

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103283.D
 Acq On : 28 Feb 2018 1:07
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 03:23:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161098	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	633423	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	250643	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	359221	20.00	ng	0.00
75) Chrysene-d12	14.06	240	253166	20.00	ng	0.00
86) Perylene-d12	15.56	264	197582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	846212	79.44	ng	0.00
7) Phenol-d6	6.52	99	1005461	77.14	ng	0.00
23) Nitrobenzene-d5	7.45	82	916562	82.64	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	125404	59.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1224289	83.87	ng	0.00
78) Terphenyl-d14	12.99	244	781235	74.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	228289	40.58	ng	92
3) Pyridine	3.40	79	609976	40.61	ng	97
4) n-Nitrosodimethylamine	3.36	42	270575	44.67	ng	# 90
6) Aniline	6.54	93	728292	38.72	ng	92
8) 2-Chlorophenol	6.66	128	421282	38.07	ng	92
9) Benzaldehyde	6.43	77	322698	41.05	ng	95
10) Phenol	6.53	94	577382	38.16	ng	85
11) bis(2-Chloroethyl)ether	6.61	93	459839	40.04	ng	92
12) 1,3-Dichlorobenzene	6.82	146	484775	38.34	ng	97
13) 1,4-Dichlorobenzene	6.89	146	485943	38.33	ng	100
14) 1,2-Dichlorobenzene	7.05	146	442329	37.84	ng	99
15) Benzyl Alcohol	7.02	79	381764	38.87	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	740078	37.53	ng	91
17) 2-Methylphenol	7.13	107	375592	37.35	ng	# 93
18) Hexachloroethane	7.38	117	137134	29.71	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	309489	38.15	ng	96
20) 3+4-Methylphenols	7.29	107	434893	35.48	ng	# 60
22) Acetophenone	7.29	105	578197	39.11	ng	# 85
24) Nitrobenzene	7.46	77	511708	41.90	ng	94
25) Isophorone	7.70	82	875063	40.06	ng	97
26) 2-Nitrophenol	7.77	139	181169	31.51	ng	90
27) 2,4-Dimethylphenol	7.81	122	351123	39.96	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	519017	40.41	ng	99
29) 2,4-Dichlorophenol	8.02	162	326693	38.83	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	346710	38.70	ng	99
31) Naphthalene	8.18	128	1172104	37.80	ng	99
32) Benzoic acid	7.93	122	190193	31.89	ng	93
33) 4-Chloroaniline	8.23	127	512798	38.32	ng	97
34) Hexachlorobutadiene	8.29	225	180774	38.75	ng	99
35) Caprolactam	8.61	113	114924	38.87	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	357260	37.65	ng	98
37) 2-Methylnaphthalene	8.87	142	740833	36.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	284443	41.51	ng	98
40) Hexachlorocyclopentadiene	9.02	237	269	8.98	ng	# 60

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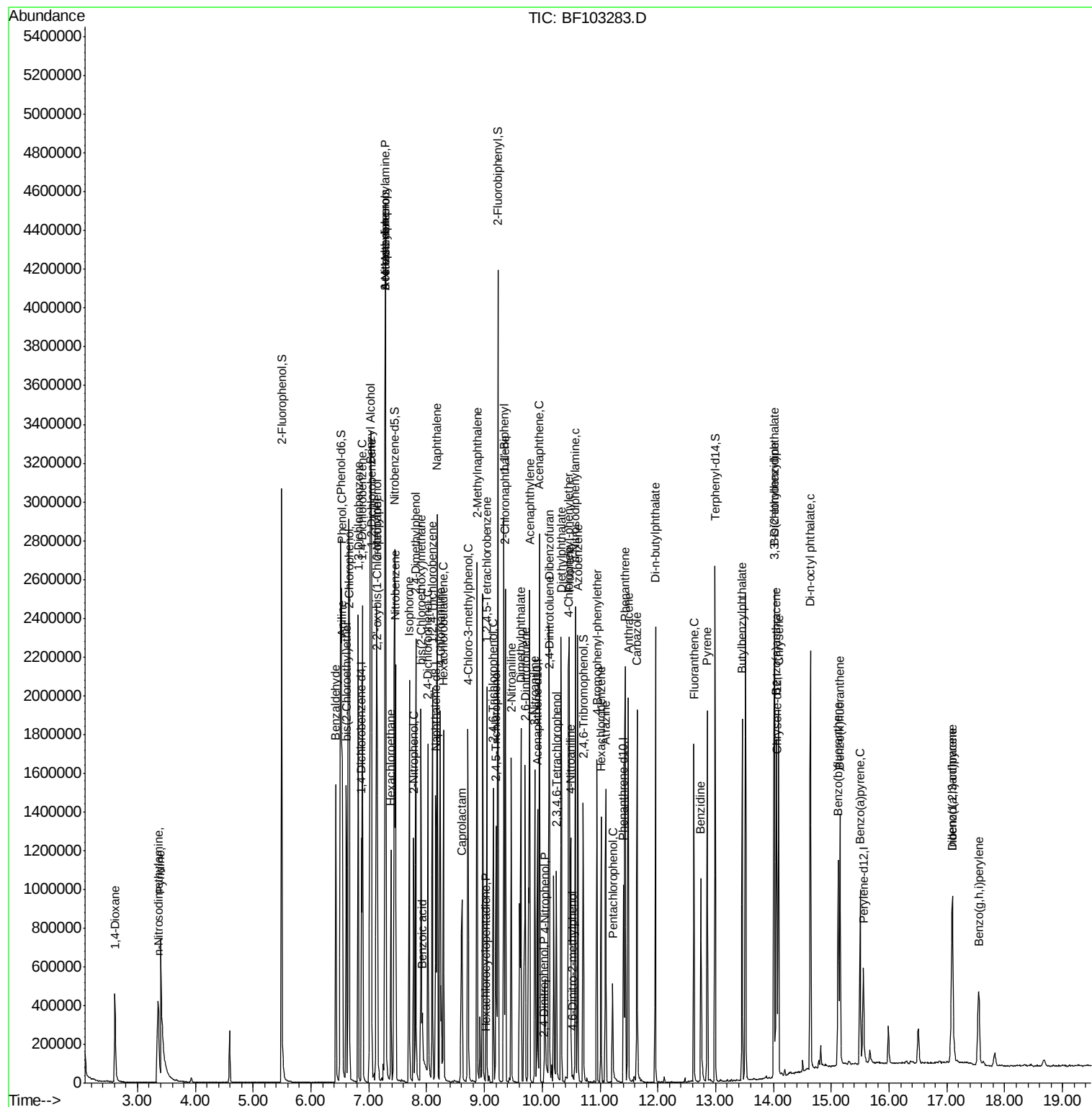
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	184943	40.11	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	198599	37.45	nq	95
45) 1,1'-Biphenyl	9.33	154	854608	40.69	nq	99
46) 2-Chloronaphthalene	9.36	162	663274	39.92	nq	100
47) 2-Nitroaniline	9.46	65	284811	46.27	nq	83
48) Acenaphthylene	9.78	152	988207	38.65	nq	99
49) Dimethylphthalate	9.63	163	826845	41.12	nq	99
50) 2,6-Dinitrotoluene	9.70	165	151761	35.97	nq	# 85
51) Acenaphthene	9.95	154	568612	38.14	nq	99
52) 3-Nitroaniline	9.87	138	224819	42.00	nq	93
53) 2,4-Dinitrophenol	10.02	184	125	9.69	nq	# 1
54) Dibenzofuran	10.12	168	788562	38.53	nq	94
55) 4-Nitrophenol	10.05	139	93760	28.26	nq	93
56) 2,4-Dinitrotoluene	10.11	165	173462	32.50	nq	# 80
57) Fluorene	10.47	166	601904	34.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	112367	31.54	nq	92
59) Diethylphthalate	10.33	149	767676	39.92	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	280732	37.97	nq	94
61) 4-Nitroaniline	10.49	138	212253	39.70	nq	99
62) Azobenzene	10.62	77	755313	38.59	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	1610	5.61	nq	# 77
65) n-Nitrosodiphenylamine	10.57	169	544899	43.57	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	153790	41.10	nq	100
67) Hexachlorobenzene	11.02	284	154550	38.05	nq	95
68) Atrazine	11.10	200	138002	36.71	nq	99
69) Pentachlorophenol	11.22	266	60083	30.59	nq	97
70) Phenanthrene	11.43	178	753450	38.11	nq	99
71) Anthracene	11.49	178	773852	38.17	nq	99
72) Carbazole	11.64	167	767248	38.01	nq	99
73) Di-n-butylphthalate	11.96	149	1063660	42.11	nq	99
74) Fluoranthene	12.63	202	721131	36.30	nq	99
76) Benzidine	12.75	184	412260	43.56	nq	99
77) Pyrene	12.86	202	765268	38.77	nq	99
79) Butylbenzylphthalate	13.46	149	416298	39.92	nq	90
80) Benzo(a)anthracene	14.05	228	642150	39.09	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	250375	42.71	nq	100
82) Chrysene	14.09	228	604637	37.91	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	569143	40.44	nq	# 100
84) Di-n-octyl phthalate	14.64	149	952830	41.91	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.09	276	423119	33.51	nq	97
87) Benzo(b)fluoranthene	15.12	252	503592	38.77	nq	99
88) Benzo(k)fluoranthene	15.15	252	509899	41.68	nq	99
89) Benzo(a)pyrene	15.50	252	452052	38.97	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	356765	39.80	nq	99
91) Benzo(g,h,i)perylene	17.55	276	340682	38.89	nq	97

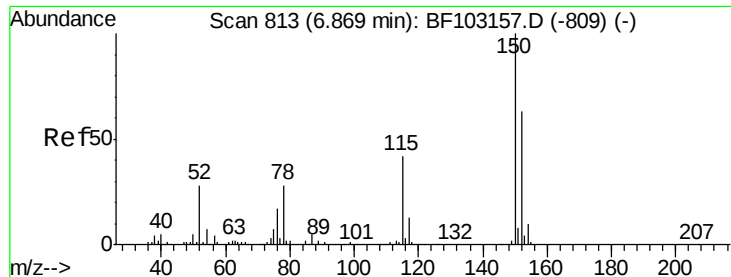
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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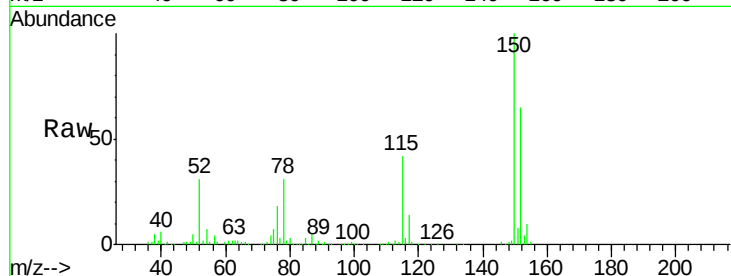


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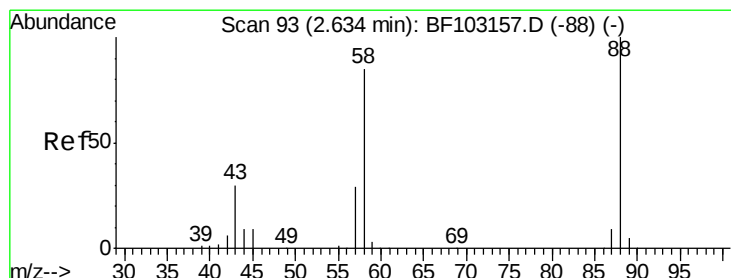
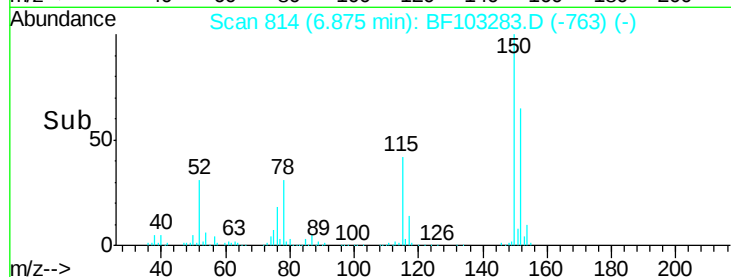
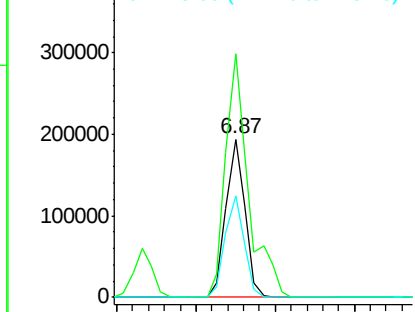
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	63.9	50.1	75.1



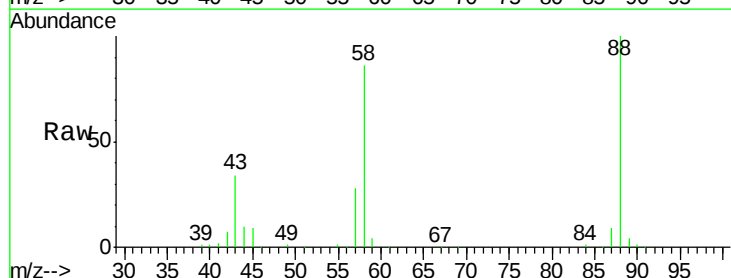
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



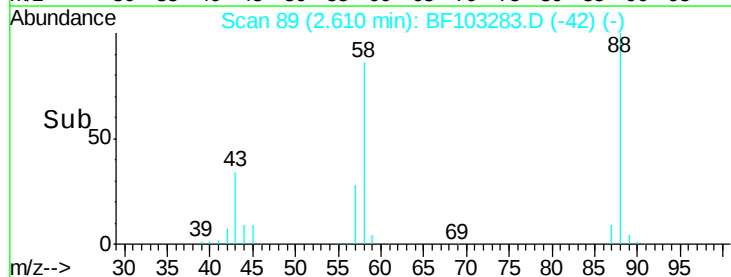
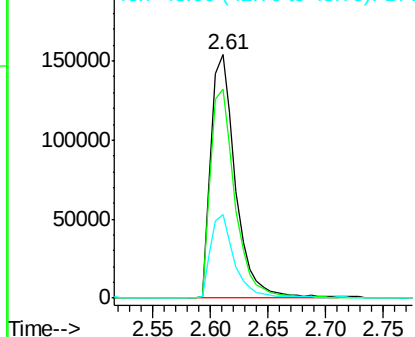
#2

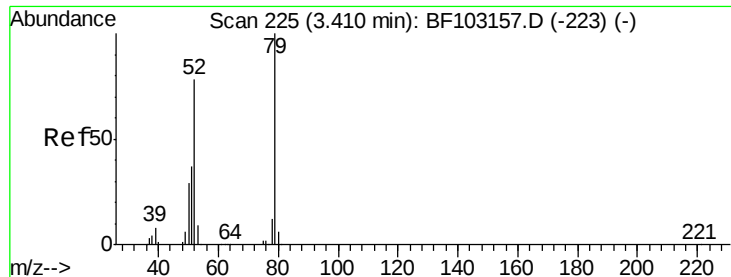
1,4-Dioxane
Concen: 40.58 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.02 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	62.6	93.8
43	34.4	24.6	37.0



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





#3

Pvridine

Concen: 40.61 ng

RT: 3.40 min Scan# 223

Delta R.T. -0.02 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

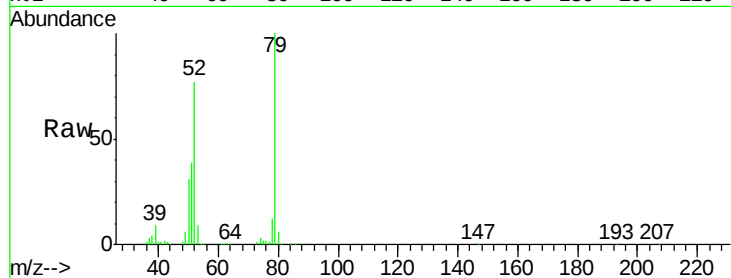
Tot Ion: 79 Resp: 609976

Ion Ratio Lower Upper

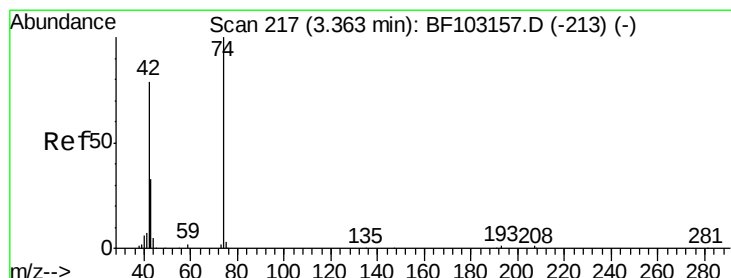
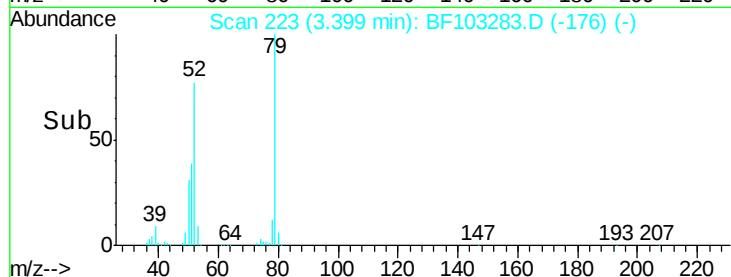
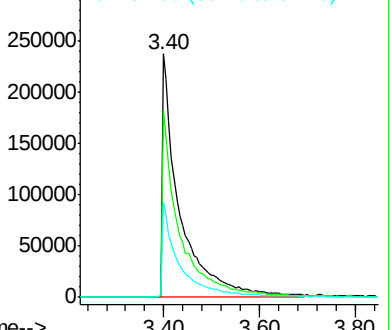
79 100

52 76.8 59.8 89.6

51 39.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.67 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.02 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

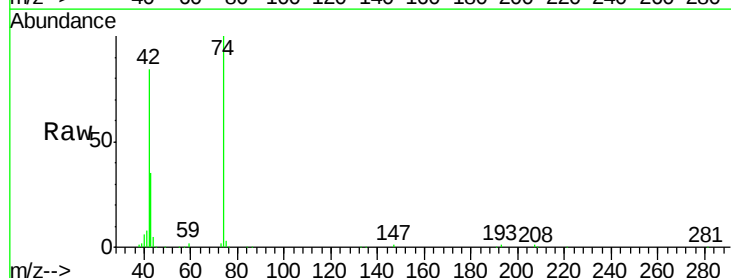
Tgt Ion: 42 Resp: 270575

Ion Ratio Lower Upper

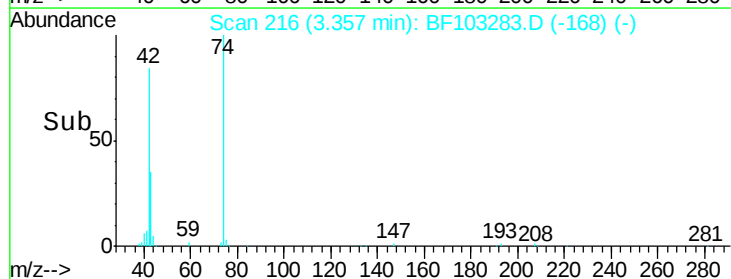
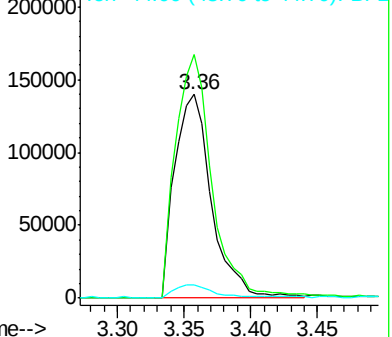
42 100

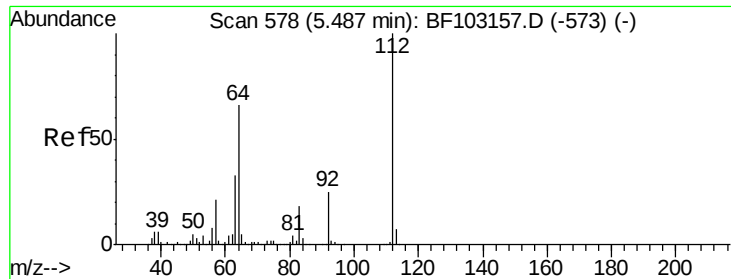
74 119.6 104.9 157.3

44 6.5 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.44 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

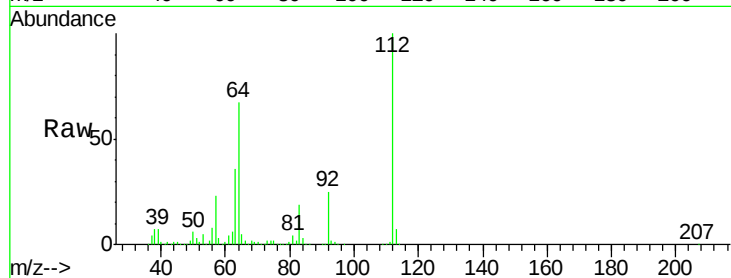
Tot Ion:112 Resp: 846212

Ion Ratio Lower Upper

112 100

64 67.4 47.9 71.9

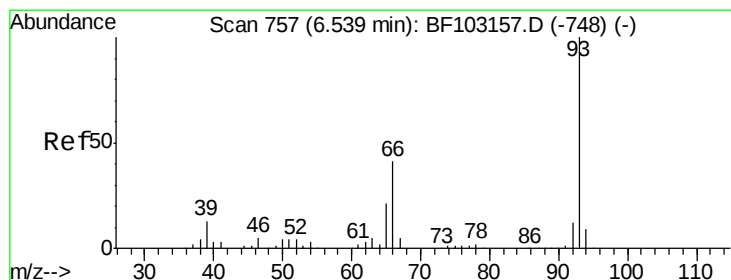
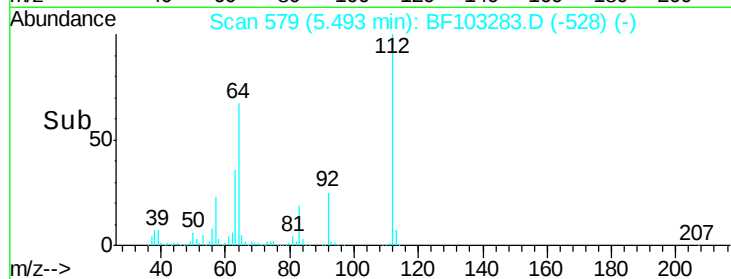
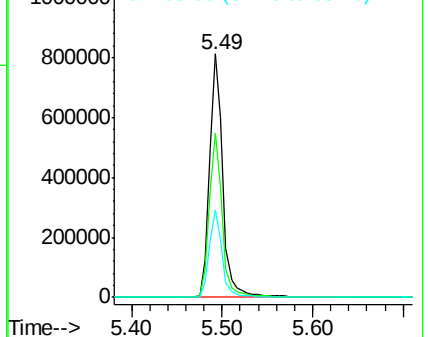
63 36.0 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.72 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

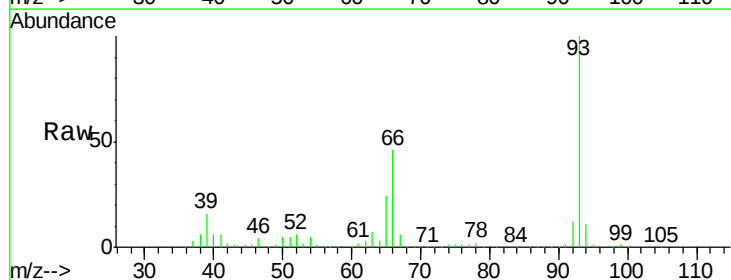
Tgt Ion: 93 Resp: 728292

Ion Ratio Lower Upper

93 100

66 45.6 32.2 48.2

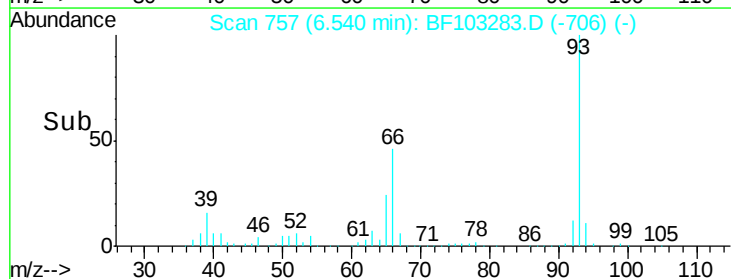
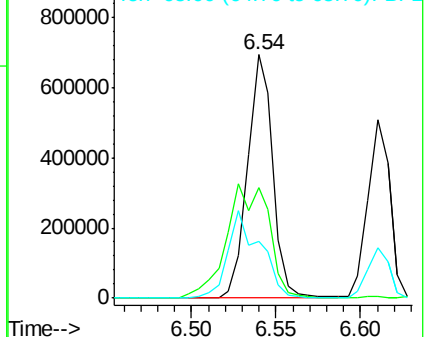
65 23.5 16.4 24.6

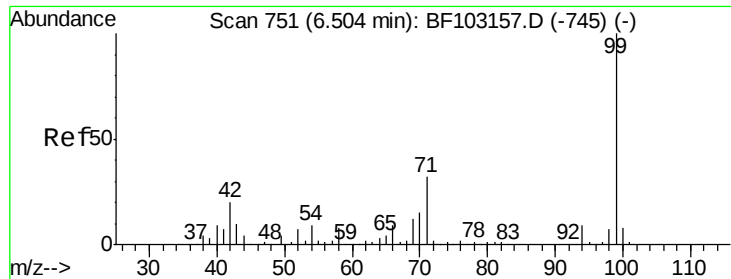


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.14 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

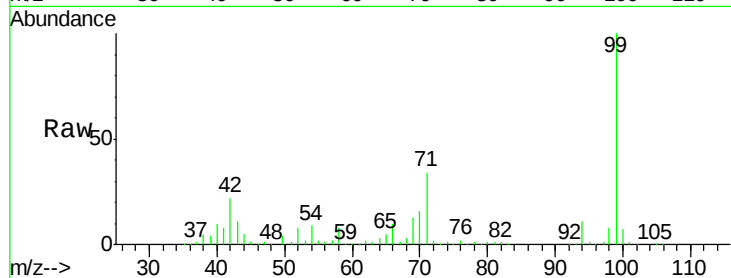
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1005461

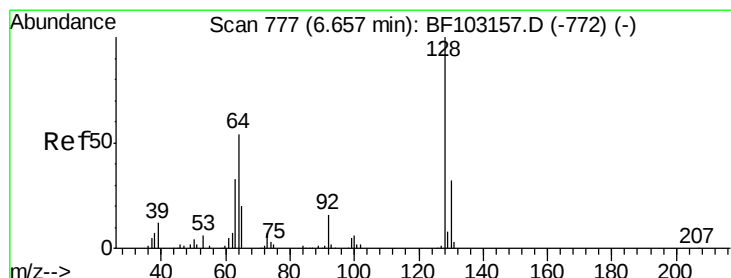
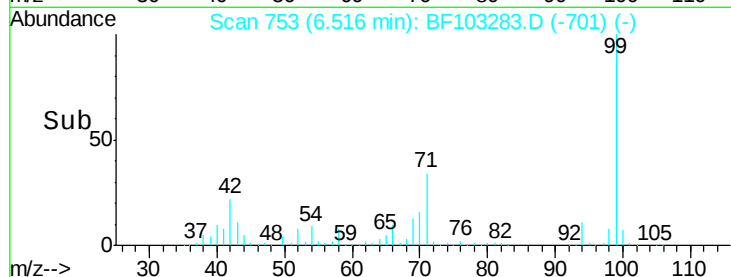
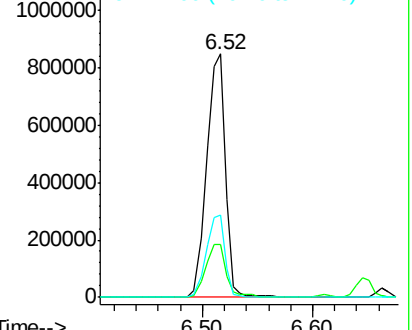
Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	33.6	25.4	38.0



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: 38.07 ng

RT: 6.66 min Scan# 778

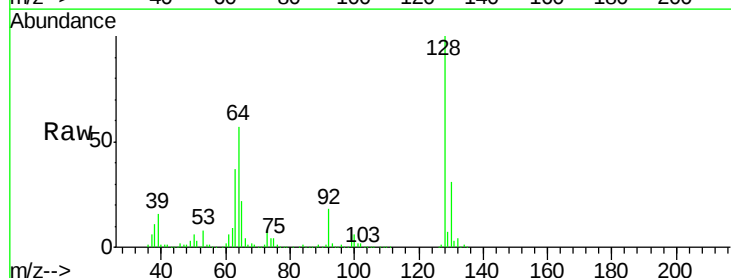
Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Tgt Ion: 128 Resp: 421282

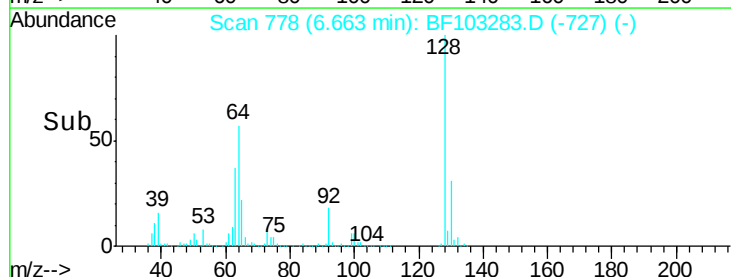
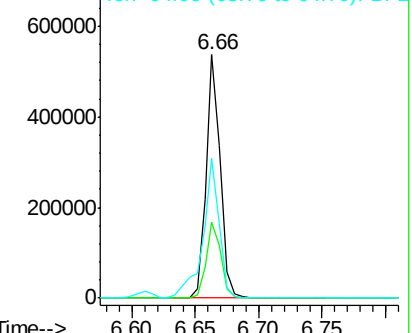
Ion	Ratio	Lower	Upper
128	100		
130	31.2	13.0	53.0
64	57.4	29.4	69.4

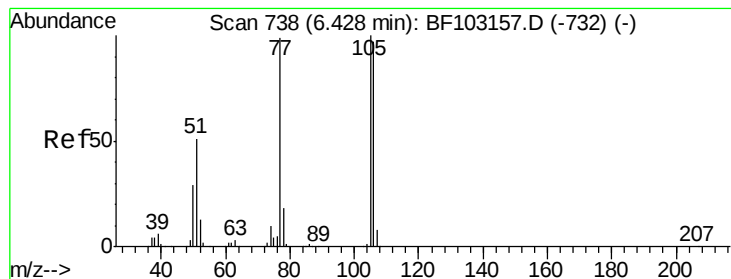


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.05 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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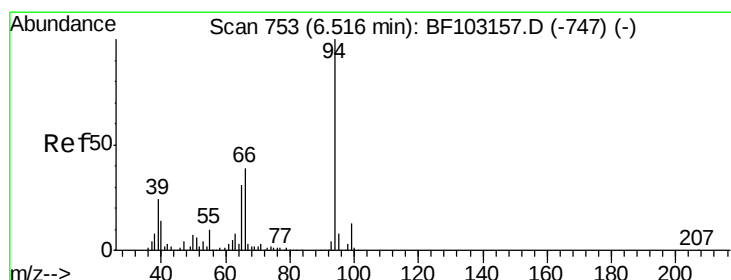
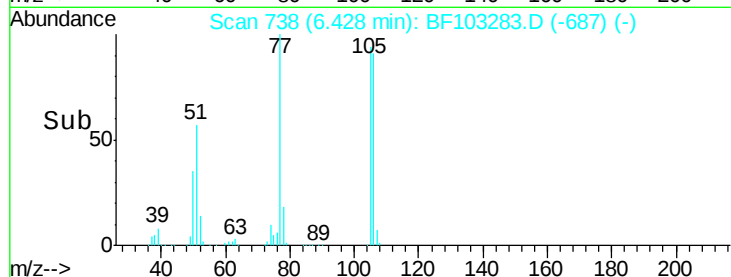
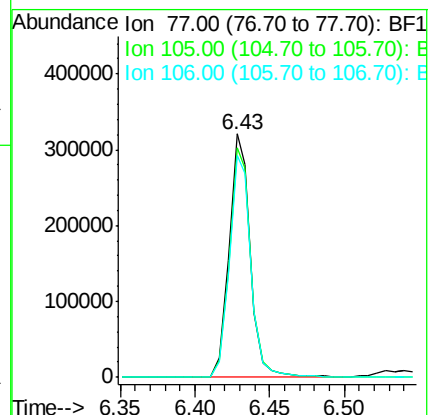
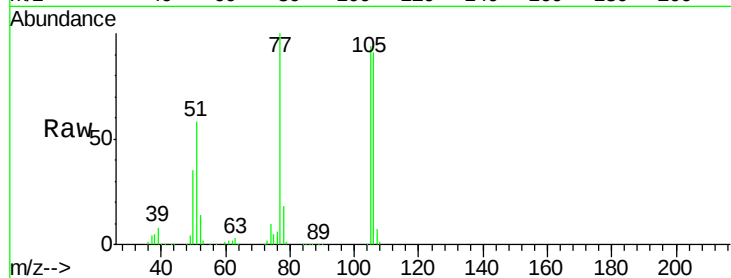
Tot Ion: 77 Resp: 322698

Ion Ratio Lower Upper

77 100

105 94.4 81.1 121.1

106 91.3 74.5 114.5



#10

Phenol

Concen: 38.16 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

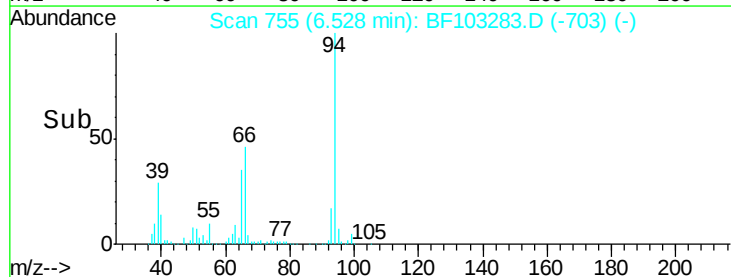
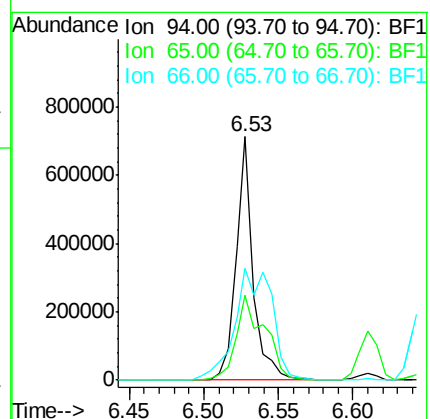
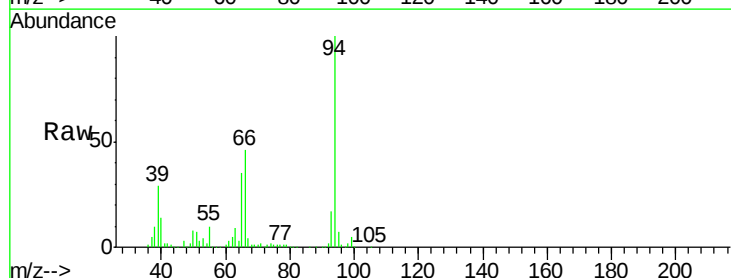
Tgt Ion: 94 Resp: 577382

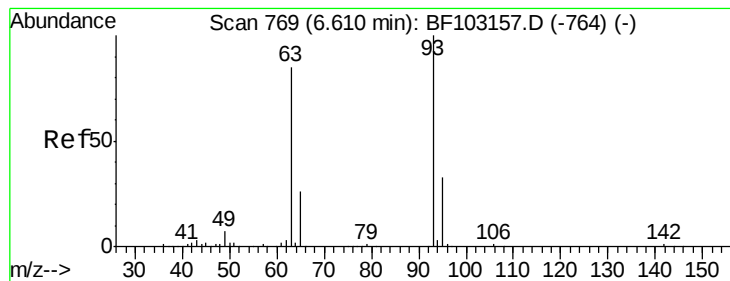
Ion Ratio Lower Upper

94 100

65 34.8 7.9 47.9

66 45.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.04 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

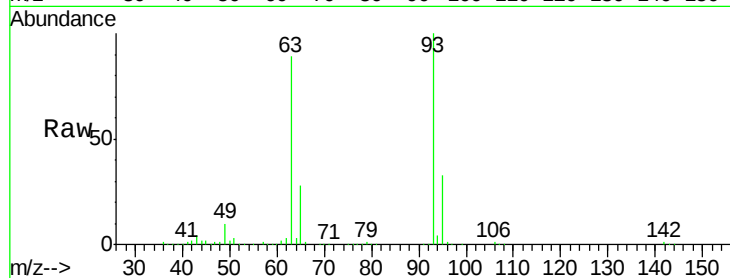
Tot Ion: 93 Resp: 459839

Ion Ratio Lower Upper

93 100

63 88.6 58.6 98.6

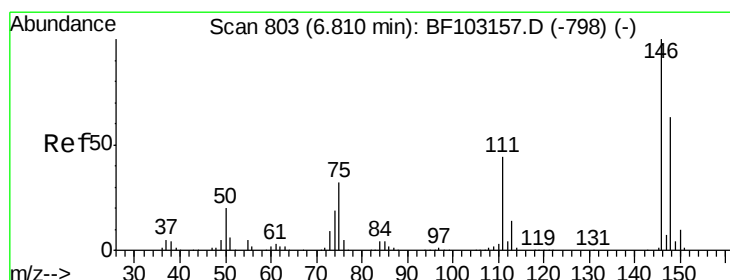
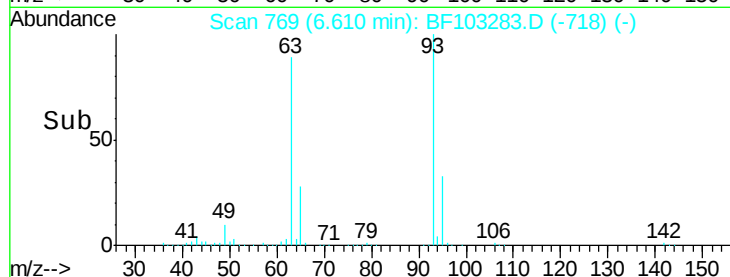
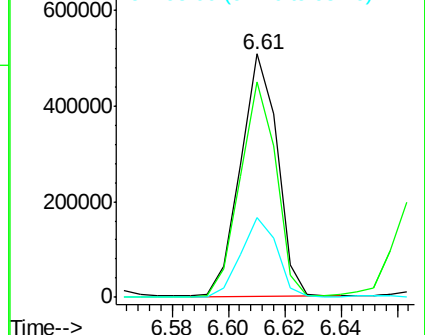
95 32.5 11.8 51.8



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: 38.34 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

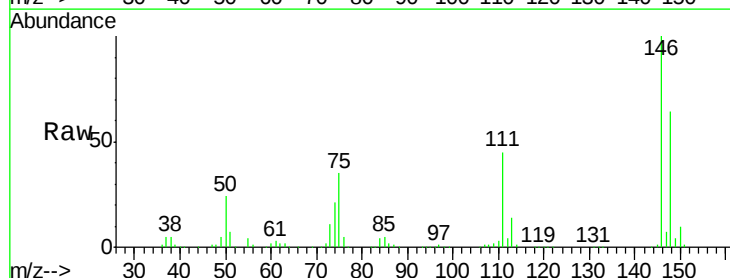
Tgt Ion: 146 Resp: 484775

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

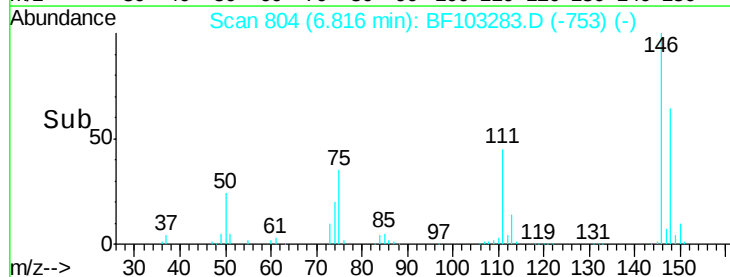
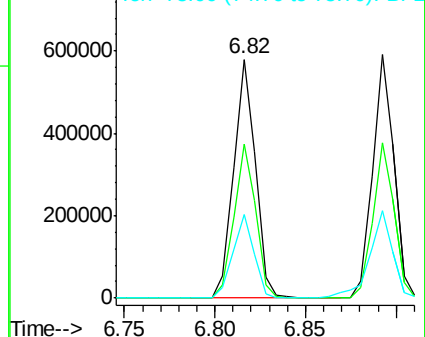
75 35.3 24.2 36.4

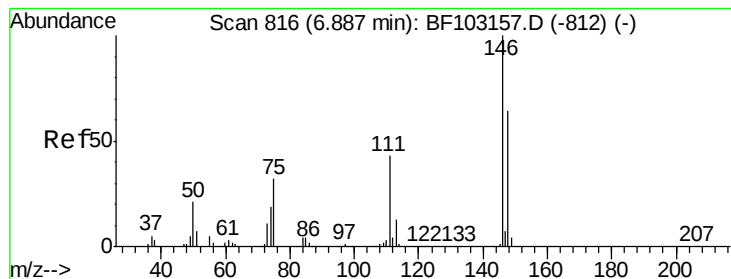


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.33 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

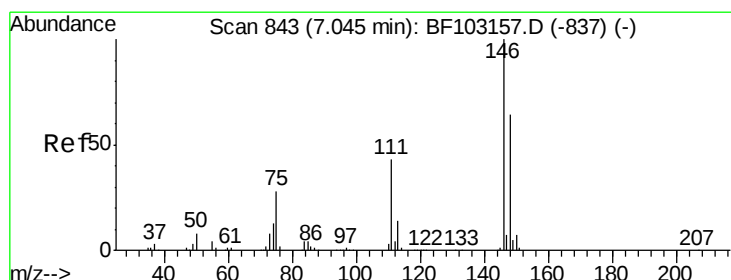
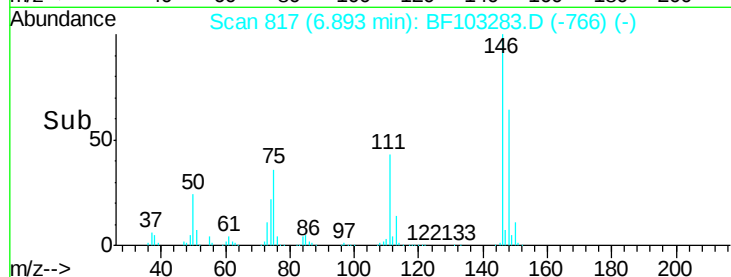
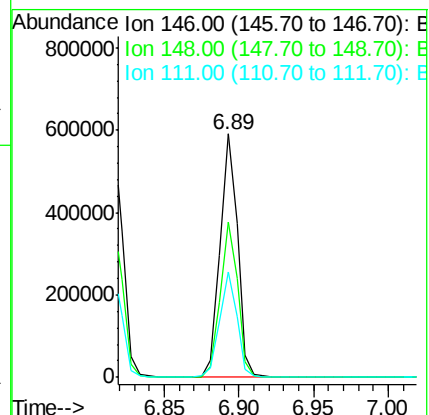
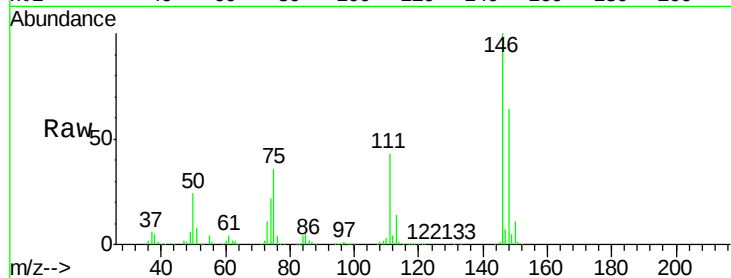
Tot Ion:146 Resp: 485943

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 43.0 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 37.84 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

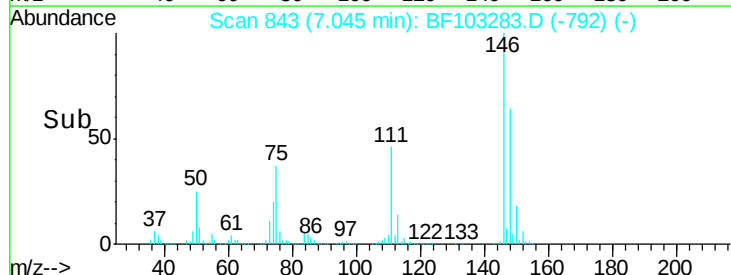
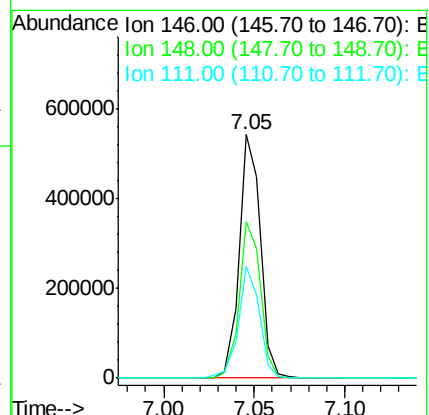
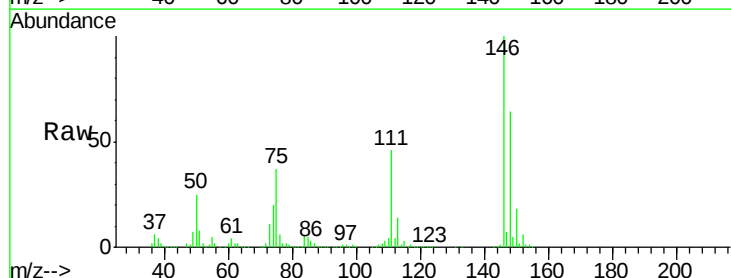
Tgt Ion:146 Resp: 442329

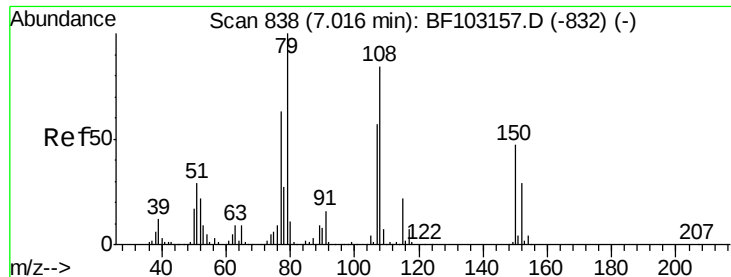
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

111 46.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.87 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampled :

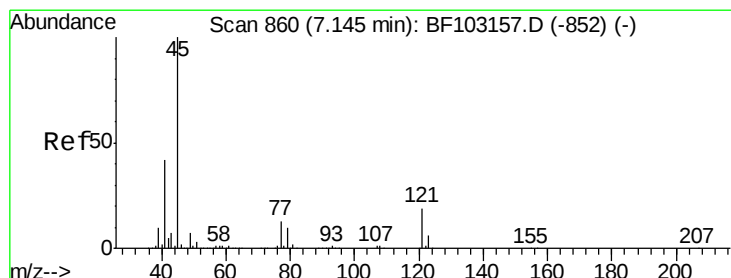
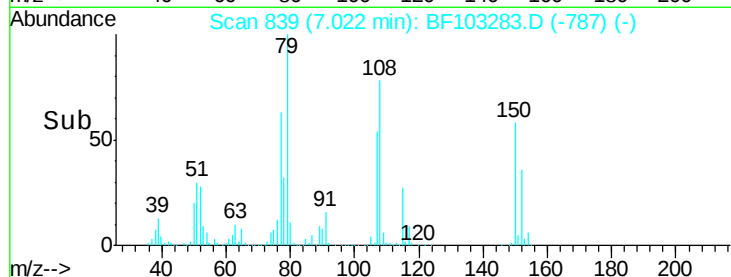
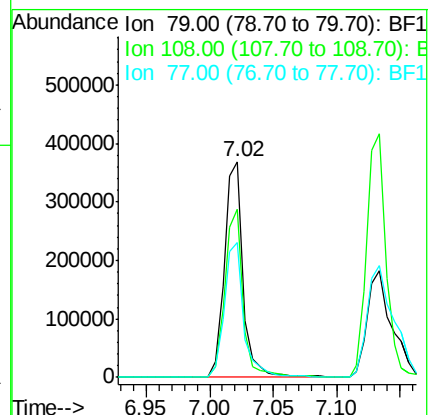
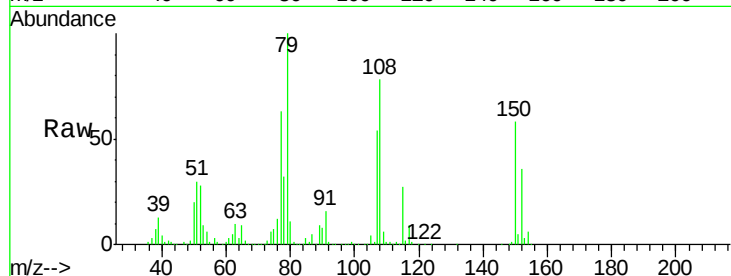
Tot Ion: 79 Resp: 381764

Ion Ratio Lower Upper

79 100

108 78.0 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.53 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

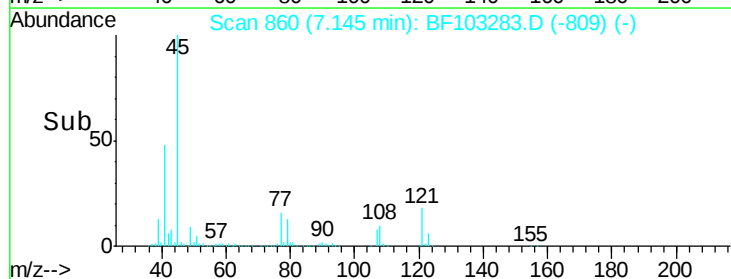
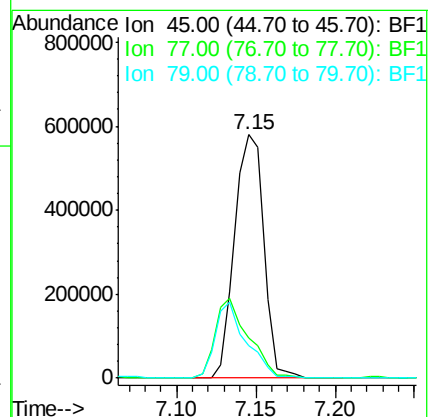
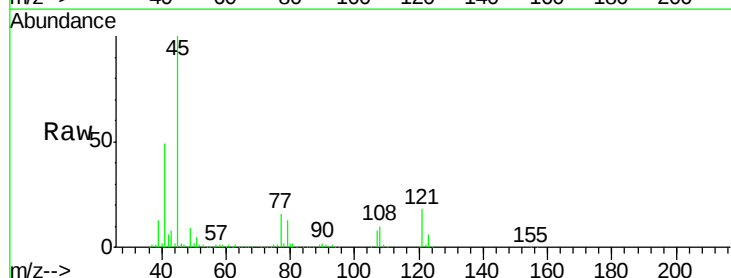
Tgt Ion: 45 Resp: 740078

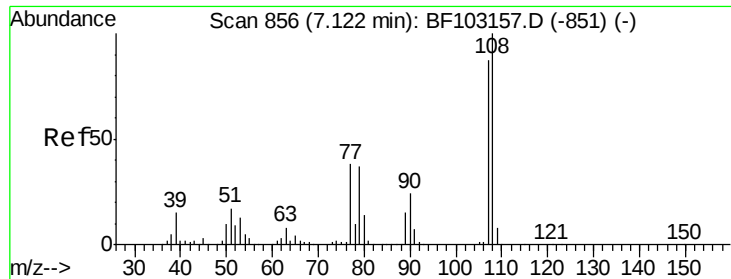
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.9

79 13.1 0.0 29.6

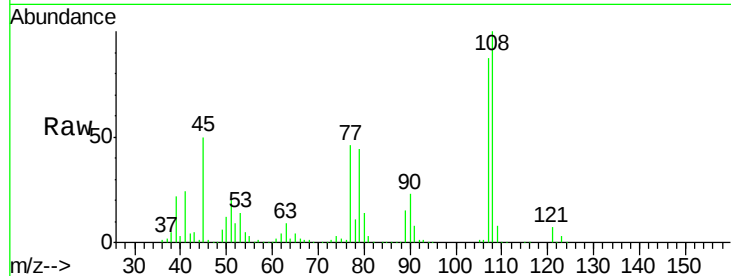




#17
2-Methylphenol
Concen: 37.35 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.7	137.5
77	52.8	33.8	50.8#
79	50.5	33.8	50.8



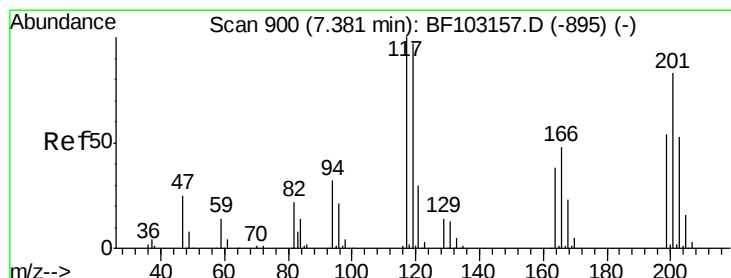
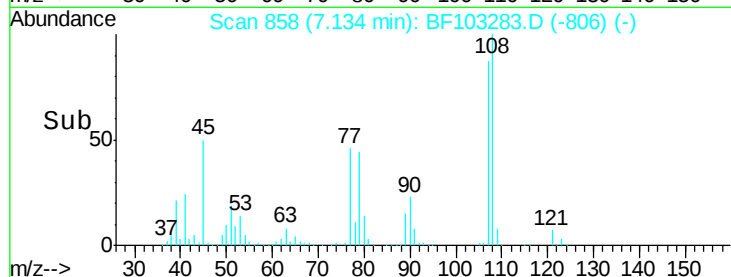
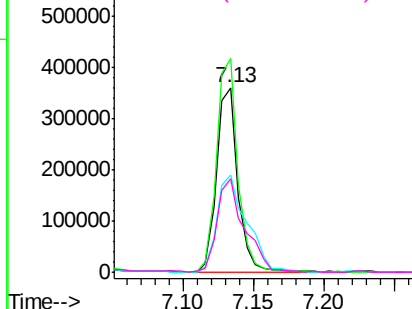
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

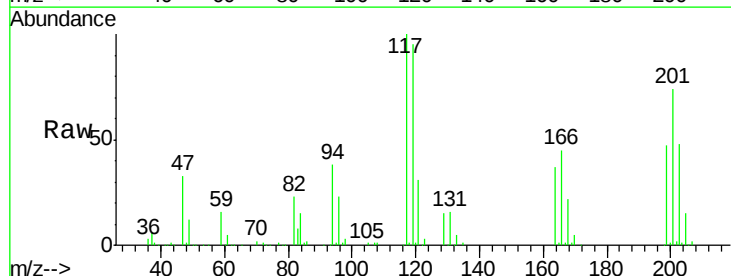
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.71 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	73.8	75.7	113.5#

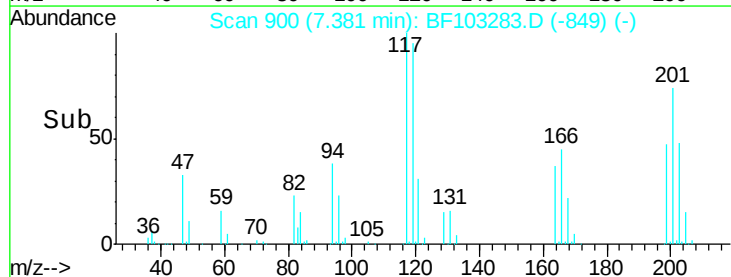
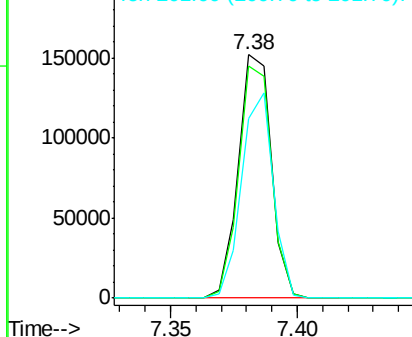


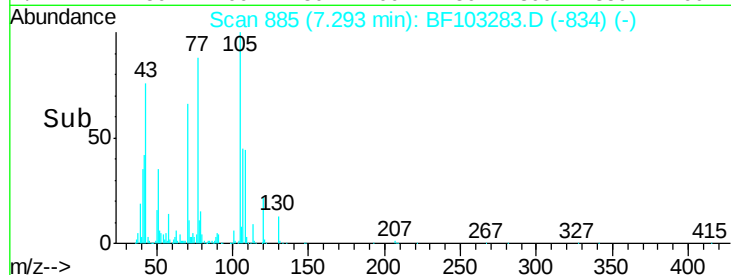
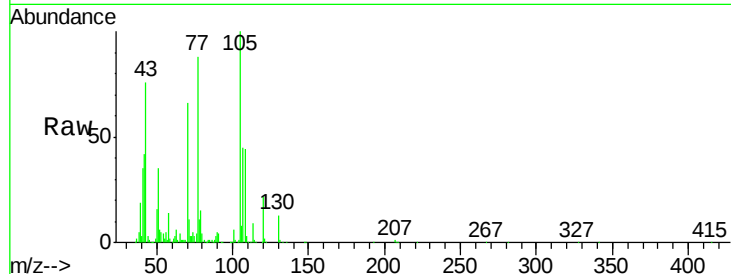
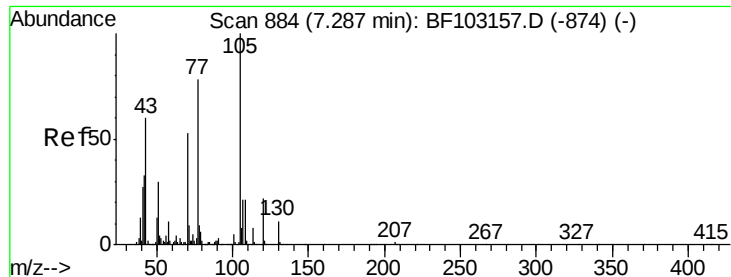
Abundance

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

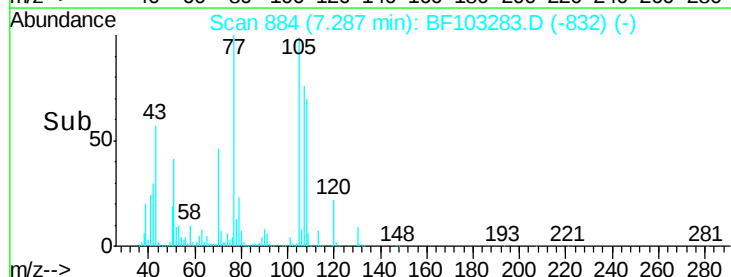
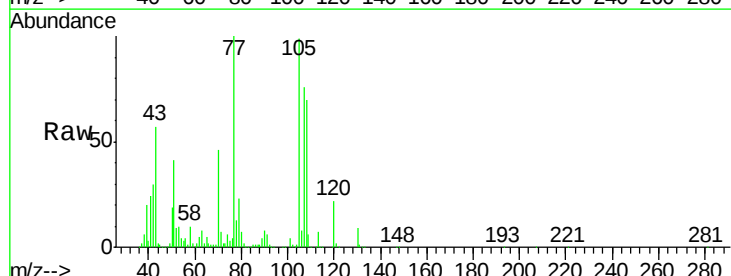
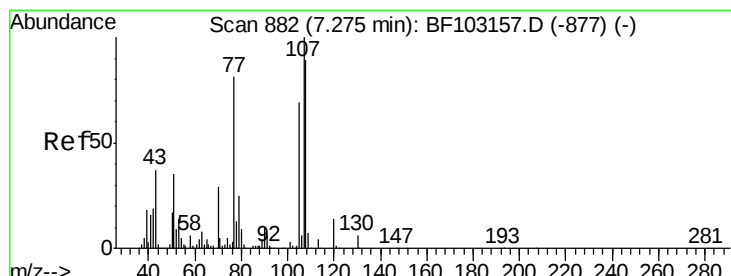
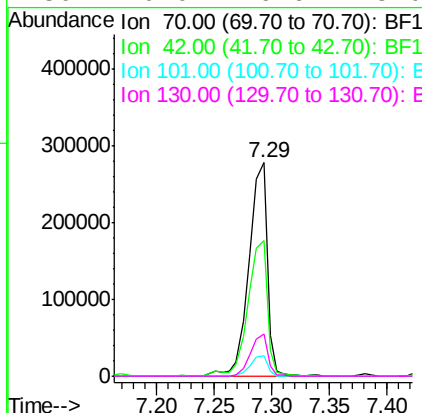




#19
n-Nitroso-di-n-propylamine
Concen: 38.15 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

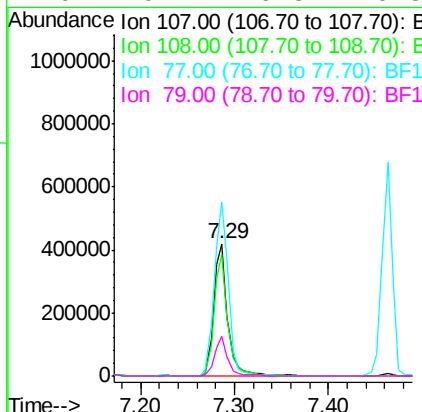
Instrument :
BNA_F
ClientSampleId :

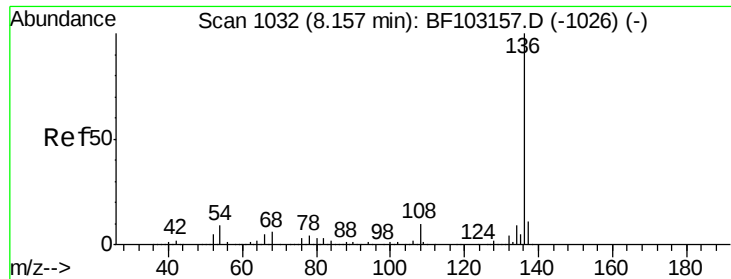
Tot Ion: 70 Resp: 309489
Ion Ratio Lower Upper
70 100
42 63.4 47.5 71.3
101 9.8 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.48 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion: 107 Resp: 434893
Ion Ratio Lower Upper
107 100
108 92.5 68.2 108.2
77 131.3 26.7 66.7#
79 29.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 633423

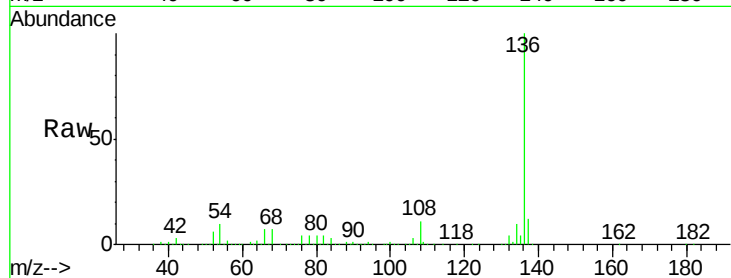
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.9 6.6 9.8#

68 6.8 5.0 7.4

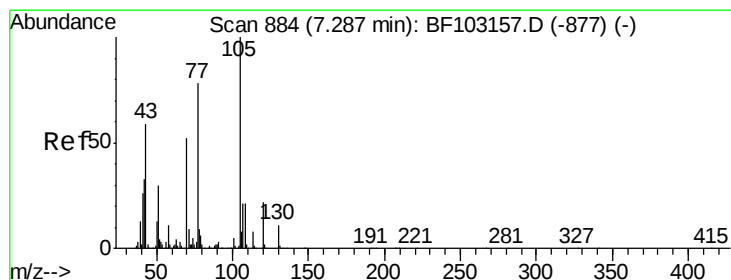
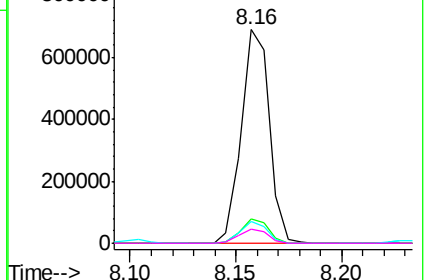
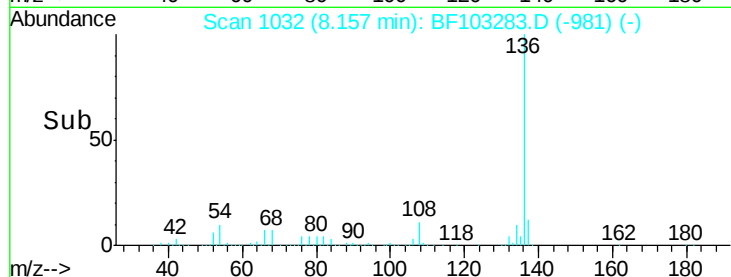


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.11 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Tgt Ion:105 Resp: 578197

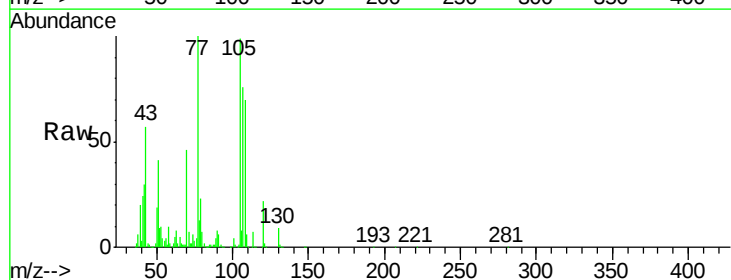
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 41.8 22.3 33.5#

120 21.8 16.9 25.3

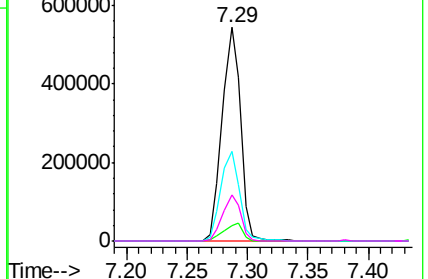
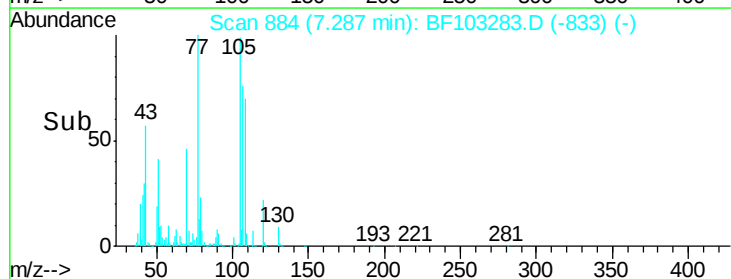


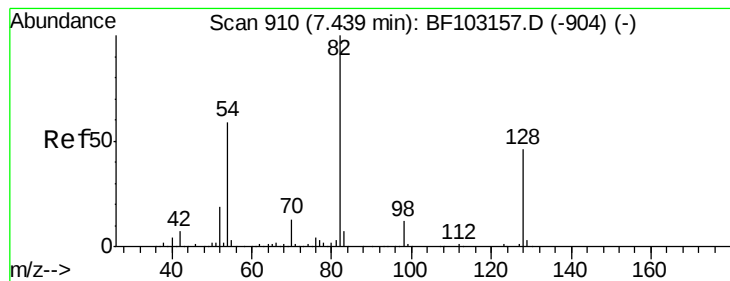
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.64 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

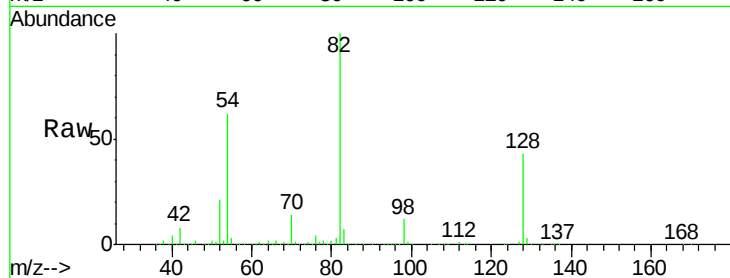
Tot Ion: 82 Resp: 916562

Ion Ratio Lower Upper

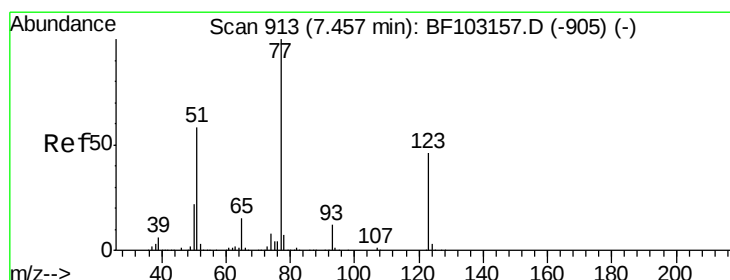
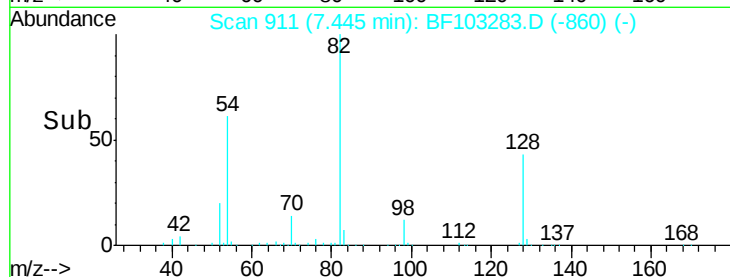
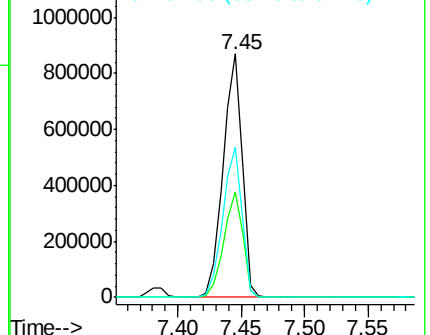
82 100

128 43.4 36.1 54.1

54 61.8 41.4 62.2



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



#24

Nitrobenzene

Concen: 41.90 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

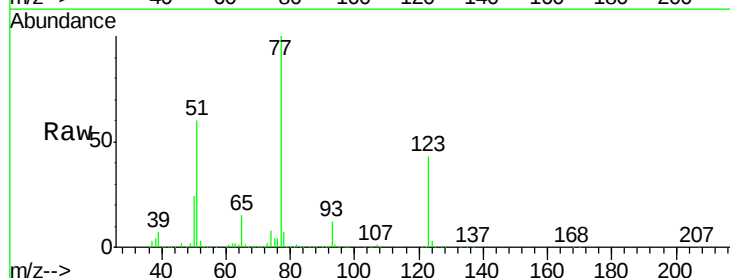
Tgt Ion: 77 Resp: 511708

Ion Ratio Lower Upper

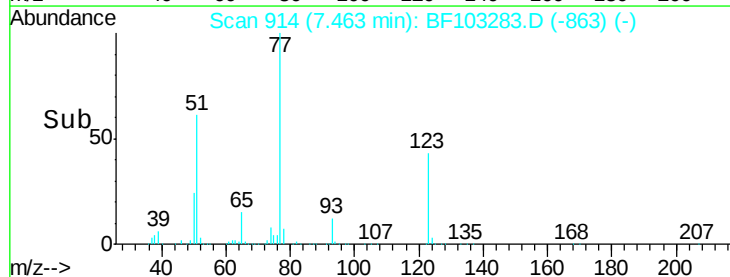
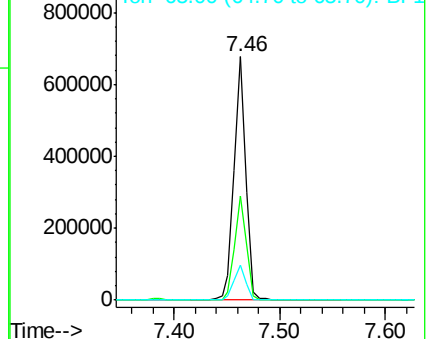
77 100

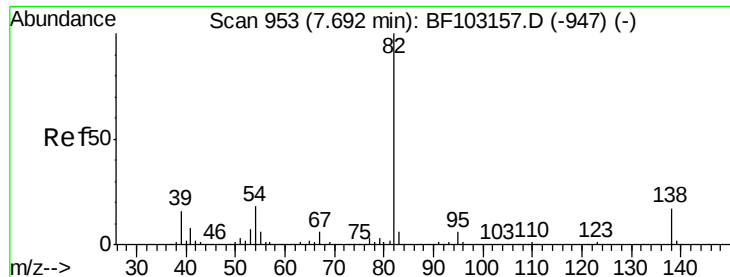
123 42.9 37.9 56.9

65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 40.06 ng

RT: 7.70 min Scan# 954

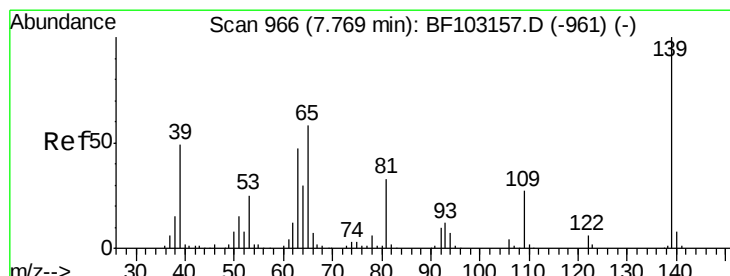
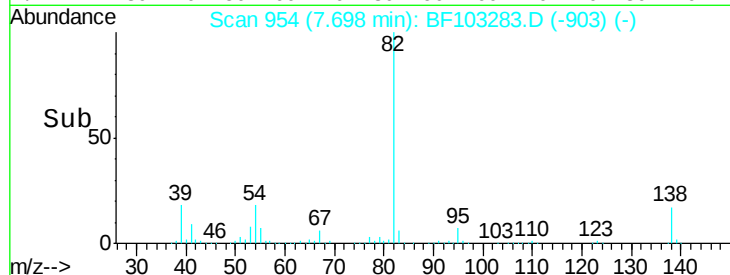
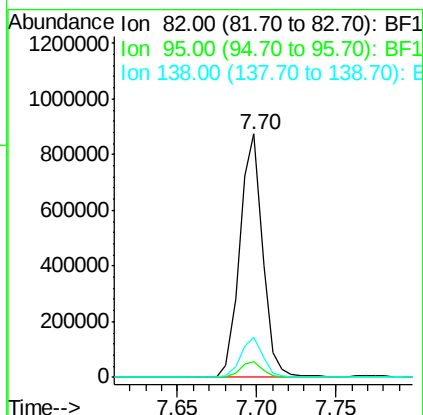
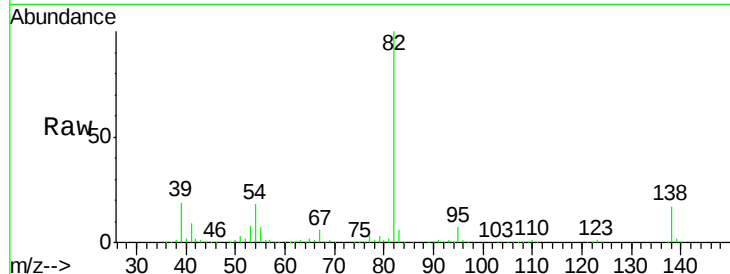
Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	875063
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	16.7	14.9	22.3



#26

2-Nitrophenol

Concen: 31.51 ng

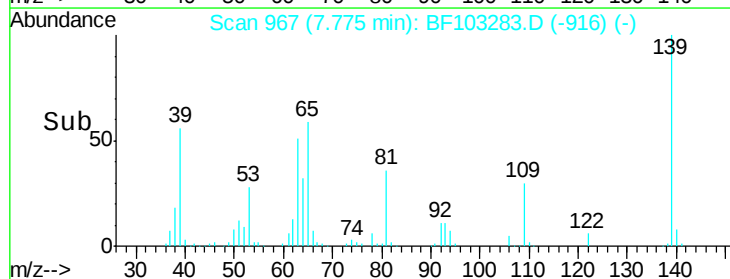
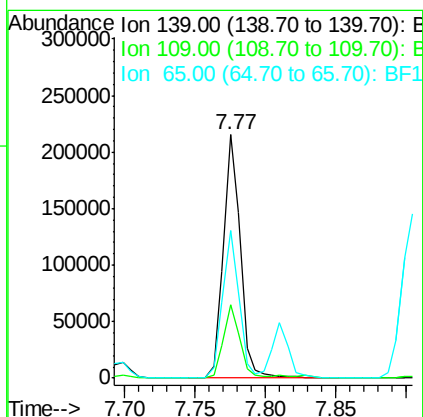
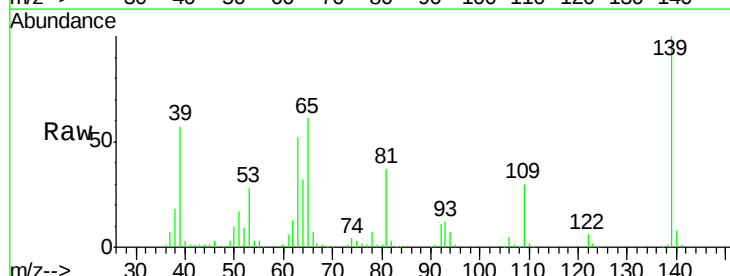
RT: 7.77 min Scan# 967

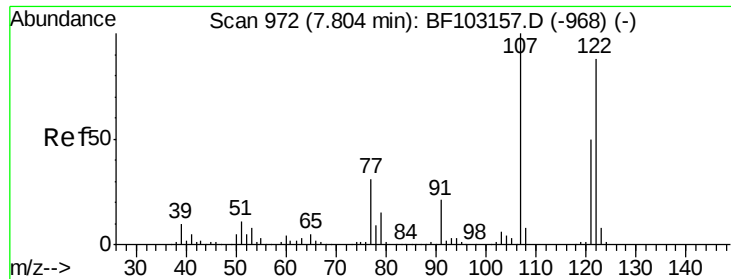
Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Tgt Ion:	139	Resp:	181169
Ion	Ratio	Lower	Upper
139	100		
109	30.1	22.7	34.1
65	60.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.96 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

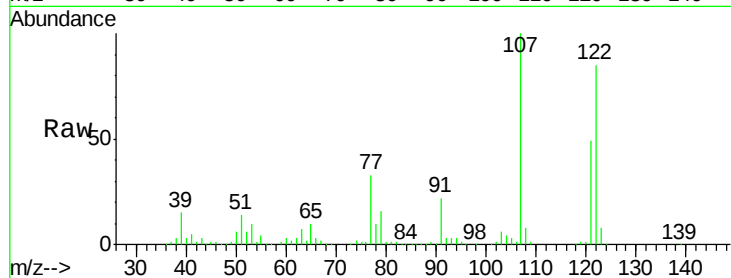
Tot Ion:122 Resp: 351123

Ion Ratio Lower Upper

122 100

107 117.0 91.2 136.8

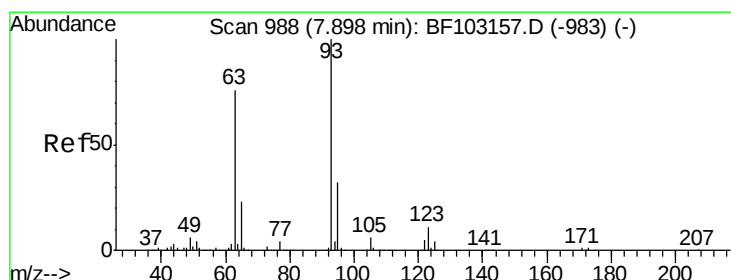
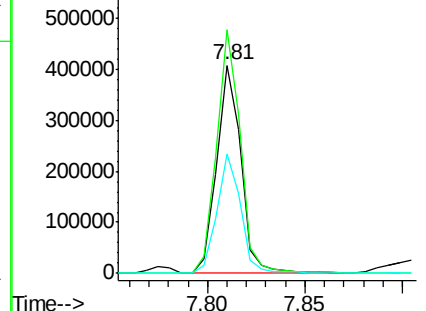
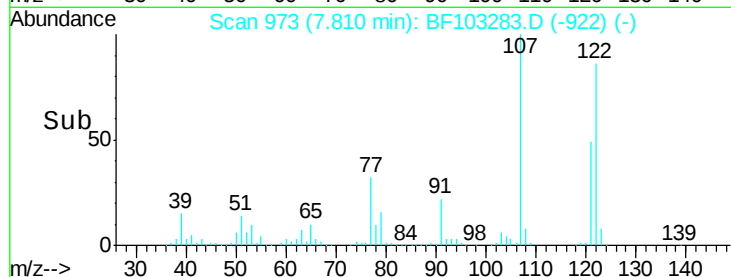
121 57.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.41 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

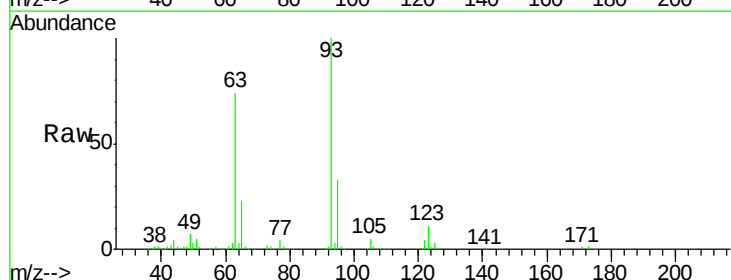
Tgt Ion: 93 Resp: 519017

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

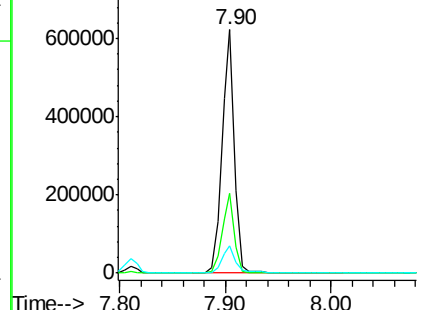
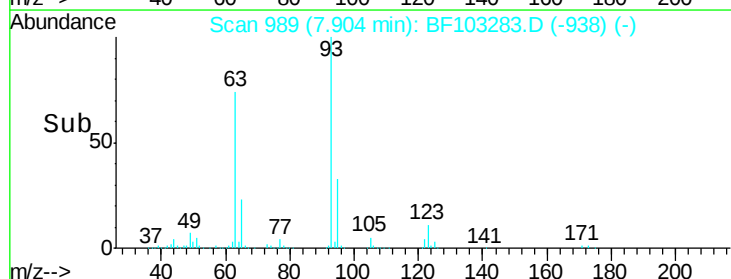
123 11.4 9.8 14.6

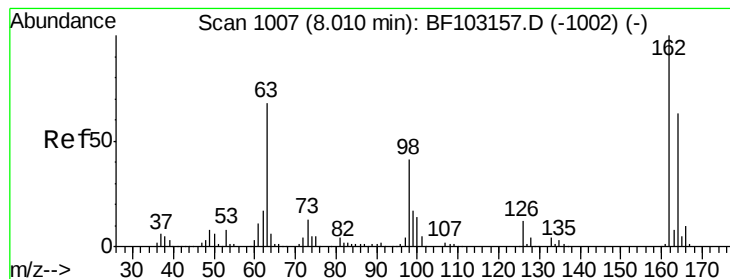


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.83 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampled :

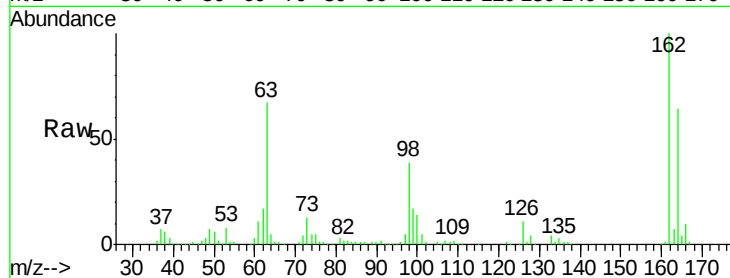
Tot Ion:162 Resp: 326693

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

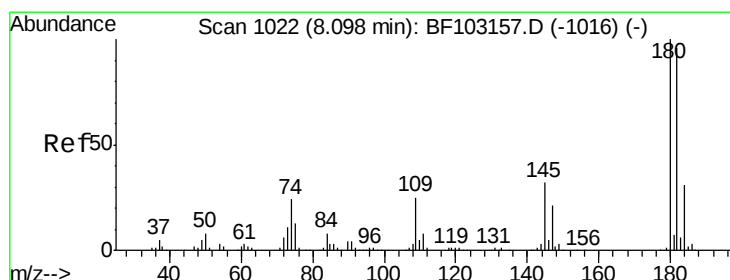
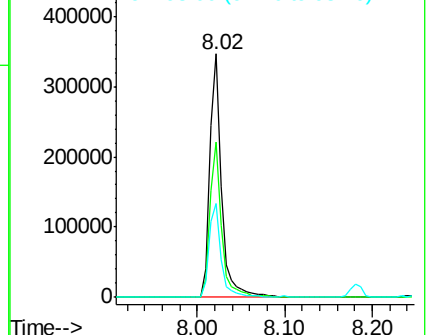
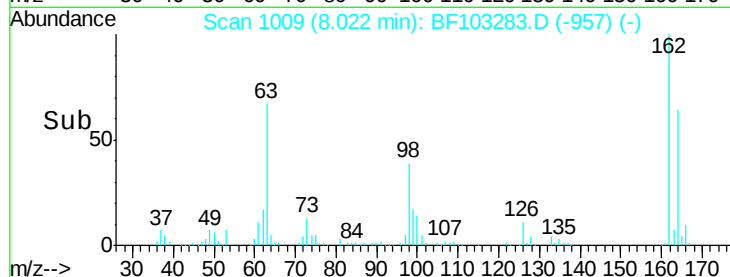
98 38.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.70 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

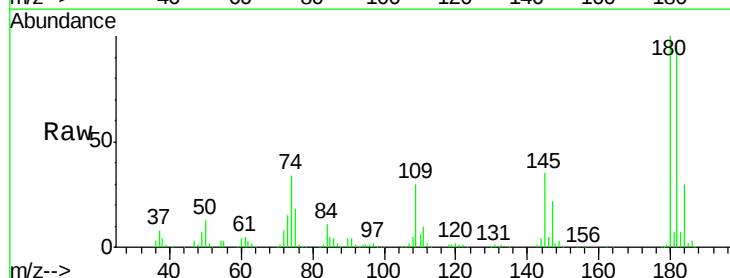
Tgt Ion:180 Resp: 346710

Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

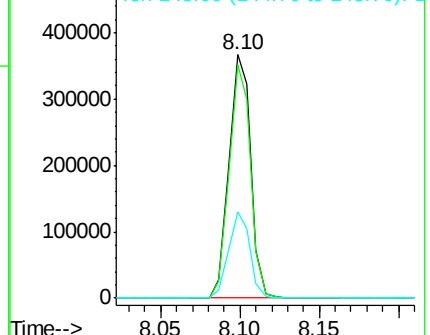
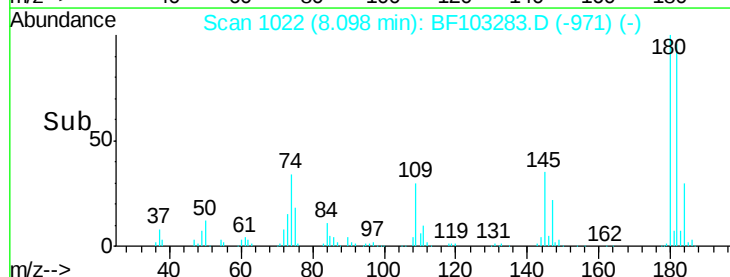
145 35.3 26.5 39.7

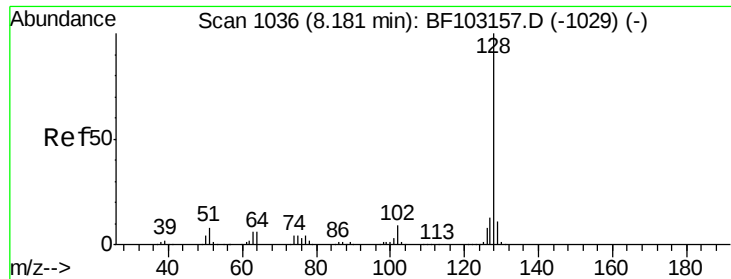


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

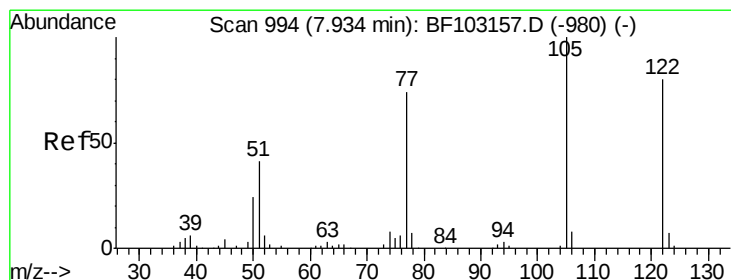
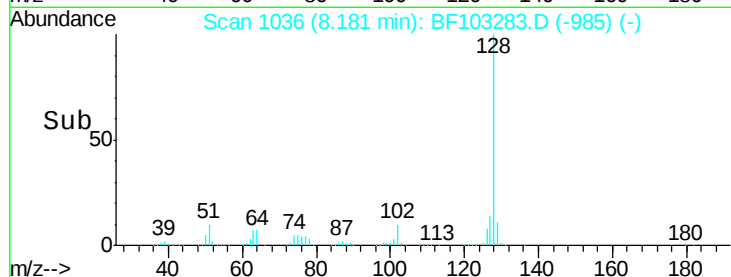
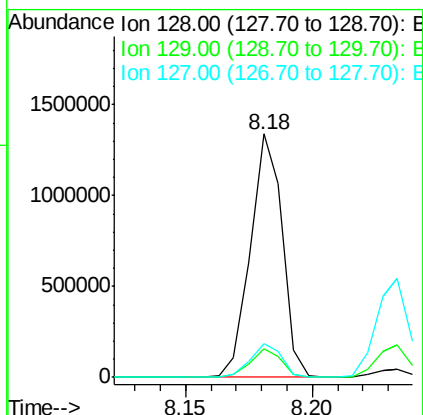
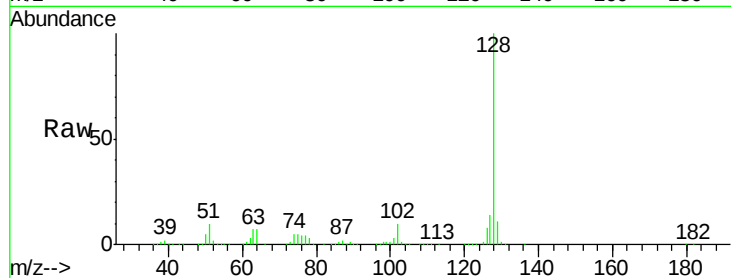




#31
Naphthalene
Concen: 37.80 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

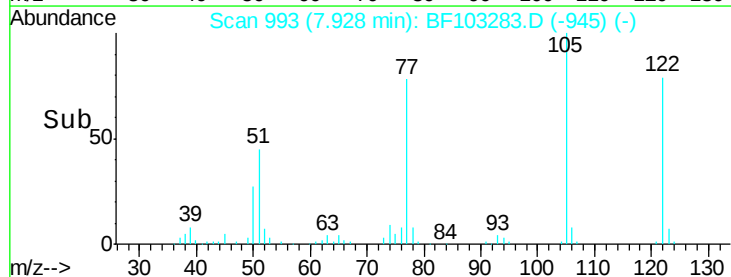
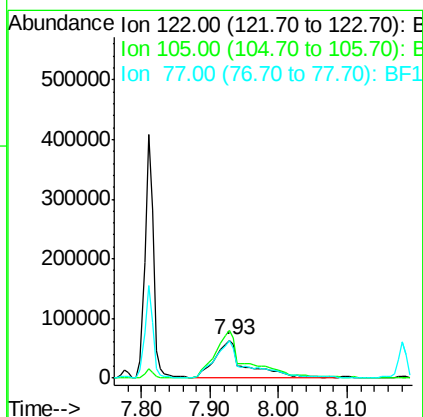
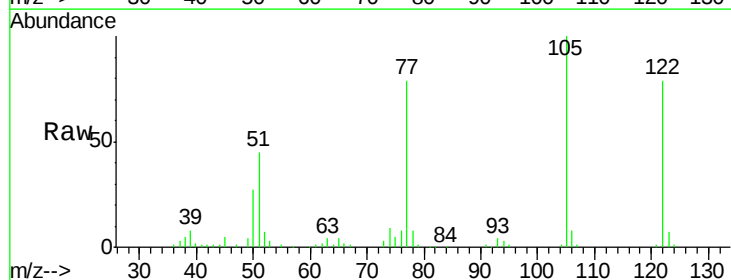
Instrument :
BNA_F
ClientSampleId :

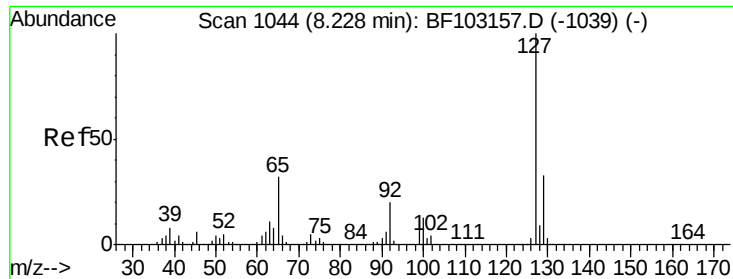
Tot Ion:128 Resp: 1172104
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 31.89 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:122 Resp: 190193
Ion Ratio Lower Upper
122 100
105 126.8 101.1 141.1
77 100.1 70.7 110.7

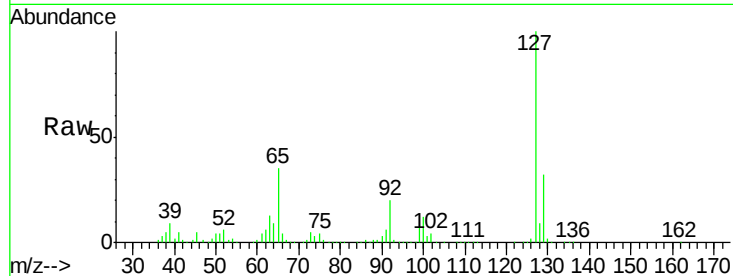




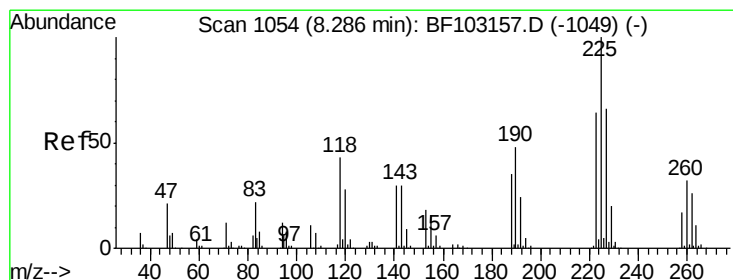
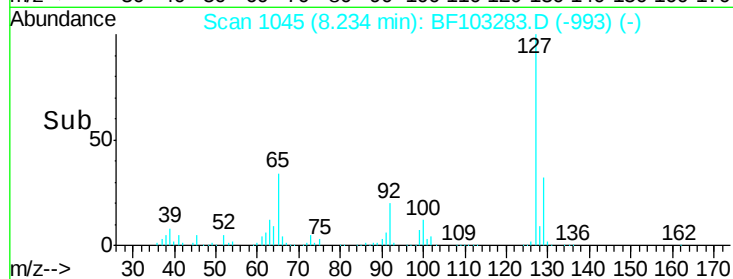
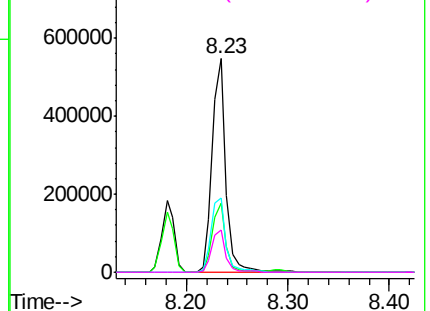
#33
4-Chloroaniline
Concen: 38.32 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	512798
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	34.6	25.0	37.4
92	19.7	15.2	22.8

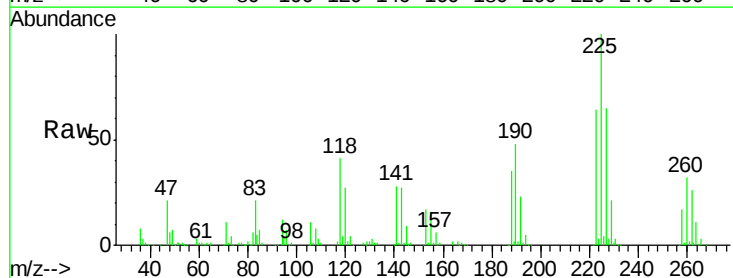


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

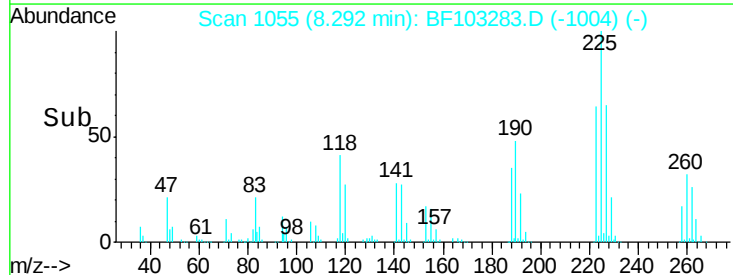
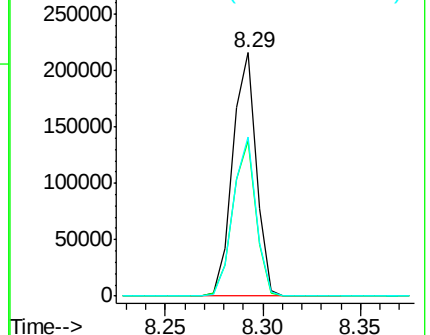


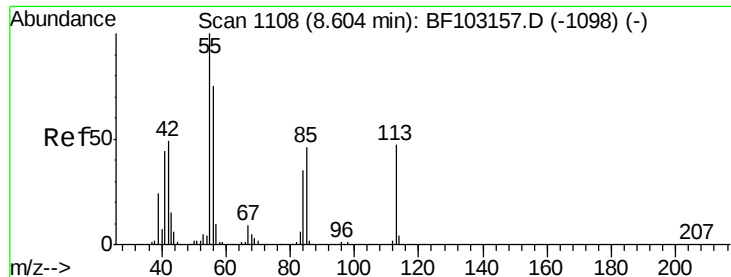
#34
Hexachlorobutadiene
Concen: 38.75 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:	225	Resp:	180774
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.4	51.9	77.9



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





#35

Caprolactam

Concen: 38.87 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

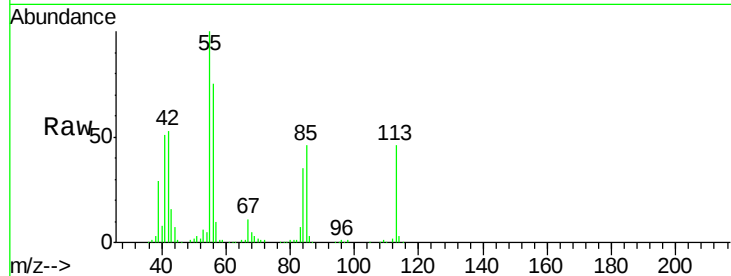
Tot Ion:113 Resp: 114924

Ion Ratio Lower Upper

113 100

55 219.5 163.3 203.3#

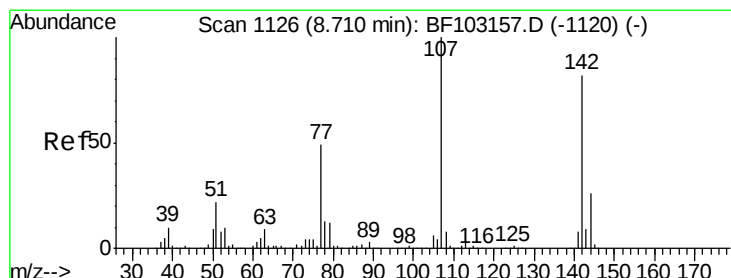
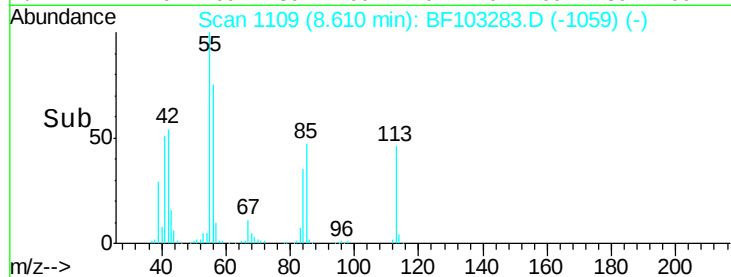
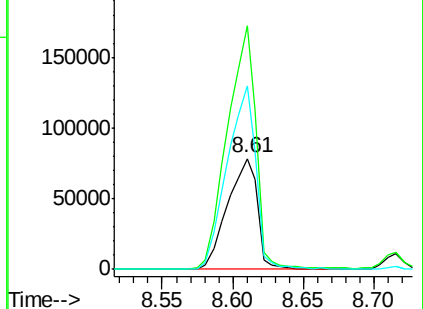
56 165.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.65 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

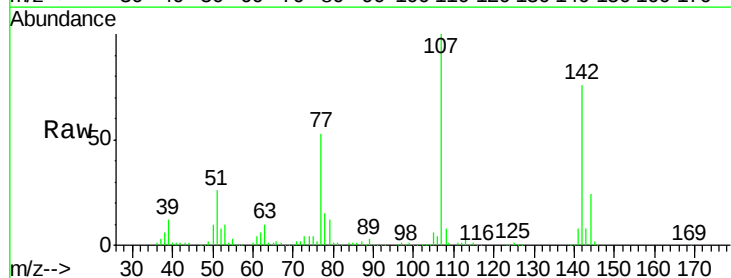
Tgt Ion:107 Resp: 357260

Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

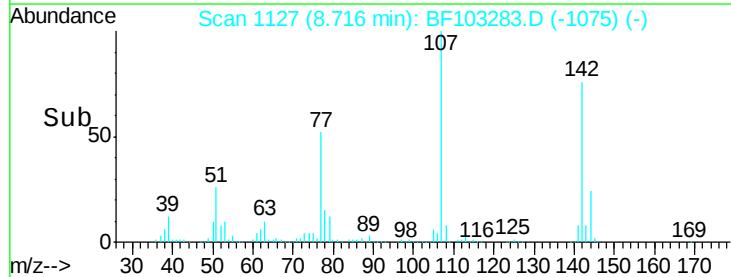
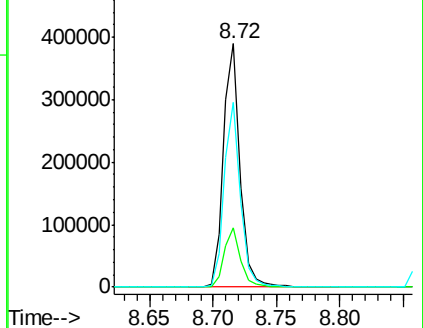
142 75.9 62.0 93.0

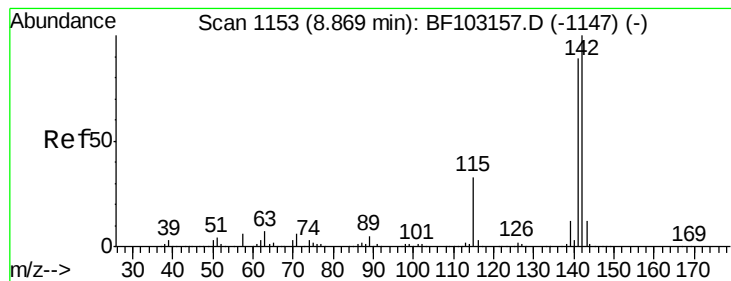


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.96 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

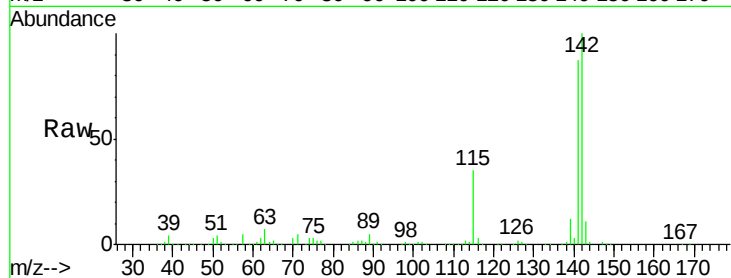
Tot Ion:142 Resp: 740833

Ion Ratio Lower Upper

142 100

141 86.9 70.8 106.2

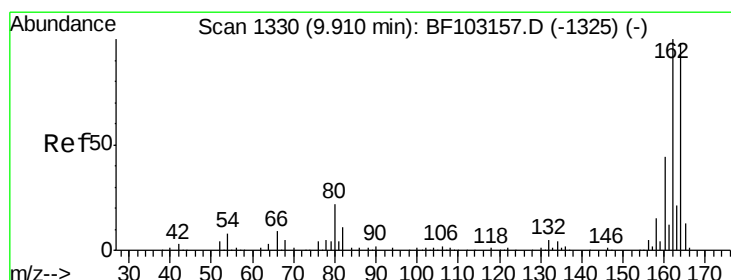
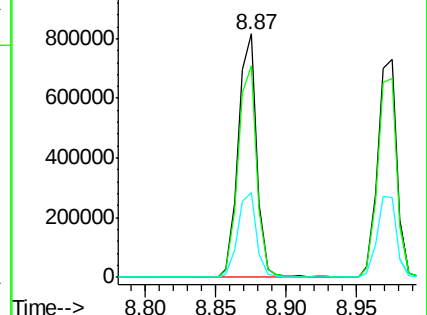
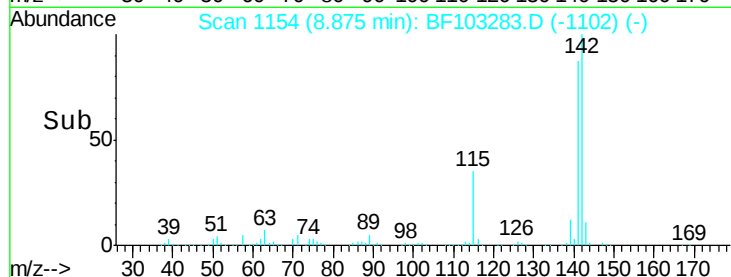
115 34.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

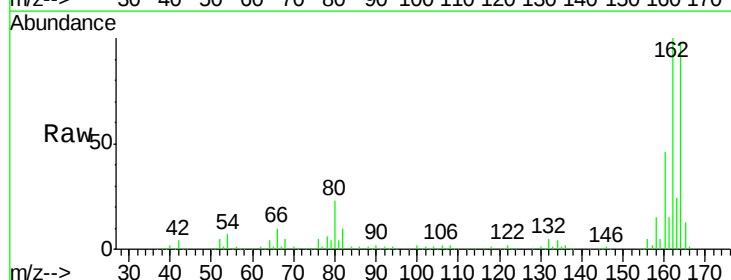
Tgt Ion:164 Resp: 250643

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

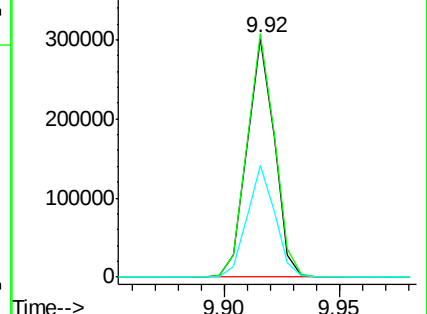
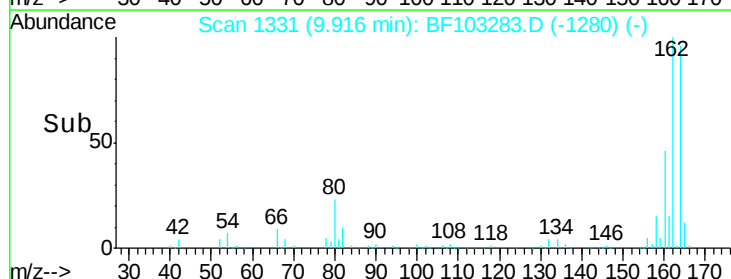
160 46.7 38.3 57.5

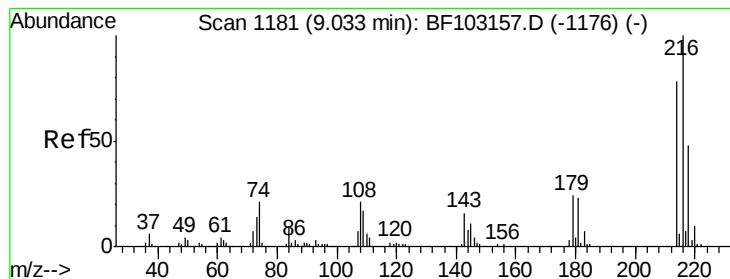


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

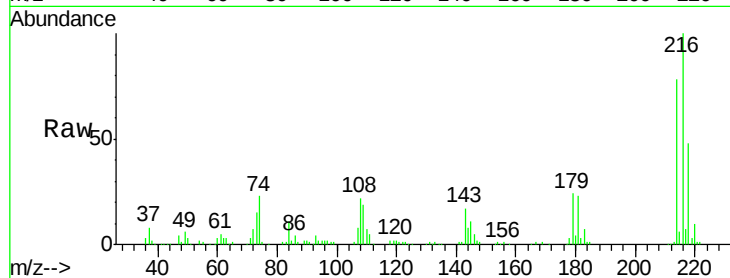




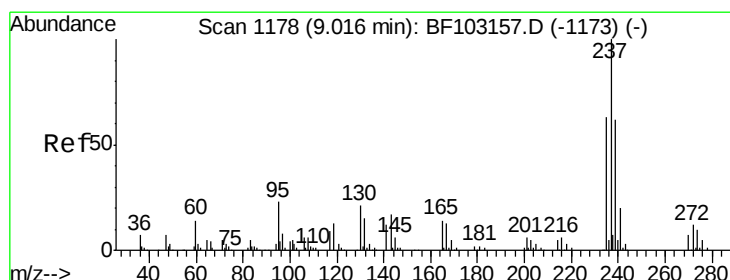
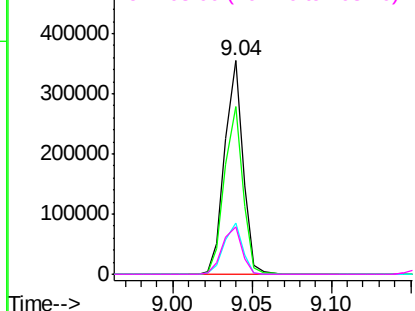
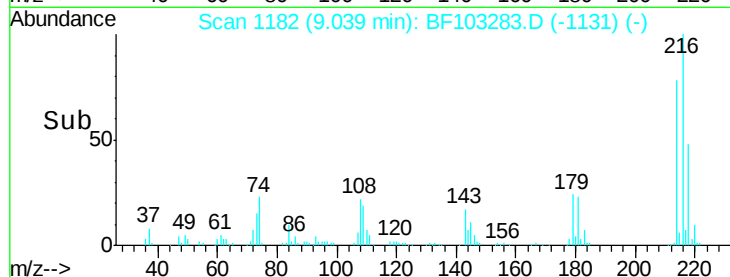
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.51 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 284443
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.0 94.4
 179 24.2 18.1 27.1
 108 23.7 17.2 25.8

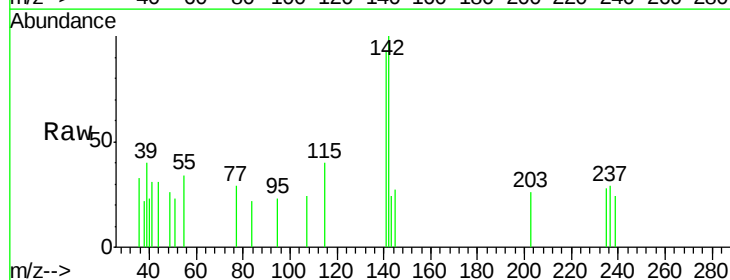


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

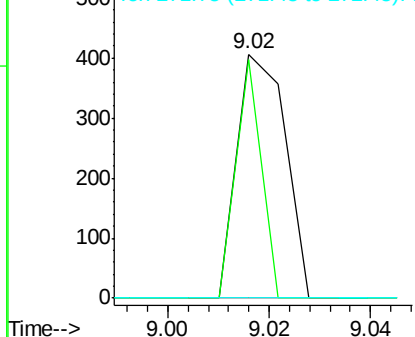
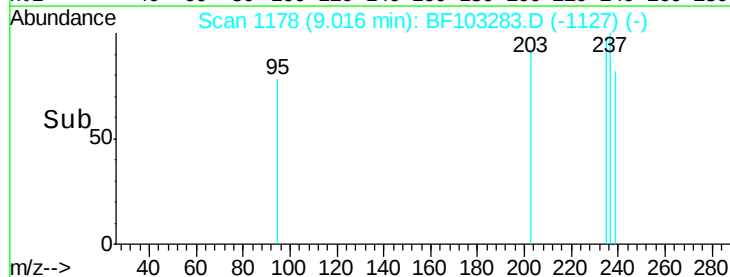


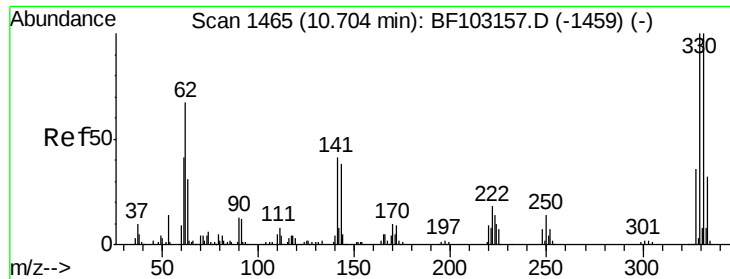
#40
 Hexachlorocyclopentadiene
 Concen: 8.98 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:237 Resp: 269
 Ion Ratio Lower Upper
 237 100
 235 97.8 44.8 84.8#
 272 0.0 0.0 33.3



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

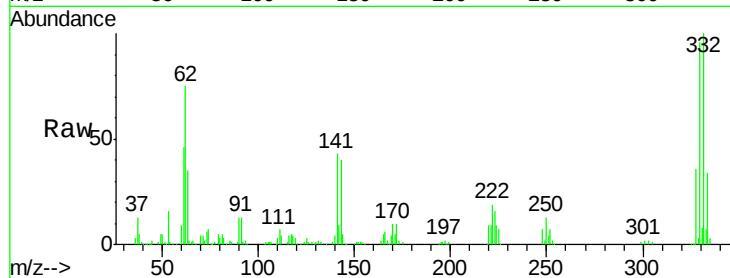




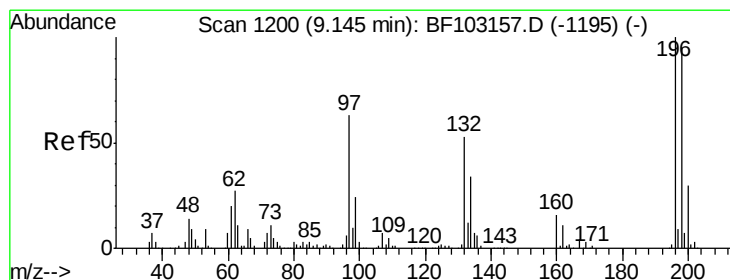
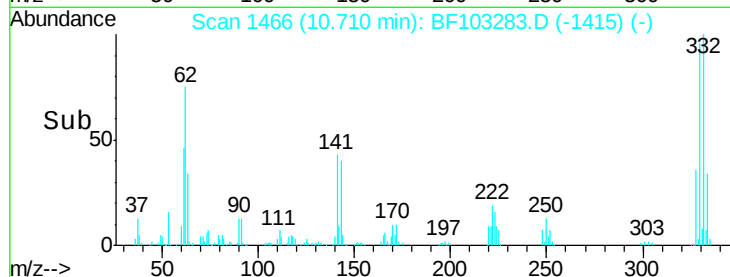
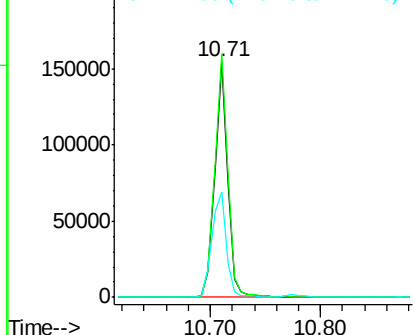
#41
 2,4,6-Tribromophenol
 Concen: 59.11 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 125404
 Ion Ratio Lower Upper
 330 100
 332 104.5 77.0 115.6
 141 49.5 29.9 44.9#

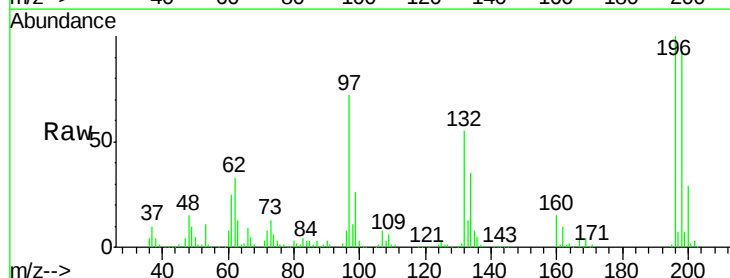


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

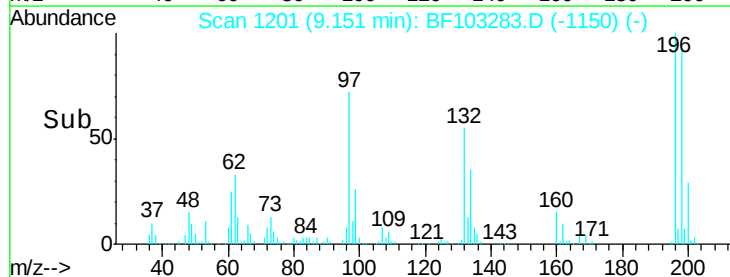
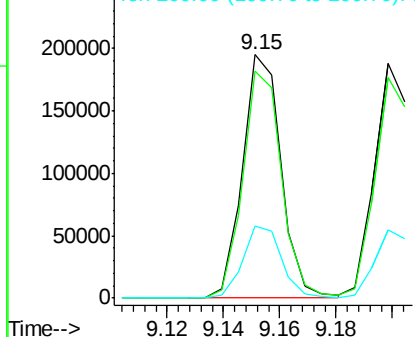


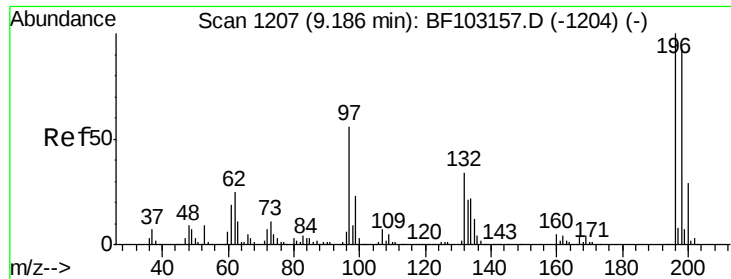
#42
 2,4,6-Trichlorophenol
 Concen: 40.11 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:196 Resp: 184943
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 29.4 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

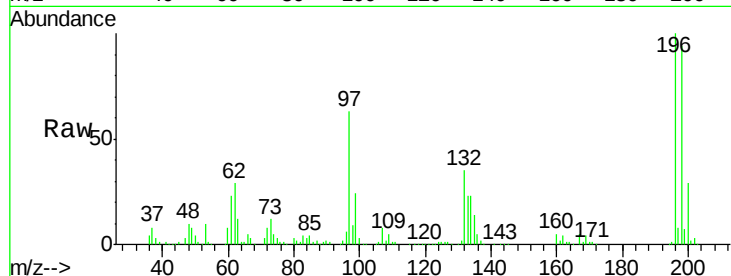




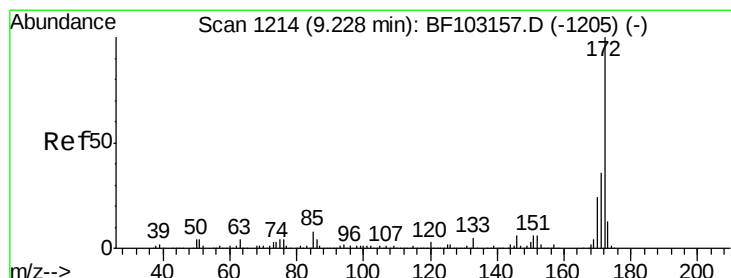
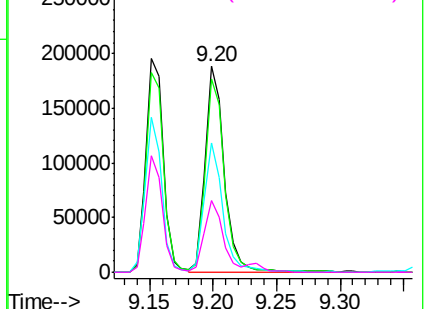
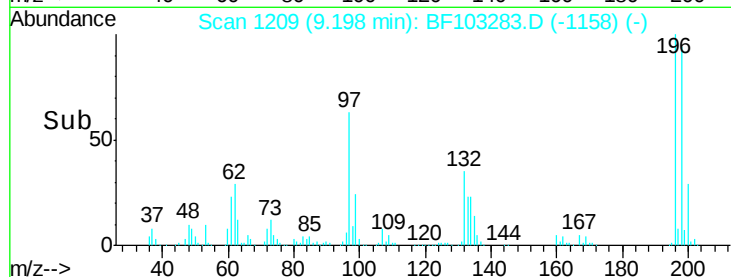
#43
 2,4,5-Trichlorophenol
 Concen: 37.45 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	62.6	42.9	64.3
132	34.6	26.3	39.5

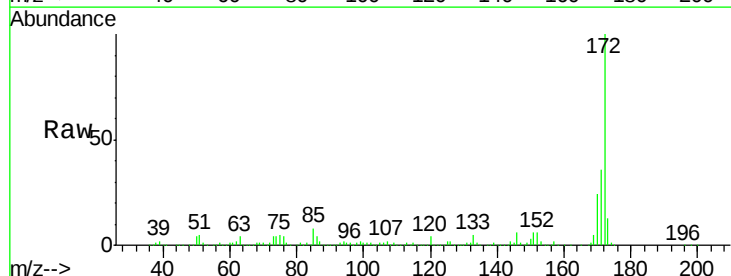


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

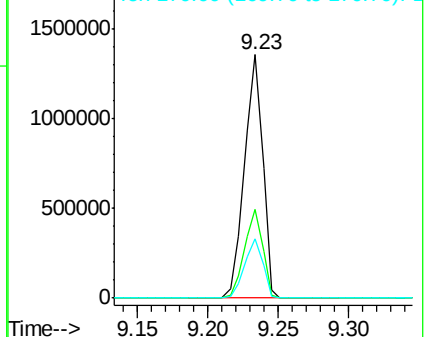
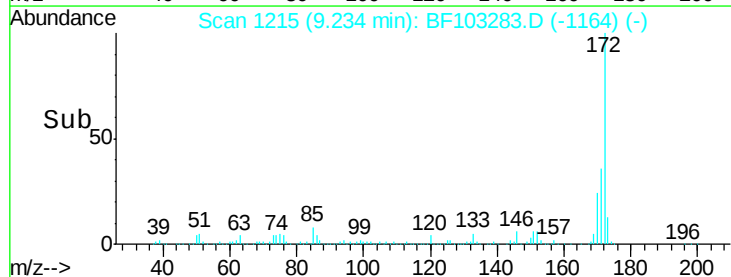


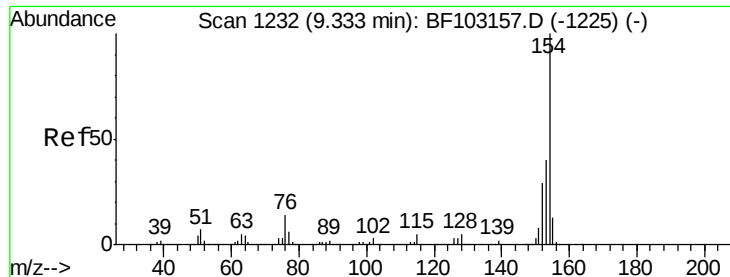
#44
 2-Fluorobiphenyl
 Concen: 83.87 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

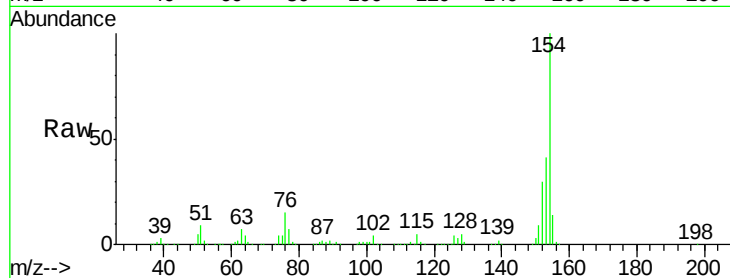




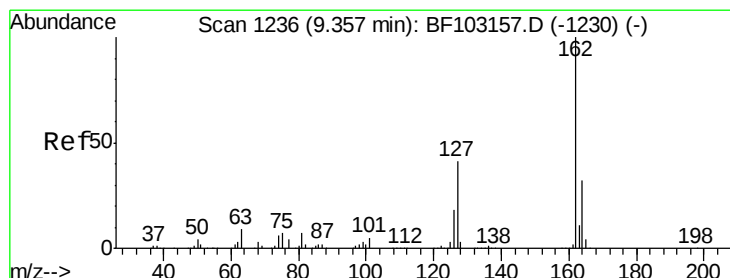
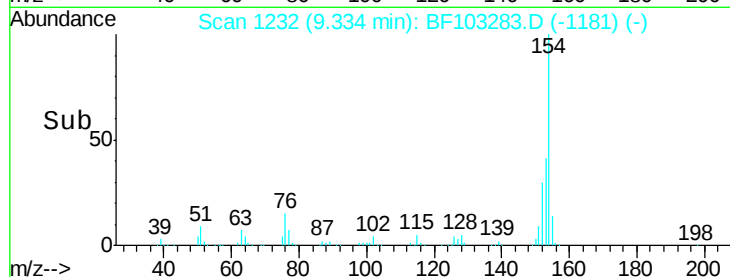
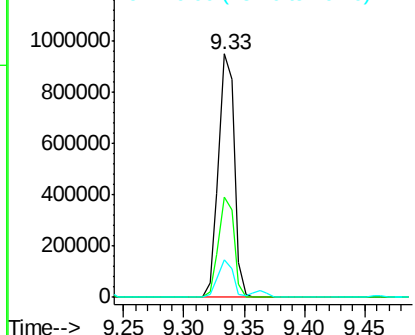
#45
 1,1'-Biphenyl
 Concen: 40.69 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	15.3	0.0	34.0

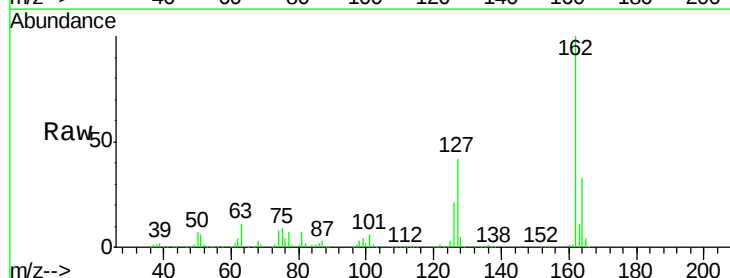


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

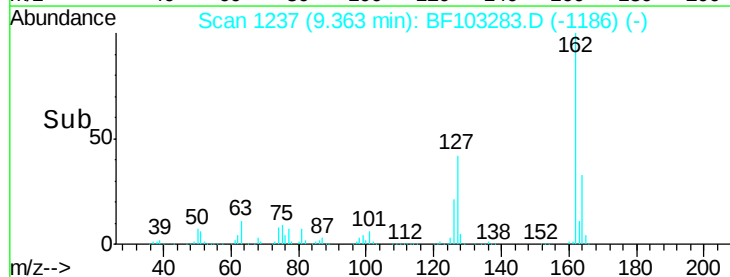
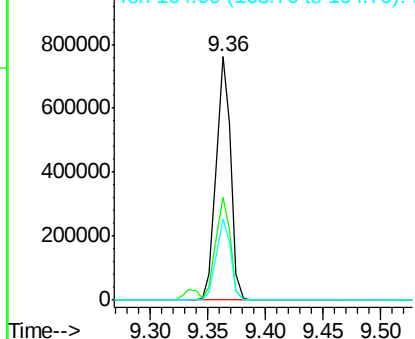


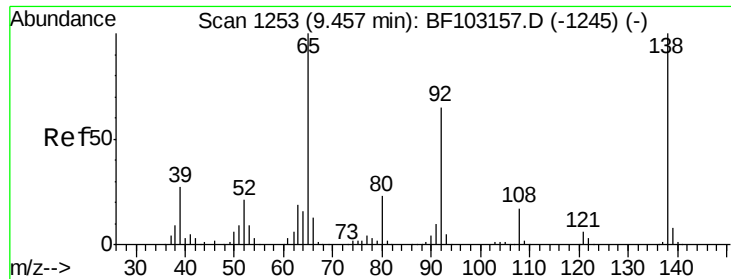
#46
 2-Chloronaphthalene
 Concen: 39.92 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	33.3	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

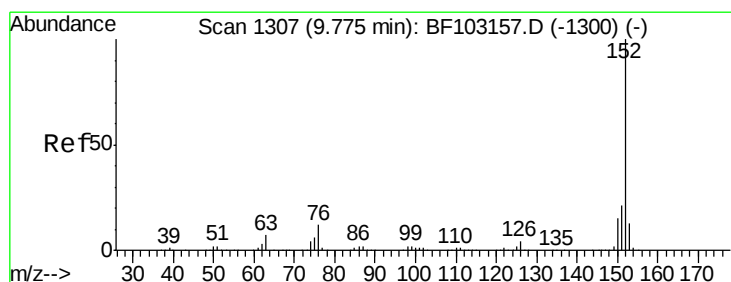
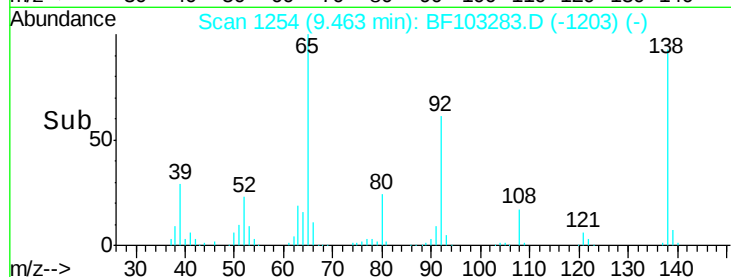
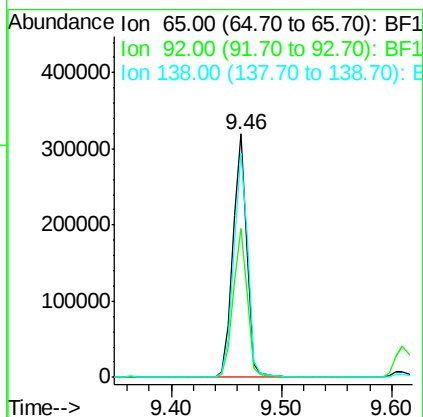
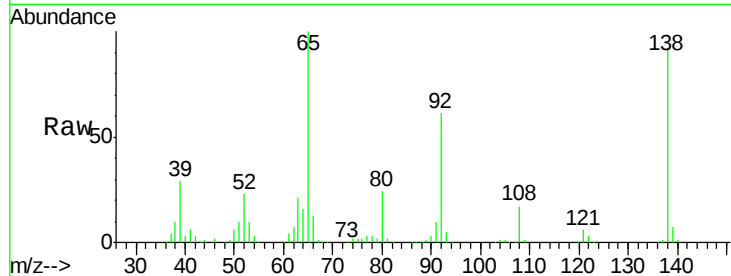




#47
2-Nitroaniline
Concen: 46.27 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

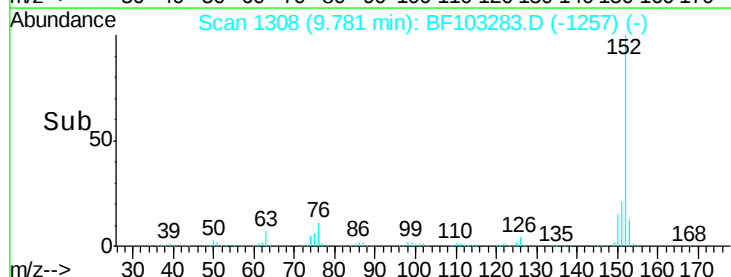
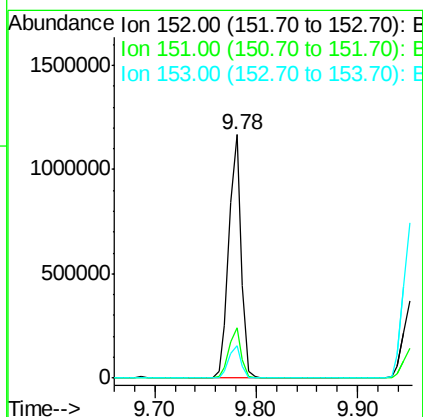
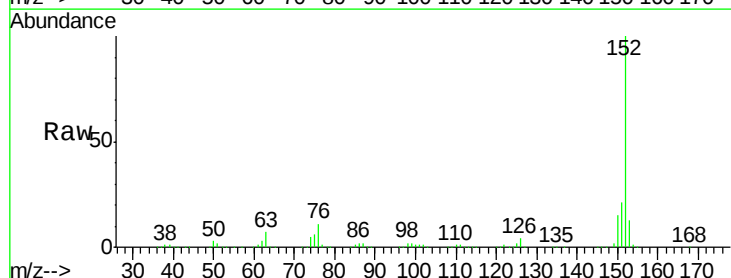
Instrument :
BNA_F
ClientSampleId :

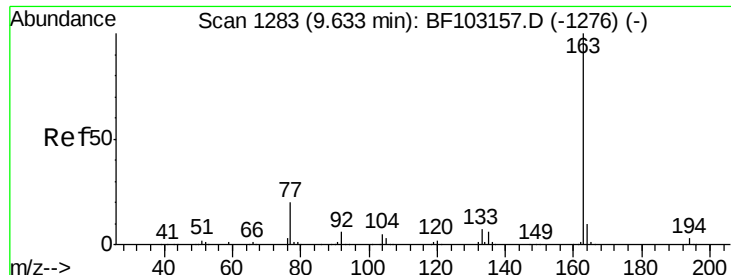
Tot Ion: 65 Resp: 284811
Ion Ratio Lower Upper
65 100
92 60.9 55.8 83.6
138 92.4 91.2 136.8



#48
Acenaphthylene
Concen: 38.65 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion: 152 Resp: 988207
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.2 10.7 16.1

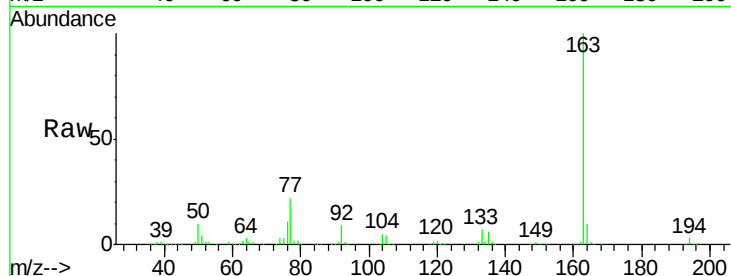




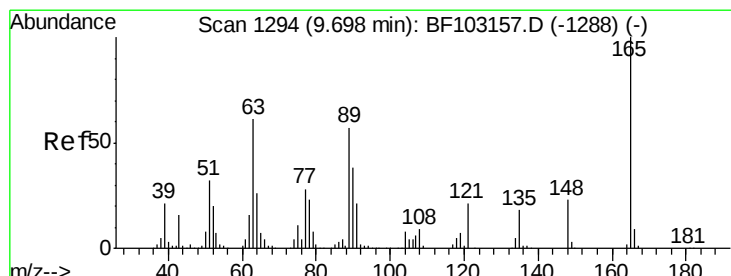
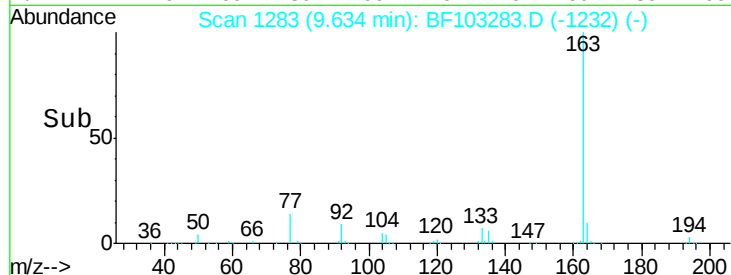
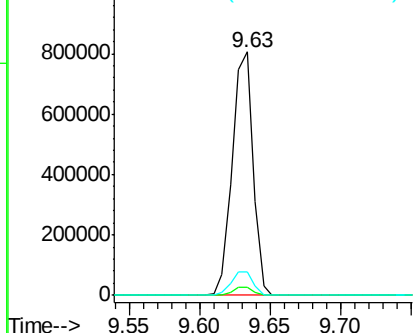
#49
Dimethylphthalate
Concen: 41.12 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 826845
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 8.2 12.2

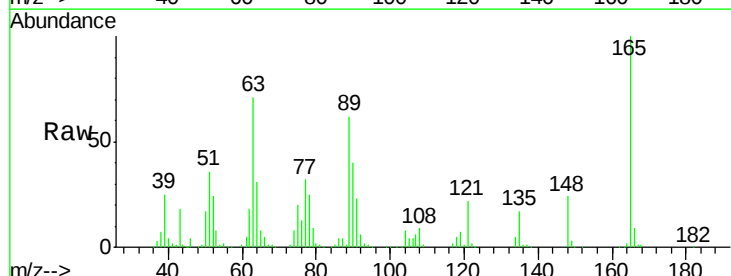


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

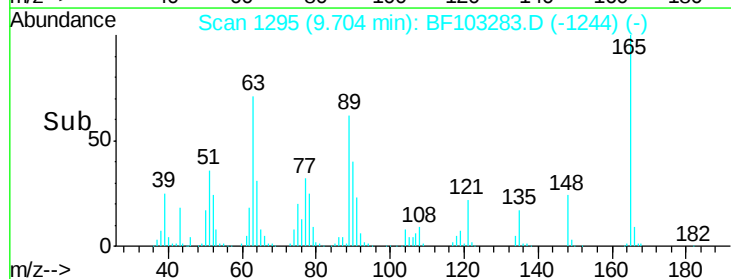
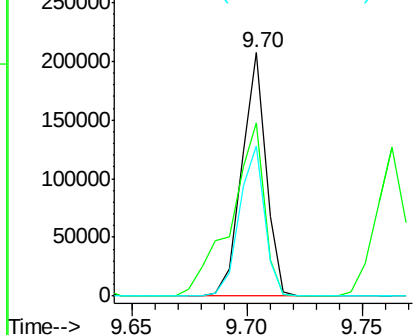


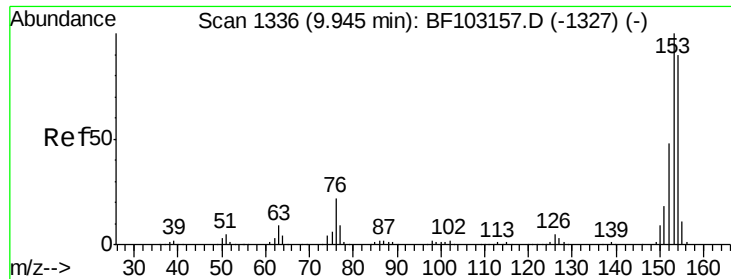
#50
2,6-Dinitrotoluene
Concen: 35.97 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:165 Resp: 151761
Ion Ratio Lower Upper
165 100
63 71.1 44.7 67.1#
89 61.6 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: 38.14 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

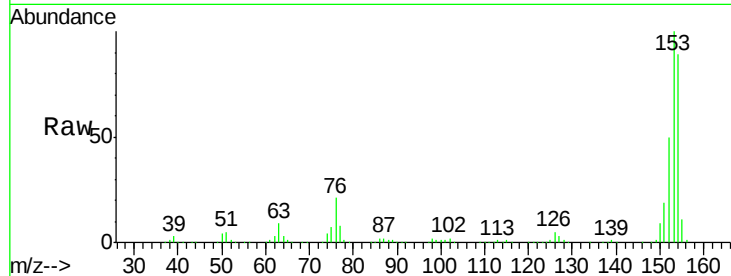
Tot Ion:154 Resp: 568612

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

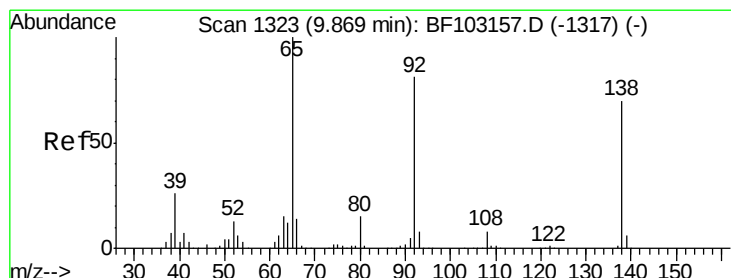
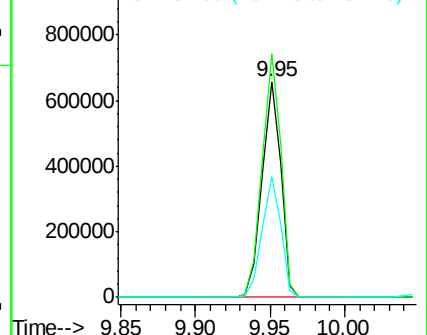
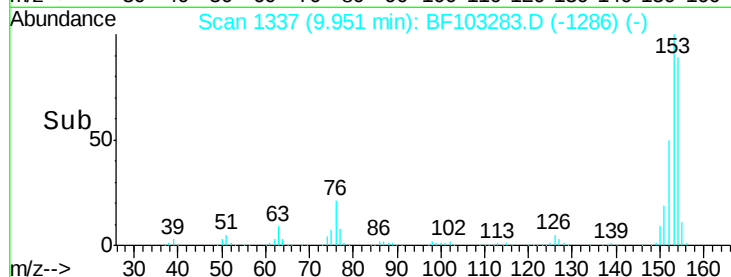
152 56.1 43.8 65.8



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: 42.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

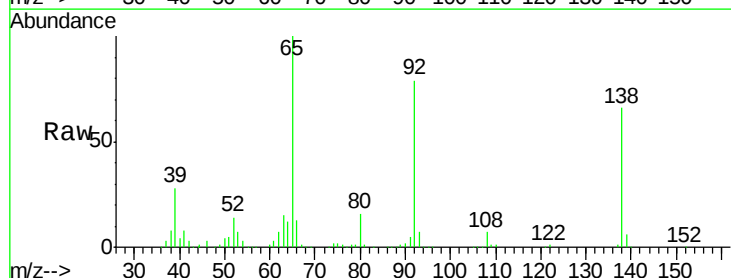
Tgt Ion:138 Resp: 224819

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

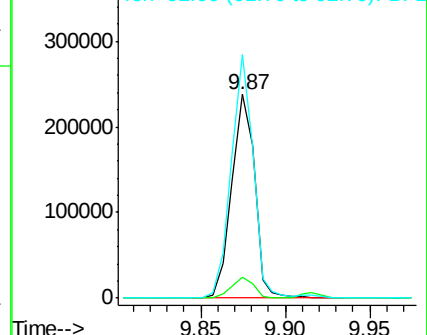
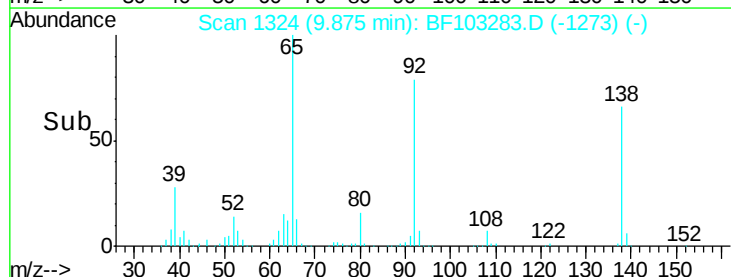
92 119.7 89.4 134.2

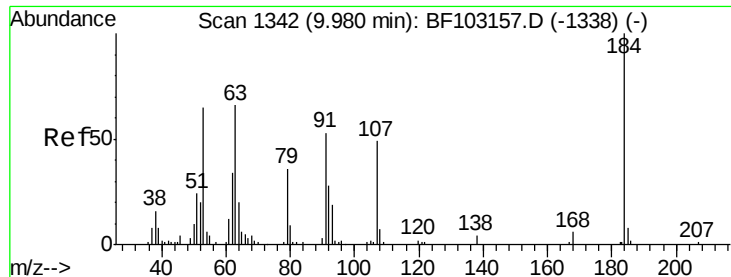


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

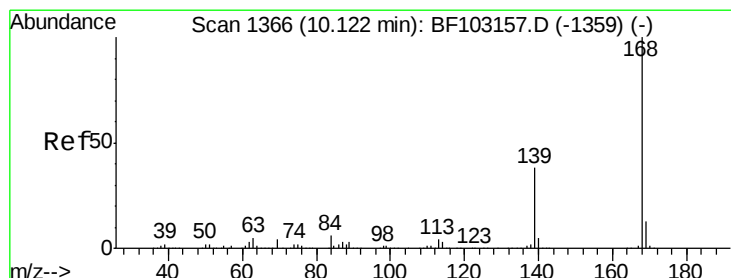
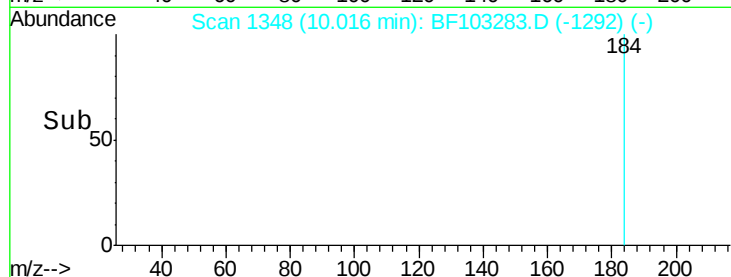
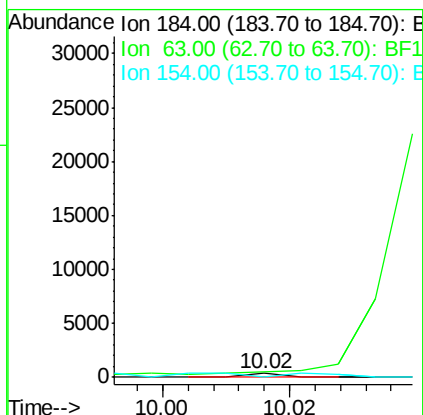
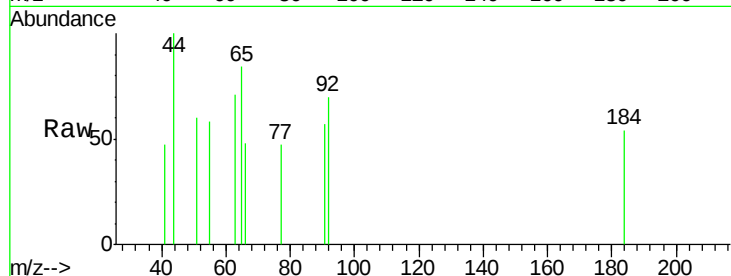




#53
 2,4-Dinitrophenol
 Concen: 9.69 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.03 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

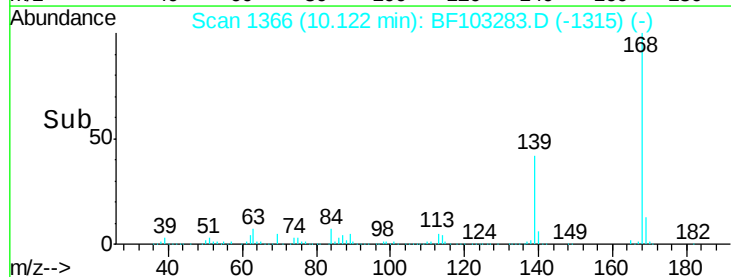
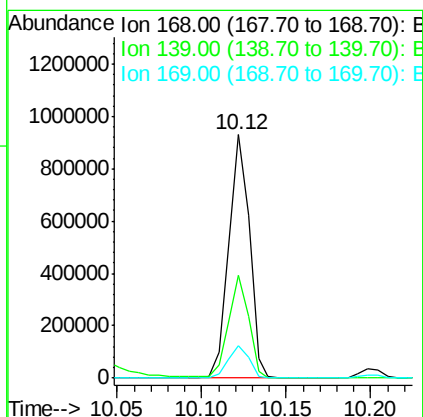
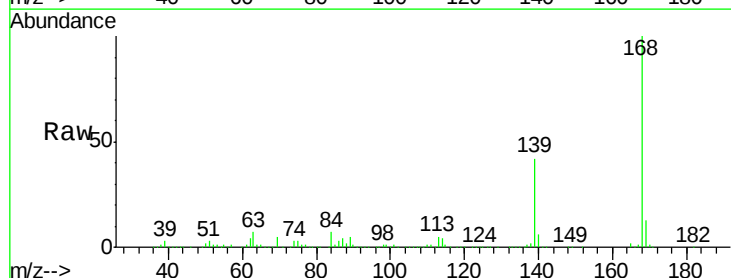
Instrument :
 BNA_F
 ClientSampleId :

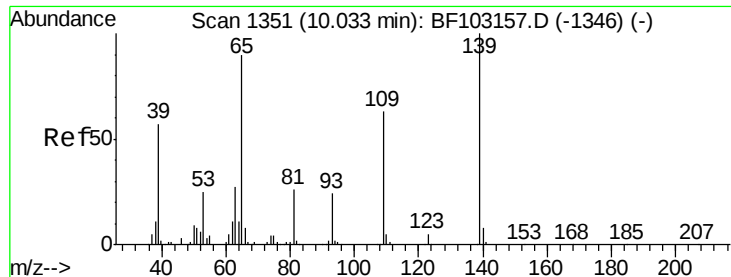
Tot Ion:184 Resp: 125
 Ion Ratio Lower Upper
 184 100
 63 130.5 54.2 81.2#
 154 0.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.53 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:168 Resp: 788562
 Ion Ratio Lower Upper
 168 100
 139 42.3 30.1 45.1
 169 13.5 10.9 16.3

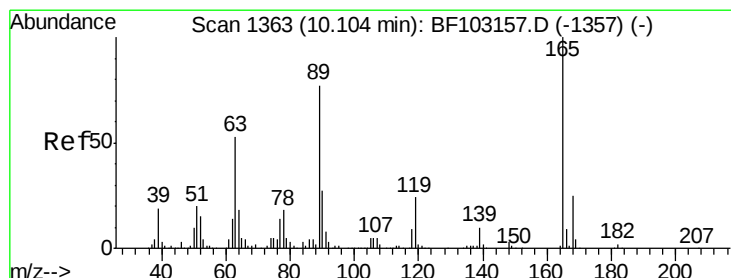
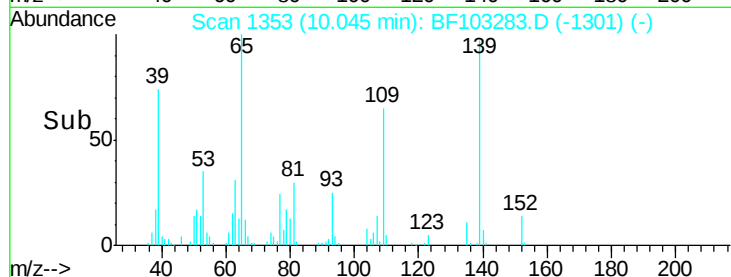
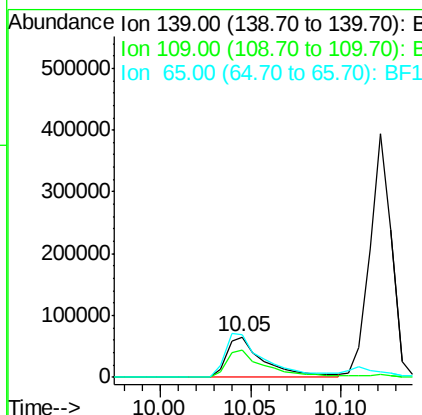
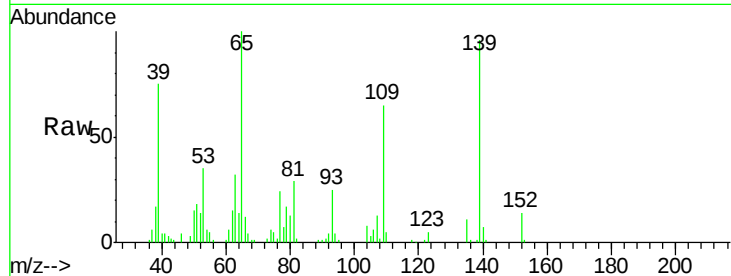




#55
4-Nitrophenol
Concen: 28.26 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

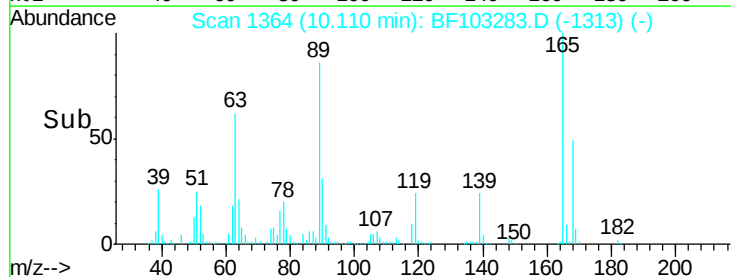
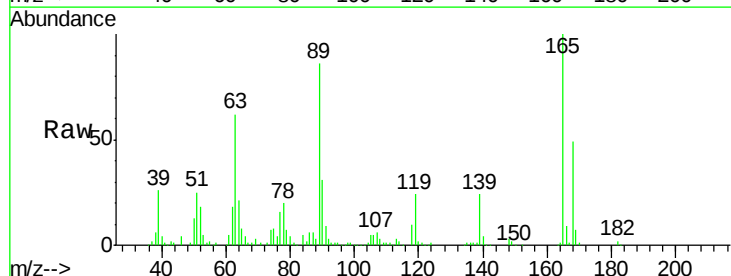
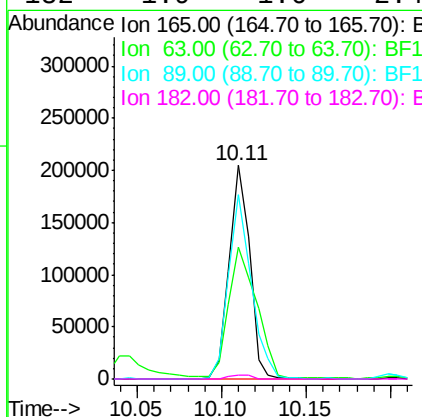
Instrument :
BNA_F
ClientSampleId :

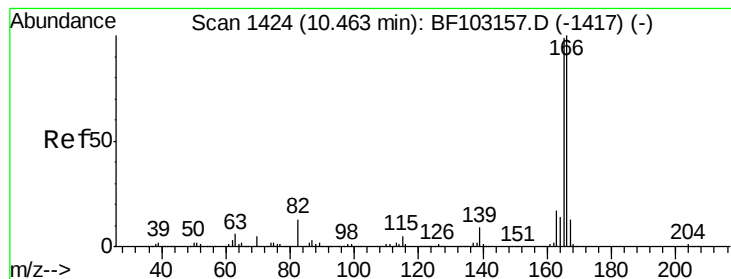
Tot Ion	Ratio	Lower	Upper
139	100		
109	67.6	48.4	88.4
65	104.1	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 32.50 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	36.4	54.6#
89	86.4	57.8	86.6
182	1.9	1.6	2.4





#57

Fluorene

Concen: 34.53 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

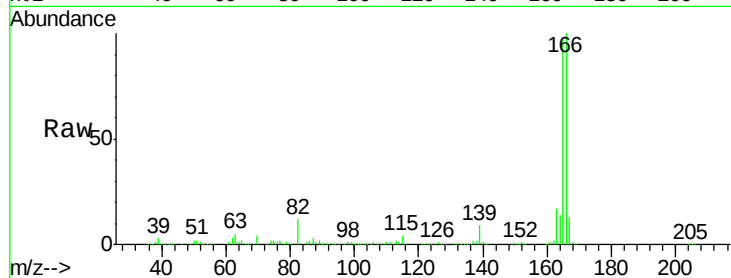
Tot Ion:166 Resp: 601904

Ion Ratio Lower Upper

166 100

165 97.4 79.8 119.8

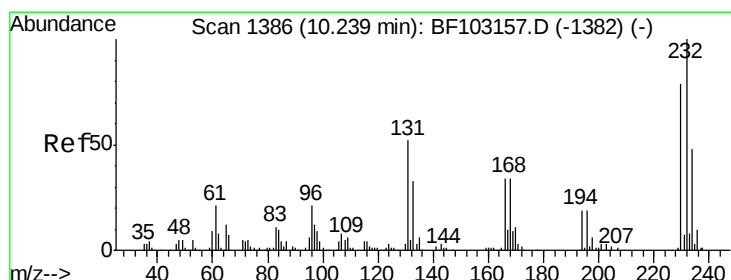
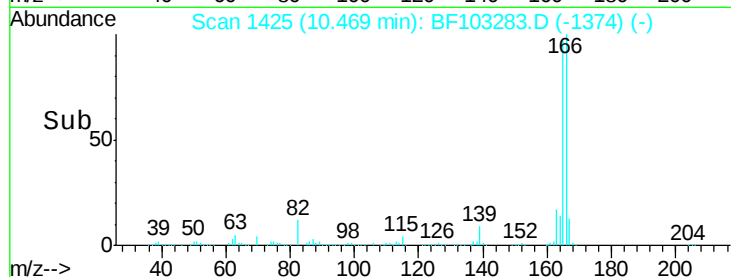
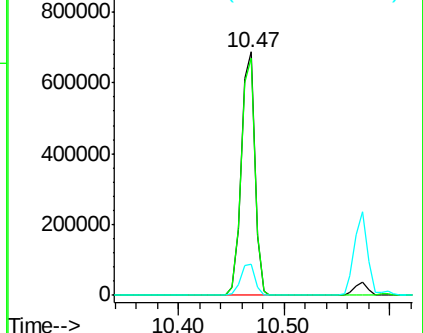
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.54 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Tgt Ion:232 Resp: 112367

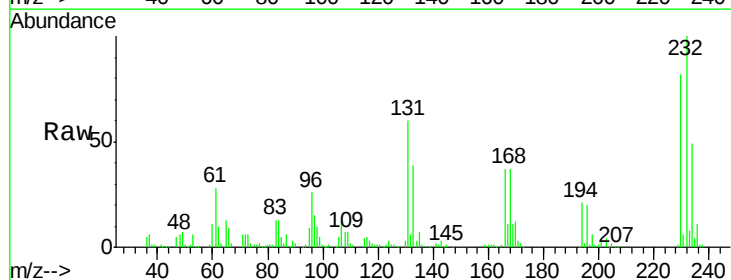
Ion Ratio Lower Upper

232 100

131 62.4 43.8 65.8

130 3.1 2.1 3.1

166 37.0 27.8 41.6

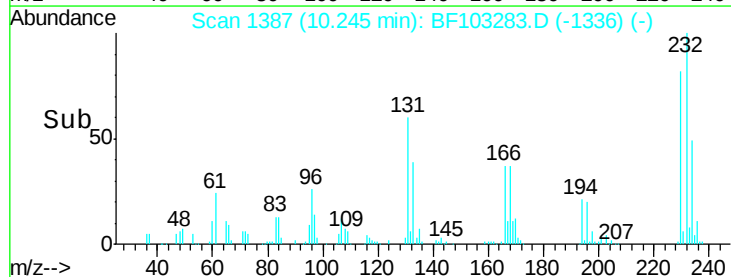
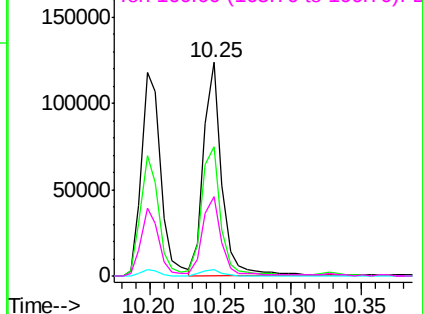


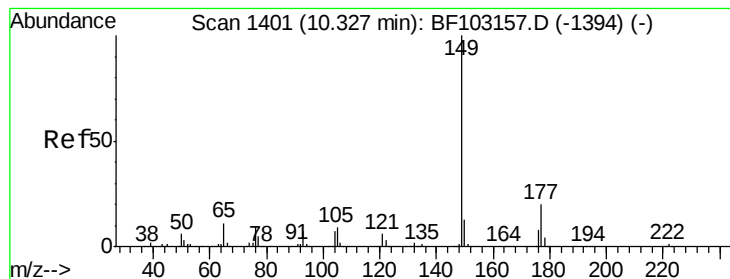
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.92 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

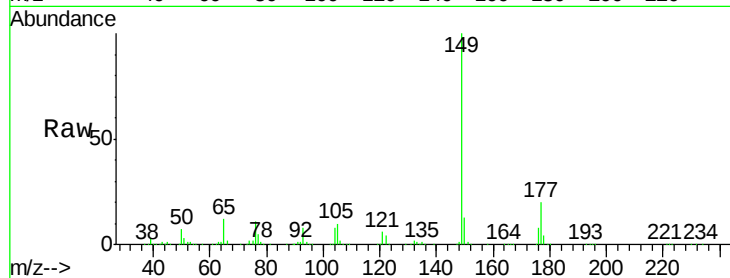
Tot Ion:149 Resp: 767676

Ion Ratio Lower Upper

149 100

177 20.1 16.1 24.1

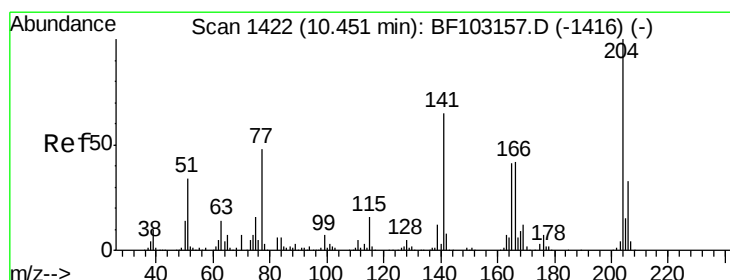
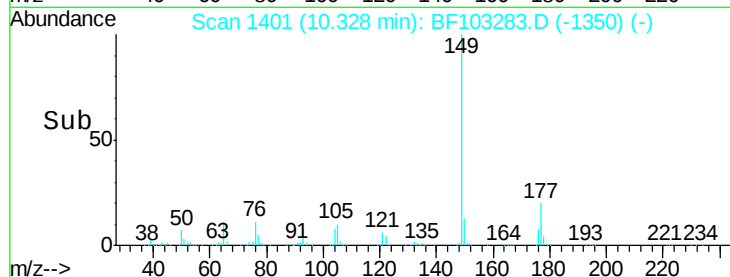
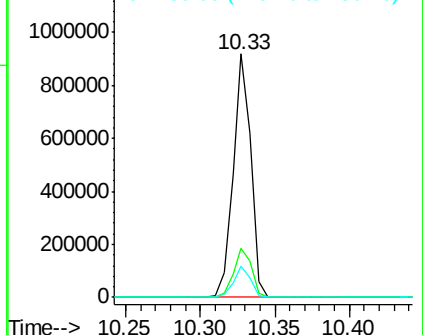
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.97 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

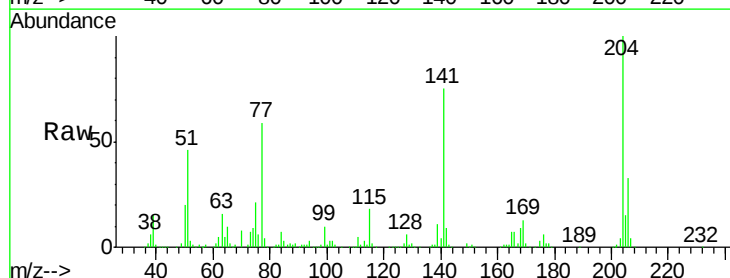
Tgt Ion:204 Resp: 280732

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

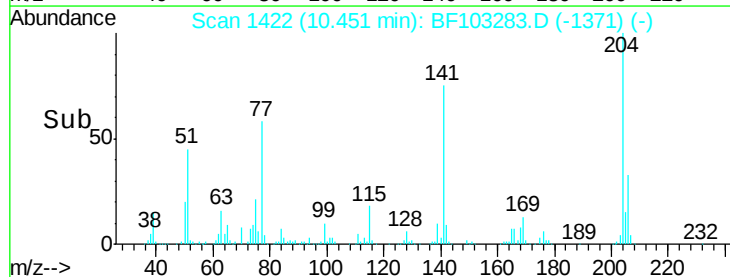
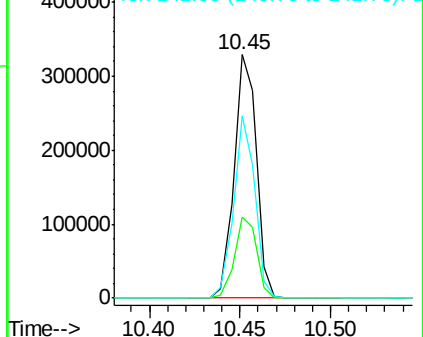
141 74.7 54.6 81.8

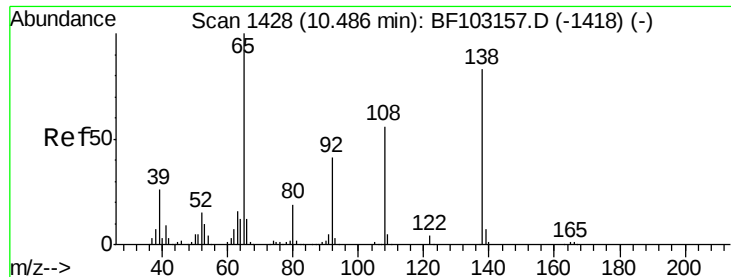


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

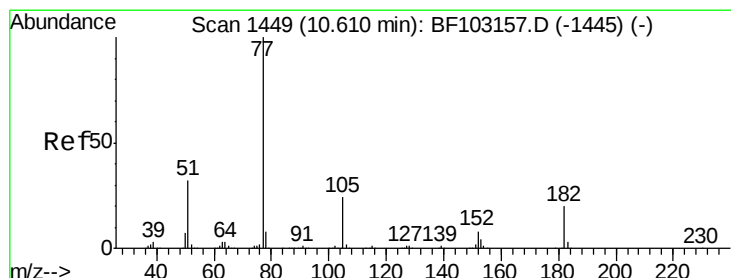
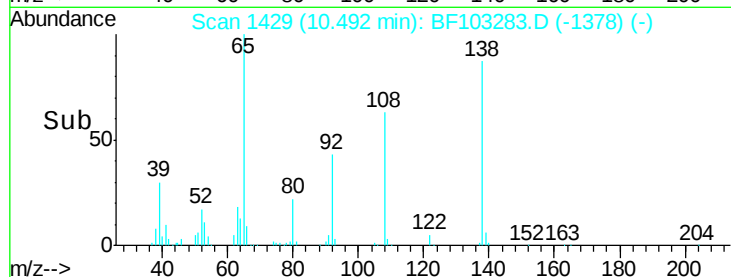
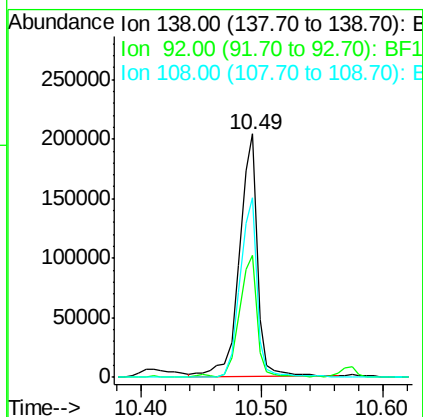
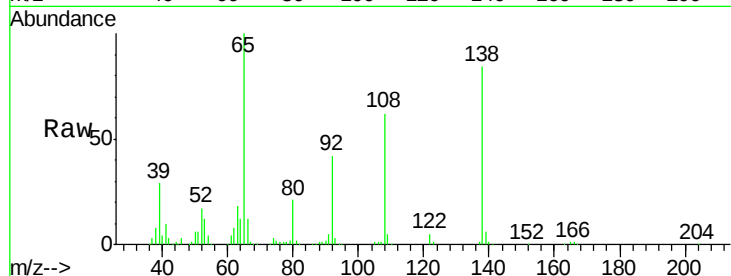




#61
4-Nitroaniline
Concen: 39.70 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

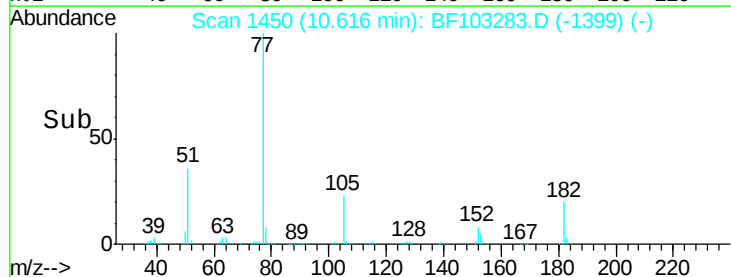
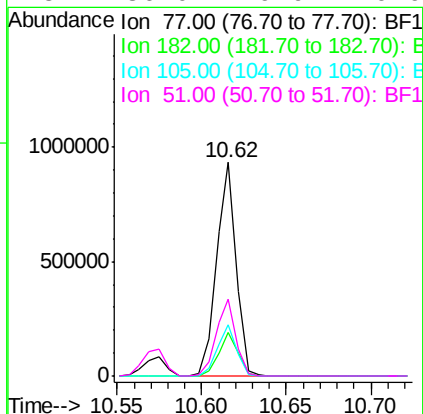
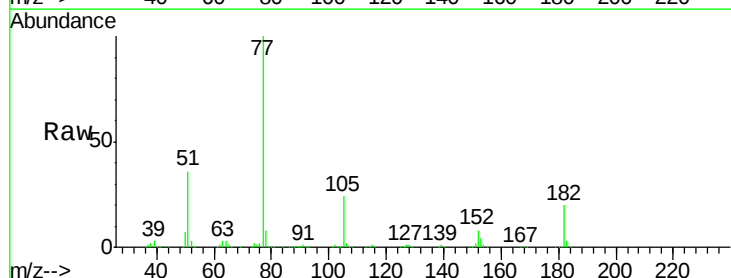
Instrument :
BNA_F
ClientSampleId :

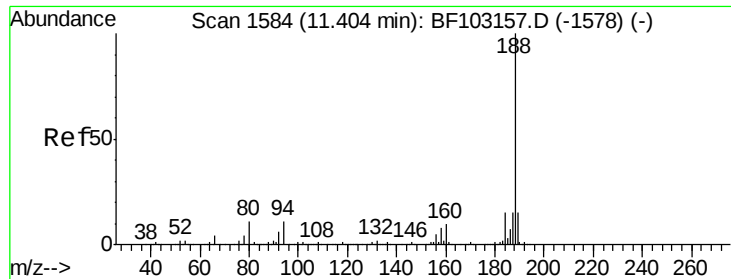
Tot Ion:138 Resp: 212253
Ion Ratio Lower Upper
138 100
92 50.0 30.2 70.2
108 73.9 52.5 92.5



#62
Azobenzene
Concen: 38.59 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion: 77 Resp: 755313
Ion Ratio Lower Upper
77 100
182 20.2 1.7 41.7
105 23.7 3.0 43.0
51 36.0 9.9 49.9

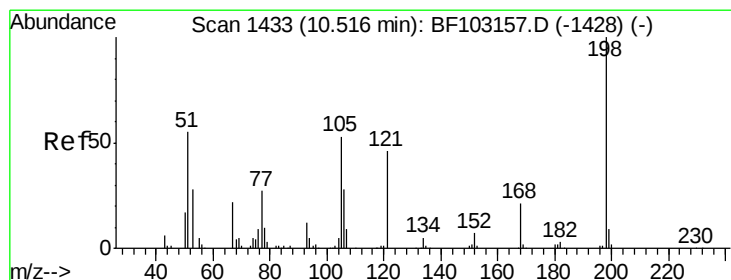
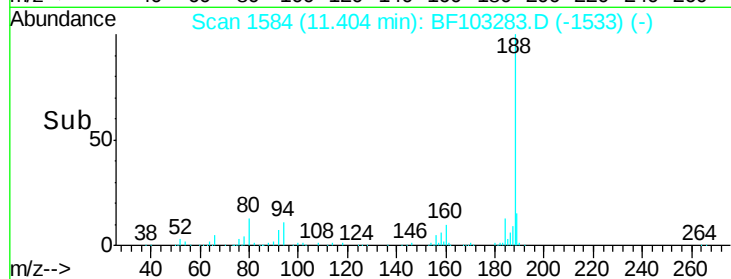
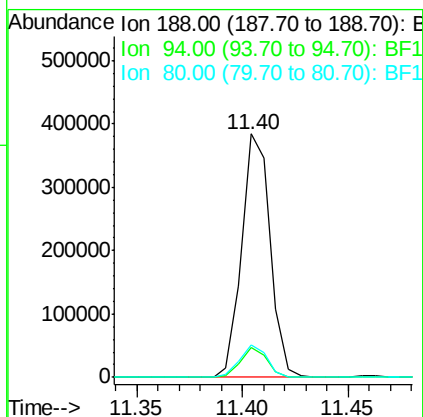
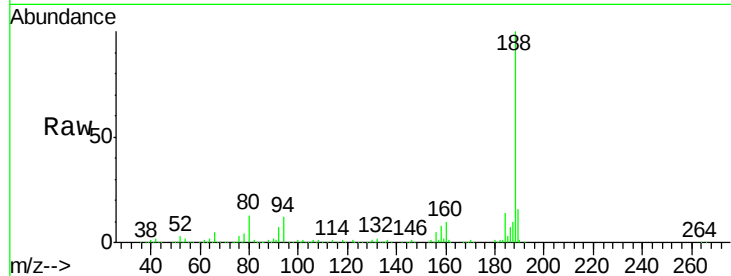




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

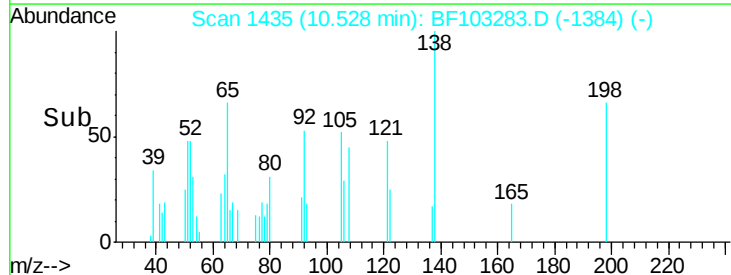
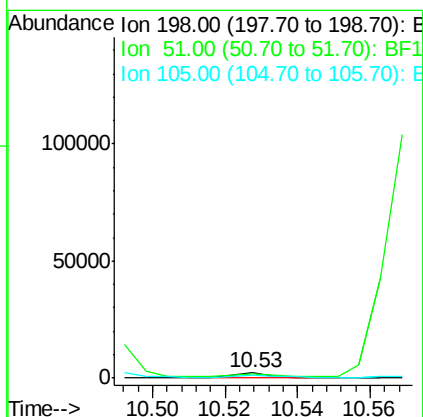
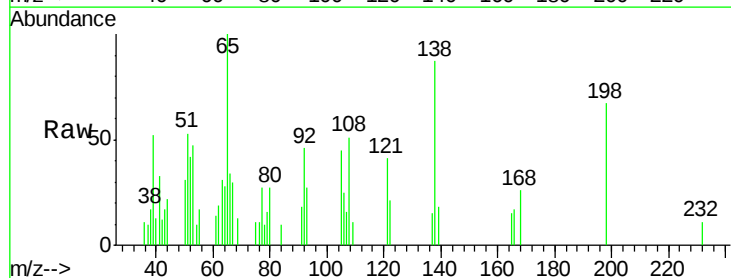
Instrument :
BNA_F
ClientSampleId :

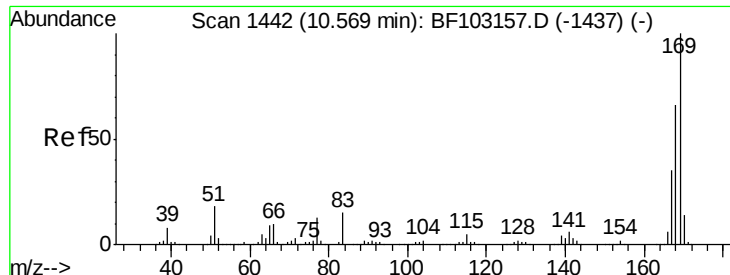
Tot Ion:188 Resp: 359221
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 13.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.61 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:198 Resp: 1610
Ion Ratio Lower Upper
198 100
51 79.6 37.7 77.7#
105 68.0 36.3 76.3

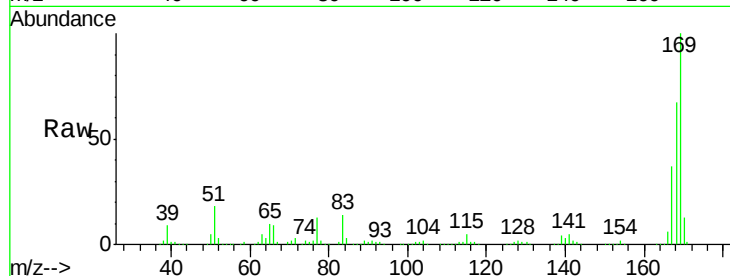




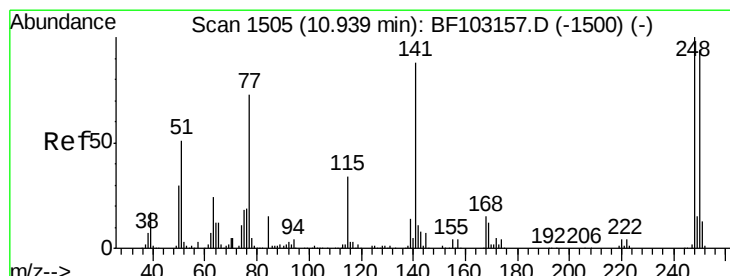
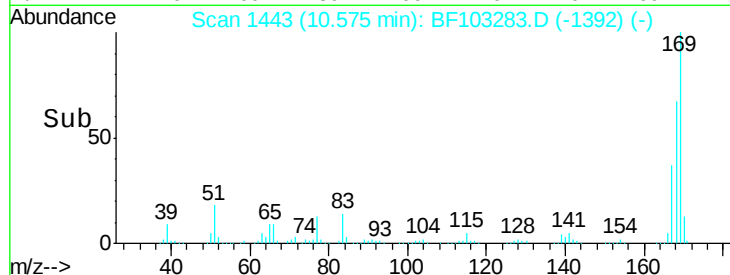
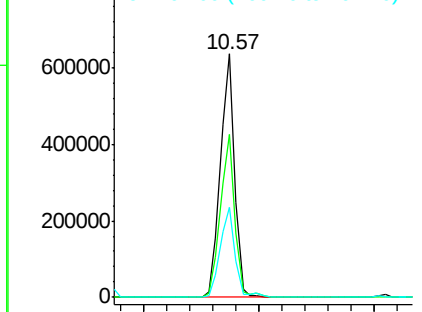
#65
n-Nitrosodiphenylamine
Concen: 43.57 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 544899
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 37.2 29.8 44.6

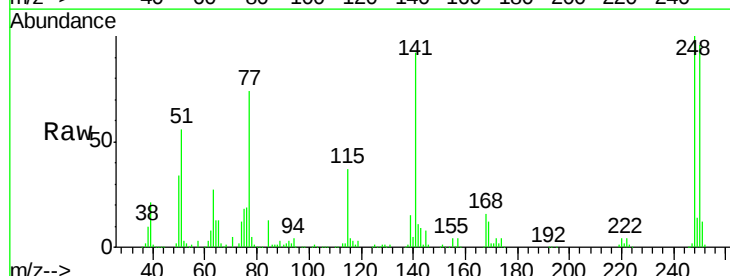


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

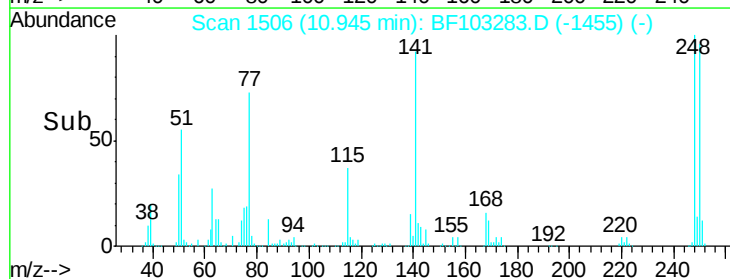
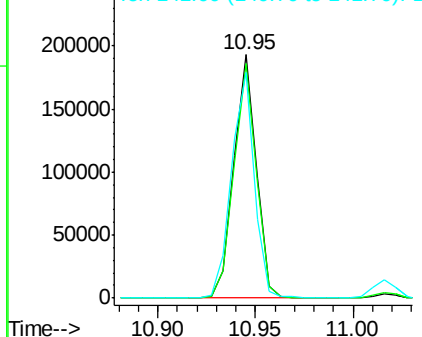


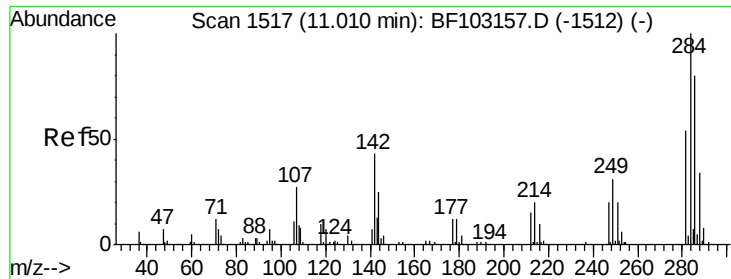
#66
4-Bromophenyl-phenylether
Concen: 41.10 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:248 Resp: 153790
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 92.5 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

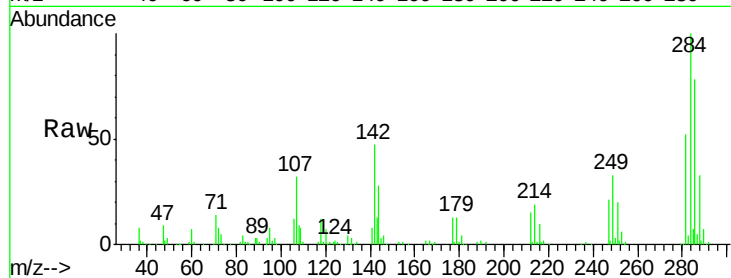




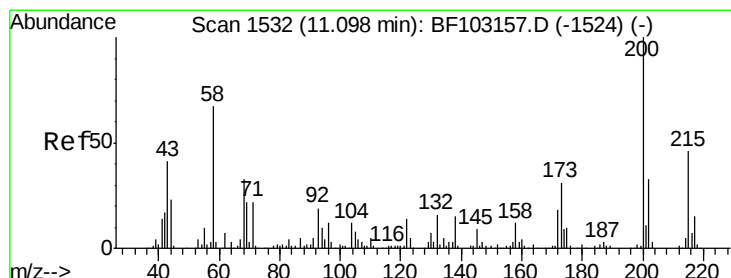
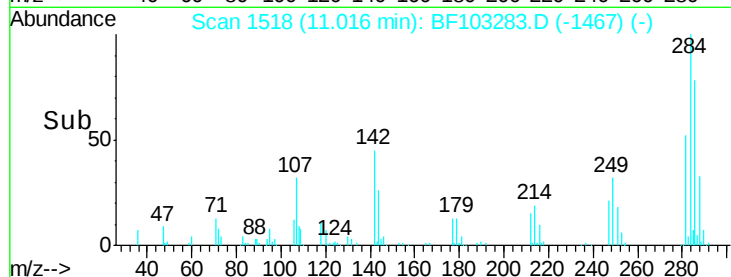
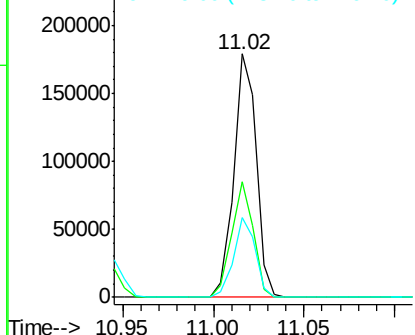
#67
Hexachlorobenzene
Concen: 38.05 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 154550
Ion Ratio Lower Upper
284 100
142 47.5 34.6 52.0
249 32.6 24.8 37.2

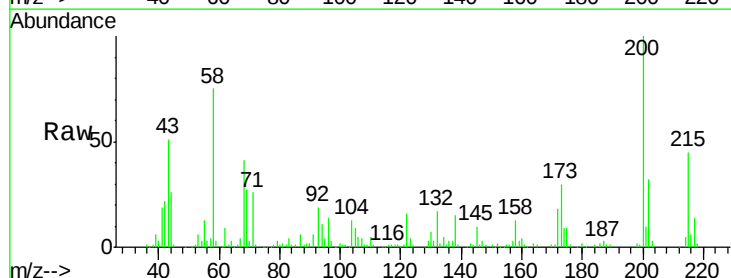


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

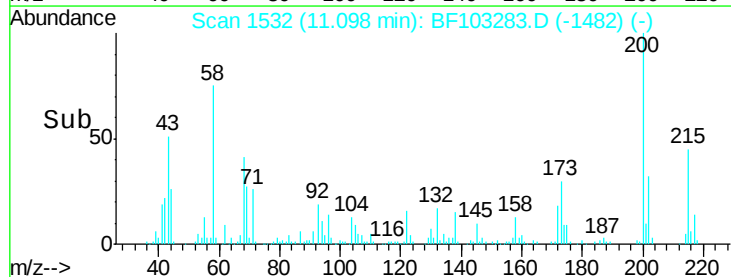
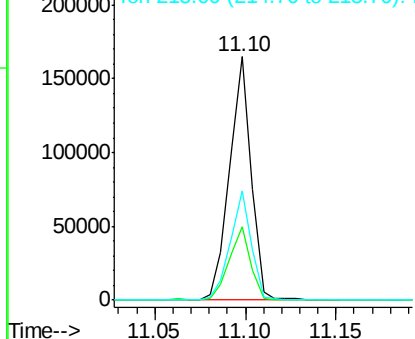


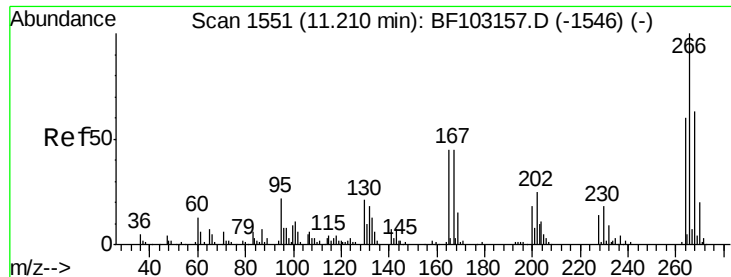
#68
Atrazine
Concen: 36.71 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:200 Resp: 138002
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 44.8 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

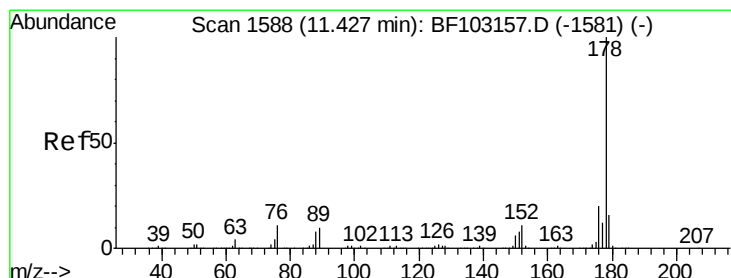
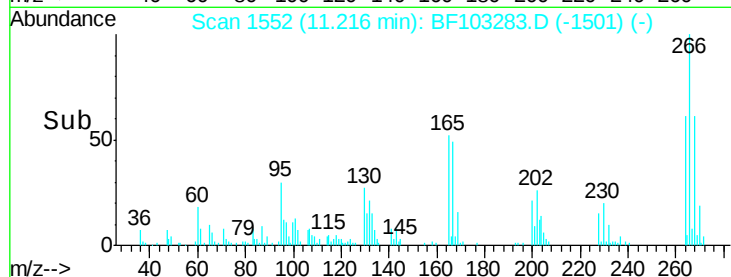
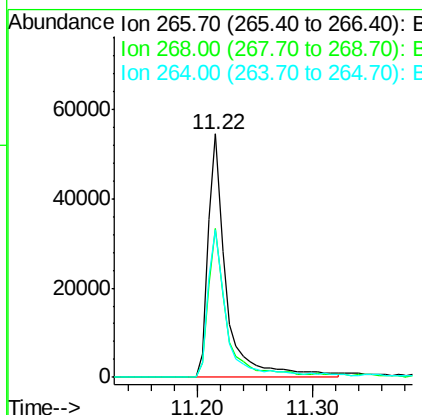
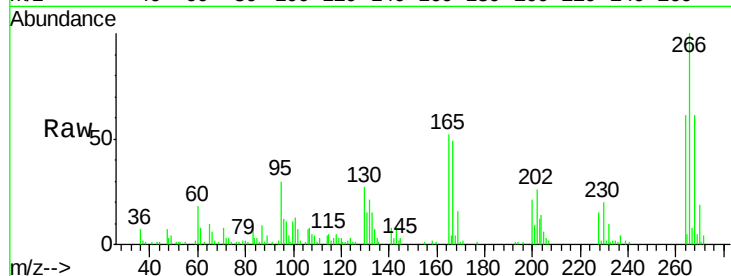




#69
 Pentachlorophenol
 Concen: 30.59 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

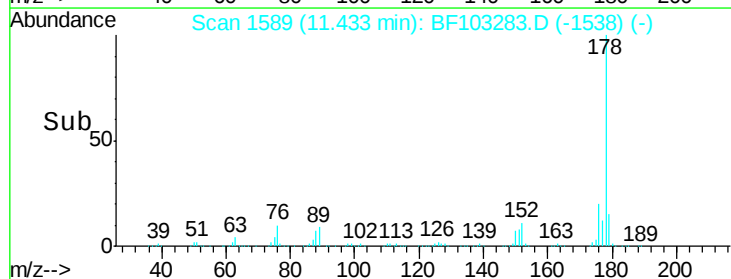
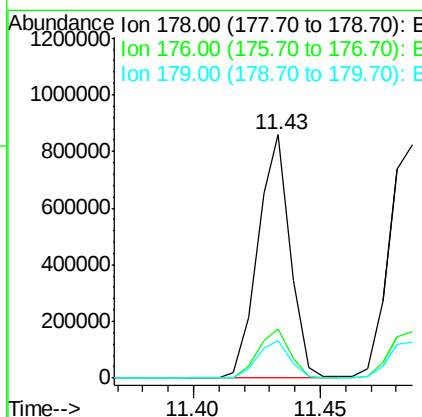
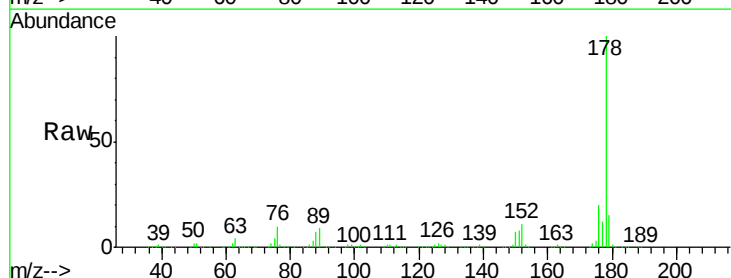
Instrument :
 BNA_F
 ClientSampleId :

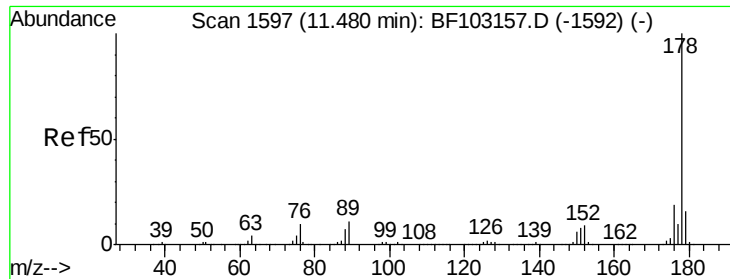
Tot Ion:266 Resp: 60083
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 60.5 49.5 74.3



#70
 Phenanthrene
 Concen: 38.11 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:178 Resp: 753450
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.4 13.0 19.6

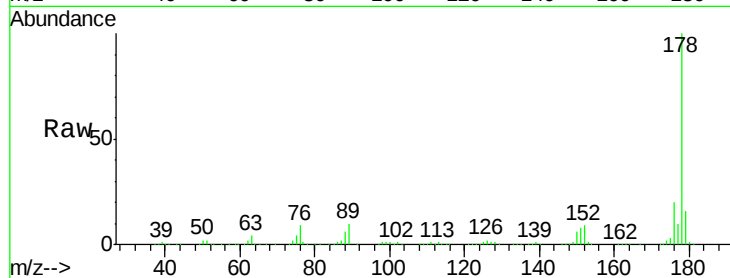




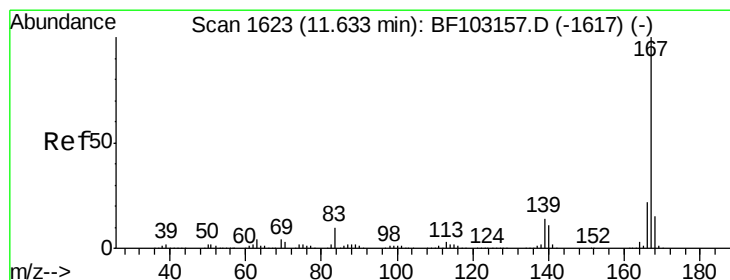
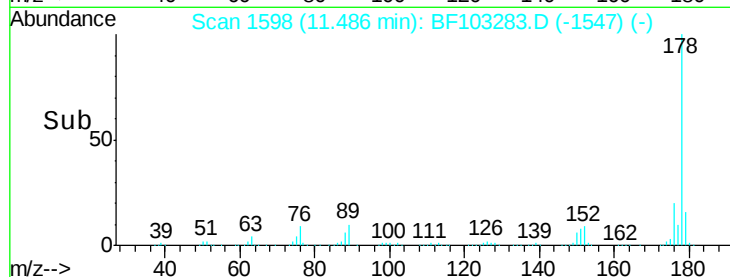
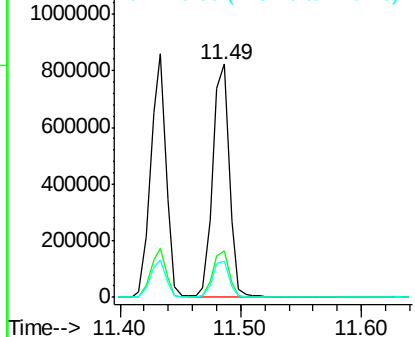
#71
 Anthracene
 Concen: 38.17 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 773852
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.7 12.6 19.0

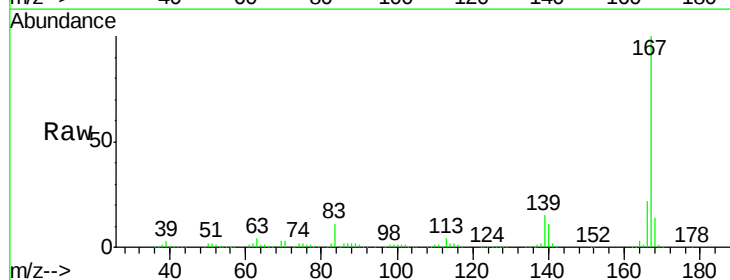


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

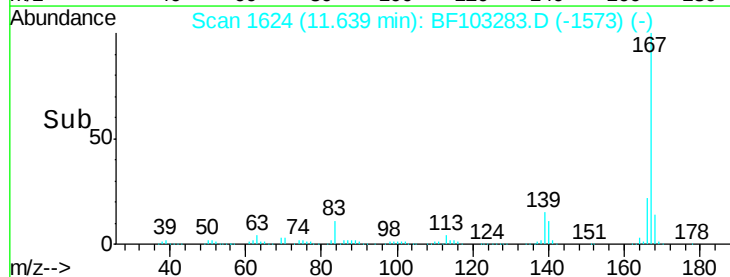
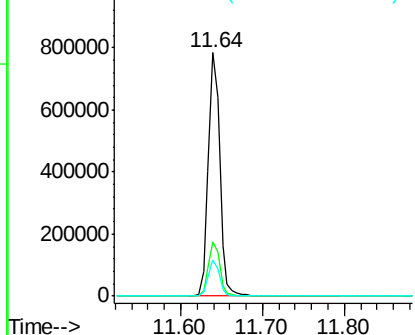


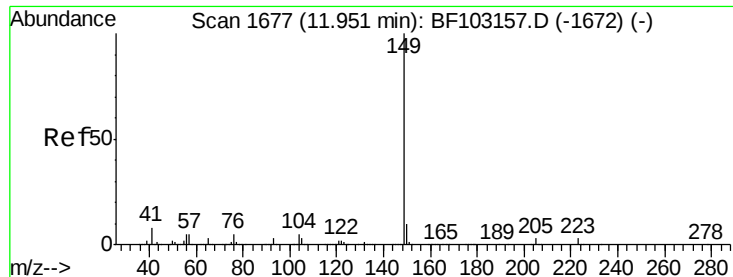
#72
 Carbazole
 Concen: 38.01 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:167 Resp: 767248
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.8 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





#73

Di-n-butylphthalate

Concen: 42.11 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

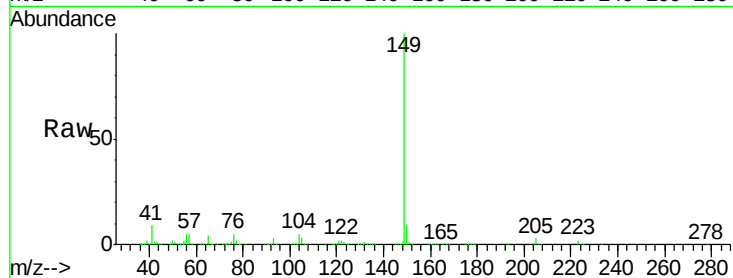
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1063660

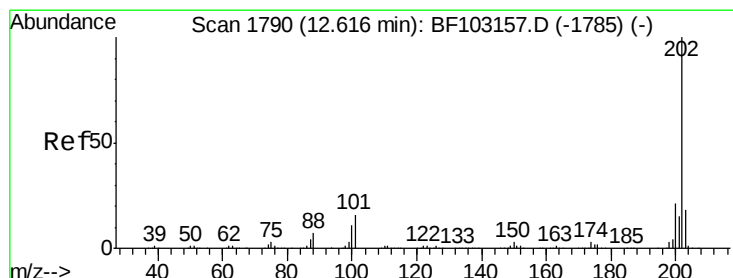
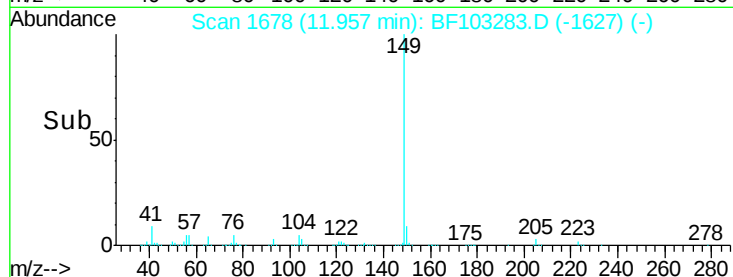
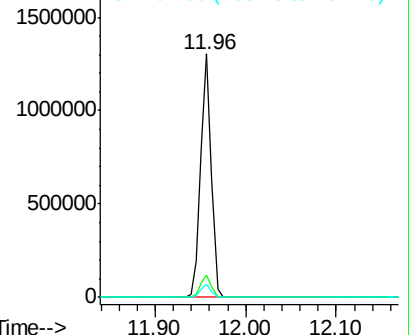
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.2	3.8	5.8



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



#74

Fluoranthene

Concen: 36.30 ng

RT: 12.63 min Scan# 1792

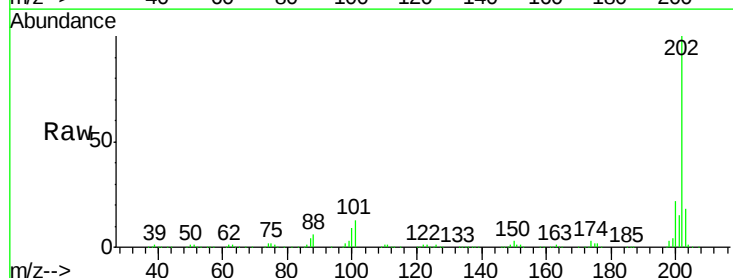
Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Tgt Ion:202 Resp: 721131

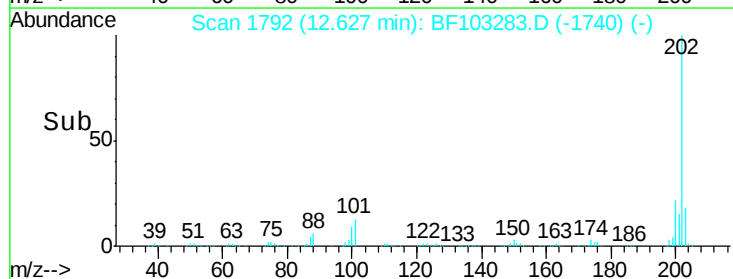
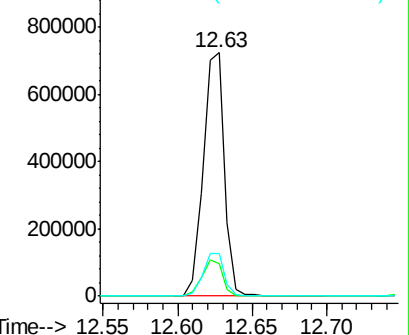
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.7	0.0	38.1

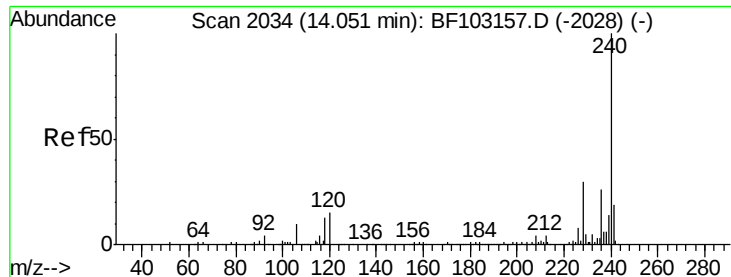


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

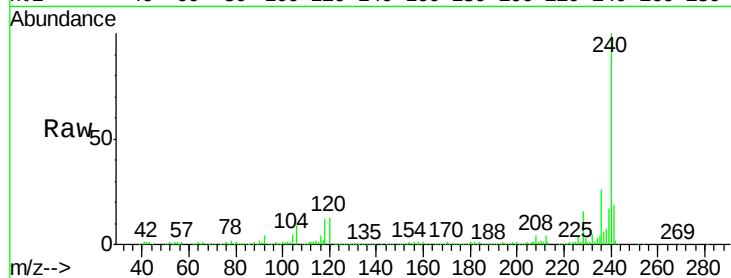
Tot Ion:240 Resp: 253166

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

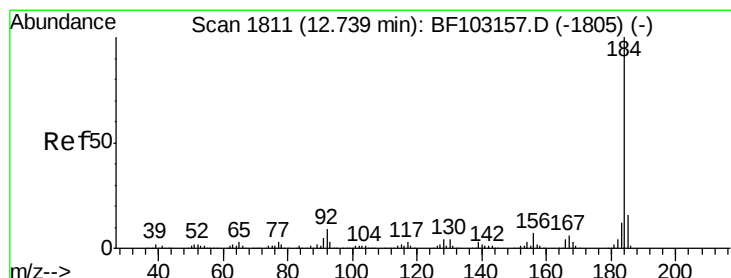
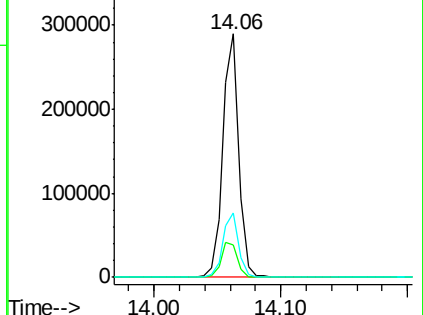
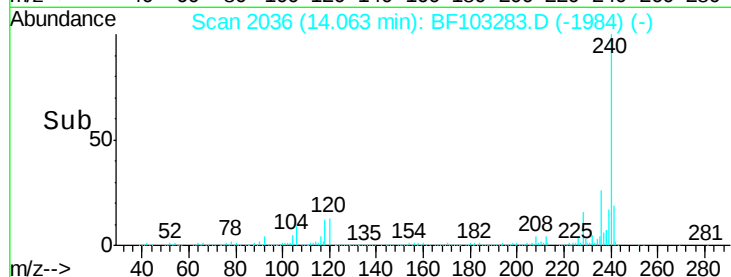
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.56 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

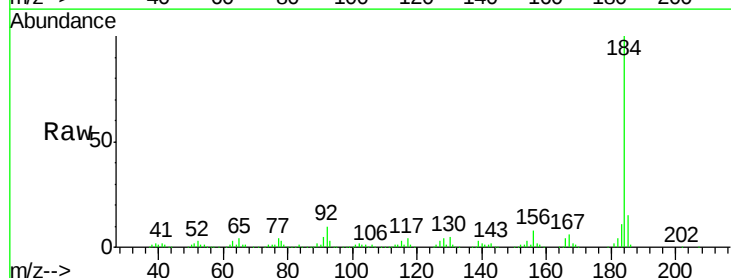
Tgt Ion:184 Resp: 412260

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

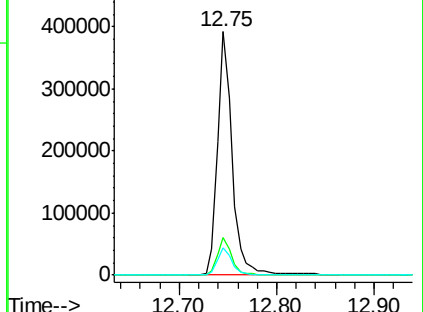
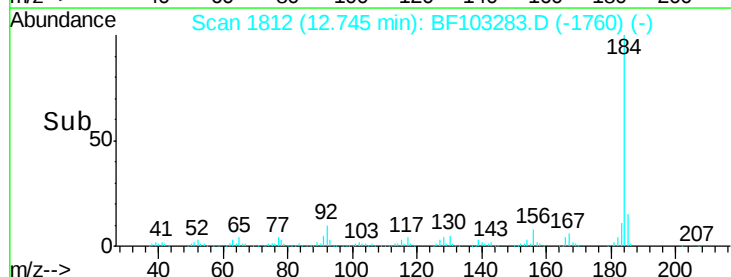
183 11.1 9.3 13.9

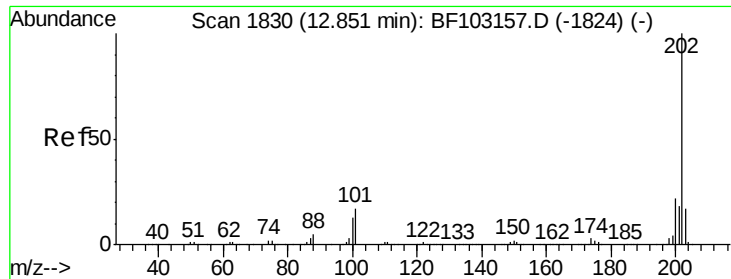


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

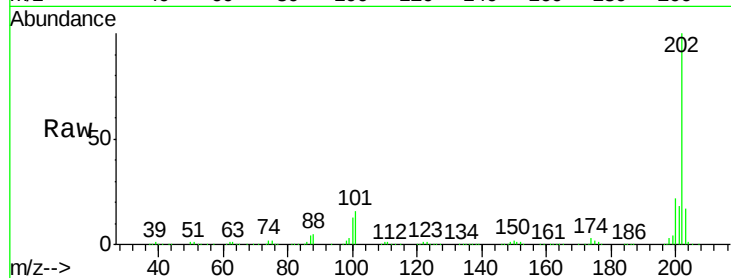




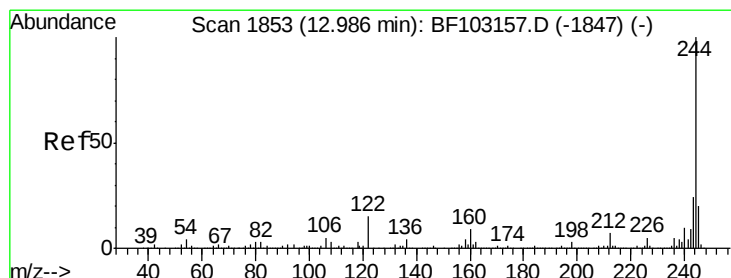
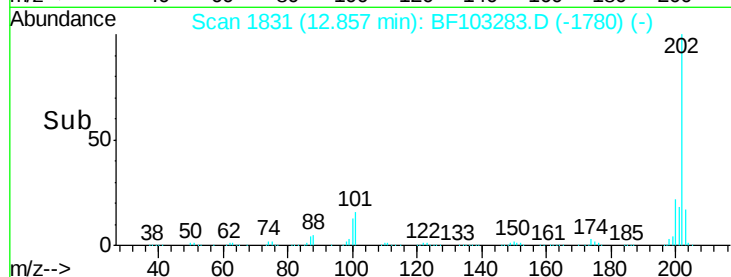
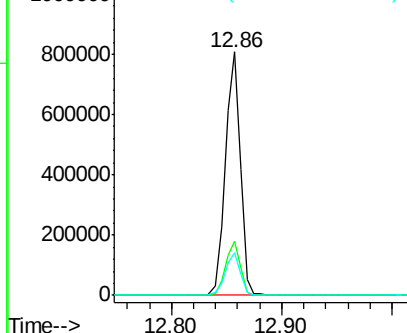
#77
Pvrene
Concen: 38.77 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 765268
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 17.4 14.3 21.5

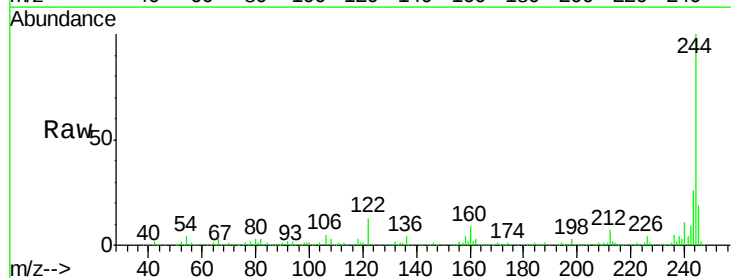


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

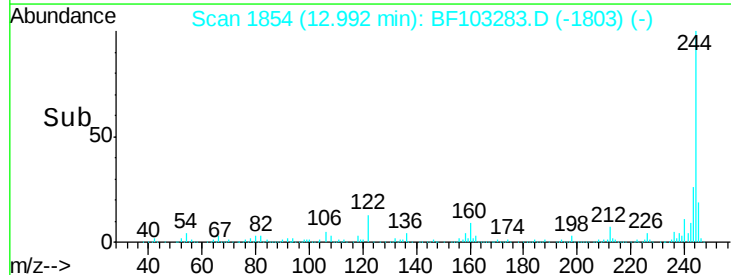
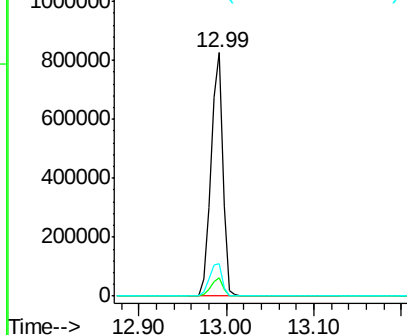


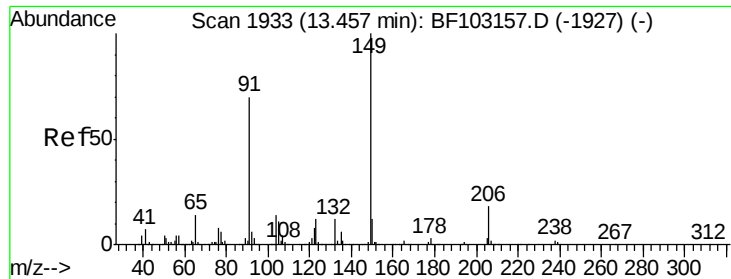
#78
Terphenyl-d14
Concen: 74.18 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:244 Resp: 781235
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.2 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

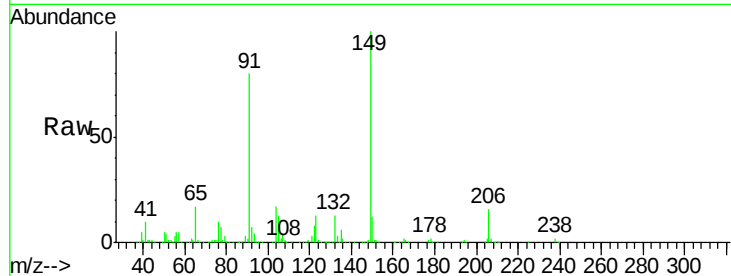




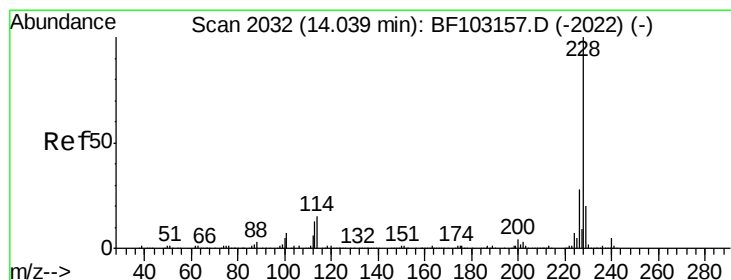
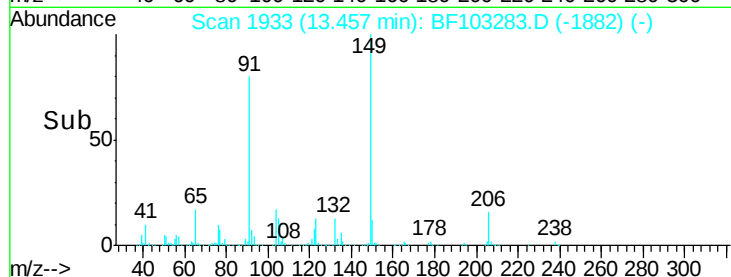
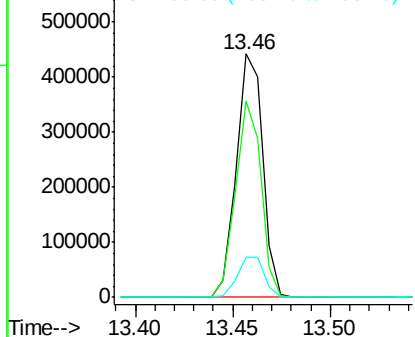
#79
Butylbenzylphthalate
Concen: 39.92 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 416298
Ion Ratio Lower Upper
149 100
91 80.4 56.8 85.2
206 16.5 14.1 21.1

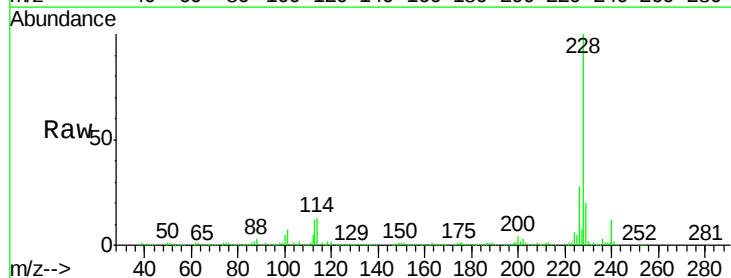


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

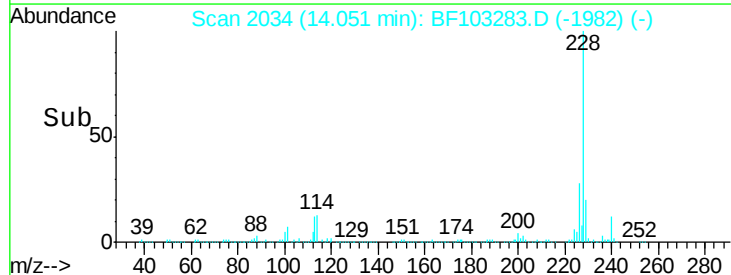
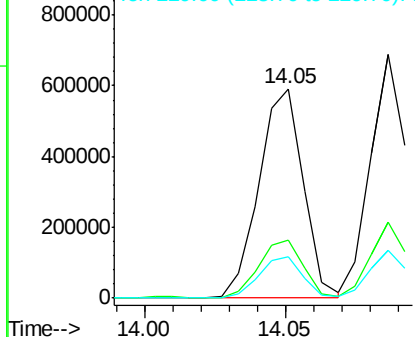


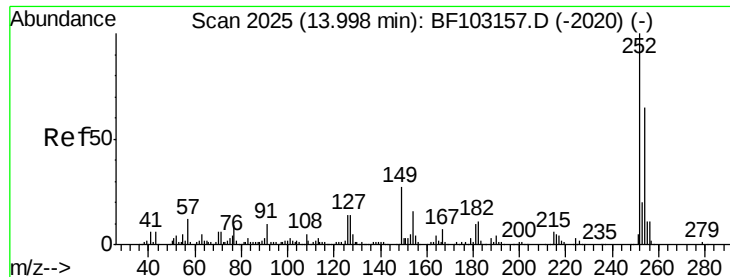
#80
Benzo(a)anthracene
Concen: 39.09 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:228 Resp: 642150
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 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

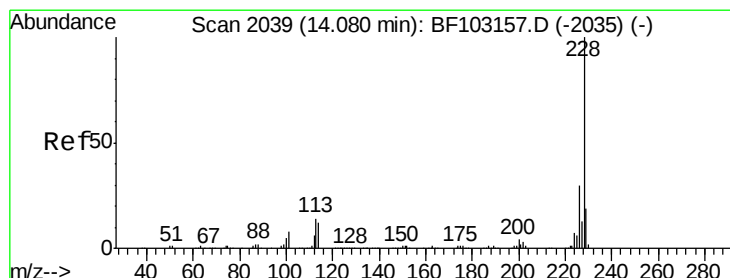
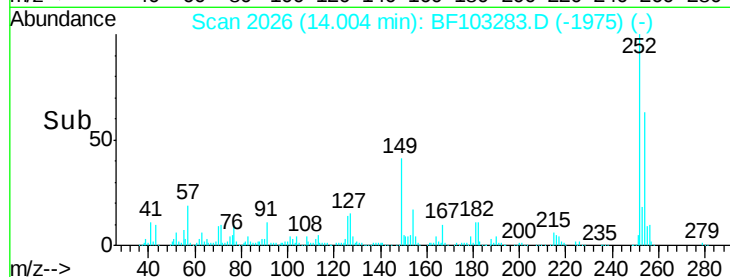
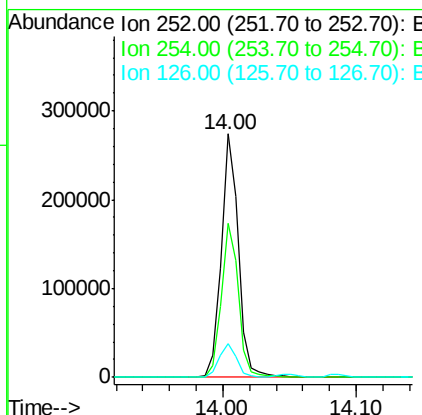
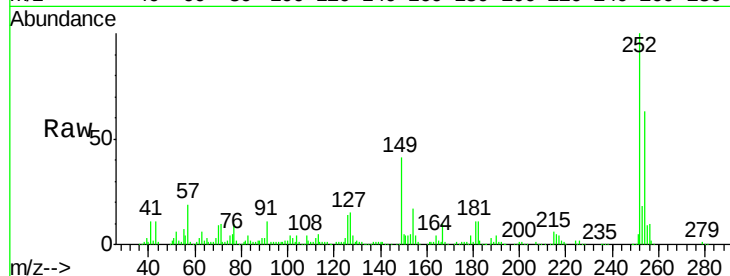




#81
 3,3'-Dichlorobenzidine
 Concen: 42.71 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

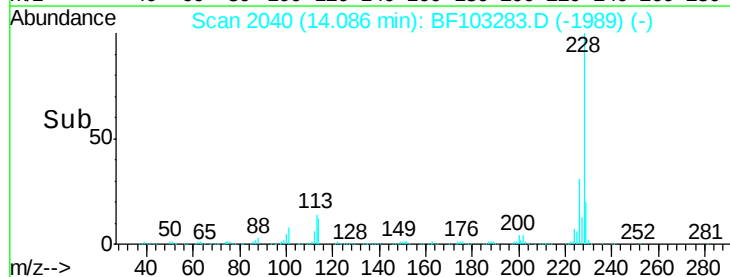
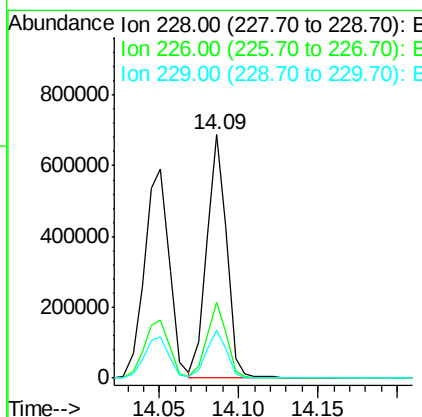
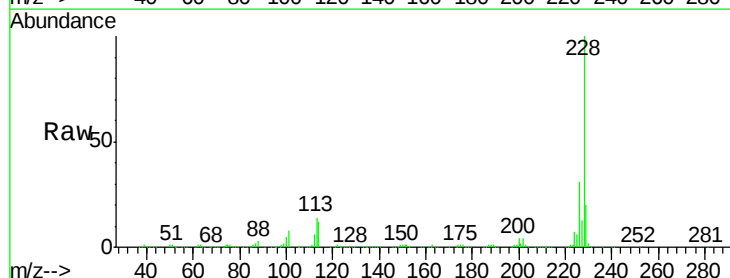
Instrument :
 BNA_F
 ClientSampleId :

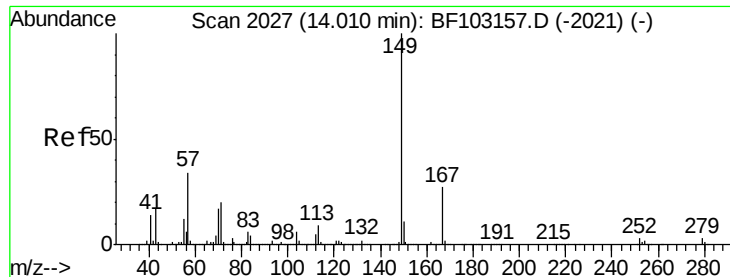
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	14.0	11.3	16.9



#82
 Chrysene
 Concen: 37.91 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4

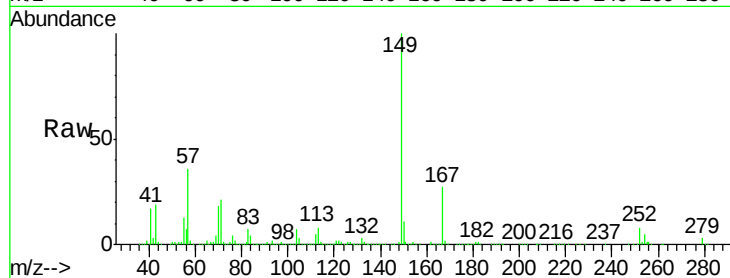




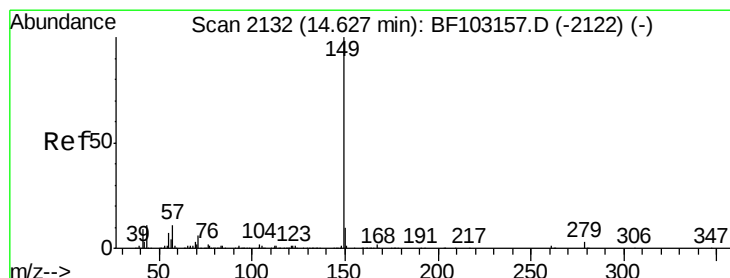
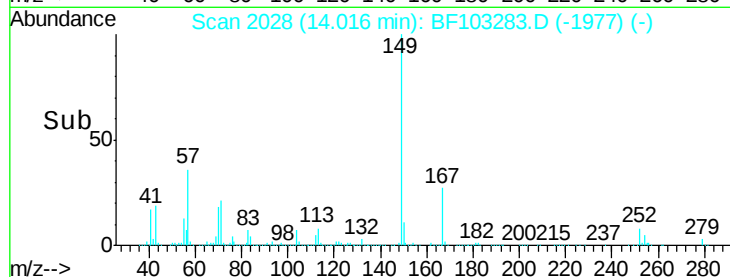
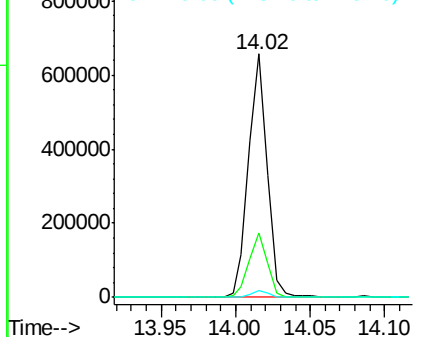
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.44 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 569143
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 2.8 3.0 4.4#

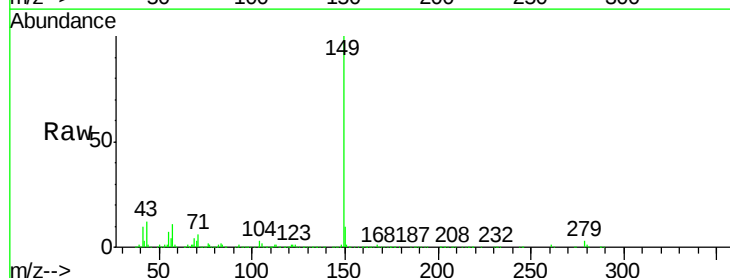


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

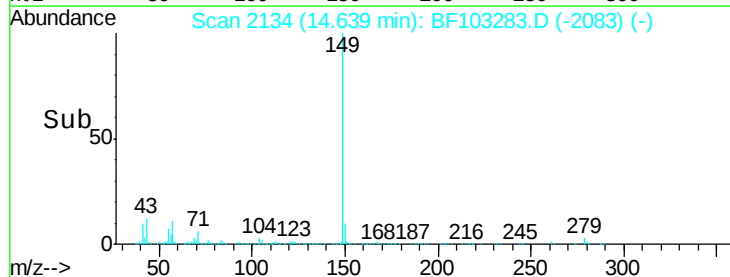
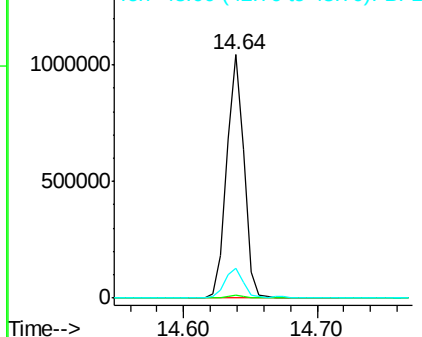


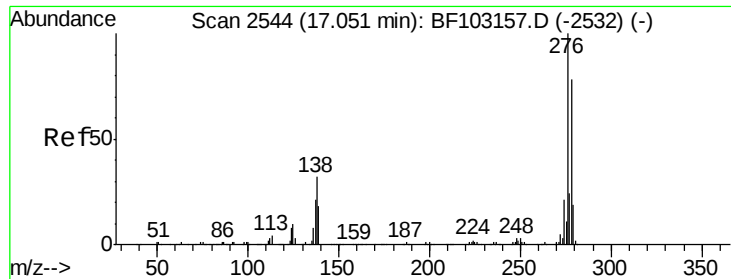
#84
 Di-n-octyl phthalate
 Concen: 41.91 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Tgt Ion:149 Resp: 952830
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.6 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: 33.51 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

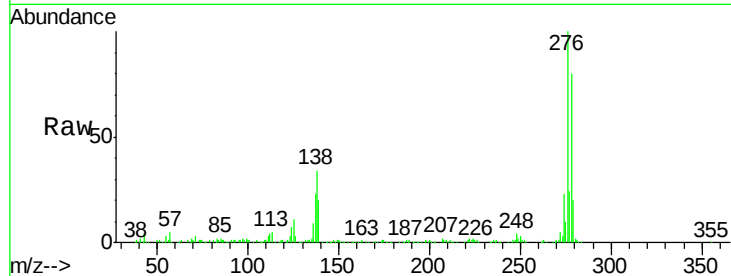
Tot Ion:276 Resp: 423119

Ion Ratio Lower Upper

276 100

138 34.0 25.0 37.6

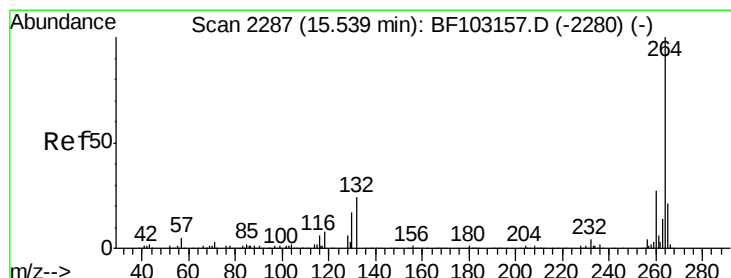
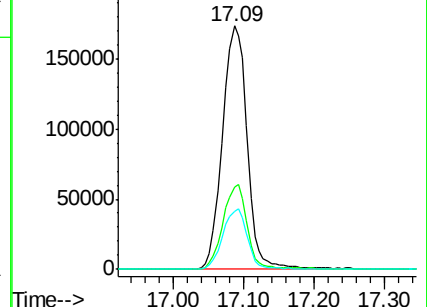
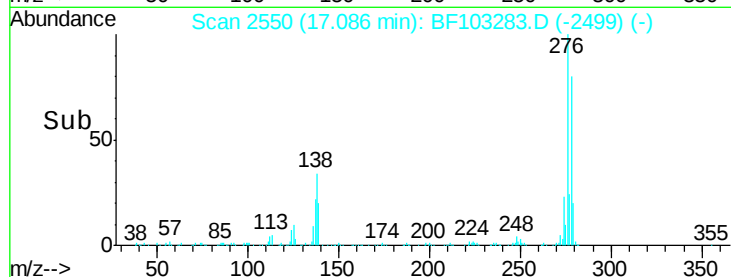
277 24.9 20.1 30.1



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

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

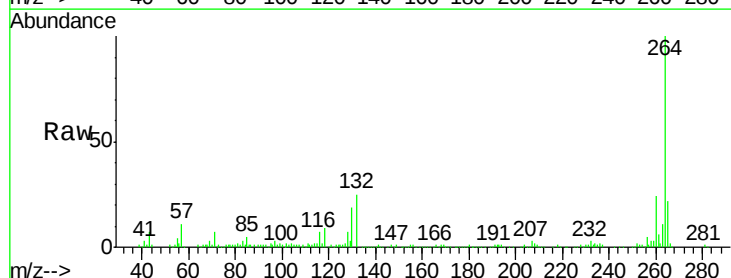
Tgt Ion:264 Resp: 197582

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

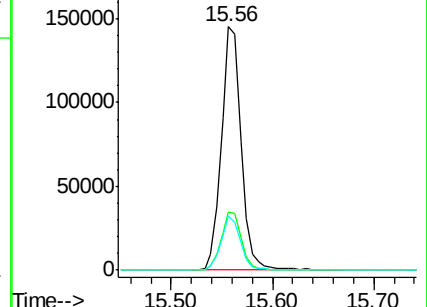
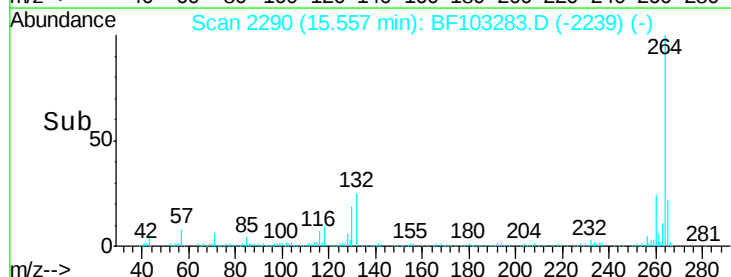
265 22.1 17.5 26.3

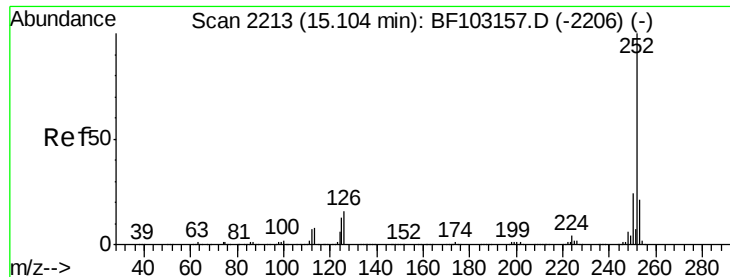


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.77 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

Instrument :

BNA_F

ClientSampleId :

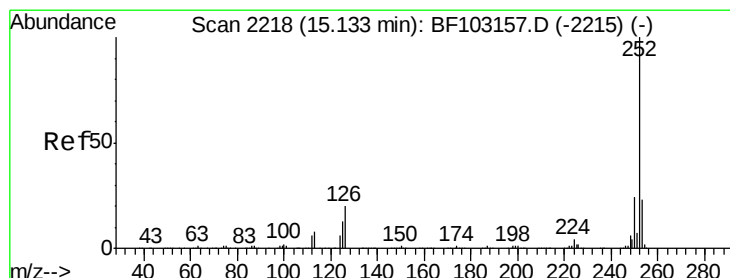
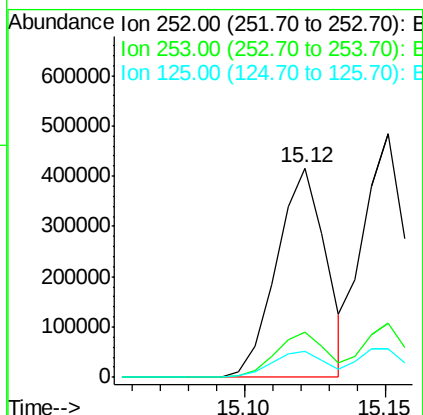
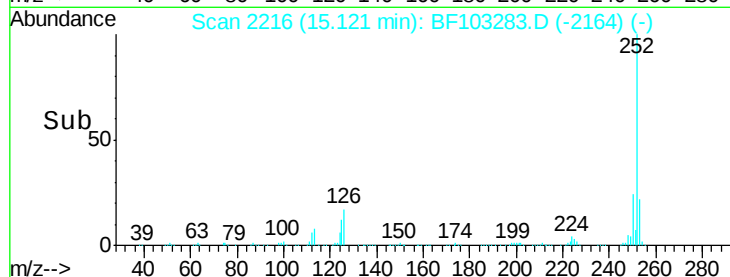
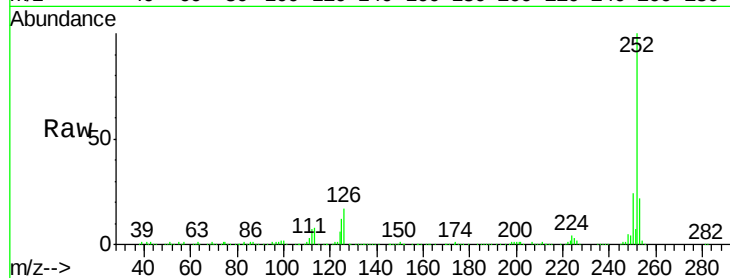
Tot Ion:252 Resp: 503592

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 12.2 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 41.68 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BF103283.D

Acq: 28 Feb 2018 1:07

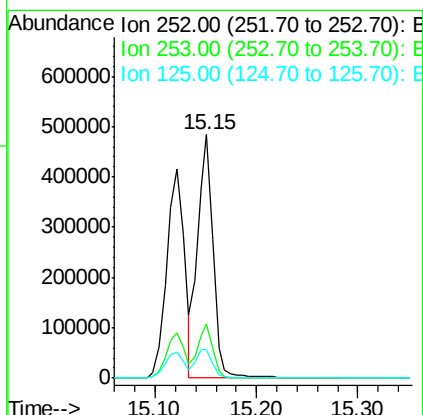
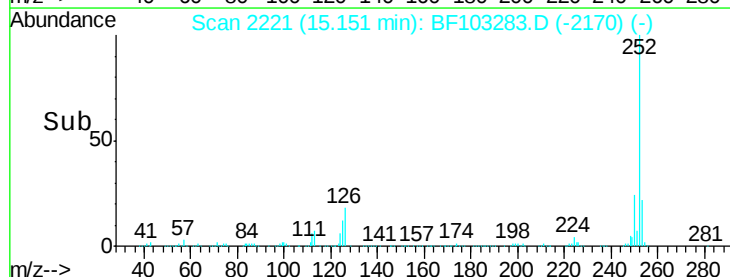
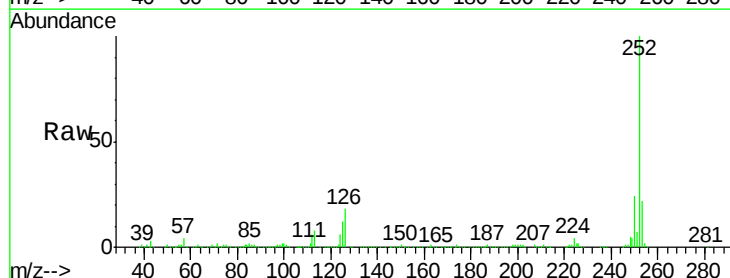
Tgt Ion:252 Resp: 509899

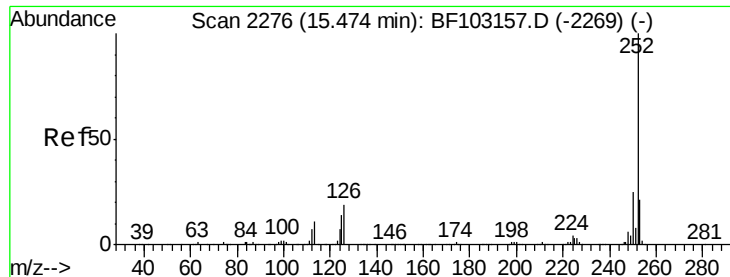
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 11.8 10.2 15.2

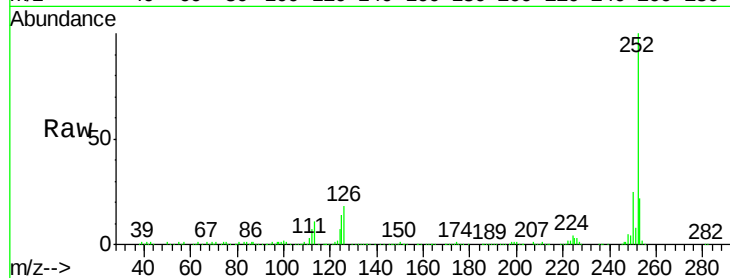




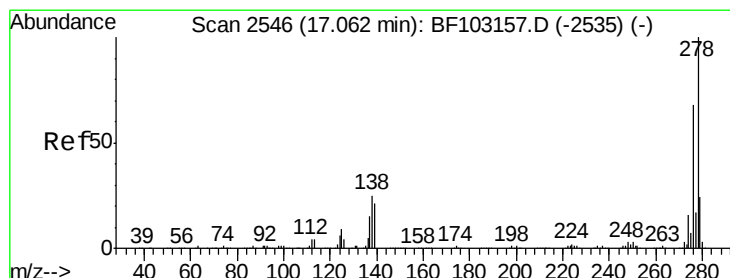
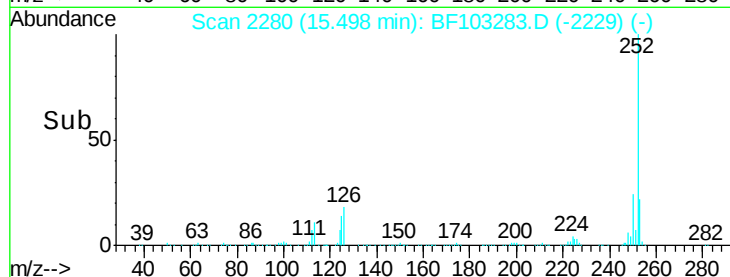
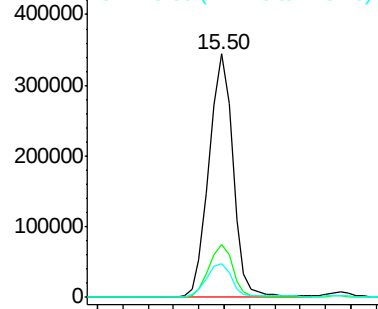
#89
Benzo(a)pyrene
Concen: 38.97 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 452052
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.0 9.8 14.6

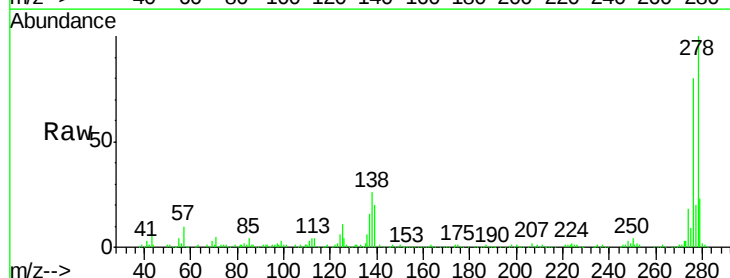


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

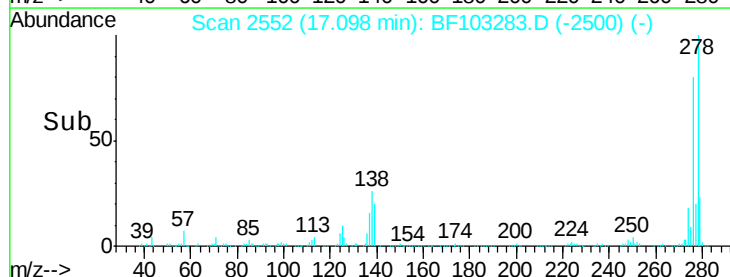
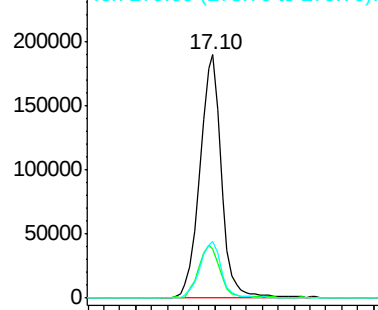


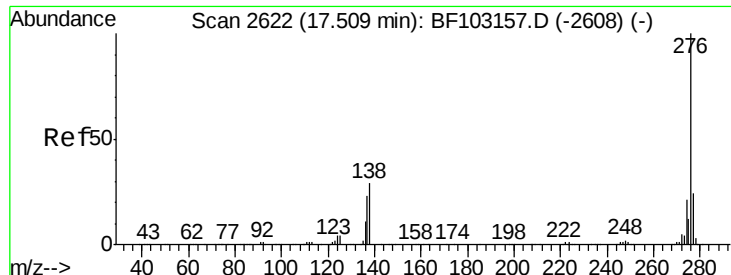
#90
Dibenzo(a,h)anthracene
Concen: 39.80 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103283.D
Acq: 28 Feb 2018 1:07

Tgt Ion:278 Resp: 356765
Ion Ratio Lower Upper
278 100
139 20.0 15.9 23.9
279 23.3 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

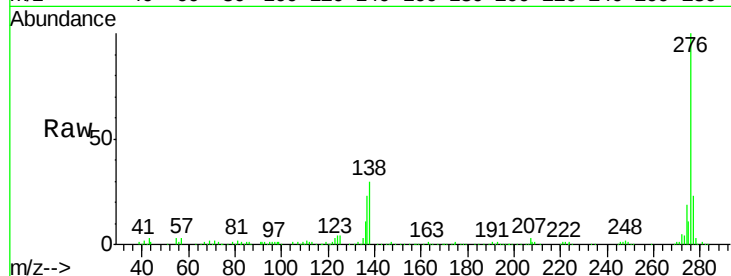




#91
 Benzo(a,h,i)perylene
 Concen: 38.89 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF103283.D
 Acq: 28 Feb 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	29.6	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

