

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
 Data File : BF103025.D
 Acq On : 15 Feb 2018 18:43
 Operator : SJ/JU
 Sample : J1540-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:02:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	165858	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	664467	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	276268	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	274516	20.00	ng	0.02
75) Chrysene-d12	14.12	240	98138	20.00	ng	0.06
86) Perylene-d12	15.62	264	180158	20.00	ng	0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1248115	114.28	ng	0.01
7) Phenol-d6	6.52	99	1492818	113.52	ng	0.01
23) Nitrobenzene-d5	7.45	82	947234	98.89	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	209479	94.21	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	1417530	85.14	ng	0.00
78) Terphenyl-d14	13.01	244	808821	195.14	ng	0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	189444	35.12	ng	89
3) Pyridine	3.46	79	554756	37.22	ng	90
4) n-Nitrosodimethylamine	3.40	42	261734	41.05	ng	97
6) Aniline	6.55	93	285544	14.70	ng	93
8) 2-Chlorophenol	6.67	128	457173	40.66	ng	94
9) Benzaldehyde	6.43	77	107923	11.05	ng	98
10) Phenol	6.53	94	625042	44.35	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	476106	40.60	ng	92
12) 1,3-Dichlorobenzene	6.82	146	486516	37.37	ng	99
13) 1,4-Dichlorobenzene	6.90	146	490979	37.86	ng	99
14) 1,2-Dichlorobenzene	7.05	146	444136	36.76	ng	99
15) Benzyl Alcohol	7.02	79	402558	39.82	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	811459	36.43	ng	99
17) 2-Methylphenol	7.13	107	391939	37.79	ng	100
18) Hexachloroethane	7.39	117	147926	33.26	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	304703	35.14	ng	95
20) 3+4-Methylphenols	7.29	107	463510	36.24	ng	# 68
22) Acetophenone	7.29	105	610256	37.53	ng	# 92
24) Nitrobenzene	7.46	77	489998	43.49	ng	98
25) Isophorone	7.70	82	908248	41.18	ng	97
26) 2-Nitrophenol	7.77	139	148569	34.97	ng	94
27) 2,4-Dimethylphenol	7.82	122	390169	41.87	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	578094	44.25	ng	99
29) 2,4-Dichlorophenol	8.02	162	362044	42.74	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	369975	38.61	ng	99
31) Naphthalene	8.19	128	2220627	68.40	ng	99
32) Benzoic acid	7.90	122	69750	18.38	ng	94
33) 4-Chloroaniline	8.23	127	138374	9.89	ng	97
34) Hexachlorobutadiene	8.30	225	188725	38.43	ng	99
35) Caprolactam	8.61	113	121814	41.41	ng	# 78
36) 4-Chloro-3-methylphenol	8.72	107	385689	40.52	ng	97
37) 2-Methylnaphthalene	8.88	142	1227980	57.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	313254	41.64	ng	99
42) 2,4,6-Trichlorophenol	9.16	196	215555	43.63	ng	99

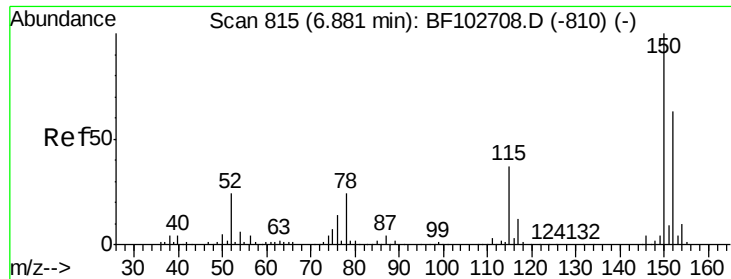
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
 Data File : BF103025.D
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 Operator : SJ/JU
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Quant Time: Feb 16 00:02:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	219972	39.50	nq	97
45) 1,1'-Biphenyl	9.34	154	1067272	45.87	nq	100
46) 2-Chloronaphthalene	9.37	162	710942	38.81	nq	98
47) 2-Nitroaniline	9.46	65	298964	52.53	nq	86
48) Acenaphthylene	9.78	152	1099510	38.64	nq	98
49) Dimethylphthalate	9.63	163	949772	44.09	nq	99
50) 2,6-Dinitrotoluene	9.71	165	132864	32.42	nq	98
51) Acenaphthene	9.97	154	2086950	122.65	nq	99
52) 3-Nitroaniline	9.88	138	194843	38.64	nq	96
53) 2,4-Dinitrophenol	10.00	184	2389	11.16	nq	# 1
54) Dibenzofuran	10.13	168	2508700	104.62	nq	95
55) 4-Nitrophenol	10.05	139	271625	66.27	nq	94
56) 2,4-Dinitrotoluene	10.12	165	131853	25.53	nq	# 83
57) Fluorene	10.49	166	2417282	138.55	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	142317	36.87	nq	# 77
59) Diethylphthalate	10.34	149	749919	35.26	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	261237	33.85	nq	99
61) 4-Nitroaniline	10.49	138	177661	37.01	nq	90
62) Azobenzene	10.62	77	665253	31.31	nq	# 74
64) 4,6-Dinitro-2-methylphenol	10.55	198	2780	11.03	nq	# 1
65) n-Nitrosodiphenylamine	10.58	169	646016	66.72	nq	93
66) 4-Bromophenyl-phenylether	10.95	248	166900	57.47	nq	94
67) Hexachlorobenzene	11.04	284	172818	53.95	nq	94
68) Atrazine	11.13	200	137811	48.24	nq	98
69) Pentachlorophenol	11.25	266	141172	75.07	nq	99
70) Phenanthrene	11.46	178	8853639	579.10	nq	99
71) Anthracene	11.53	178	4153867	267.13	nq	98
72) Carbazole	11.66	167	3061426	200.96	nq	97
73) Di-n-butylphthalate	11.97	149	957621	51.75	nq	99
74) Fluoranthene	12.66	202	5042554	327.82	nq	98
76) Benzidine	12.79	184	9403	2.08	nq	# 11
77) Pyrene	12.92	202	3028038	393.48	nq	97
79) Butylbenzylphthalate	13.47	149	343762	92.42	nq	95
80) Benzo(a)anthracene	14.10	228	4981153	807.06	nq	97
81) 3,3'-Dichlorobenzidine	14.05	252	76166	33.28	nq	# 94
82) Chrysene	14.14	228	2606674	418.97	nq	97
83) Bis(2-ethylhexyl)phthalate	14.04	149	451369	95.75	nq	99
84) Di-n-octyl phthalate	14.65	149	658053	92.97	nq	# 100
85) Indeno(1,2,3-cd)pyrene	17.19	276	3011791	583.67	nq	# 92
87) Benzo(b)fluoranthene	15.19	252	6042224	517.30	nq	96
88) Benzo(k)fluoranthene	15.19	252	6042224	541.40	nq	98
89) Benzo(a)pyrene	15.57	252	3304744	314.33	nq	95
90) Dibenzo(a,h)anthracene	17.32	278	670271	78.54	nq	95
91) Benzo(g,h,i)perylene	17.65	276	2817525	337.32	nq	97

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

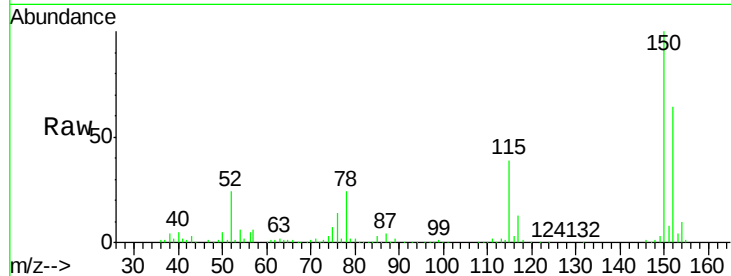


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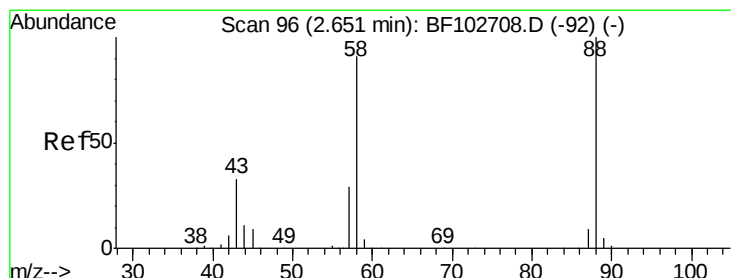
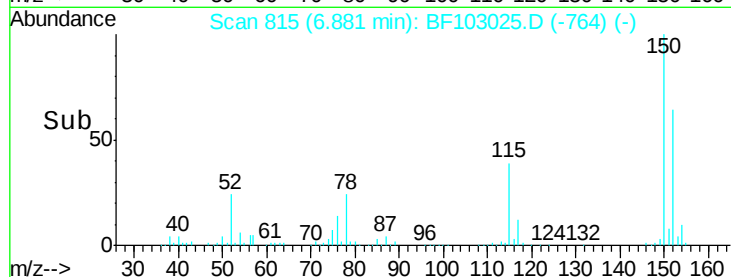
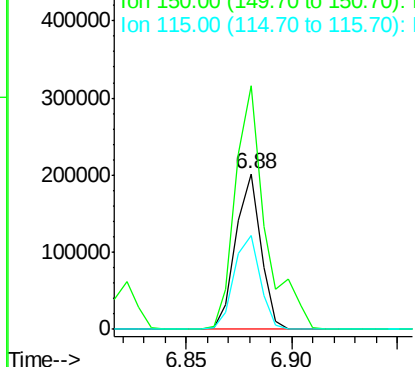
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 165858
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.3 50.1 75.1



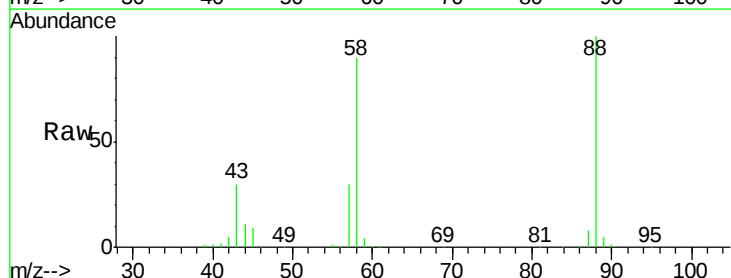
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



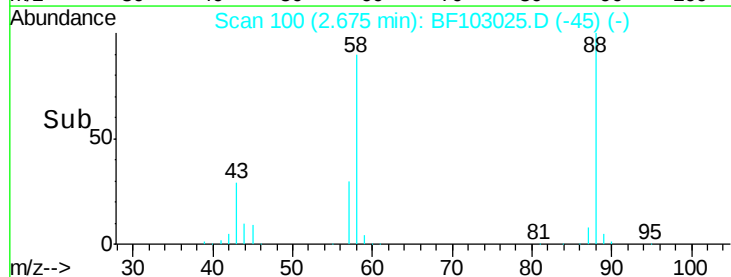
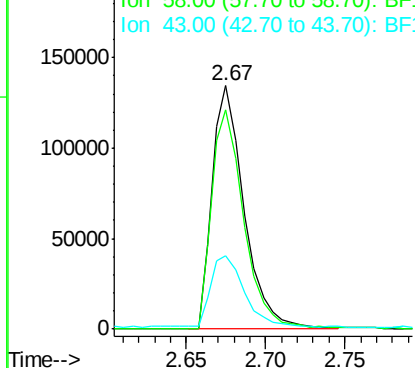
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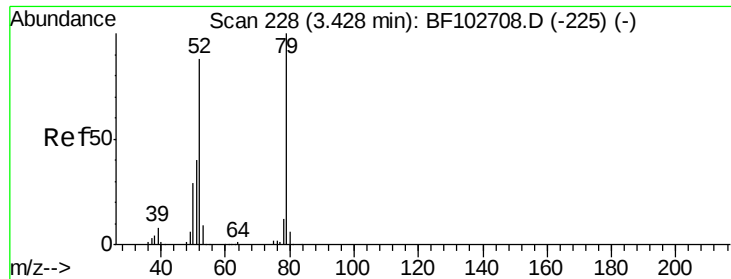
1,4-Dioxane
Concen: 35.12 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.02 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion: 88 Resp: 189444
Ion Ratio Lower Upper
88 100
58 91.6 62.6 93.8
43 30.6 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: 37.22 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.04 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

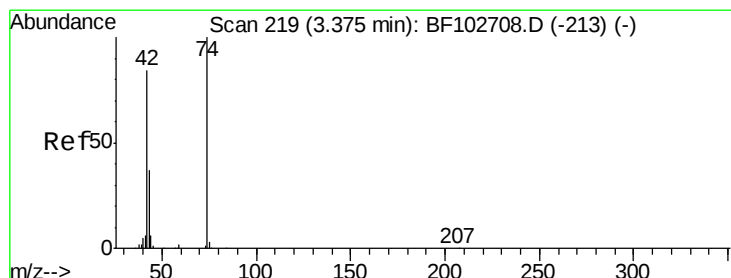
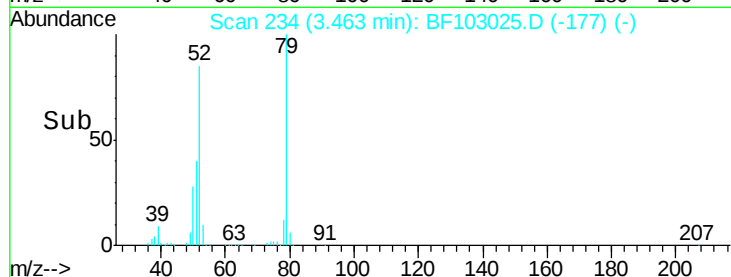
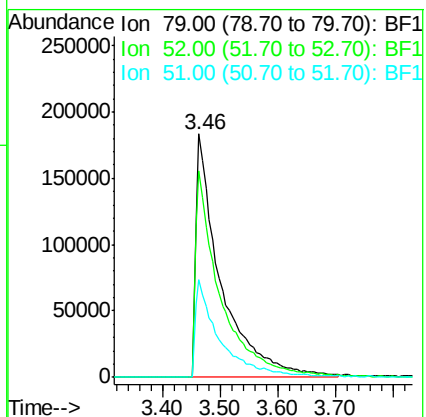
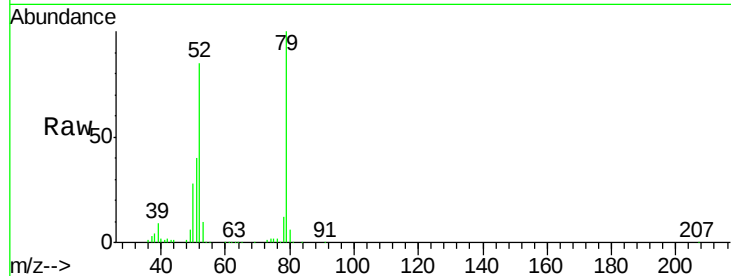
Tot Ion: 79 Resp: 554756

Ion Ratio Lower Upper

79 100

52 84.8 59.8 89.6

51 40.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.05 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

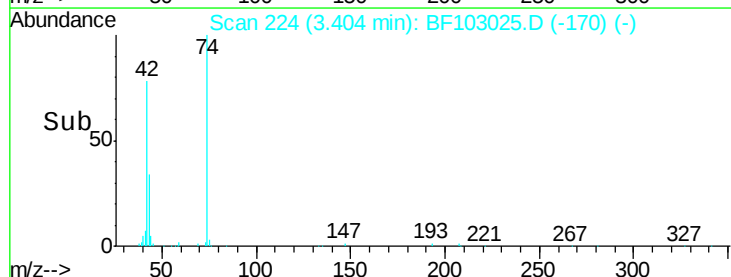
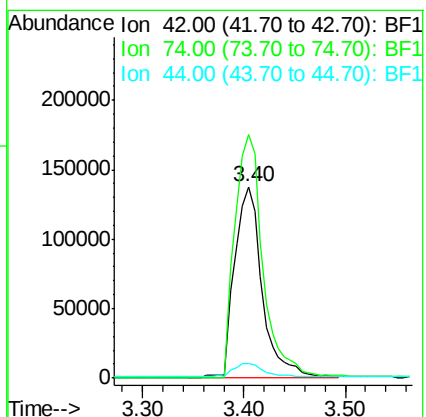
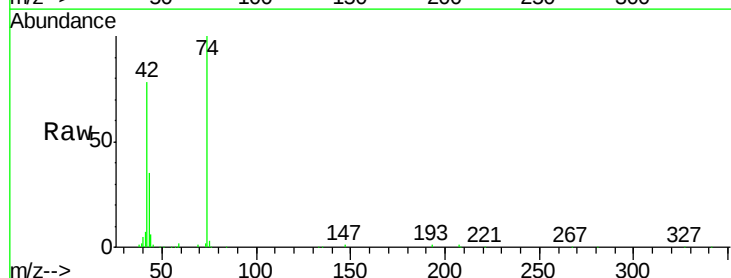
Tgt Ion: 42 Resp: 261734

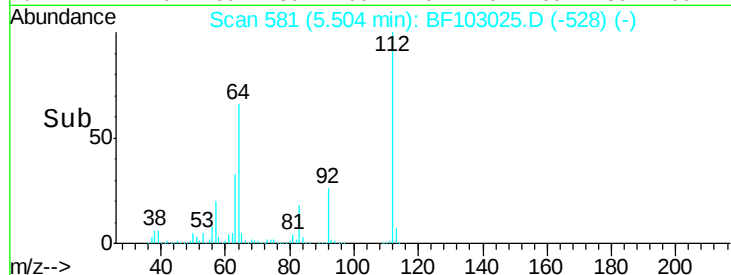
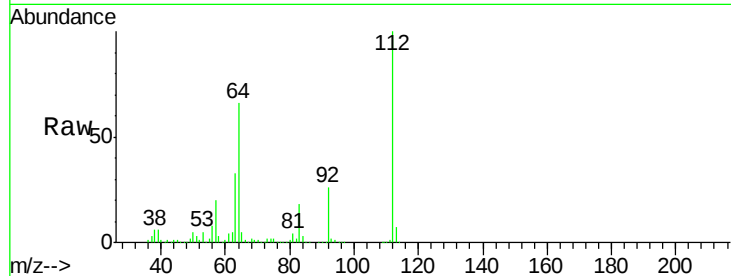
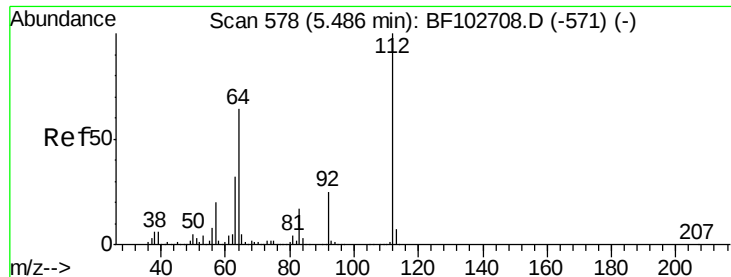
Ion Ratio Lower Upper

42 100

74 127.4 104.9 157.3

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 114.28 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

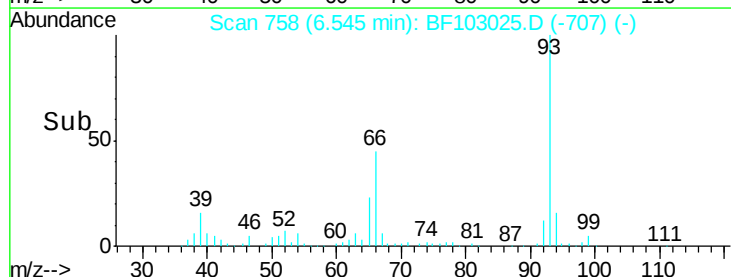
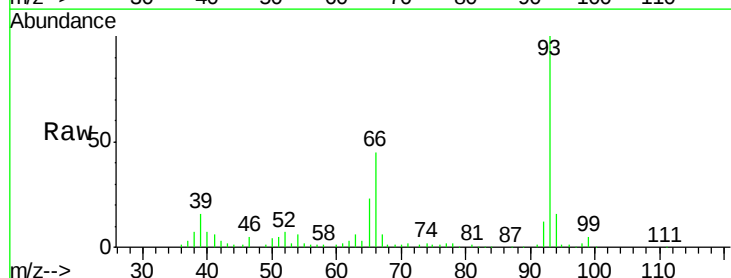
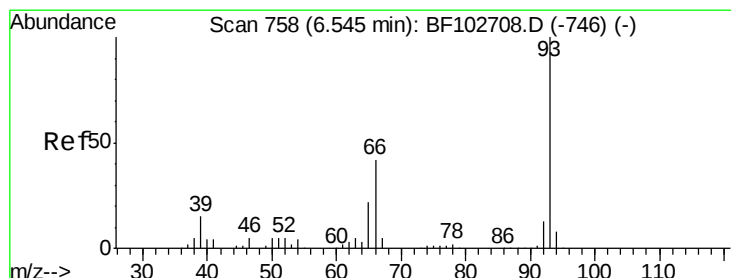
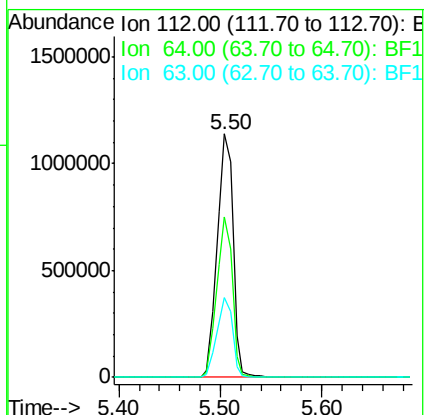
Tot Ion:112 Resp: 1248115

Ion Ratio Lower Upper

112 100

64 65.8 47.9 71.9

63 32.8 23.7 35.5



#6

Aniline

Concen: 14.70 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

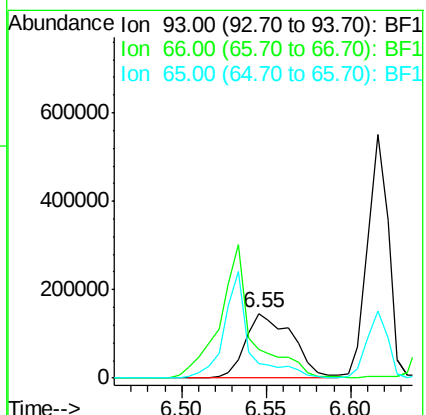
Tgt Ion: 93 Resp: 285544

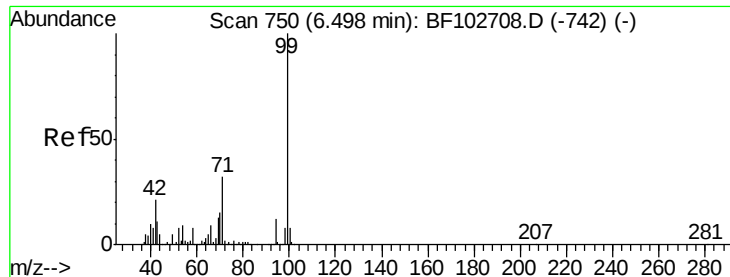
Ion Ratio Lower Upper

93 100

66 44.8 32.2 48.2

65 23.0 16.4 24.6





#7

Phenol-d6

Concen: 113.52 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampled :

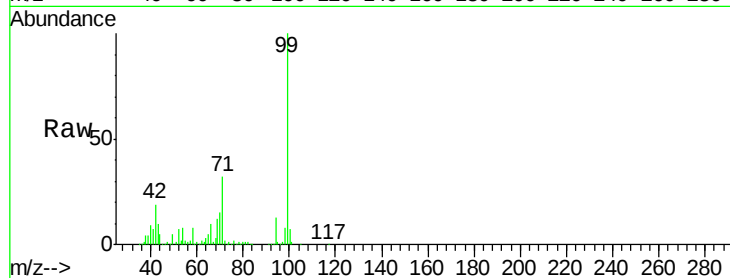
Tot Ion: 99 Resp: 1492818

Ion Ratio Lower Upper

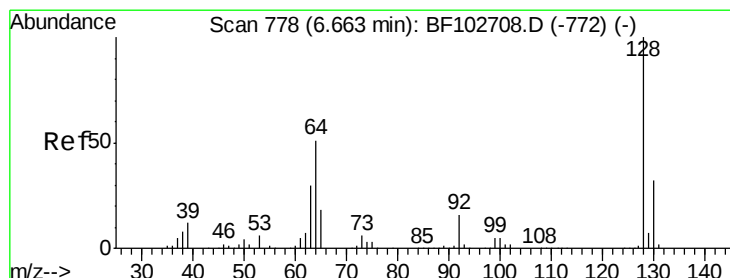
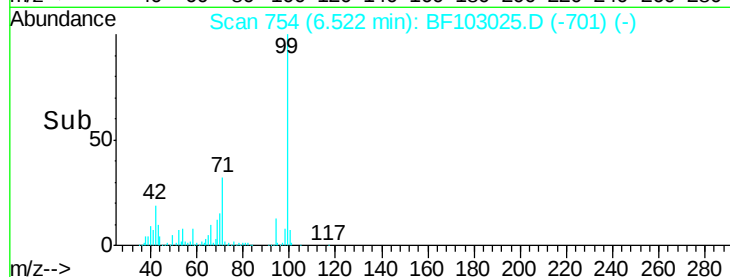
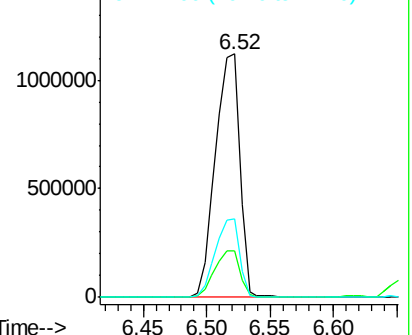
99 100

42 19.2 14.5 21.7

71 32.4 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: 40.66 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

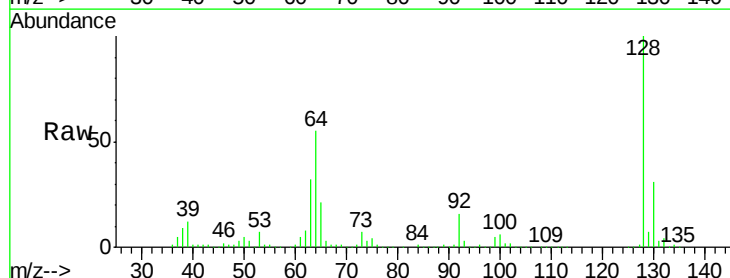
Tgt Ion: 128 Resp: 457173

Ion Ratio Lower Upper

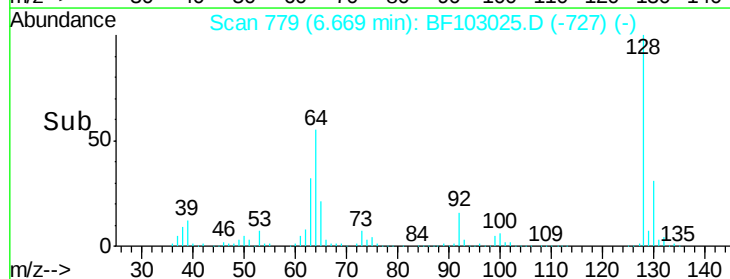
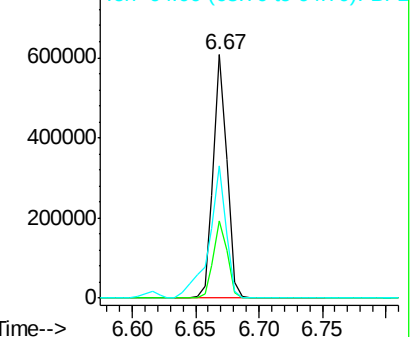
128 100

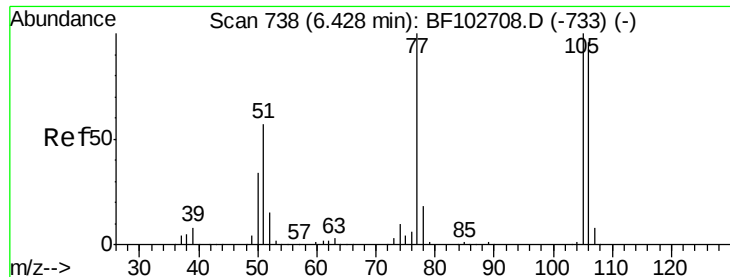
130 31.5 13.0 53.0

64 54.6 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: 11.05 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

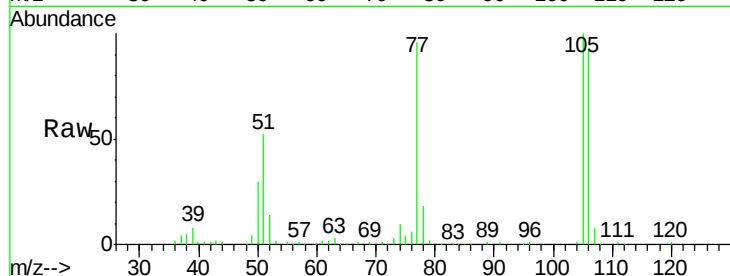
Tot Ion: 77 Resp: 107923

Ion Ratio Lower Upper

77 100

105 104.0 81.1 121.1

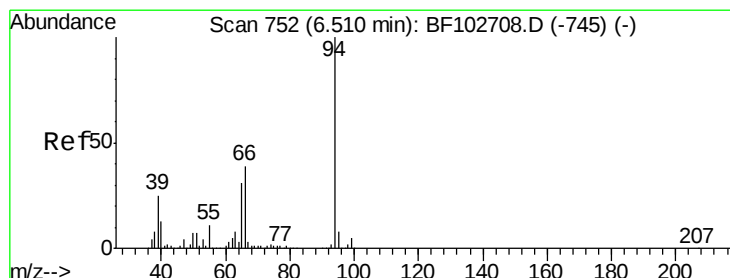
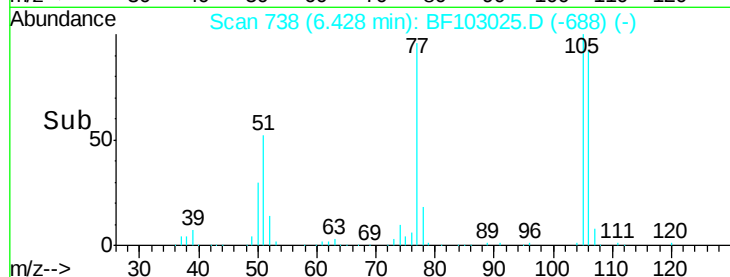
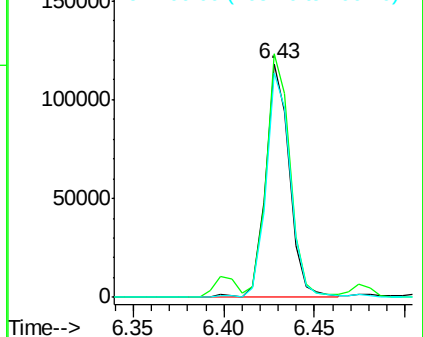
106 95.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.35 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

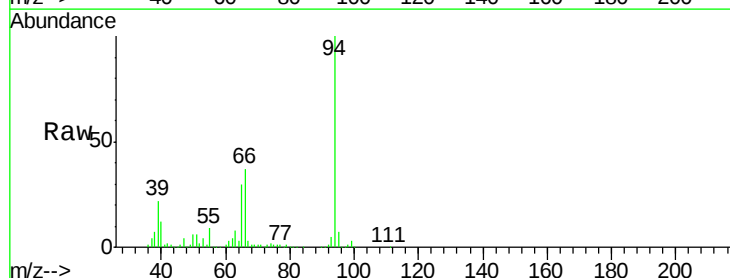
Tgt Ion: 94 Resp: 625042

Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

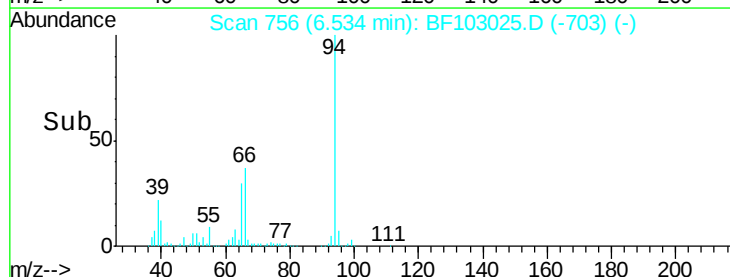
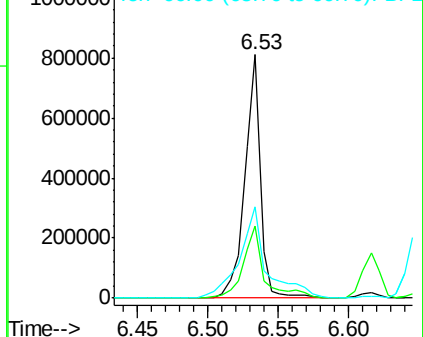
66 37.2 16.2 56.2

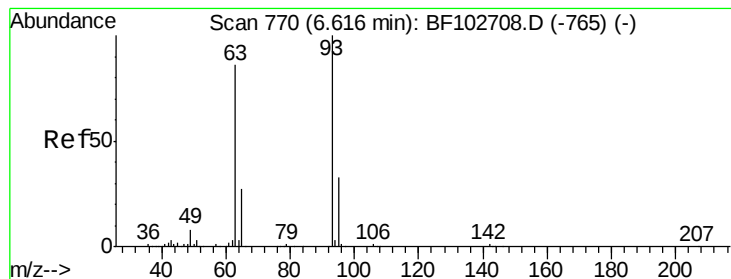


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

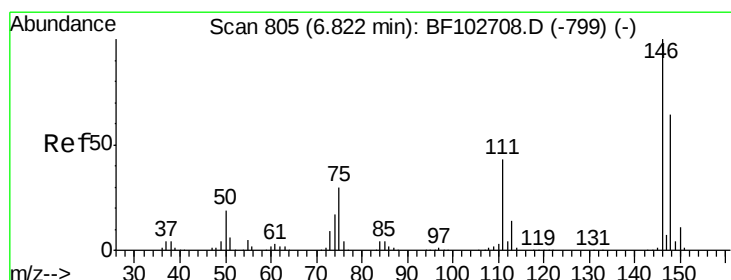
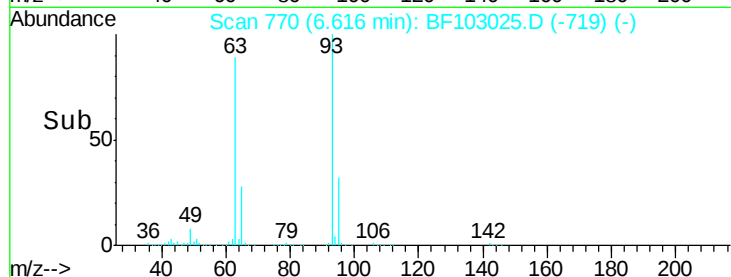
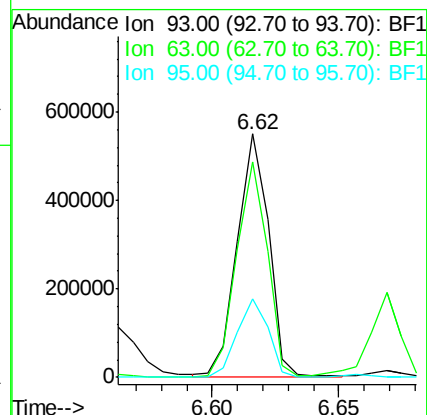
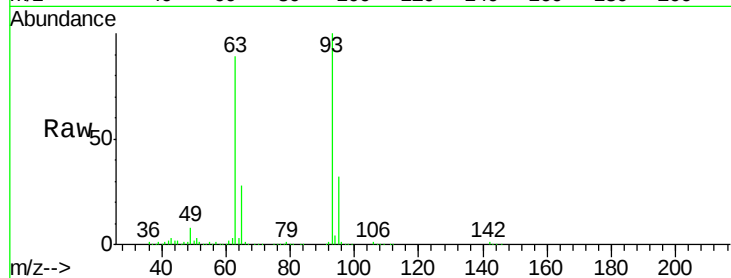




#11
bis(2-Chloroethyl)ether
Concen: 40.60 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

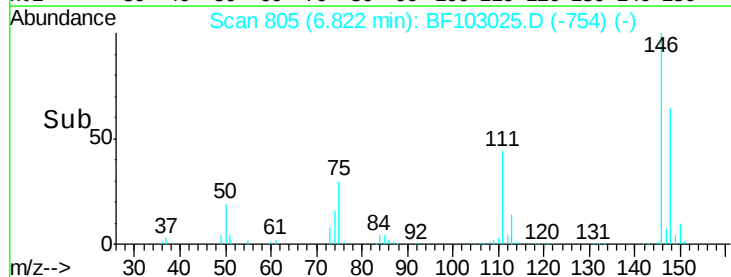
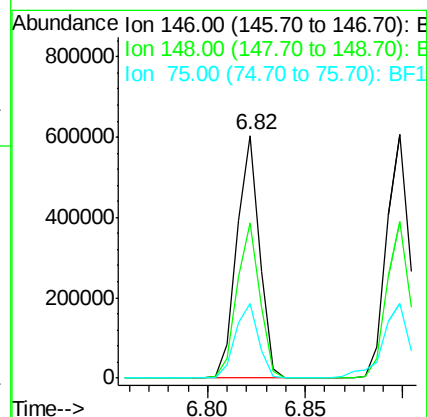
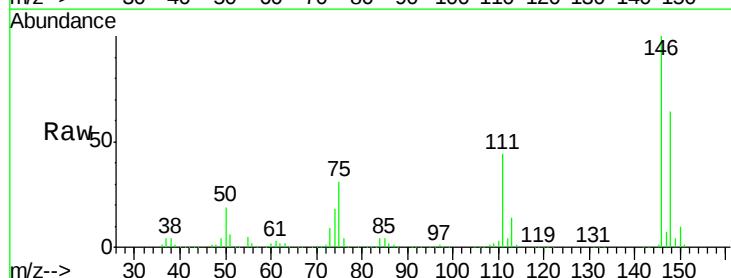
Instrument :
BNA_F
ClientSampleId :

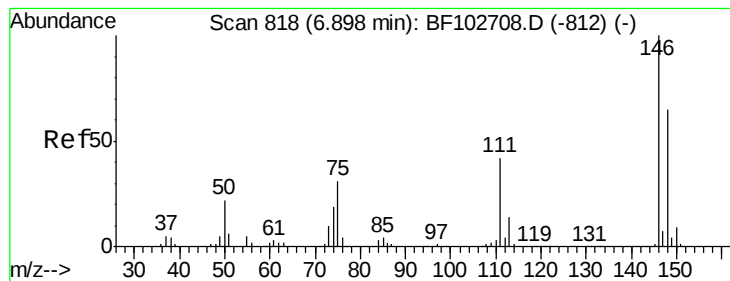
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	58.6	98.6
95	32.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.37 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.86 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

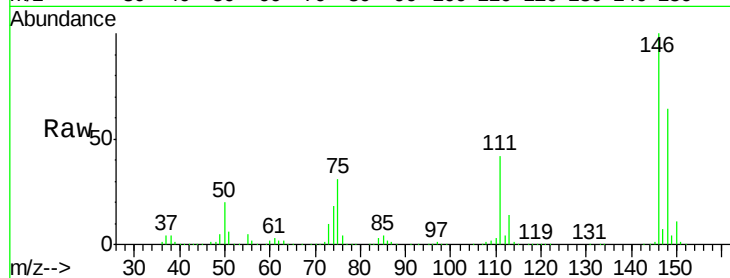
Tot Ion:146 Resp: 490979

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

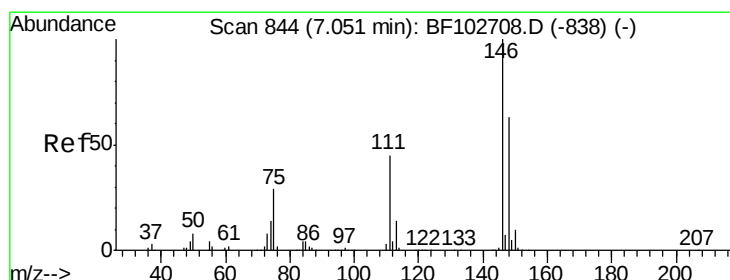
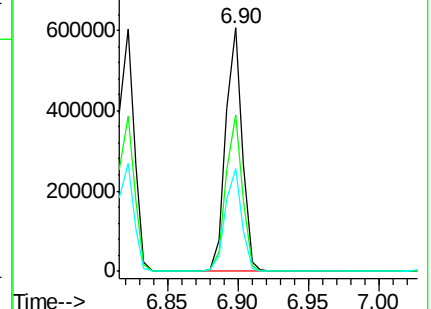
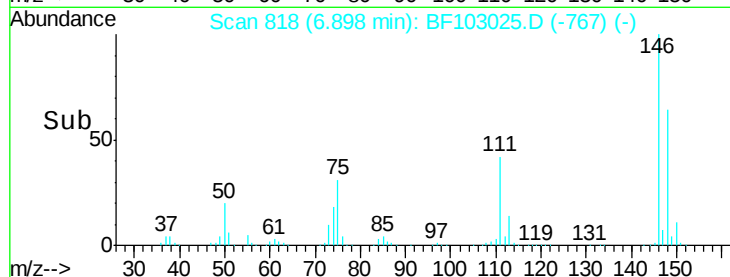
111 42.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.76 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

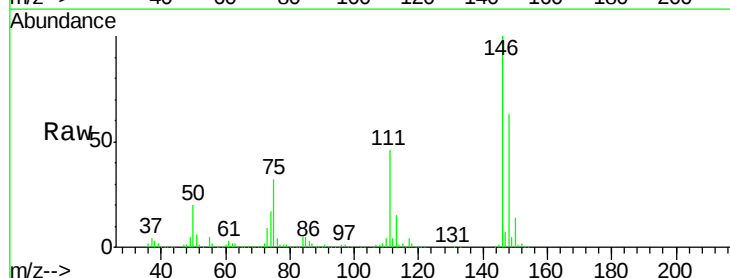
Tgt Ion:146 Resp: 444136

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

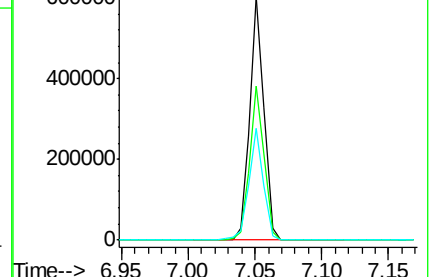
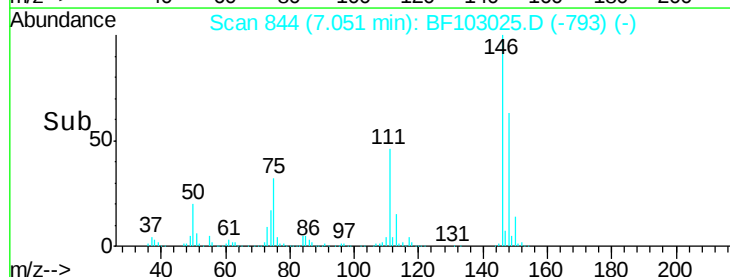
111 45.8 36.0 54.0

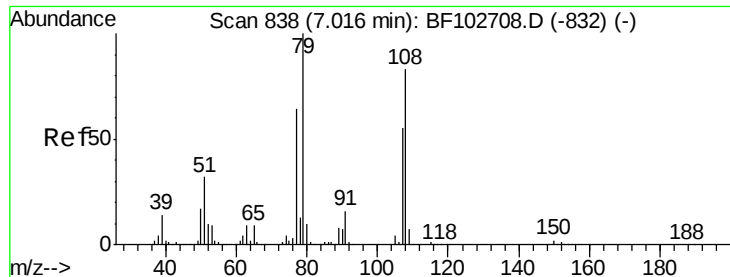


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.82 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

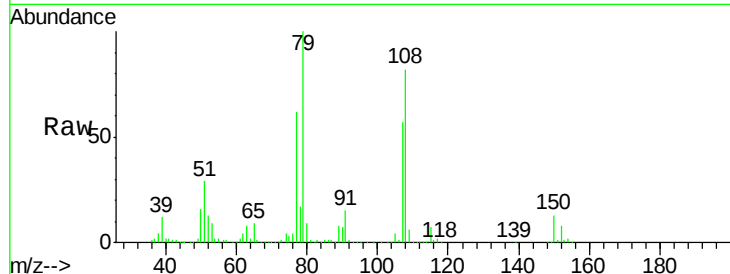
Tot Ion: 79 Resp: 402558

Ion Ratio Lower Upper

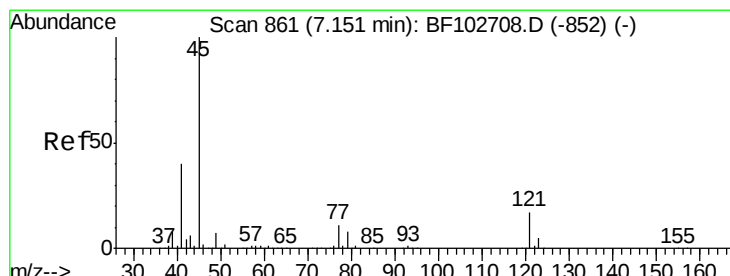
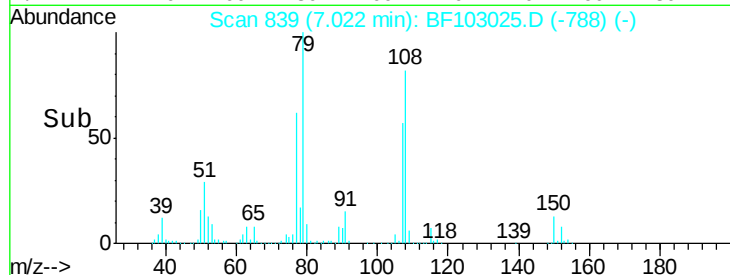
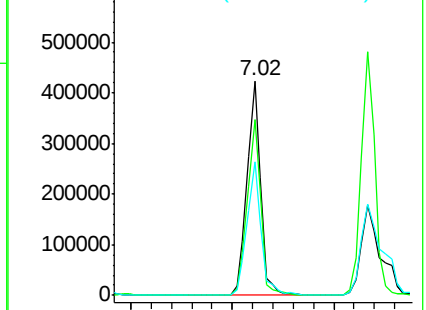
79 100

108 82.0 65.1 97.7

77 62.2 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.43 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

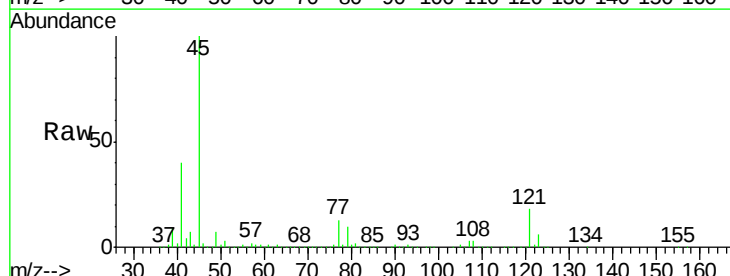
Tgt Ion: 45 Resp: 811459

Ion Ratio Lower Upper

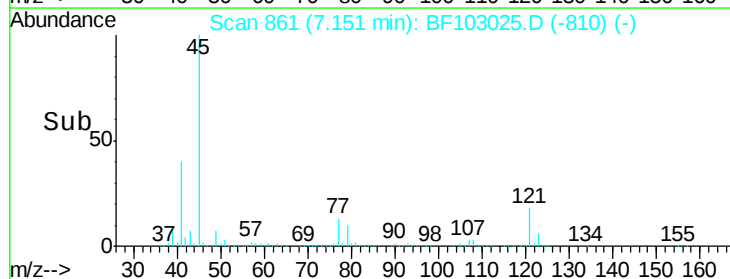
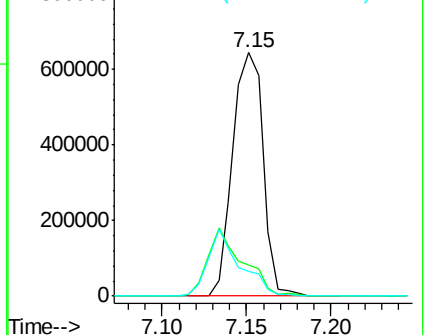
45 100

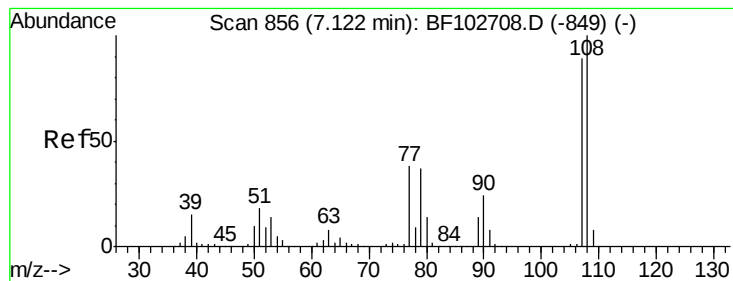
77 12.7 0.0 32.9

79 10.0 0.0 29.6



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

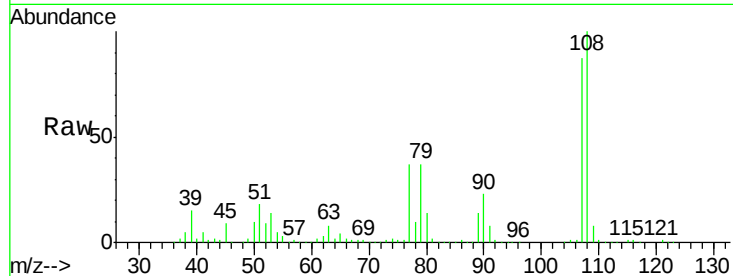




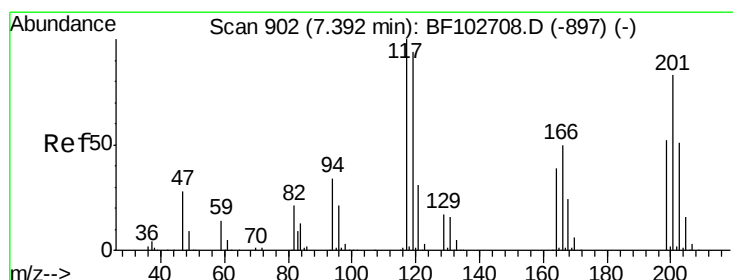
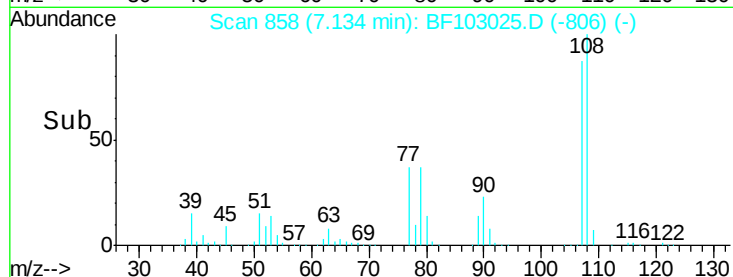
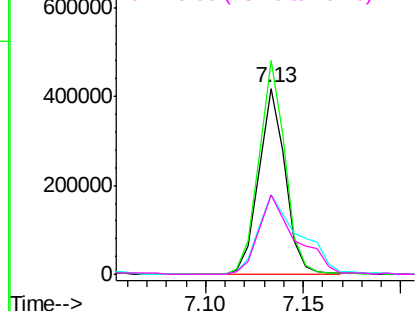
#17
2-Methylphenol
Concen: 37.79 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	391939
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.7	137.5
77	42.7	33.8	50.8
79	42.5	33.8	50.8

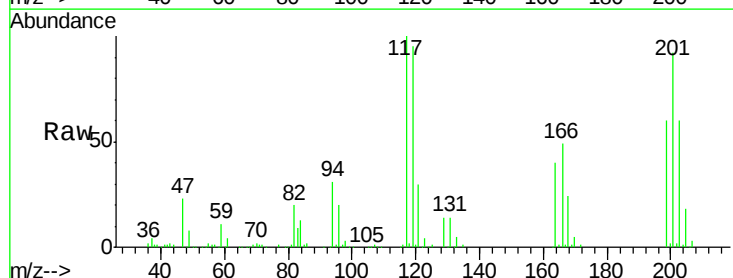


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

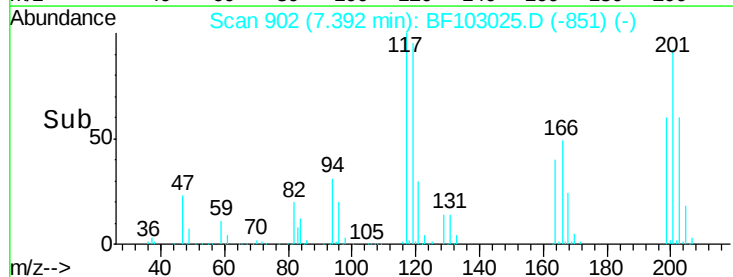
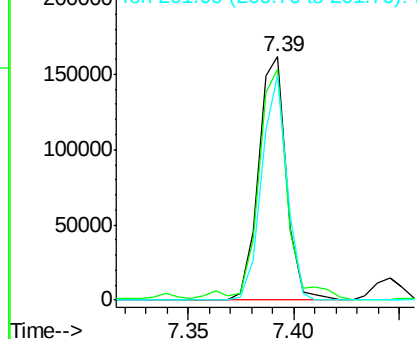


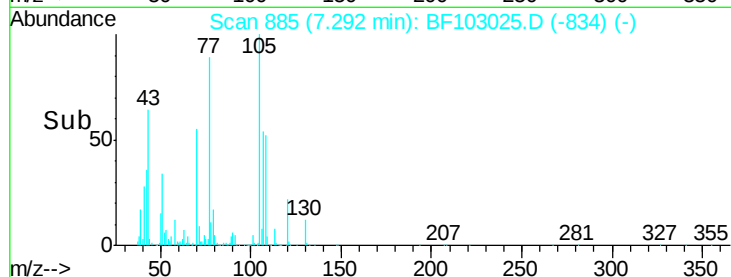
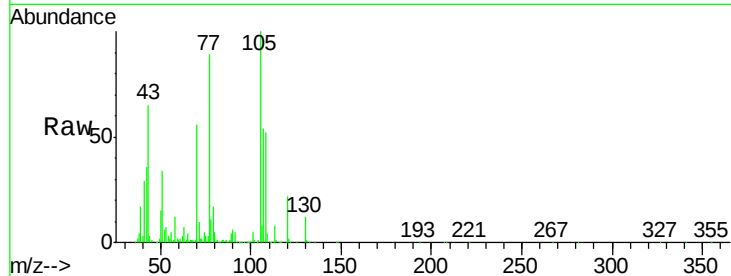
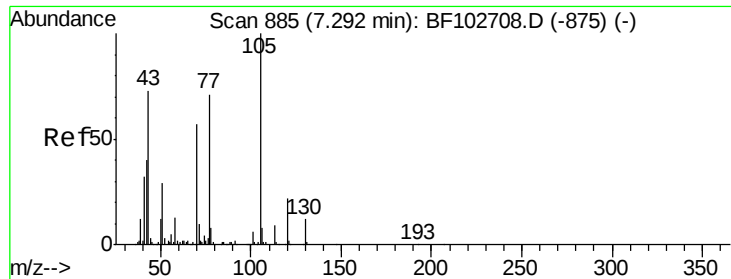
#18
Hexachloroethane
Concen: 33.26 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:	117	Resp:	147926
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	92.1	75.7	113.5



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

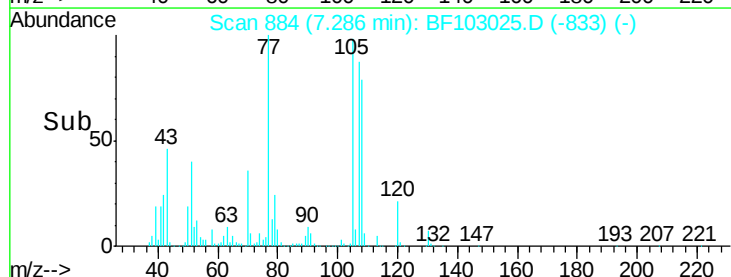
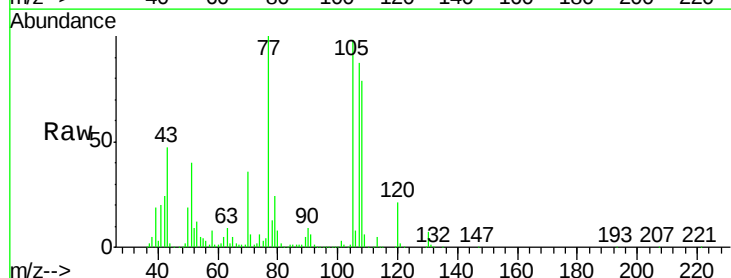
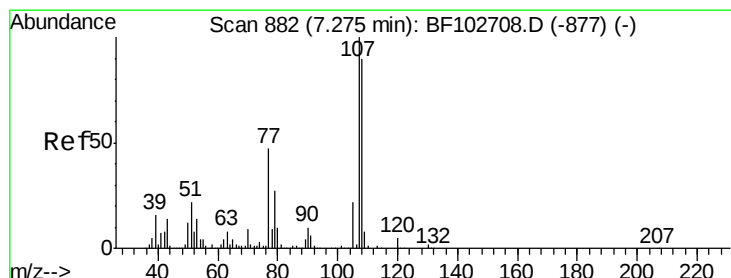
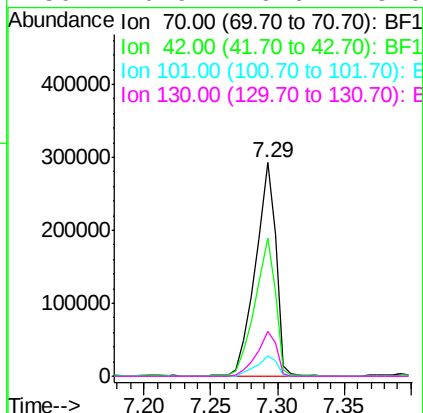




#19
n-Nitroso-di-n-propylamine
Concen: 35.14 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

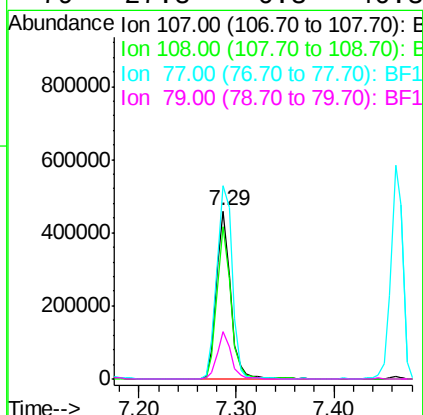
Instrument :
BNA_F
ClientSampleId :

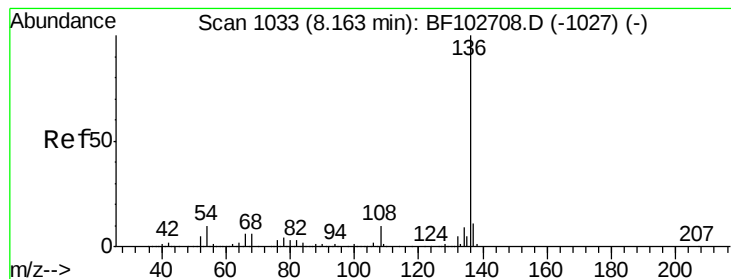
Tot Ion	70	Resp	304703
Ion	Ratio	Lower	Upper
70	100		
42	64.7	47.5	71.3
101	9.5	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.24 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion	107	Resp	463510
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	114.7	26.7	66.7#
79	27.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 664467

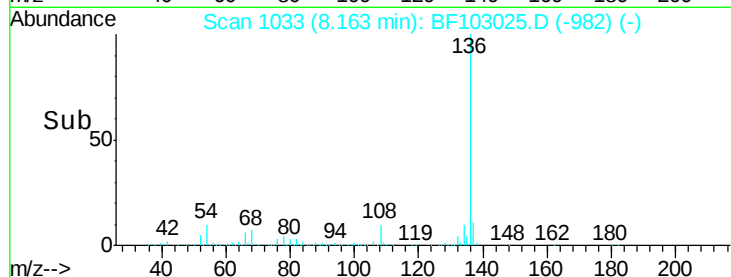
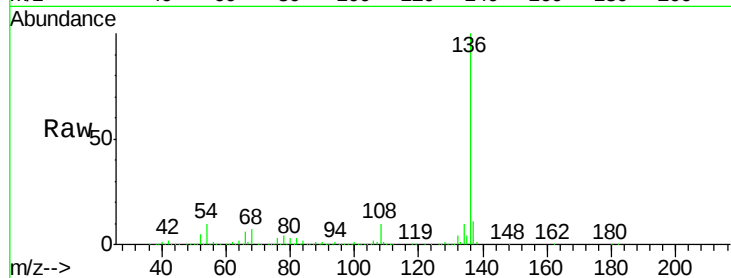
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 7.1 5.0 7.4

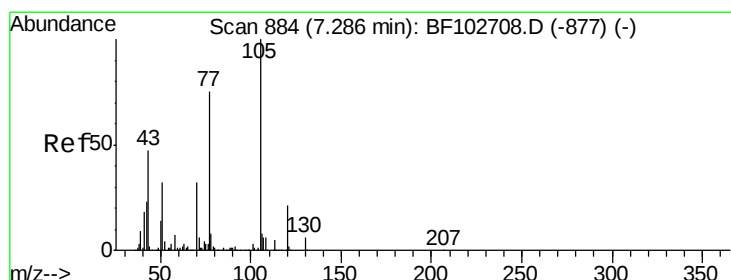
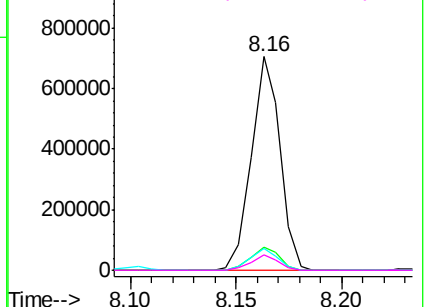


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.53 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Tgt Ion:105 Resp: 610256

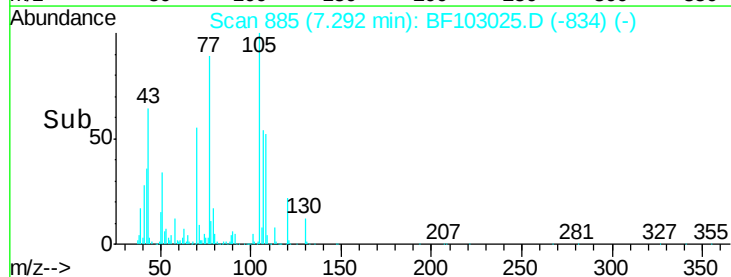
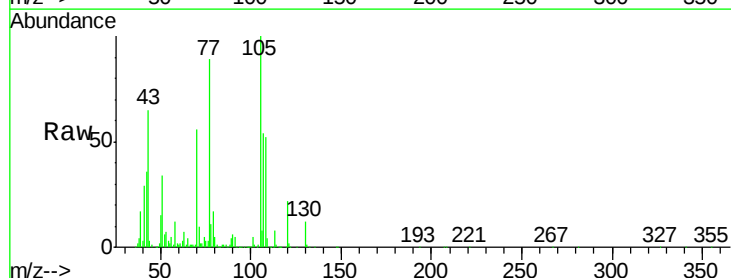
Ion Ratio Lower Upper

105 100

71 9.5 4.4 6.6#

51 34.0 22.3 33.5#

120 21.9 16.9 25.3

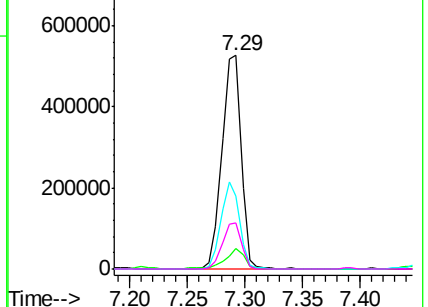


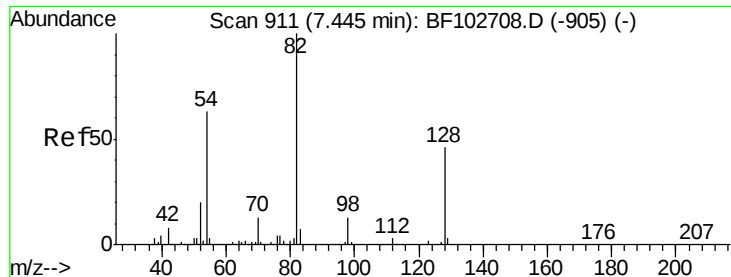
Abundance Ion 105.00 (104.70 to 105.70): E

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

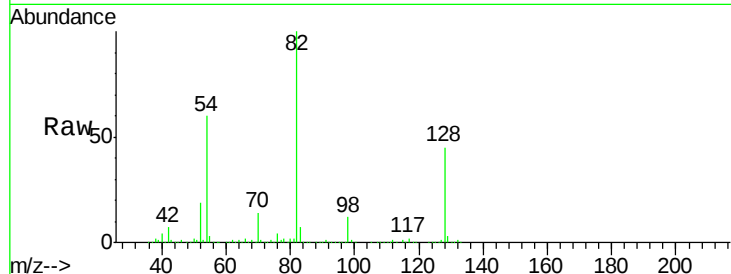




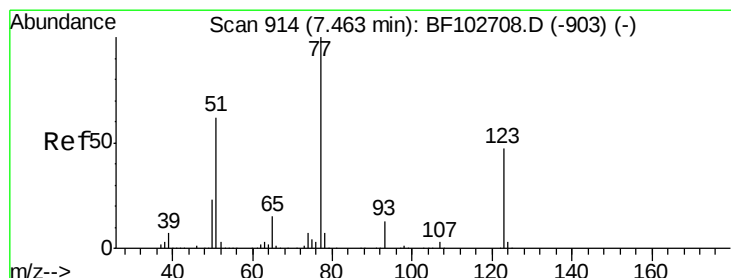
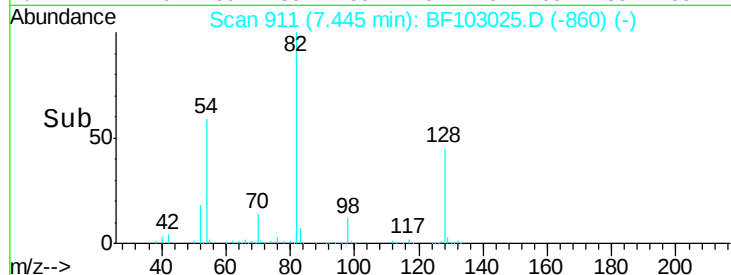
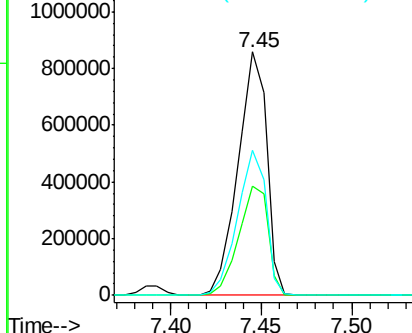
#23
Nitrobenzene-d5
Concen: 98.89 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	947234
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	59.5	41.4	62.2

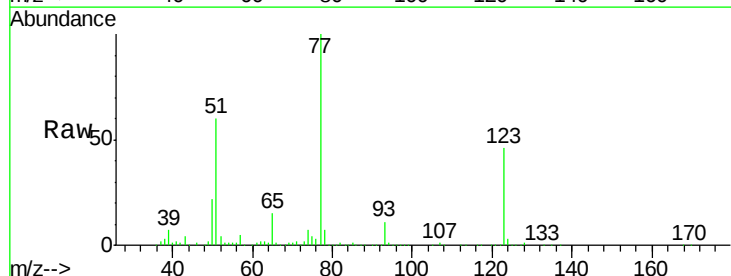


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

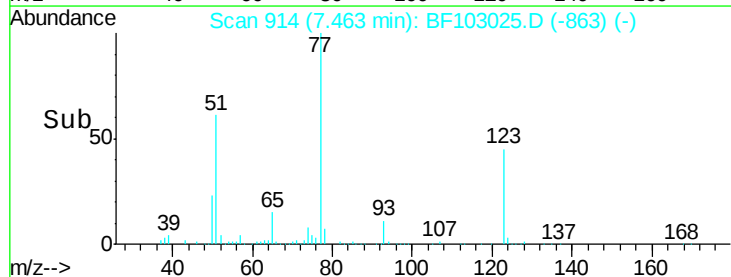
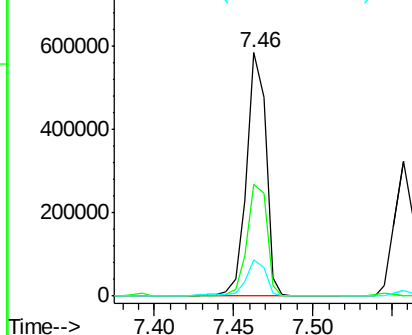


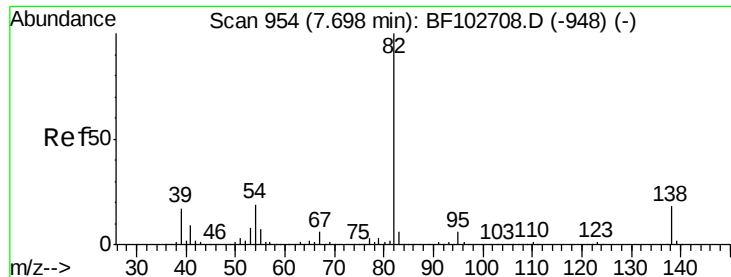
#24
Nitrobenzene
Concen: 43.49 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion	77	Resp	489998
Ion Ratio	Lower	Upper	
77	100		
123	45.7	37.9	56.9
65	14.6	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: 41.18 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

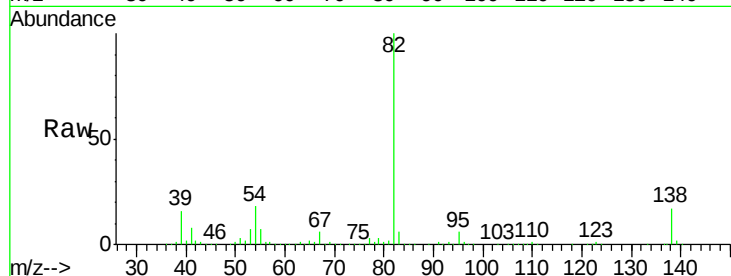
Tot Ion: 82 Resp: 908248

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

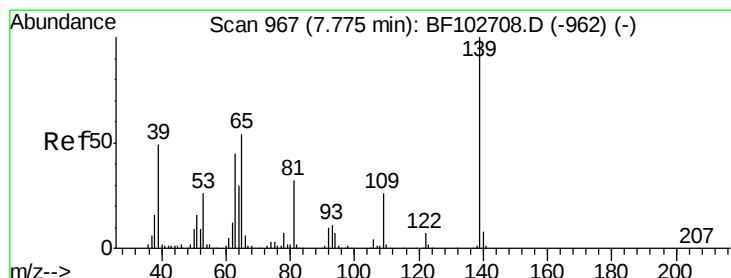
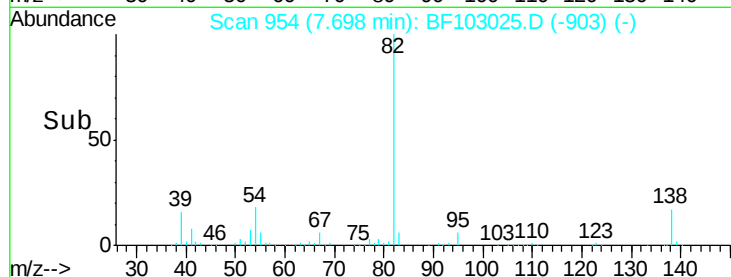
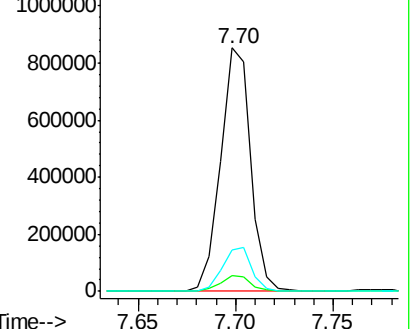
138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 34.97 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

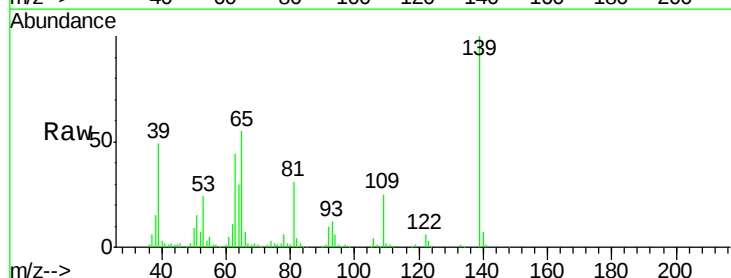
Tgt Ion: 139 Resp: 148569

Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

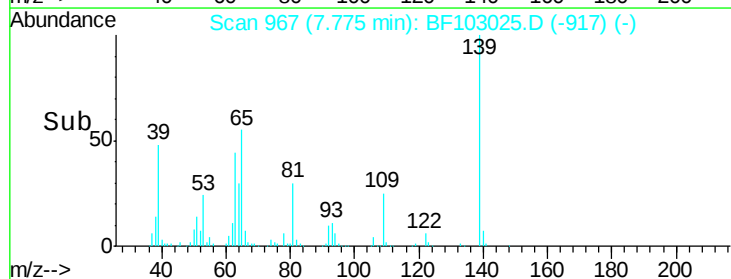
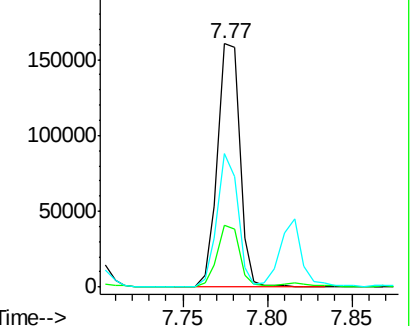
65 55.1 40.5 60.7

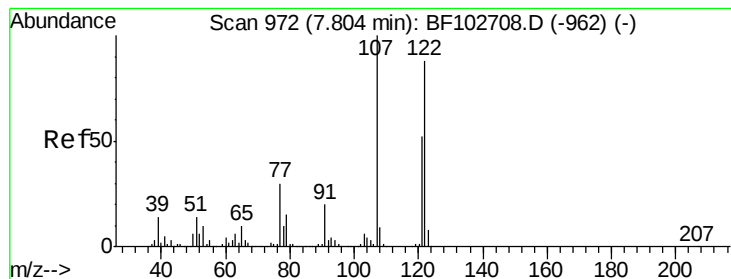


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

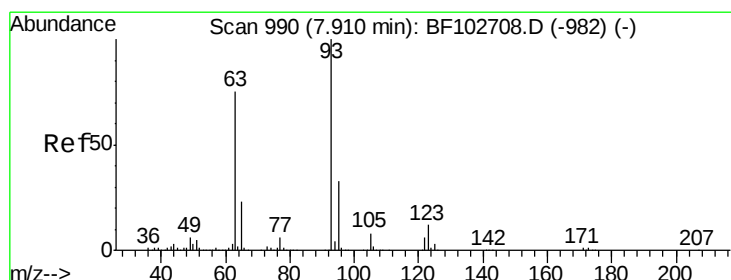
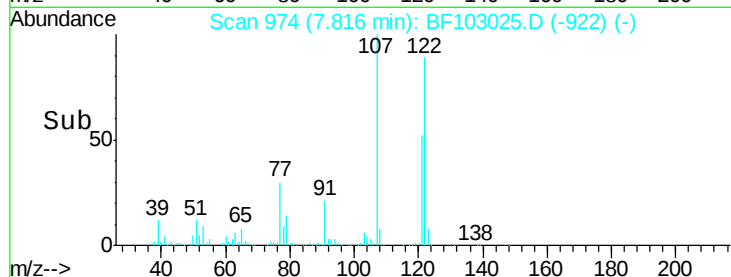
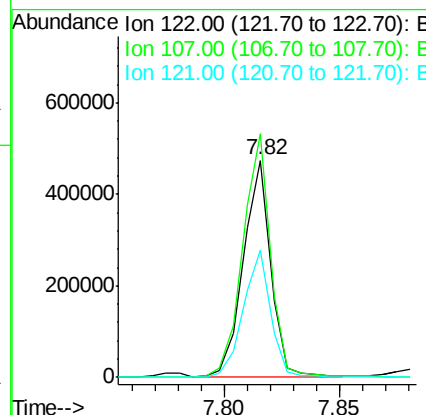
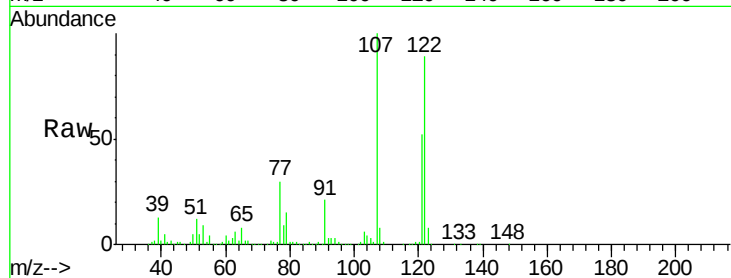




#27
 2,4-Dimethylphenol
 Concen: 41.87 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

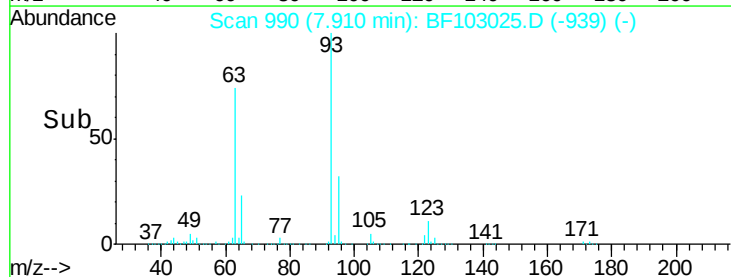
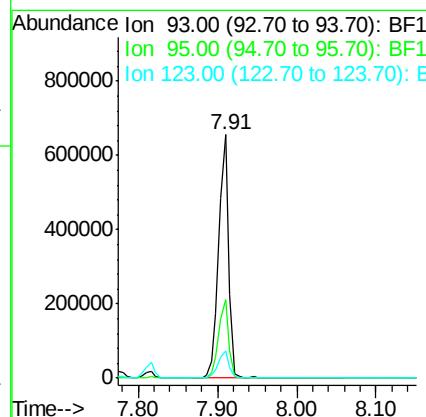
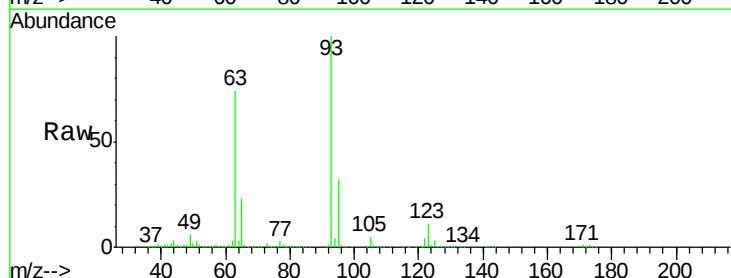
Instrument :
 BNA_F
 ClientSampleId :

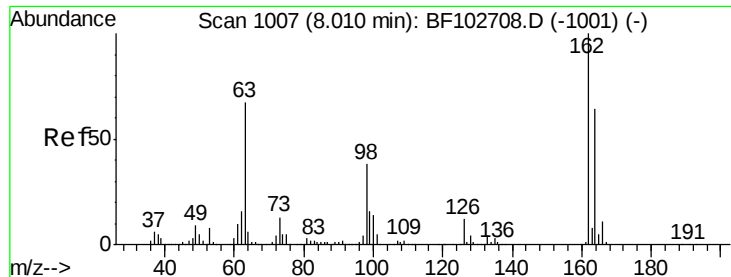
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.2	136.8
121	58.4	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.25 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.3	9.8	14.6

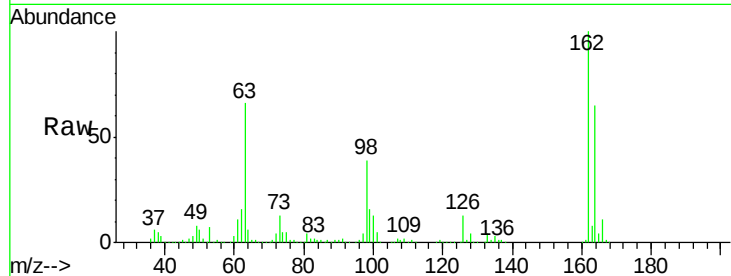




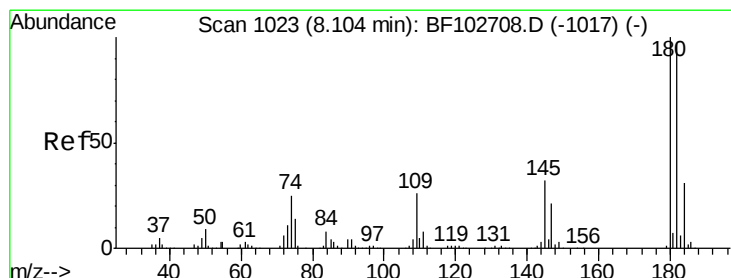
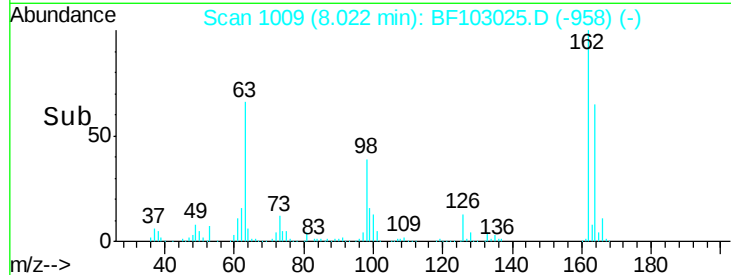
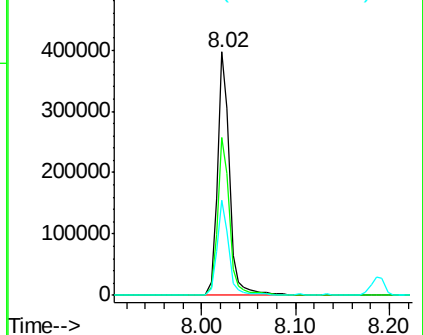
#29
 2,4-Dichlorophenol
 Concen: 42.74 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 362044
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.7 82.7
 98 38.9 18.1 58.1

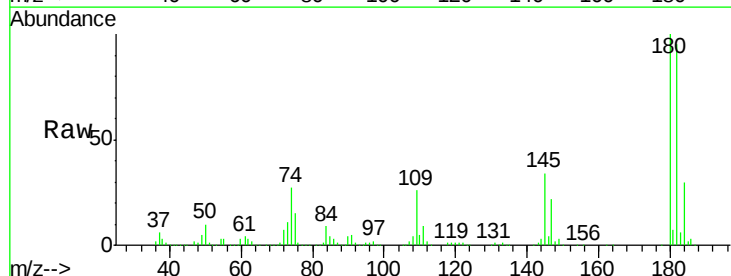


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

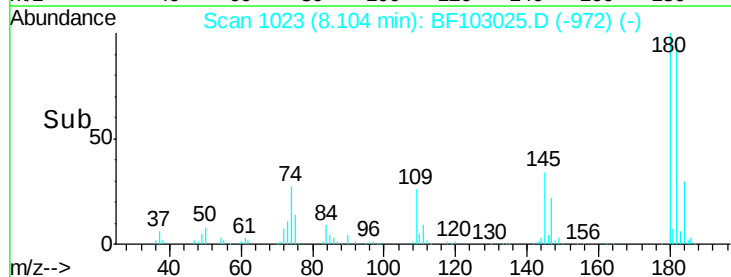
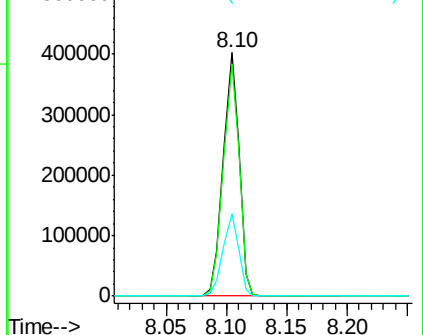


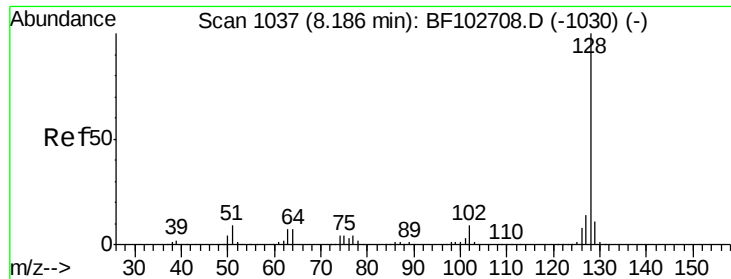
#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

Tgt Ion:180 Resp: 369975
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.8 115.2
 145 33.6 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

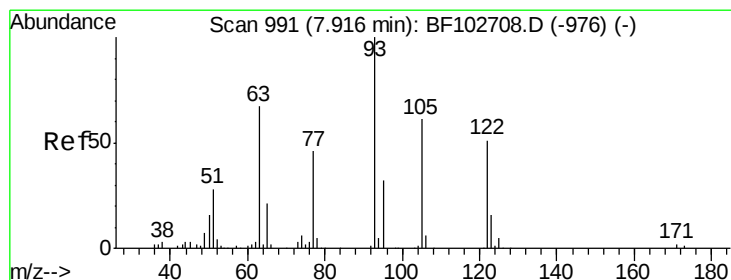
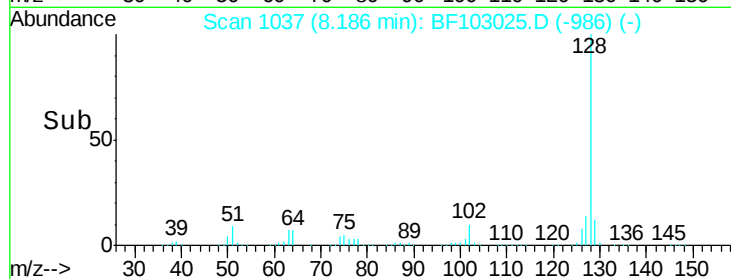
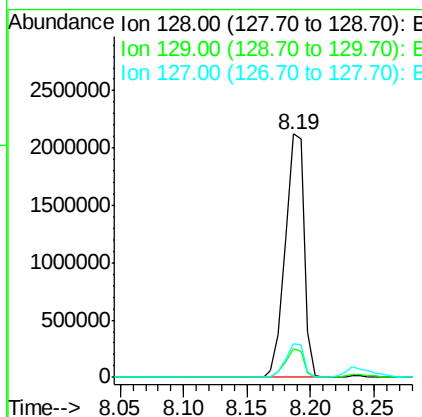
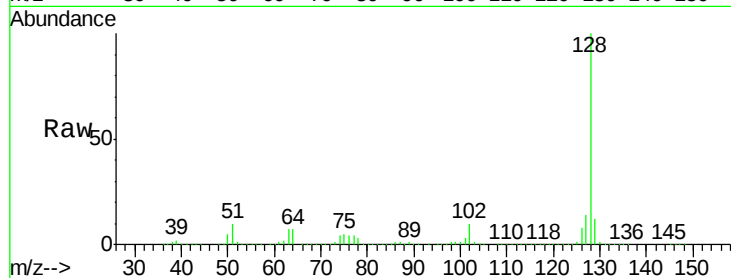




#31
Naphthalene
Concen: 68.40 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

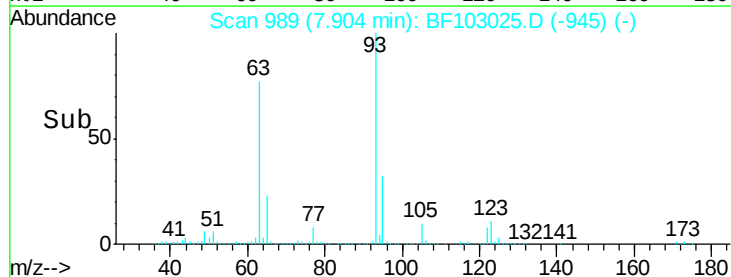
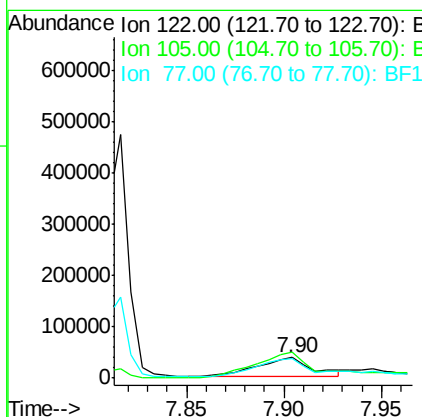
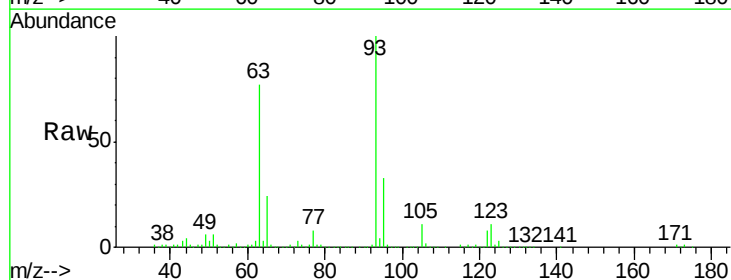
Instrument :
BNA_F
ClientSampled :

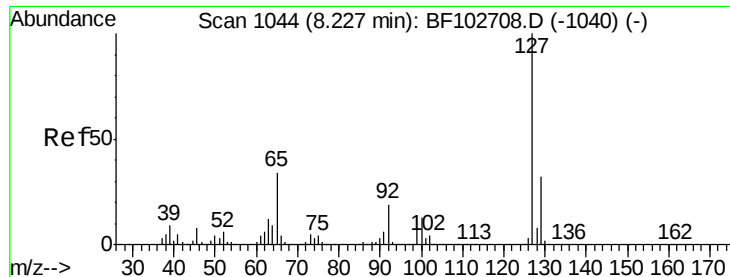
Tot Ion:128 Resp: 2220627
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 18.38 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:122 Resp: 69750
Ion Ratio Lower Upper
122 100
105 128.5 101.1 141.1
77 96.3 70.7 110.7

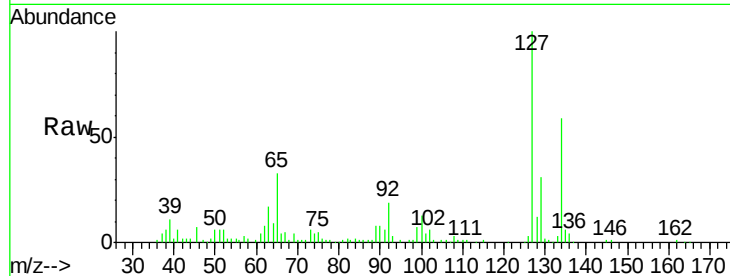




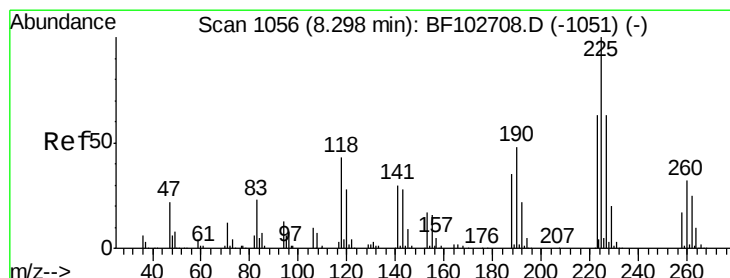
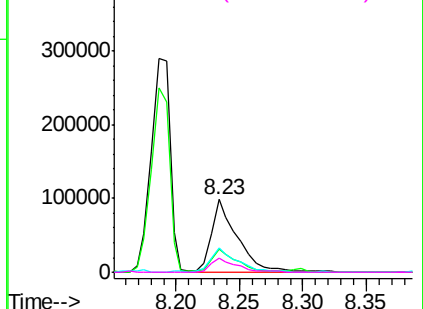
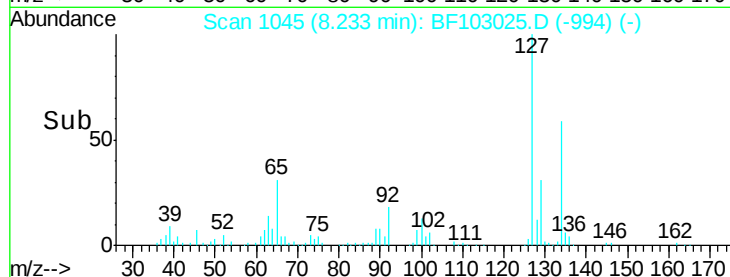
#33
4-Chloroaniline
Concen: 9.89 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	138374
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	33.4	25.0	37.4
92	18.8	15.2	22.8

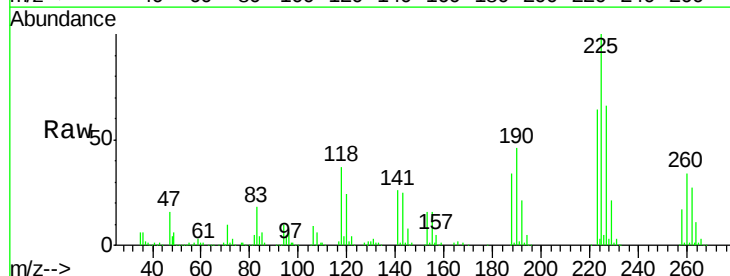


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

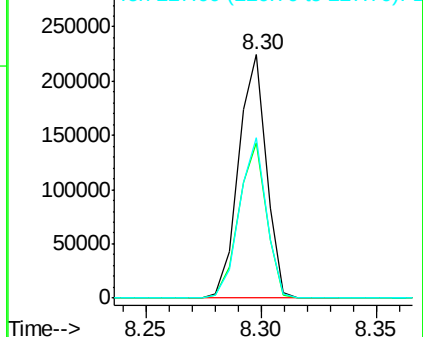
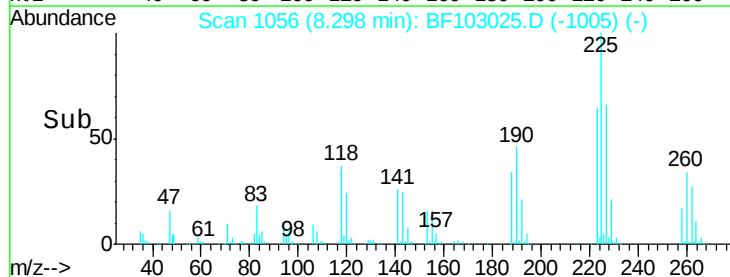


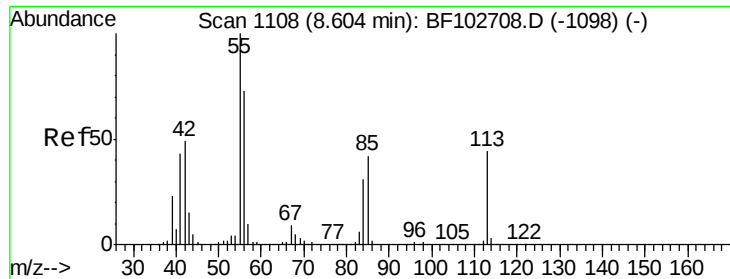
#34
Hexachlorobutadiene
Concen: 38.43 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:	225	Resp:	188725
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	65.6	51.9	77.9



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





#35

Caprolactam

Concen: 41.41 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

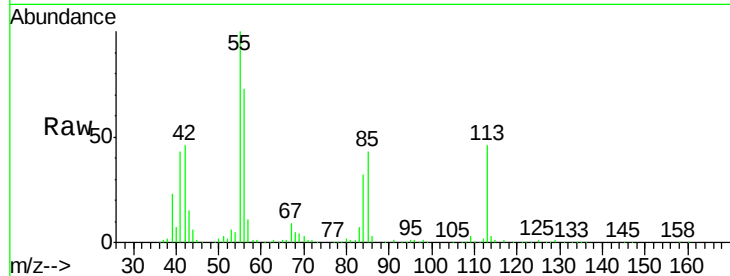
Tot Ion:113 Resp: 121814

Ion Ratio Lower Upper

113 100

55 217.1 163.3 203.3#

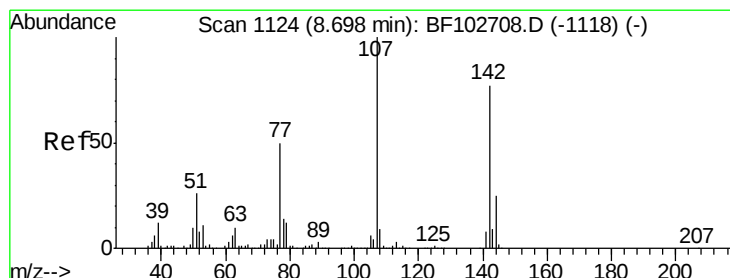
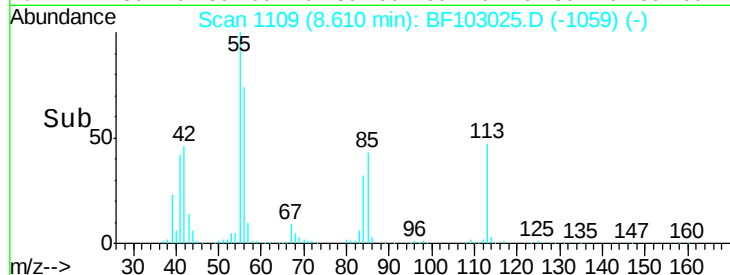
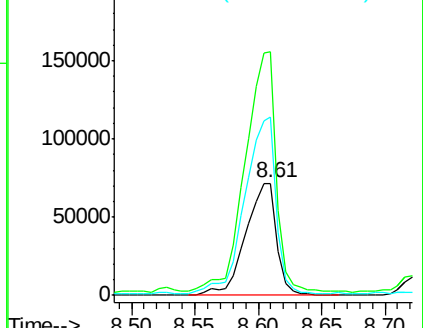
56 159.4 115.7 155.7#



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: 40.52 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

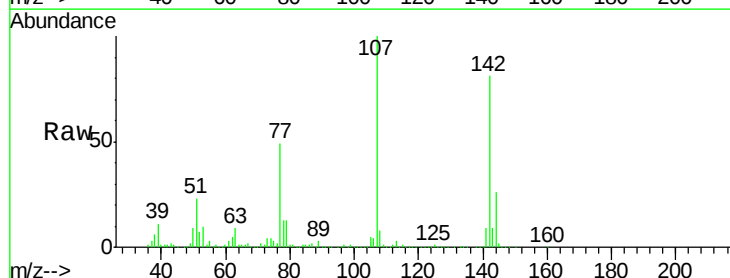
Tgt Ion:107 Resp: 385689

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

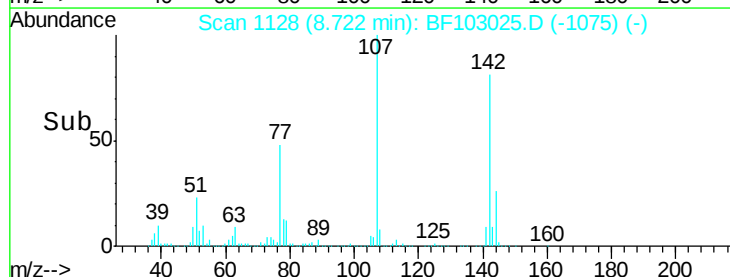
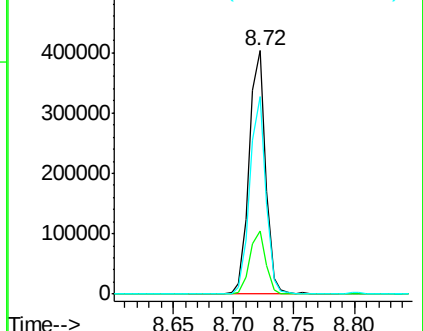
142 81.1 62.0 93.0

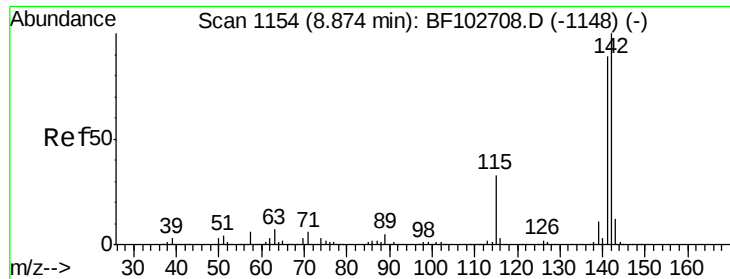


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

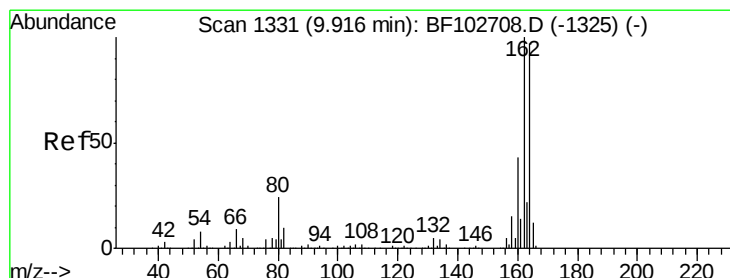
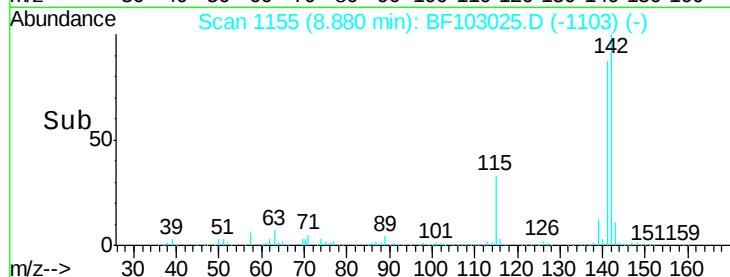
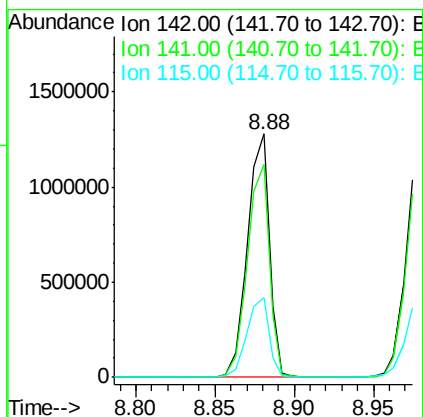
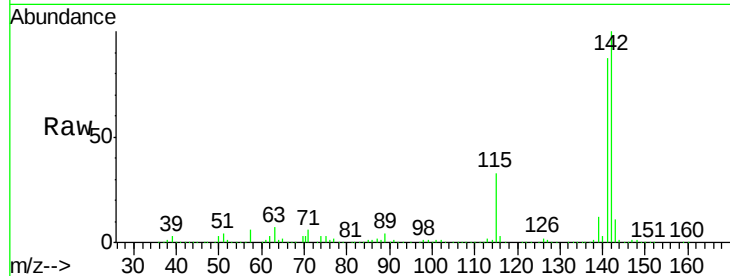




#37
2-Methylnaphthalene
Concen: 57.77 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

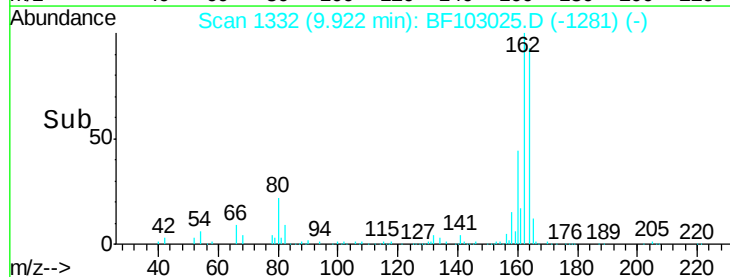
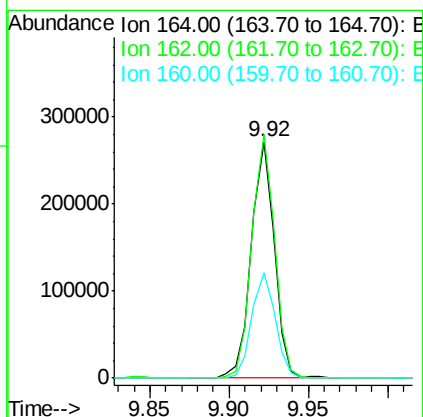
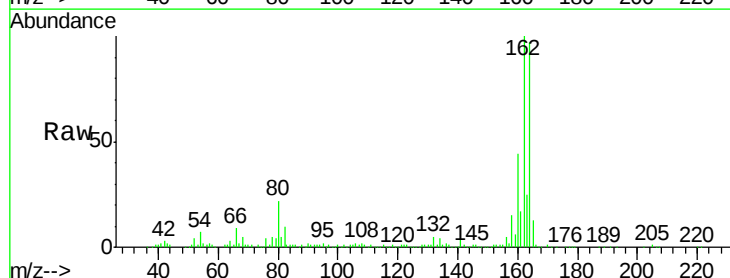
Instrument :
BNA_F
ClientSampleId :

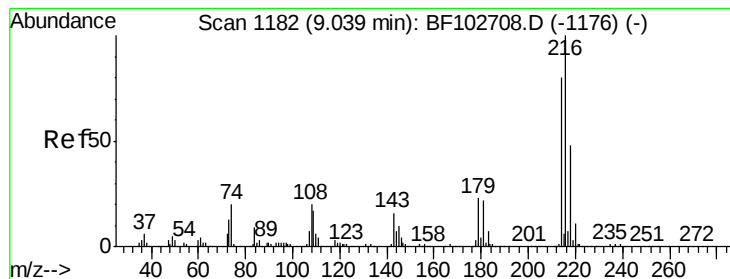
Tot Ion:142 Resp: 1227980
Ion Ratio Lower Upper
142 100
141 87.5 70.8 106.2
115 32.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:164 Resp: 276268
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 44.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.64 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 313254

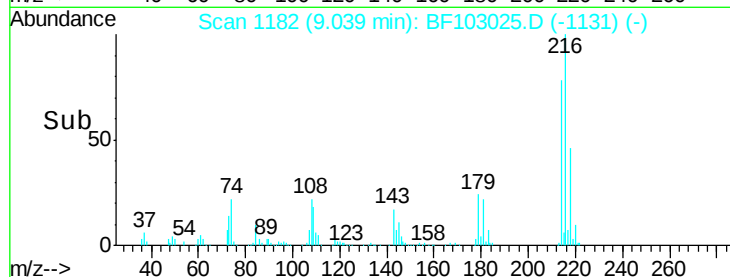
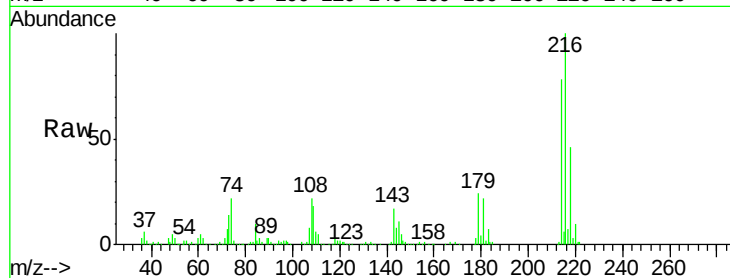
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 23.2 18.1 27.1

108 21.1 17.2 25.8

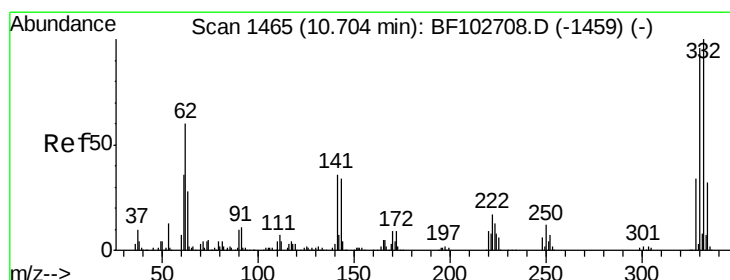
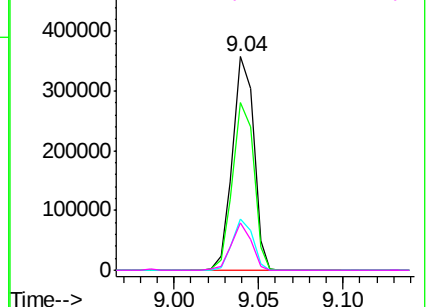


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 94.21 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

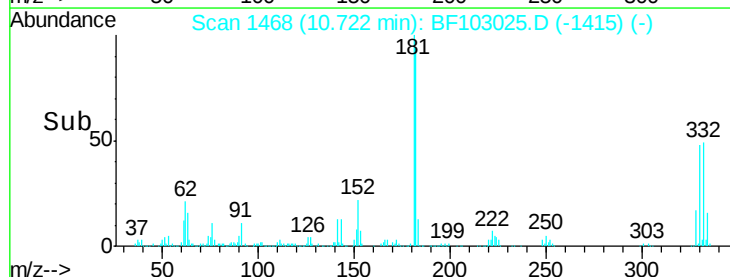
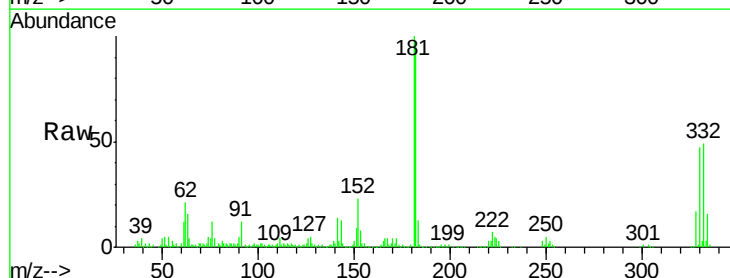
Tgt Ion:330 Resp: 209479

Ion Ratio Lower Upper

330 100

332 102.8 77.0 115.6

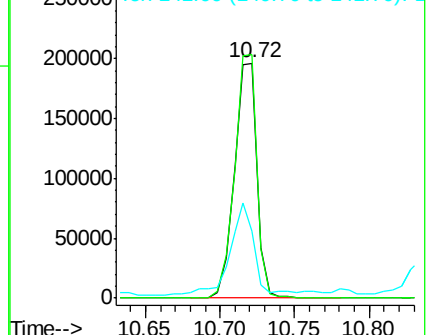
141 42.0 29.9 44.9

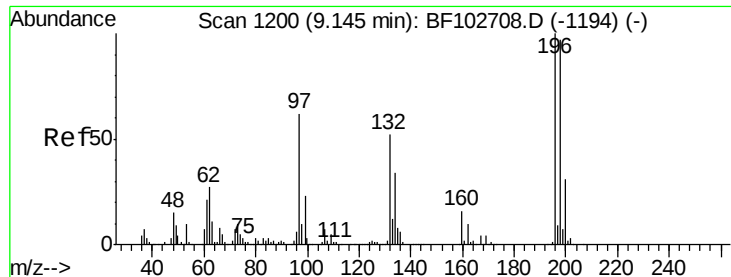


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 43.63 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampled :

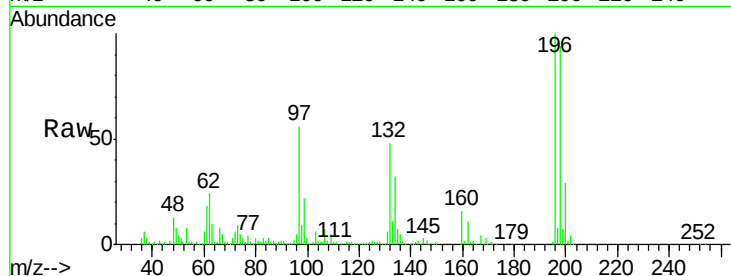
Tot Ion:196 Resp: 215555

Ion Ratio Lower Upper

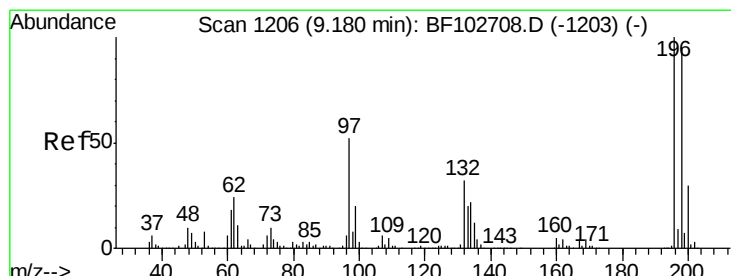
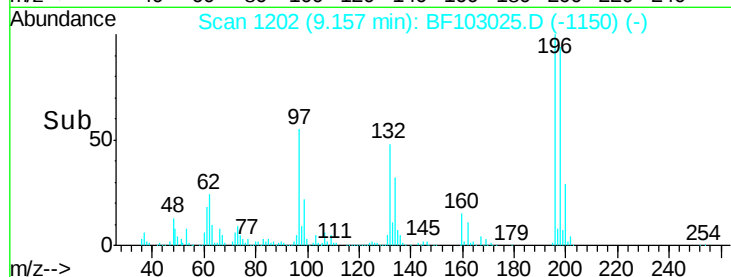
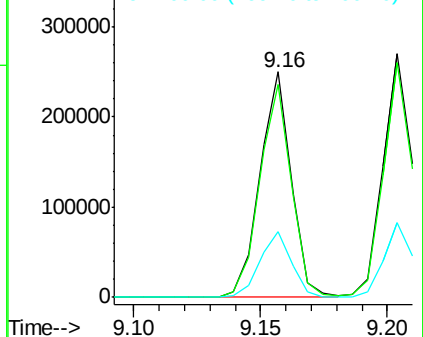
196 100

198 94.1 75.7 113.5

200 29.1 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: 39.50 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Tgt Ion:196 Resp: 219972

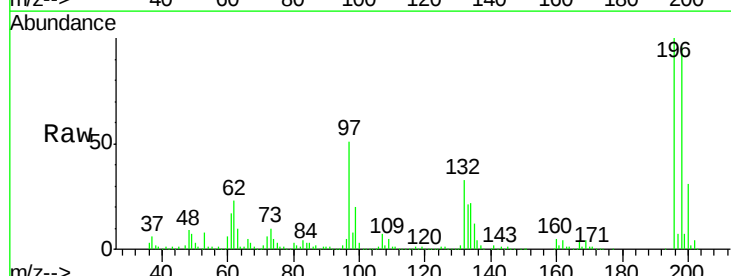
Ion Ratio Lower Upper

196 100

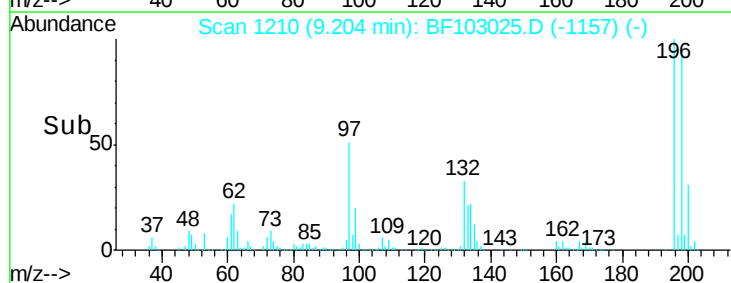
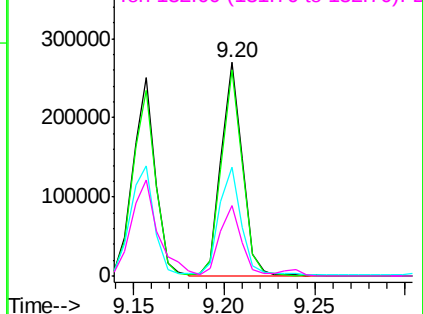
198 96.3 74.6 112.0

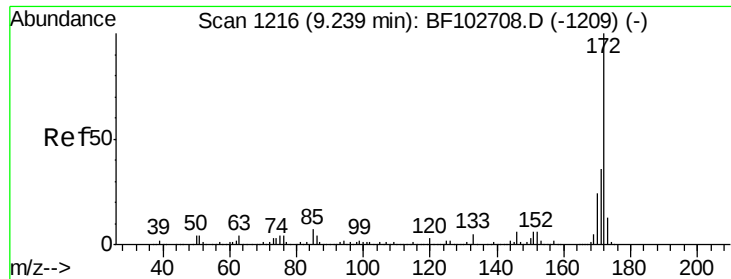
97 50.9 42.9 64.3

132 33.2 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: 85.14 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

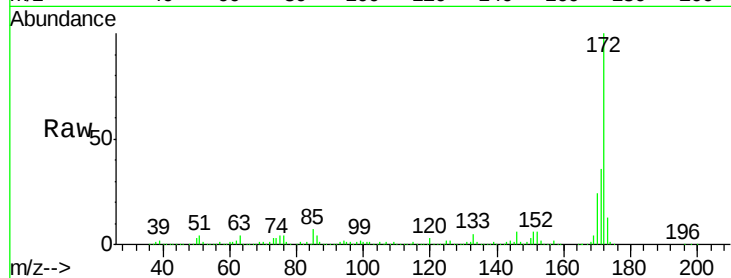
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1417530

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4

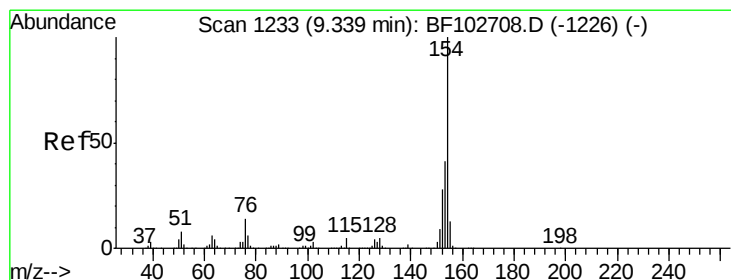
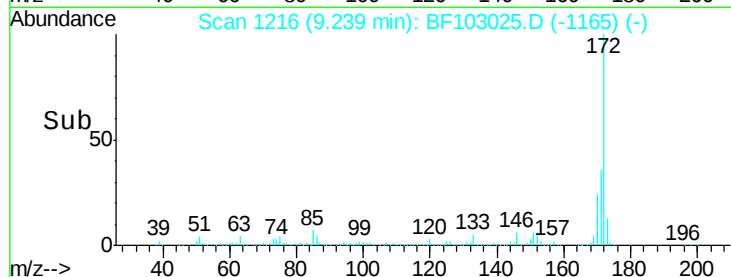
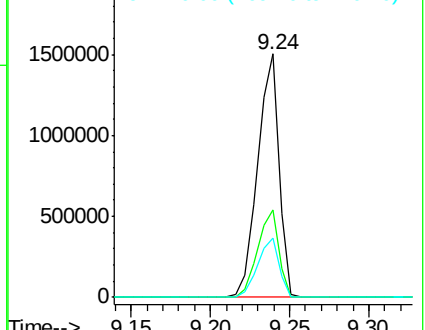


Abundance

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: 45.87 ng

RT: 9.34 min Scan# 1233

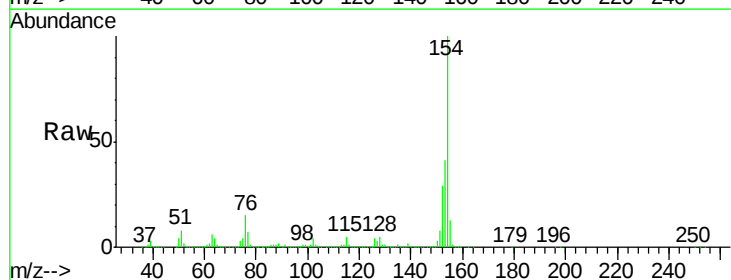
Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Tgt Ion:154 Resp: 1067272

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	14.5	0.0	34.0

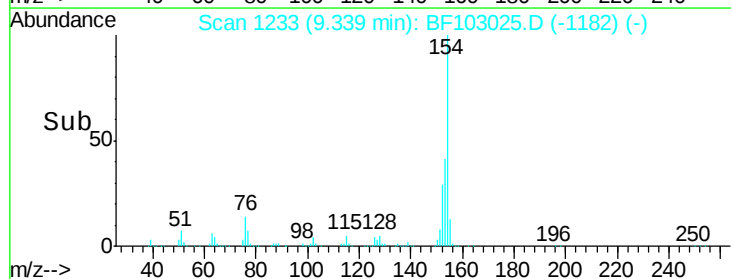
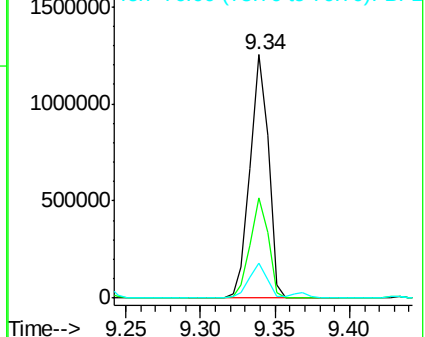


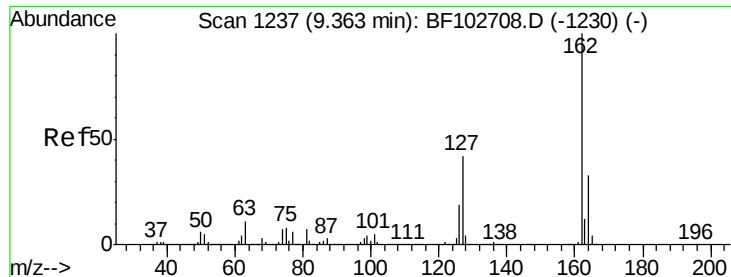
Abundance

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

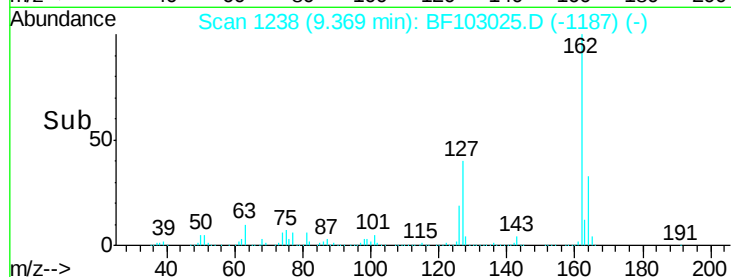
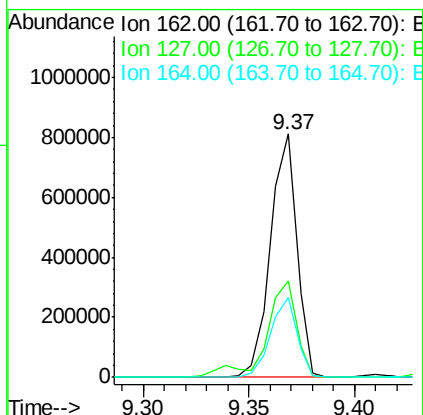
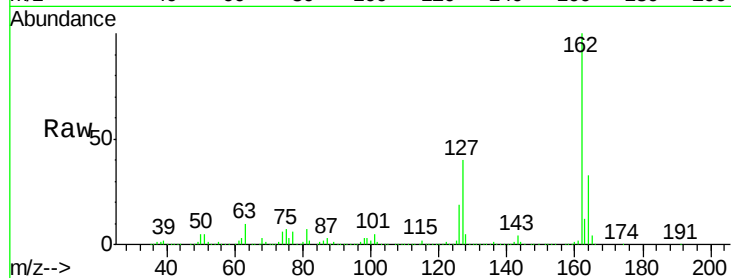




#46
2-Chloronaphthalene
Concen: 38.81 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

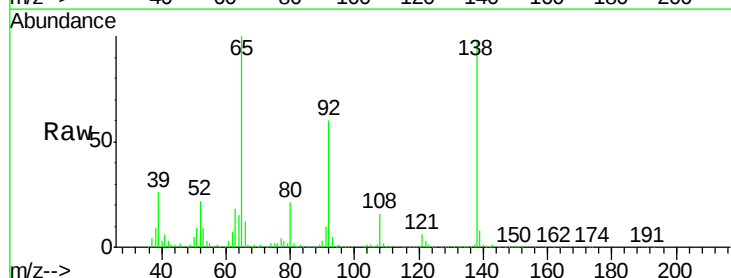
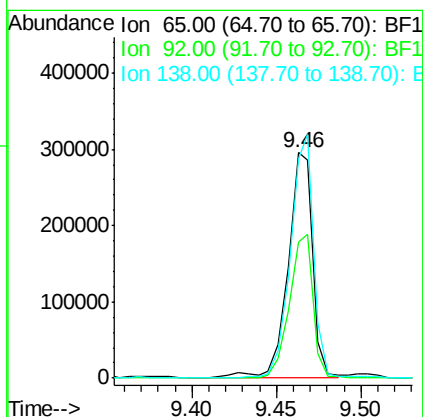
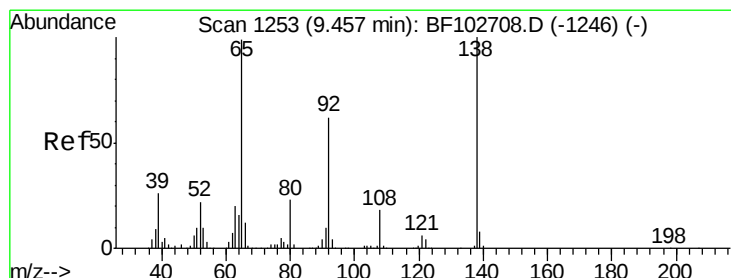
Instrument :
BNA_F
ClientSampled :

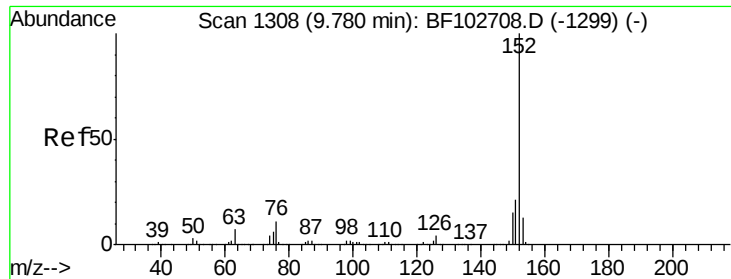
Tot Ion:162 Resp: 710942
Ion Ratio Lower Upper
162 100
127 39.8 33.9 50.9
164 32.9 26.5 39.7



#47
2-Nitroaniline
Concen: 52.53 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion: 65 Resp: 298964
Ion Ratio Lower Upper
65 100
92 60.5 55.8 83.6
138 97.5 91.2 136.8





#48

Acenaphthylene

Concen: 38.64 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

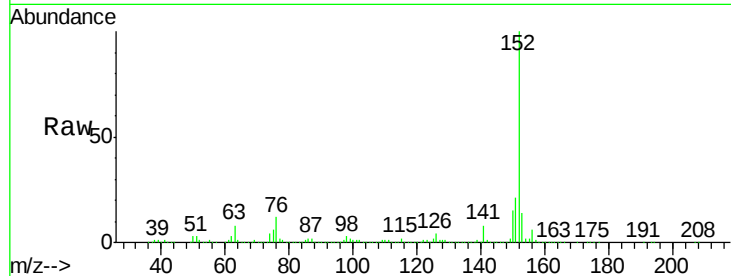
Tot Ion:152 Resp: 1099510

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

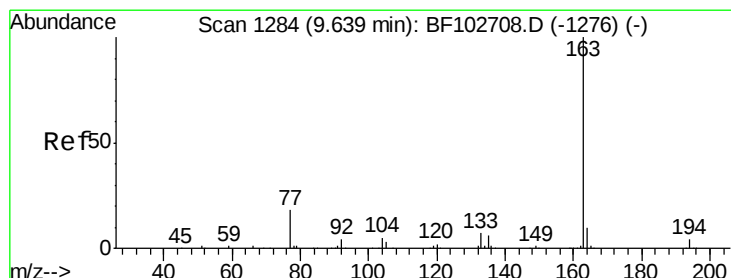
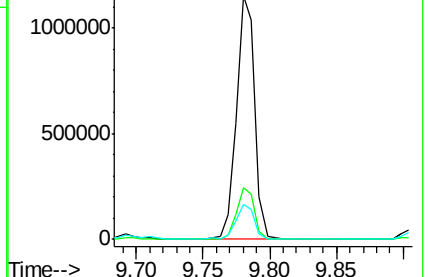
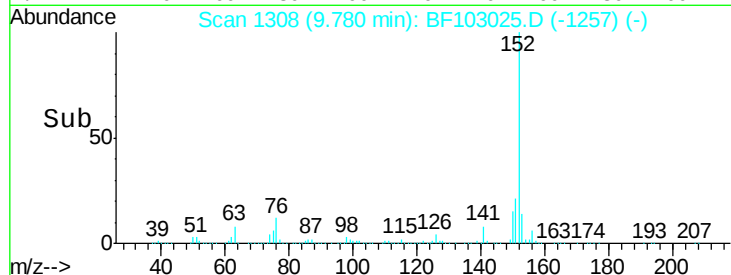
153 14.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.09 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

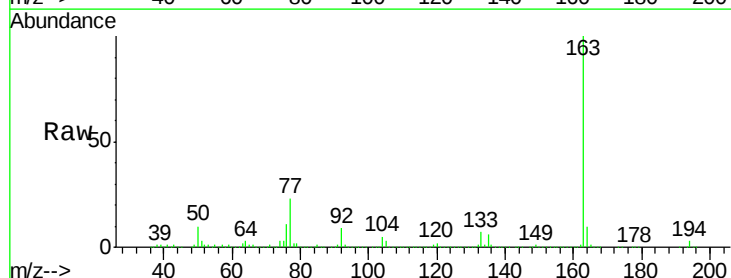
Tgt Ion:163 Resp: 949772

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

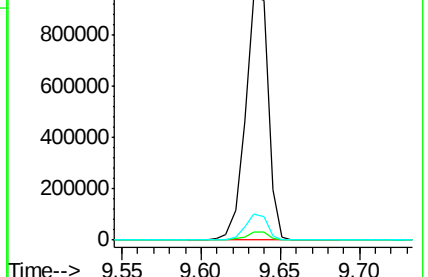
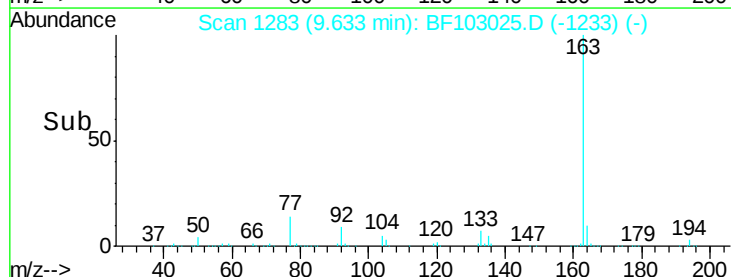
164 10.5 8.2 12.2

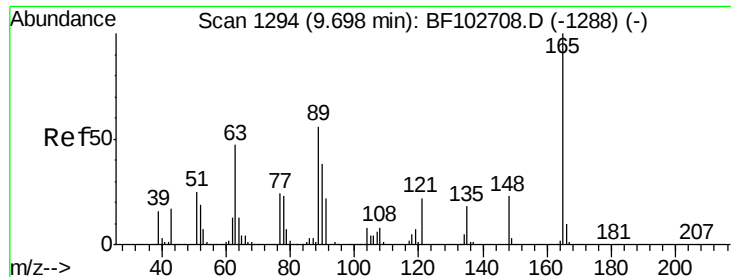


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

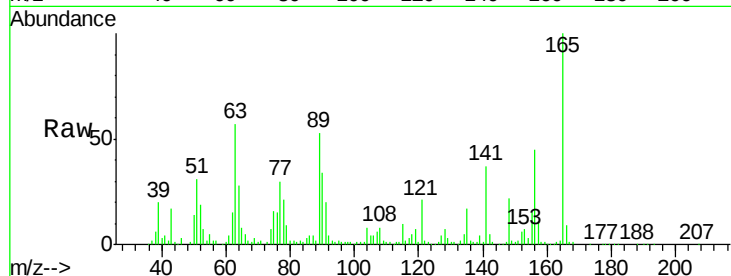




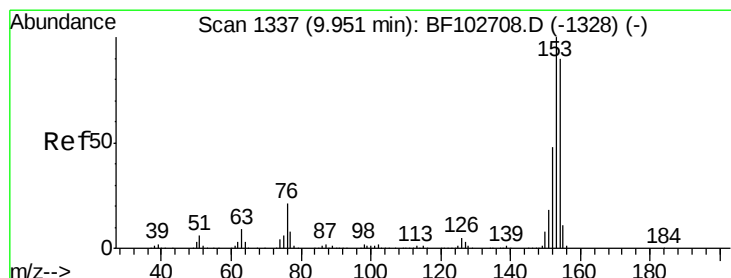
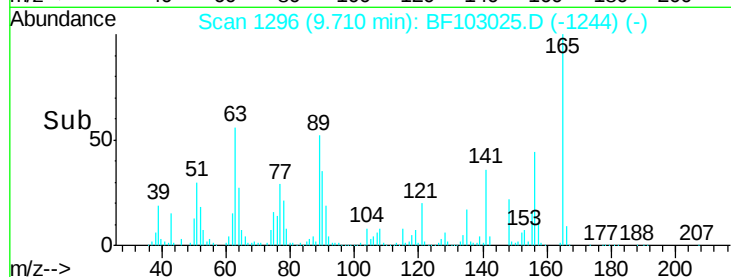
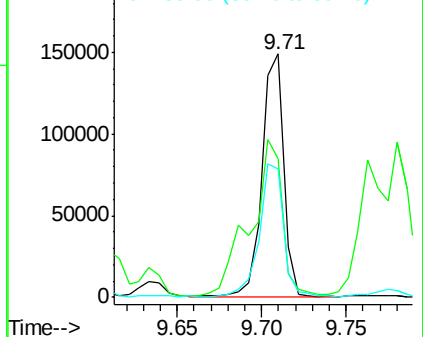
#50
2,6-Dinitrotoluene
Concen: 32.42 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 132864
Ion Ratio Lower Upper
165 100
63 56.9 44.7 67.1
89 52.6 44.0 66.0

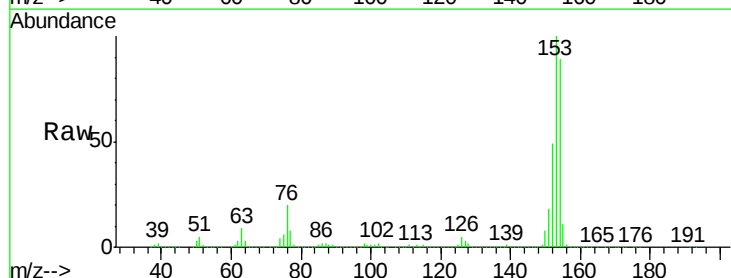


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

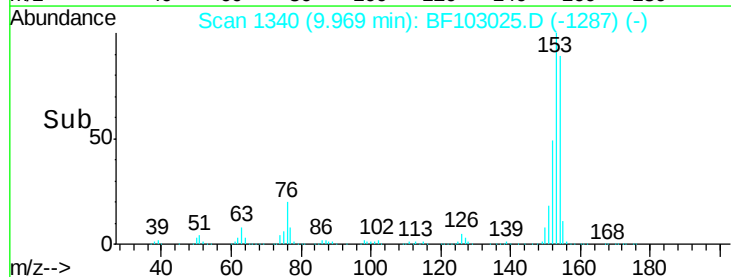
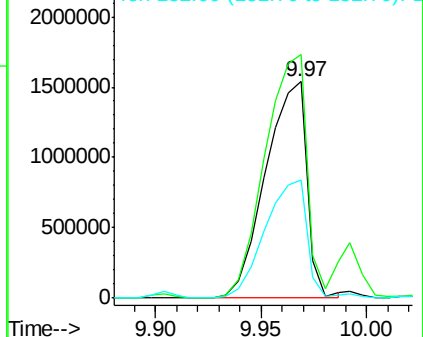


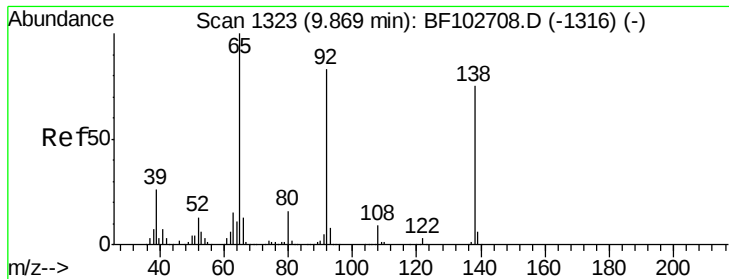
#51
Acenaphthene
Concen: 122.65 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:154 Resp: 2086950
Ion Ratio Lower Upper
154 100
153 112.6 91.2 136.8
152 54.9 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: 38.64 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

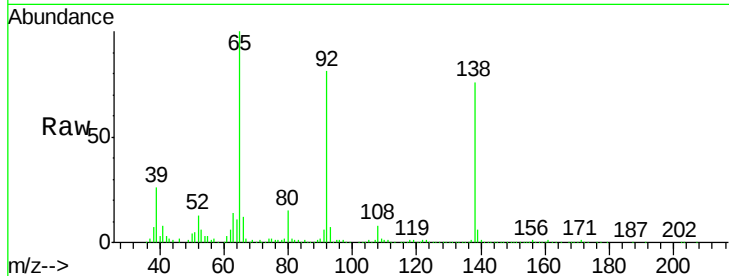
Tot Ion:138 Resp: 194843

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

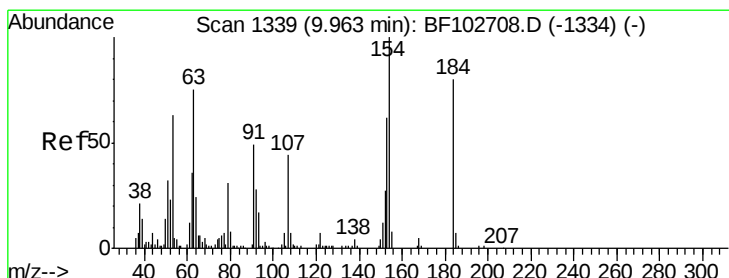
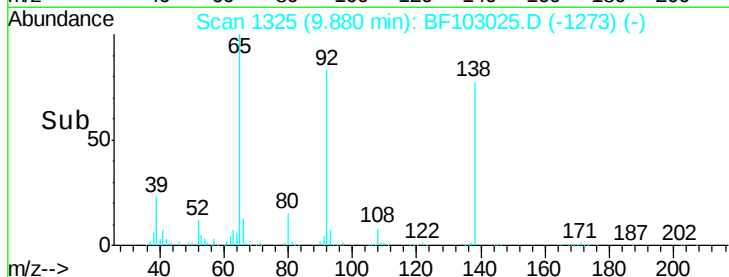
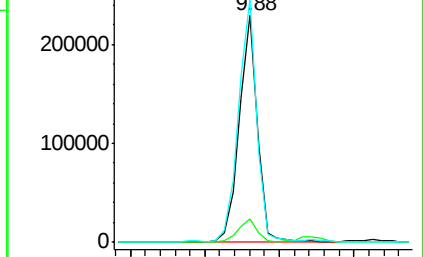
92 107.5 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 11.16 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

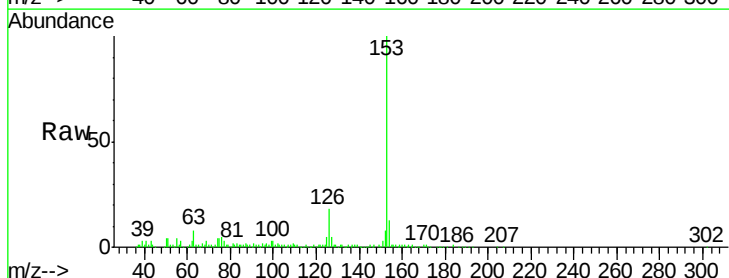
Tgt Ion:184 Resp: 2389

Ion Ratio Lower Upper

184 100

63 614.4 54.2 81.2#

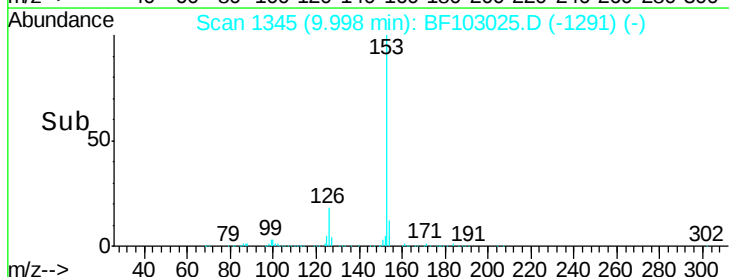
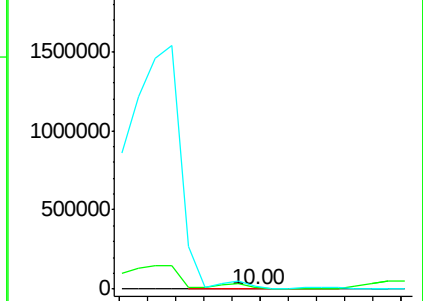
154 1041.0 184.0 276.0#

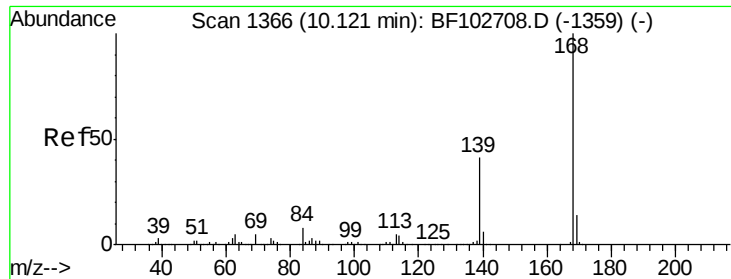


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 104.62 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

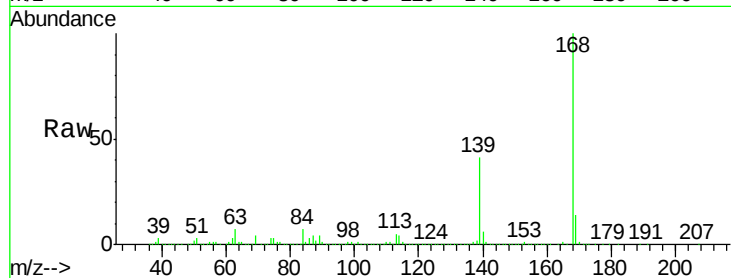
Tot Ion:168 Resp: 2508700

Ion Ratio Lower Upper

168 100

139 41.1 30.1 45.1

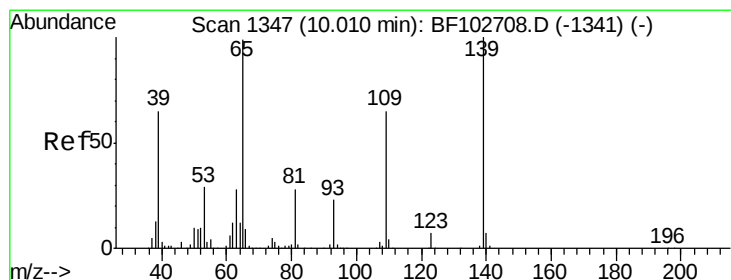
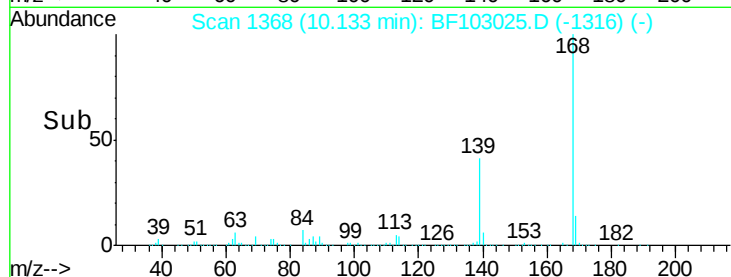
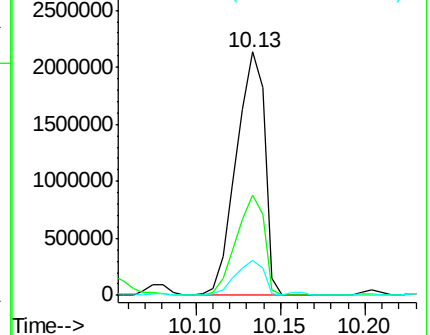
169 14.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 66.27 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

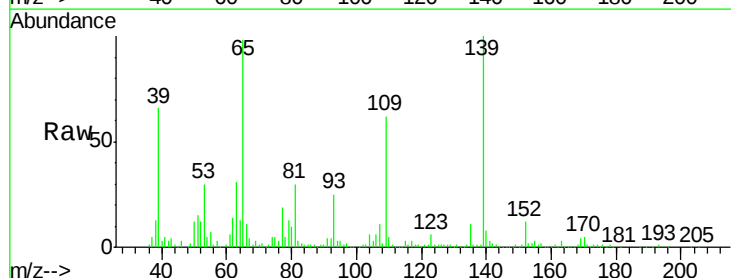
Tgt Ion:139 Resp: 271625

Ion Ratio Lower Upper

139 100

109 61.7 48.4 88.4

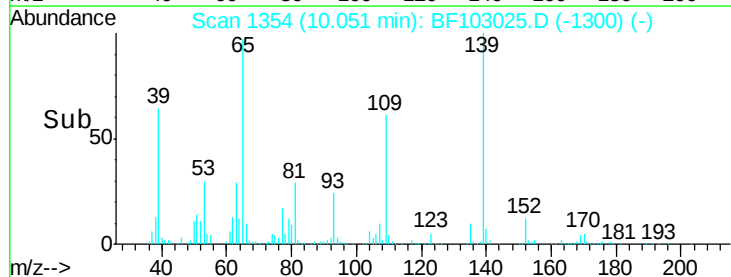
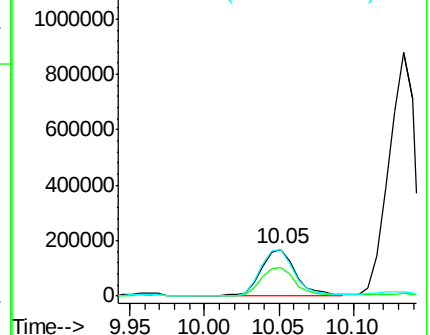
65 97.6 72.6 112.6

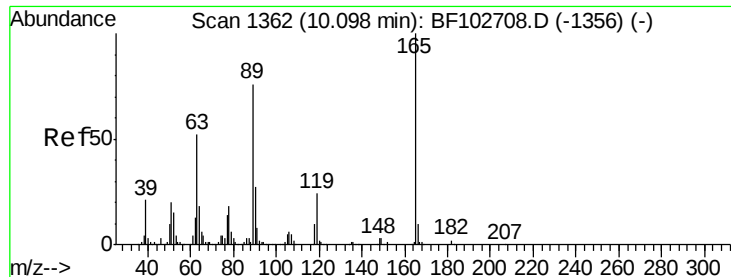


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

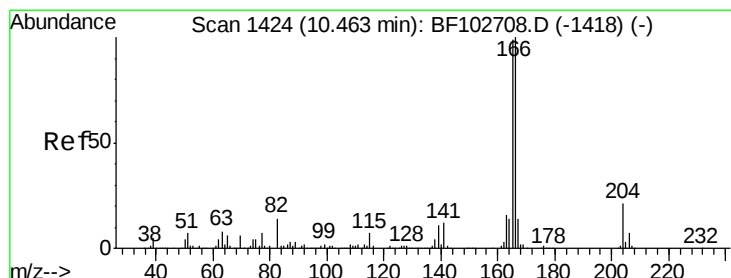
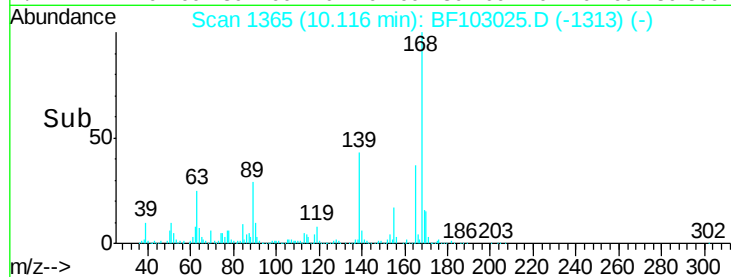
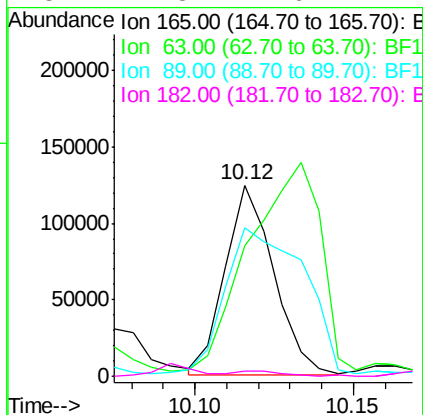
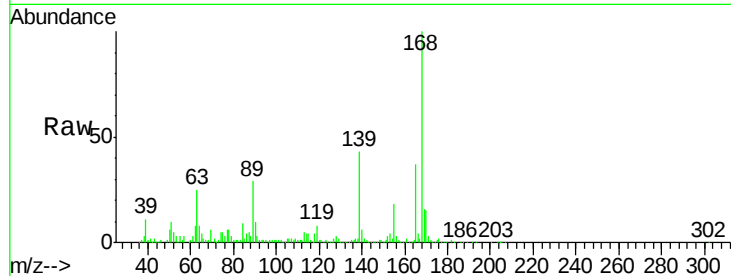




#56
2,4-Dinitrotoluene
Concen: 25.53 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

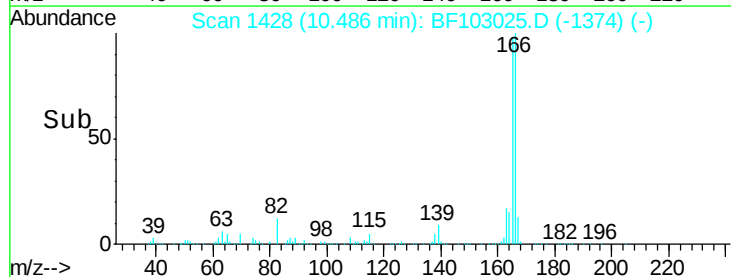
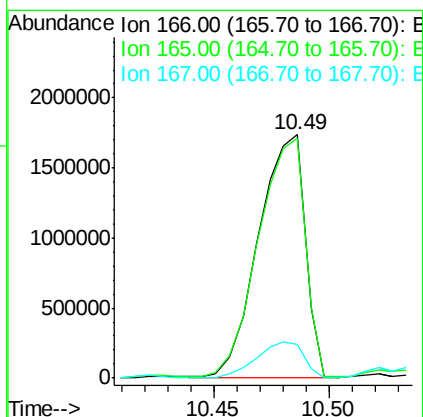
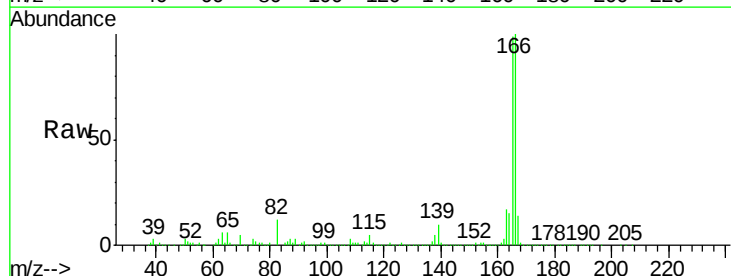
Instrument :
BNA_F
ClientSampleId :

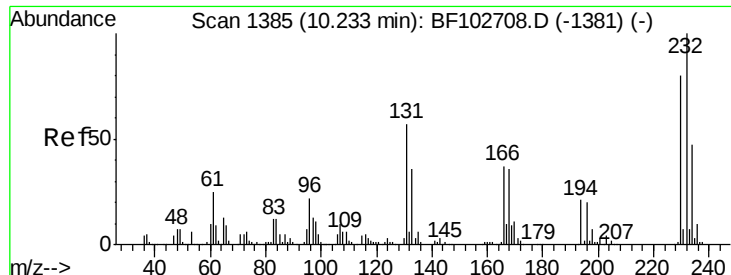
Tot Ion:165 Resp: 131853
Ion Ratio Lower Upper
165 100
63 68.1 36.4 54.6#
89 77.8 57.8 86.6
182 2.8 1.6 2.4#



#57
Fluorene
Concen: 138.55 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:166 Resp: 2417282
Ion Ratio Lower Upper
166 100
165 98.6 79.8 119.8
167 13.6 10.6 16.0

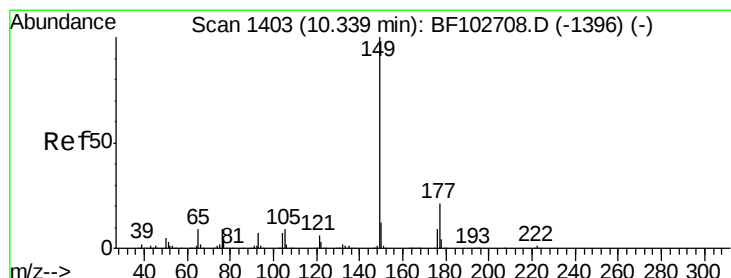
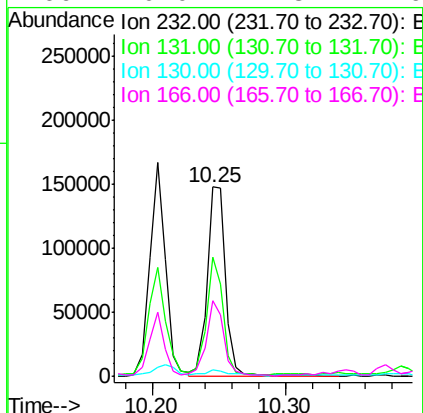
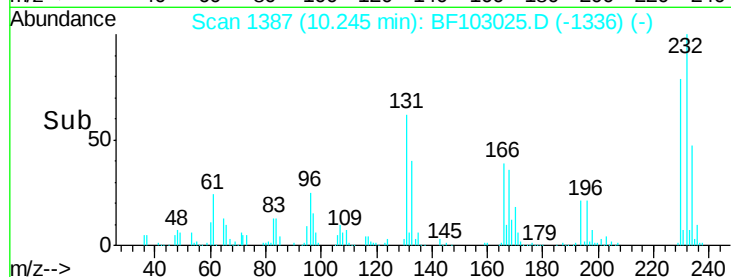
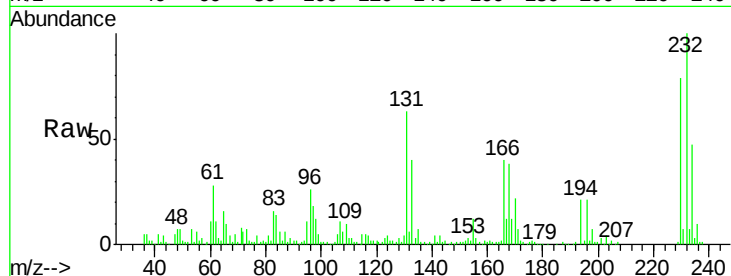




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.87 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

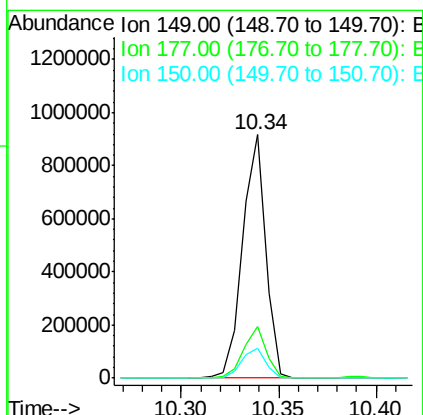
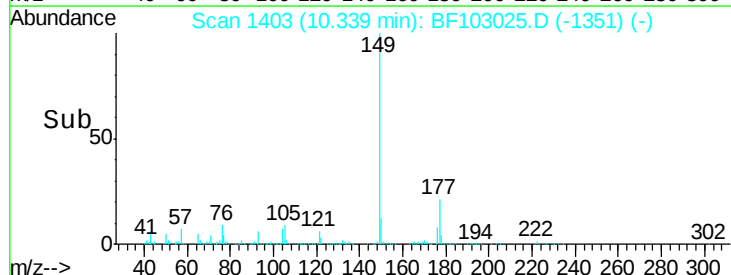
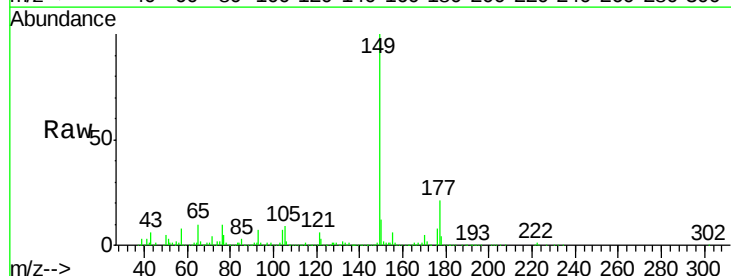
Instrument :
 BNA_F
 ClientSampleId :

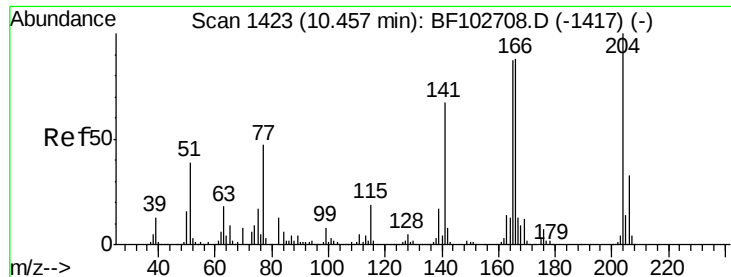
Tot Ion:232 Resp: 142317
 Ion Ratio Lower Upper
 232 100
 131 54.2 43.8 65.8
 130 4.7 2.1 3.1#
 166 0.0 27.8 41.6#



#59
 Diethylphthalate
 Concen: 35.26 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

Tgt Ion:149 Resp: 749919
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.1 24.1
 150 12.2 10.1 15.1

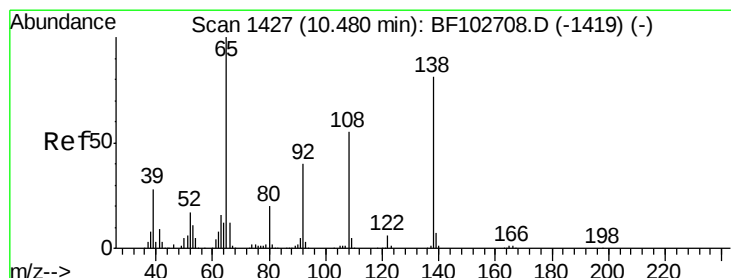
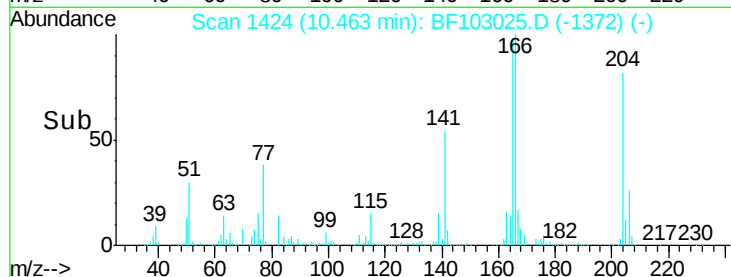
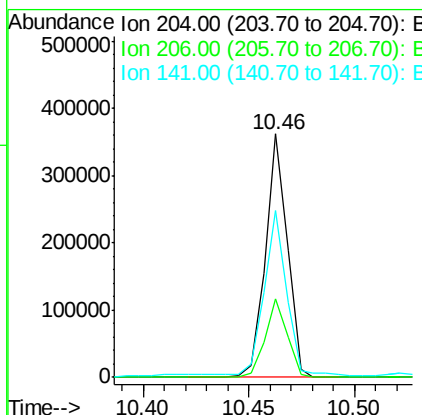
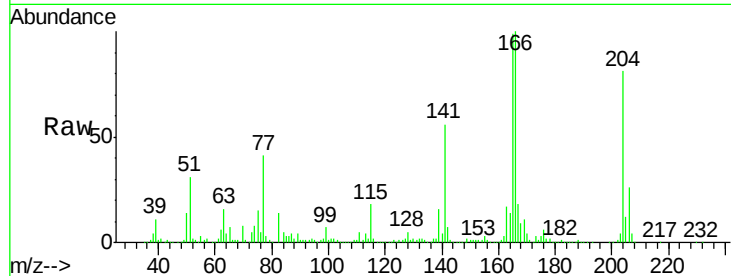




#60
 4-Chlorophenyl-phenylether
 Concen: 33.85 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

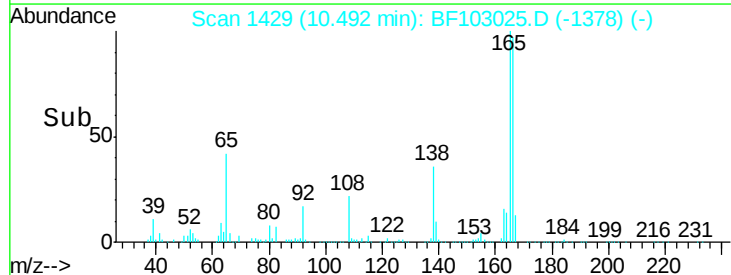
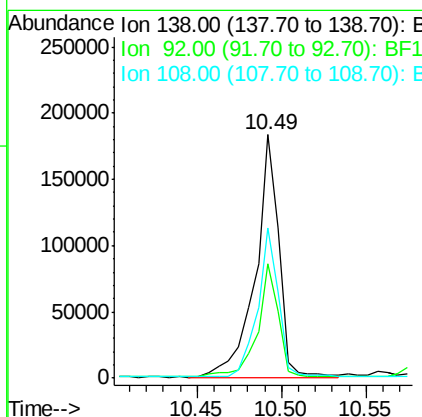
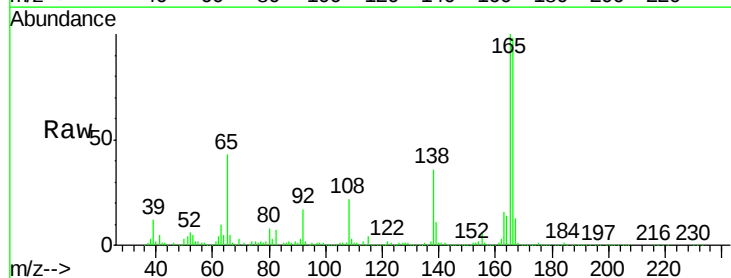
Instrument :
 BNA_F
 ClientSampled :

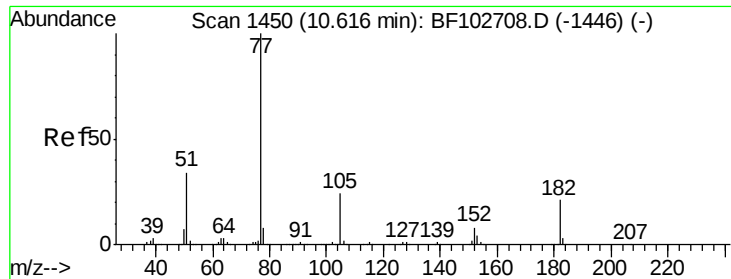
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	68.7	54.6	81.8



#61
 4-Nitroaniline
 Concen: 37.01 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	61.6	52.5	92.5





#62

Azobenzene

Concen: 31.31 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 665253

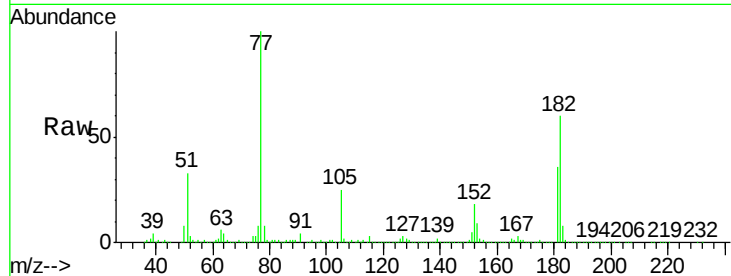
Ion Ratio Lower Upper

77 100

182 59.6 1.7 41.7#

105 24.6 3.0 43.0

51 32.7 9.9 49.9

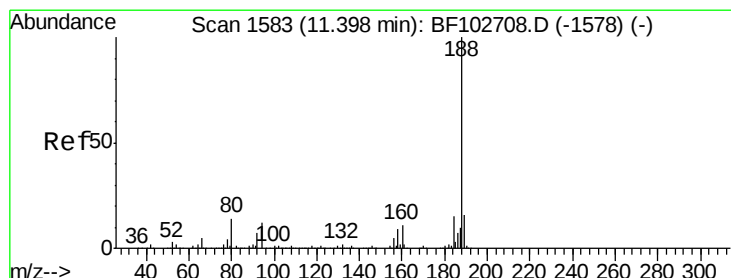
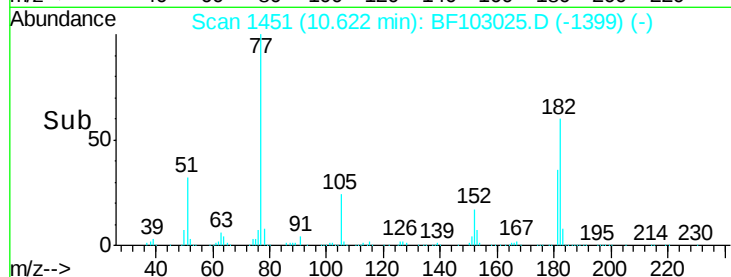
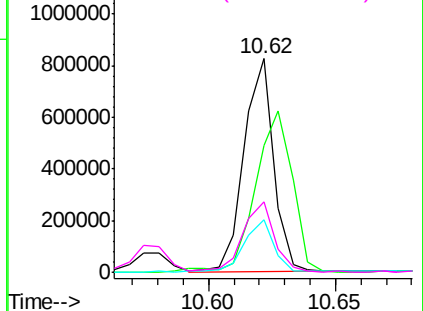


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

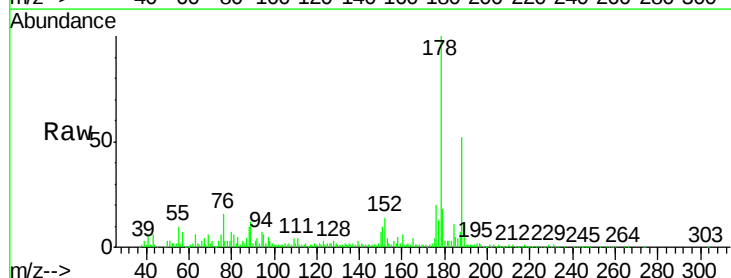
Tgt Ion: 188 Resp: 274516

Ion Ratio Lower Upper

188 100

94 12.7 8.5 12.7

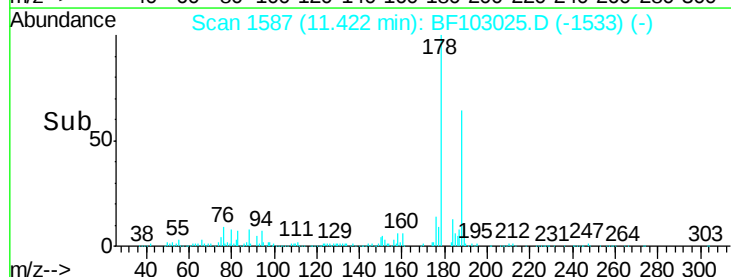
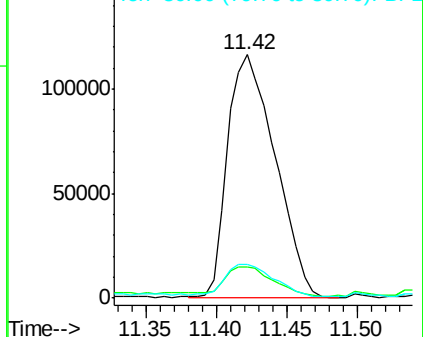
80 14.0 9.2 13.8#

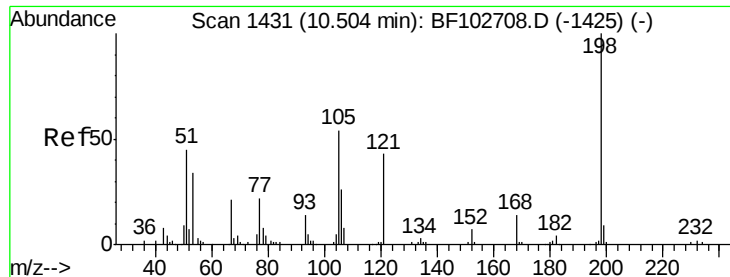


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

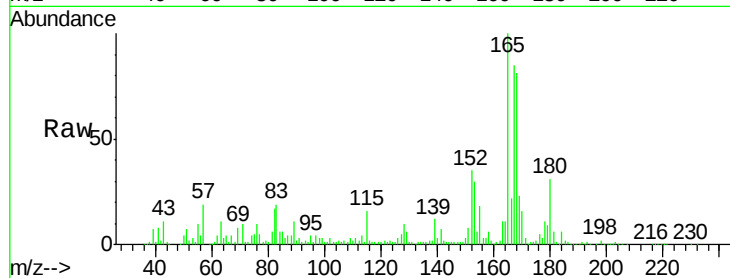




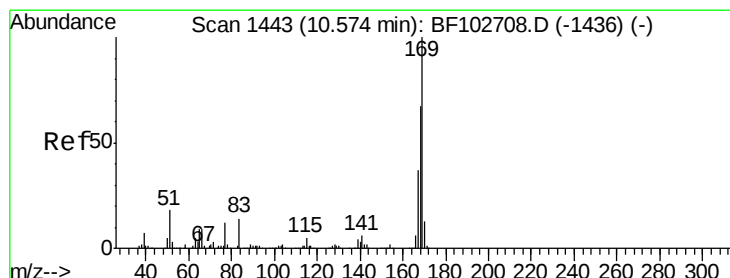
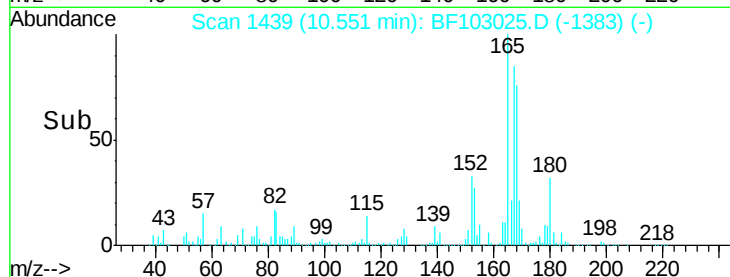
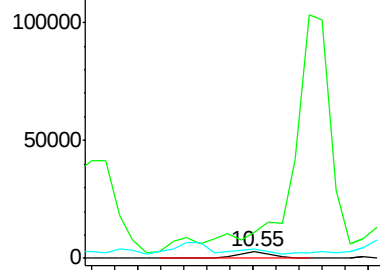
#64
4,6-Dinitro-2-methylphenol
Concen: 11.03 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.03 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	417.5	37.7	77.7#
105	139.7	36.3	76.3#

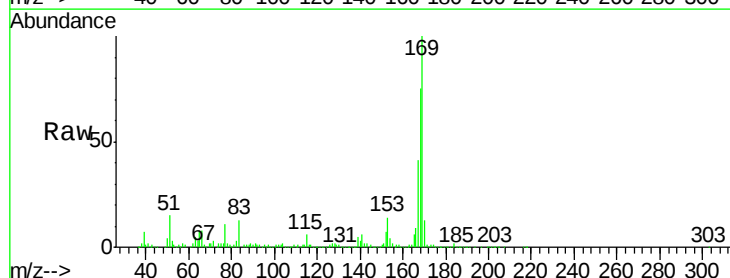


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

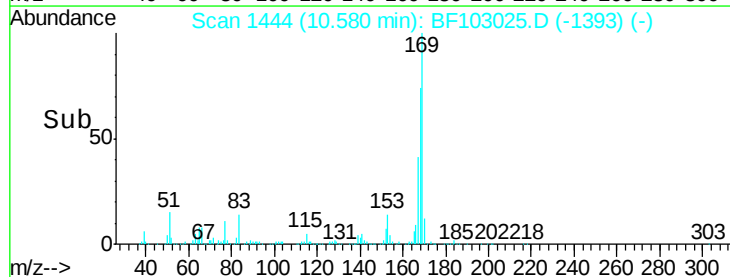
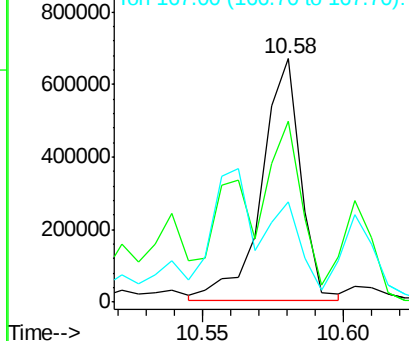


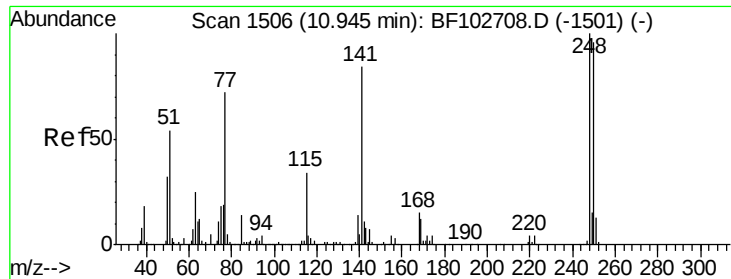
#65
n-Nitrosodiphenylamine
Concen: 66.72 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.5	54.4	81.6
167	41.0	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

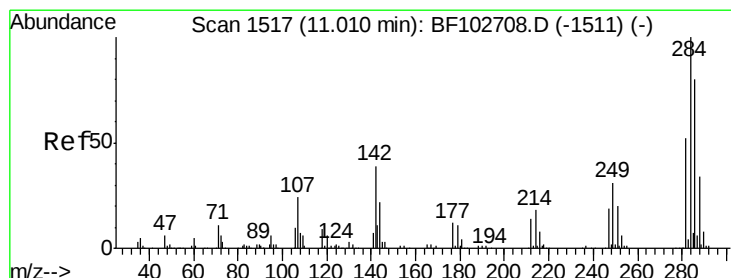
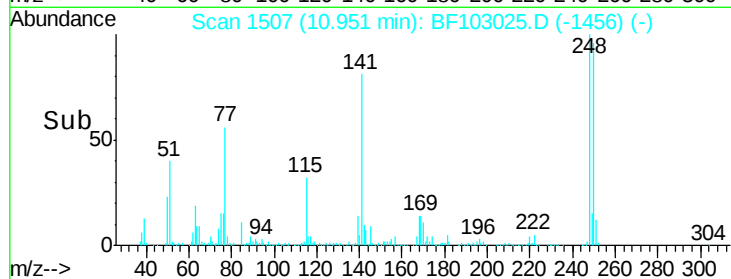
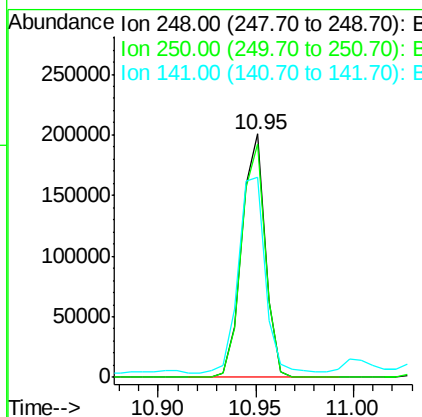
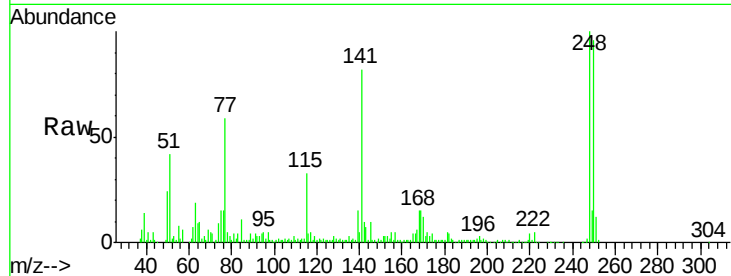




#66
 4-Bromophenyl-phenylether
 Concen: 57.47 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

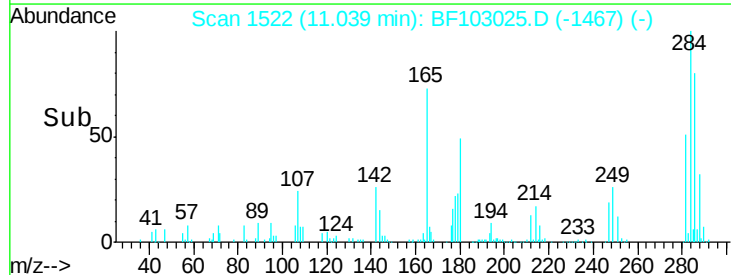
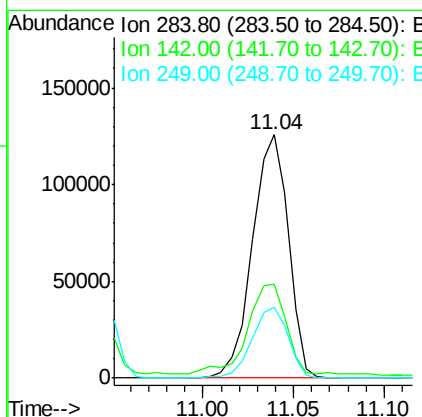
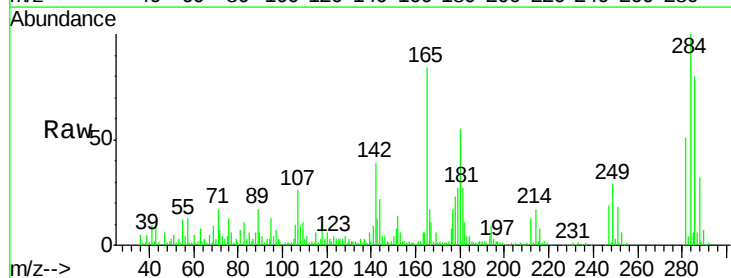
Instrument :
 BNA_F
 ClientSampleId :

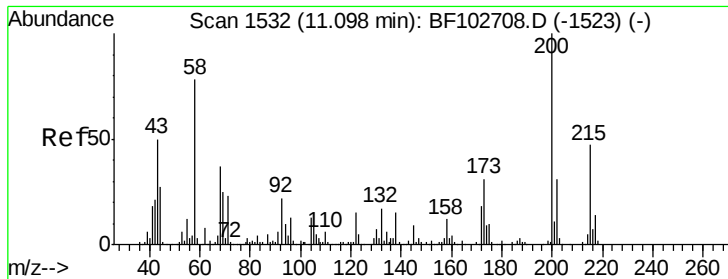
Tot Ion:248 Resp: 166900
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.9 115.3
 141 82.3 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 53.95 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.02 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

Tgt Ion:284 Resp: 172818
 Ion Ratio Lower Upper
 284 100
 142 38.7 34.6 52.0
 249 29.1 24.8 37.2

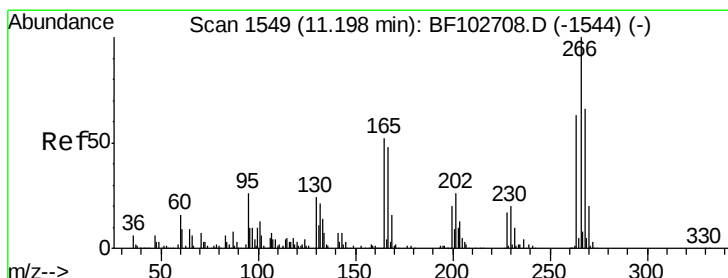
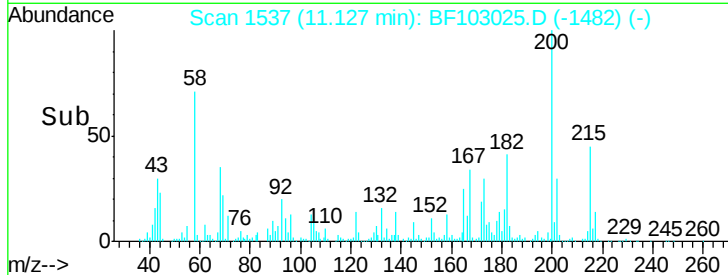
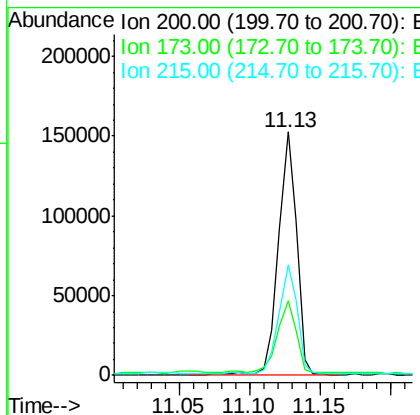
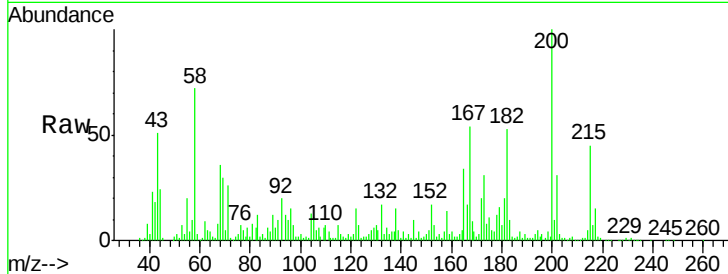




#68
 Atrazine
 Concen: 48.24 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.02 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

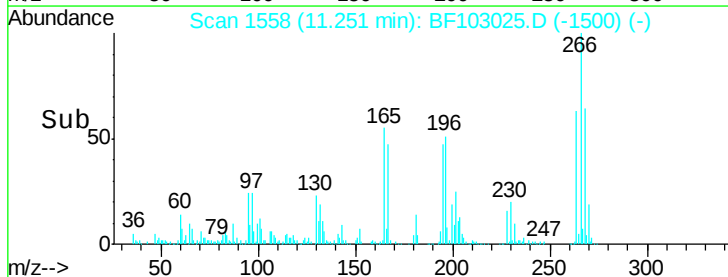
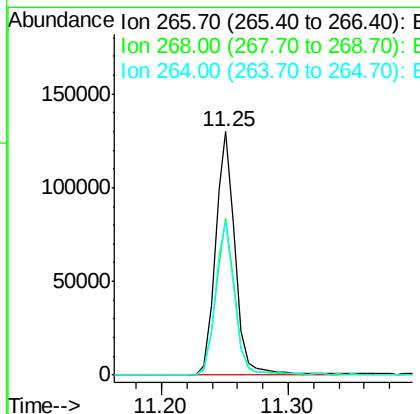
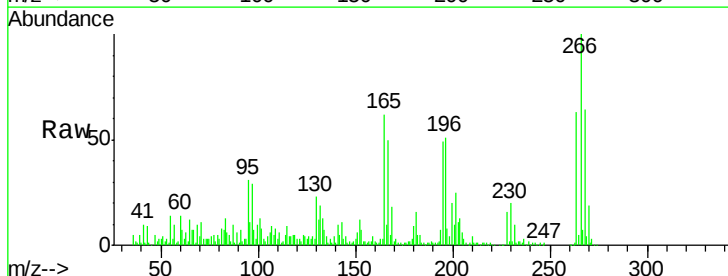
Instrument :
 BNA_F
 ClientSampleId :

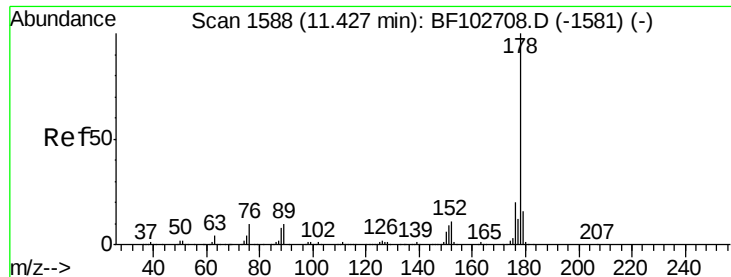
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.7	8.6	48.6
215	45.4	25.1	65.1



#69
 Pentachlorophenol
 Concen: 75.07 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.04 min
 Lab File: BF103025.D
 Acq: 15 Feb 2018 18:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.5	49.5	74.3





#70

Phenanthrene

Concen: 579.10 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.03 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

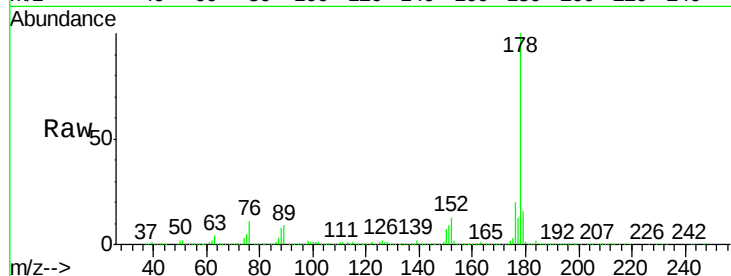
Tot Ion:178 Resp: 8853639

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.4	13.0	19.6

178 100

176 20.4 15.8 23.8

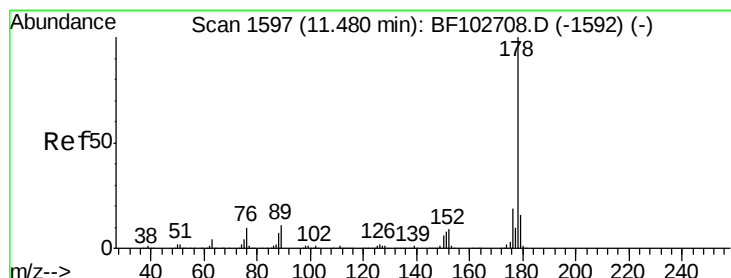
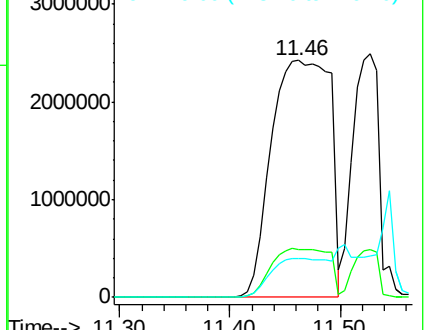
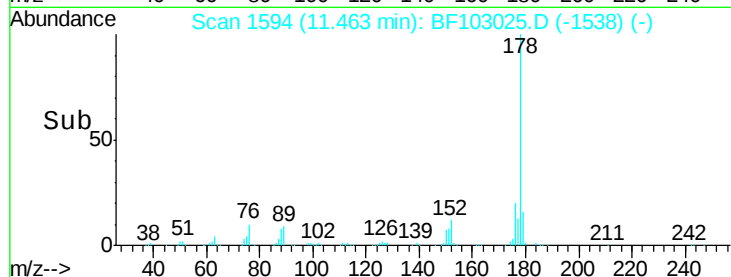
179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 267.13 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.04 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

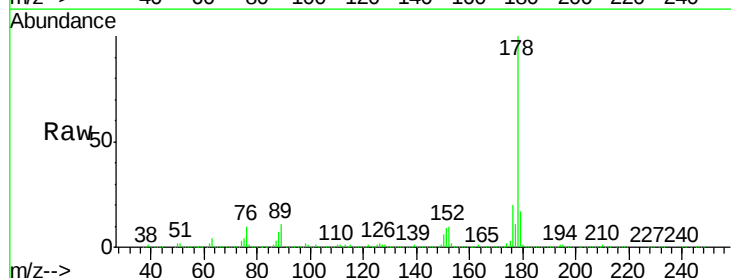
Tgt Ion:178 Resp: 4153867

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	17.0	12.6	19.0

178 100

176 19.7 15.4 23.2

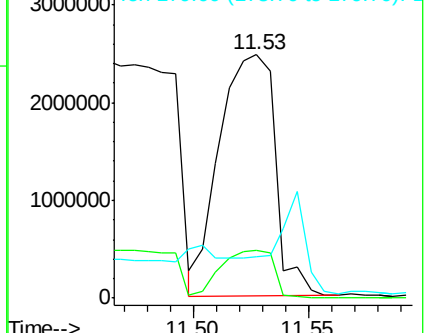
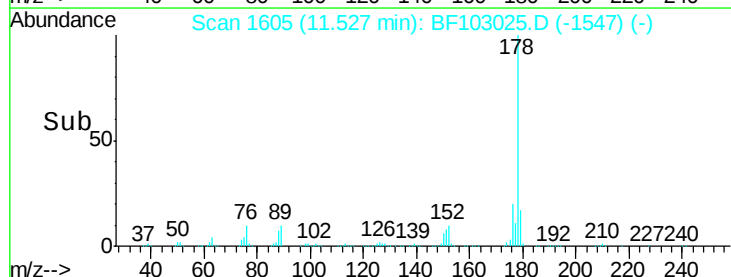
179 17.0 12.6 19.0

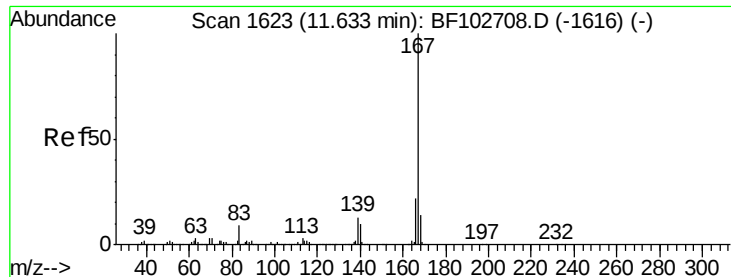


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 200.96 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

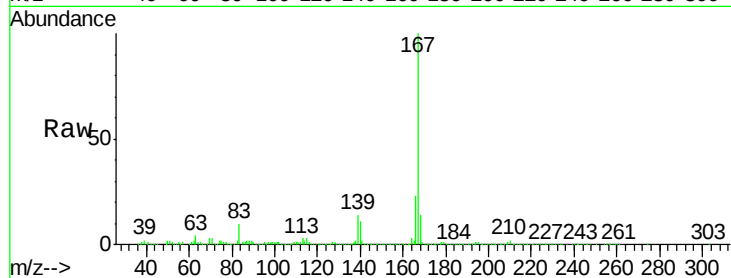
Tot Ion:167 Resp: 3061426

Ion Ratio Lower Upper

167 100

166 23.5 17.6 26.4

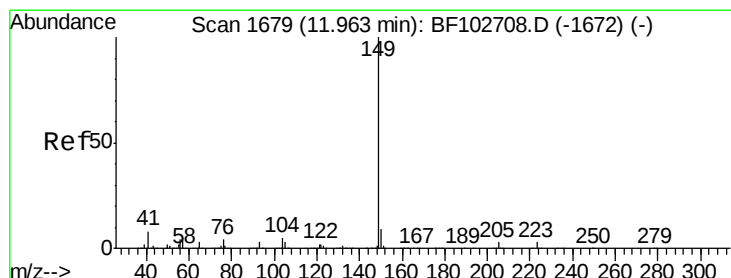
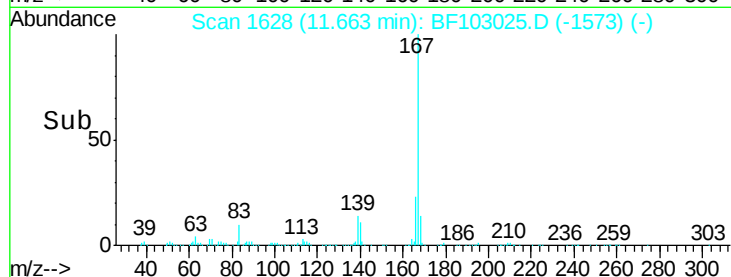
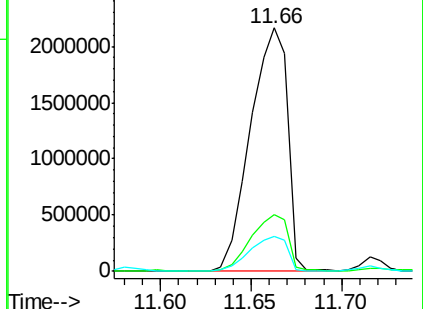
139 14.5 10.9 16.3



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: 51.75 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

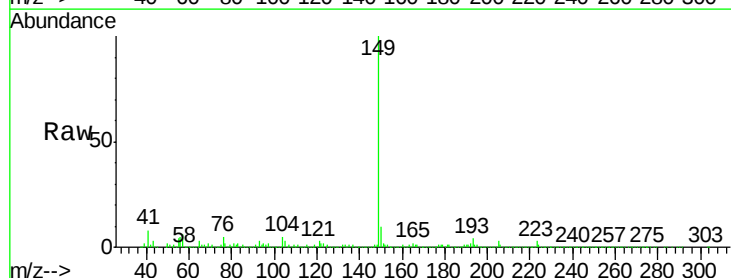
Tgt Ion:149 Resp: 957621

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

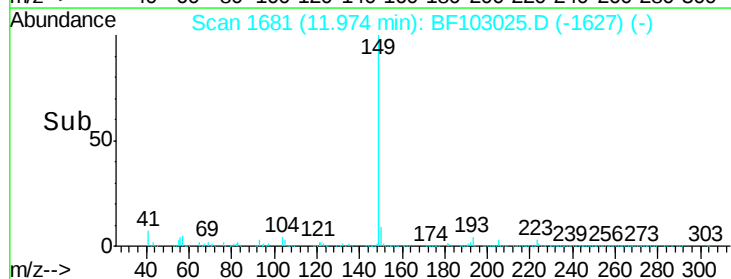
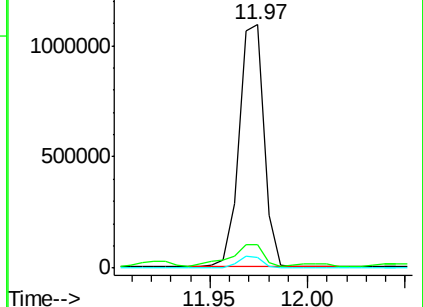
104 4.6 3.8 5.8

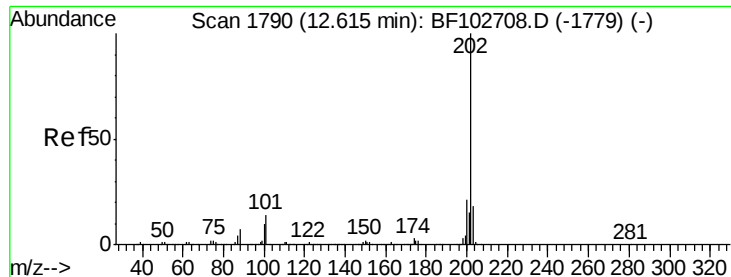


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 327.82 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.04 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

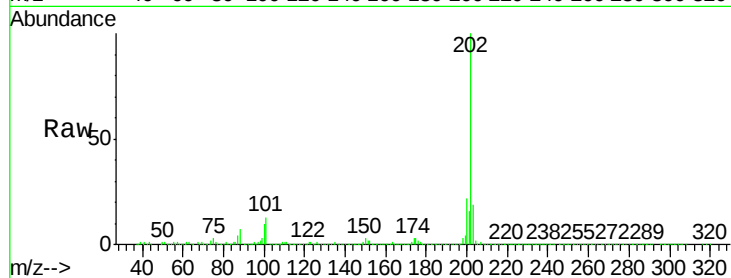
Tot Ion:202 Resp: 5042554

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

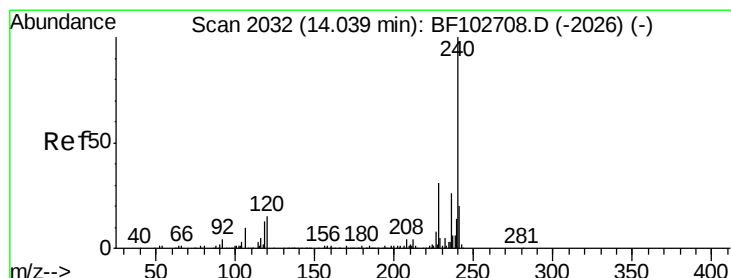
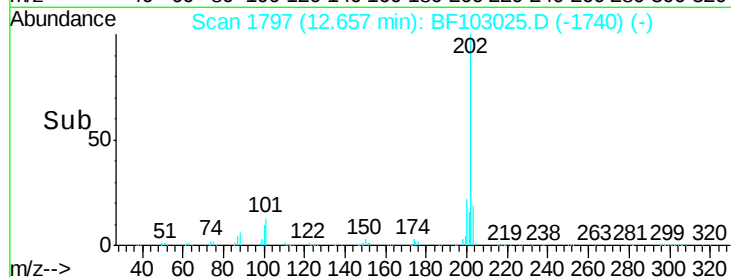
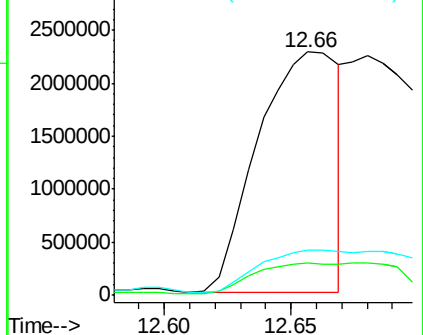
203 18.8 0.0 38.1



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: 14.12 min Scan# 2045

Delta R.T. 0.06 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

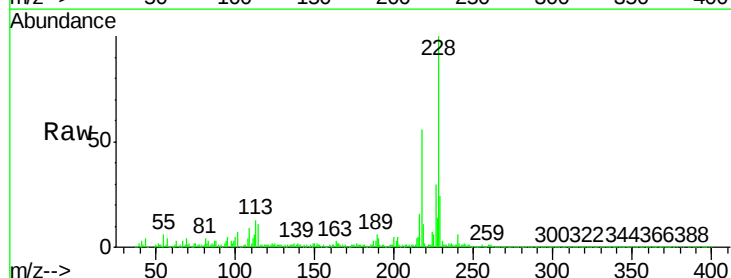
Tgt Ion:240 Resp: 98138

Ion Ratio Lower Upper

240 100

120 19.6 9.5 14.3#

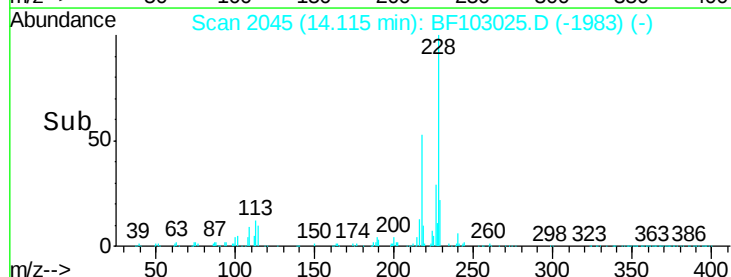
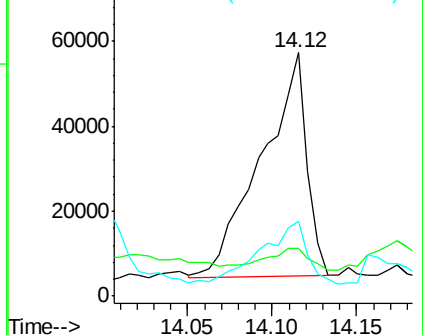
236 30.9 20.7 31.1

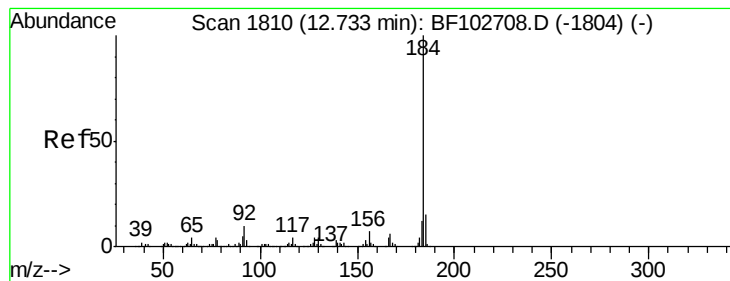


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.08 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.04 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampled :

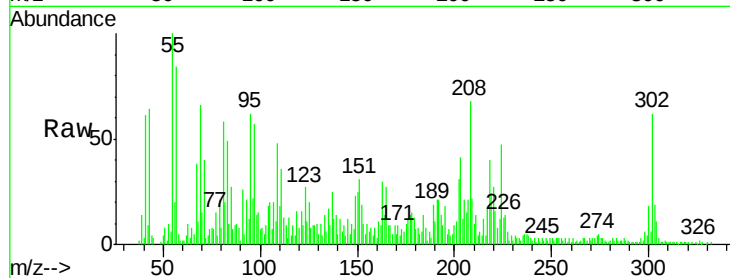
Tot Ion:184 Resp: 9403

Ion Ratio Lower Upper

184 100

185 55.6 12.6 18.8#

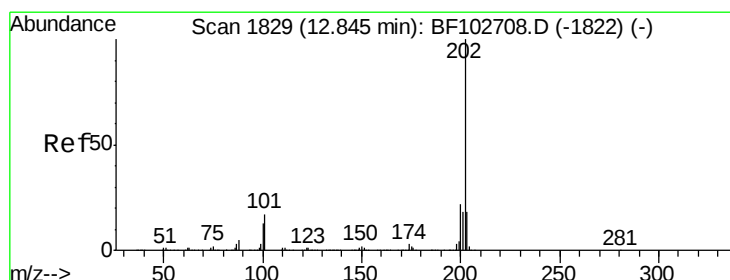
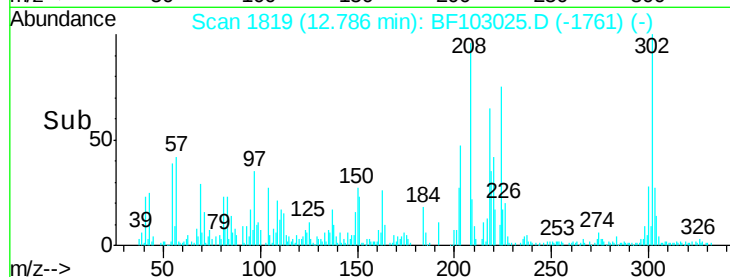
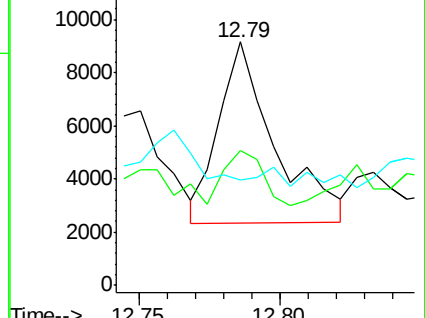
183 43.3 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 393.48 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.07 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

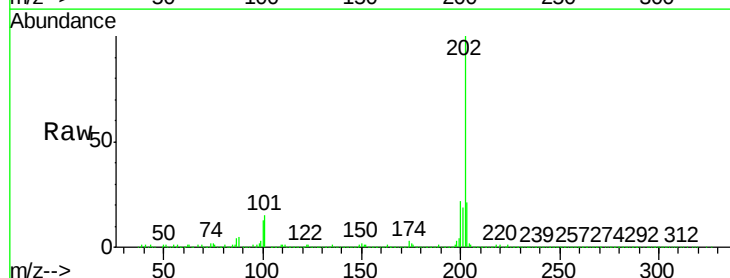
Tgt Ion:202 Resp: 3028038

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

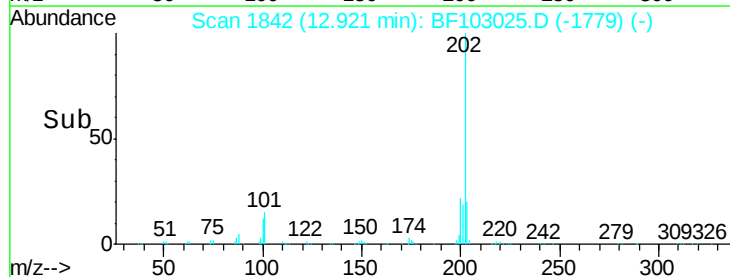
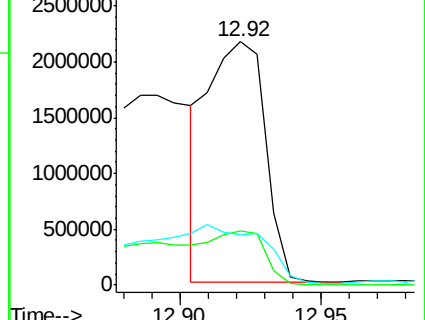
203 20.6 14.3 21.5

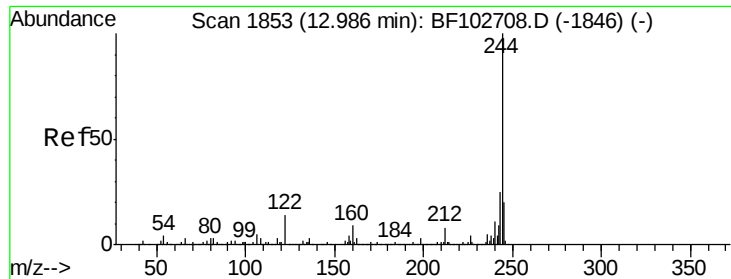


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 195.14 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

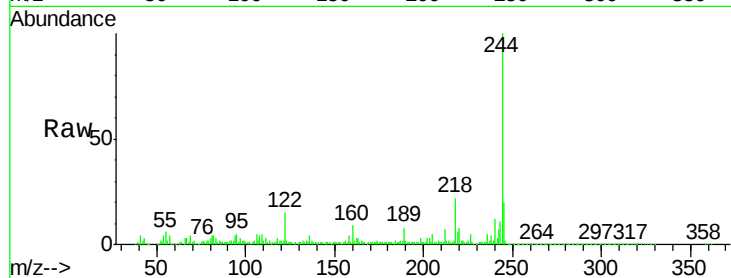
Tot Ion:244 Resp: 808821

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

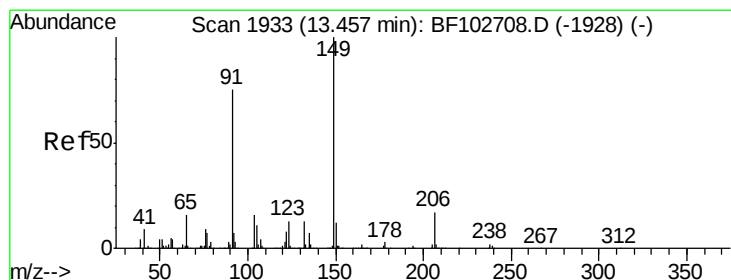
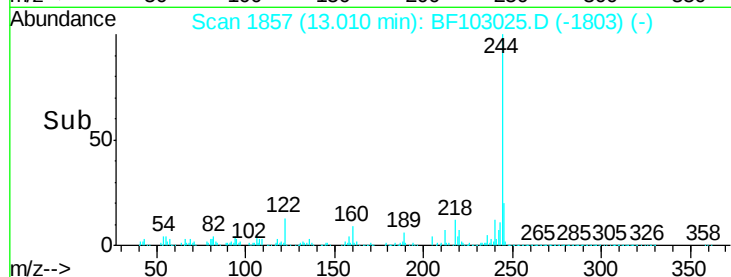
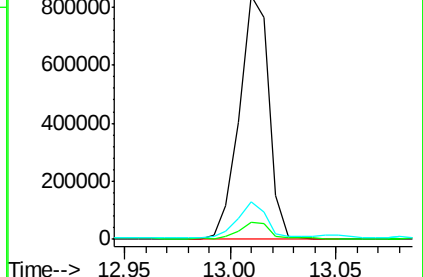
122 15.3 11.0 16.4



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: 92.42 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

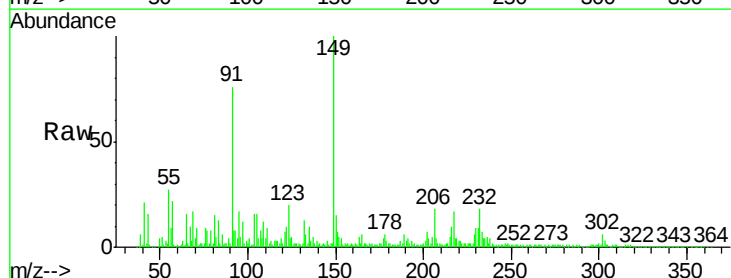
Tgt Ion:149 Resp: 343762

Ion Ratio Lower Upper

149 100

91 75.8 56.8 85.2

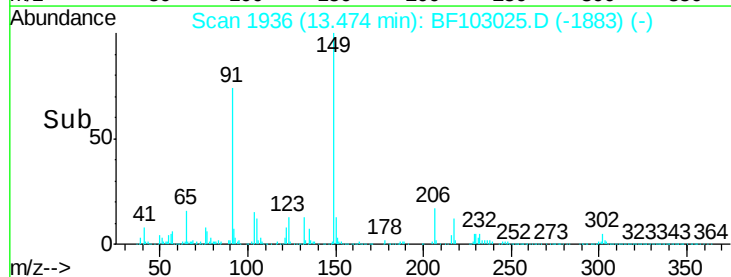
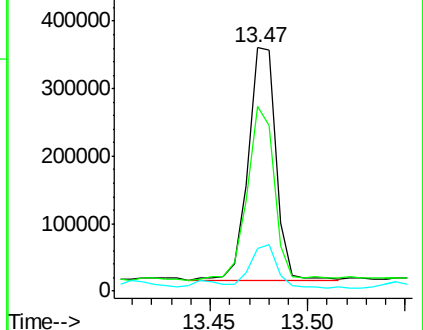
206 17.8 14.1 21.1

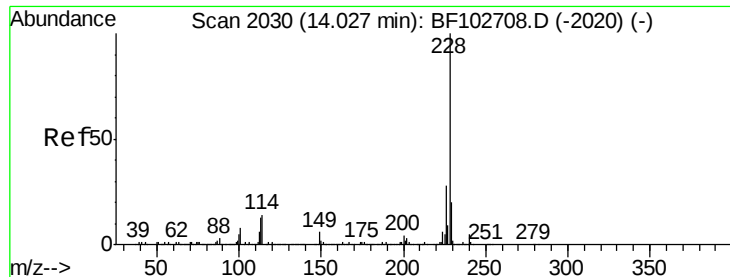


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

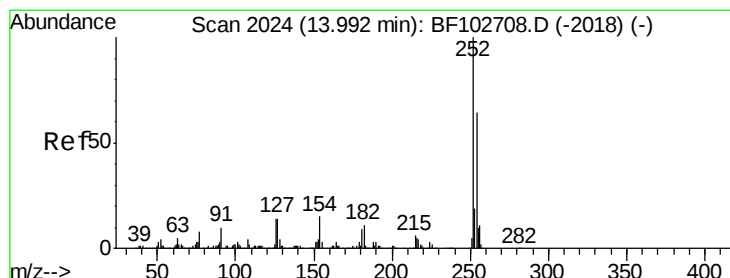
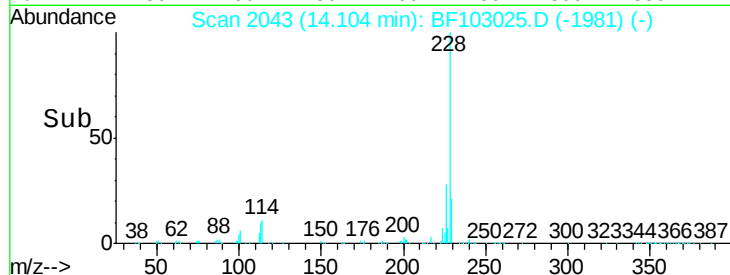
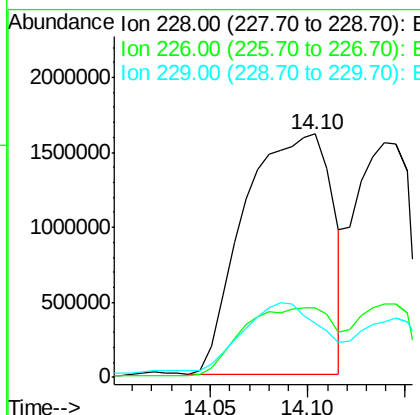
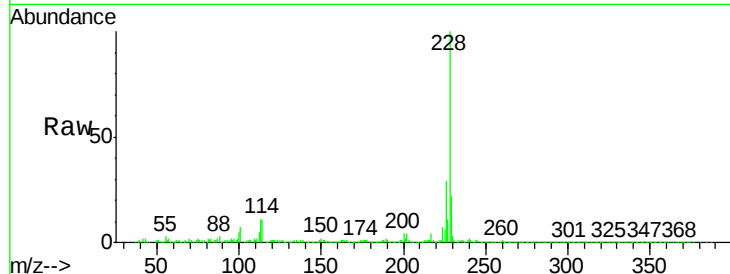




#80
Benzo(a)anthracene
Concen: 807.06 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.06 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

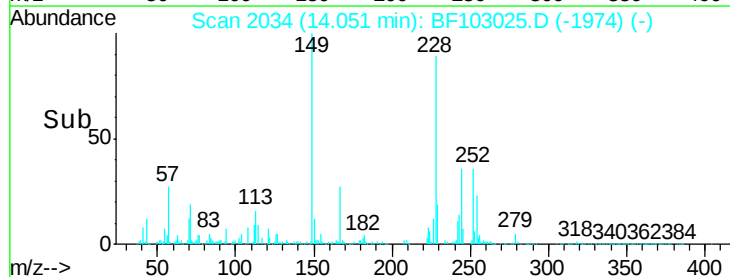
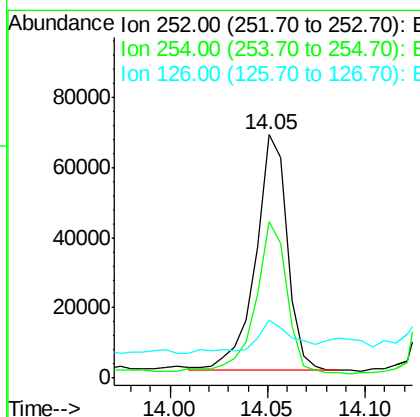
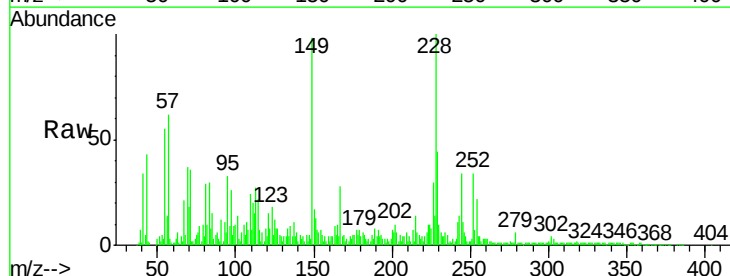
Instrument :
BNA_F
ClientSampleId :

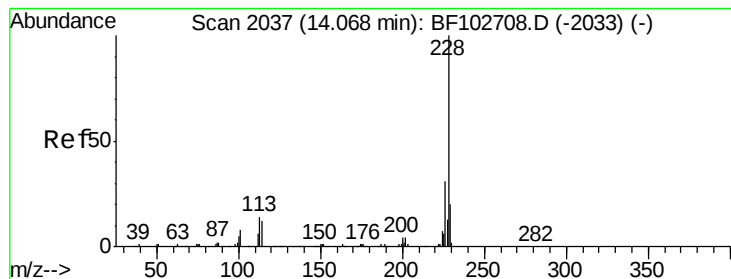
Tot Ion:228 Resp: 4981153
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 22.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 33.28 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.05 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:252 Resp: 76166
Ion Ratio Lower Upper
252 100
254 64.3 50.4 75.6
126 23.9 11.3 16.9#





#82

Chrysene

Concen: 418.97 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.06 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

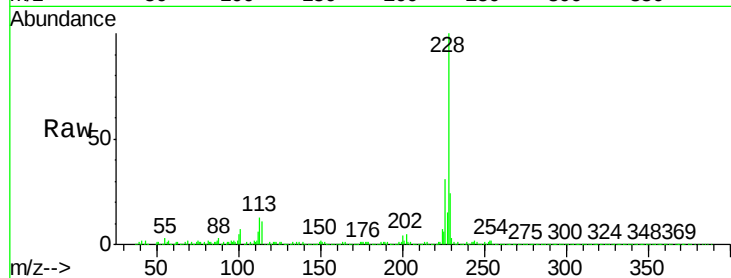
Tot Ion:228 Resp: 2606674

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

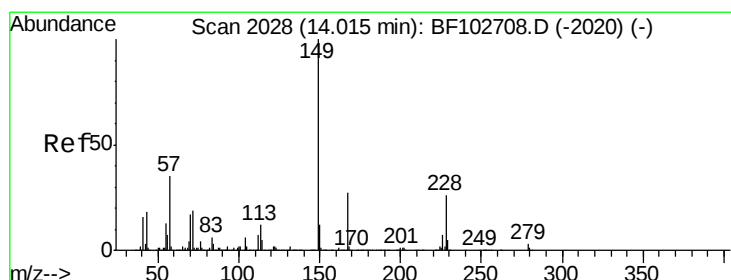
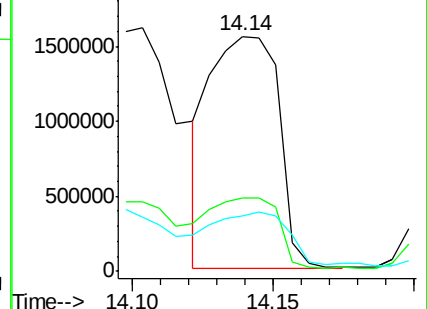
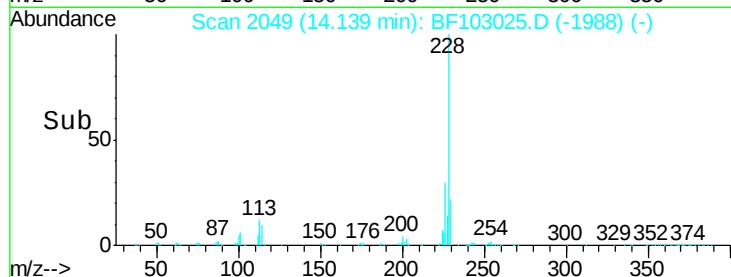
229 23.8 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 95.75 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.03 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

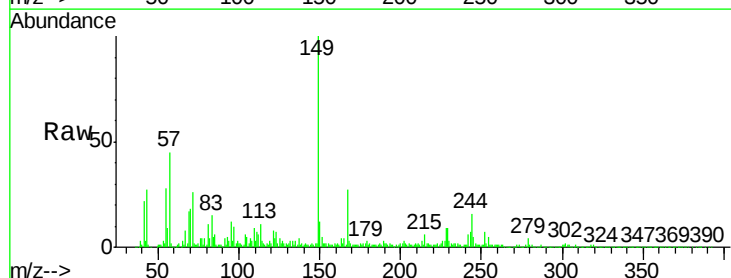
Tgt Ion:149 Resp: 451369

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

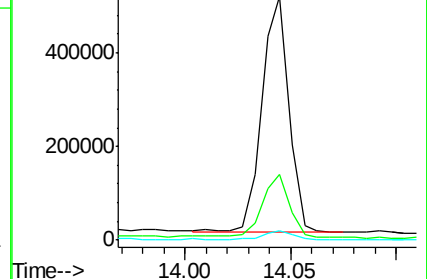
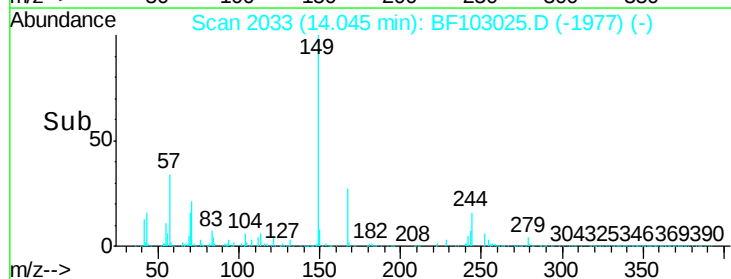
279 3.9 3.0 4.4

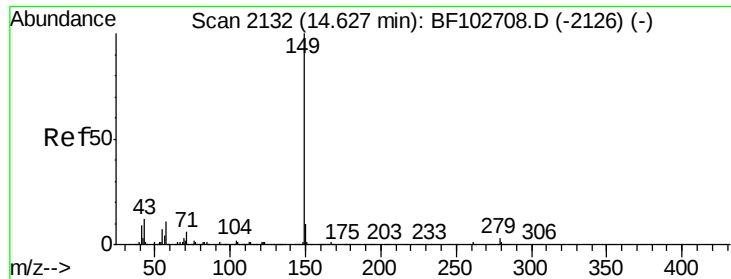


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 92.97 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.02 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

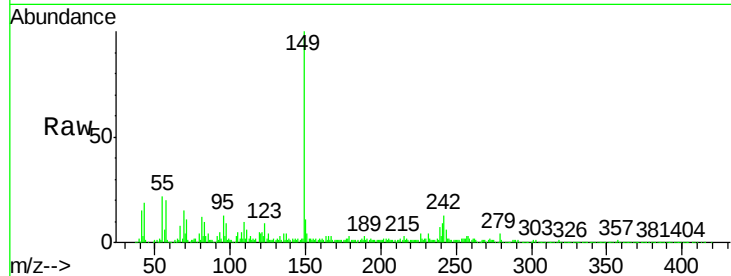
Tot Ion:149 Resp: 658053

Ion Ratio Lower Upper

149 100

167 2.5 1.2 1.8#

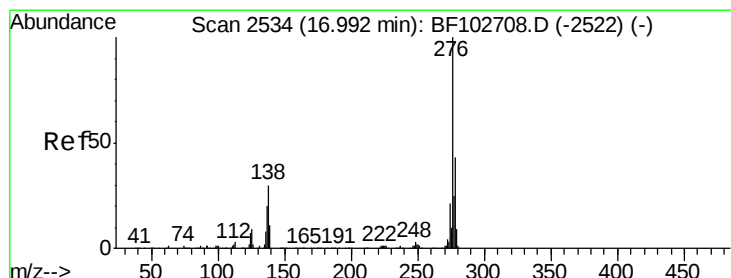
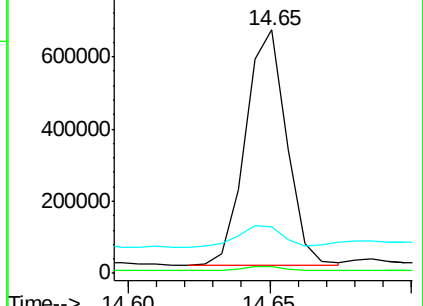
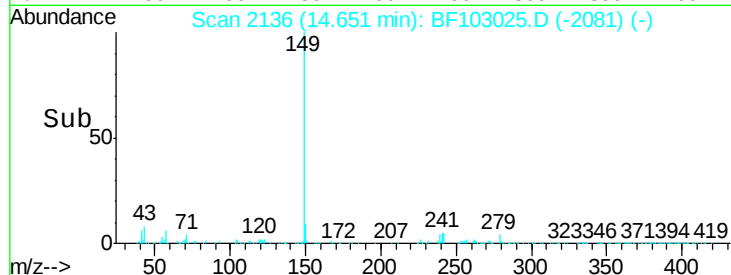
43 10.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 583.67 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.16 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

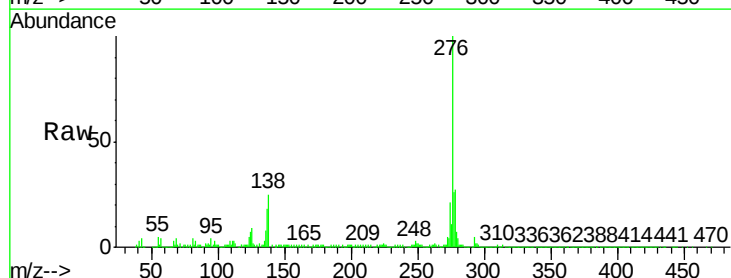
Tgt Ion:276 Resp: 3011791

Ion Ratio Lower Upper

276 100

138 24.1 25.0 37.6#

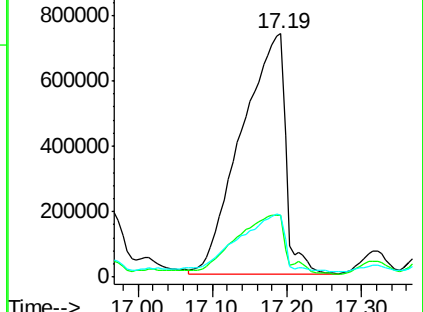
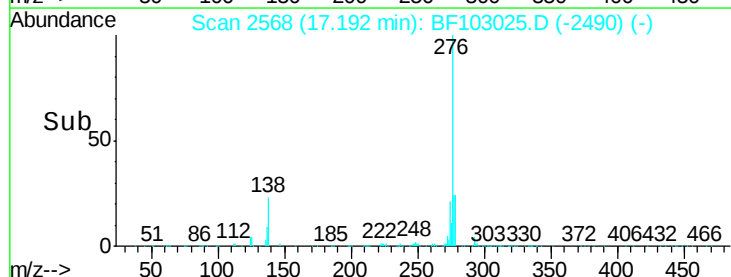
277 26.2 20.1 30.1

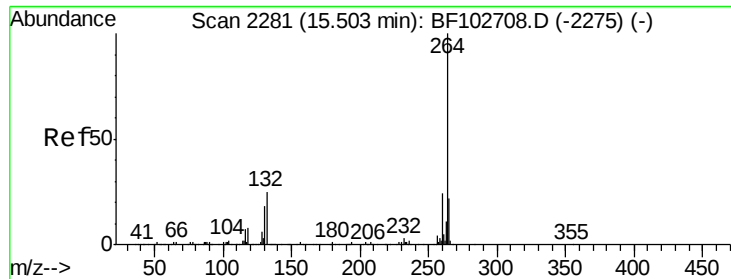


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

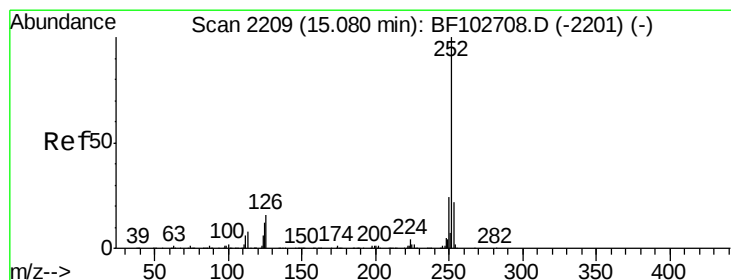
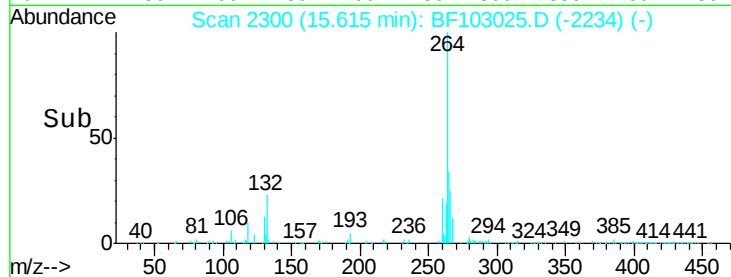
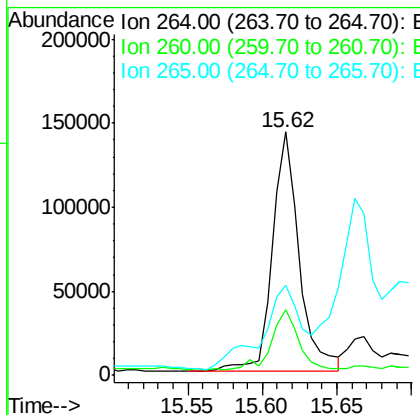
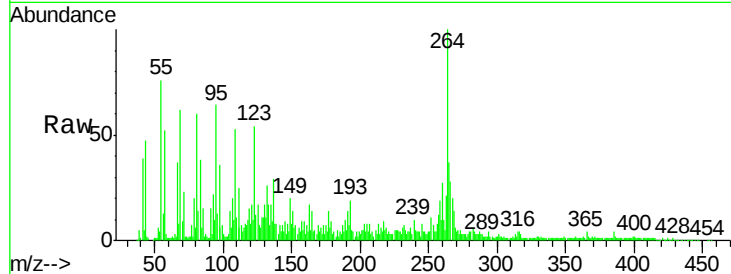




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.09 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

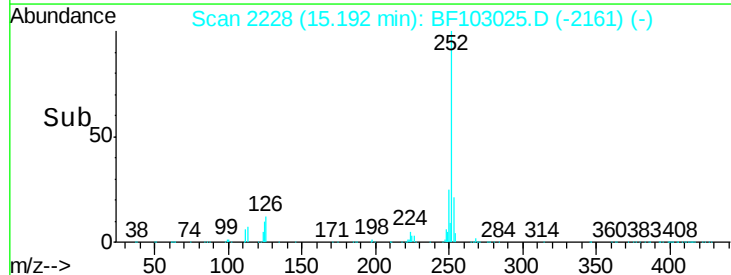
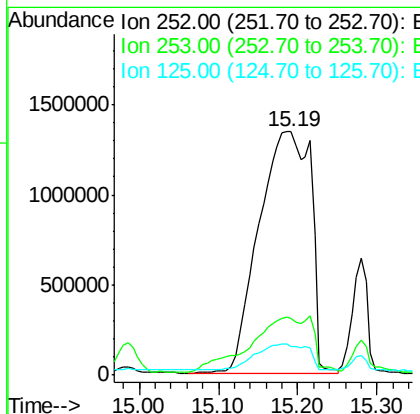
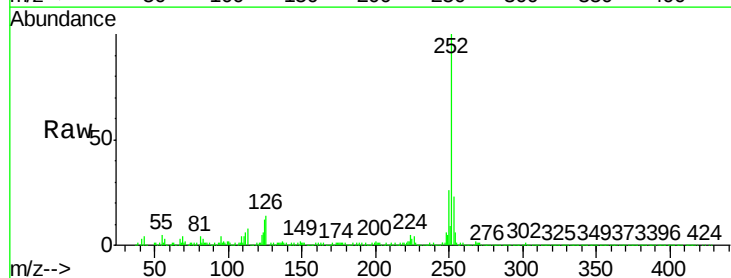
Instrument :
BNA_F
ClientSampleId :

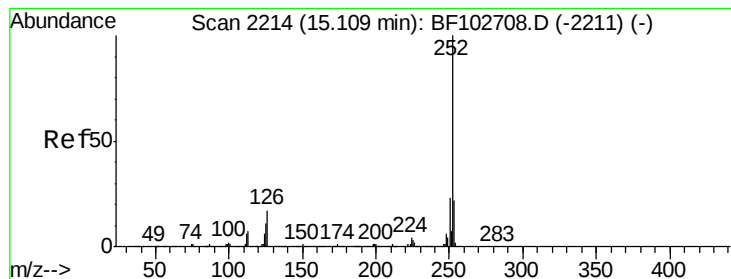
Tot Ion:264 Resp: 180158
Ion Ratio Lower Upper
264 100
260 26.8 19.2 28.8
265 37.2 17.5 26.3#



#87
Benzo(b)fluoranthene
Concen: 517.30 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.09 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:252 Resp: 6042224
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 12.0 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 541.40 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.06 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

Instrument :

BNA_F

ClientSampleId :

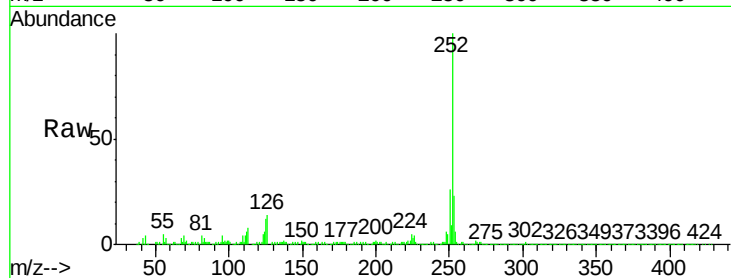
Tot Ion:252 Resp: 6042224

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

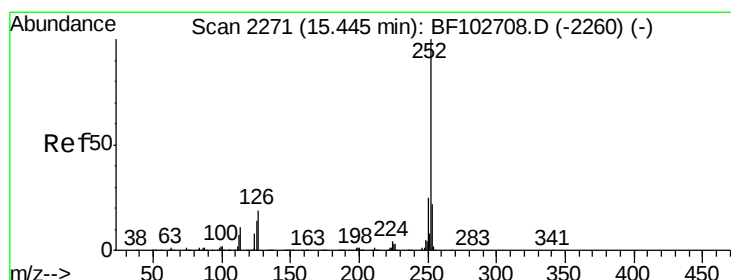
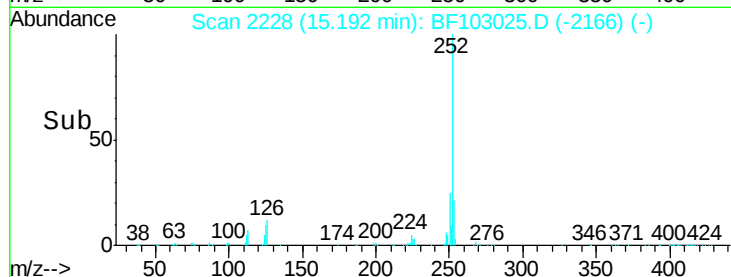
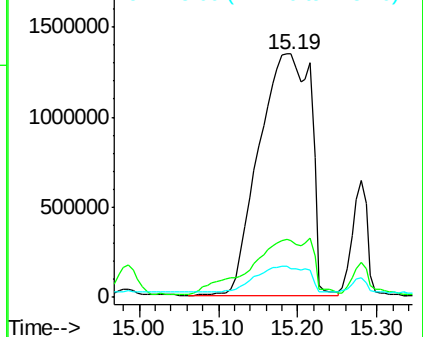
125 12.0 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 314.33 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.11 min

Lab File: BF103025.D

Acq: 15 Feb 2018 18:43

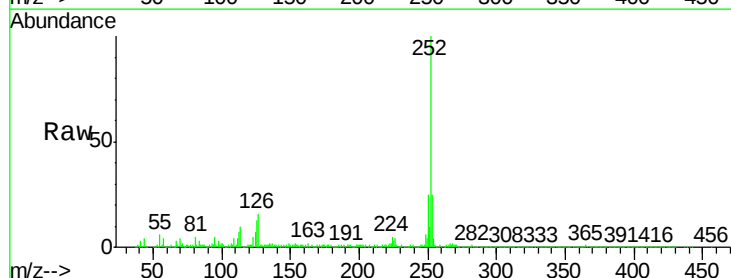
Tgt Ion:252 Resp: 3304744

Ion Ratio Lower Upper

252 100

253 24.8 17.1 25.7

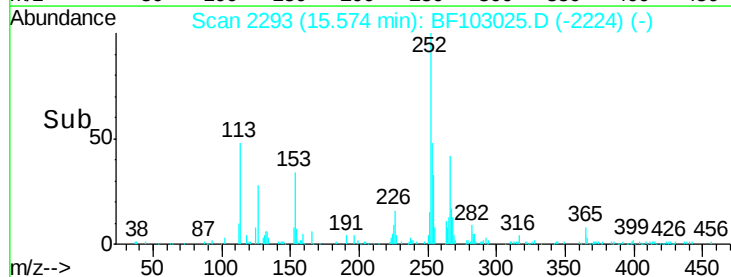
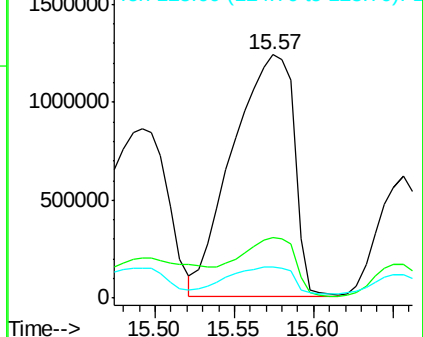
125 13.1 9.8 14.6

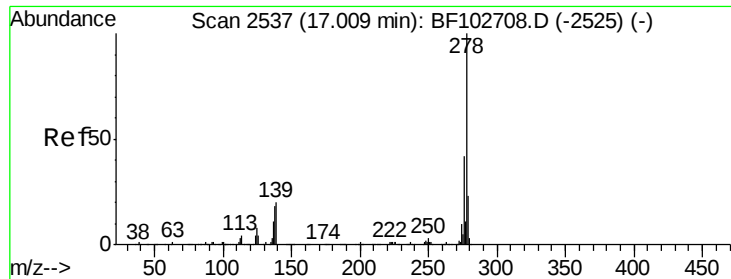


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

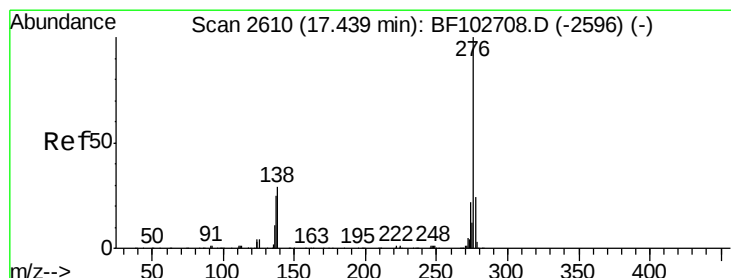
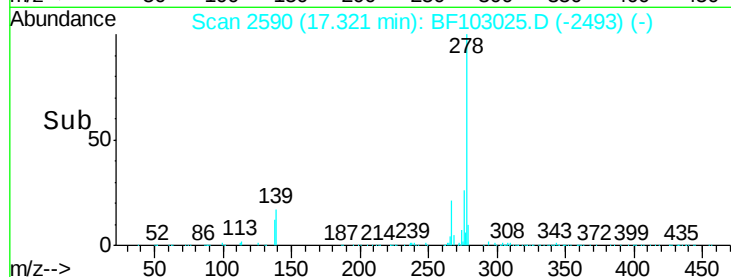
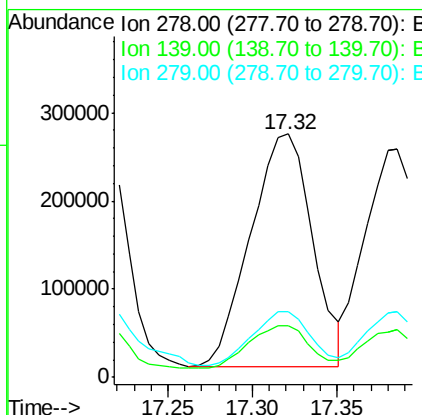
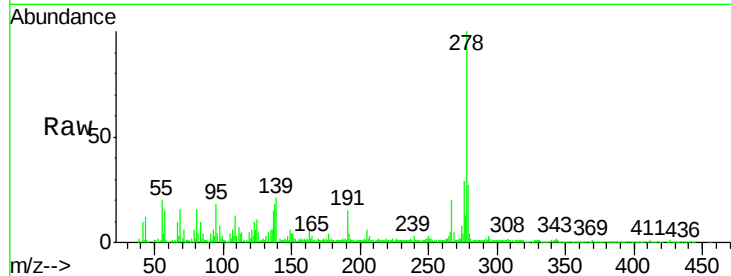




#90
Dibenzo(a,h)anthracene
Concen: 78.54 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.27 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 670271
Ion Ratio Lower Upper
278 100
139 21.0 15.9 23.9
279 27.1 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 337.32 ng
RT: 17.65 min Scan# 2646
Delta R.T. 0.16 min
Lab File: BF103025.D
Acq: 15 Feb 2018 18:43

Tgt Ion:276 Resp: 2817525
Ion Ratio Lower Upper
276 100
277 24.6 17.9 26.9
138 28.2 21.8 32.8

