

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102832.D
 Acq On : 7 Feb 2018 23:29
 Operator : SJ/JU
 Sample : J1471-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 06:27:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	191974	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	776190	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	322510	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	474344	20.00	ng	0.00
75) Chrysene-d12	14.06	240	328108	20.00	ng	0.00
86) Perylene-d12	15.54	264	275803	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1486430	117.59	ng	0.02
7) Phenol-d6	6.52	99	1812983	119.11	ng	0.02
23) Nitrobenzene-d5	7.45	82	1125817	100.62	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	318085	122.54	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1668559	85.85	ng	0.00
78) Terphenyl-d14	13.00	244	1234381	89.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	218158	34.94	ng	87
3) Pyridine	3.56	79	589577	34.18	ng	91
4) n-Nitrosodimethylamine	3.43	42	326632	44.26	ng	95
6) Aniline	6.80	93	244249	10.87	ng	98
8) 2-Chlorophenol	6.67	128	568250	43.66	ng	95
9) Benzaldehyde	6.43	77	179076	15.84	ng	99
10) Phenol	6.53	94	714109	43.78	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	688494	50.72	ng	93
12) 1,3-Dichlorobenzene	6.83	146	587765	39.00	ng	99
13) 1,4-Dichlorobenzene	6.90	146	586063	39.04	ng	100
14) 1,2-Dichlorobenzene	7.06	146	546470	39.08	ng	99
15) Benzyl Alcohol	7.03	79	492345	42.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1000125	38.79	ng	98
17) 2-Methylphenol	7.14	107	497154	41.41	ng	99
18) Hexachloroethane	7.40	117	173951	33.79	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	389516	38.81	ng	96
20) 3+4-Methylphenols	7.29	107	563331	38.05	ng	# 69
22) Acetophenone	7.30	105	754617	39.73	ng	# 94
24) Nitrobenzene	7.47	77	602768	45.80	ng	98
25) Isophorone	7.71	82	1117688	43.38	ng	99
26) 2-Nitrophenol	7.79	139	297726	53.79	ng	96
27) 2,4-Dimethylphenol	7.82	122	505456	46.44	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	706576	46.29	ng	98
29) 2,4-Dichlorophenol	8.03	162	463082	46.80	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	452269	40.40	ng	100
31) Naphthalene	8.19	128	1550149	40.88	ng	99
32) Benzoic acid	7.91	122	103441	20.89	ng	97
33) 4-Chloroaniline	8.27	127	312045	19.10	ng	99
34) Hexachlorobutadiene	8.30	225	223558	38.97	ng	99
35) Caprolactam	8.62	113	153459	44.66	ng	90
36) 4-Chloro-3-methylphenol	8.72	107	499734	44.95	ng	97
37) 2-Methylnaphthalene	8.88	142	1007133	40.56	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	388744	44.27	ng	99
40) Hexachlorocyclopentadiene	9.03	237	47294	11.33	ng	97

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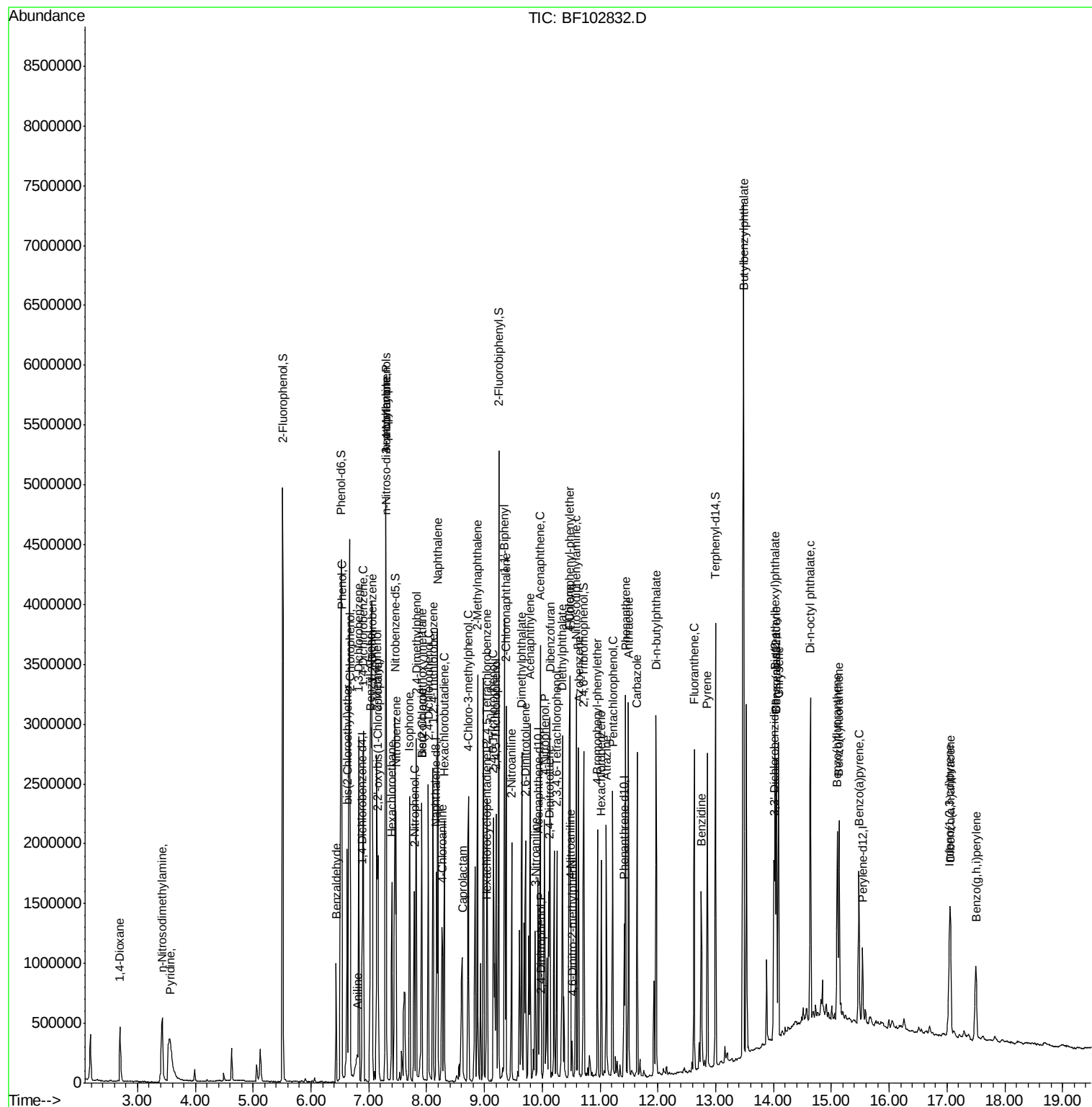
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	285157	49.44	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	302599	46.55	nq	98
45) 1,1'-Biphenyl	9.35	154	1131188	41.64	nq	99
46) 2-Chloronaphthalene	9.37	162	899738	42.07	nq	98
47) 2-Nitroaniline	9.47	65	348480	52.46	nq	90
48) Acenaphthylene	9.79	152	1316445	39.63	nq	100
49) Dimethylphthalate	9.65	163	1198788	47.67	nq	99
50) 2,6-Dinitrotoluene	9.71	165	234608	49.04	nq	96
51) Acenaphthene	9.96	154	776438	39.09	nq	99
52) 3-Nitroaniline	9.88	138	202584	34.41	nq	91
53) 2,4-Dinitrophenol	9.98	184	33334	35.88	nq	# 19
54) Dibenzofuran	10.13	168	1140481	40.74	nq	98
55) 4-Nitrophenol	10.04	139	395219	81.61	nq	94
56) 2,4-Dinitrotoluene	10.12	165	292772	45.78	nq	92
57) Fluorene	10.47	166	827400	40.62	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	209554	46.51	nq	99
59) Diethylphthalate	10.35	149	1016662	40.94	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	379768	42.15	nq	97
61) 4-Nitroaniline	10.49	138	207210	36.98	nq	90
62) Azobenzene	10.63	77	945721	38.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	32136	23.17	nq	86
65) n-Nitrosodiphenylamine	10.59	169	774788	46.31	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	231814	46.20	nq	92
67) Hexachlorobenzene	11.02	284	231797	41.88	nq	98
68) Atrazine	11.11	200	202266	40.98	nq	97
69) Pentachlorophenol	11.22	266	246796	75.95	nq	99
70) Phenanthrene	11.44	178	1083844	41.03	nq	99
71) Anthracene	11.49	178	1102016	41.01	nq	99
72) Carbazole	11.65	167	1065118	40.46	nq	100
73) Di-n-butylphthalate	11.97	149	1412728	44.18	nq	100
74) Fluoranthene	12.63	202	1037864	39.05	nq	98
76) Benzidine	12.75	184	644810	42.76	nq	98
77) Pyrene	12.86	202	1051664	40.87	nq	100
79) Butylbenzylphthalate	13.49	149	2489506	198.99	nq	98
80) Benzo(a)anthracene	14.04	228	900454	43.64	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	335885	43.90	nq	# 97
82) Chrysene	14.09	228	859419	41.32	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	752715	47.76	nq	100
84) Di-n-octyl phthalate	14.64	149	1288925	54.46	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	642616	37.25	nq	98
87) Benzo(b)fluoranthene	15.10	252	764283	42.74	nq	97
88) Benzo(k)fluoranthene	15.13	252	766745	44.88	nq	99
89) Benzo(a)pyrene	15.48	252	681503	42.34	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	547620	41.92	nq	99
91) Benzo(g,h,i)perylene	17.50	276	518401	40.54	nq	99

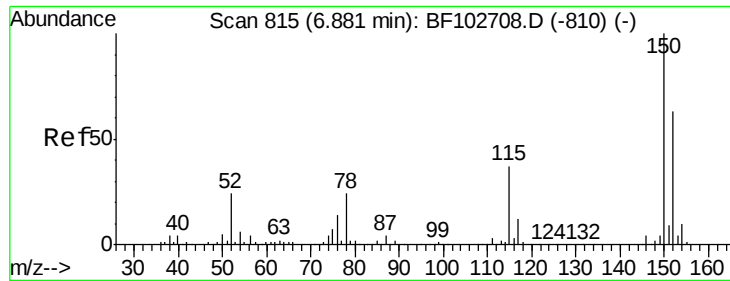
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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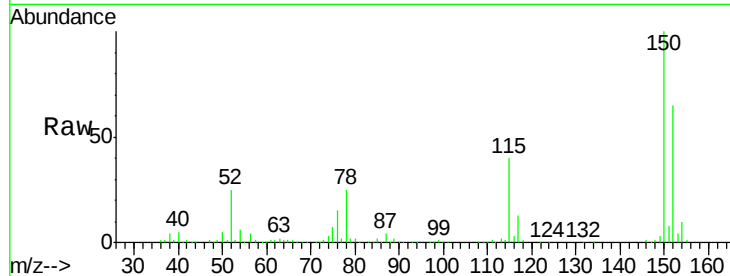


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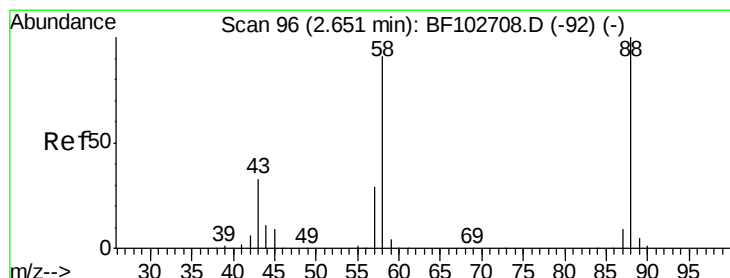
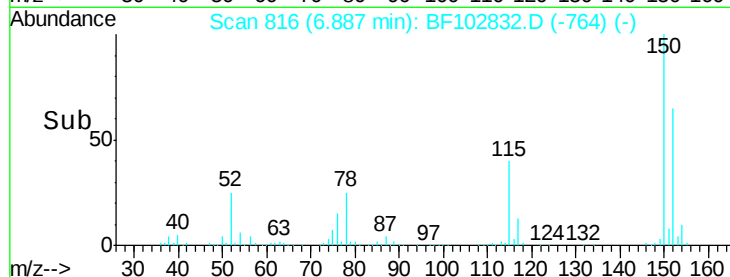
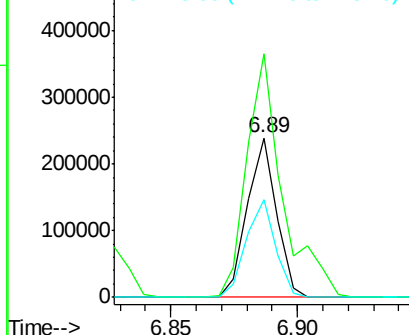
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 191974
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 61.6 50.1 75.1



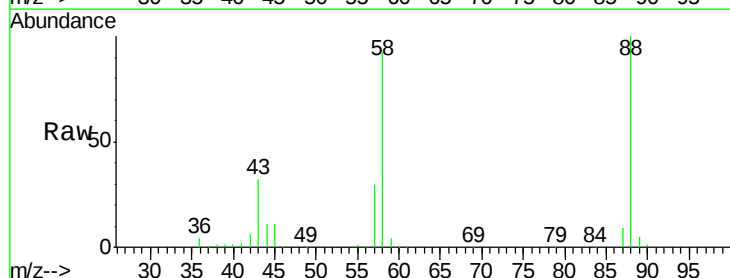
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



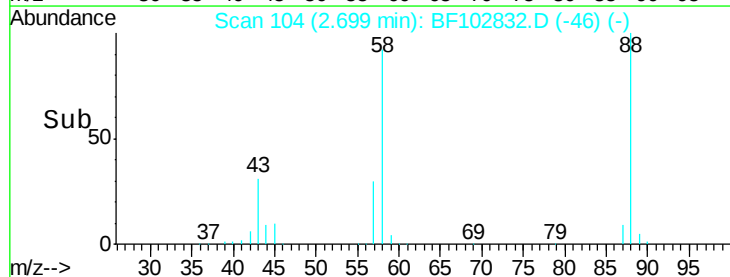
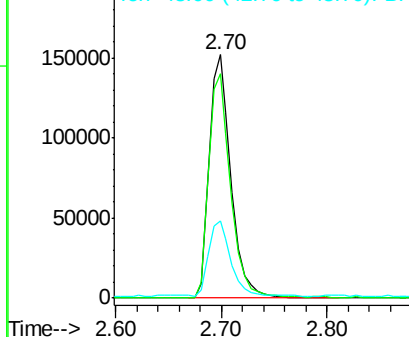
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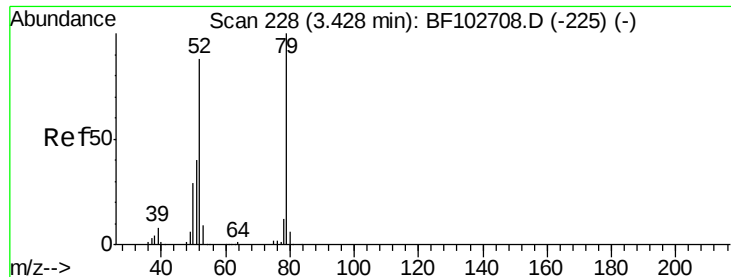
1,4-Dioxane
Concen: 34.94 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.04 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 88 Resp: 218158
Ion Ratio Lower Upper
88 100
58 93.6 62.6 93.8
43 31.6 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: 34.18 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.13 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampled :

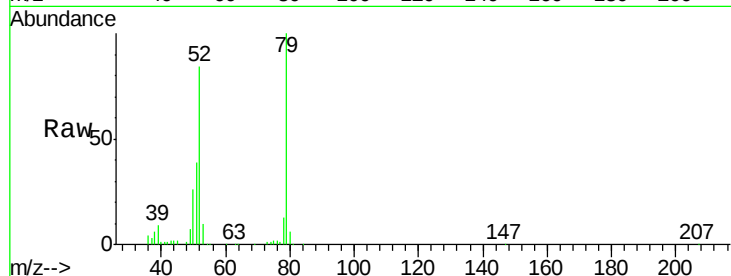
Tot Ion: 79 Resp: 589577

Ion Ratio Lower Upper

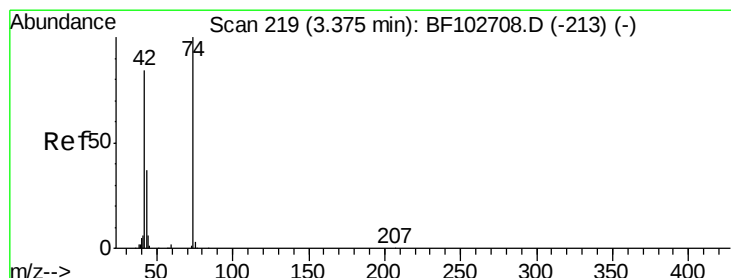
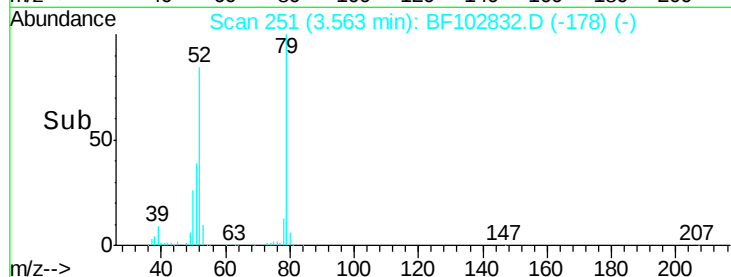
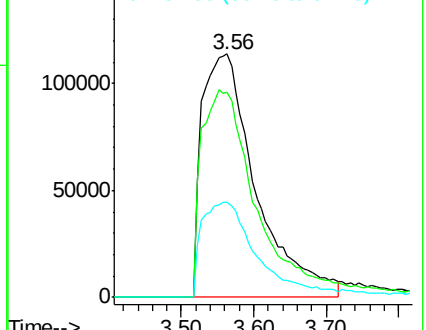
79 100

52 84.4 59.8 89.6

51 39.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 44.26 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

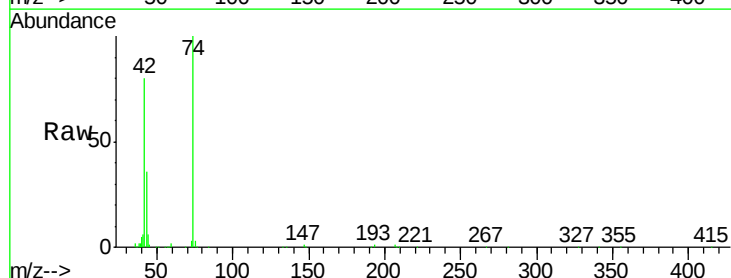
Tgt Ion: 42 Resp: 326632

Ion Ratio Lower Upper

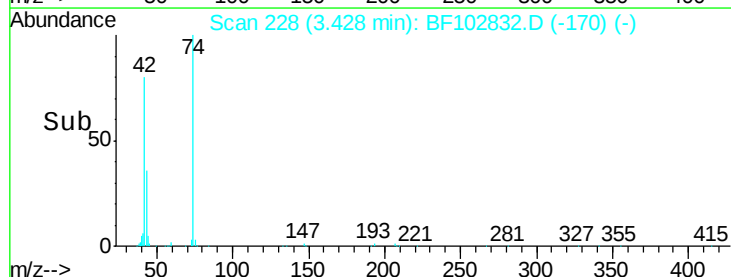
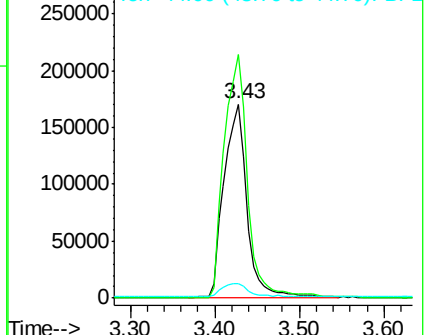
42 100

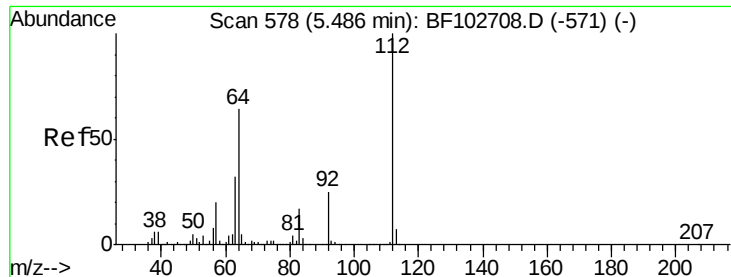
74 125.3 104.9 157.3

44 7.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 117.59 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

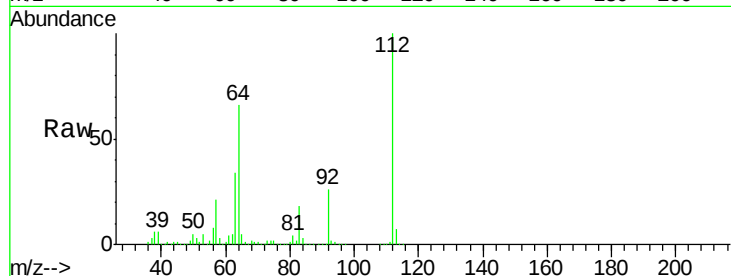
Tot Ion:112 Resp: 1486430

Ion Ratio Lower Upper

112 100

64 66.1 47.9 71.9

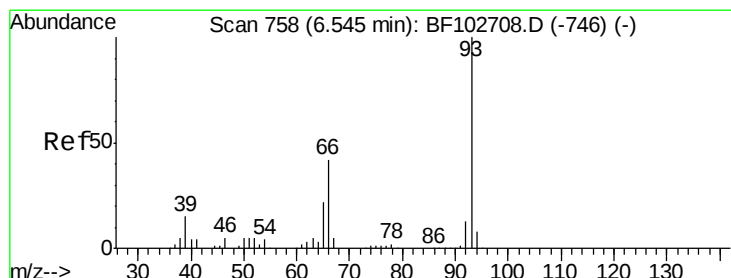
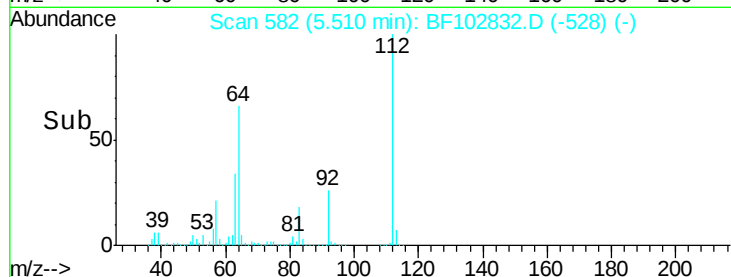
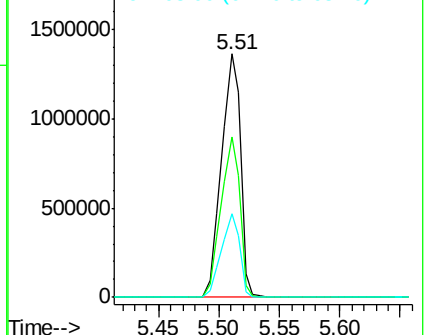
63 34.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.87 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.25 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

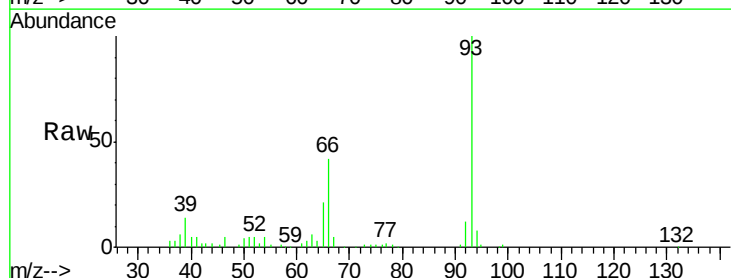
Tgt Ion: 93 Resp: 244249

Ion Ratio Lower Upper

93 100

66 41.6 32.2 48.2

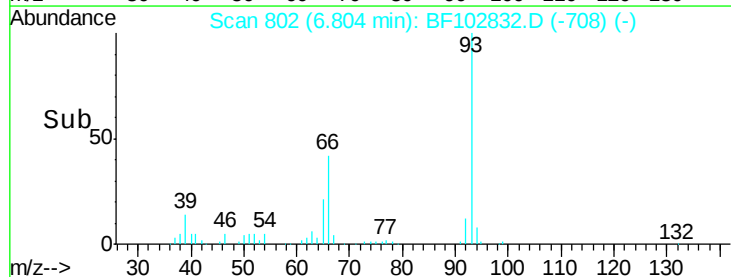
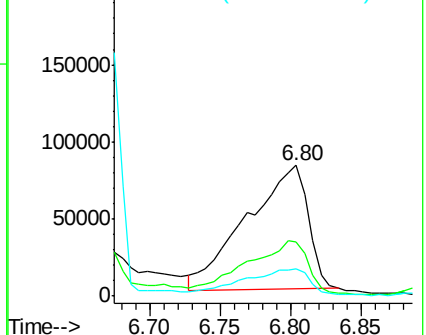
65 21.3 16.4 24.6

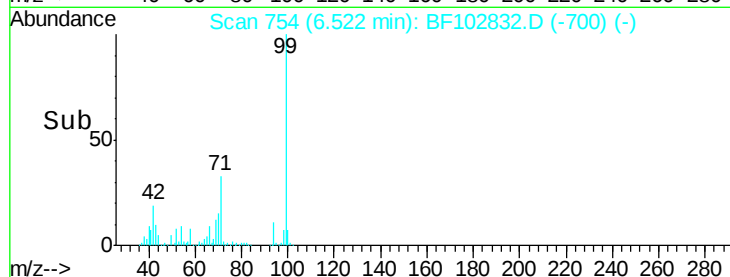
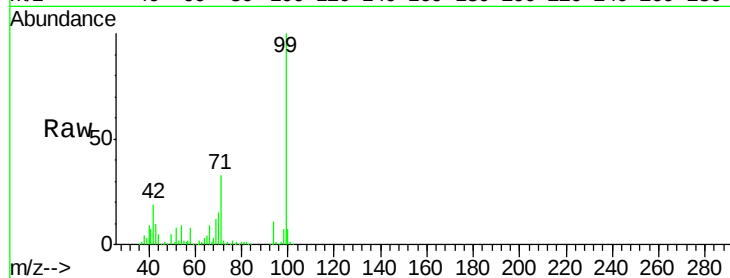
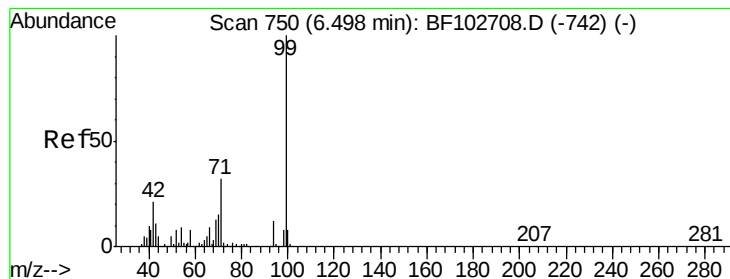


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.11 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

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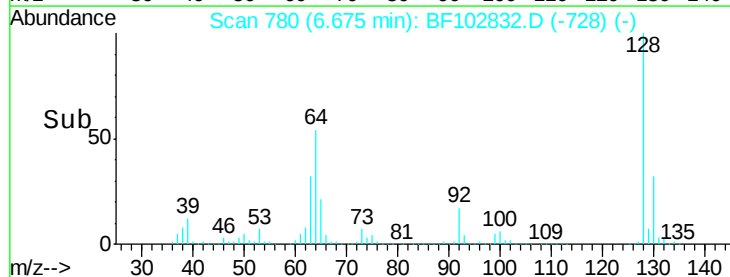
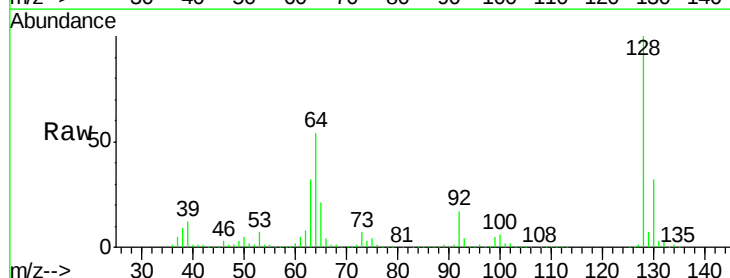
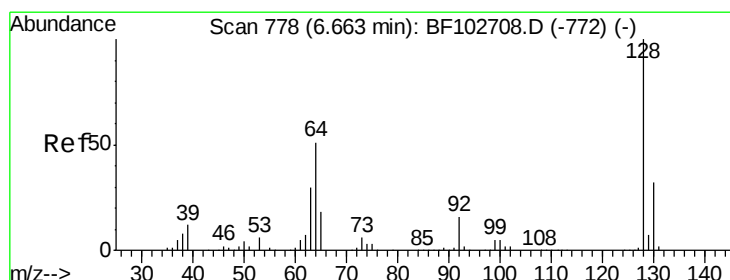
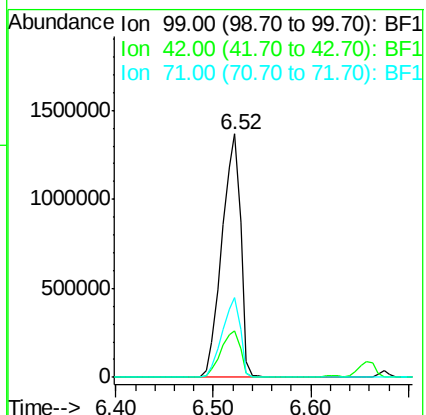
Tot Ion: 99 Resp: 1812983

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.9 25.4 38.0



#8

2-Chlorophenol

Concen: 43.66 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

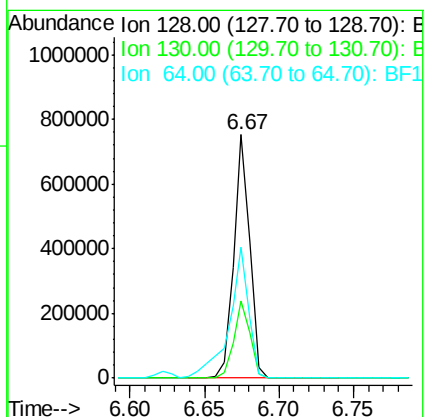
Tgt Ion:128 Resp: 568250

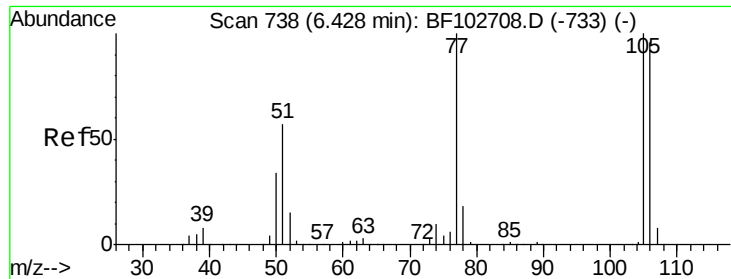
Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 53.6 29.4 69.4

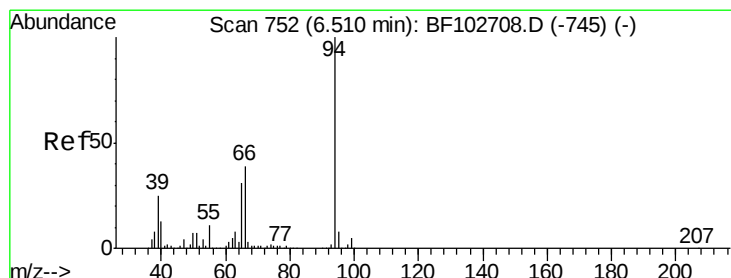
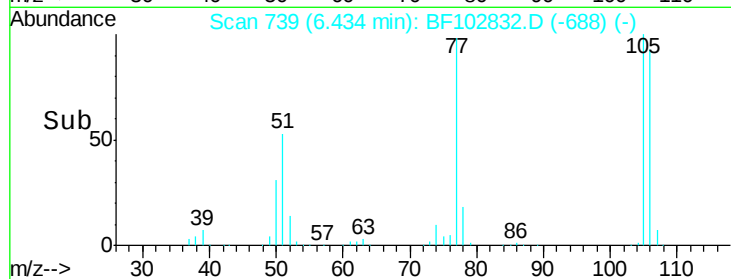
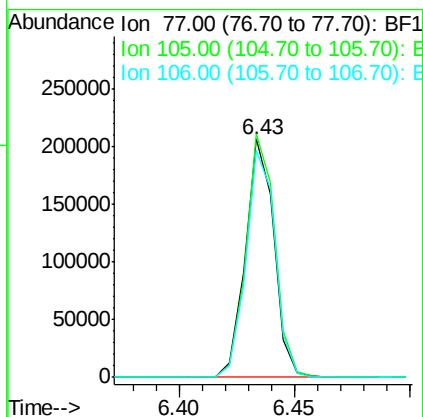
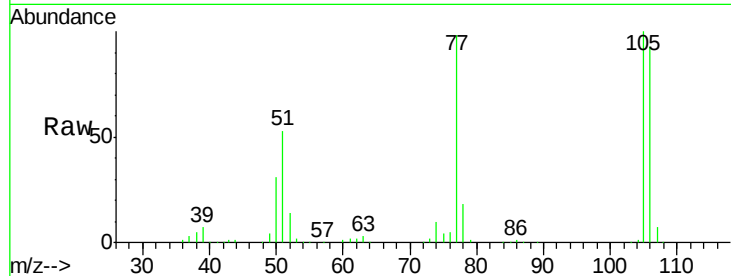




#9
Benzaldehyde
Concen: 15.84 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
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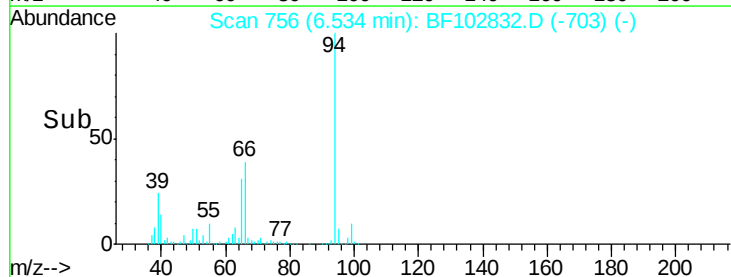
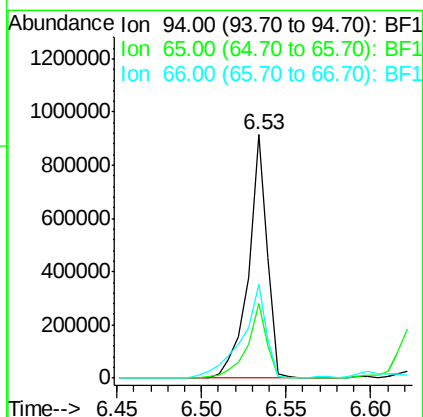
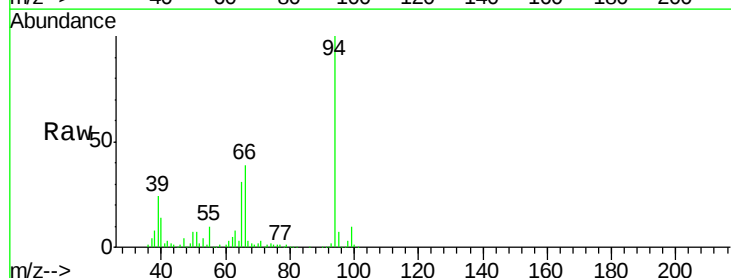
Instrument :
BNA_F
ClientSampleId :

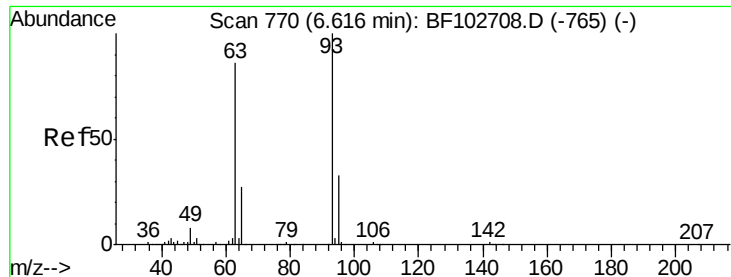
Tot Ion: 77 Resp: 179076
Ion Ratio Lower Upper
77 100
105 102.1 81.1 121.1
106 95.3 74.5 114.5



#10
Phenol
Concen: 43.78 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 94 Resp: 714109
Ion Ratio Lower Upper
94 100
65 30.6 7.9 47.9
66 38.6 16.2 56.2

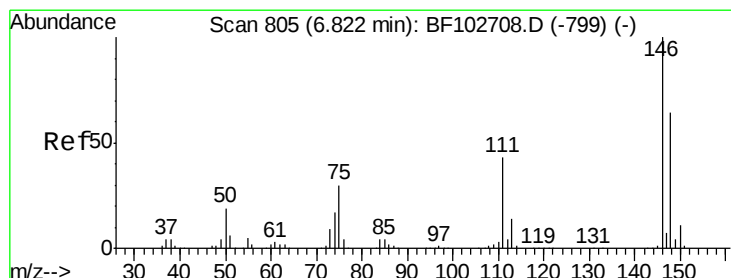
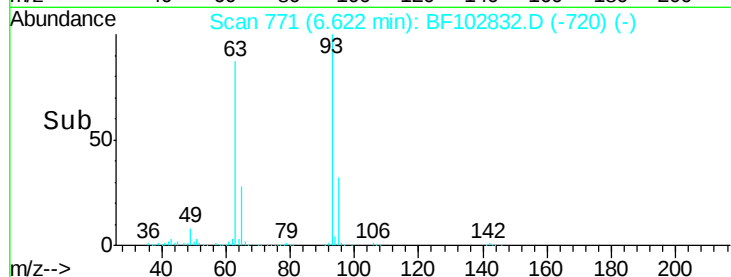
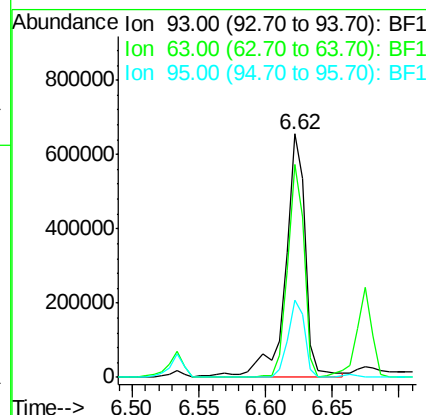
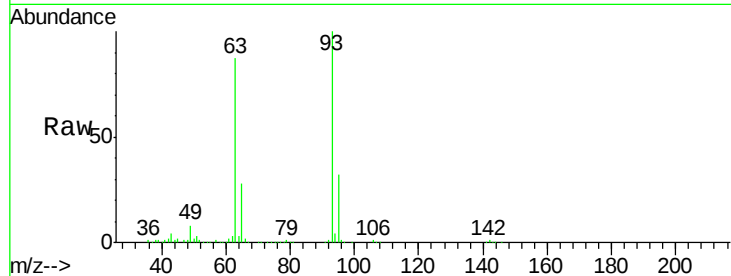




#11
bis(2-Chloroethyl)ether
Concen: 50.72 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

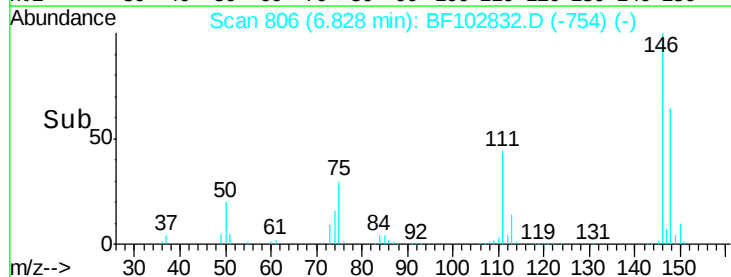
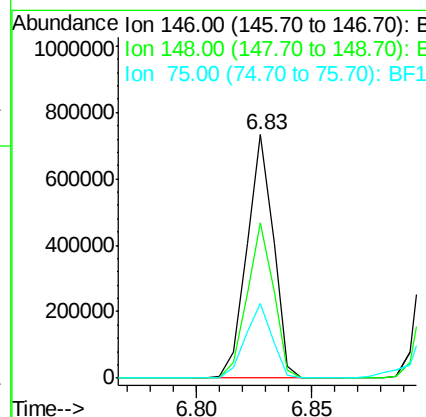
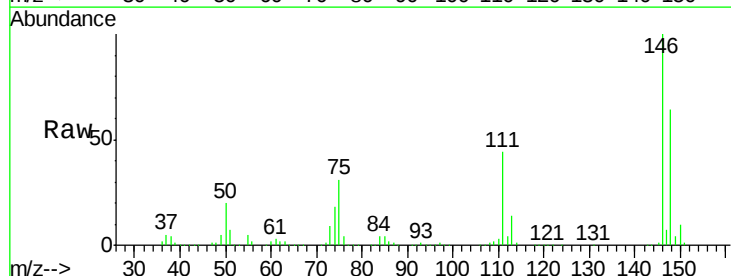
Instrument :
BNA_F
ClientSampled :

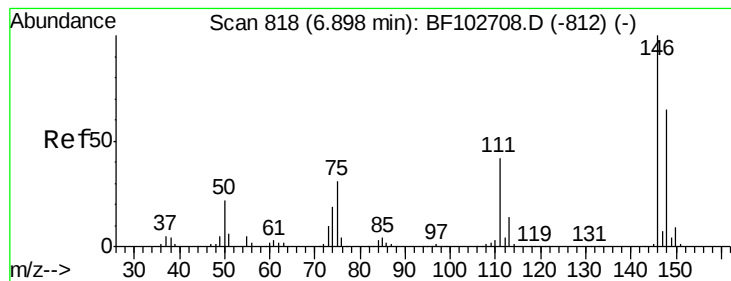
Tot Ion: 93 Resp: 688494
Ion Ratio Lower Upper
93 100
63 87.2 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.00 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 146 Resp: 587765
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.04 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampled :

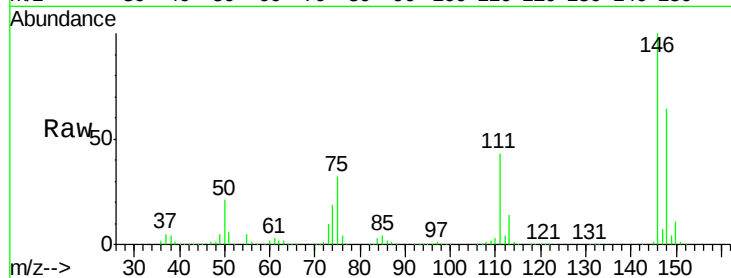
Tot Ion:146 Resp: 586063

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

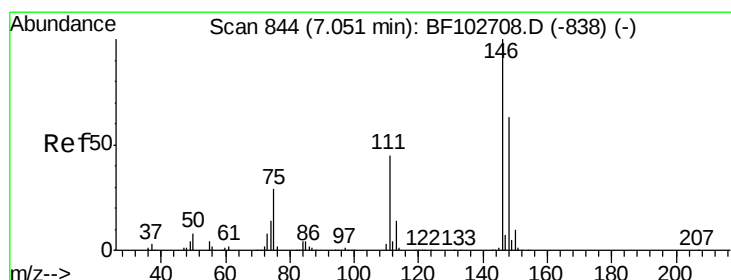
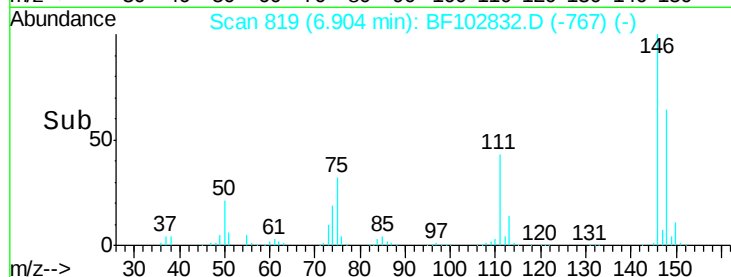
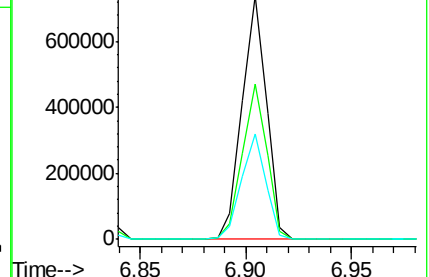
111 43.2 34.2 51.2



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: 39.08 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

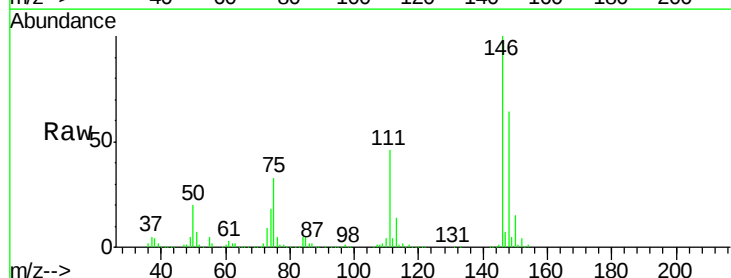
Tgt Ion:146 Resp: 546470

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

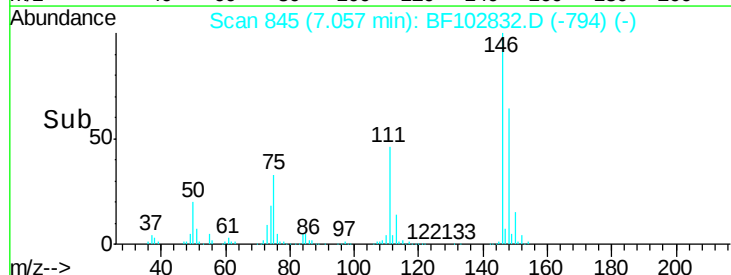
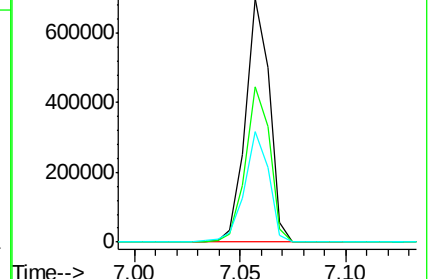
111 45.6 36.0 54.0

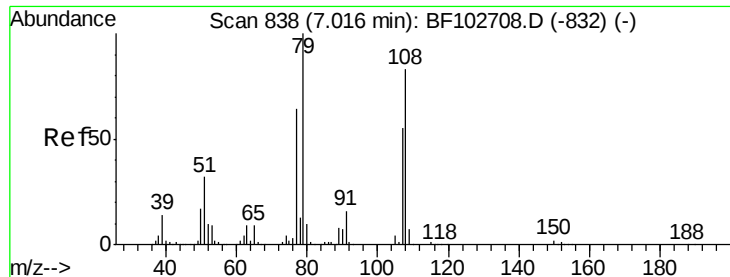


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.07 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

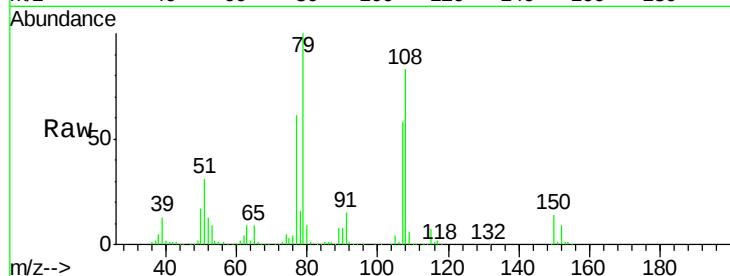
Tot Ion: 79 Resp: 492345

Ion Ratio Lower Upper

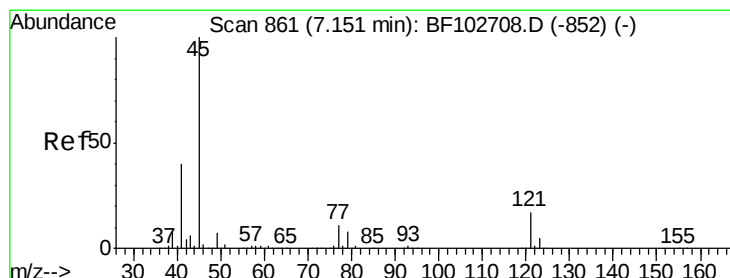
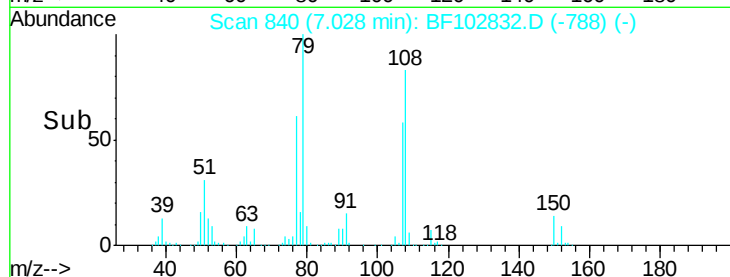
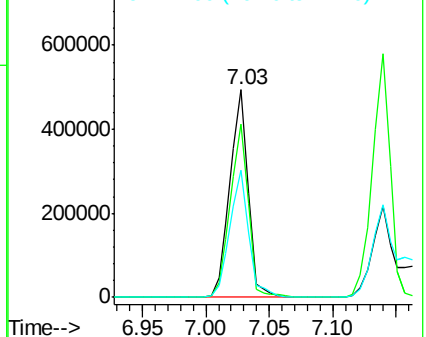
79 100

108 83.3 65.1 97.7

77 61.3 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: 38.79 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

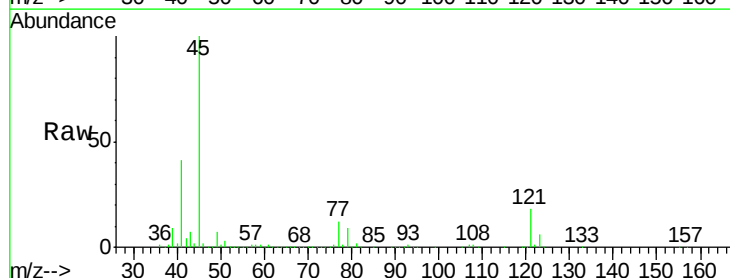
Tgt Ion: 45 Resp: 1000125

Ion Ratio Lower Upper

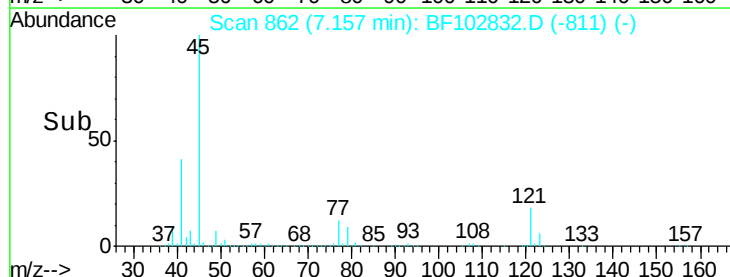
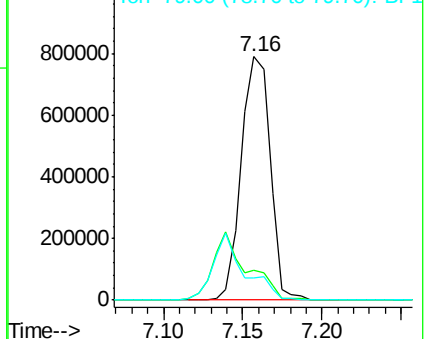
45 100

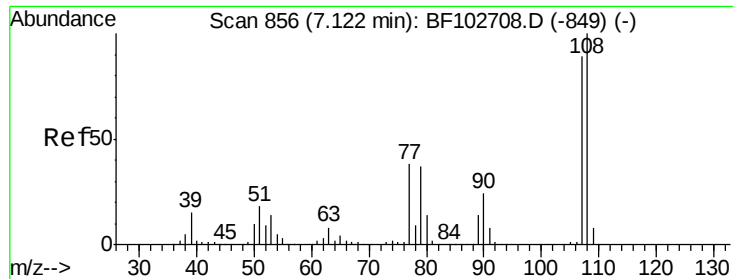
77 12.2 0.0 32.9

79 9.2 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

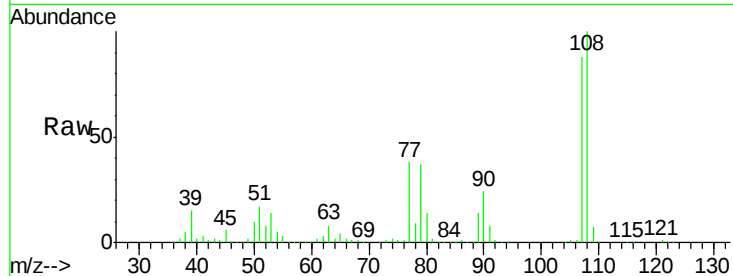




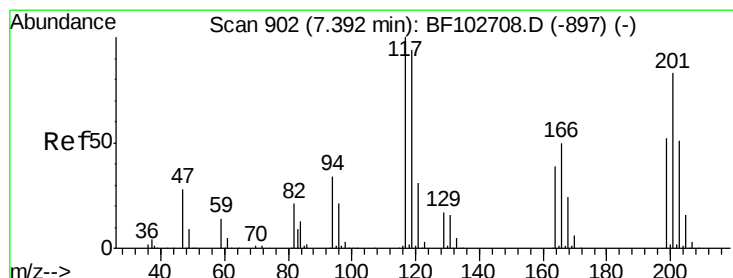
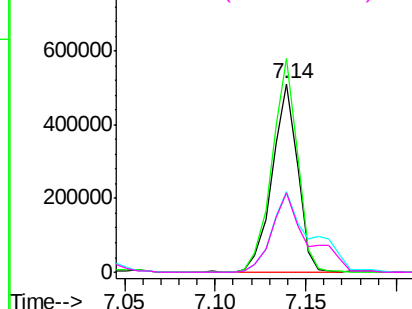
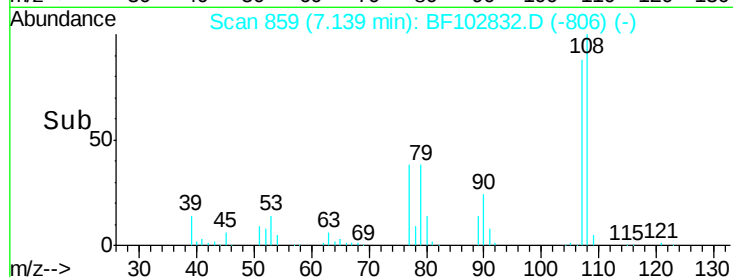
#17
2-Methylphenol
Concen: 41.41 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 497154
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 42.9 33.8 50.8
79 42.3 33.8 50.8

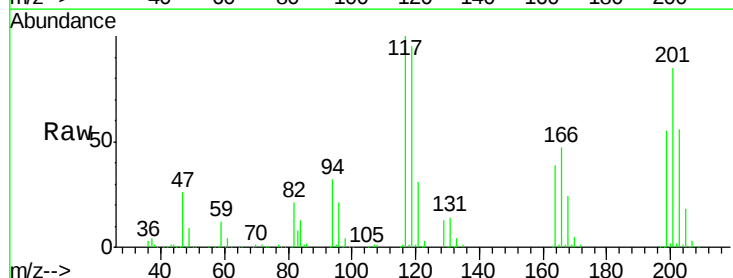


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

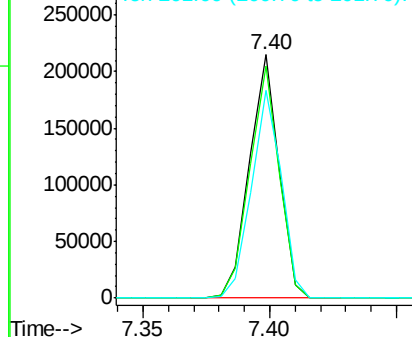
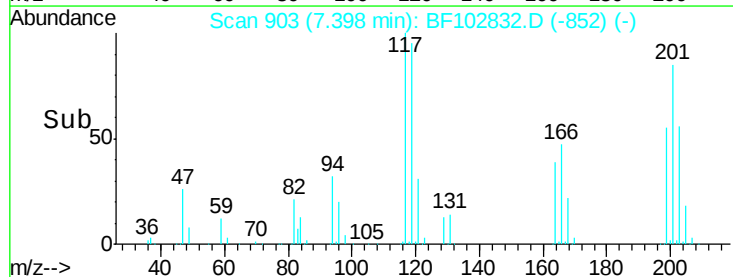


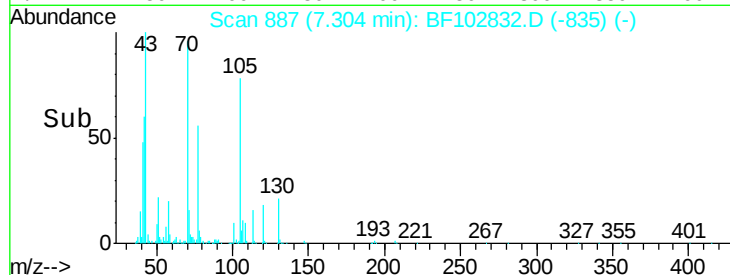
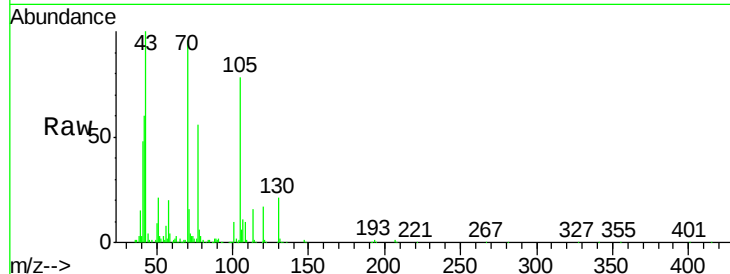
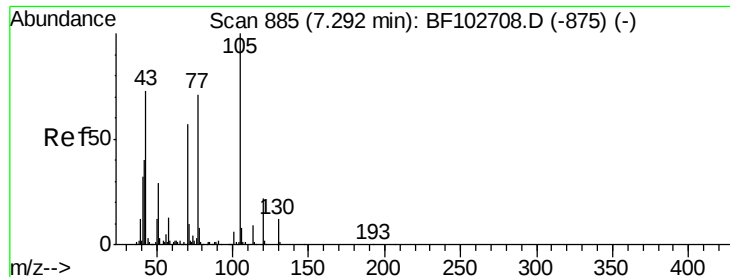
#18
Hexachloroethane
Concen: 33.79 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:117 Resp: 173951
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 85.2 75.7 113.5



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

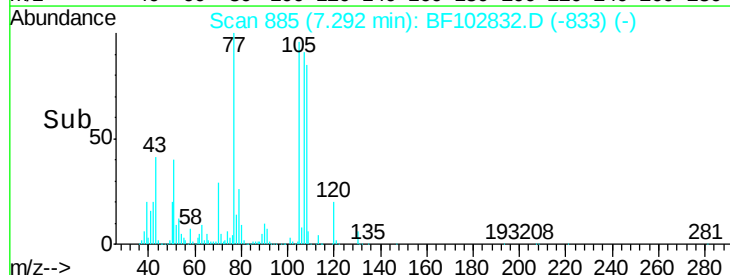
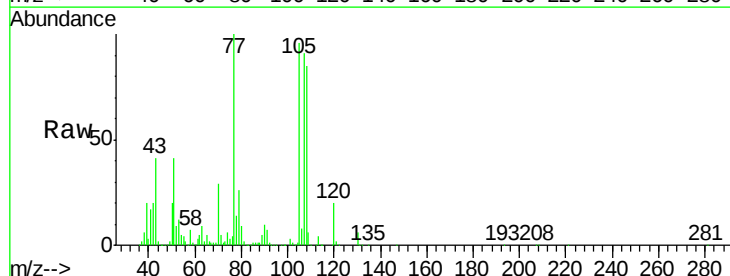
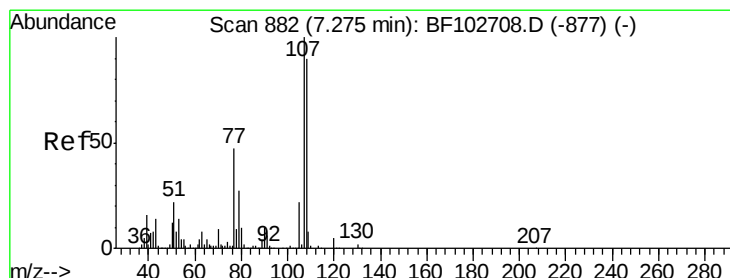
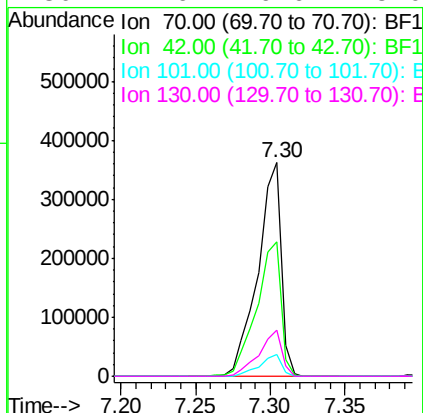




#19
n-Nitroso-di-n-propylamine
Concen: 38.81 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

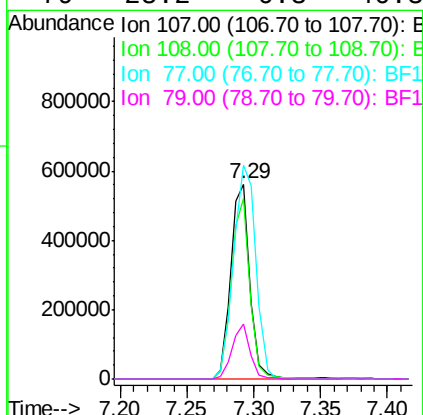
Instrument :
BNA_F
ClientSampled :

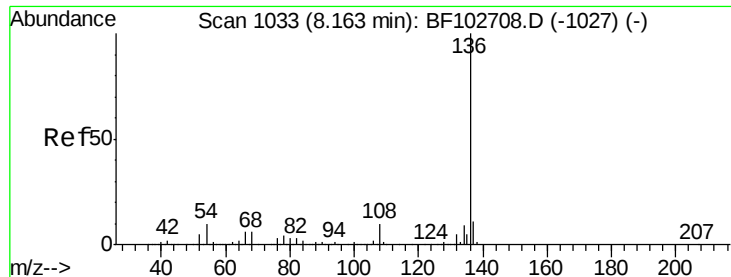
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.5	71.3
101	10.0	7.4	11.2
130	21.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.05 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.2	108.2
77	109.8	26.7	66.7#
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 776190

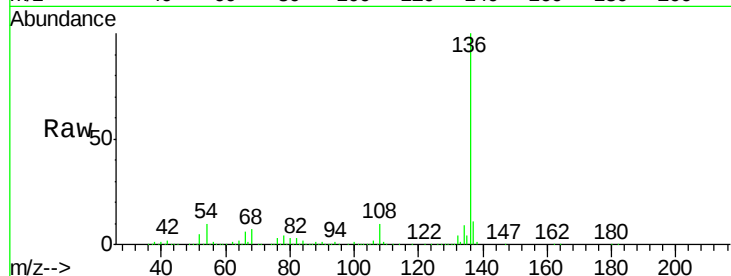
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.4 6.6 9.8#

68 6.7 5.0 7.4

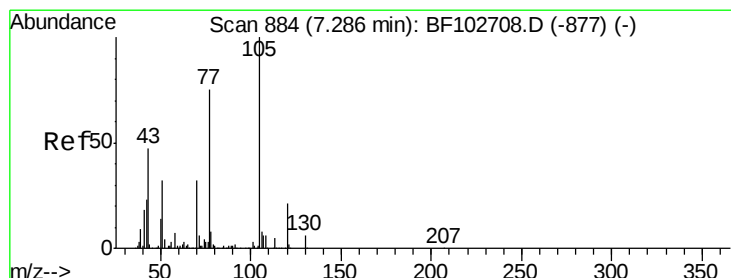
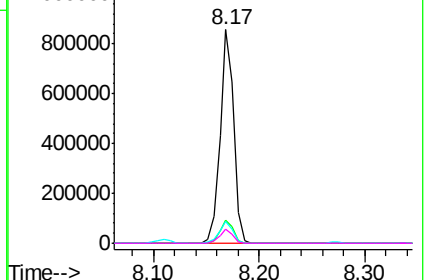
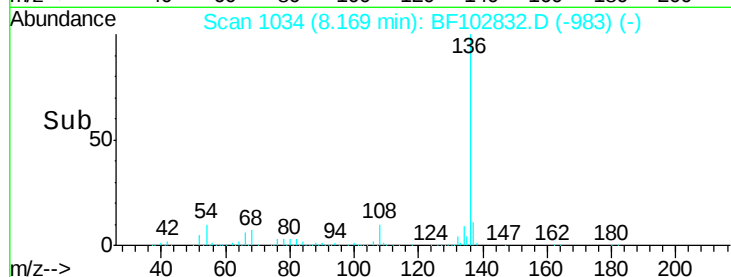


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.73 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Tgt Ion:105 Resp: 754617

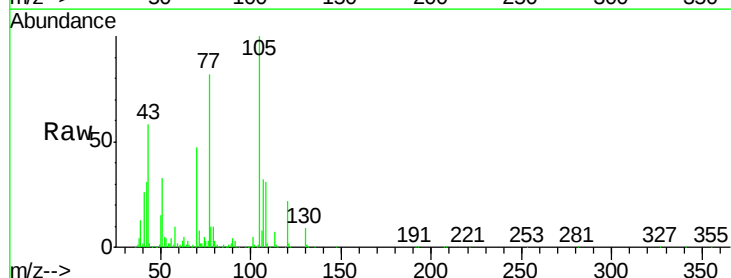
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 33.0 22.3 33.5

120 21.5 16.9 25.3

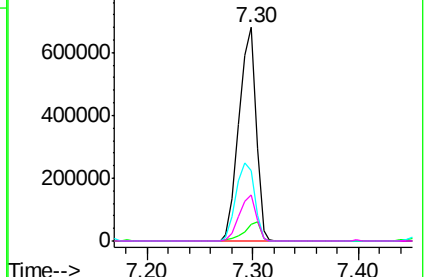
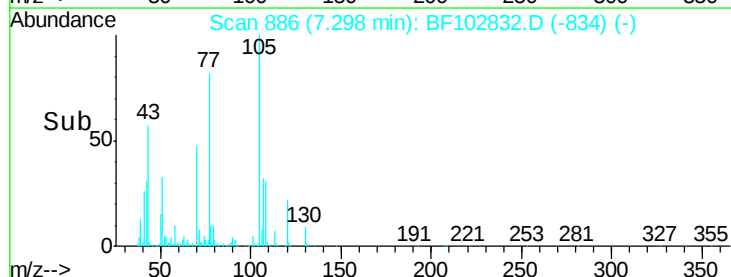


Abundance Ion 105.00 (104.70 to 105.70): E

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



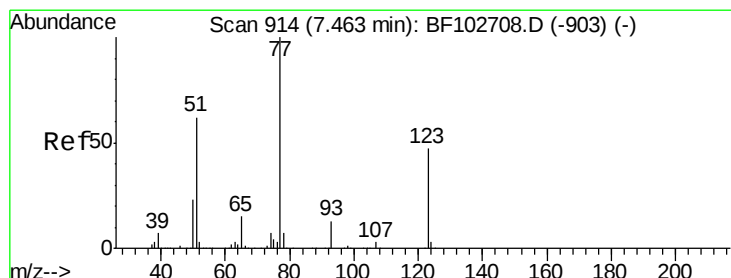
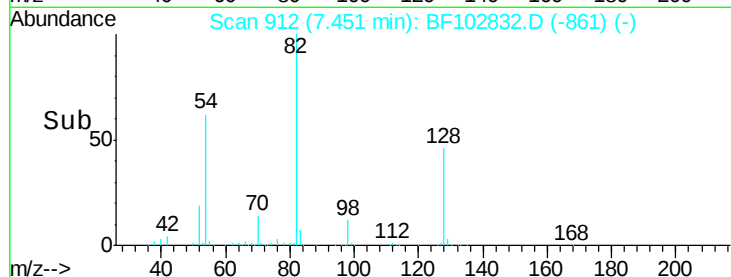
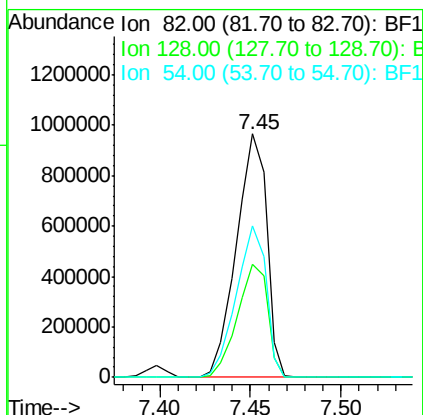
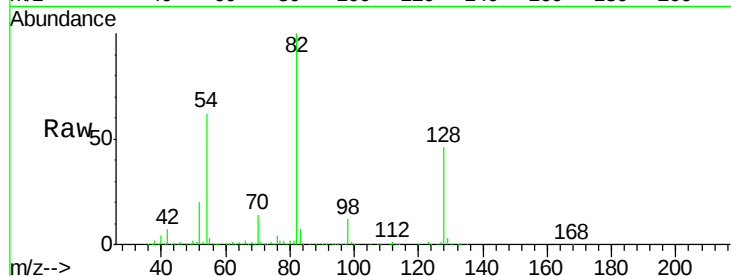


#23
 Nitrobenzene-d5
 Concen: 100.62 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1125817

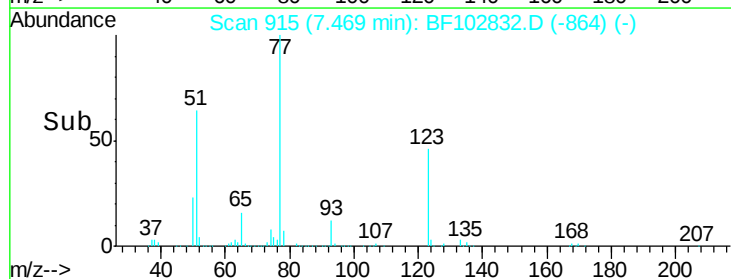
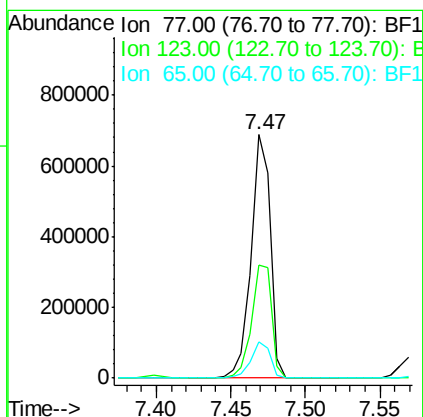
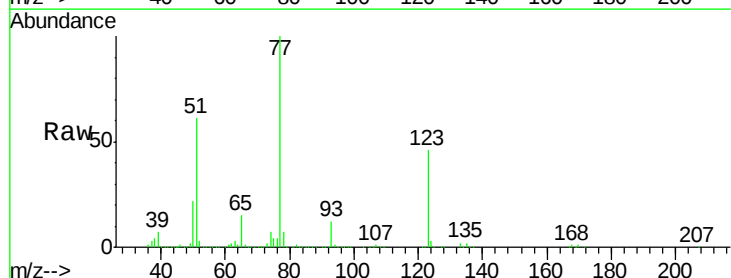
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	62.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 45.80 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion: 77 Resp: 602768

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 43.38 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampled :

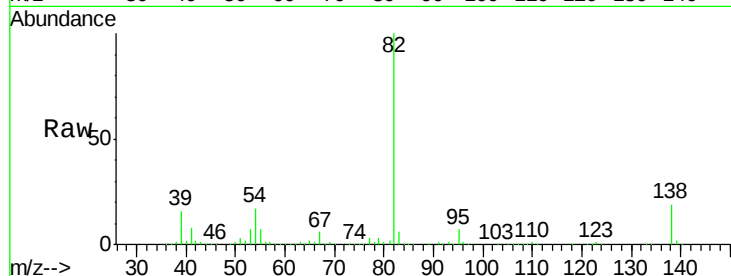
Tot Ion: 82 Resp: 1117688

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

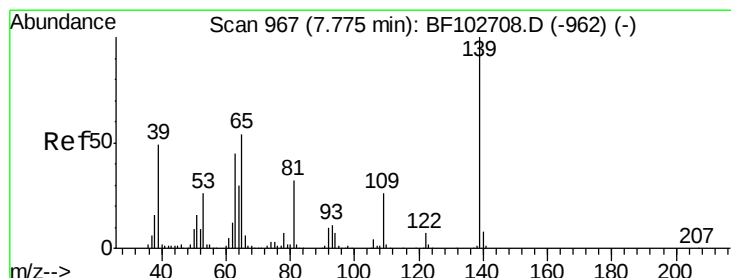
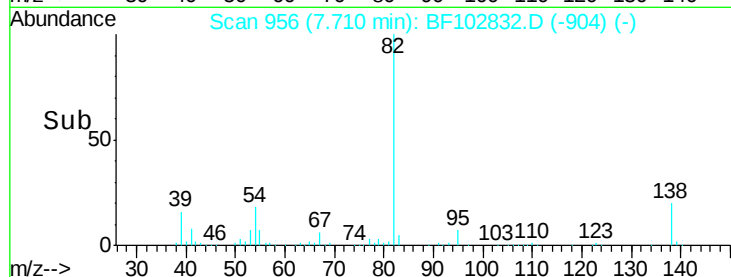
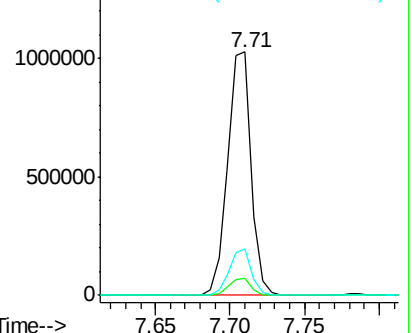
138 19.2 14.9 22.3



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: 53.79 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

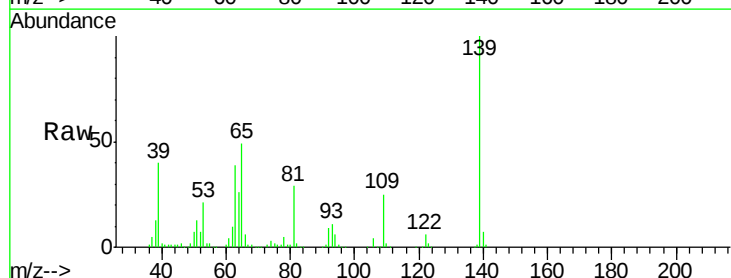
Tgt Ion: 139 Resp: 297726

Ion Ratio Lower Upper

139 100

109 24.7 22.7 34.1

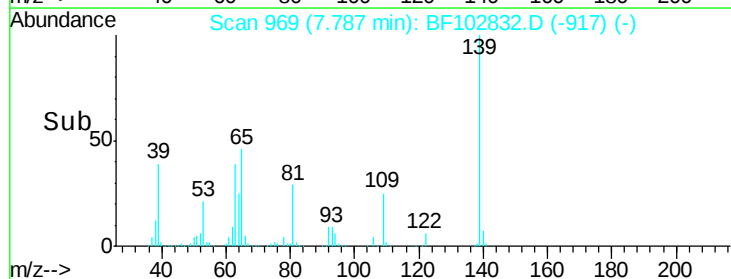
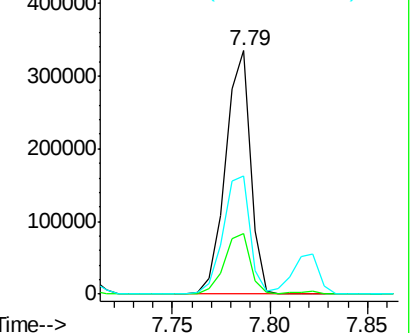
65 48.5 40.5 60.7

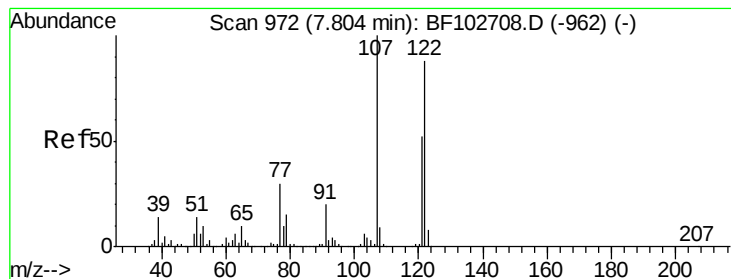


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.44 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

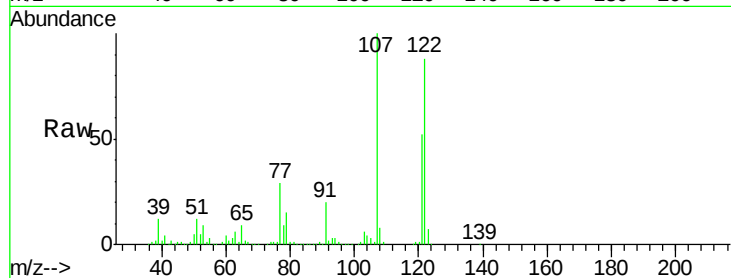
Tot Ion:122 Resp: 505456

Ion Ratio Lower Upper

122 100

107 113.5 91.2 136.8

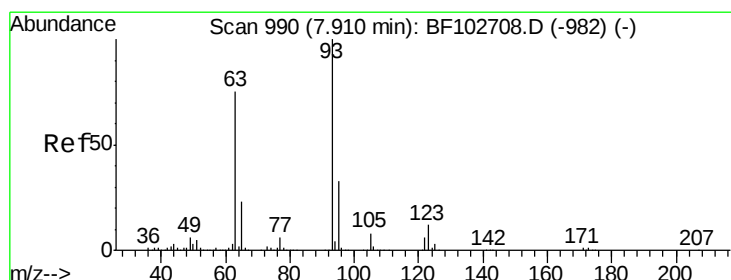
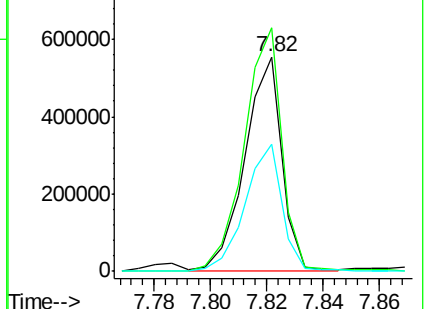
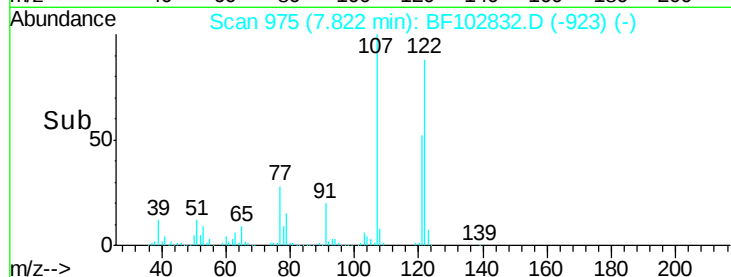
121 59.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.29 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

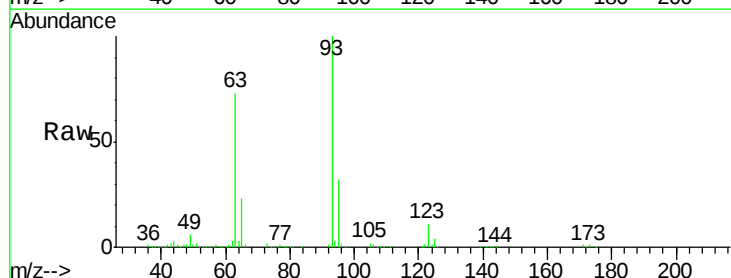
Tgt Ion: 93 Resp: 706576

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

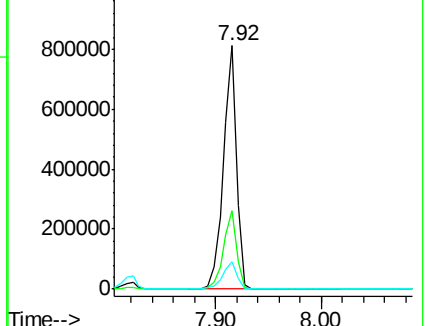
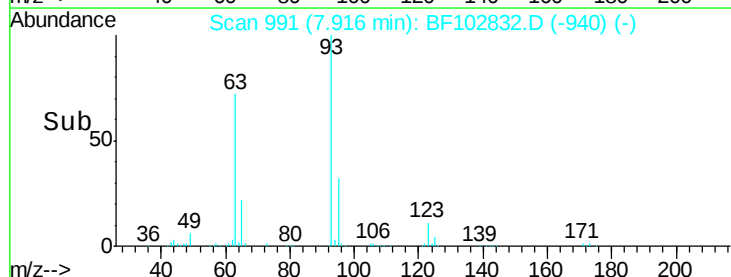
123 11.0 9.8 14.6

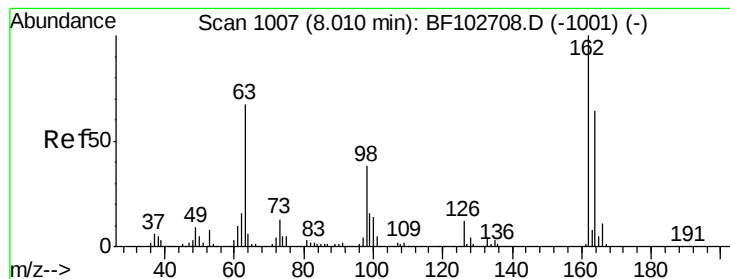


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.80 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :

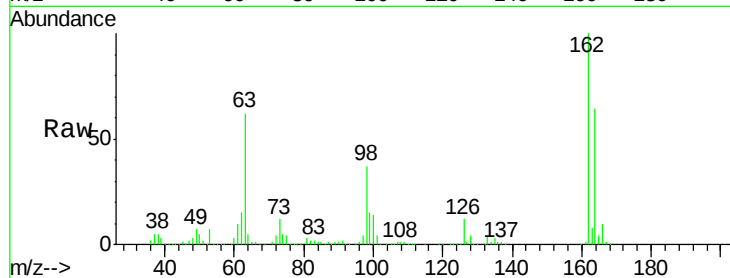
Tot Ion:162 Resp: 463082

Ion Ratio Lower Upper

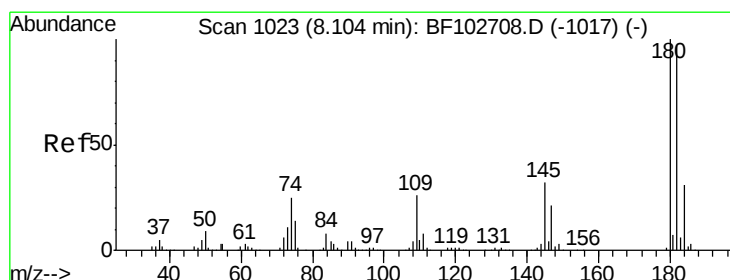
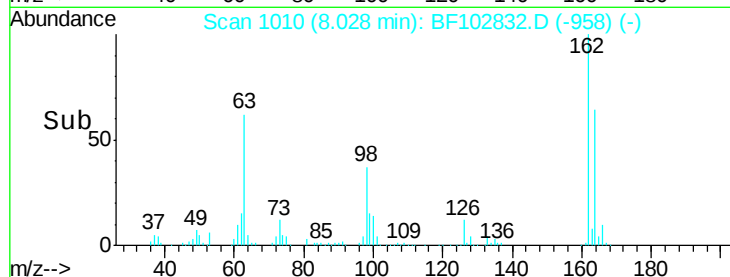
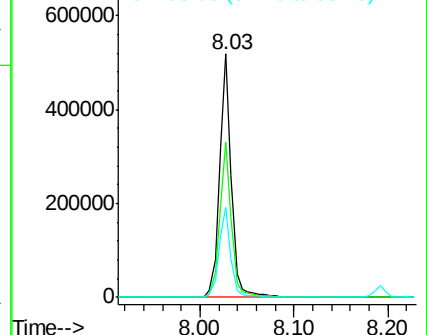
162 100

164 64.0 42.7 82.7

98 37.0 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: 40.40 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

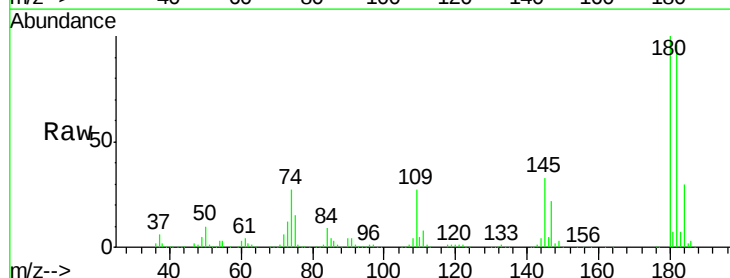
Tgt Ion:180 Resp: 452269

Ion Ratio Lower Upper

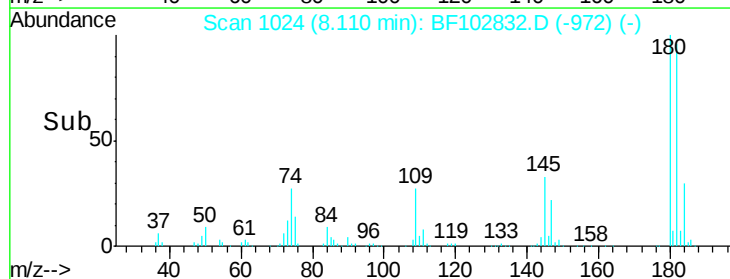
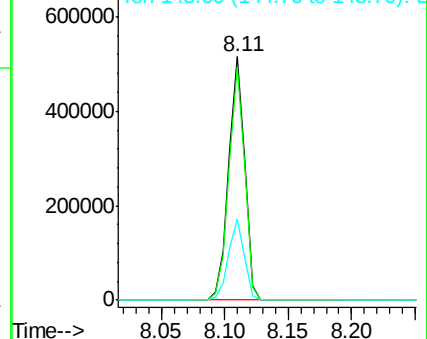
180 100

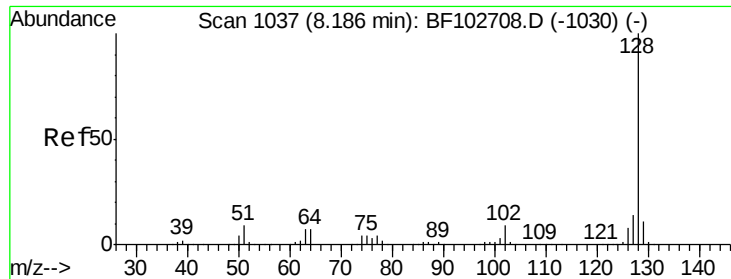
182 95.7 76.8 115.2

145 33.4 26.5 39.7



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

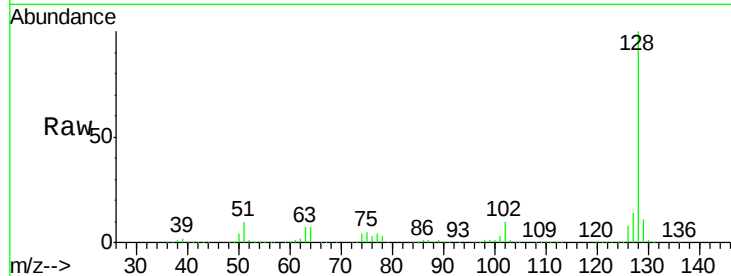




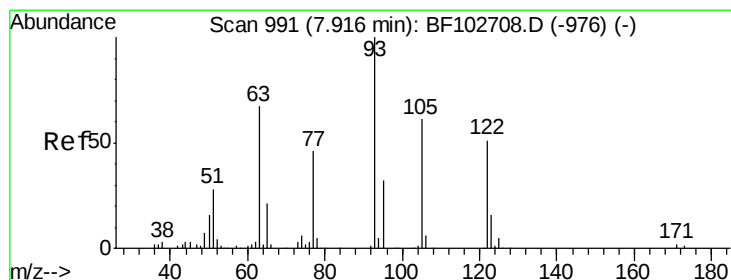
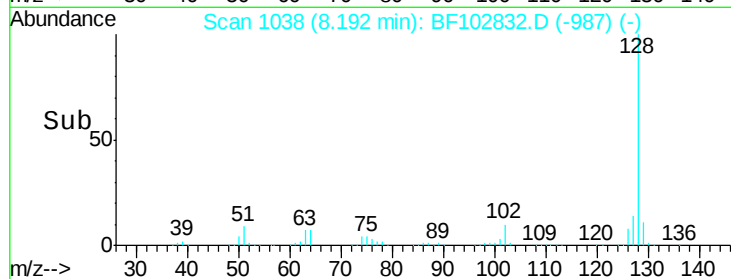
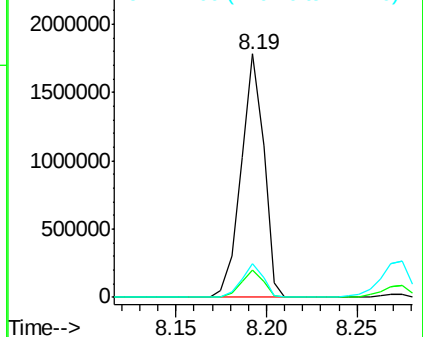
#31
Naphthalene
Concen: 40.88 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1550149
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3

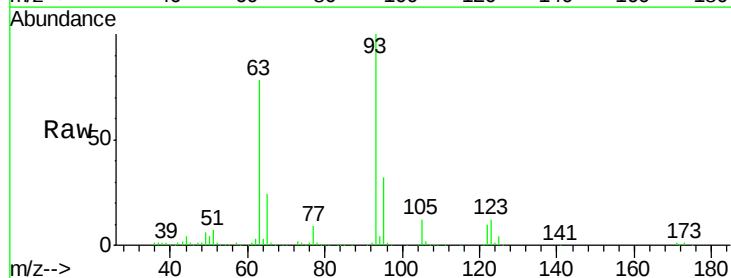


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

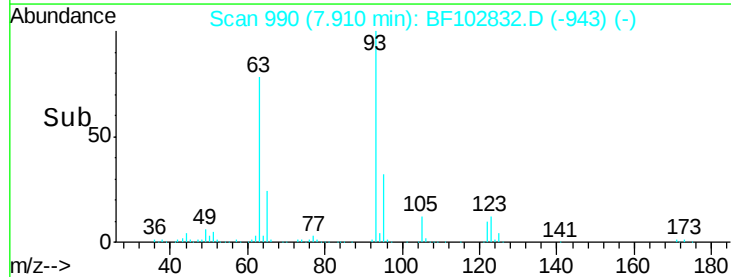
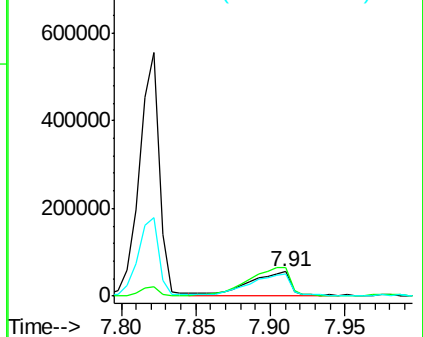


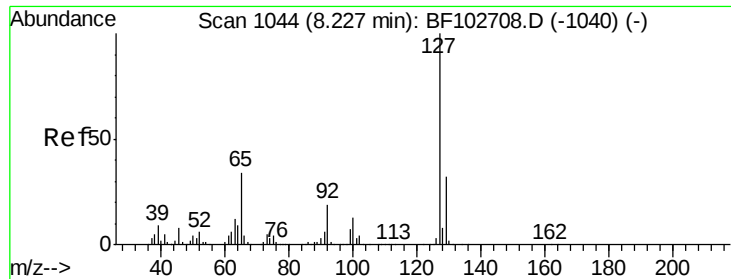
#32
Benzoic acid
Concen: 20.89 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:122 Resp: 103441
Ion Ratio Lower Upper
122 100
105 115.3 101.1 141.1
77 89.7 70.7 110.7



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

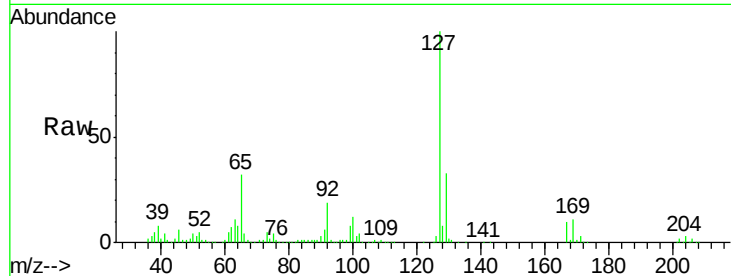




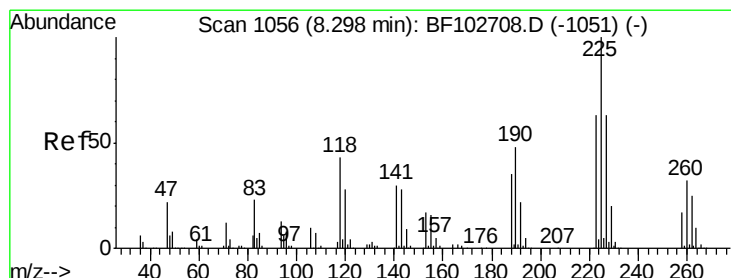
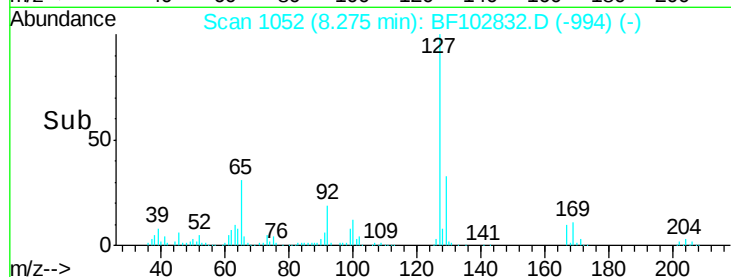
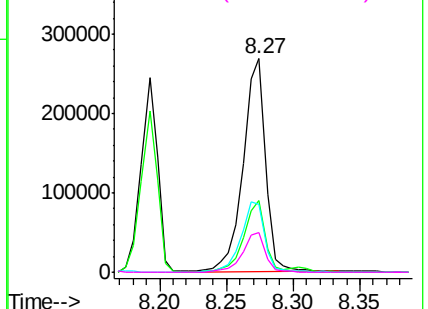
#33
4-Chloroaniline
Concen: 19.10 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.04 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	312045
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	31.8	25.0	37.4
92	18.6	15.2	22.8

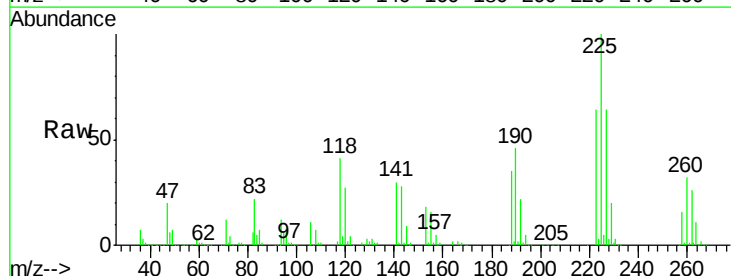


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

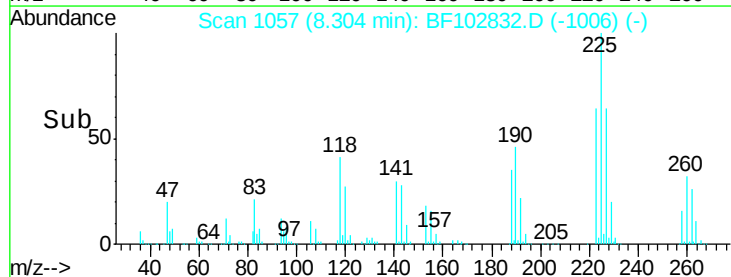
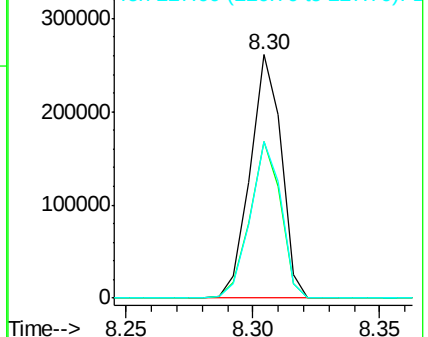


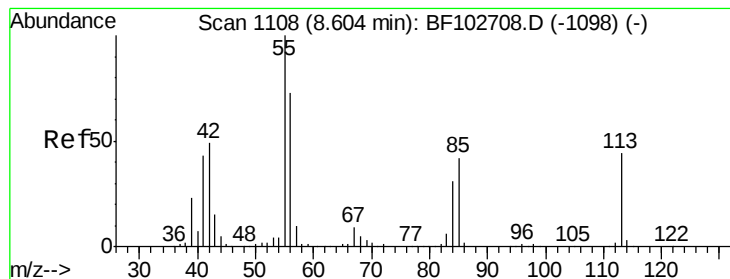
#34
Hexachlorobutadiene
Concen: 38.97 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:	225	Resp:	223558
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.2	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: 44.66 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

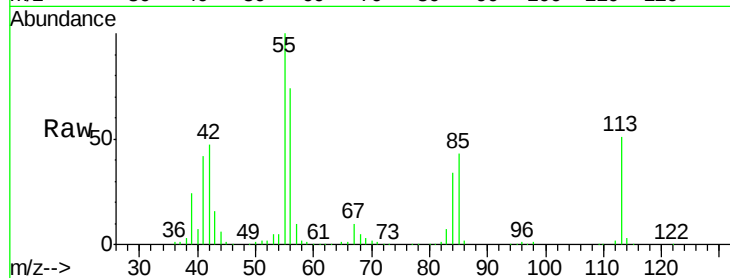
Tot Ion:113 Resp: 153459

Ion Ratio Lower Upper

113 100

55 197.7 163.3 203.3

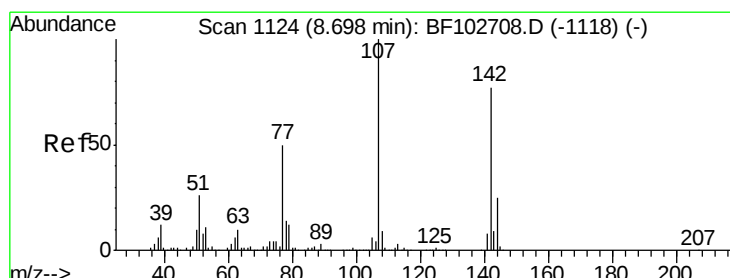
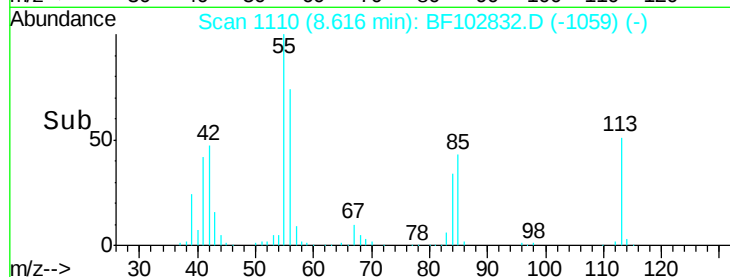
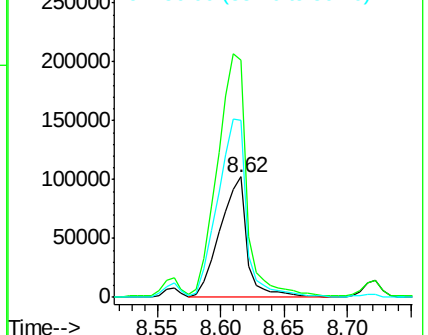
56 147.1 115.7 155.7



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: 44.95 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

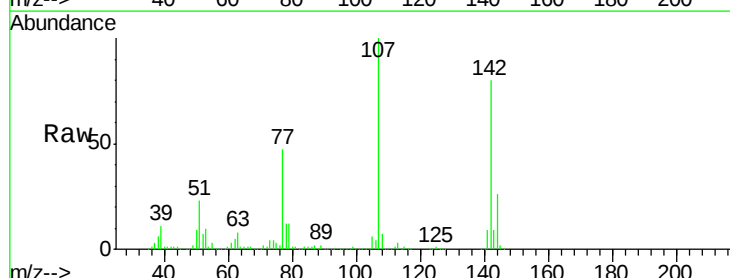
Tgt Ion:107 Resp: 499734

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

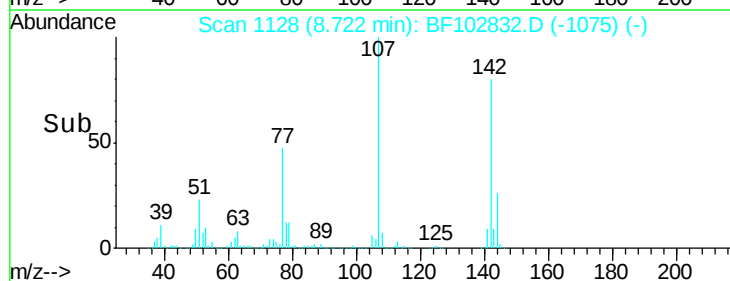
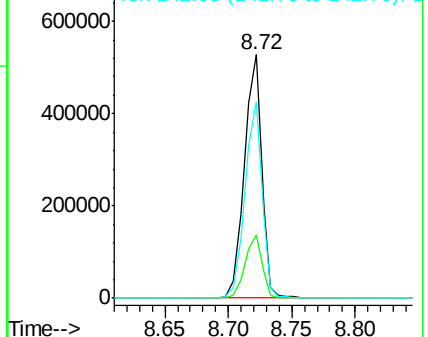
142 80.4 62.0 93.0

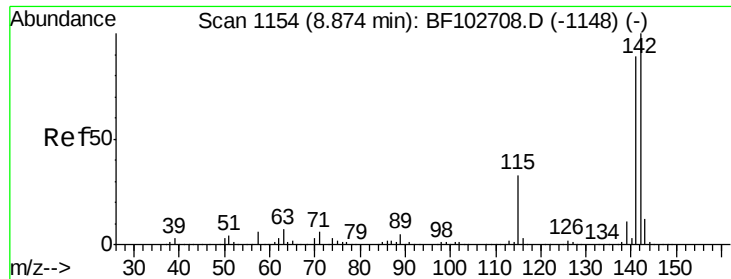


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

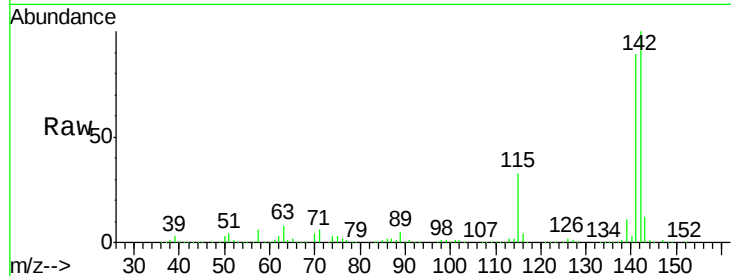




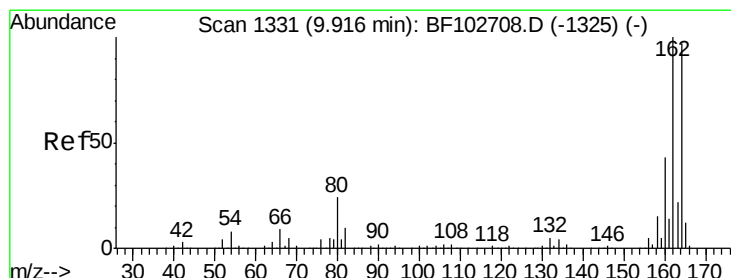
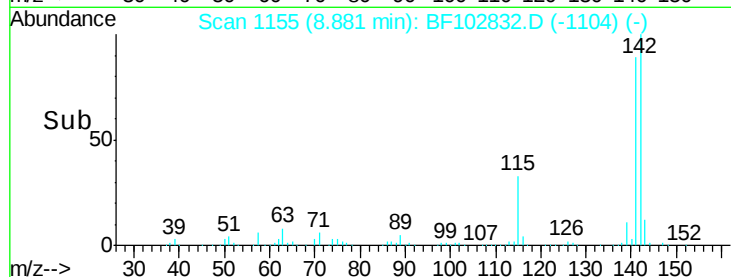
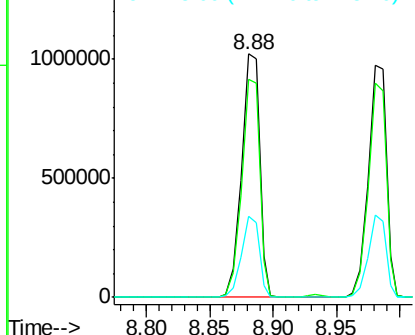
#37
2-Methylnaphthalene
Concen: 40.56 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1007133
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 33.0 26.1 39.1

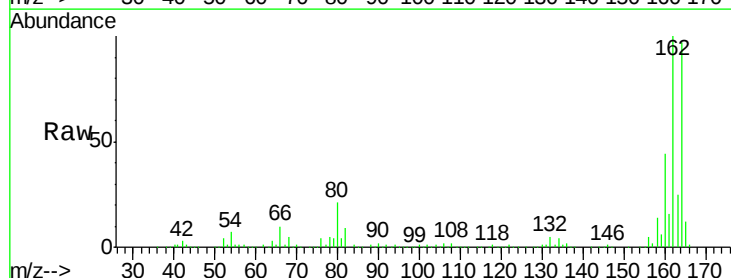


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

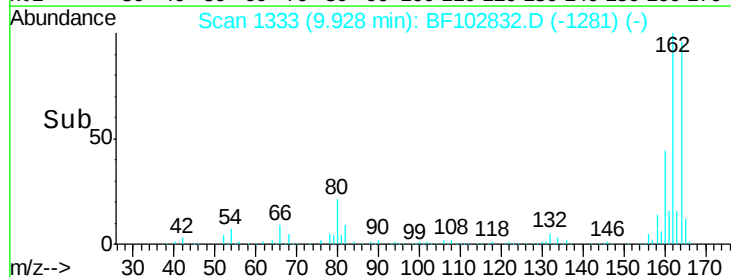
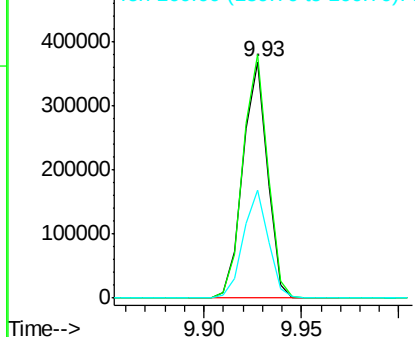


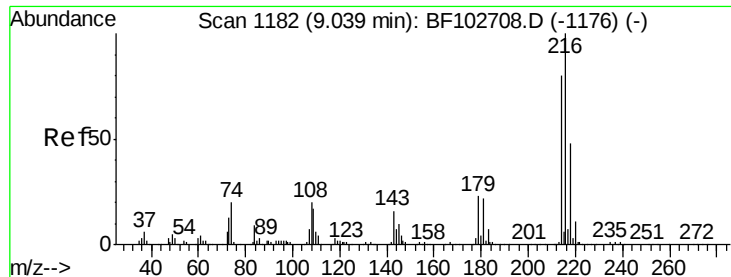
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:164 Resp: 322510
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.27 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 388744

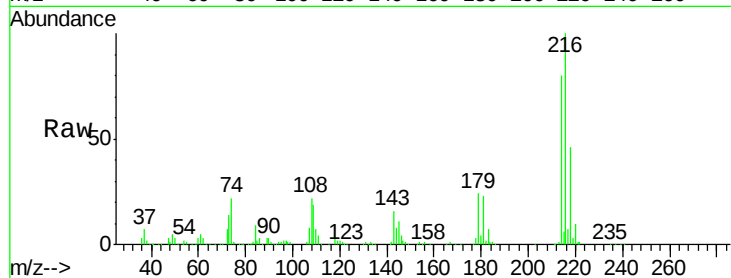
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 23.3 18.1 27.1

108 20.9 17.2 25.8

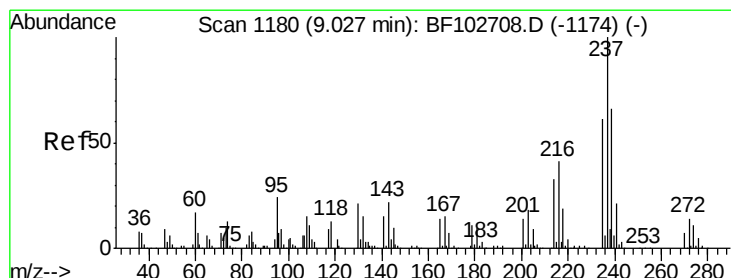
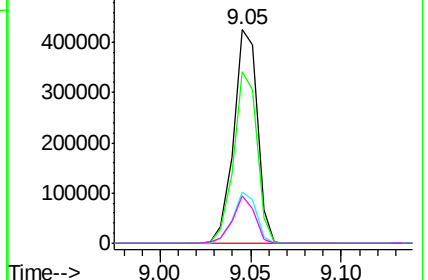
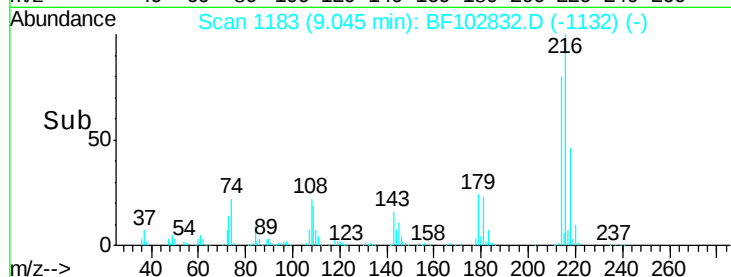


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.33 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

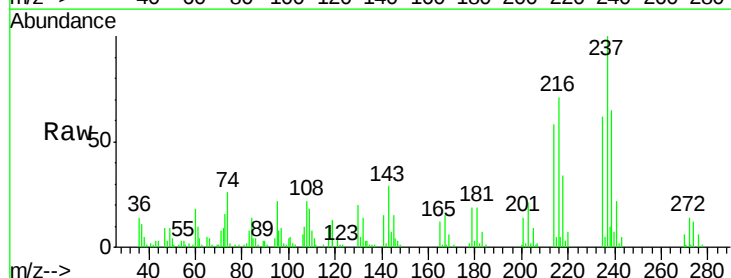
Tgt Ion:237 Resp: 47294

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

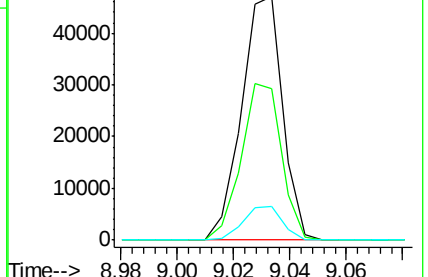
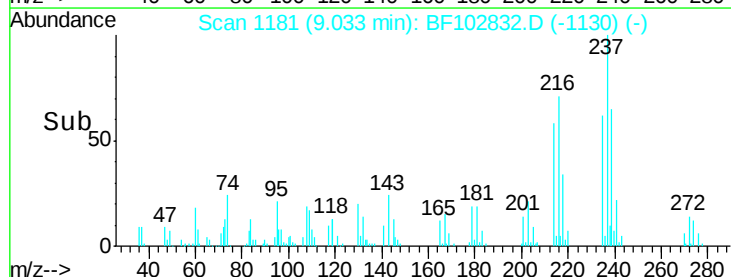
272 14.0 0.0 33.3

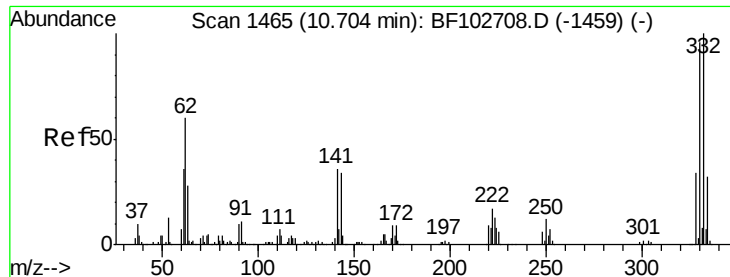


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

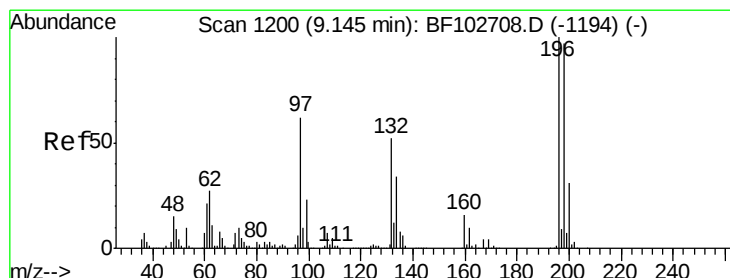
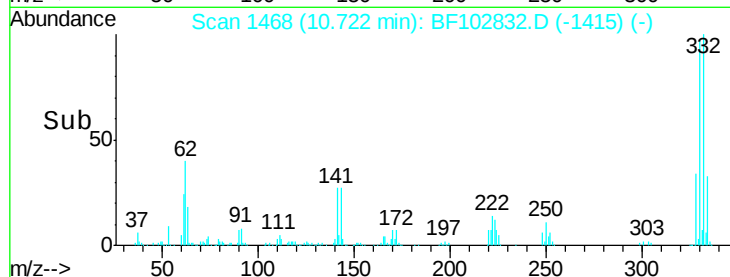
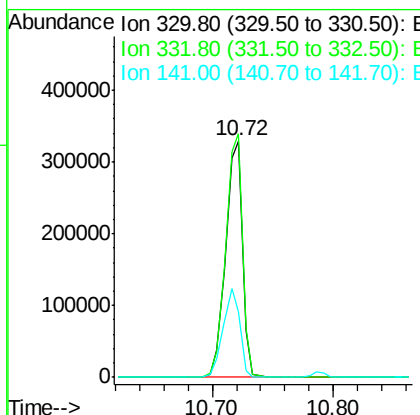
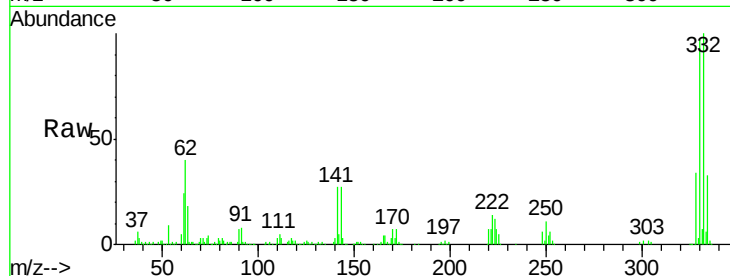




#41
 2,4,6-Tribromophenol
 Concen: 122.54 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

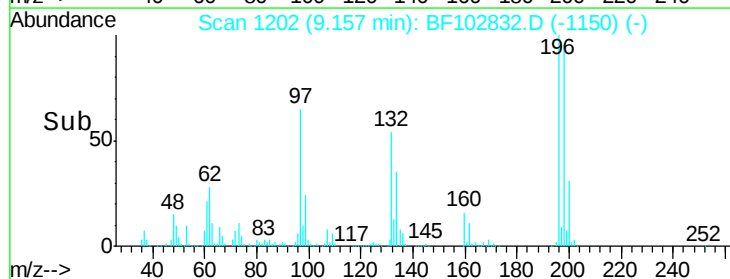
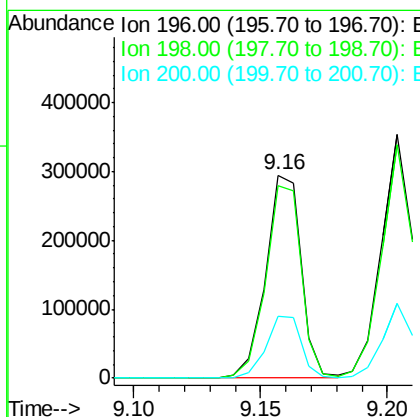
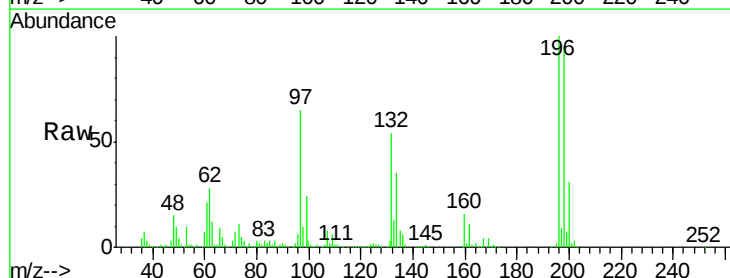
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	37.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 49.44 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
200	30.6	24.5	36.7

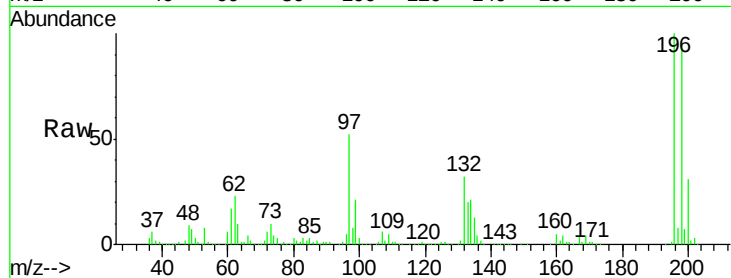




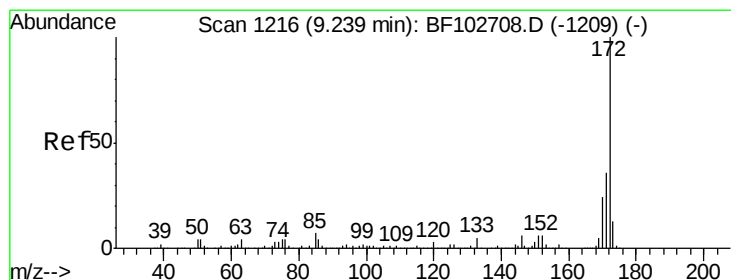
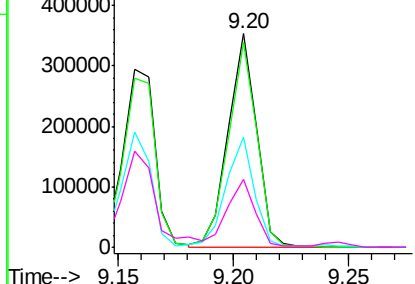
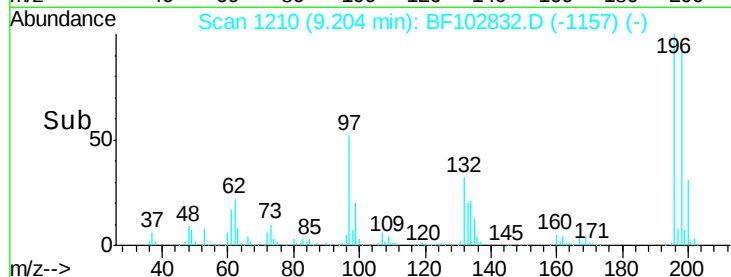
#43
 2,4,5-Trichlorophenol
 Concen: 46.55 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 302599
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.6 112.0
 97 51.7 42.9 64.3
 132 31.7 26.3 39.5

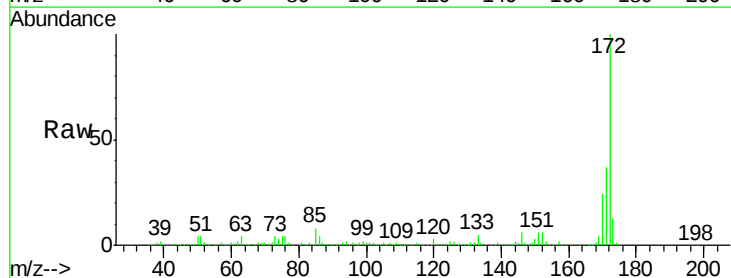


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

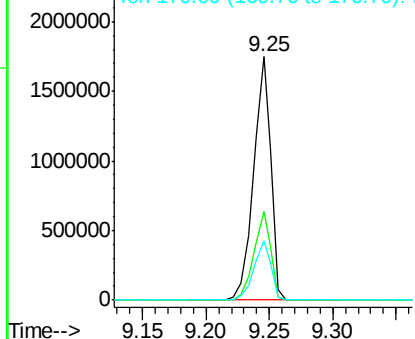
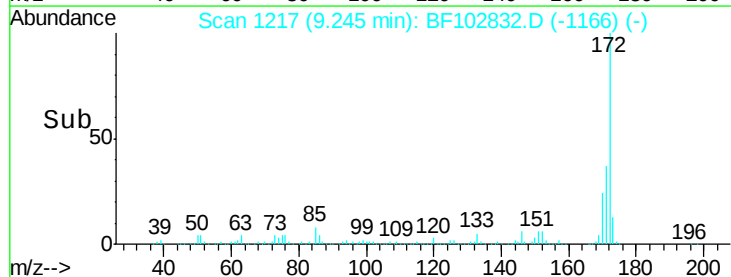


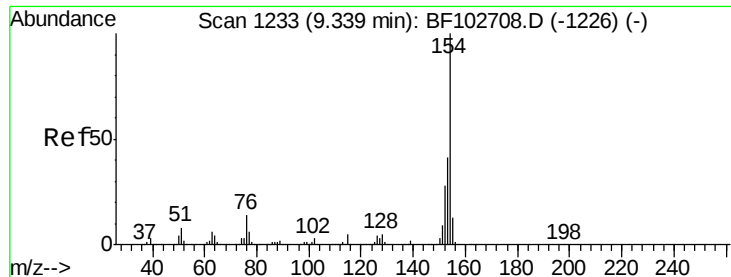
#44
 2-Fluorobiphenyl
 Concen: 85.85 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:172 Resp: 1668559
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.64 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

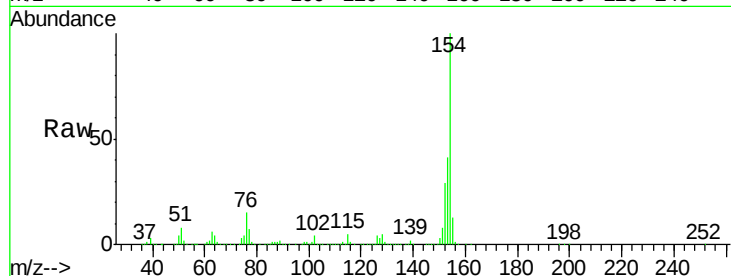
Tot Ion:154 Resp: 1131188

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

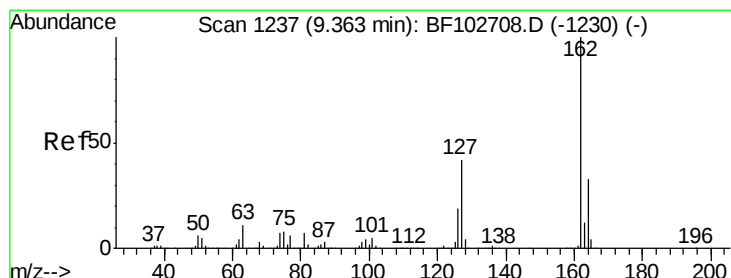
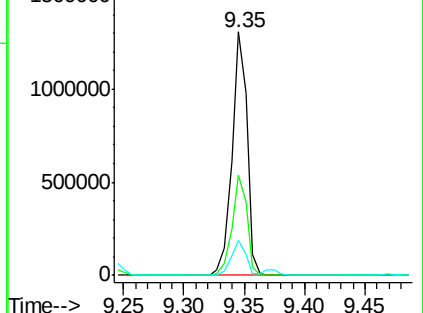
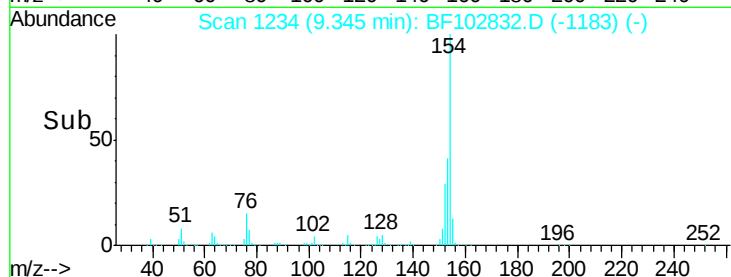
76 14.5 0.0 34.0



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: 42.07 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

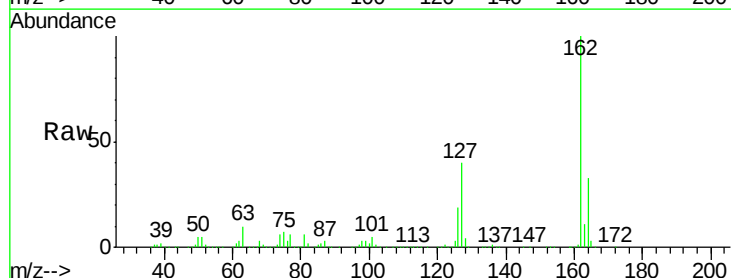
Tgt Ion:162 Resp: 899738

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

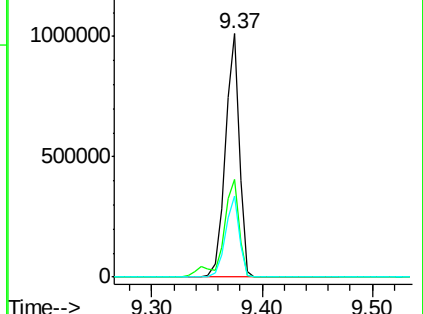
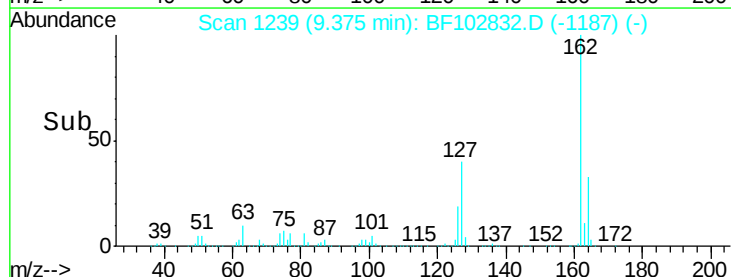
164 33.1 26.5 39.7

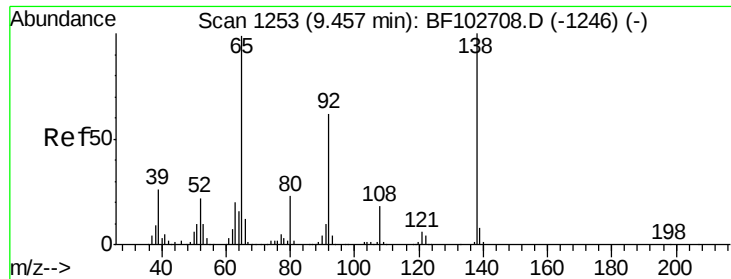


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.46 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampled :

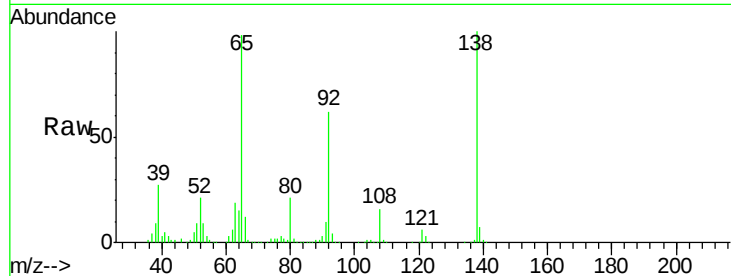
Tot Ion: 65 Resp: 348480

Ion Ratio Lower Upper

65 100

92 63.1 55.8 83.6

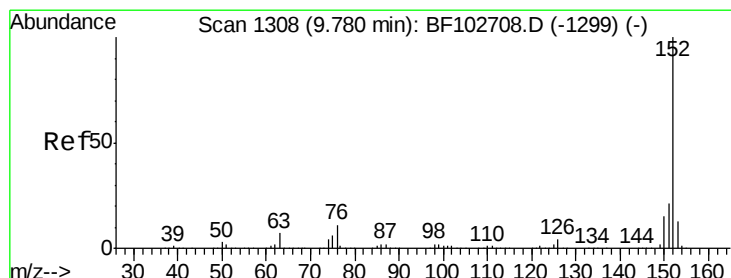
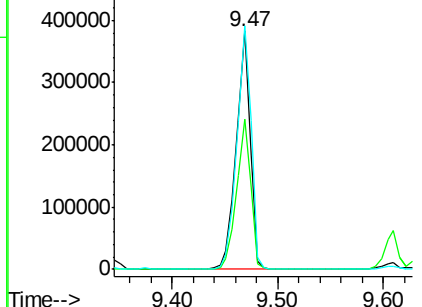
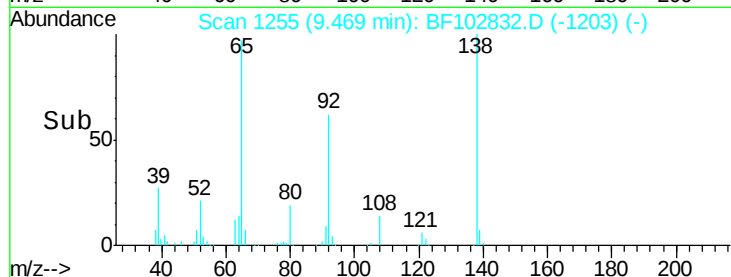
138 102.3 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 39.63 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

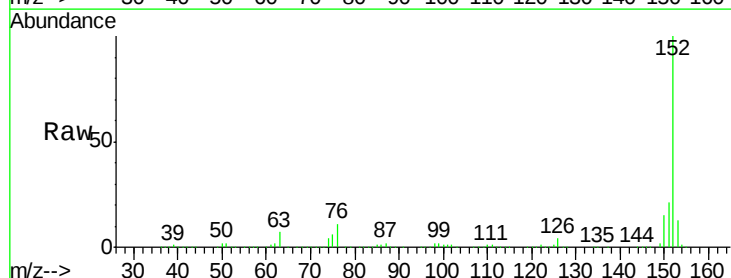
Tgt Ion: 152 Resp: 1316445

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

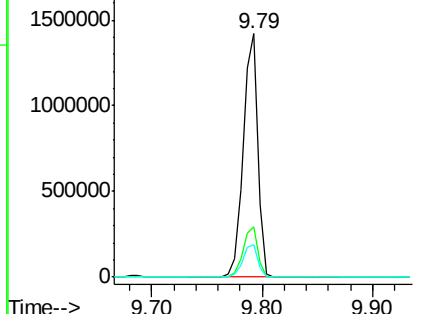
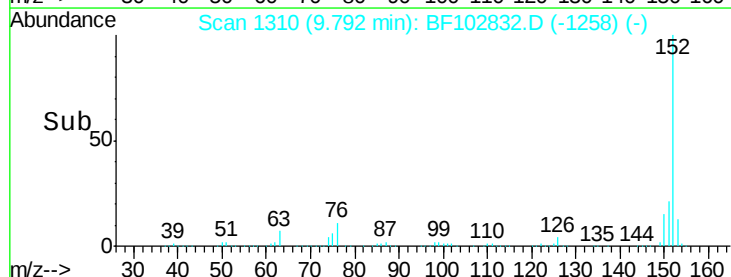
153 13.1 10.7 16.1

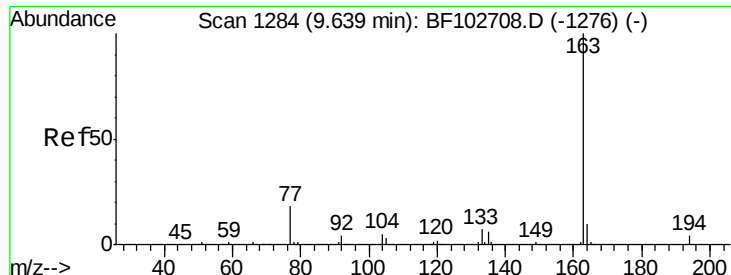


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

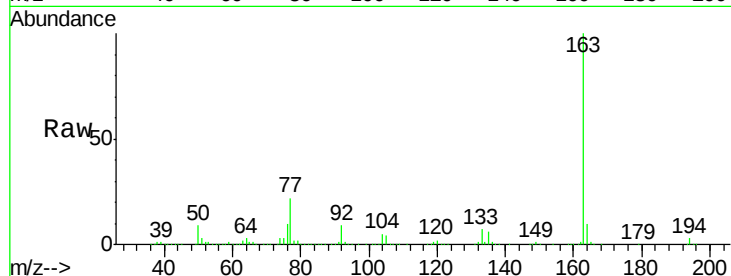




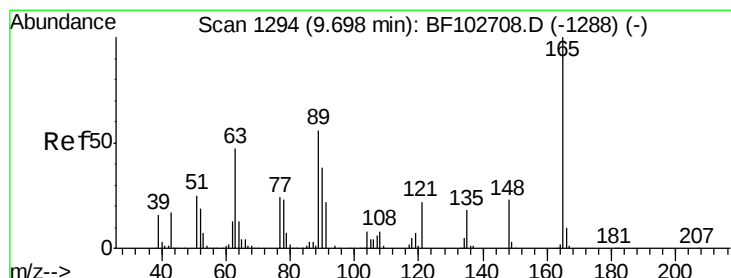
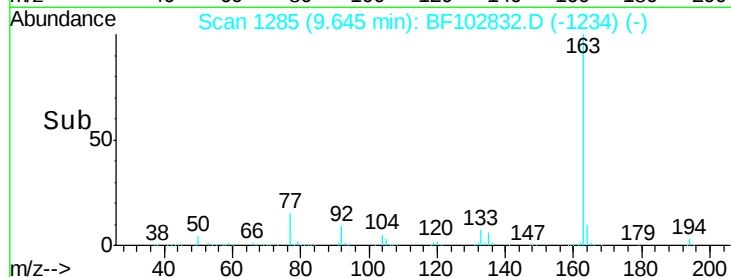
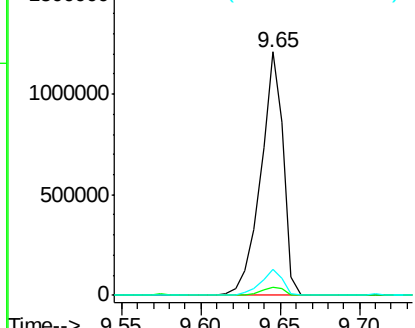
#49
Dimethylphthalate
Concen: 47.67 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1198788
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

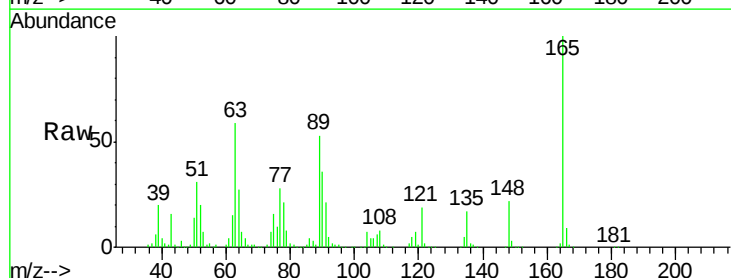


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

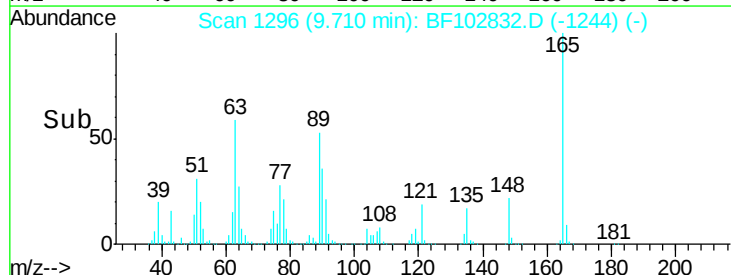
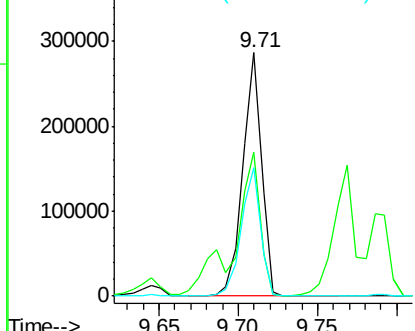


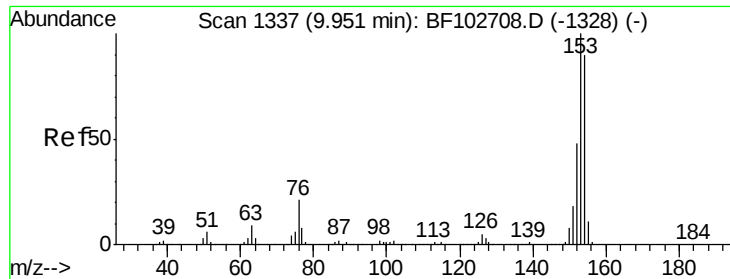
#50
2,6-Dinitrotoluene
Concen: 49.04 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:165 Resp: 234608
Ion Ratio Lower Upper
165 100
63 59.0 44.7 67.1
89 52.7 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: 39.09 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

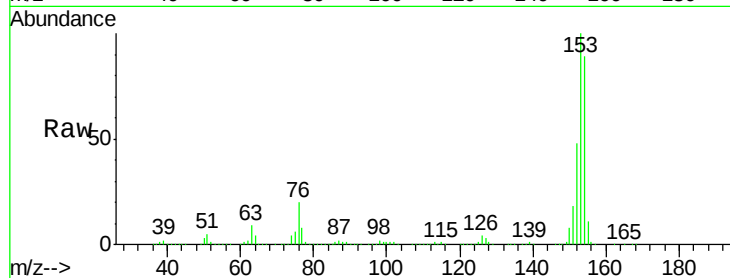
Tot Ion:154 Resp: 776438

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

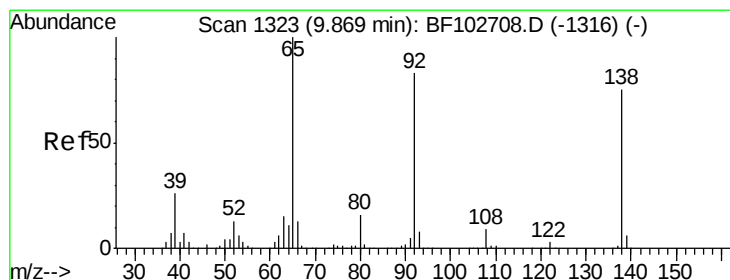
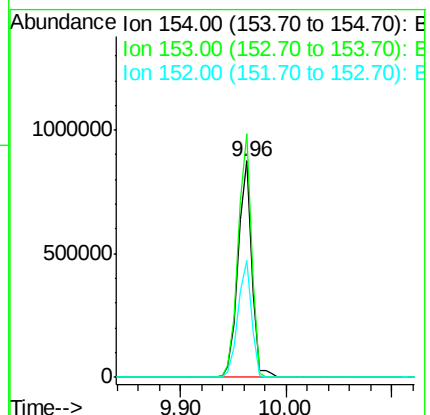
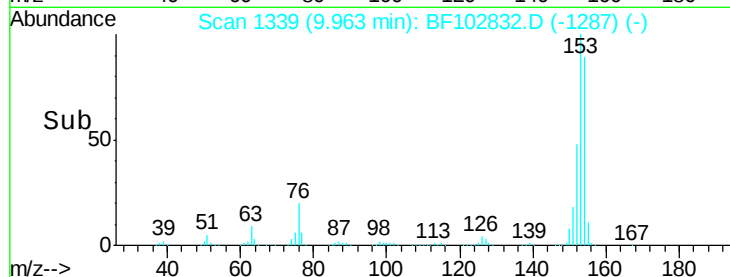
152 53.9 43.8 65.8



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: 34.41 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

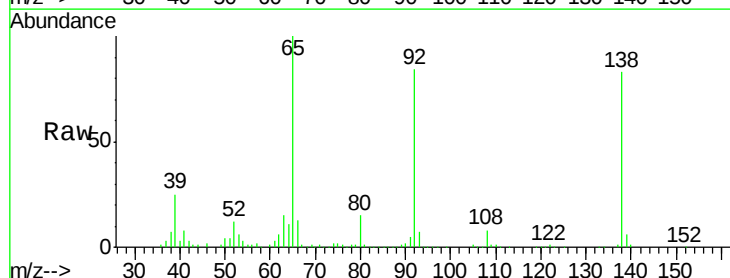
Tgt Ion:138 Resp: 202584

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

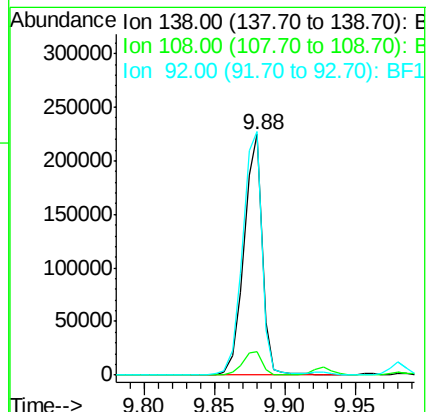
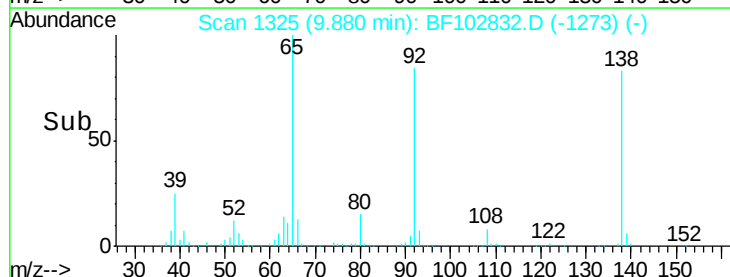
92 101.1 89.4 134.2

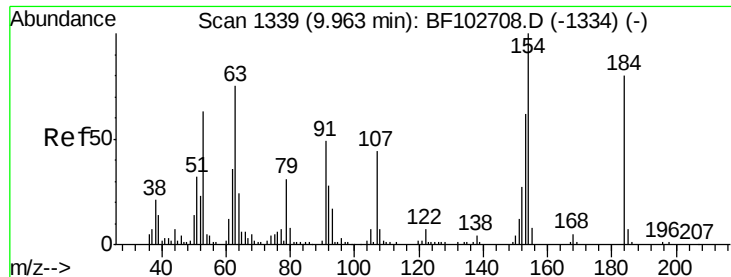


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

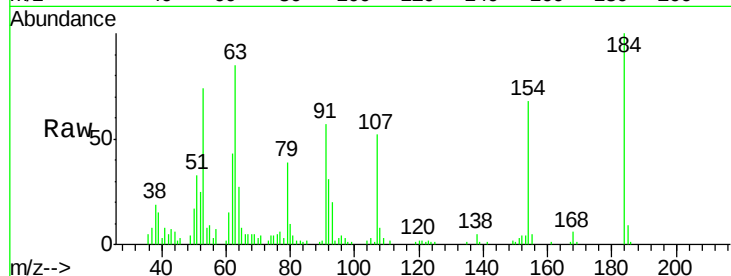




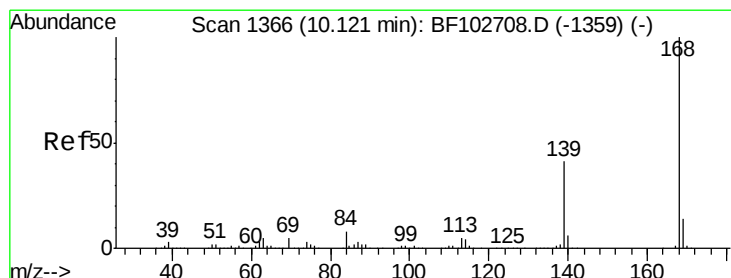
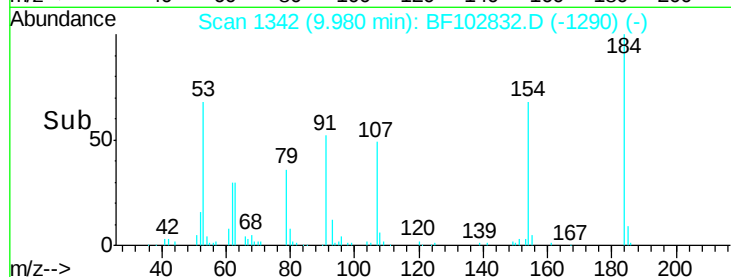
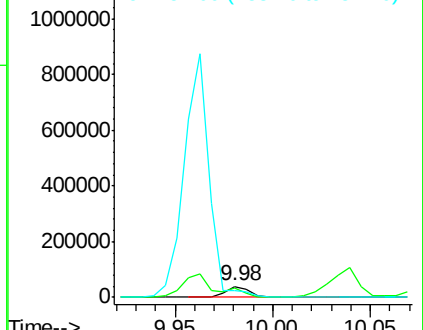
#53
2,4-Dinitrophenol
Concen: 35.88 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 33334
Ion Ratio Lower Upper
184 100
63 85.3 54.2 81.2#
154 67.9 184.0 276.0#

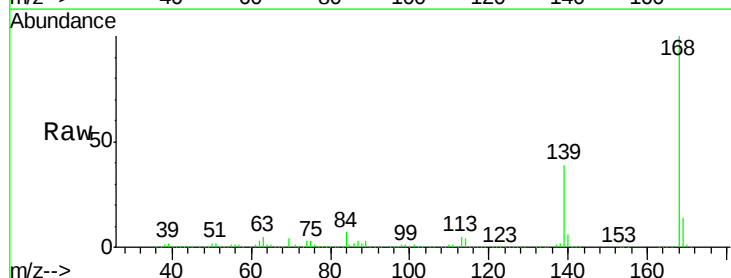


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

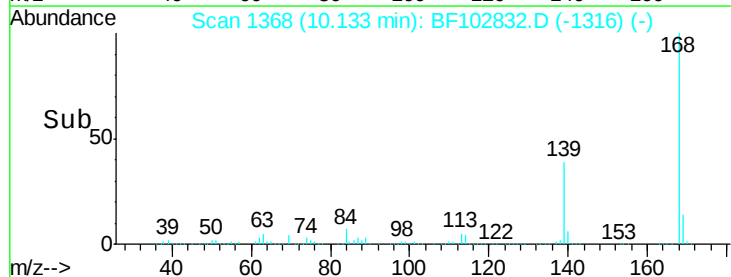
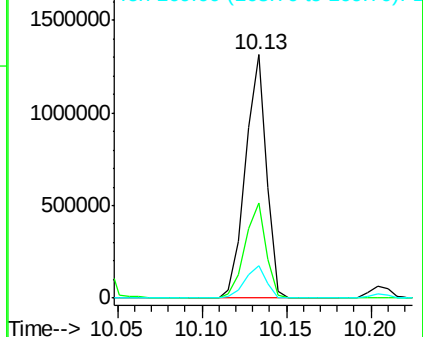


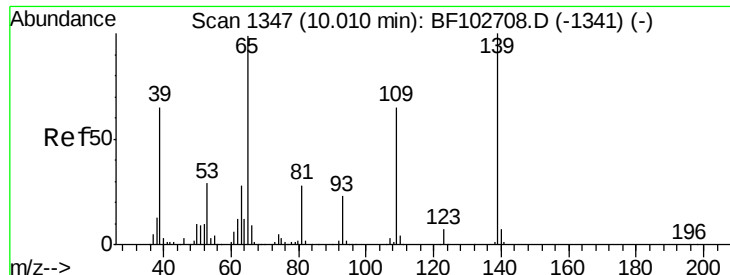
#54
Dibenzofuran
Concen: 40.74 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:168 Resp: 1140481
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.5 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

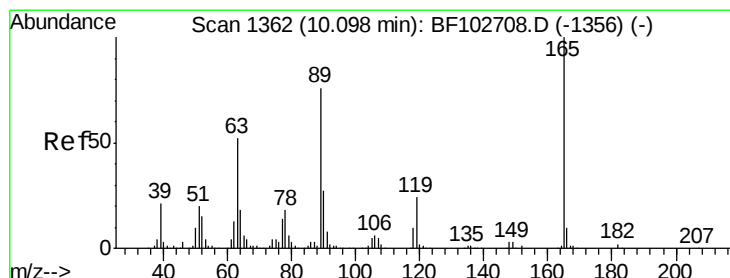
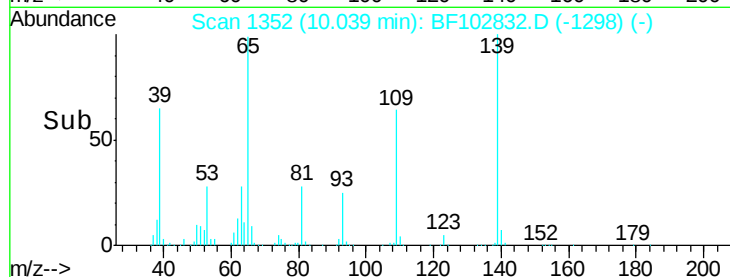
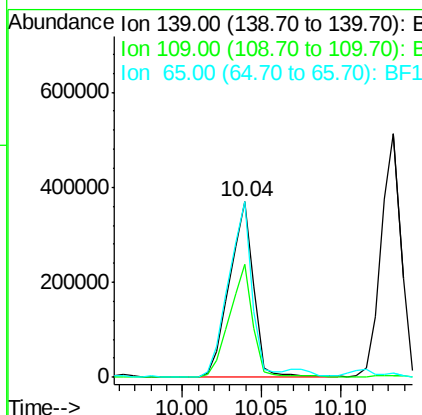
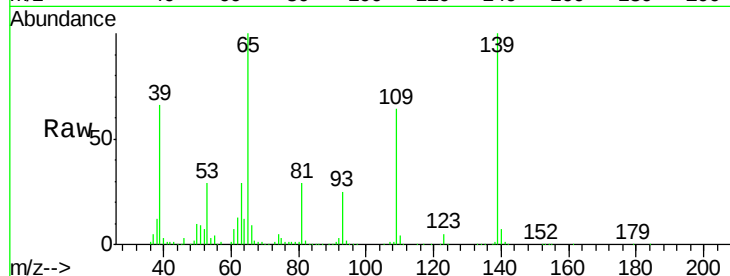




#55
4-Nitrophenol
Concen: 81.61 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

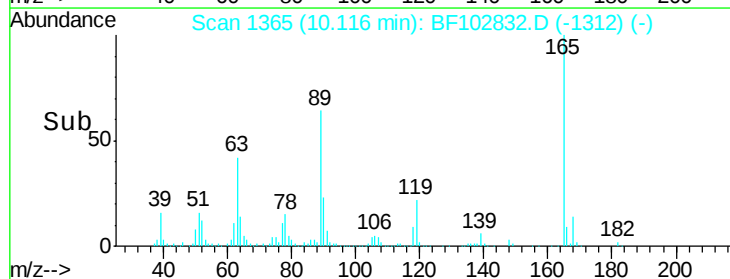
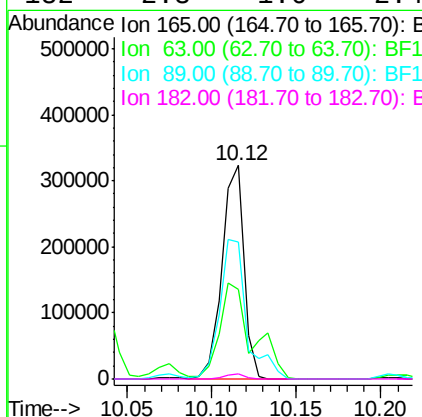
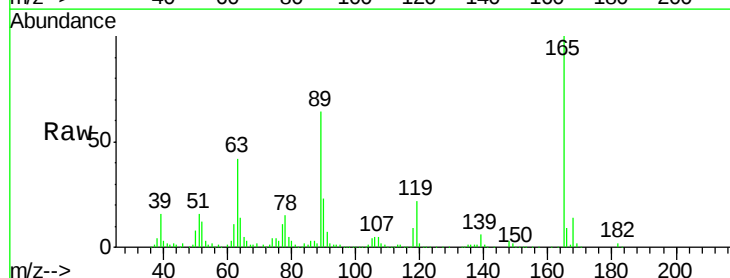
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 395219
Ion Ratio Lower Upper
139 100
109 64.4 48.4 88.4
65 99.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.78 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:165 Resp: 292772
Ion Ratio Lower Upper
165 100
63 42.0 36.4 54.6
89 64.0 57.8 86.6
182 2.3 1.6 2.4

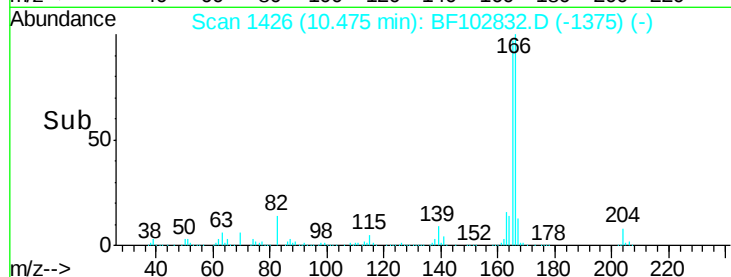
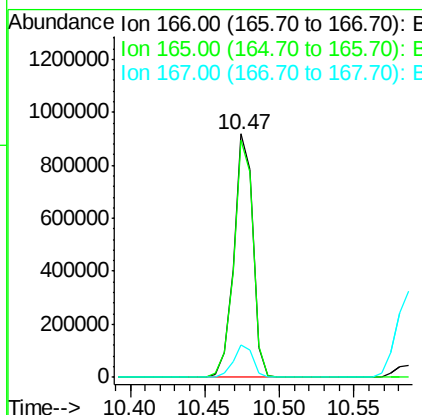
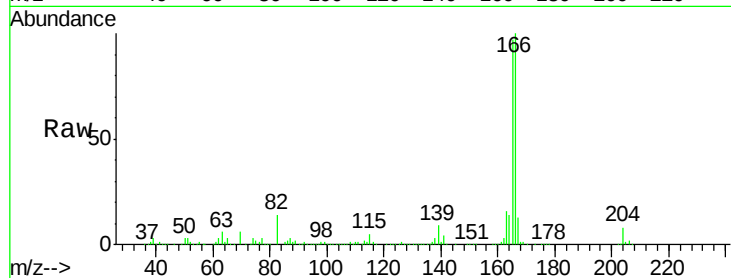




#57
 Fluorene
 Concen: 40.62 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

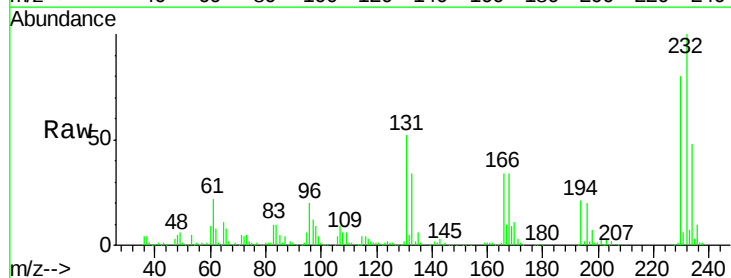
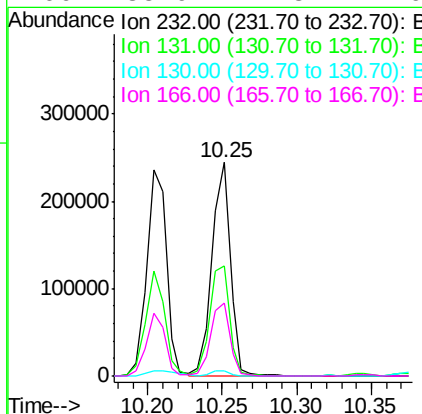
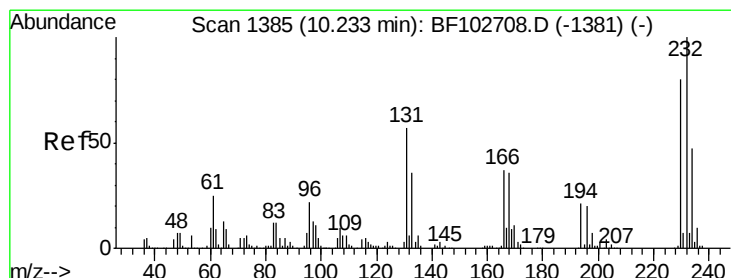
Instrument :
 BNA_F
 ClientSampleId :

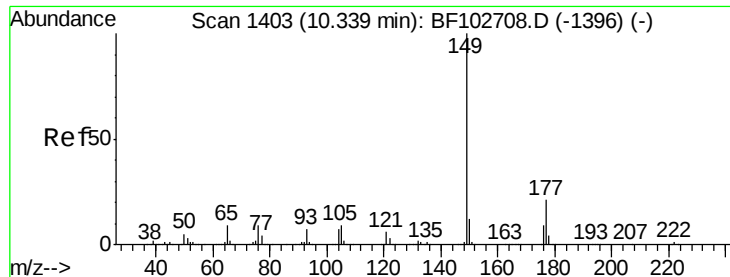
Tot Ion:166 Resp: 827400
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.51 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:232 Resp: 209554
 Ion Ratio Lower Upper
 232 100
 131 55.6 43.8 65.8
 130 2.5 2.1 3.1
 166 35.9 27.8 41.6

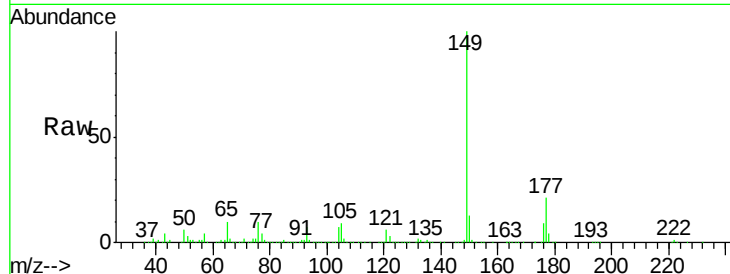




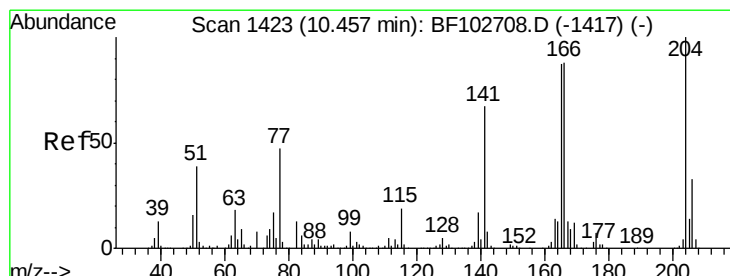
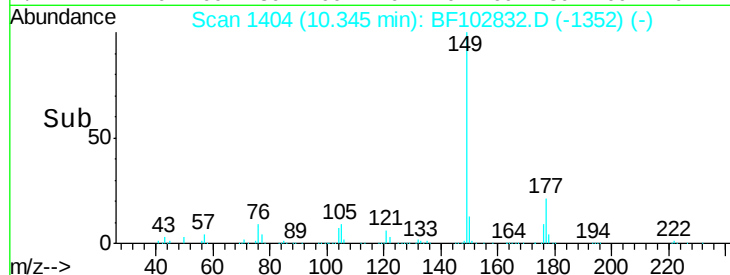
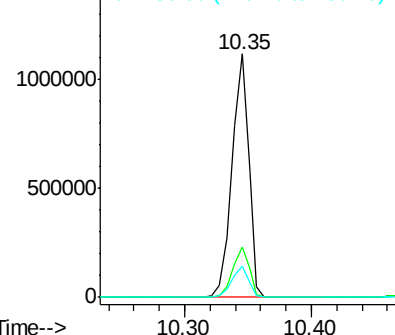
#59
Diethylphthalate
Concen: 40.94 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1016662
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.8 10.1 15.1

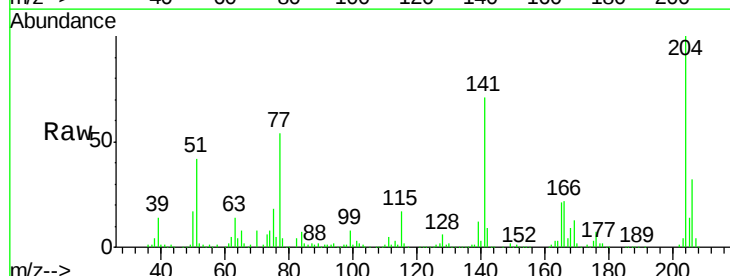


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

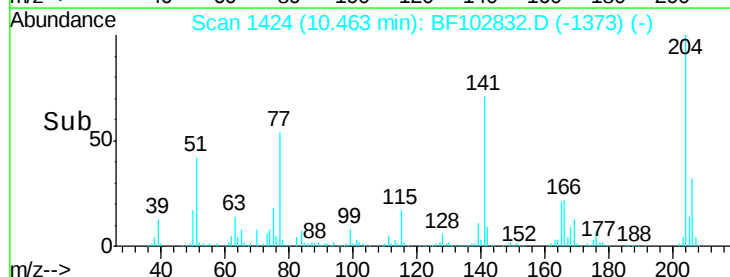
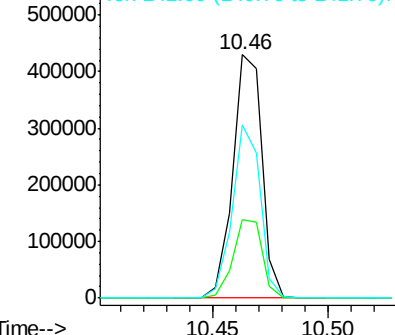


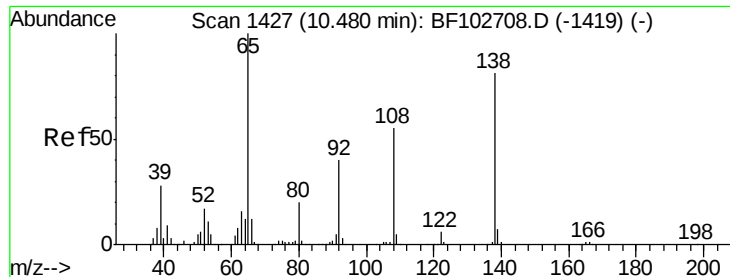
#60
4-Chlorophenyl-phenylether
Concen: 42.15 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:204 Resp: 379768
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 71.1 54.6 81.8



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

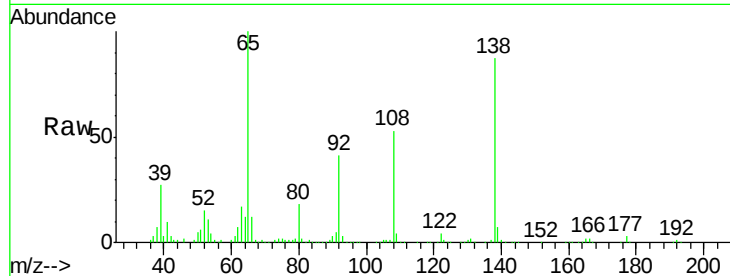




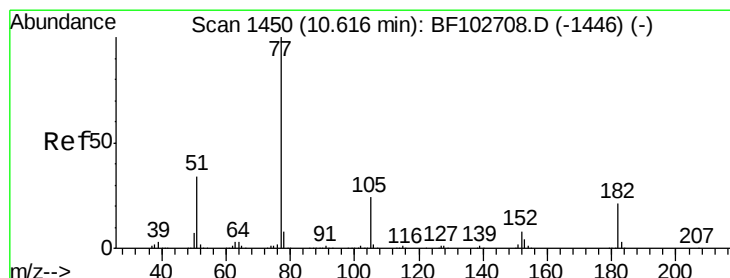
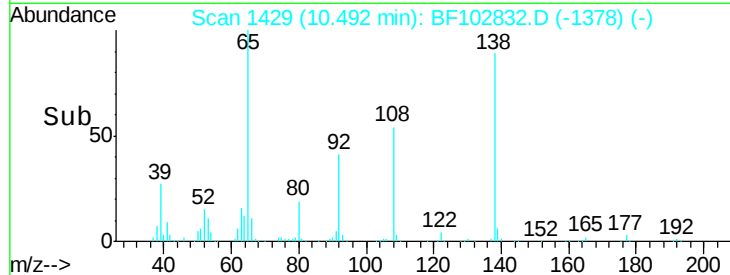
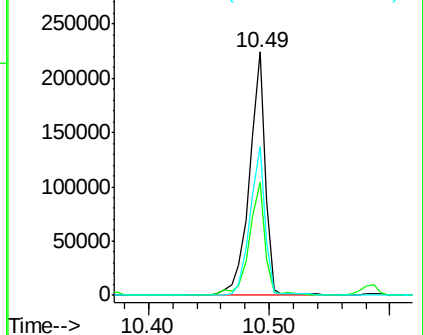
#61
4-Nitroaniline
Concen: 36.98 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 207210
Ion Ratio Lower Upper
138 100
92 46.6 30.2 70.2
108 60.9 52.5 92.5

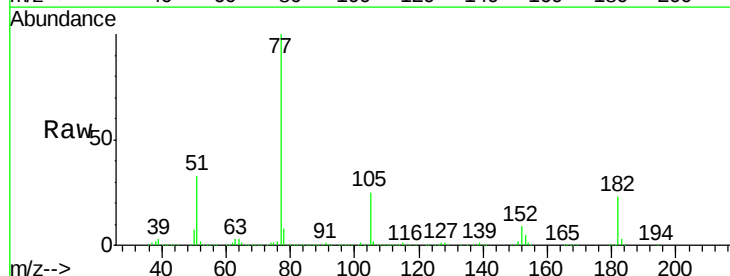


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

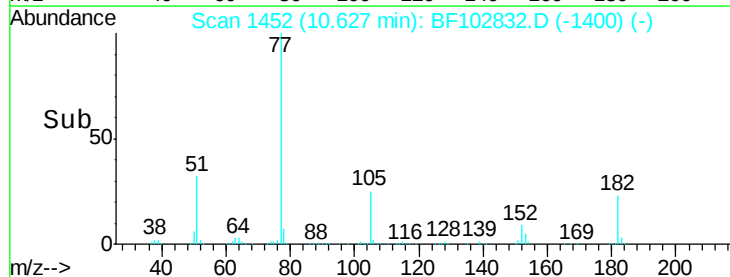
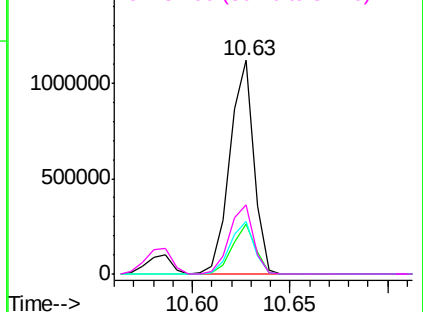


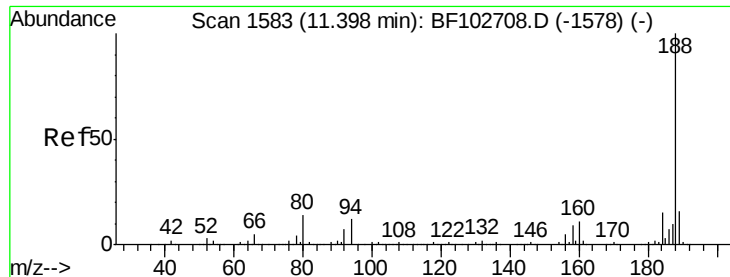
#62
Azobenzene
Concen: 38.13 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion: 77 Resp: 945721
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.9 3.0 43.0
51 32.5 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

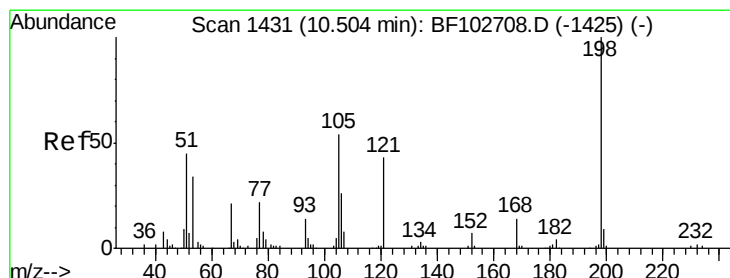
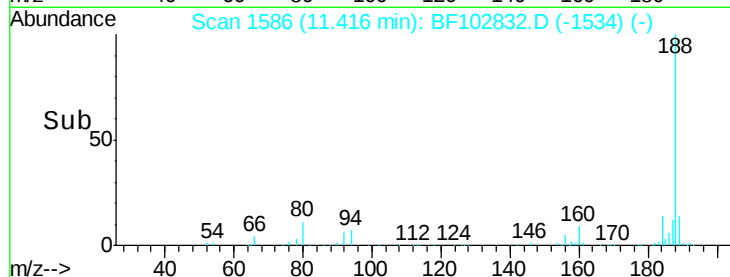
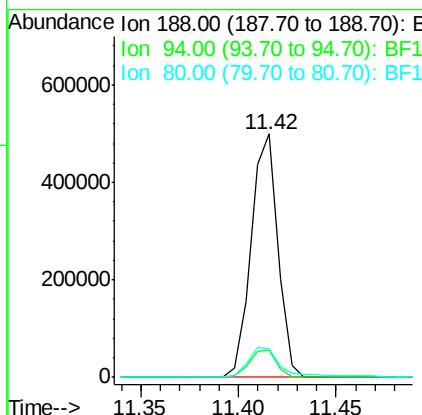
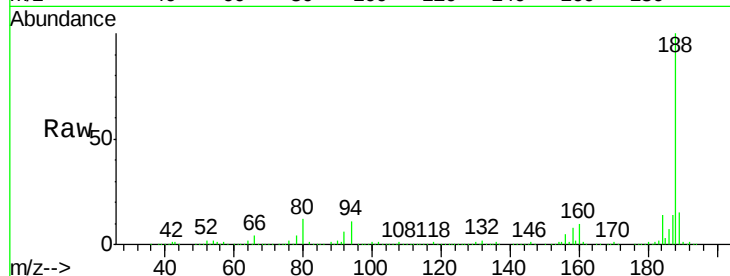




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

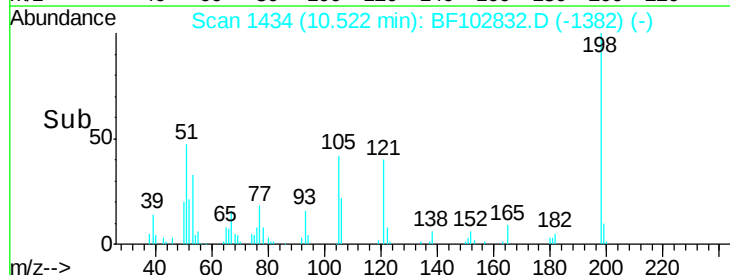
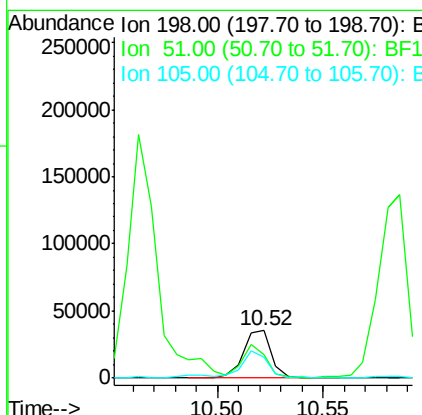
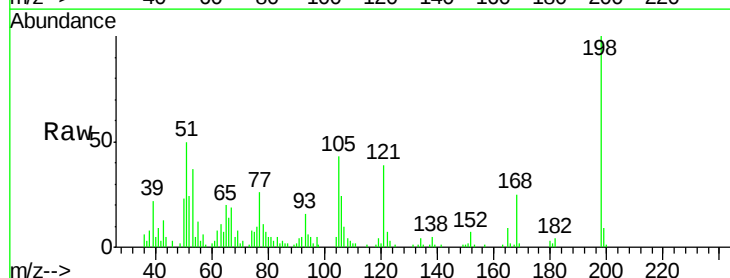
Instrument :
BNA_F
ClientSampleId :

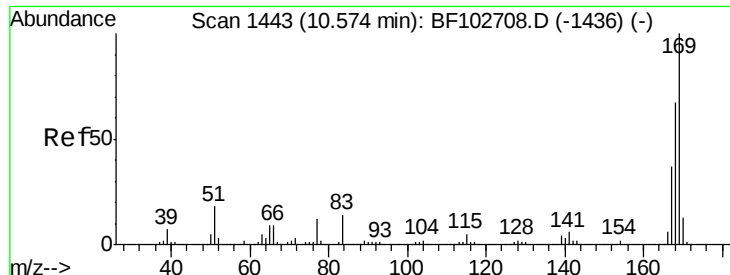
Tot Ion:188 Resp: 474344
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 23.17 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:198 Resp: 32136
Ion Ratio Lower Upper
198 100
51 50.2 37.7 77.7
105 42.8 36.3 76.3

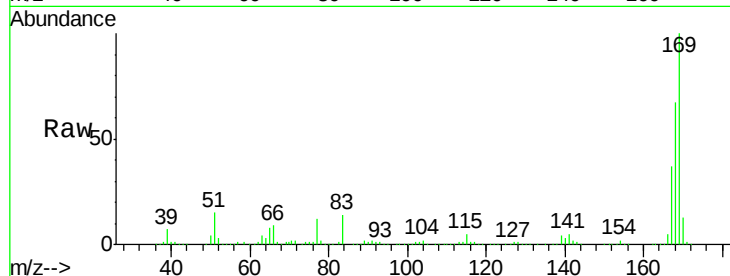




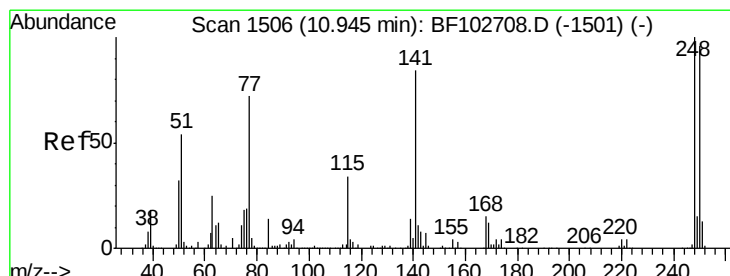
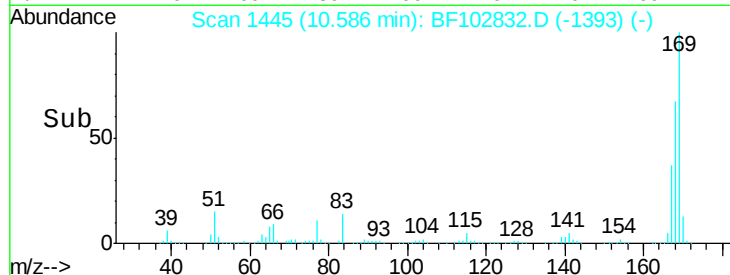
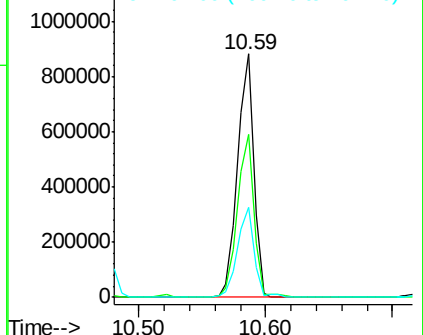
#65
 n-Nitrosodiphenylamine
 Concen: 46.31 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 774788
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 36.9 29.8 44.6

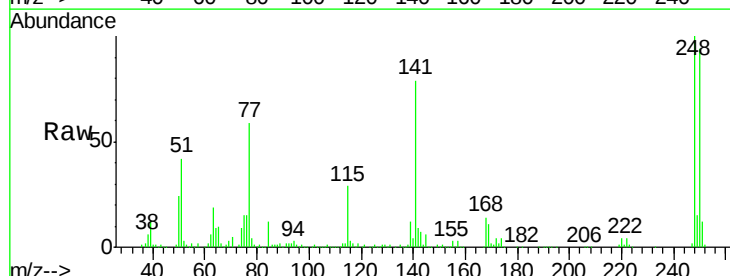


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

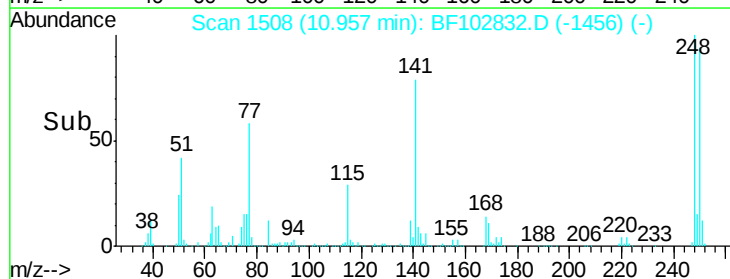
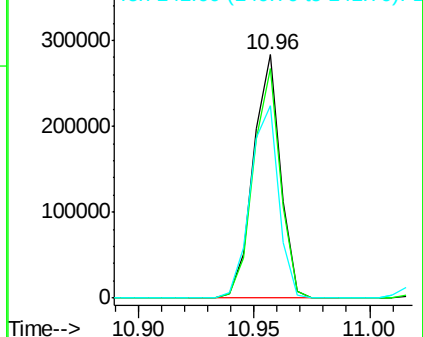


#66
 4-Bromophenyl-phenylether
 Concen: 46.20 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:248 Resp: 231814
 Ion Ratio Lower Upper
 248 100
 250 94.2 76.9 115.3
 141 79.0 74.4 111.6



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

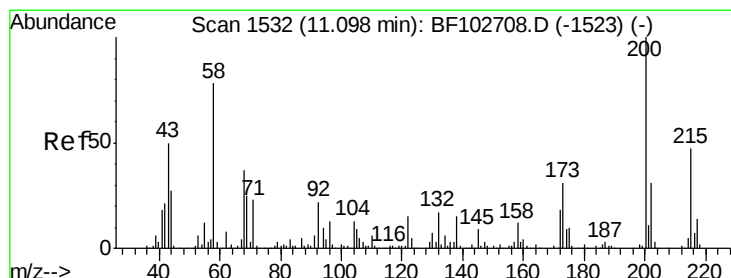
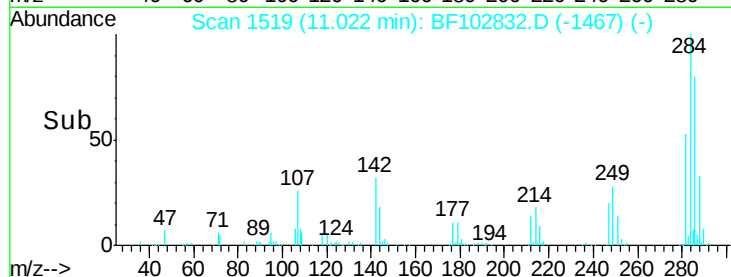
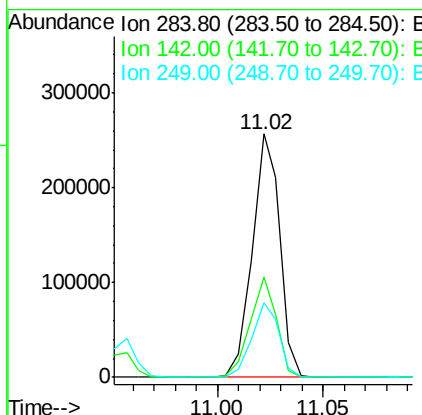
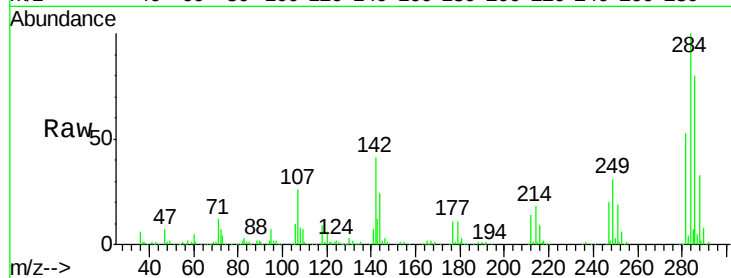




#67
Hexachlorobenzene
Concen: 41.88 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

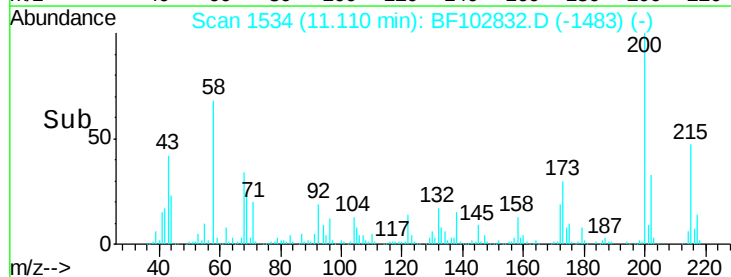
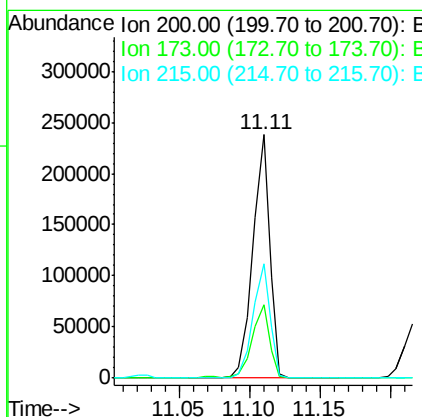
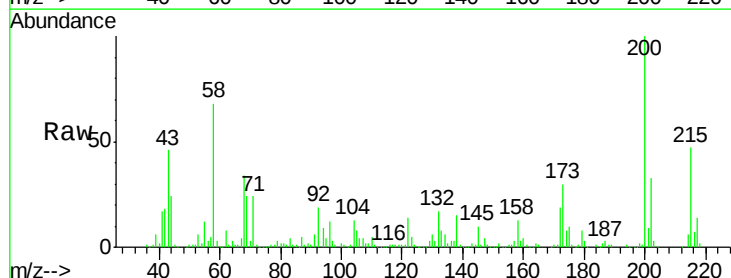
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 231797
Ion Ratio Lower Upper
284 100
142 41.2 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 40.98 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:200 Resp: 202266
Ion Ratio Lower Upper
200 100
173 30.2 8.6 48.6
215 46.7 25.1 65.1

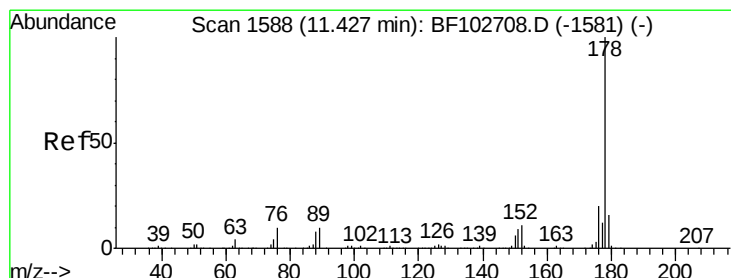
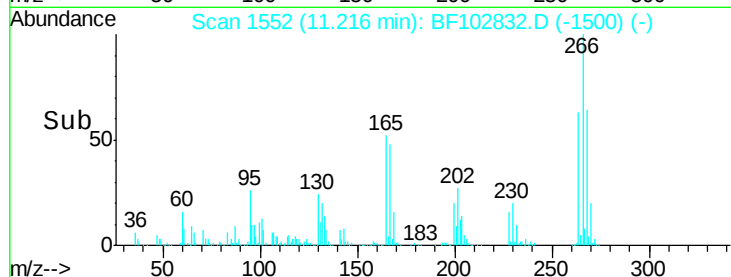
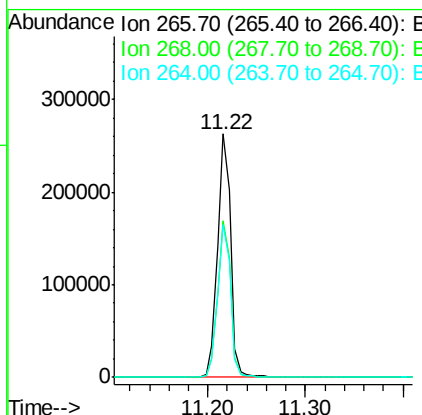
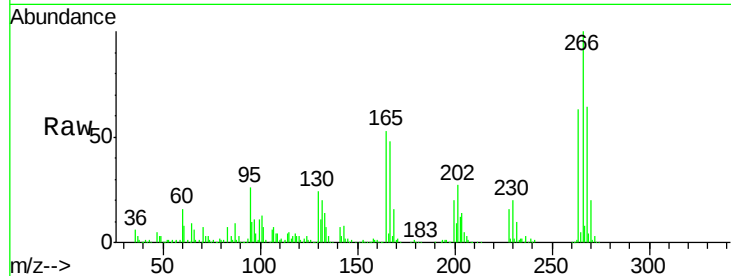




#69
 Pentachlorophenol
 Concen: 75.95 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

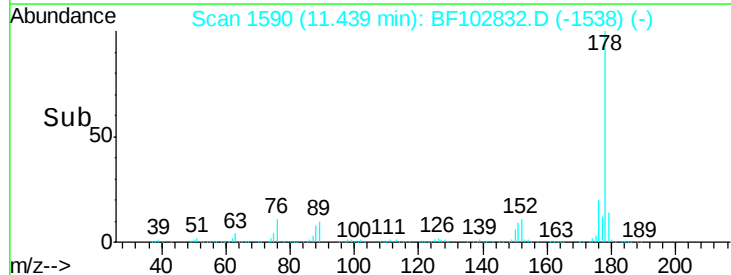
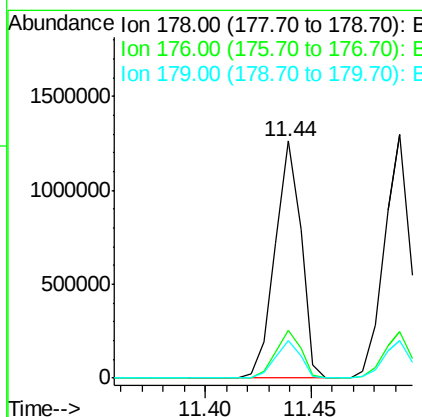
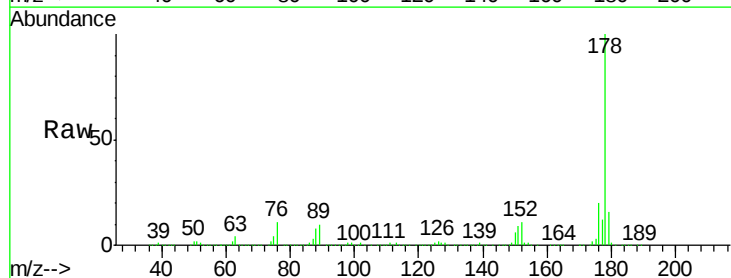
Instrument :
 BNA_F
 ClientSampleId :

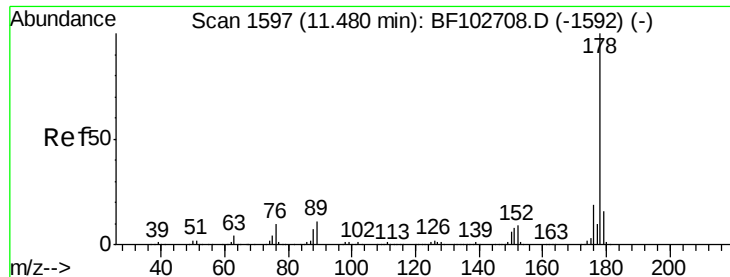
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	62.6	49.5	74.3



#70
 Phenanthrene
 Concen: 41.03 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	13.0	19.6

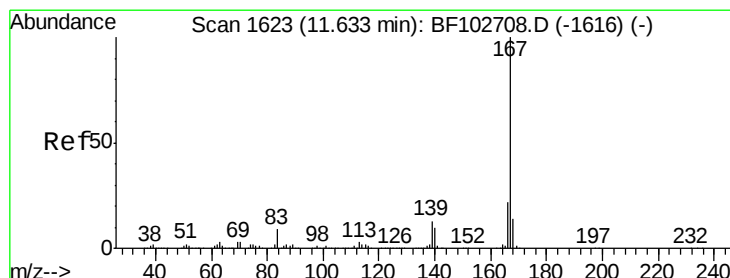
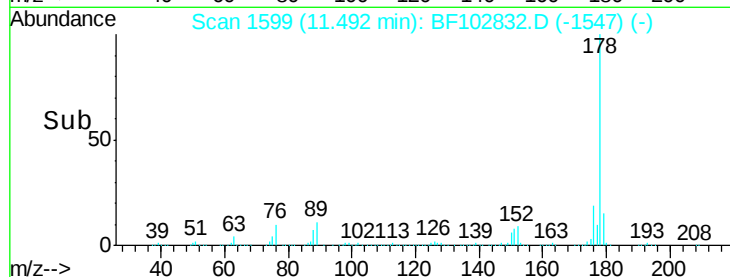
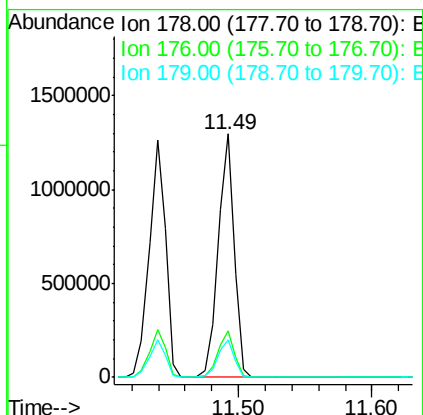
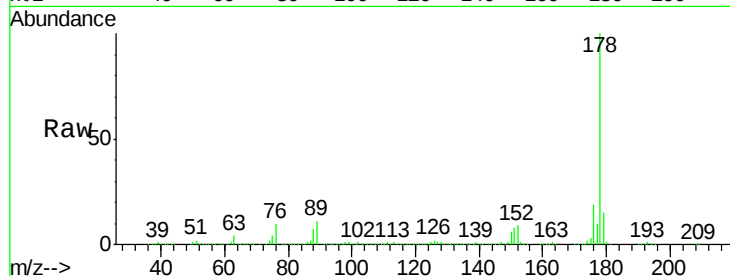




#71
 Anthracene
 Concen: 41.01 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

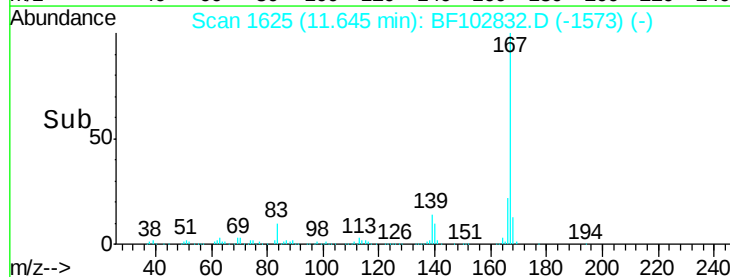
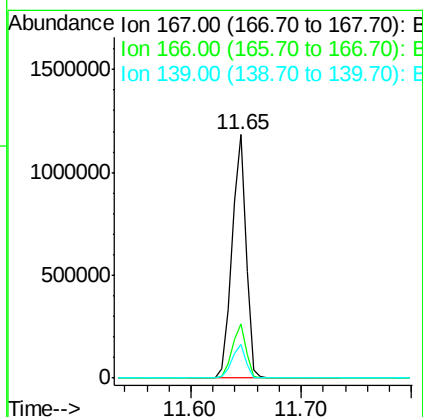
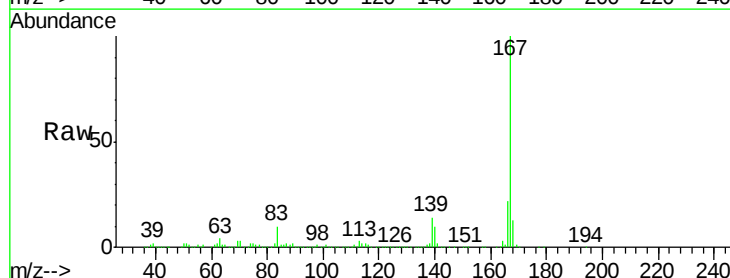
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1102016
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 40.46 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:167 Resp: 1065118
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3

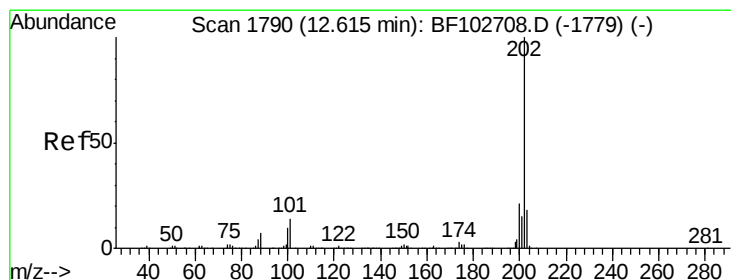
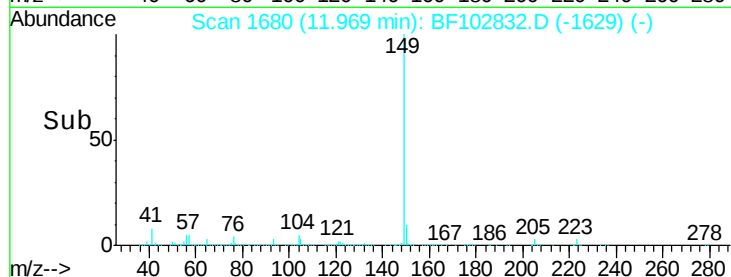
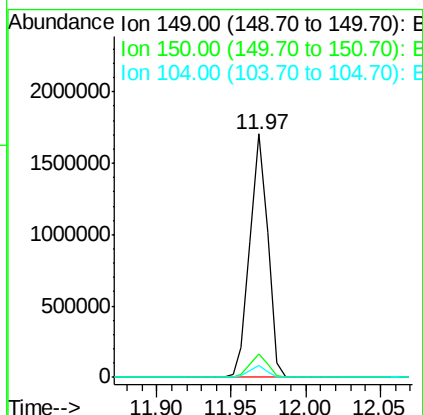
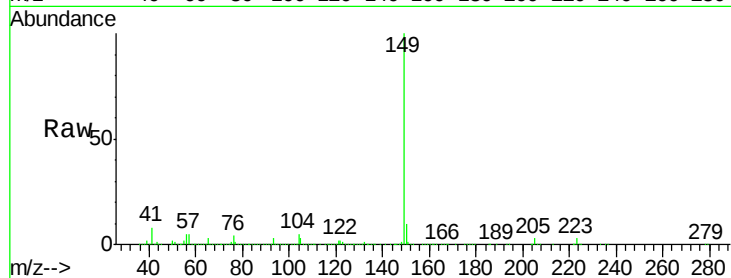




#73
Di-n-butylphthalate
Concen: 44.18 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

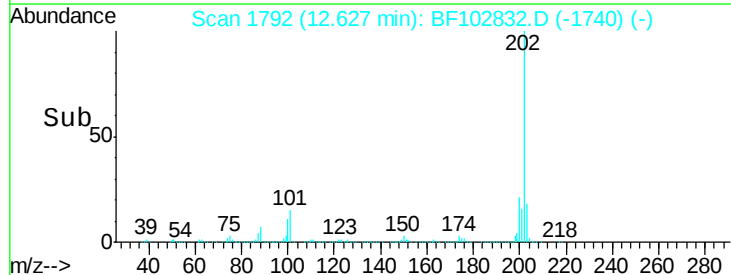
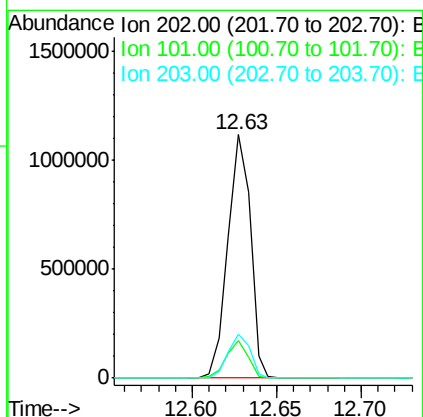
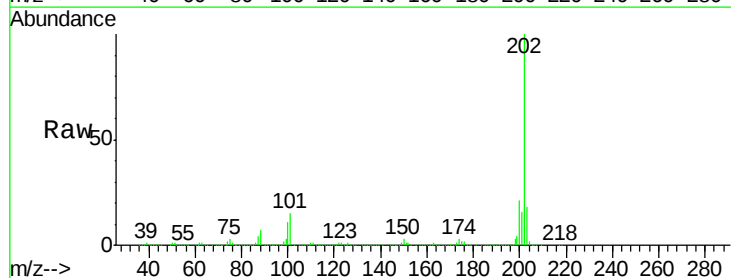
Instrument :
BNA_F
ClientSampleId :

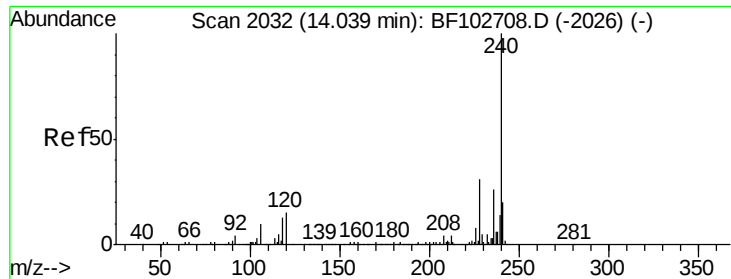
Tot Ion:149 Resp: 1412728
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 39.05 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:202 Resp: 1037864
Ion Ratio Lower Upper
202 100
101 15.4 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

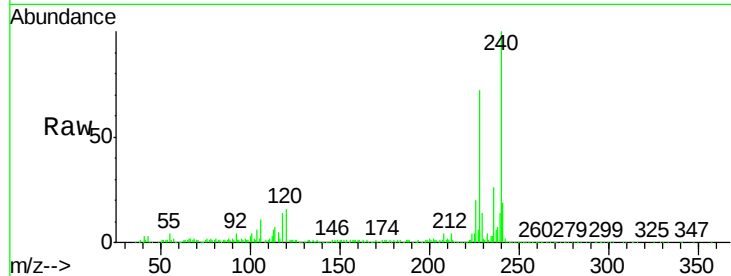
Tot Ion:240 Resp: 328108

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

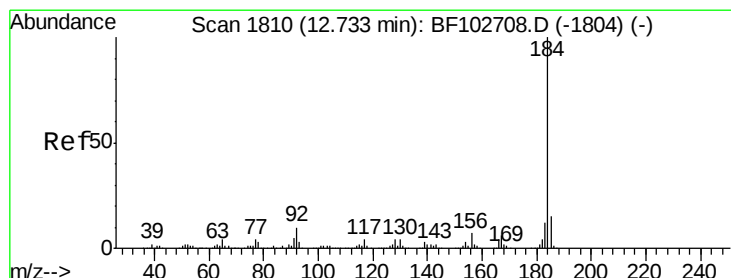
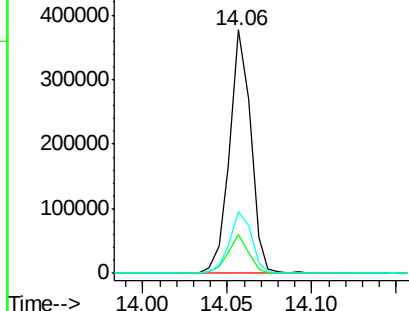
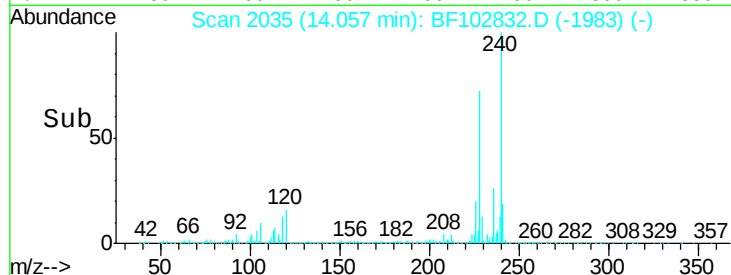
236 25.7 20.7 31.1



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: 42.76 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

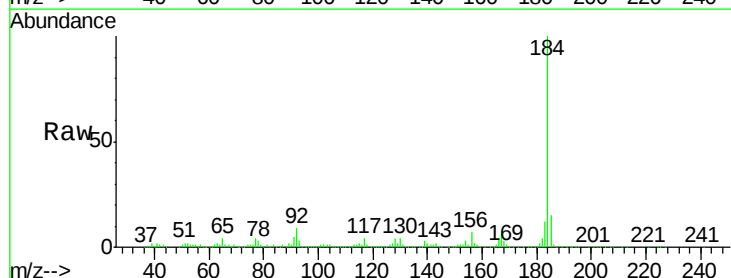
Tgt Ion:184 Resp: 644810

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

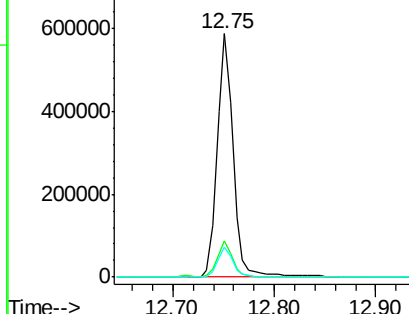
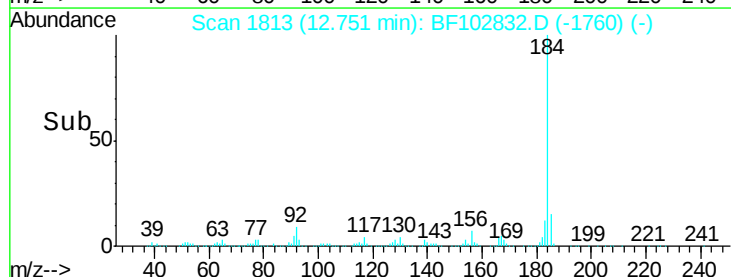
183 12.4 9.3 13.9

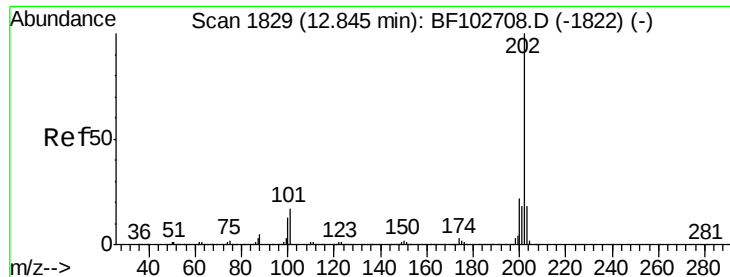


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

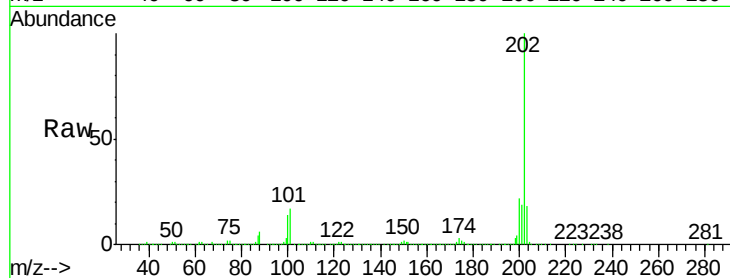




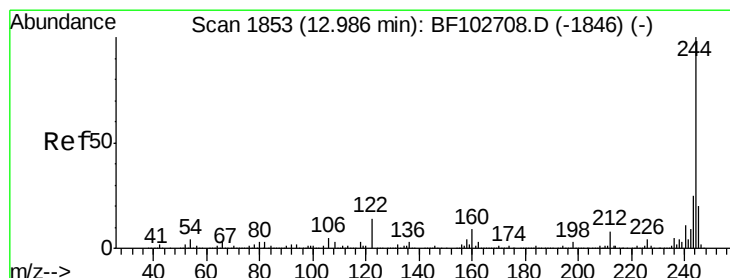
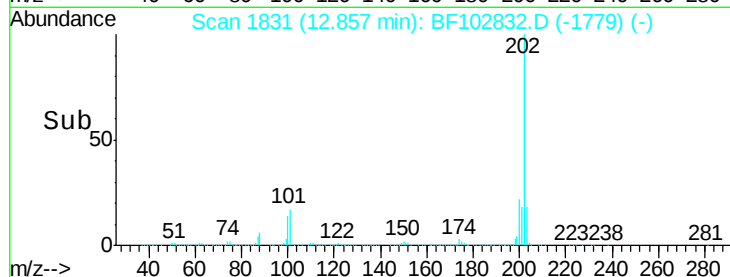
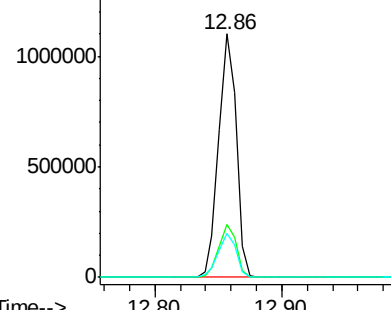
#77
Pvrene
Concen: 40.87 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1051664
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.3 21.5

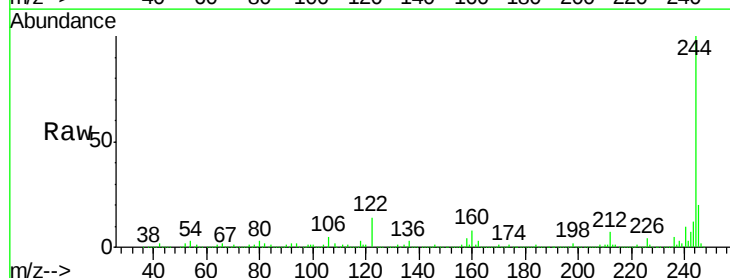


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

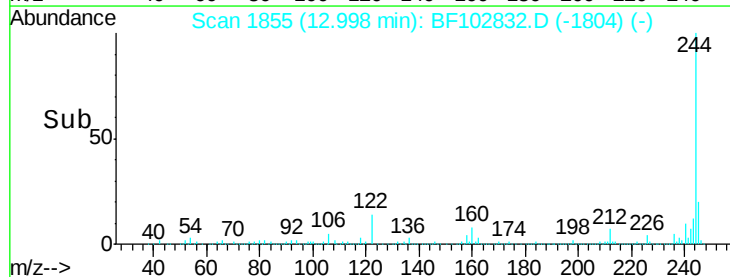
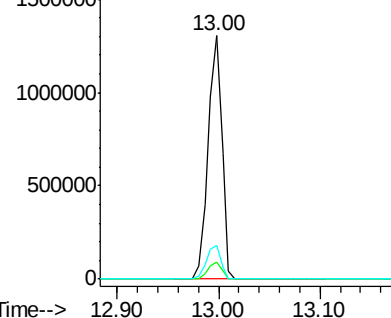


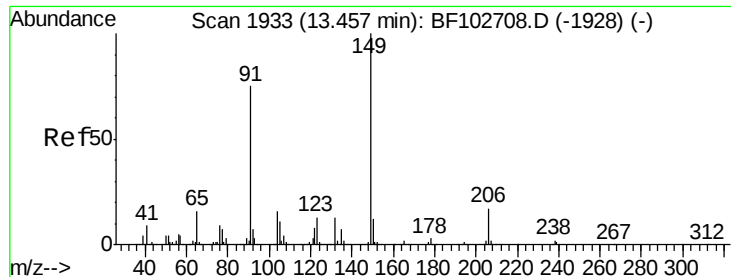
#78
Terphenyl-d14
Concen: 89.08 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:244 Resp: 1234381
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.7 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

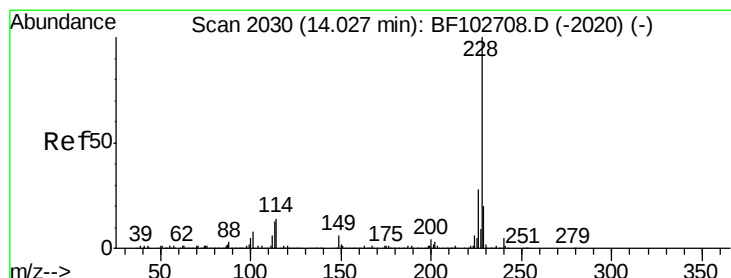
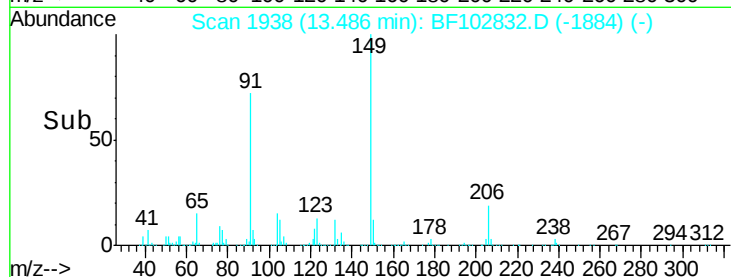
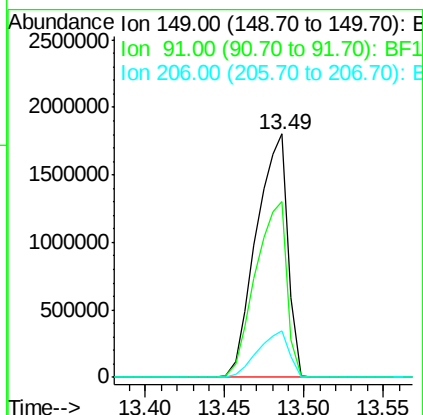
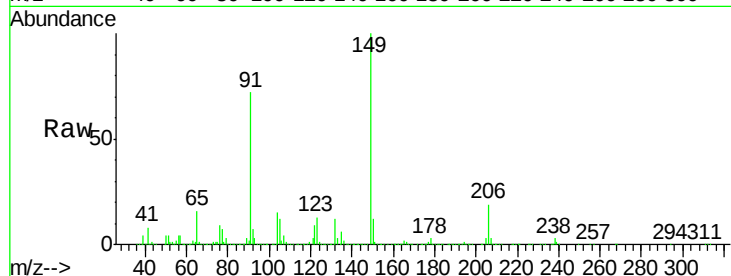




#79
Butylbenzylphthalate
Concen: 198.99 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.02 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

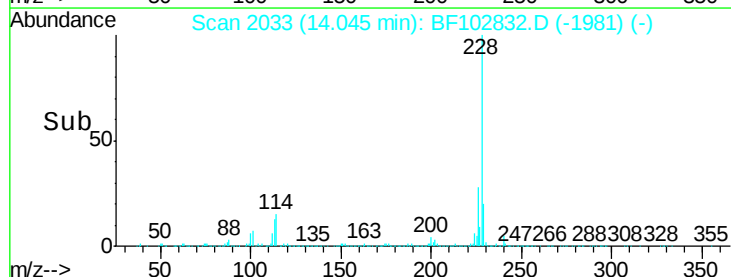
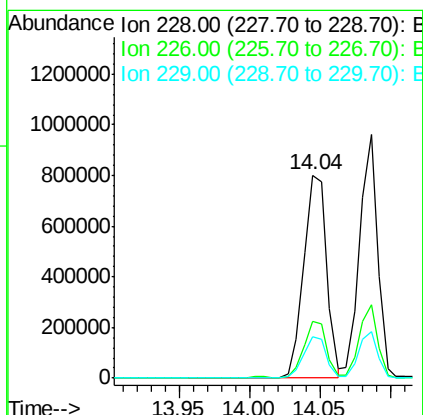
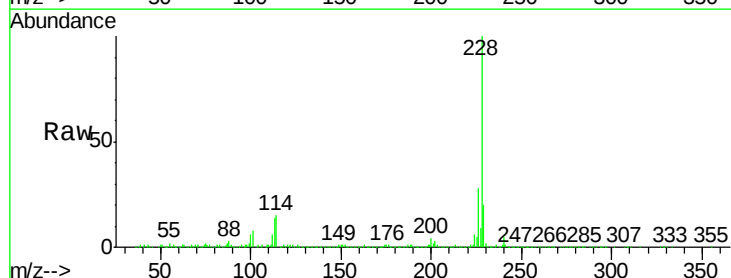
Instrument :
BNA_F
ClientSampleId :

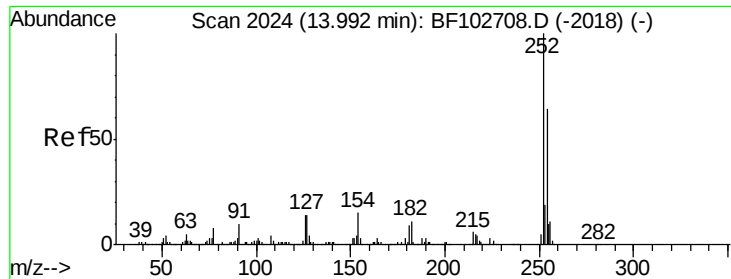
Tot Ion:149 Resp: 2489506
Ion Ratio Lower Upper
149 100
91 72.3 56.8 85.2
206 19.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.64 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:228 Resp: 900454
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 43.90 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

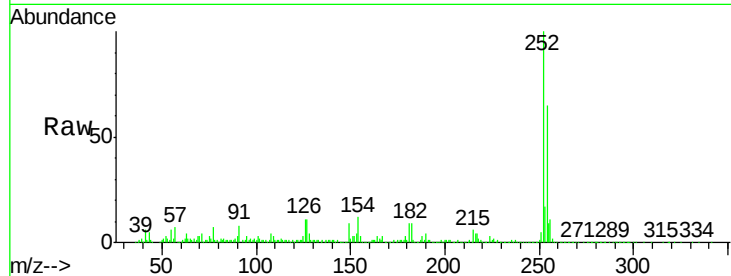
Tot Ion:252 Resp: 335885

Ion Ratio Lower Upper

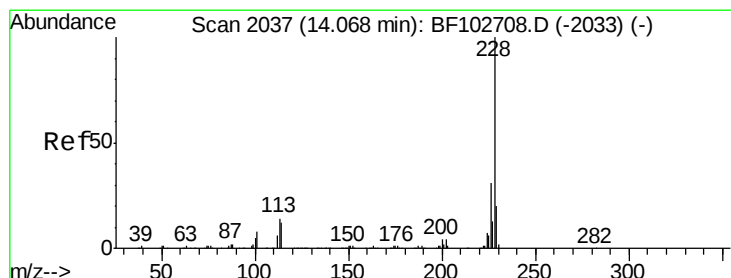
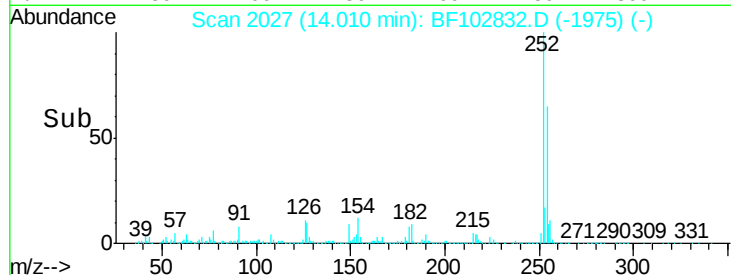
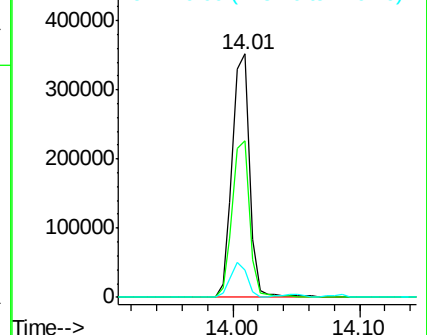
252 100

254 64.5 50.4 75.6

126 11.1 11.3 16.9#



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



#82

Chrysene

Concen: 41.32 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

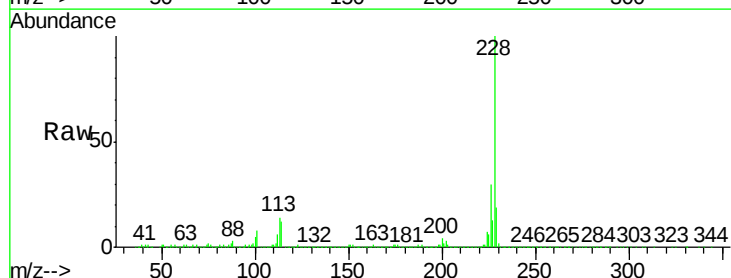
Tgt Ion:228 Resp: 859419

Ion Ratio Lower Upper

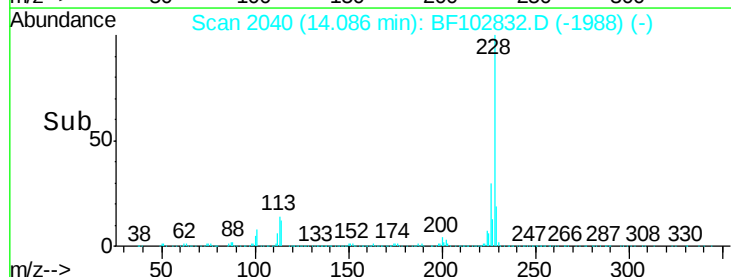
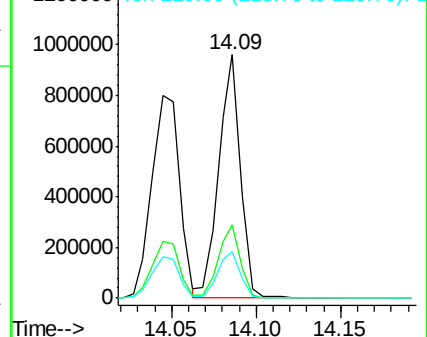
228 100

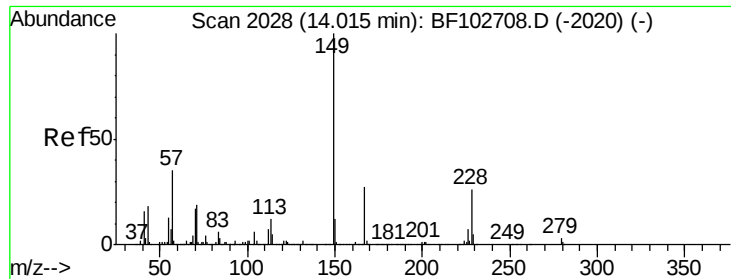
226 30.4 25.0 37.6

229 19.2 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

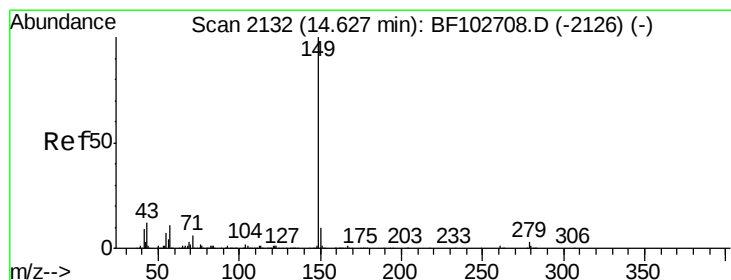
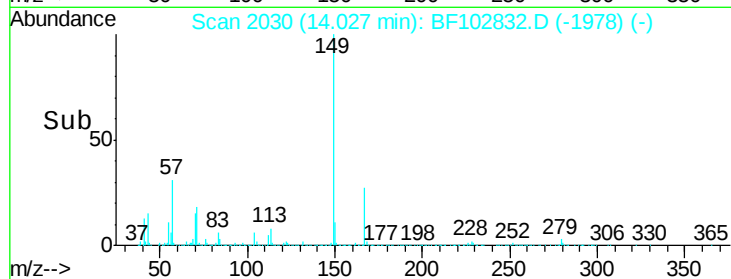
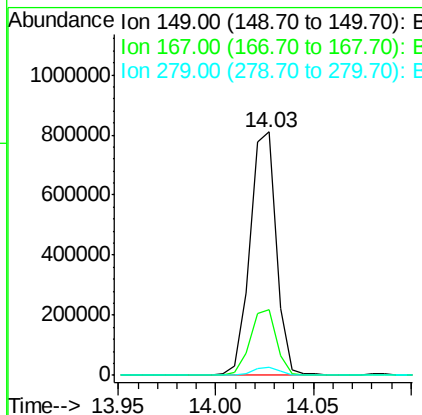
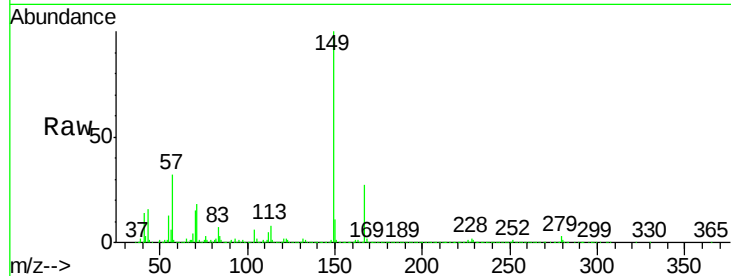




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.76 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

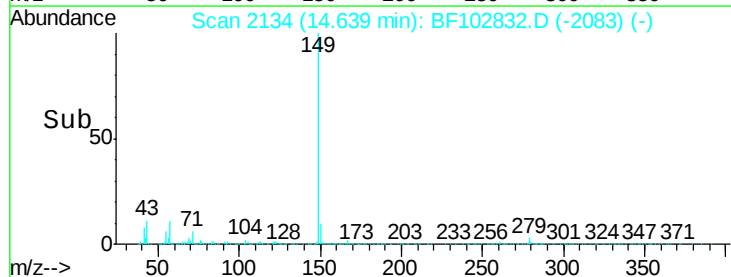
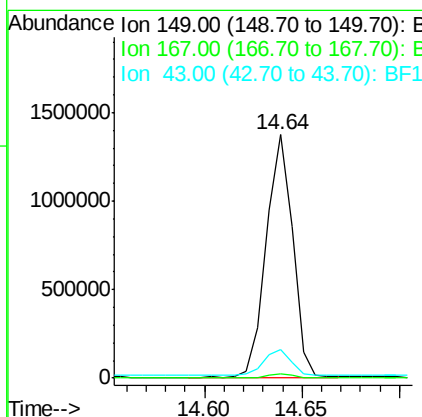
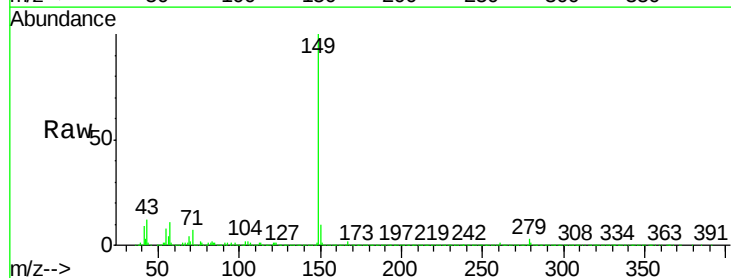
Instrument :
 BNA_F
 ClientSampleId :

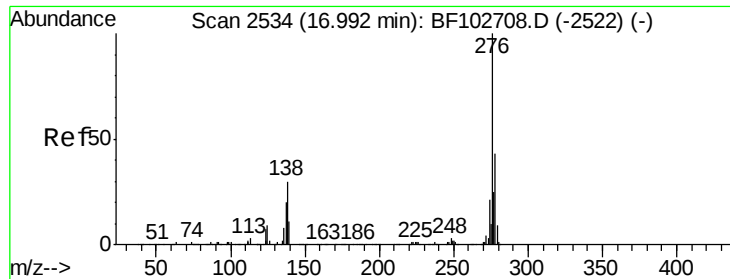
Tot Ion:149 Resp: 752715
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 54.46 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:149 Resp: 1288925
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.9 8.4 12.6

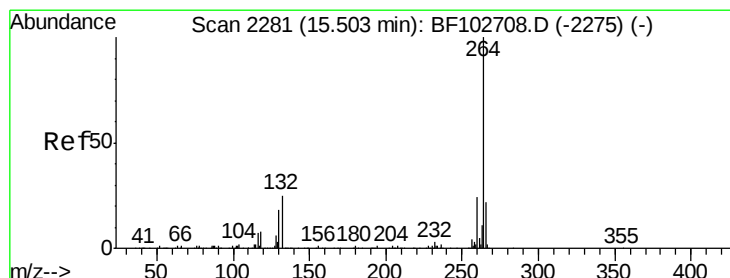
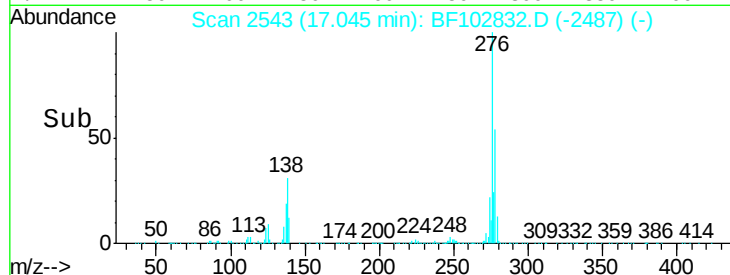
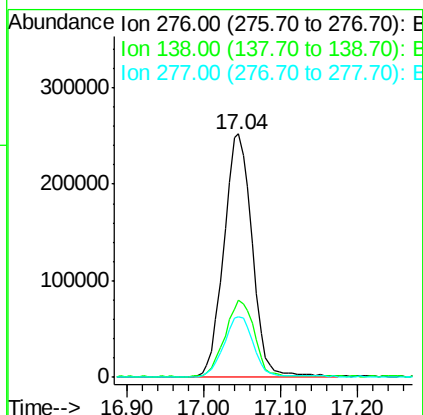
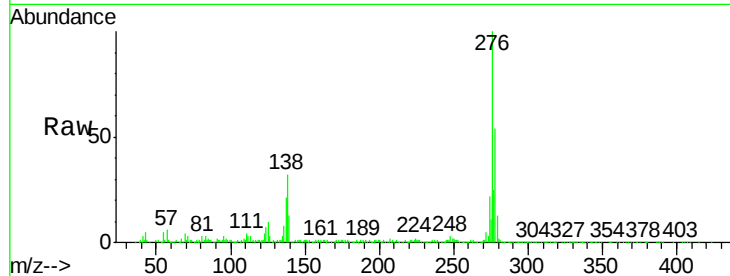




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.25 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.03 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

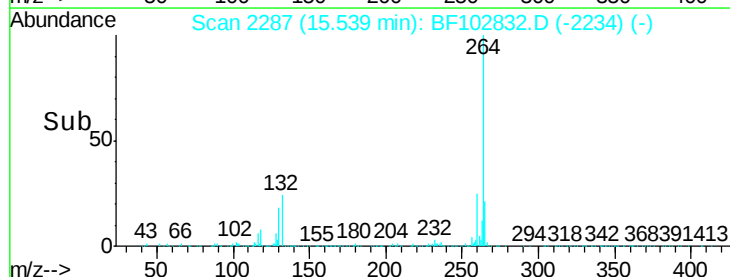
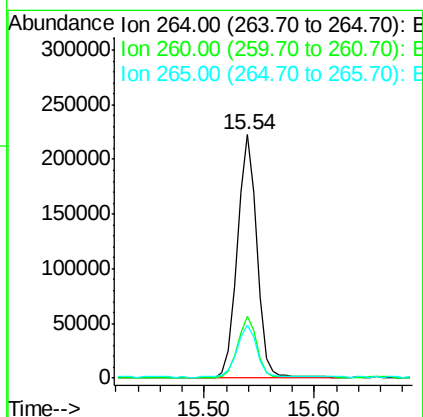
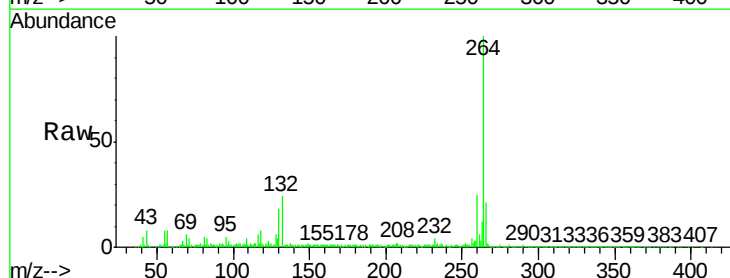
Instrument :
 BNA_F
 ClientSampleId :

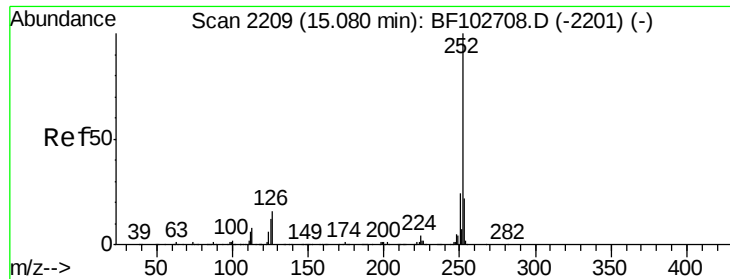
Tot Ion:276 Resp: 642616
 Ion Ratio Lower Upper
 276 100
 138 32.5 25.0 37.6
 277 25.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102832.D
 Acq: 7 Feb 2018 23:29

Tgt Ion:264 Resp: 275803
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.5 17.5 26.3

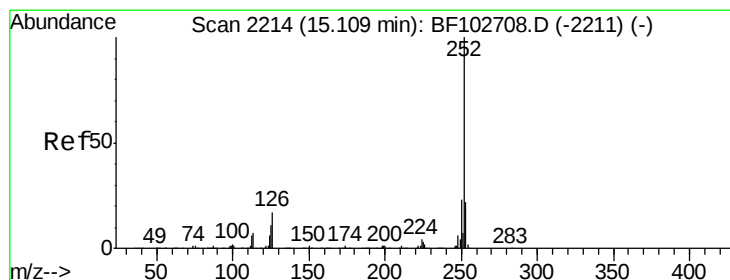
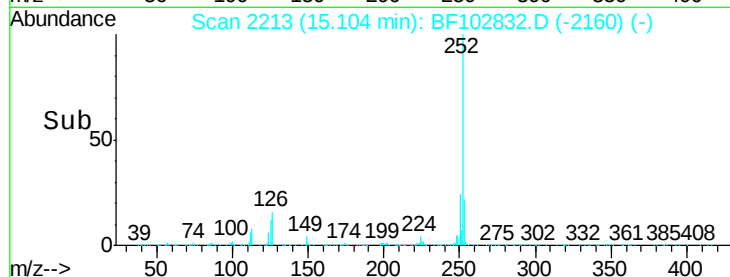
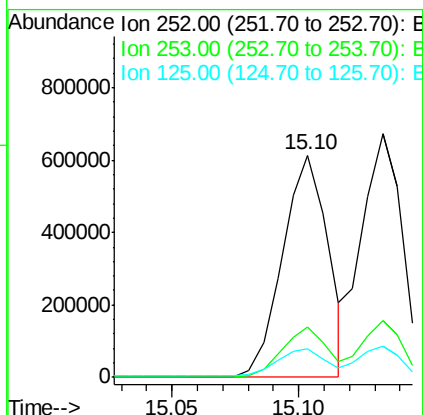
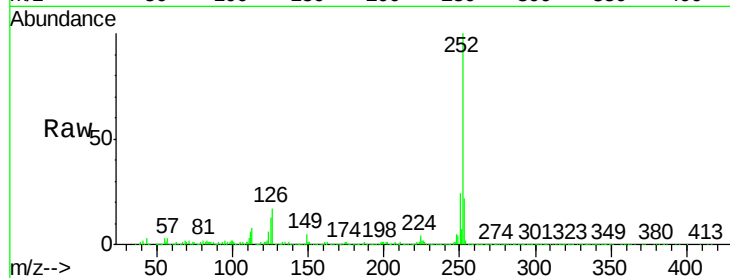




#87
Benzo(b)fluoranthene
Concen: 42.74 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

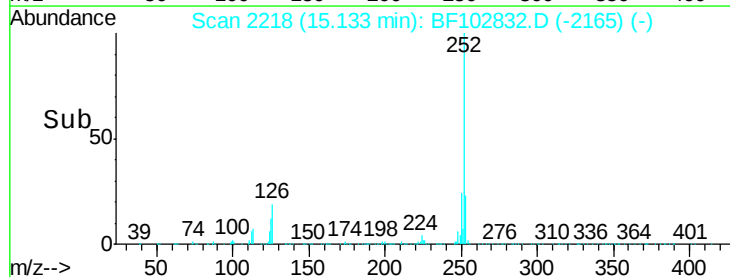
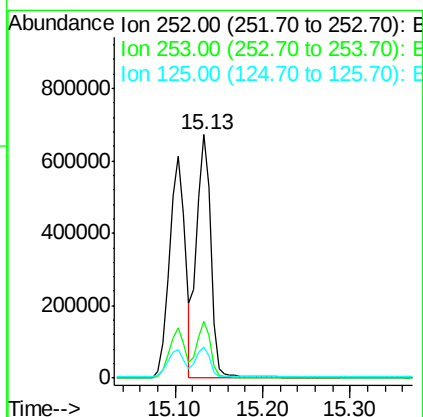
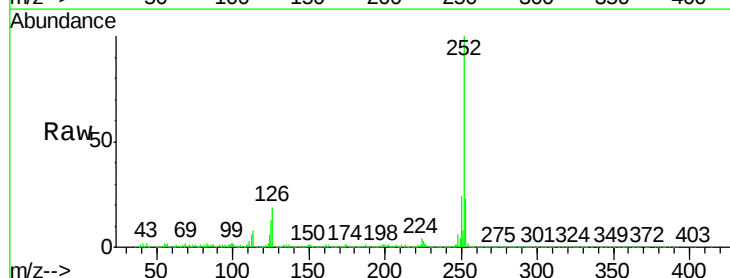
Instrument :
BNA_F
ClientSampleId :

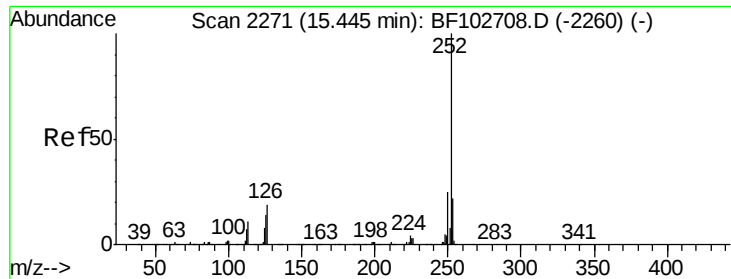
Tot Ion:252 Resp: 764283
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.88 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102832.D
Acq: 7 Feb 2018 23:29

Tgt Ion:252 Resp: 766745
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.34 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

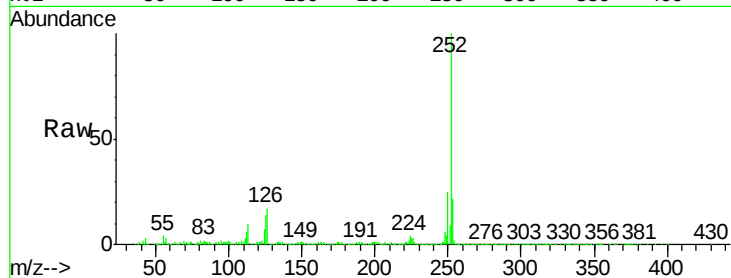
Tot Ion:252 Resp: 681503

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

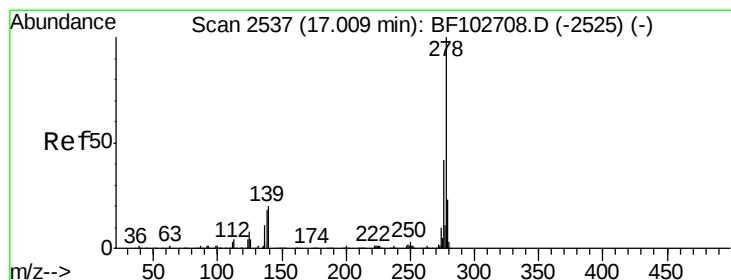
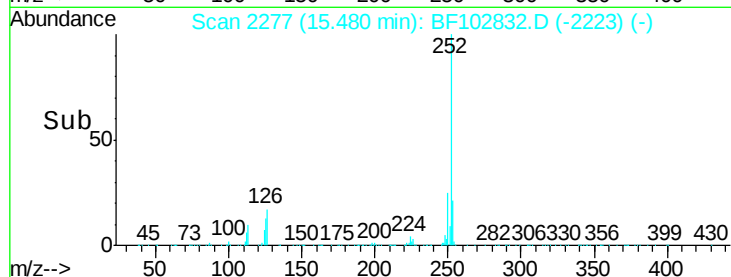
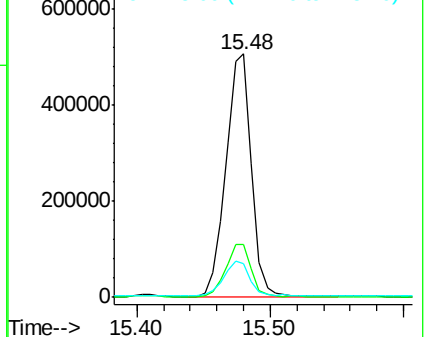
125 13.8 9.8 14.6



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: 41.92 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

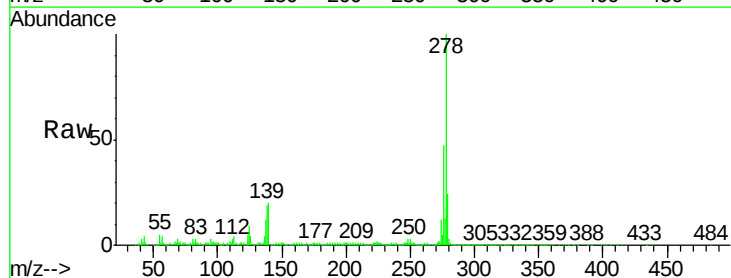
Tgt Ion:278 Resp: 547620

Ion Ratio Lower Upper

278 100

139 19.8 15.9 23.9

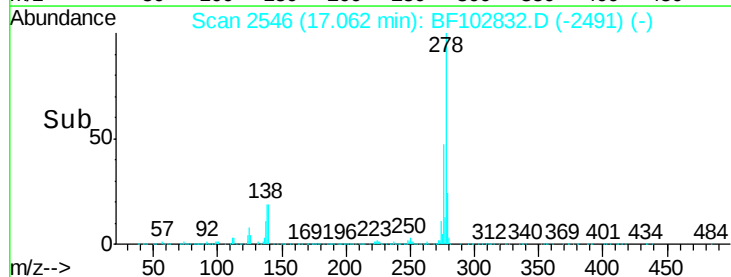
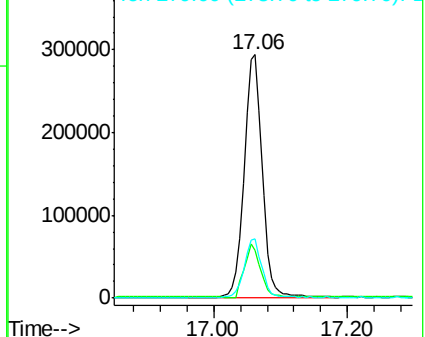
279 24.5 19.0 28.4

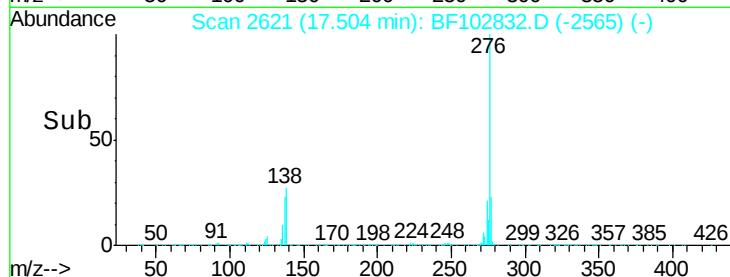
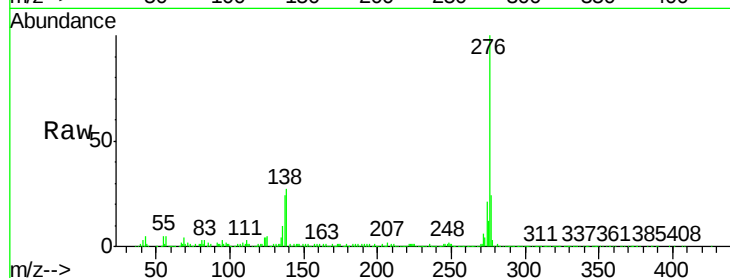
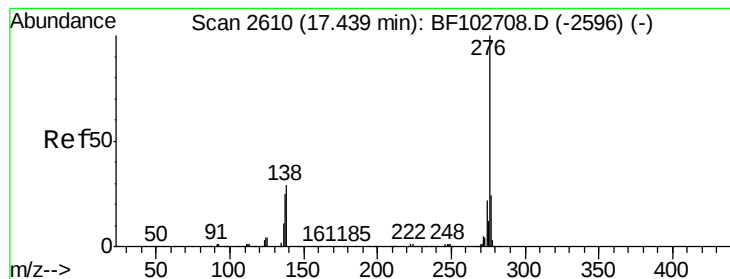


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.54 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.03 min

Lab File: BF102832.D

Acq: 7 Feb 2018 23:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 518401

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 27.4 21.8 32.8

