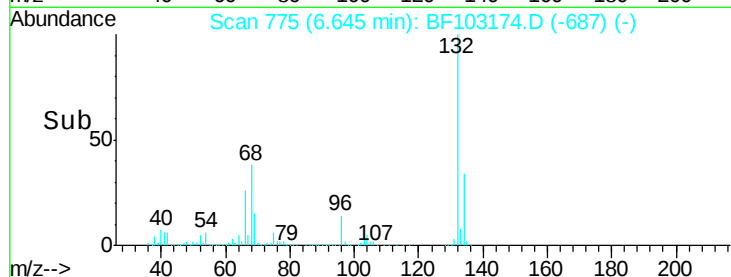
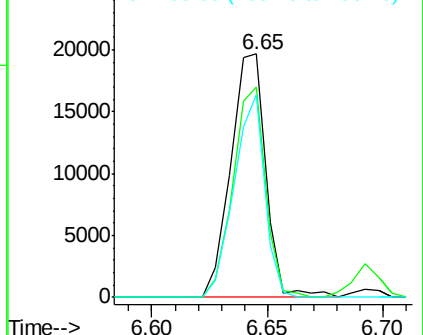
106 83.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.440 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

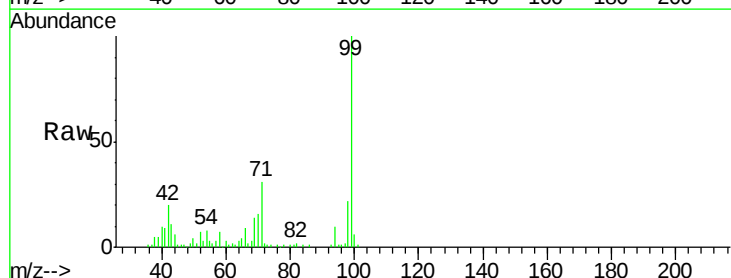
Tgt Ion: 94 Resp: 6924

Ion Ratio Lower Upper

94 100

65 42.6 7.9 47.9

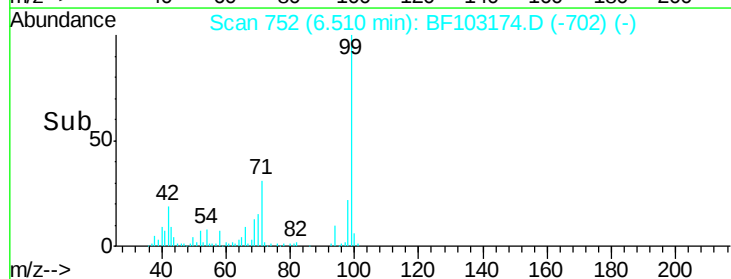
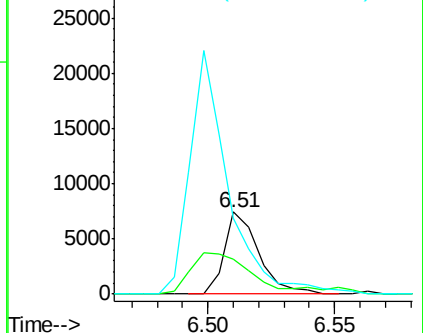
66 92.0 16.2 56.2#

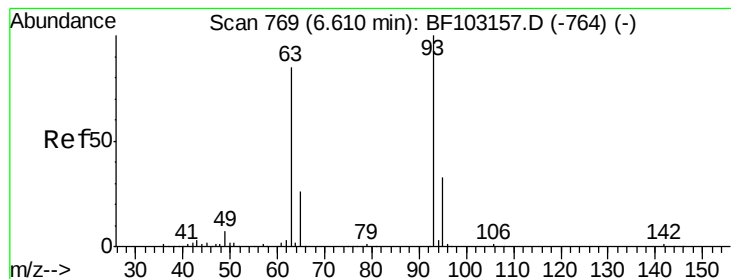


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.033 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

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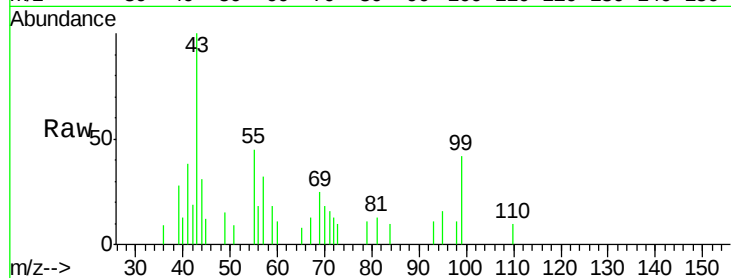
Tot Ion: 93 Resp: 397

Ion Ratio Lower Upper

93 100

63 0.0 58.6 98.6#

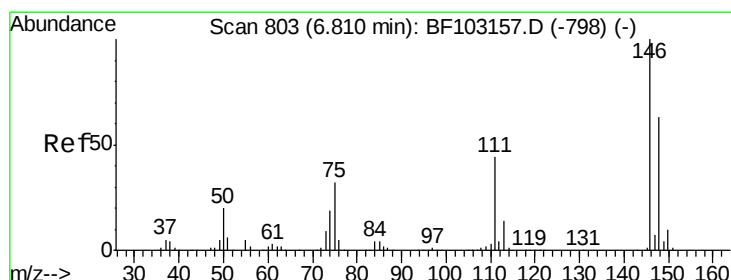
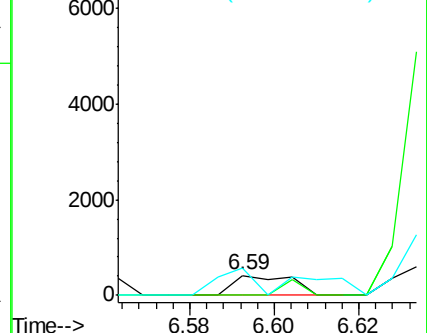
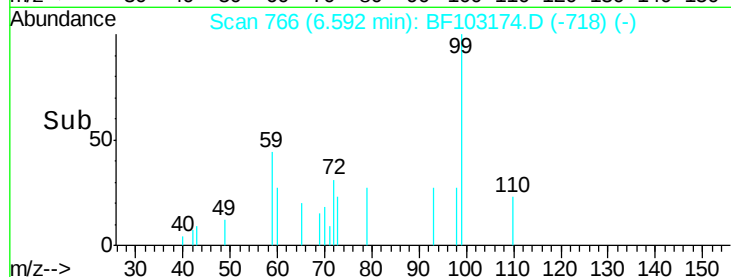
95 139.9 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.032 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.08 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

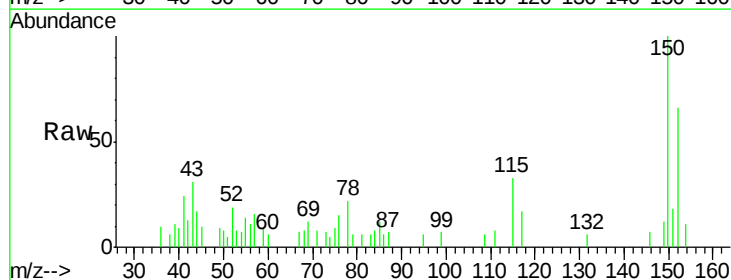
Tgt Ion: 146 Resp: 415

Ion Ratio Lower Upper

146 100

148 0.0 51.8 77.8#

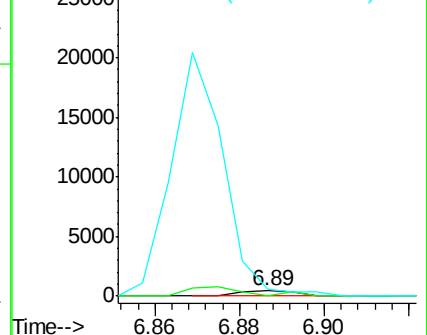
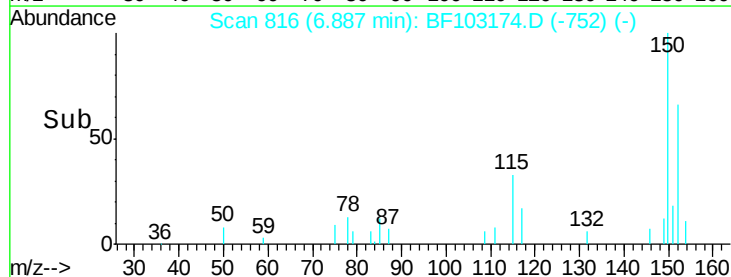
75 128.1 24.2 36.4#

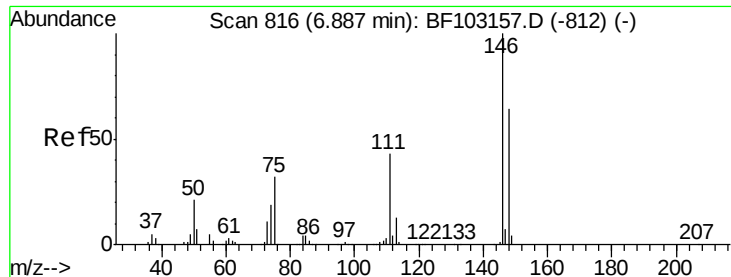


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.031 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

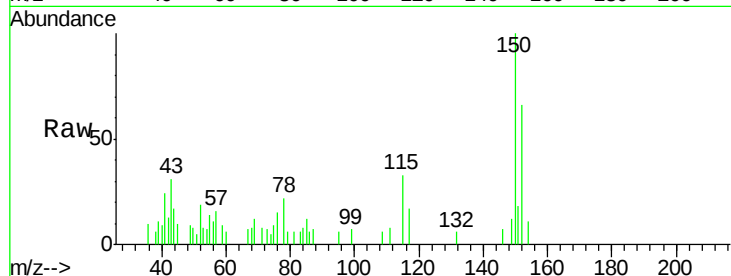
Tot Ion:146 Resp: 415

Ion Ratio Lower Upper

146 100

148 0.0 50.8 76.2#

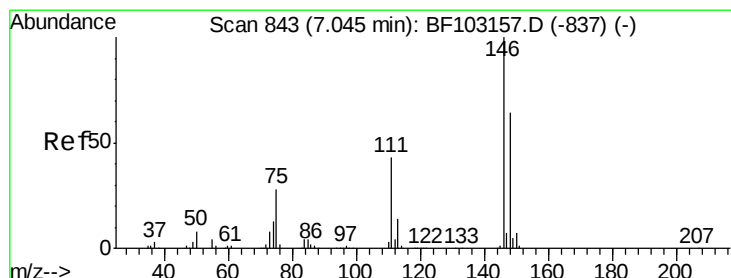
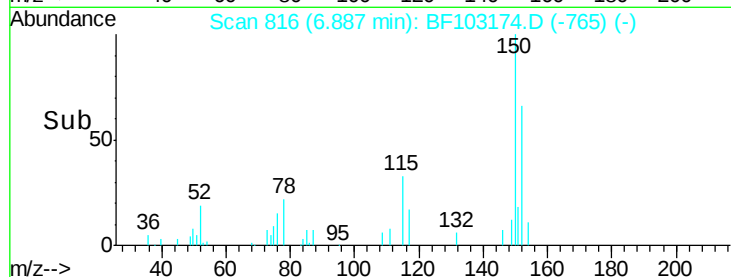
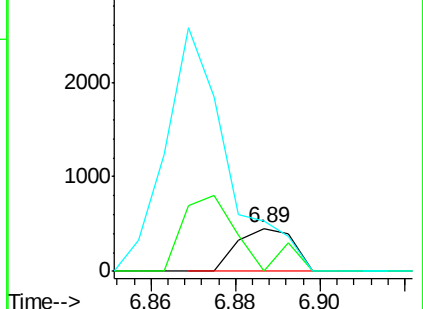
111 115.6 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.020 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

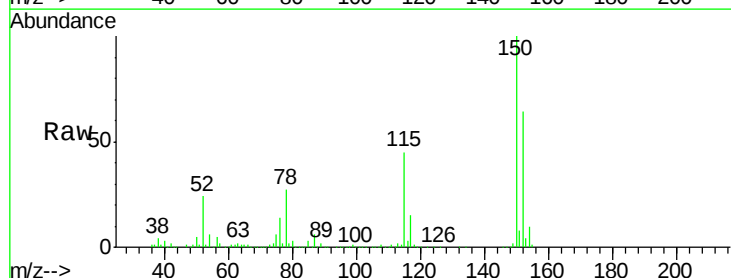
Tgt Ion:146 Resp: 244

Ion Ratio Lower Upper

146 100

148 624.4 50.6 75.8#

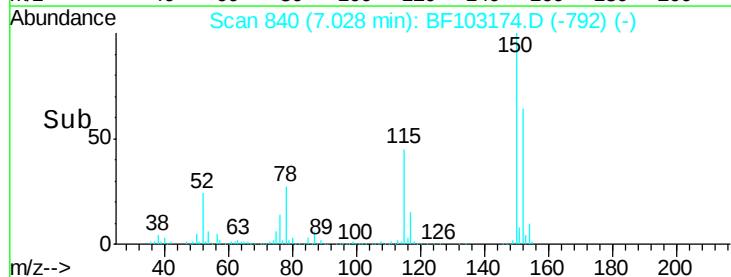
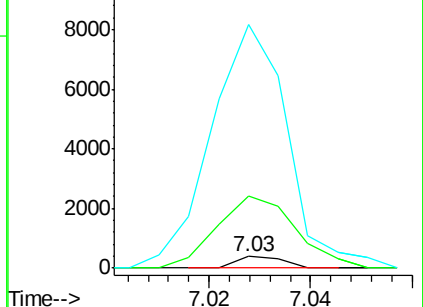
111 2094.1 36.0 54.0#

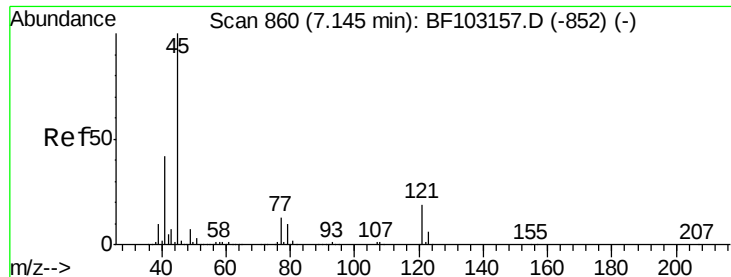


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

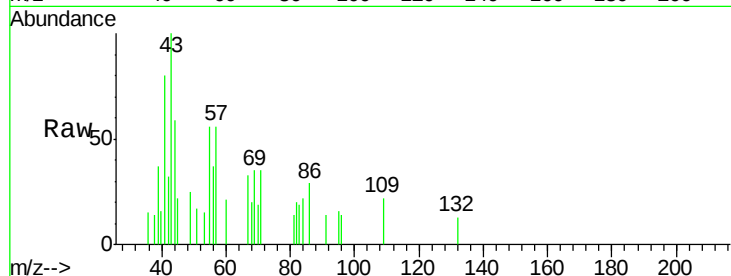




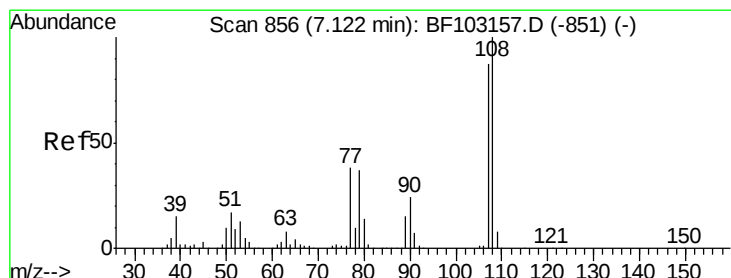
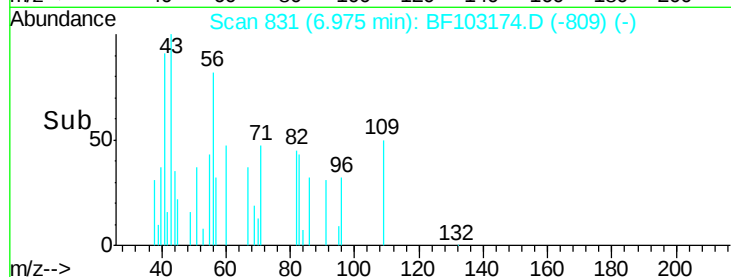
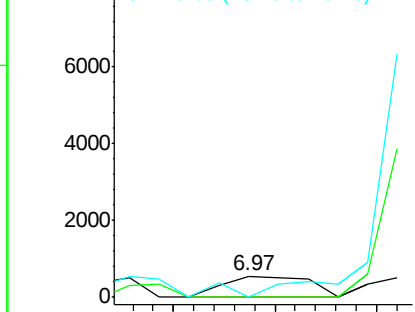
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.032 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.17 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

Tot Ion: 45 Resp: 650
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6

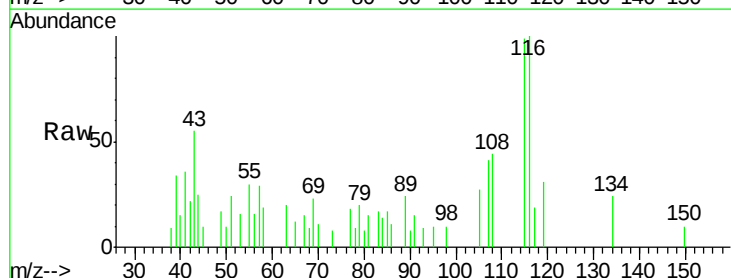


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

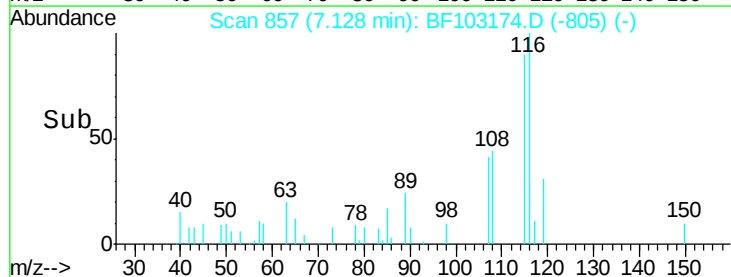
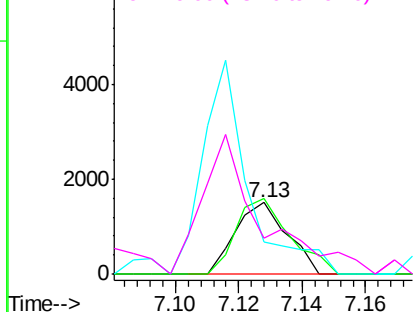


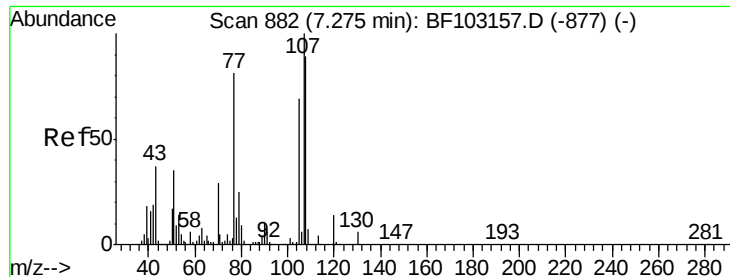
#17
2-Methylphenol
Concen: 0.162 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion: 107 Resp: 1695
Ion Ratio Lower Upper
107 100
108 107.0 91.7 137.5
77 44.7 33.8 50.8
79 50.1 33.8 50.8



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

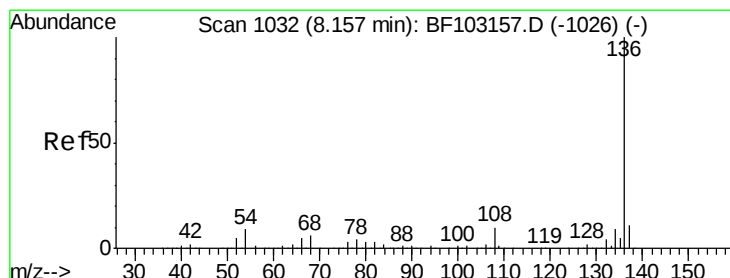
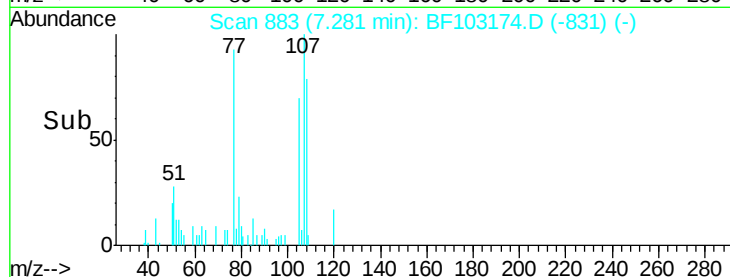
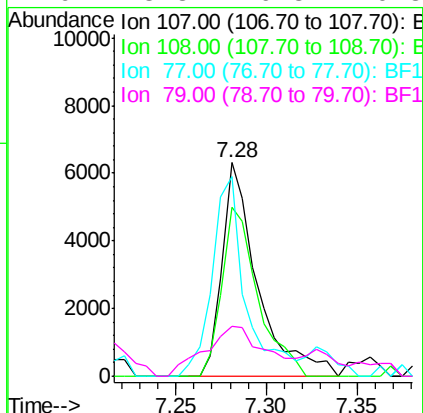
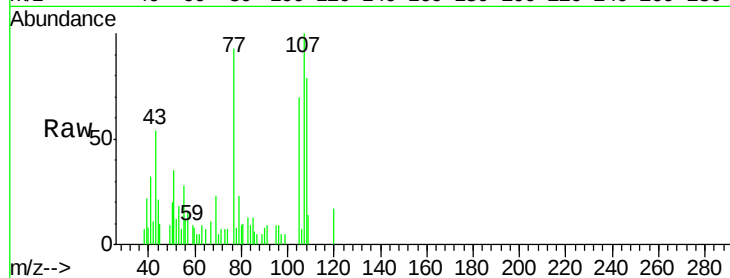




#20
3+4-Methylphenols
Concen: 0.674 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

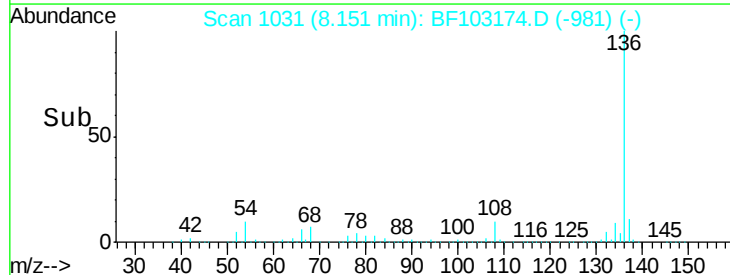
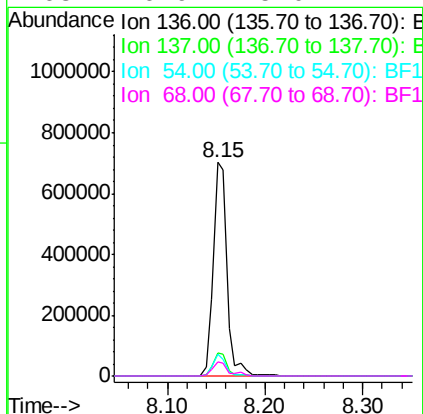
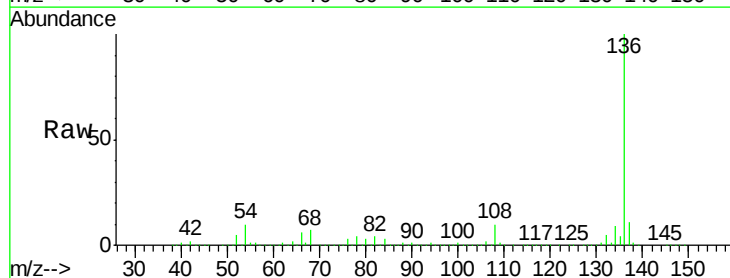
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

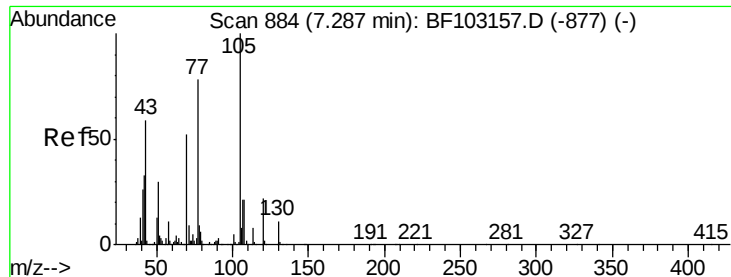
Tot Ion:	107	Resp:	8591
Ion	Ratio	Lower	Upper
107	100		
108	79.3	68.2	108.2
77	93.4	26.7	66.7#
79	23.3	6.3	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:	136	Resp:	686155
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.9	5.0	7.4





#22

Acetophenone

Concen: 0.366 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

Tot Ion:105 Resp: 5866

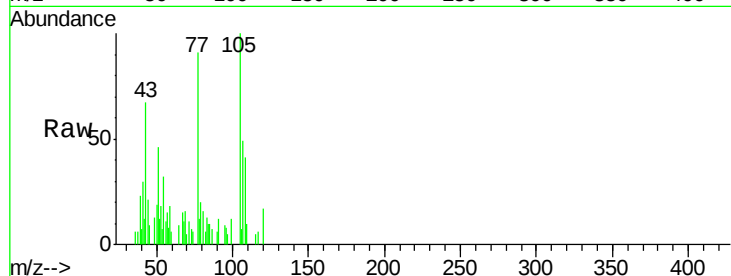
Ion Ratio Lower Upper

105 100

71 11.4 4.4 6.6#

51 46.1 22.3 33.5#

120 17.3 16.9 25.3

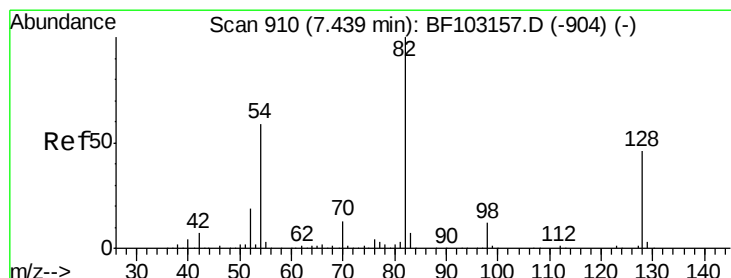
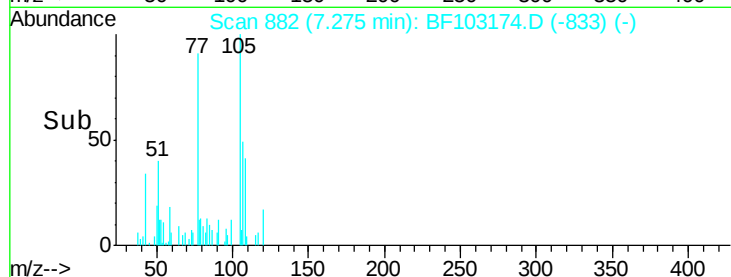
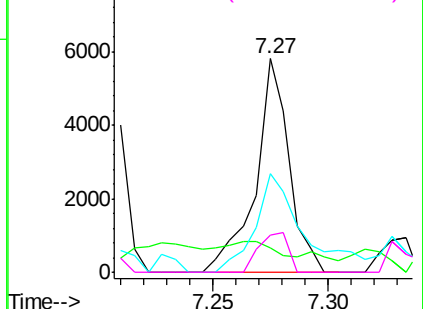


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.301 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

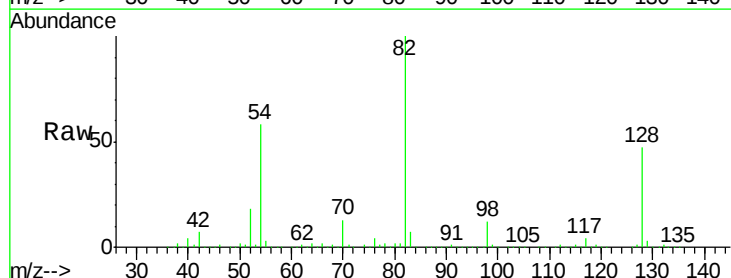
Tgt Ion: 82 Resp: 952795

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

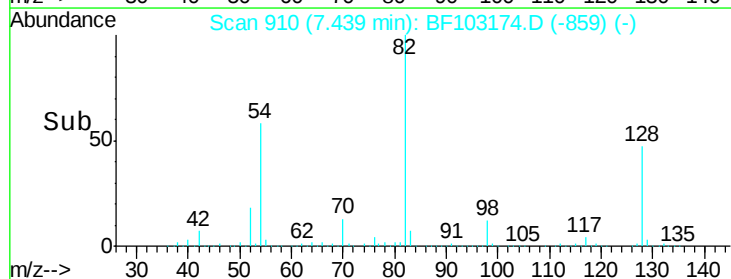
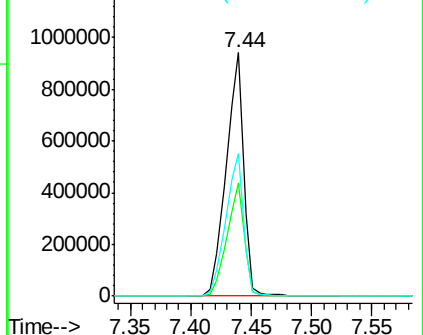
54 58.3 41.4 62.2

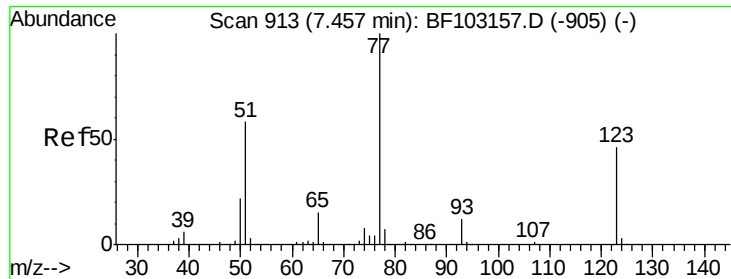


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

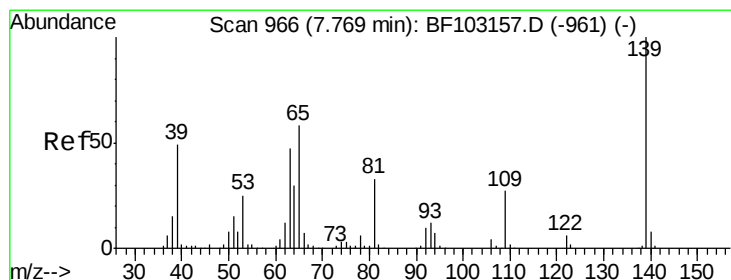
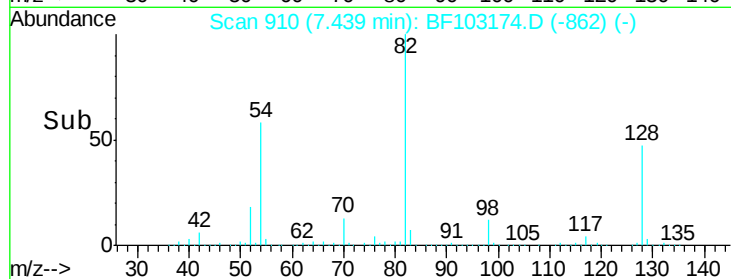
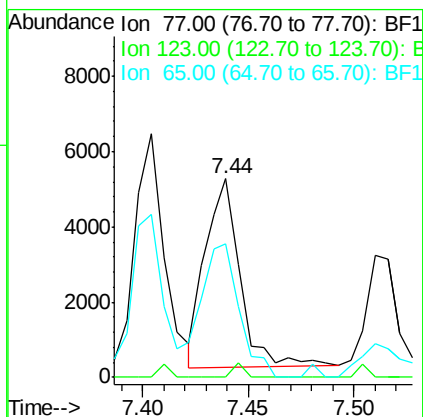
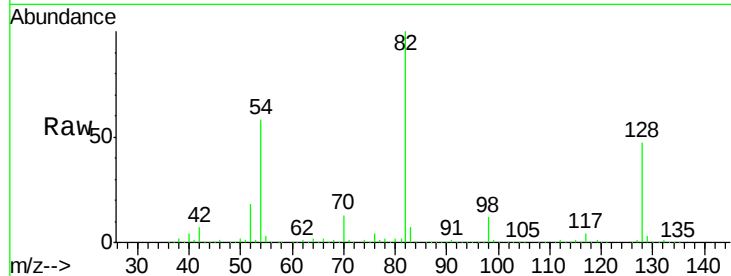




#24
Nitrobenzene
Concen: 0.434 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

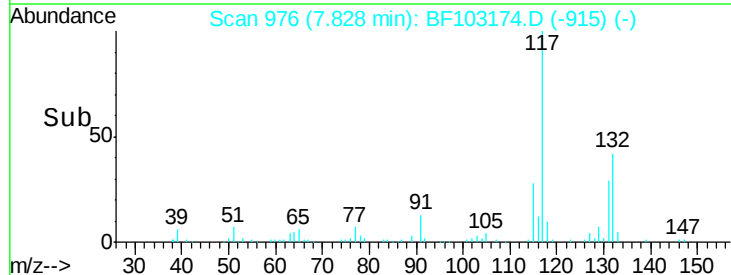
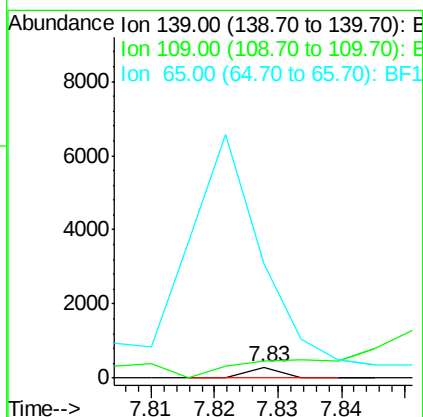
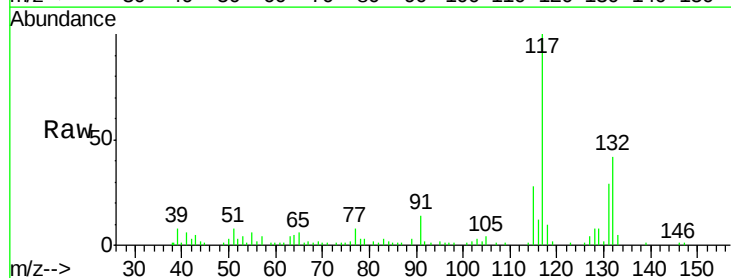
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

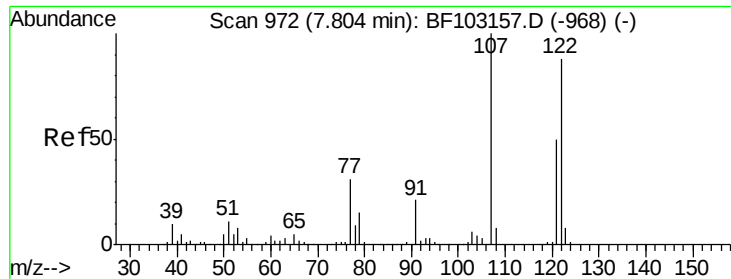
Tot Ion: 77 Resp: 5735
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 67.0 11.0 16.4#



#26
2-Nitrophenol
Concen: 0.017 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.06 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion: 139 Resp: 107
Ion Ratio Lower Upper
139 100
109 152.6 22.7 34.1#
65 1009.9 40.5 60.7#

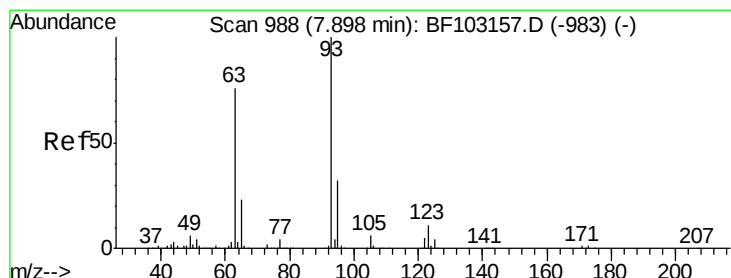
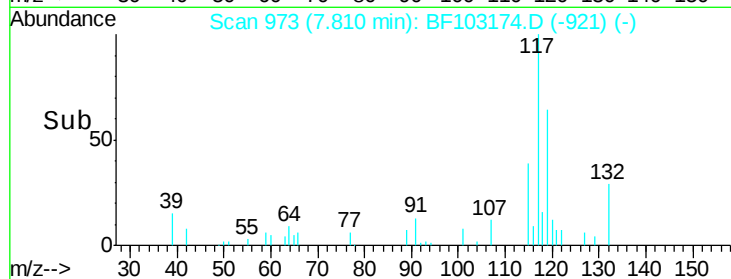
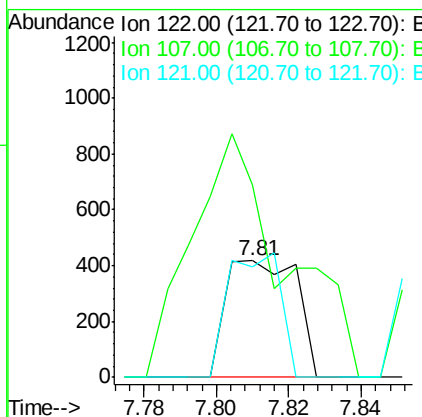
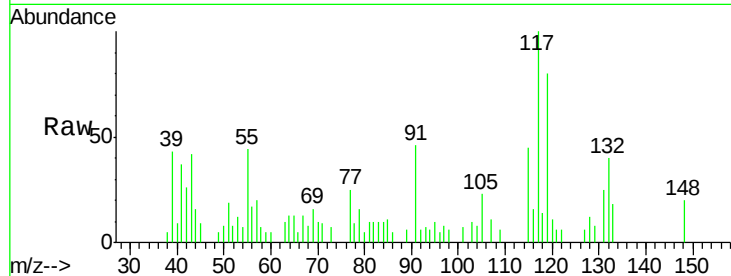




#27
 2,4-Dimethylphenol
 Concen: 0.060 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

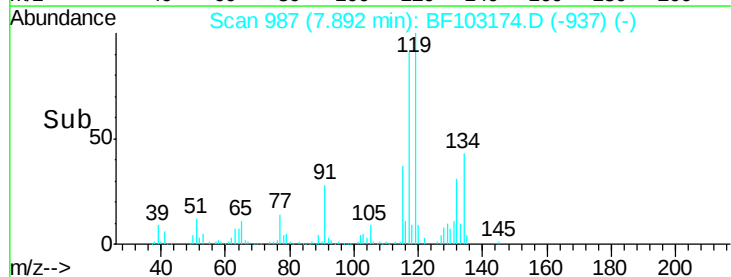
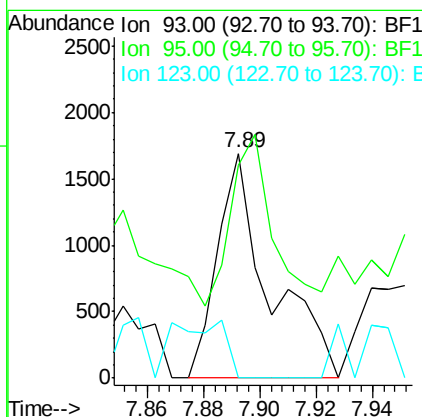
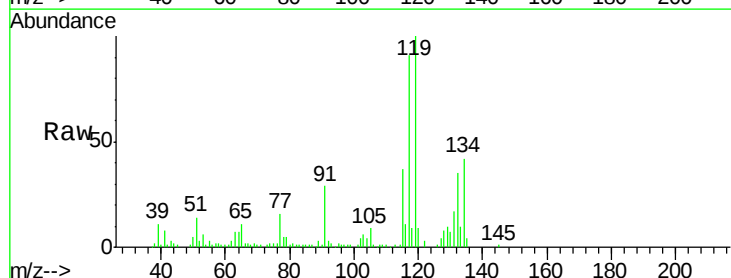
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-257928

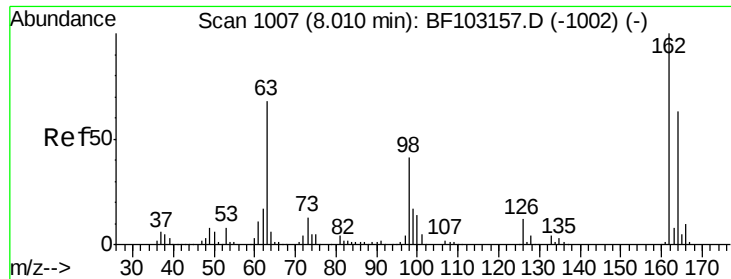
Tot Ion:122 Resp: 567
 Ion Ratio Lower Upper
 122 100
 107 165.5 91.2 136.8#
 121 95.0 47.2 70.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.156 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

Tgt Ion: 93 Resp: 2168
 Ion Ratio Lower Upper
 93 100
 95 95.0 26.3 39.5#
 123 0.0 9.8 14.6#

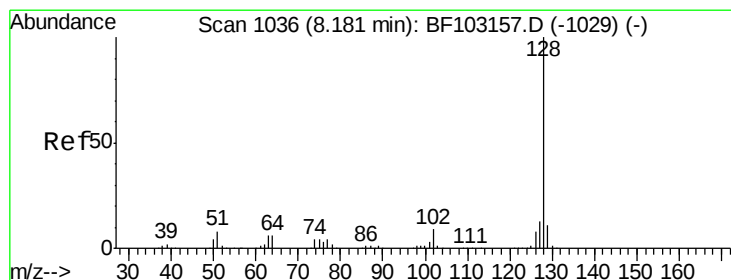
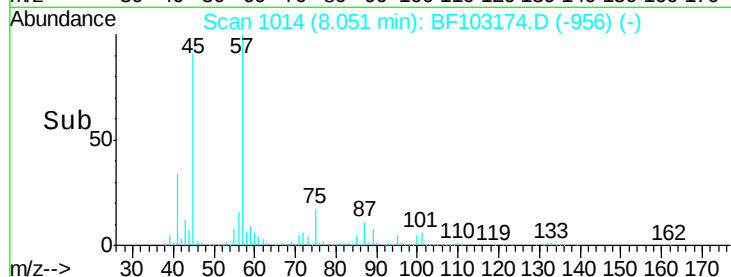
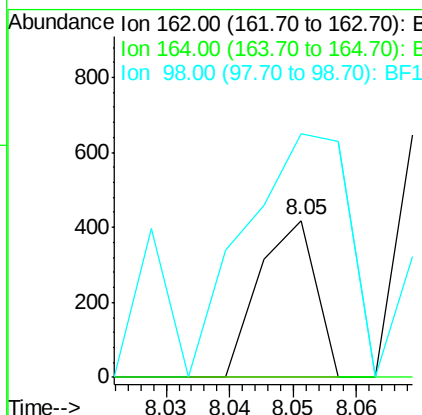
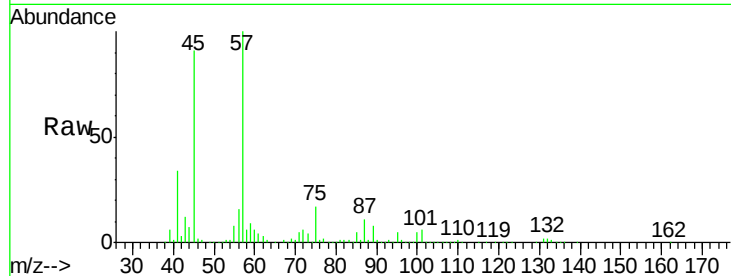




#29
 2,4-Dichlorophenol
 Concen: 0.028 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.04 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

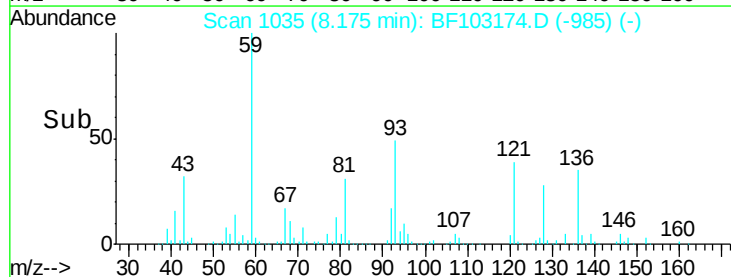
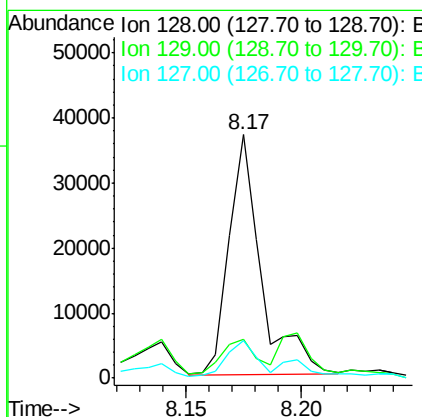
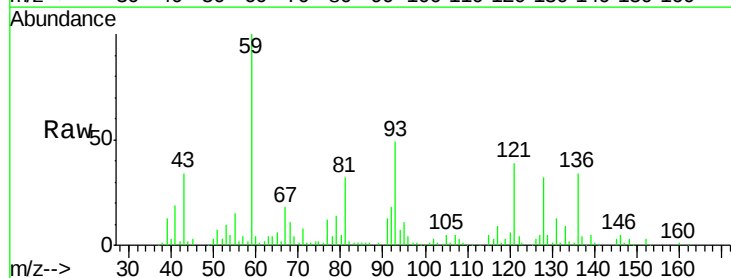
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-257928

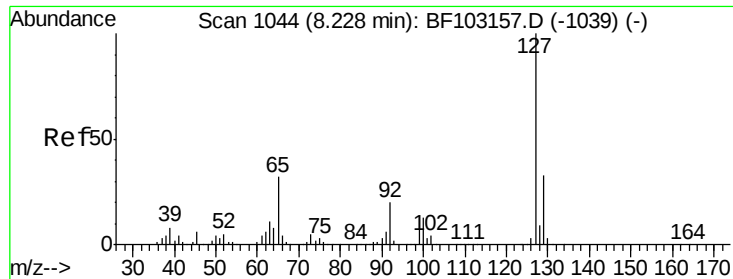
Tot Ion:162 Resp: 259
 Ion Ratio Lower Upper
 162 100
 164 0.0 42.7 82.7#
 98 155.3 18.1 58.1#



#31
 Naphthalene
 Concen: 1.069 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

Tgt Ion:128 Resp: 35918
 Ion Ratio Lower Upper
 128 100
 129 16.0 8.8 13.2#
 127 15.3 10.9 16.3

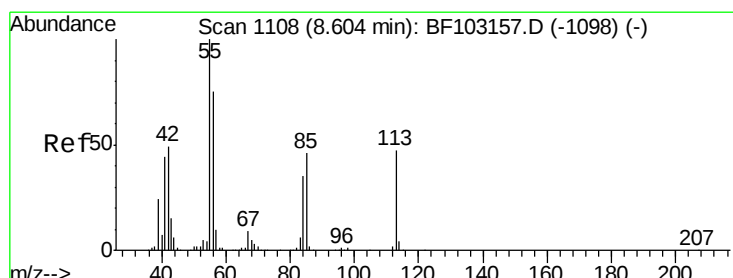
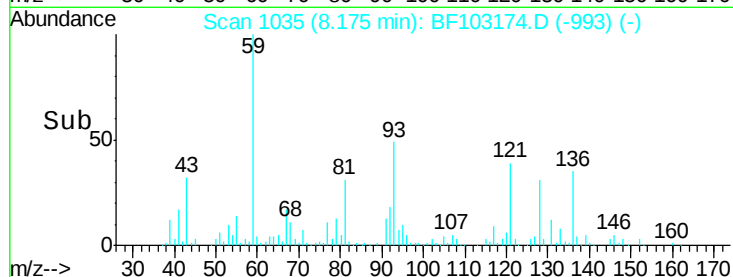
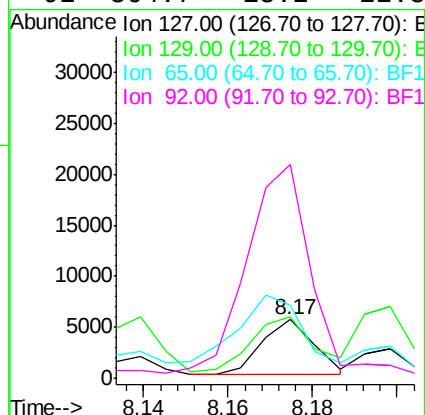
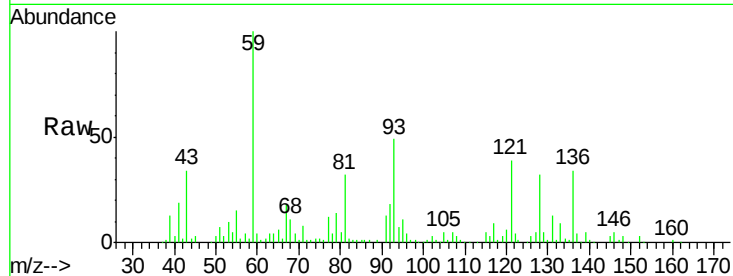




#33
4-Chloroaniline
Concen: 0.322 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

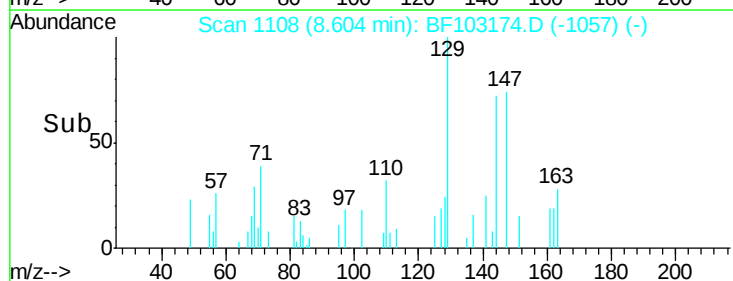
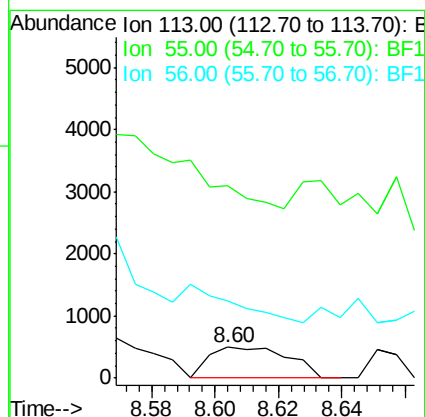
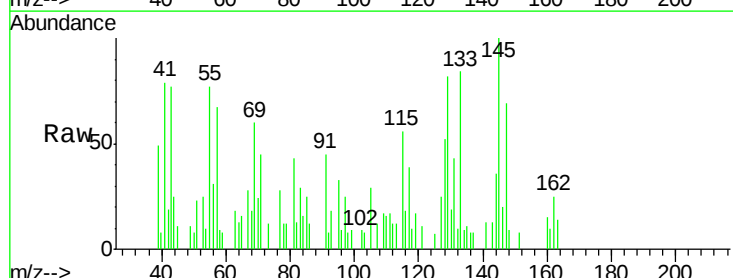
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

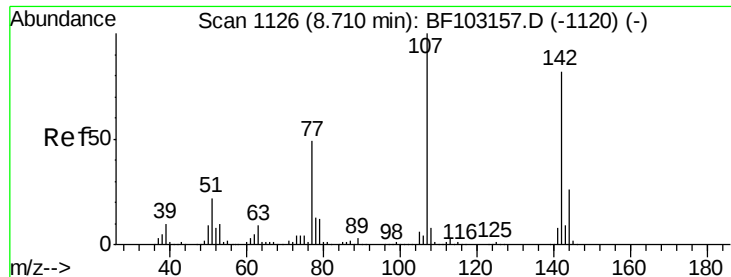
Tot Ion:	127	Resp:	4662
Ion	Ratio	Lower	Upper
127	100		
129	104.5	25.9	38.9#
65	123.9	25.0	37.4#
92	364.7	15.2	22.8#



#35
Caprolactam
Concen: 0.272 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:	113	Resp:	872
Ion	Ratio	Lower	Upper
113	100		
55	632.4	163.3	203.3#
56	254.8	115.7	155.7#

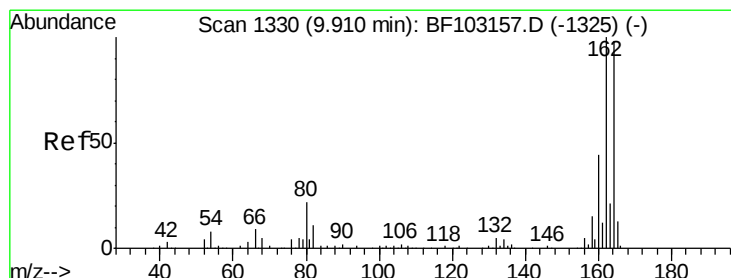
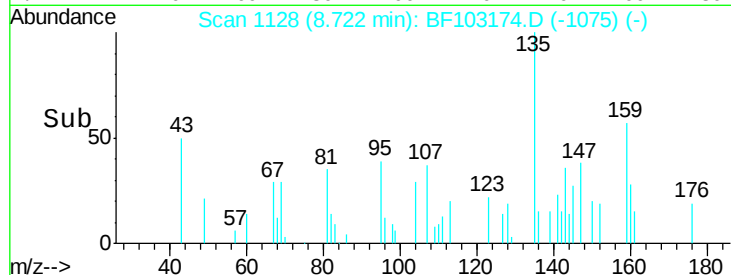
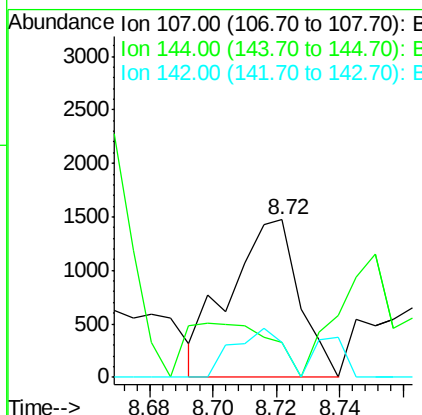
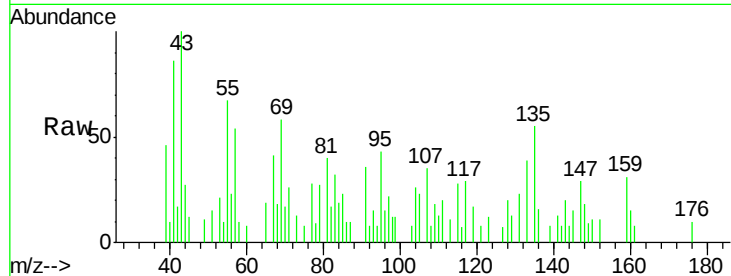




#36
4-Chloro-3-methylphenol
Concen: 0.218 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

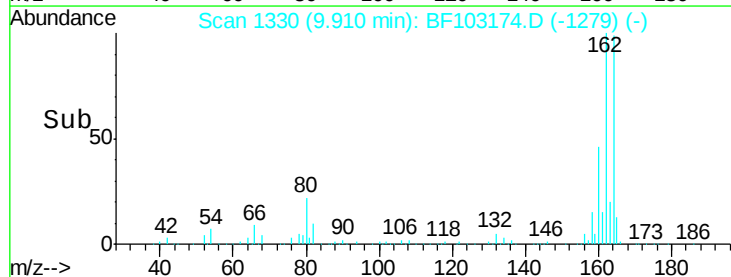
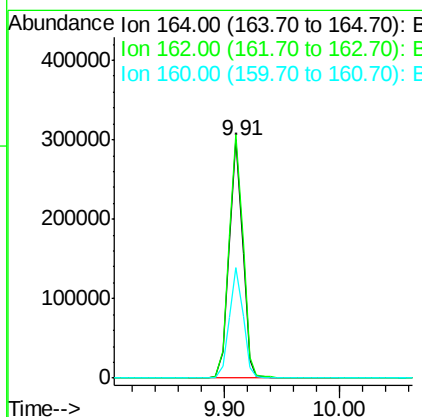
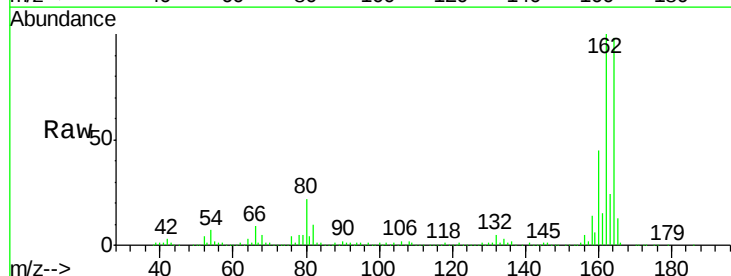
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

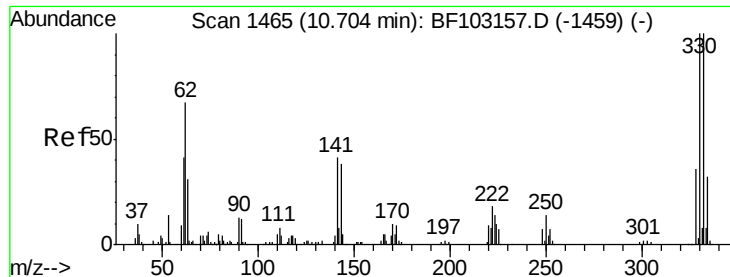
Tot Ion:107 Resp: 2237
Ion Ratio Lower Upper
107 100
144 22.3 20.5 30.7
142 22.5 62.0 93.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:164 Resp: 246427
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 46.4 38.3 57.5

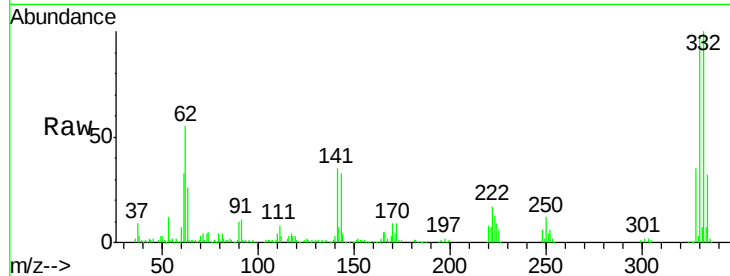




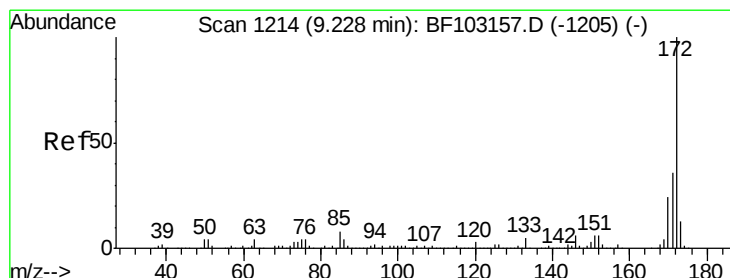
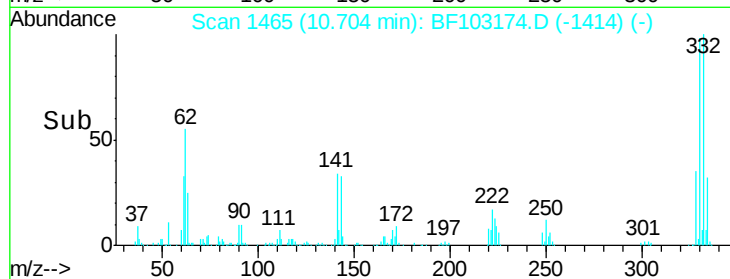
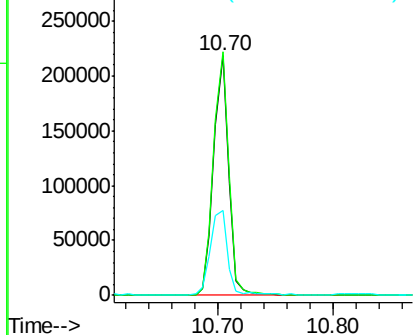
#41
 2,4,6-Tribromophenol
 Concen: 95.694 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-257928

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	39.9	29.9	44.9

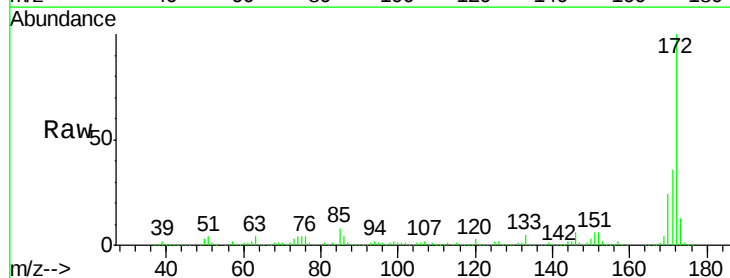


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

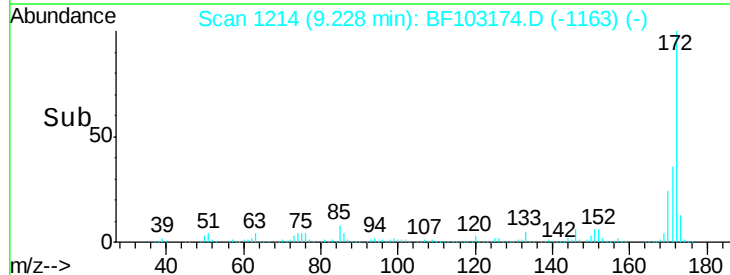
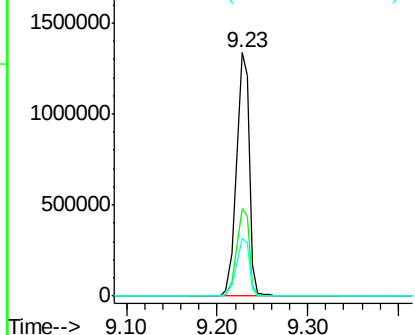


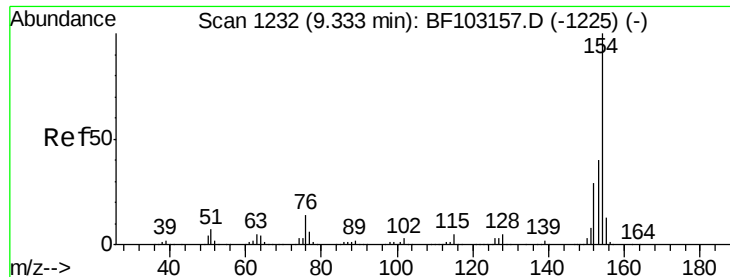
#44
 2-Fluorobiphenyl
 Concen: 98.163 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103174.D
 Acq: 22 Feb 2018 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	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: 0.294 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

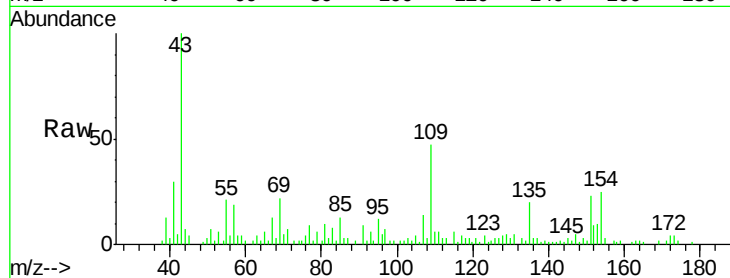
Tot Ion:154 Resp: 6074

Ion Ratio Lower Upper

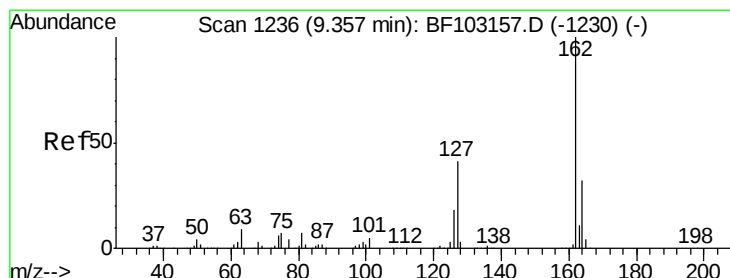
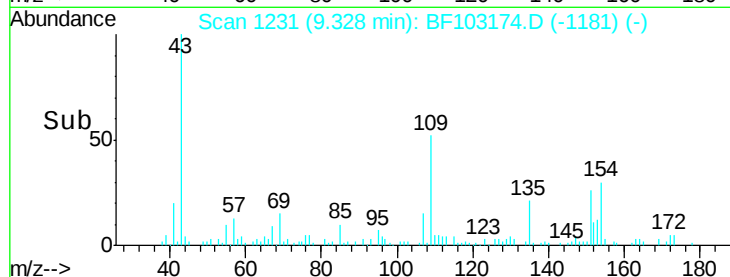
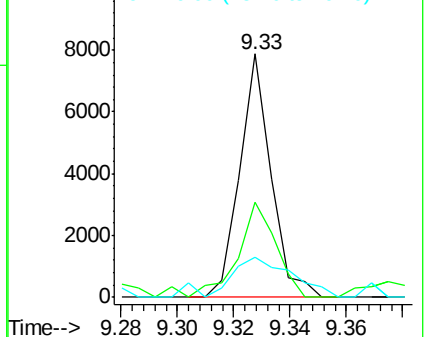
154 100

153 39.1 21.3 61.3

76 16.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 0.042 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

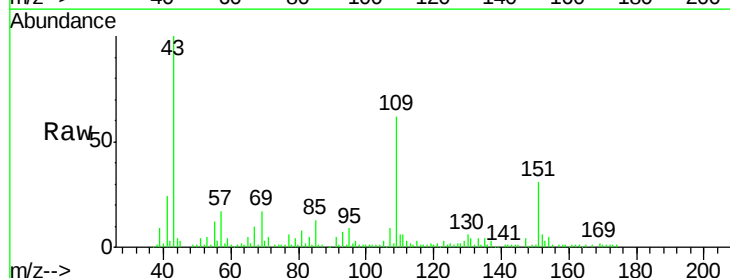
Tgt Ion:162 Resp: 685

Ion Ratio Lower Upper

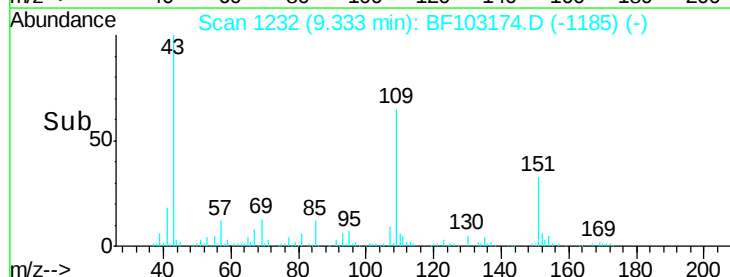
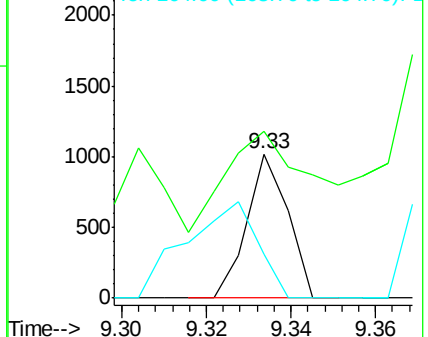
162 100

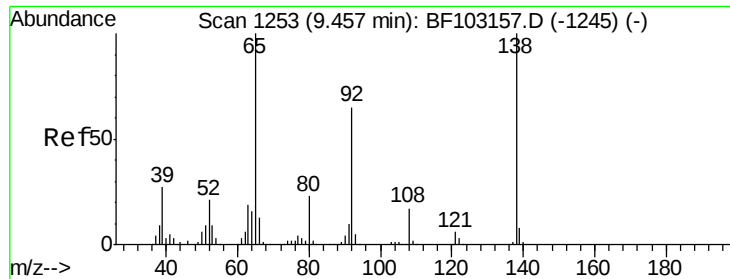
127 116.0 33.9 50.9#

164 31.0 26.5 39.7



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

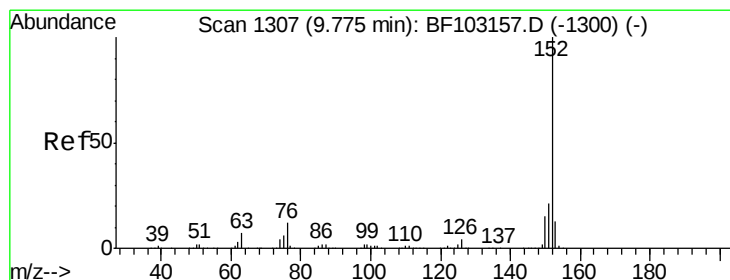
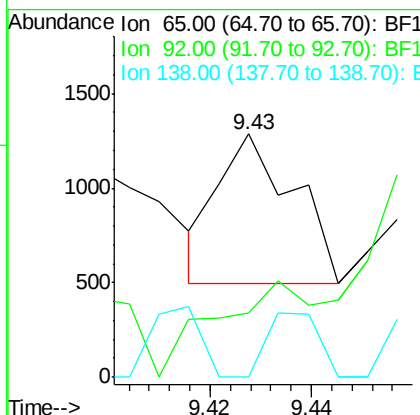
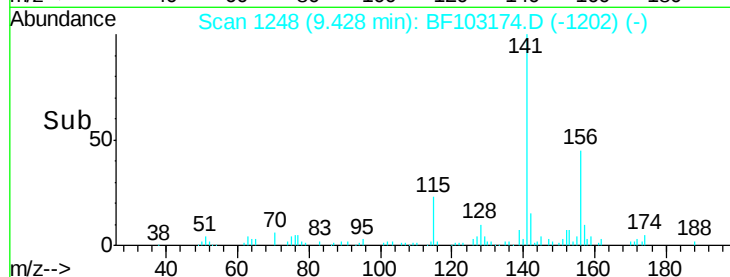
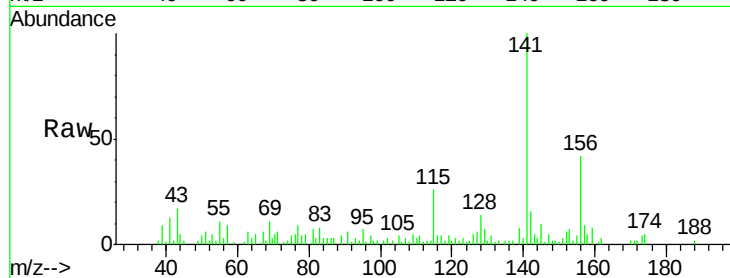




#47
2-Nitroaniline
Concen: 0.134 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.03 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

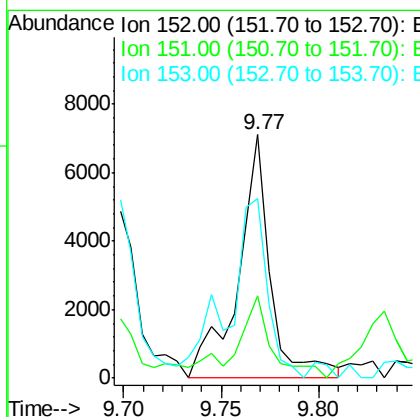
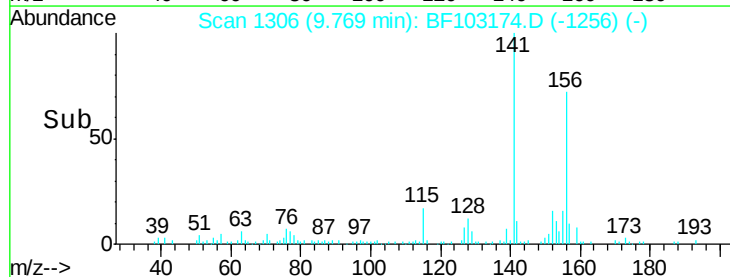
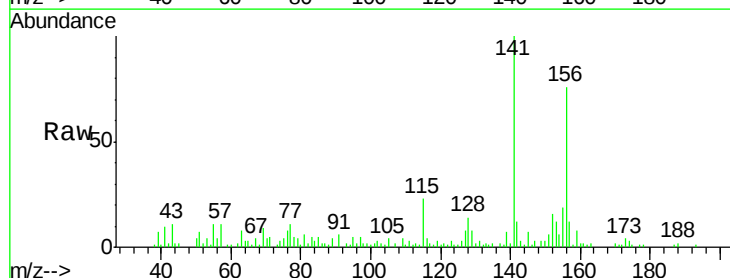
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

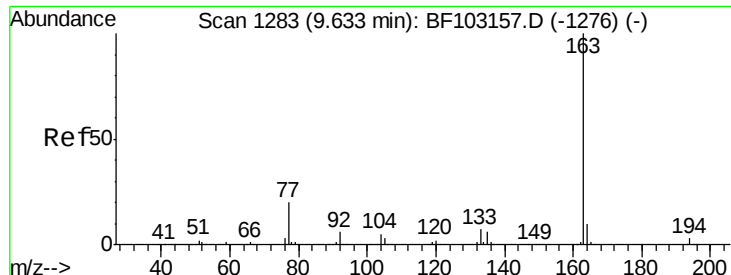
Tot Ion: 65 Resp: 813
Ion Ratio Lower Upper
65 100
92 26.3 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 0.325 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion: 152 Resp: 8177
Ion Ratio Lower Upper
152 100
151 33.9 16.3 24.5#
153 73.6 10.7 16.1#

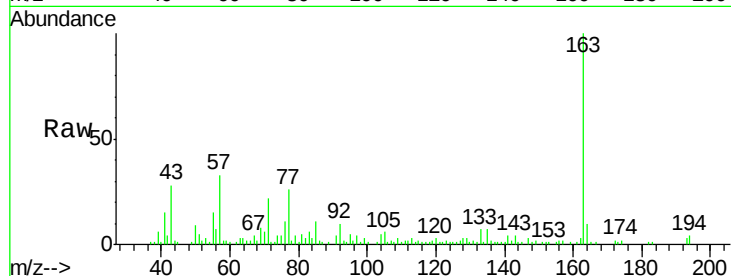




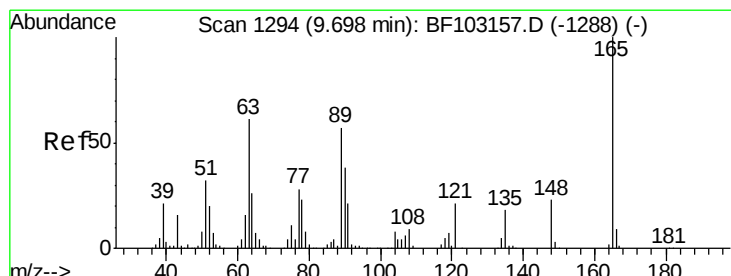
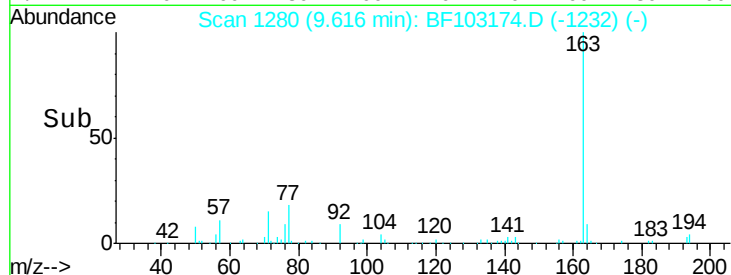
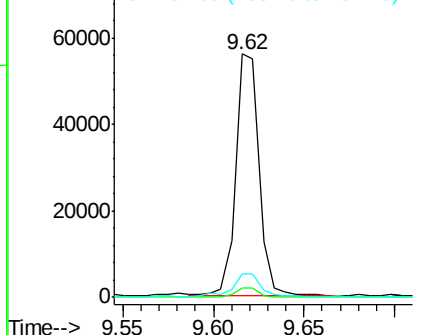
#49
Dimethylphthalate
Concen: 2.530 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

Tot Ion:163 Resp: 50016
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.6 8.2 12.2

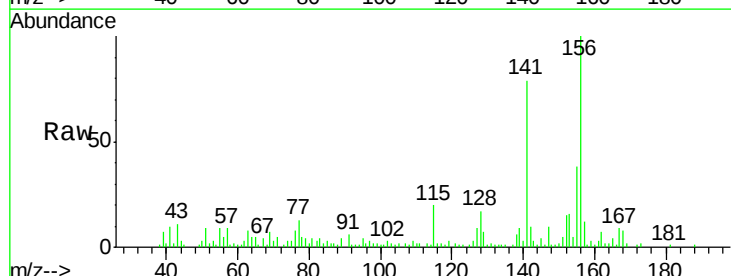


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

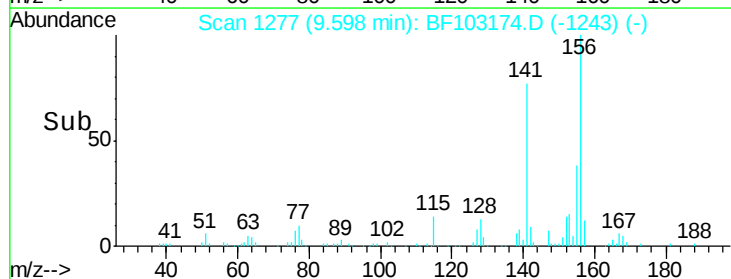
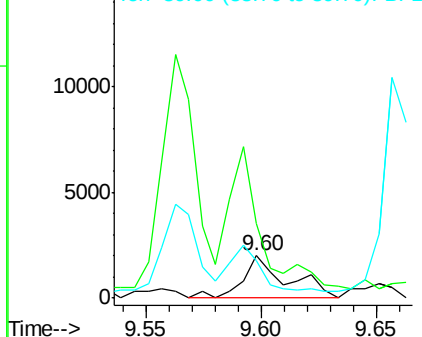


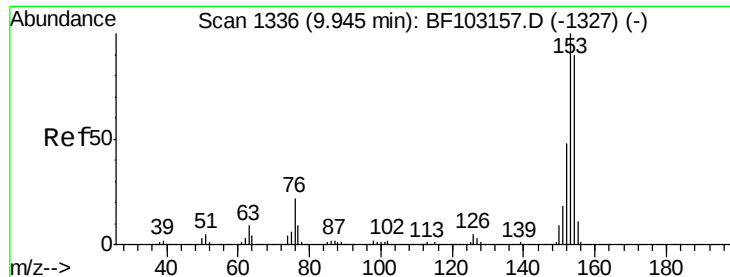
#50
2,6-Dinitrotoluene
Concen: 0.651 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.10 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:165 Resp: 2699
Ion Ratio Lower Upper
165 100
63 176.9 44.7 67.1#
89 90.4 44.0 66.0#



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





#51

Acenaphthene

Concen: 5.163 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

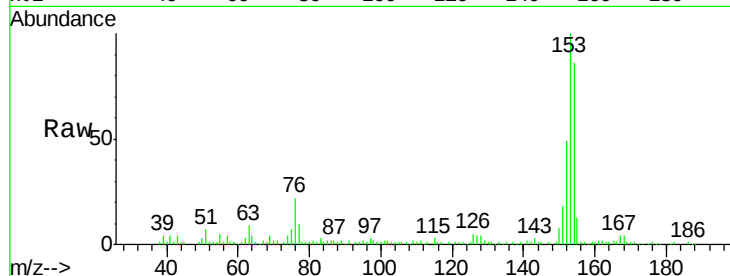
Tot Ion:154 Resp: 75679

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

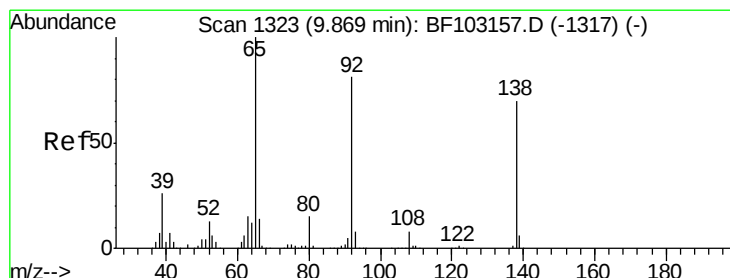
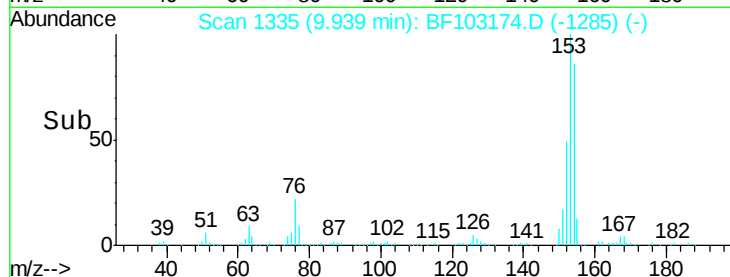
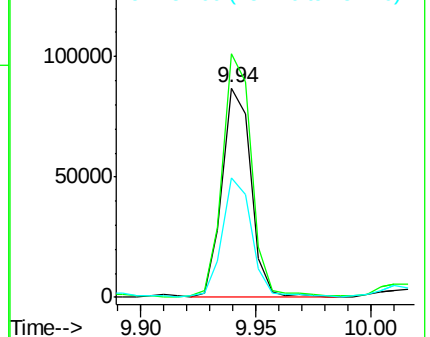
152 57.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.113 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

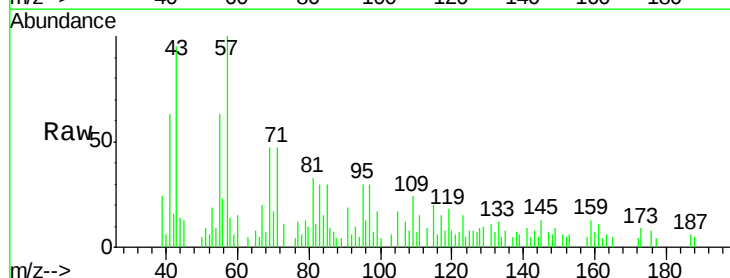
Tgt Ion:138 Resp: 597

Ion Ratio Lower Upper

138 100

108 119.8 9.4 14.0#

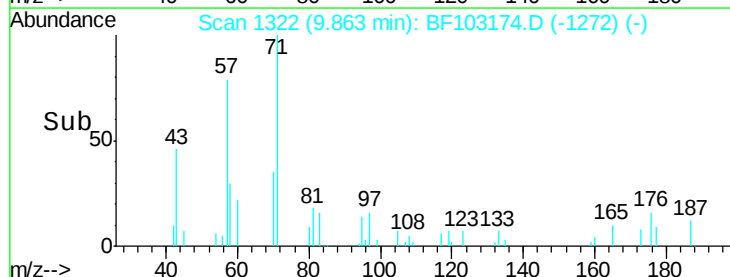
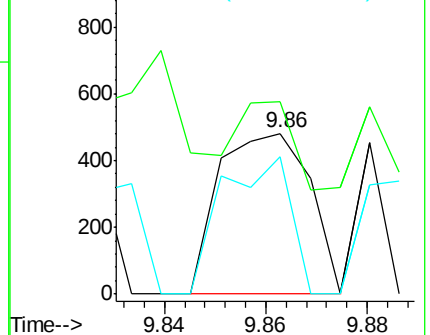
92 85.7 89.4 134.2#

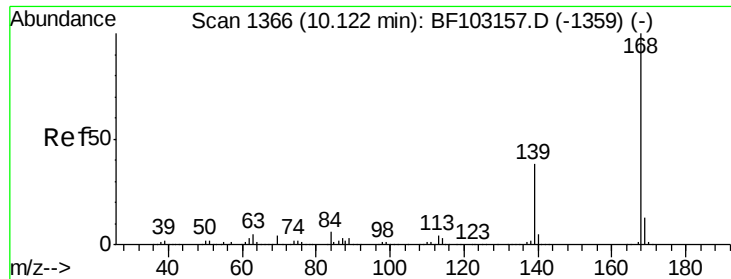


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 1.143 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

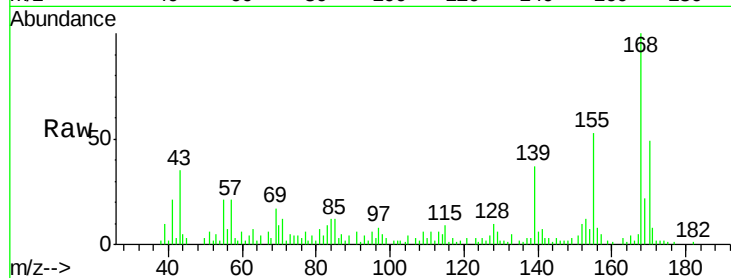
Tot Ion:168 Resp: 23006

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

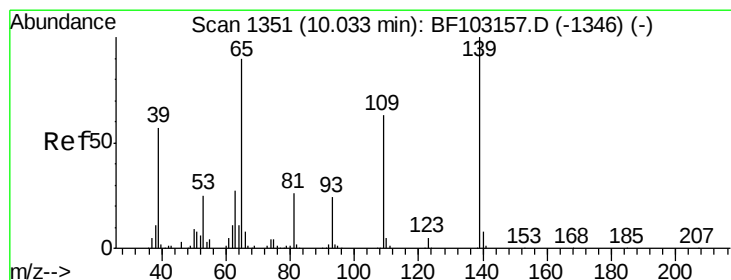
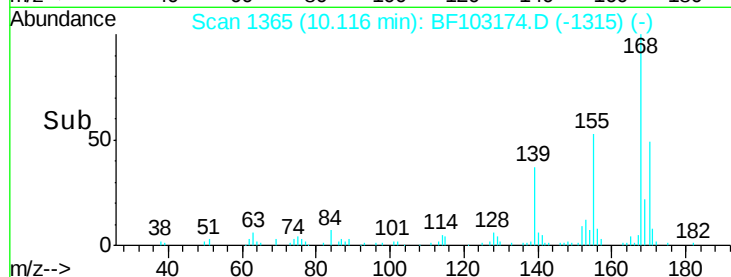
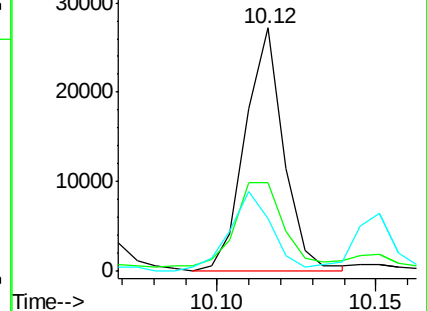
169 21.8 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.469 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

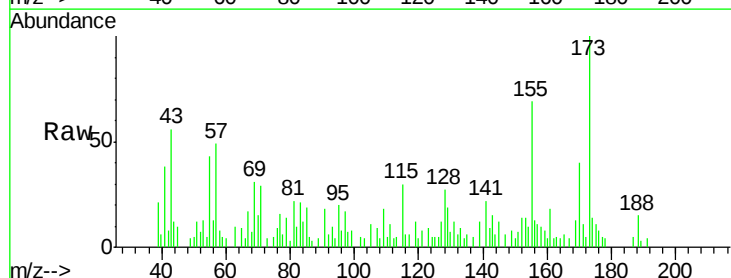
Tgt Ion:139 Resp: 1530

Ion Ratio Lower Upper

139 100

109 142.5 48.4 88.4#

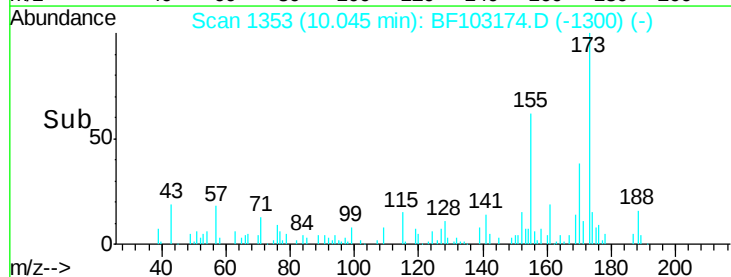
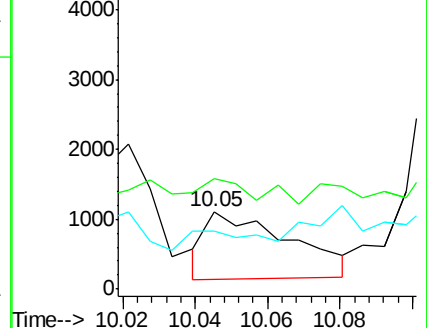
65 74.5 72.6 112.6

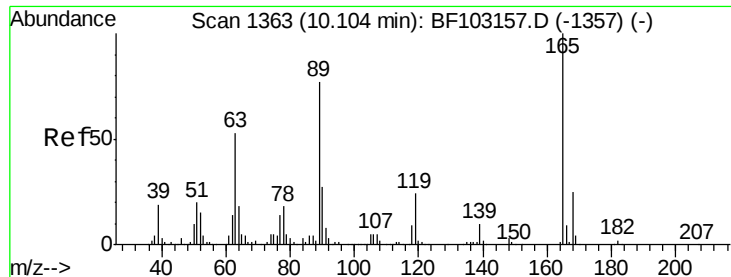


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

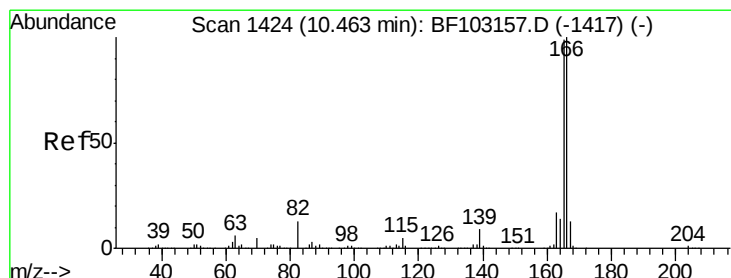
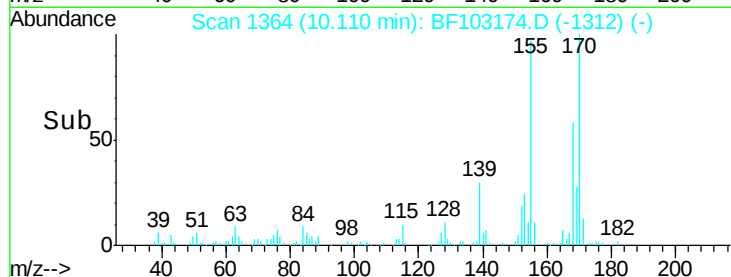
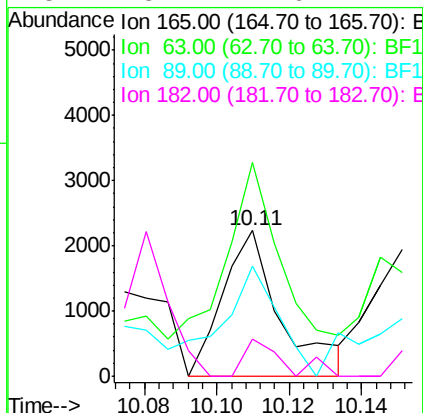
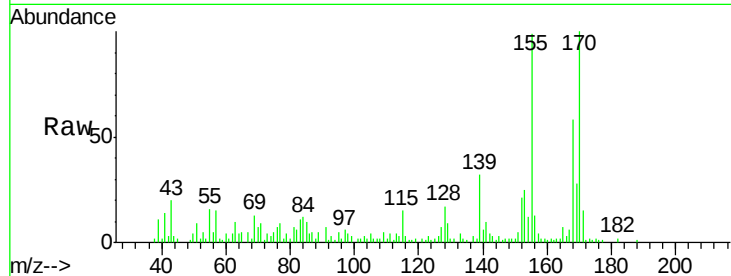




#56
2,4-Dinitrotoluene
Concen: 0.475 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

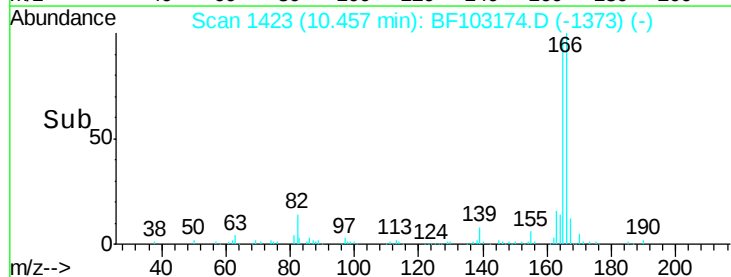
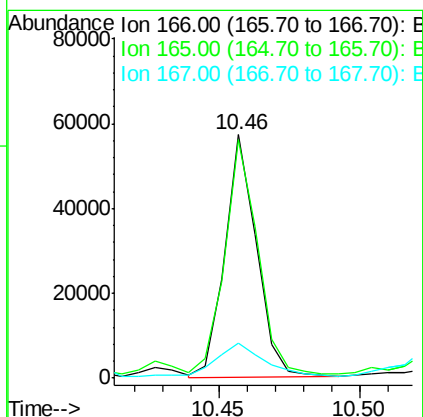
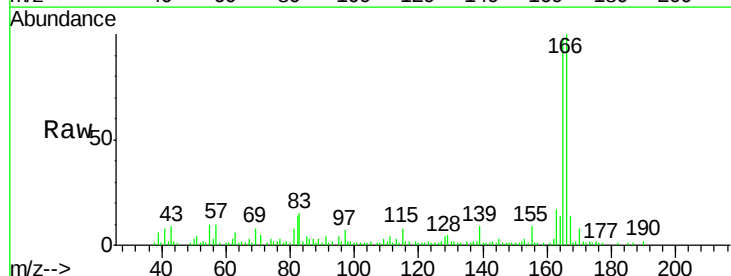
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

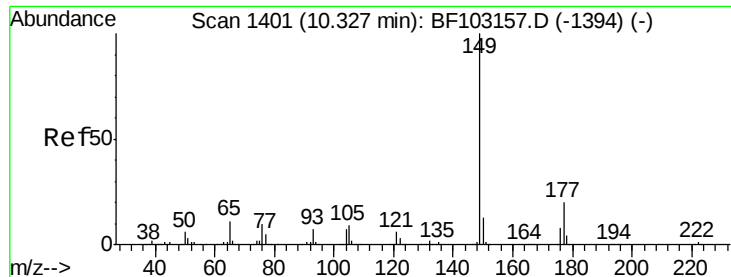
Tot Ion:165 Resp: 2494
Ion Ratio Lower Upper
165 100
63 146.4 36.4 54.6#
89 75.5 57.8 86.6
182 25.1 1.6 2.4#



#57
Fluorene
Concen: 2.619 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:166 Resp: 44883
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.8
167 14.3 10.6 16.0

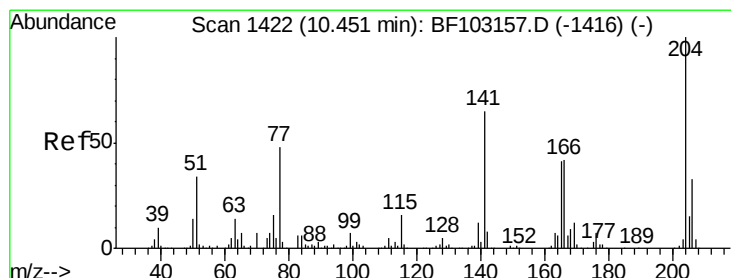
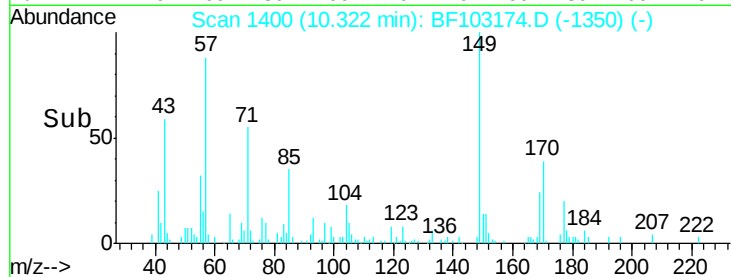
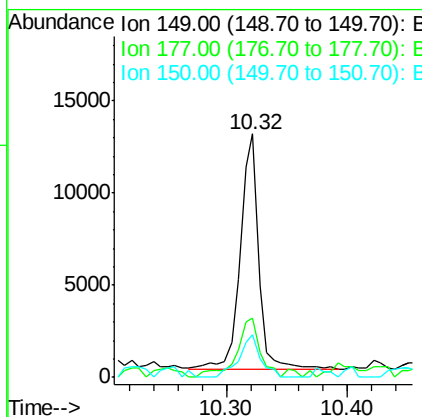
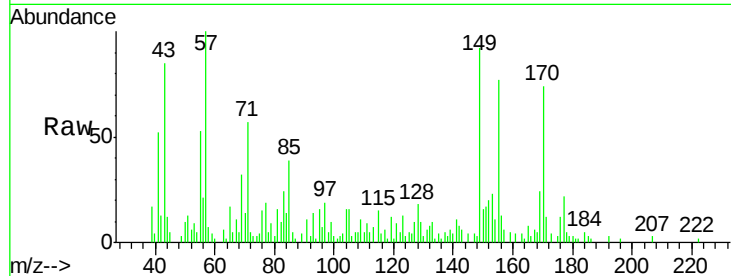




#59
Diethylphthalate
Concen: 0.725 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

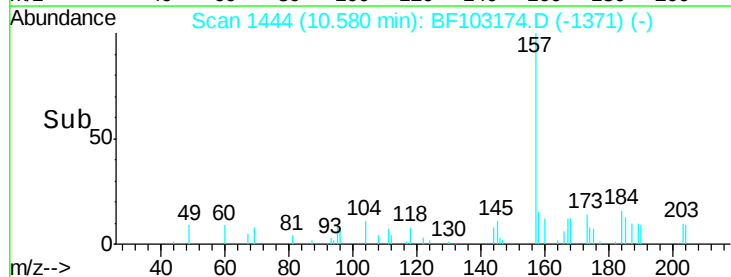
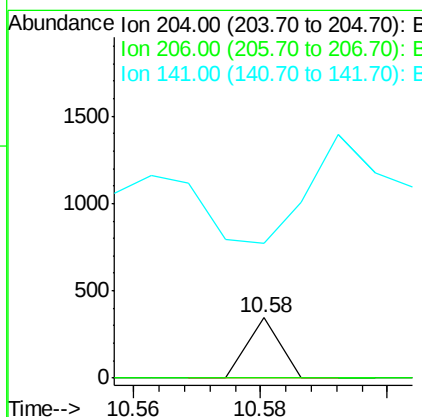
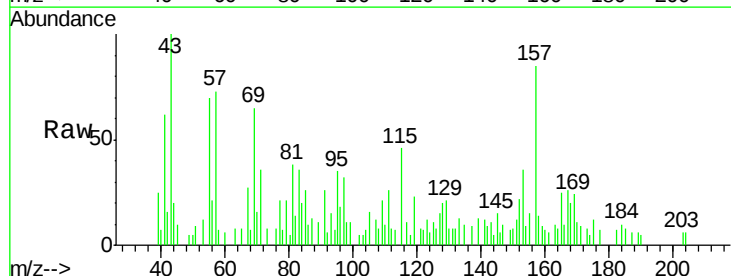
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

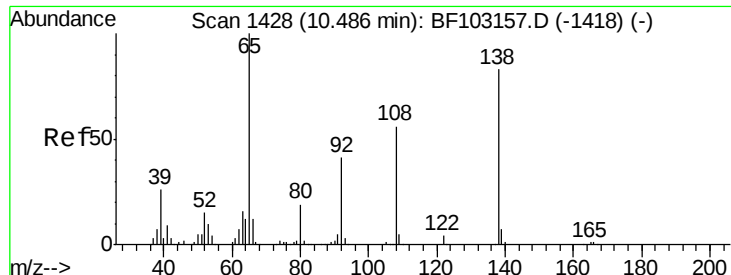
Tot Ion:149 Resp: 13706
Ion Ratio Lower Upper
149 100
177 24.2 16.1 24.1#
150 17.5 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 0.017 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.13 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:204 Resp: 122
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 223.8 54.6 81.8#





#61

4-Nitroaniline

Concen: 0.155 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.04 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

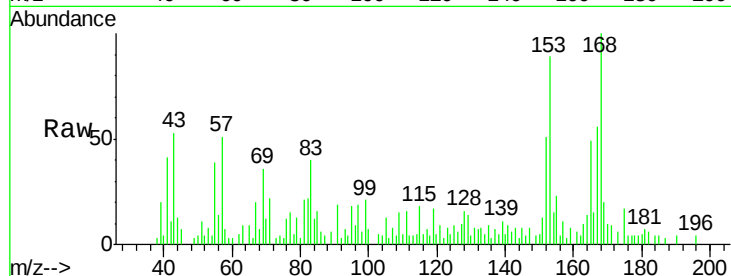
Tot Ion:138 Resp: 814

Ion Ratio Lower Upper

138 100

92 58.9 30.2 70.2

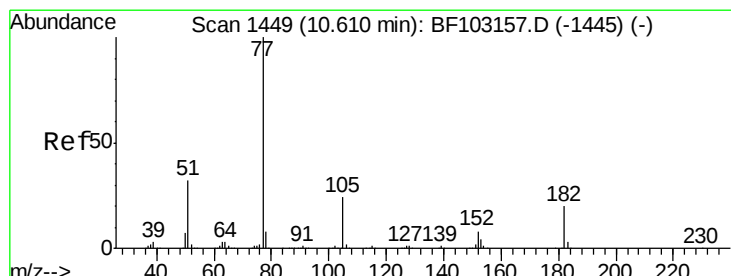
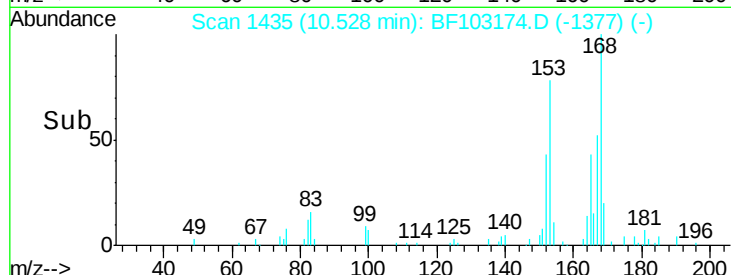
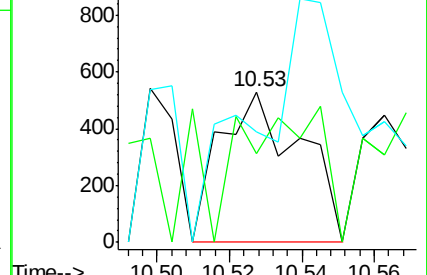
108 73.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.063 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Tgt Ion: 77 Resp: 1221

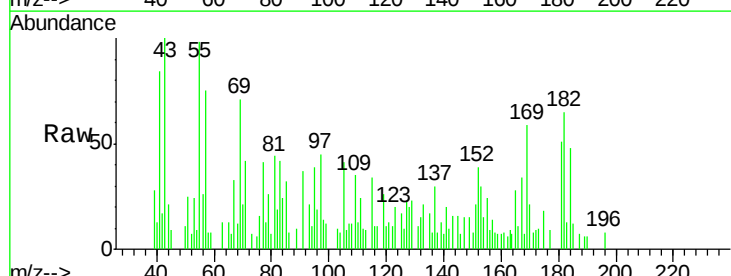
Ion Ratio Lower Upper

77 100

182 157.7 1.7 41.7#

105 99.1 3.0 43.0#

51 60.6 9.9 49.9#

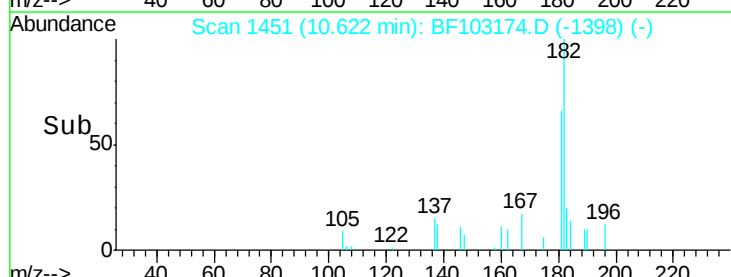
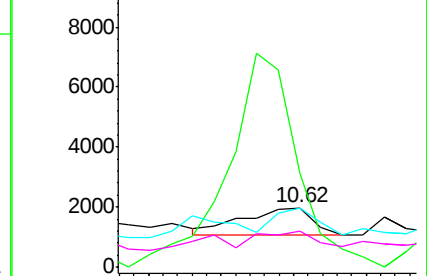


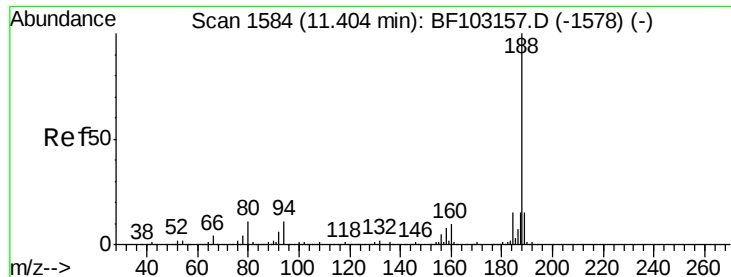
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

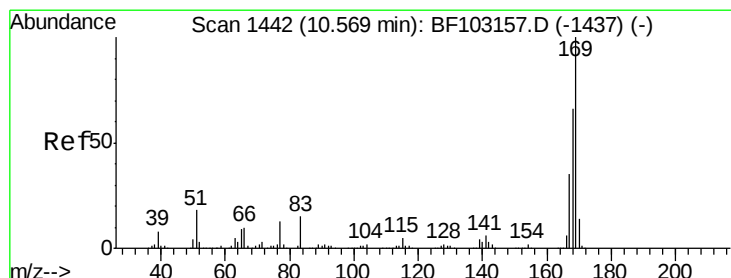
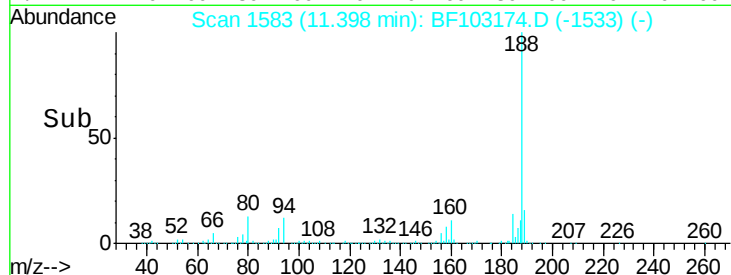
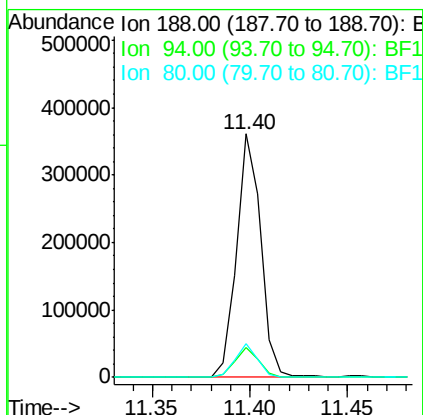
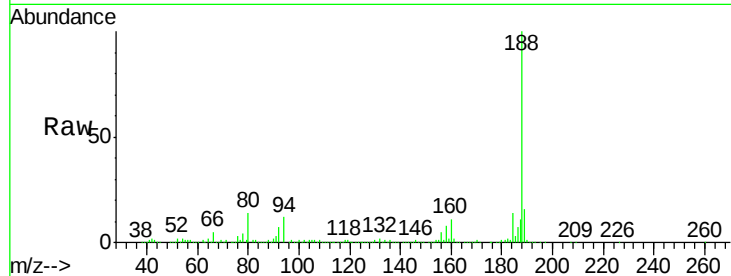




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

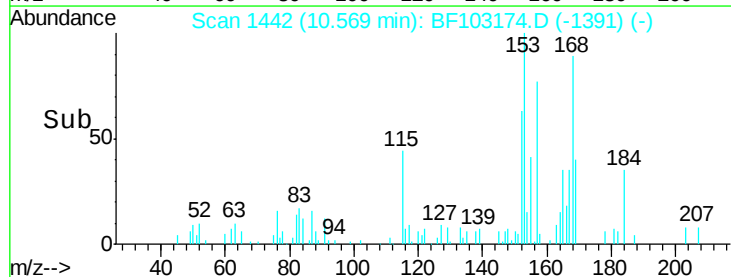
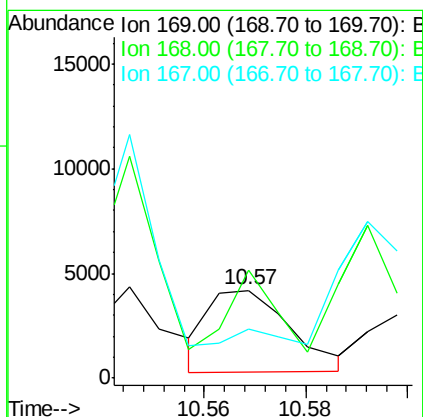
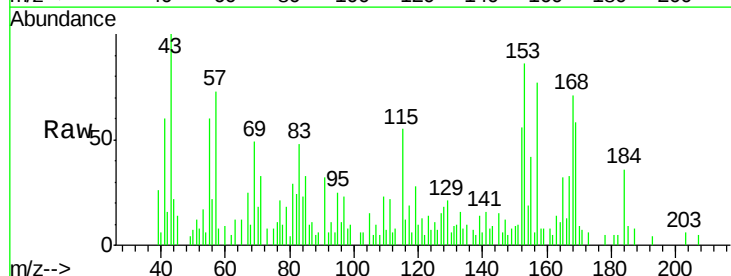
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

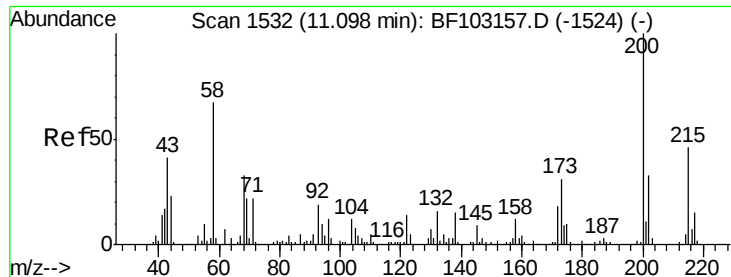
Tot Ion:188 Resp: 309876
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.6 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 0.407 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:169 Resp: 4394
Ion Ratio Lower Upper
169 100
168 122.3 54.4 81.6#
167 56.5 29.8 44.6#





#68

Atrazine

Concen: 0.048 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.02 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

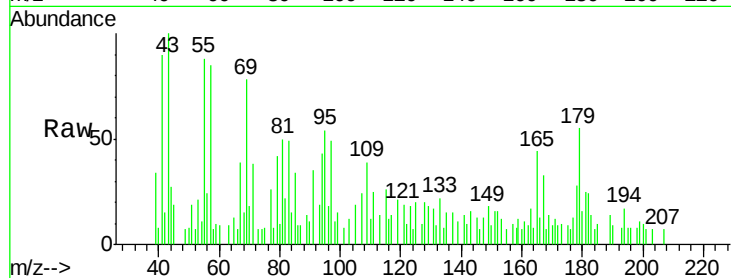
Tot Ion:200 Resp: 156

Ion Ratio Lower Upper

200 100

173 101.1 8.6 48.6#

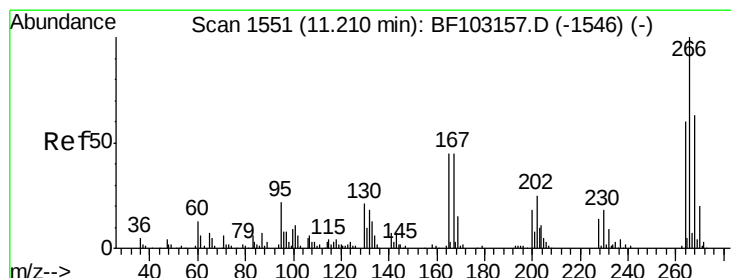
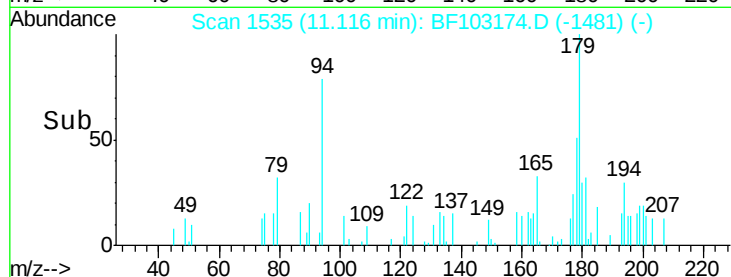
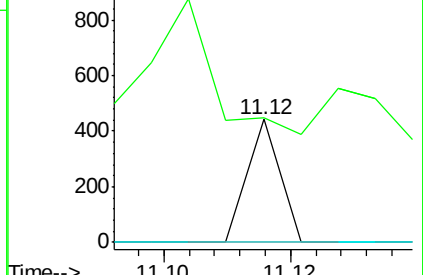
215 0.0 25.1 65.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.066 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

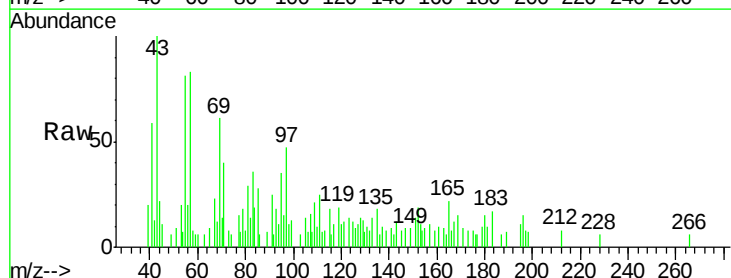
Tgt Ion:266 Resp: 112

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

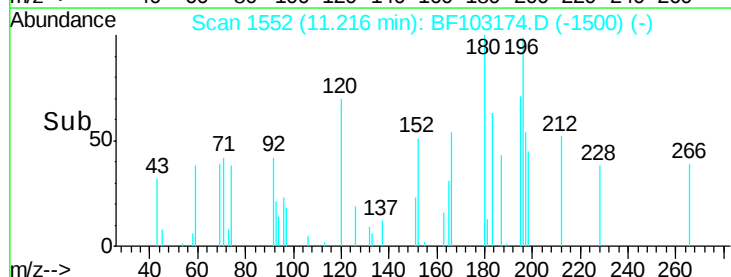
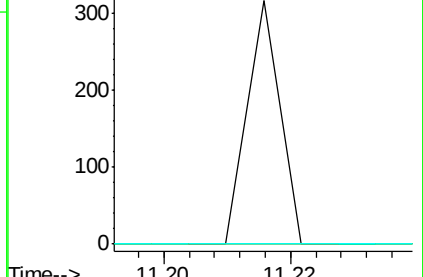
264 0.0 49.5 74.3#

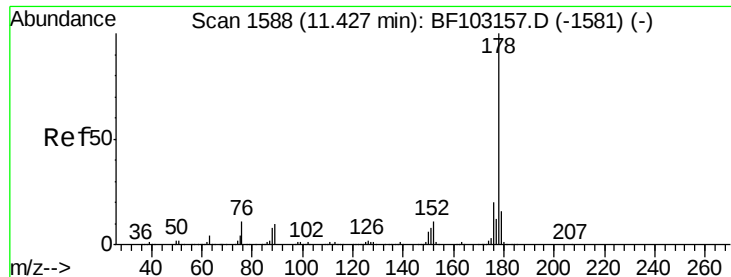


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 4.314 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

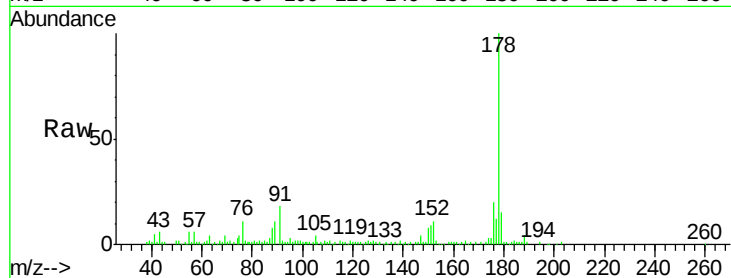
Tot Ion:178 Resp: 73562

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

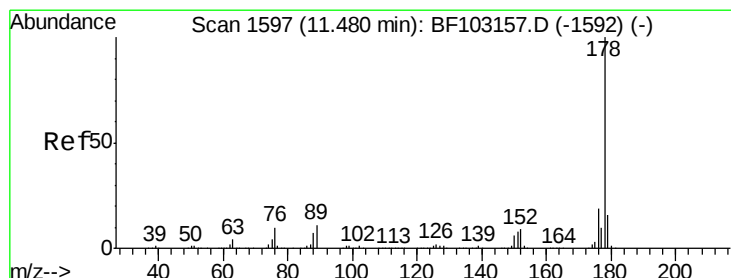
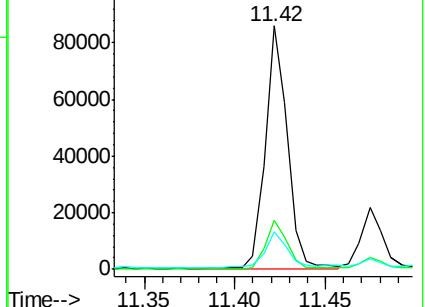
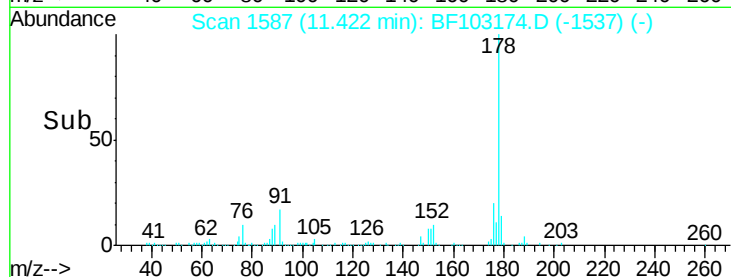
179 15.3 13.0 19.6



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: 0.942 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

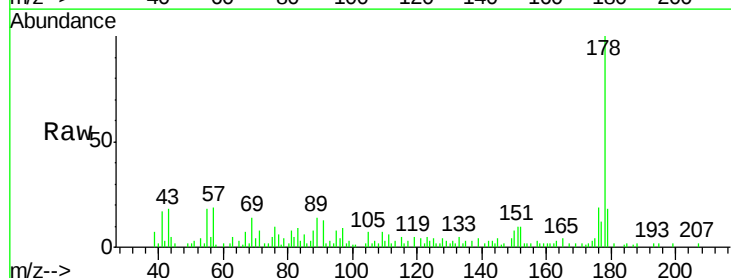
Tgt Ion:178 Resp: 16481

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

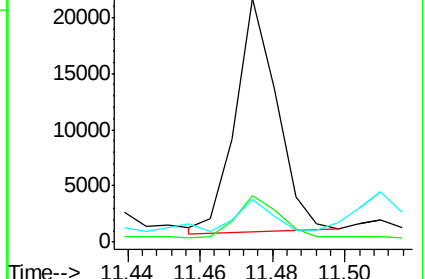
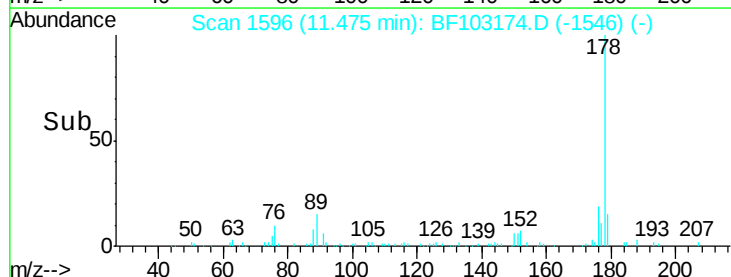
179 17.5 12.6 19.0

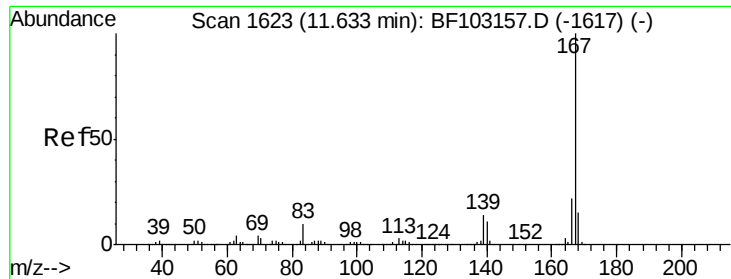


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.085 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

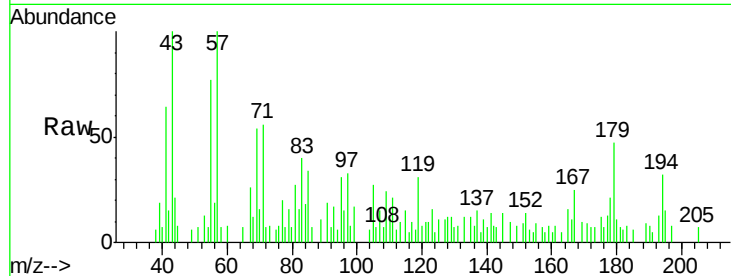
Tot Ion:167 Resp: 1481

Ion Ratio Lower Upper

167 100

166 41.8 17.6 26.4#

139 44.8 10.9 16.3#

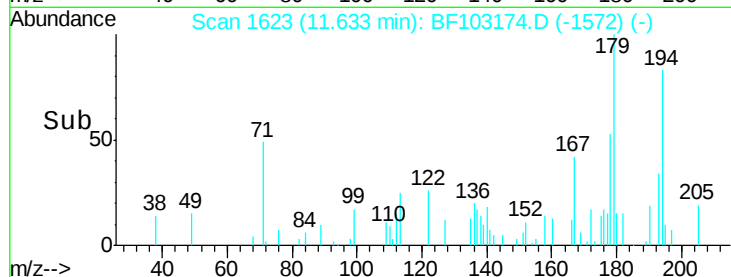


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

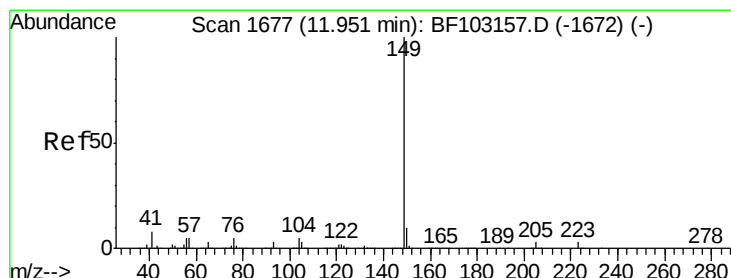
Ion 139.00 (138.70 to 139.70): E

Time-->



Abundance

Time-->



#73

Di-n-butylphthalate

Concen: 0.231 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

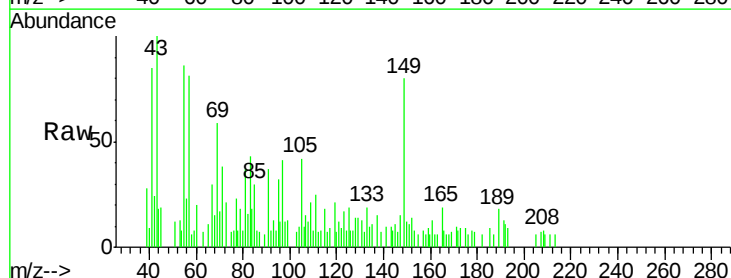
Tgt Ion:149 Resp: 5041

Ion Ratio Lower Upper

149 100

150 14.4 7.8 11.6#

104 12.7 3.8 5.8#

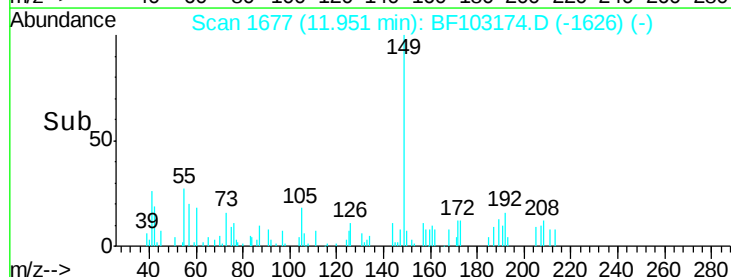


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

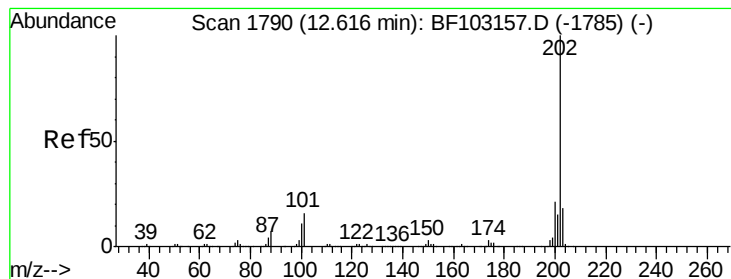
Ion 104.00 (103.70 to 104.70): E

Time-->



Abundance

Time-->



#74

Fluoranthene

Concen: 0.548 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

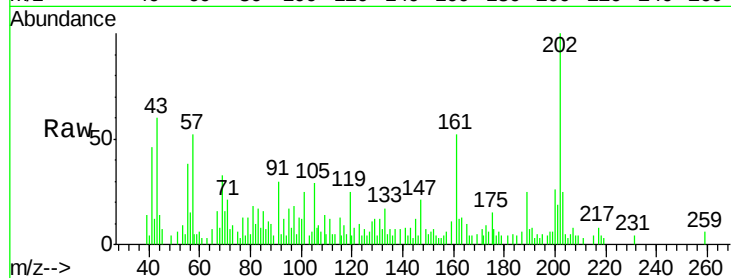
Tot Ion:202 Resp: 9397

Ion Ratio Lower Upper

202 100

101 25.1 0.0 34.1

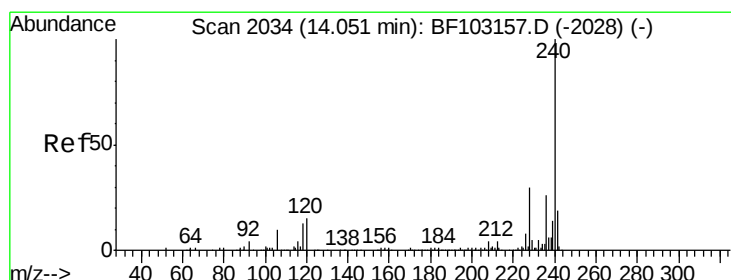
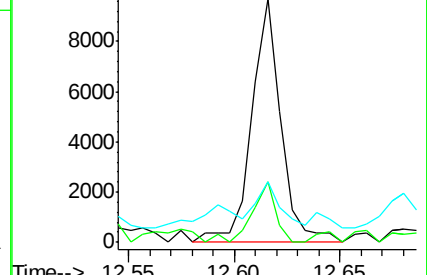
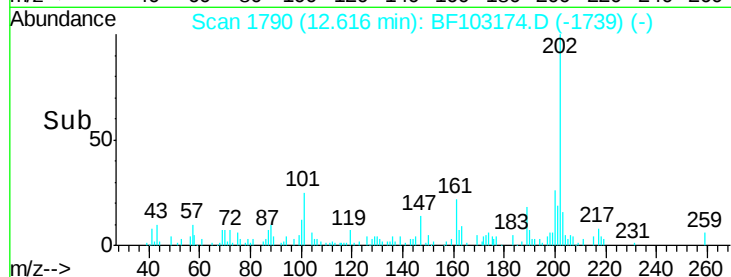
203 24.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

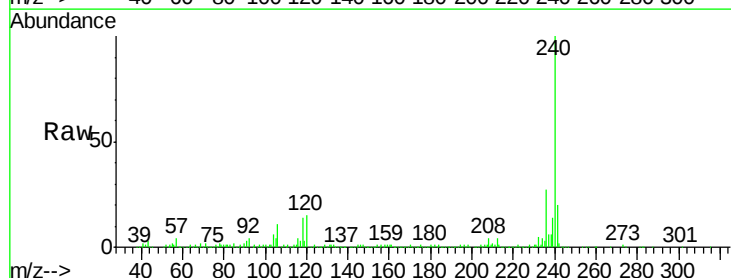
Tgt Ion:240 Resp: 290973

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

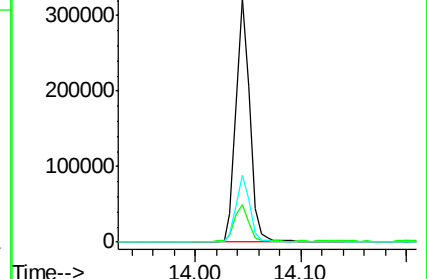
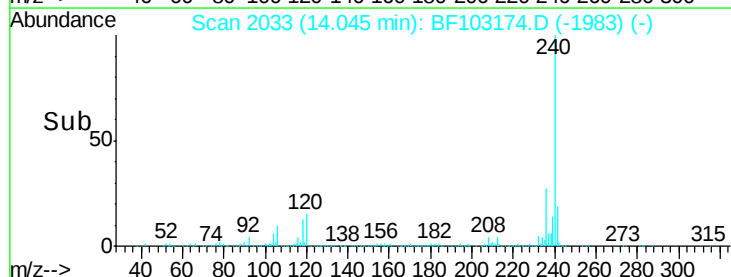
236 27.5 20.7 31.1

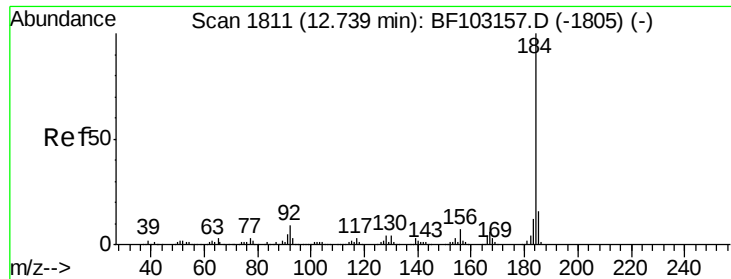


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.096 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.25 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

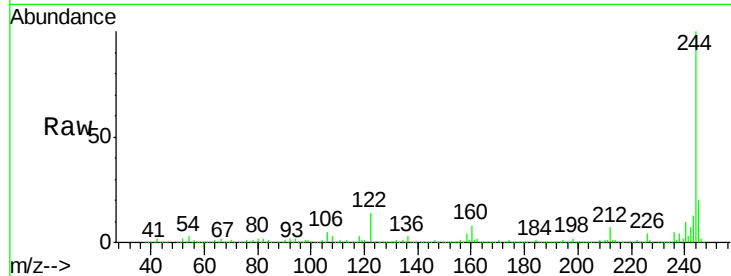
Tot Ion:184 Resp: 11920

Ion Ratio Lower Upper

184 100

185 18.9 12.6 18.8#

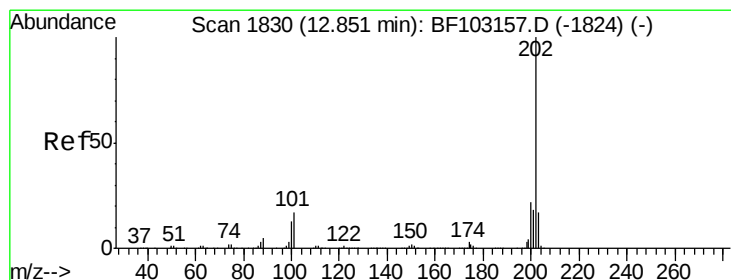
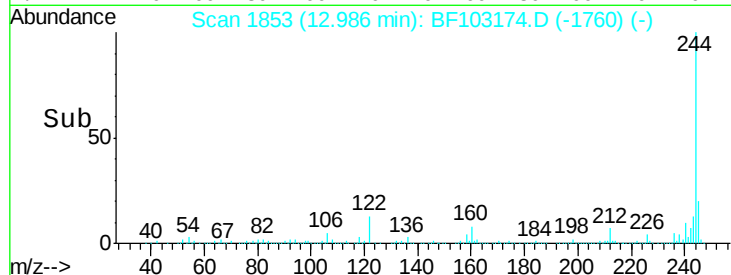
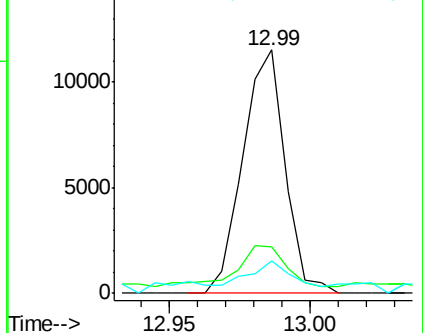
183 13.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.460 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

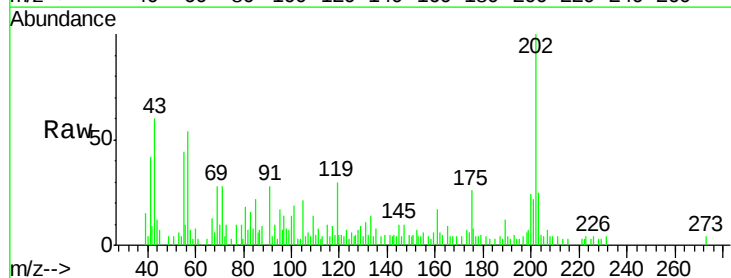
Tgt Ion:202 Resp: 10439

Ion Ratio Lower Upper

202 100

200 23.9 17.4 26.2

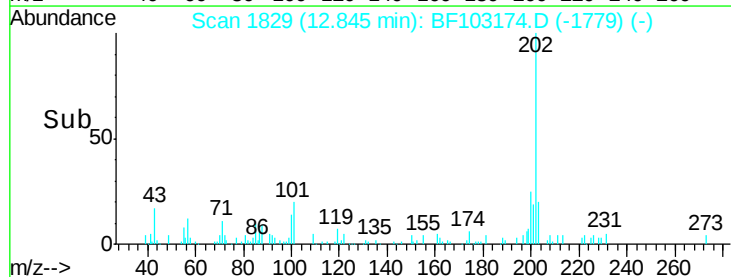
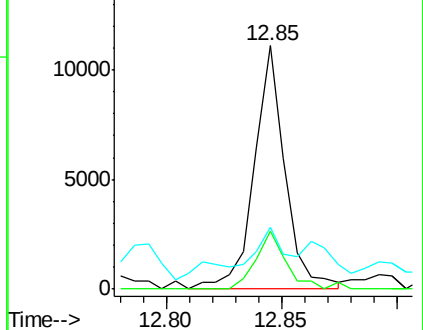
203 25.4 14.3 21.5#

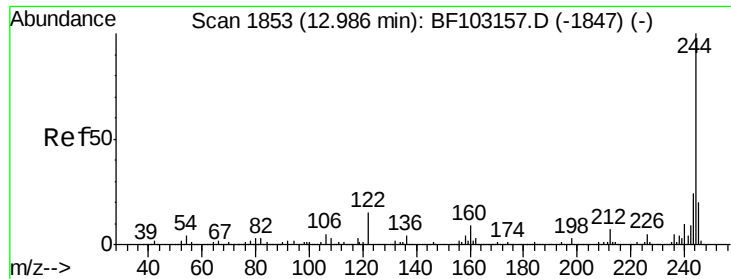


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.463 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

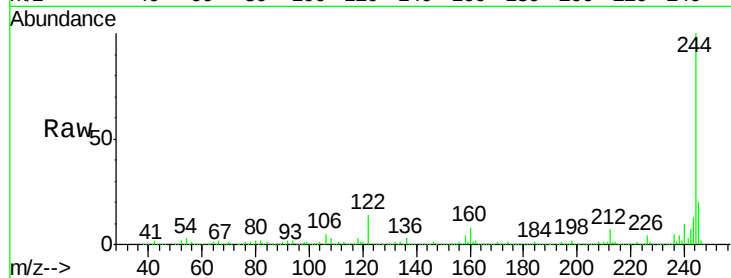
Tot Ion:244 Resp: 877125

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

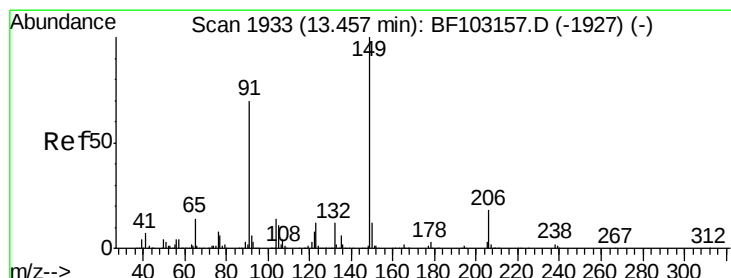
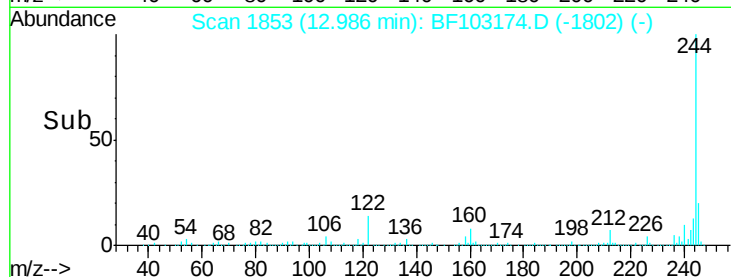
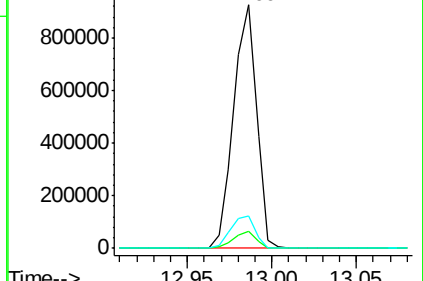
122 13.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.067 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

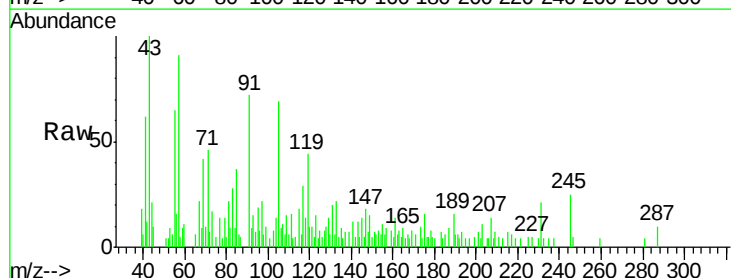
Tgt Ion:149 Resp: 801

Ion Ratio Lower Upper

149 100

91 476.7 56.8 85.2#

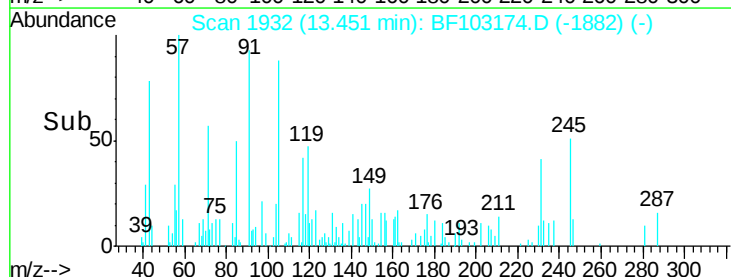
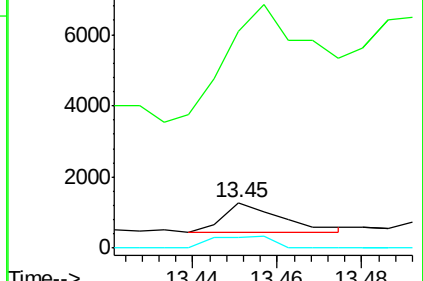
206 24.7 14.1 21.1#

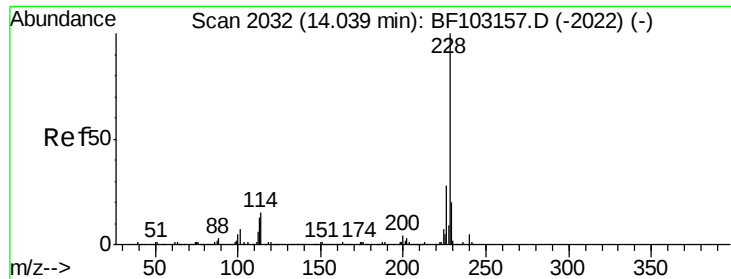


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

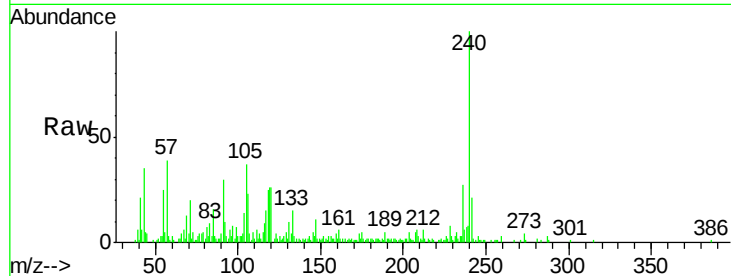




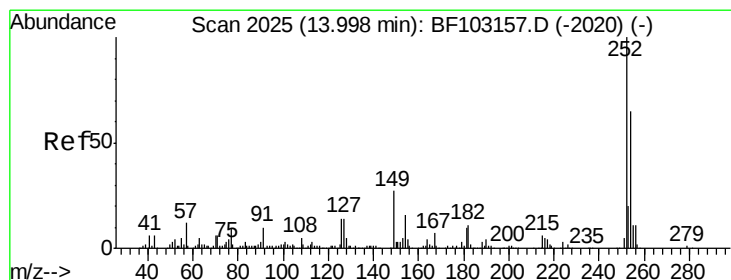
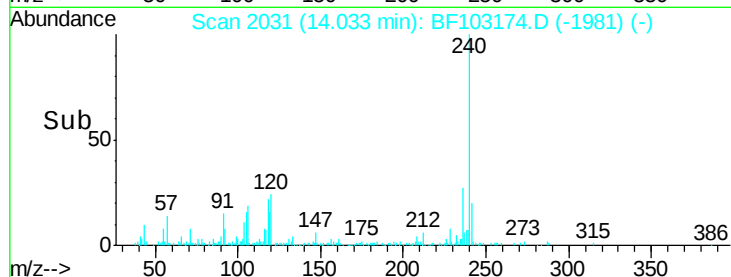
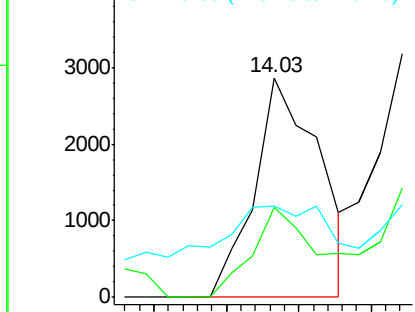
#80
Benzo(a)anthracene
Concen: 0.189 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

Tot Ion:228 Resp: 3564
Ion Ratio Lower Upper
228 100
226 40.8 22.6 33.8#
229 41.3 15.8 23.6#

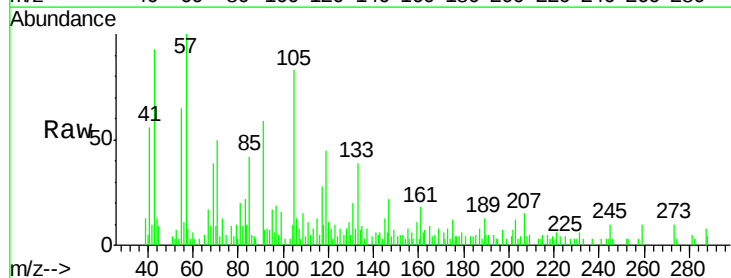


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

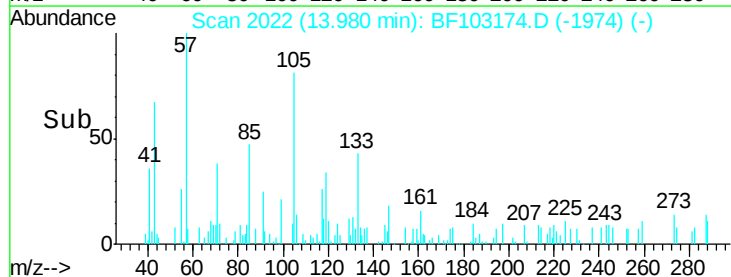
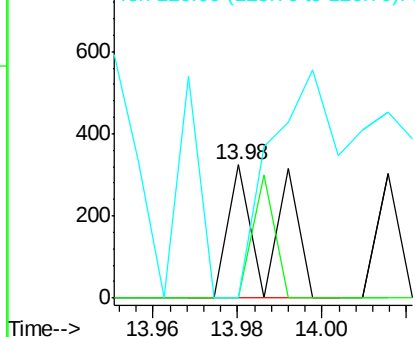


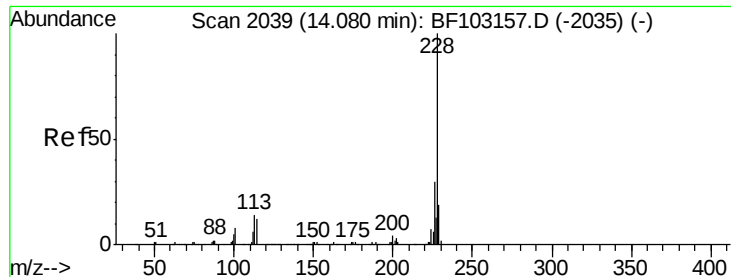
#81
3,3'-Dichlorobenzidine
Concen: 0.034 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:252 Resp: 226
Ion Ratio Lower Upper
252 100
254 0.0 50.4 75.6#
126 0.0 11.3 16.9#



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





#82

Chrysene

Concen: 0.248 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

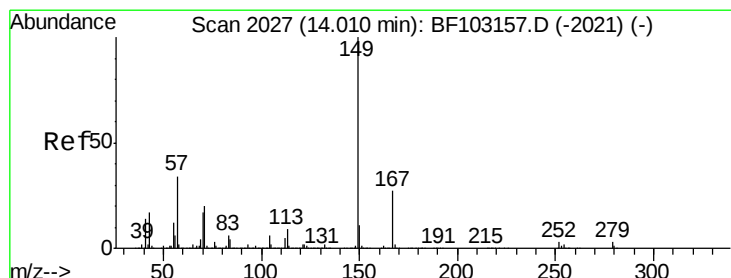
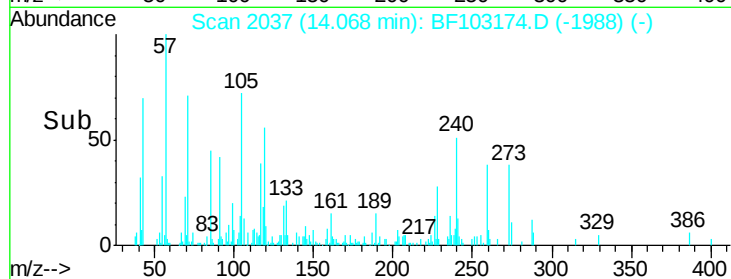
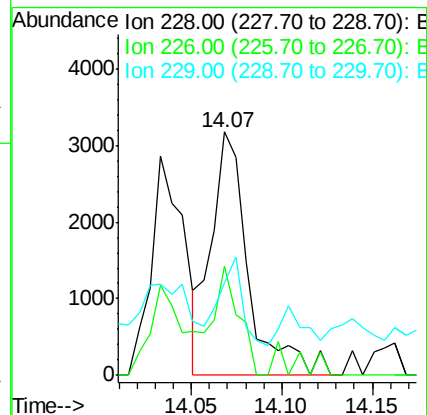
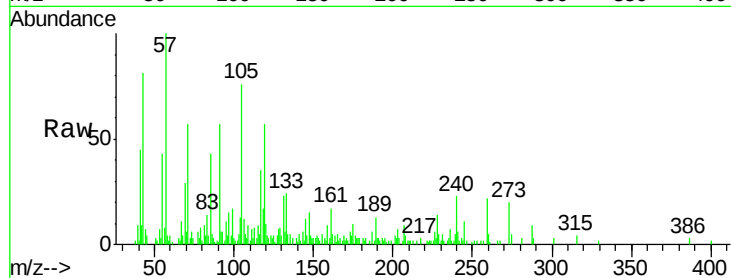
Tot Ion:228 Resp: 4552

Ion Ratio Lower Upper

228 100

226 45.1 25.0 37.6#

229 38.2 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.247 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

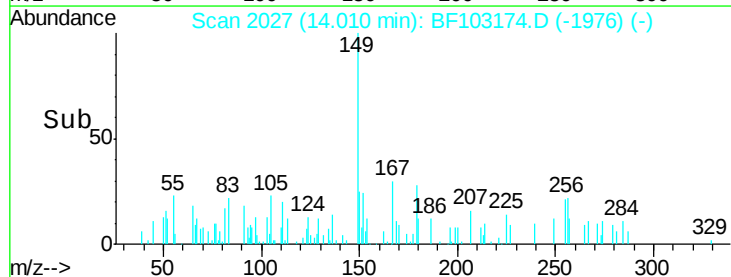
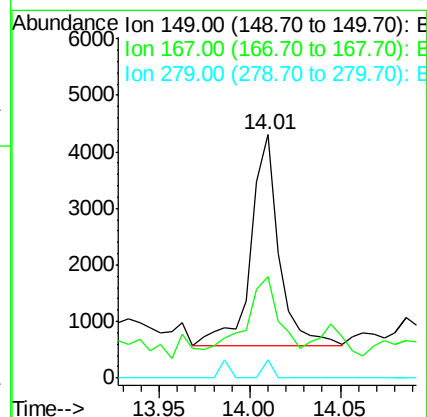
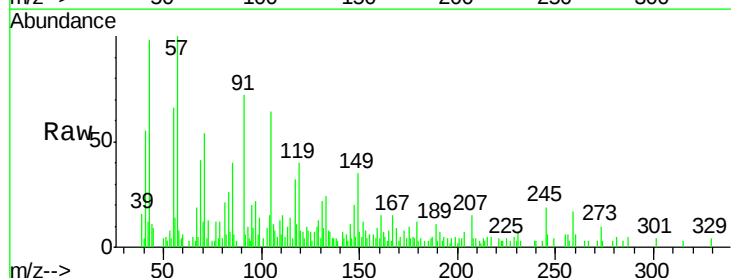
Tgt Ion:149 Resp: 3992

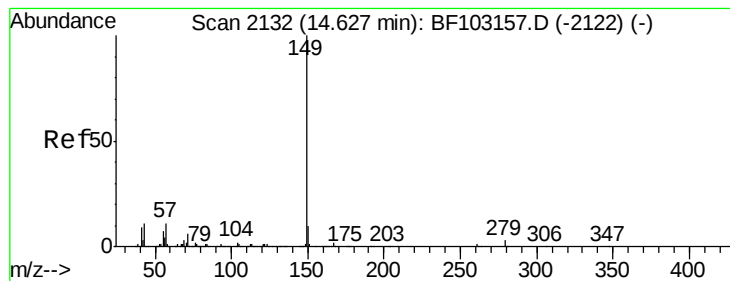
Ion Ratio Lower Upper

149 100

167 41.7 21.3 31.9#

279 7.7 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 0.116 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

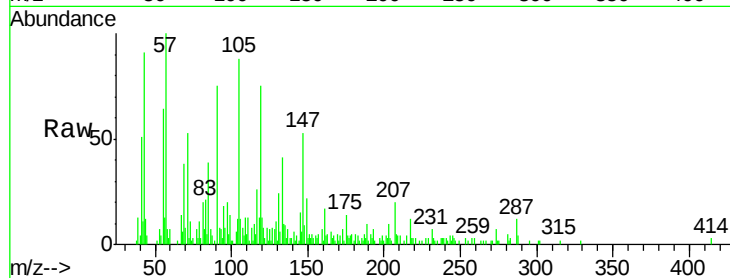
Tot Ion:149 Resp: 3044

Ion Ratio Lower Upper

149 100

167 17.7 1.2 1.8#

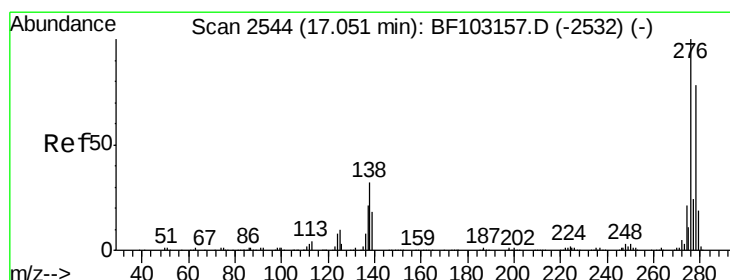
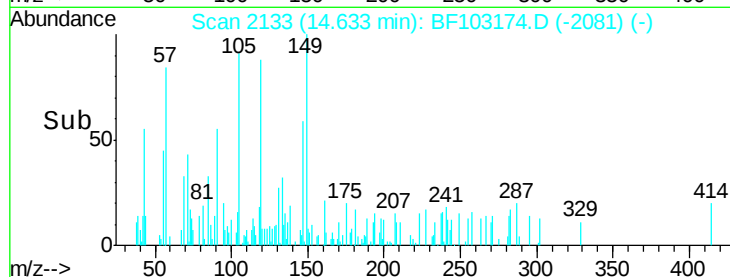
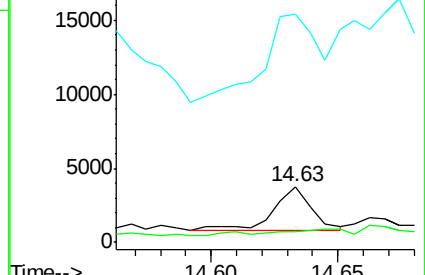
43 254.1 8.4 12.6#



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: 0.298 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

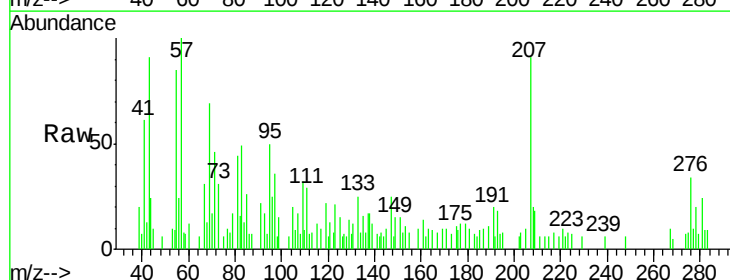
Tgt Ion:276 Resp: 4324

Ion Ratio Lower Upper

276 100

138 47.5 25.0 37.6#

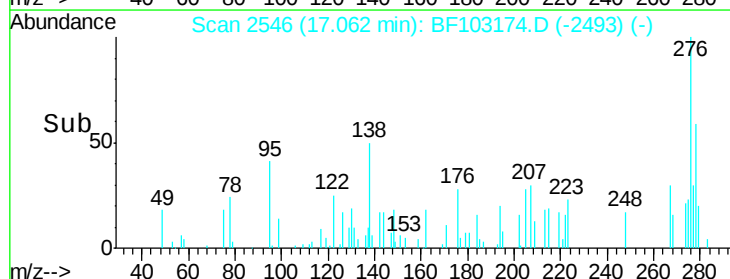
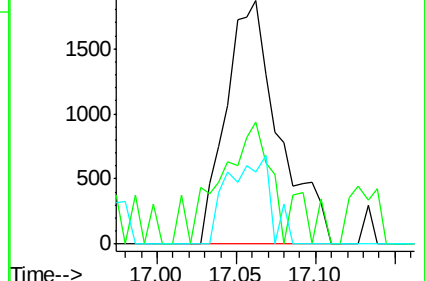
277 29.2 20.1 30.1

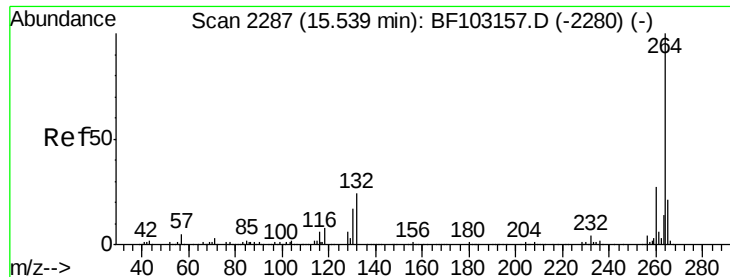


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

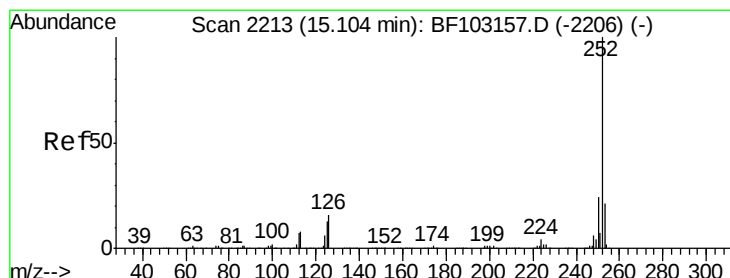
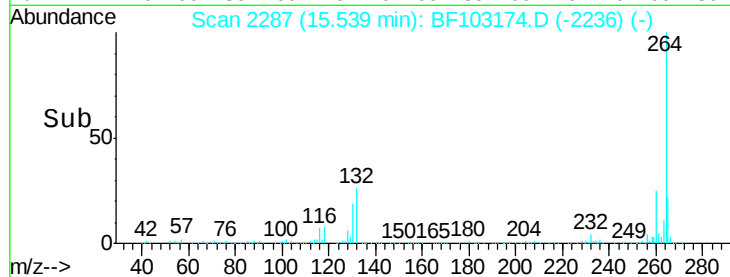
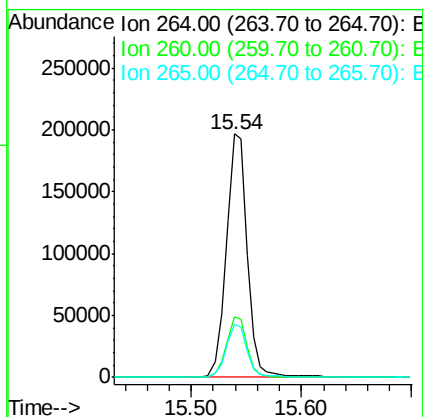
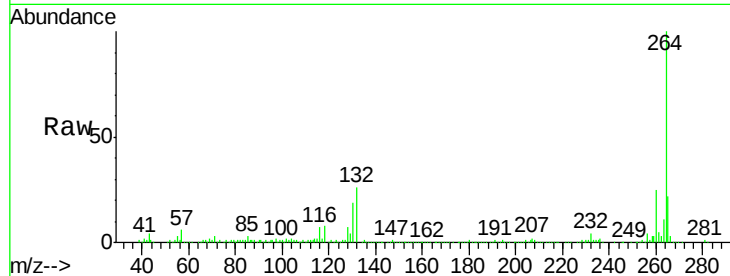




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

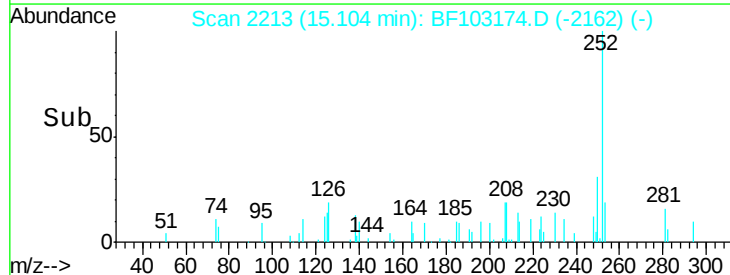
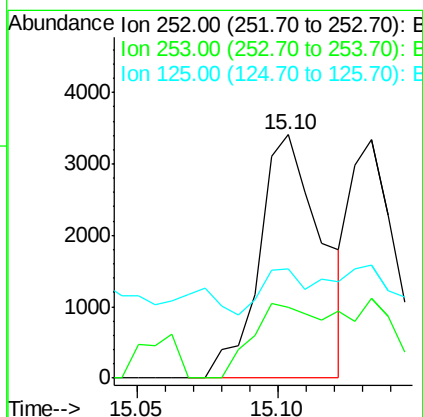
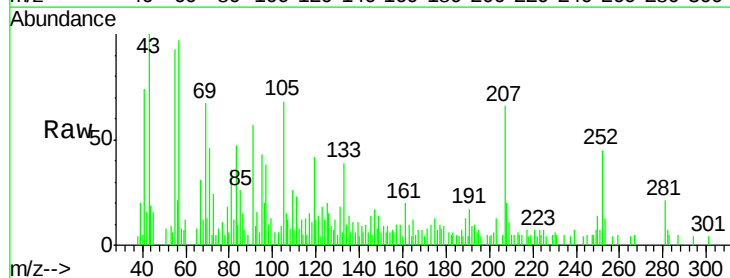
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

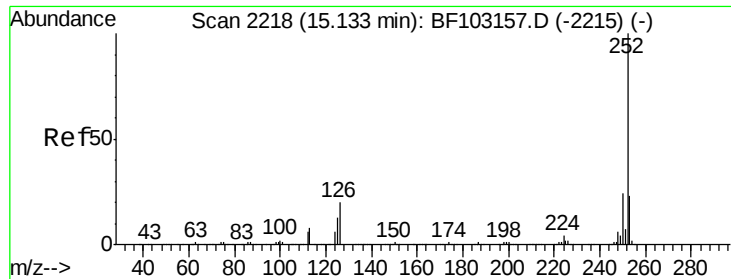
Tot Ion:264 Resp: 261862
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.304 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:252 Resp: 5233
Ion Ratio Lower Upper
252 100
253 29.1 17.0 25.6#
125 44.7 9.0 13.6#

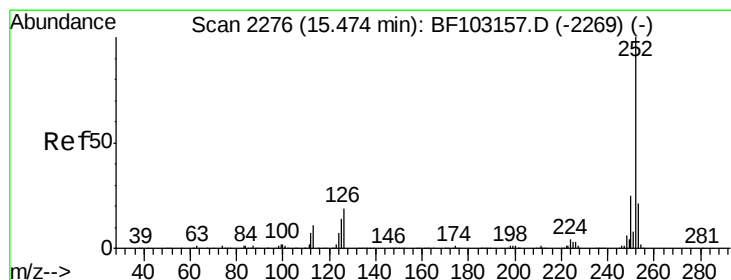
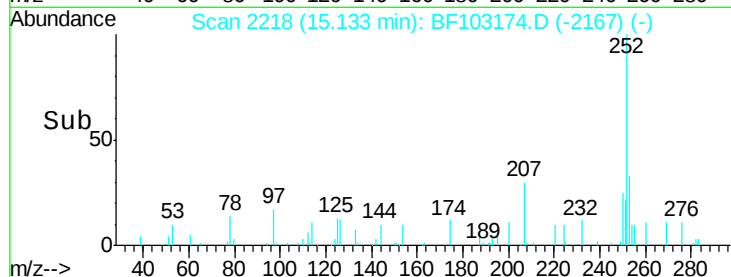
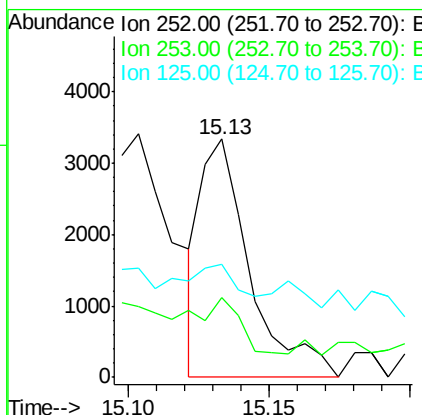
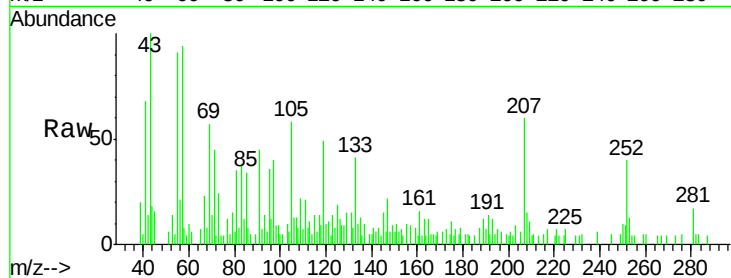




#88
Benzo(k)fluoranthene
Concen: 0.248 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

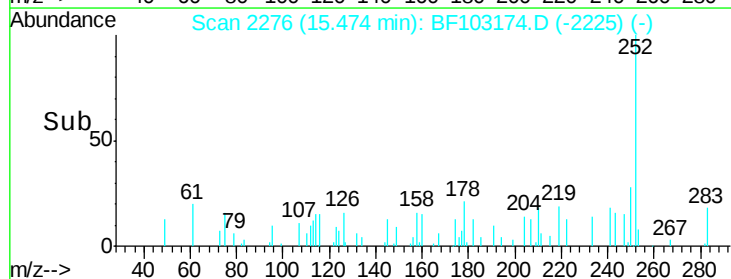
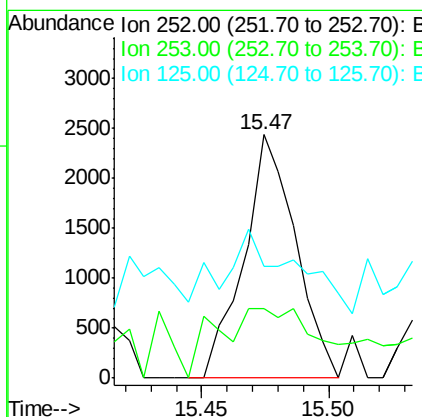
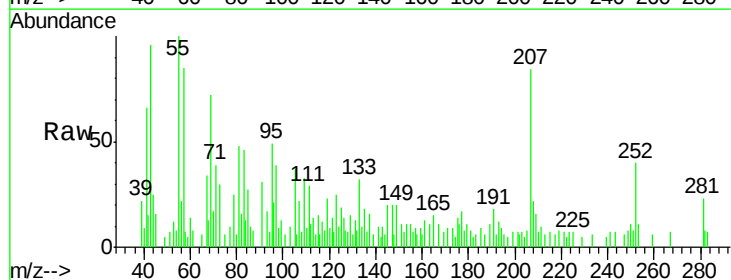
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-257928

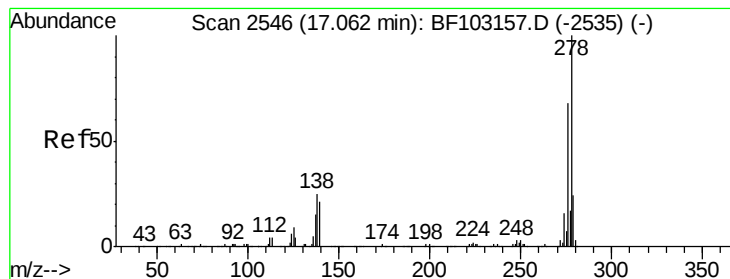
Tot Ion:252 Resp: 4028
Ion Ratio Lower Upper
252 100
253 33.4 17.9 26.9#
125 47.3 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.226 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF103174.D
Acq: 22 Feb 2018 20:35

Tgt Ion:252 Resp: 3472
Ion Ratio Lower Upper
252 100
253 28.5 17.1 25.7#
125 46.1 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.235 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-257928

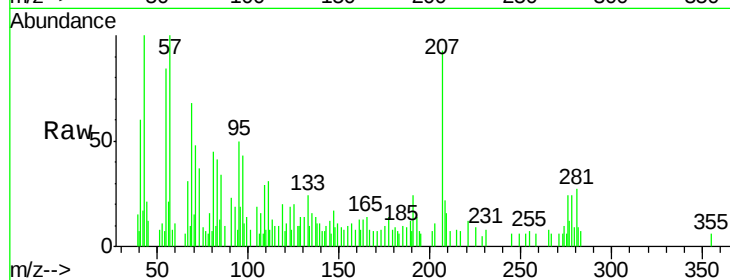
Tot Ion:278 Resp: 2792

Ion Ratio Lower Upper

278 100

139 45.1 15.9 23.9#

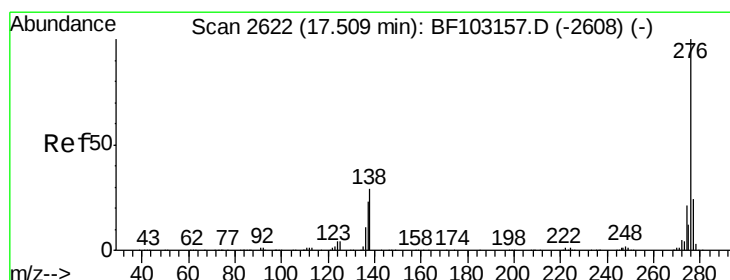
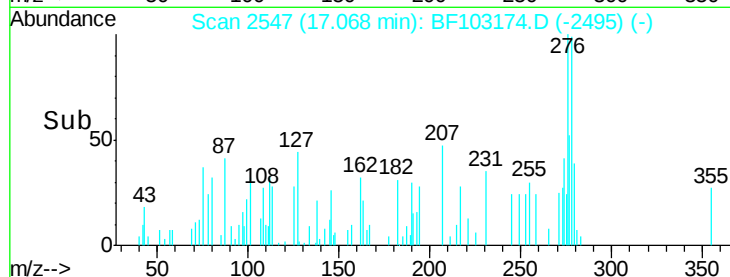
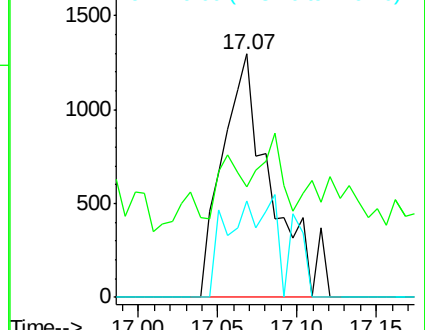
279 39.6 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.290 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BF103174.D

Acq: 22 Feb 2018 20:35

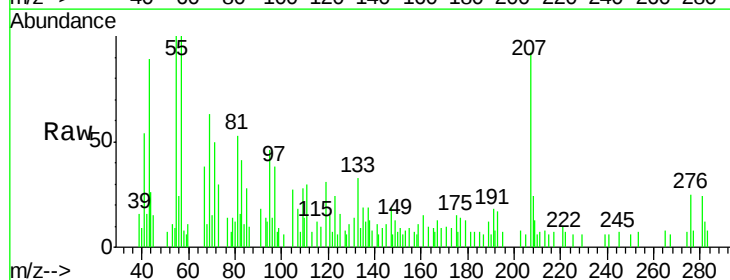
Tgt Ion:276 Resp: 3372

Ion Ratio Lower Upper

276 100

277 31.8 17.9 26.9#

138 52.1 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

