

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103089.D
 Acq On : 19 Feb 2018 18:17
 Operator : SJ/JU
 Sample : J1392-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 00:16:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	176880	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	744852	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	335361	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	538256	20.00	ng	0.00
75) Chrysene-d12	14.05	240	309228	20.00	ng	0.00
86) Perylene-d12	15.54	264	329249	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1342345	115.25	ng	0.03
7) Phenol-d6	6.52	99	1531858	109.23	ng	0.01
23) Nitrobenzene-d5	7.45	82	1145299	106.67	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	327392	121.29	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1719196	85.07	ng	0.00
78) Terphenyl-d14	12.99	244	1278216	97.87	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.86	88	219925	38.23	ng	88
3) Pyridine	3.57	79	445049	28.00	ng	94
4) n-Nitrosodimethylamine	3.52	42	293573	43.17	ng	100
6) Aniline	6.55	93	124613	6.02	ng	93
8) 2-Chlorophenol	6.67	128	515599	43.00	ng	94
9) Benzaldehyde	6.43	77	97685	9.38	ng	90
10) Phenol	6.53	94	553913	36.86	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	529376	42.33	ng	90
12) 1,3-Dichlorobenzene	6.82	146	562258	40.49	ng	99
13) 1,4-Dichlorobenzene	6.90	146	564363	40.80	ng	99
14) 1,2-Dichlorobenzene	7.05	146	503575	39.09	ng	99
15) Benzyl Alcohol	7.02	79	448596	41.61	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	903425	38.03	ng	97
17) 2-Methylphenol	7.13	107	434068	39.25	ng	97
18) Hexachloroethane	7.39	117	210710	44.42	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	353940	38.28	ng	97
20) 3+4-Methylphenols	7.29	107	505053	37.03	ng	# 57
22) Acetophenone	7.29	105	705468	38.70	ng	# 89
24) Nitrobenzene	7.47	77	586550	46.44	ng	95
25) Isophorone	7.70	82	1075600	43.50	ng	99
26) 2-Nitrophenol	7.78	139	304378	56.74	ng	96
27) 2,4-Dimethylphenol	7.82	122	478839	45.84	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	666302	45.49	ng	99
29) 2,4-Dichlorophenol	8.02	162	431232	45.41	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	438763	40.84	ng	99
31) Naphthalene	8.19	128	2213075	60.81	ng	99
32) Benzoic acid	7.95	122	326629	45.31	ng	97
33) 4-Chloroaniline	8.23	127	49031	3.13	ng	98
34) Hexachlorobutadiene	8.29	225	215623	39.17	ng	98
35) Caprolactam	8.61	113	93866	28.46	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	467719	43.84	ng	97
37) 2-Methylnaphthalene	8.87	142	1067884	44.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	378834	41.49	ng	99
40) Hexachlorocyclopentadiene	9.02	237	200506	46.19	ng	98

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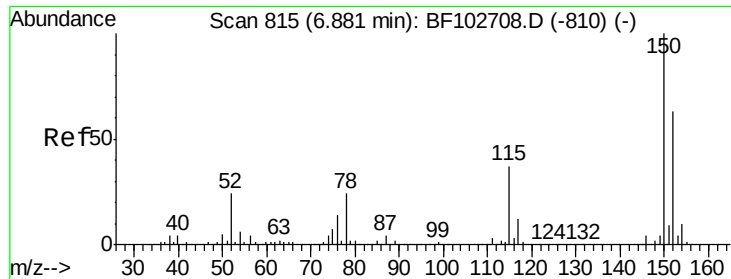
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 00:16:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.16	196	268516	44.77	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	278742	41.23	nq	97
45) 1,1'-Biphenyl	9.34	154	1129716	39.99	nq	99
46) 2-Chloronaphthalene	9.37	162	898468	40.40	nq	97
47) 2-Nitroaniline	9.46	65	322154	47.02	nq	87
48) Acenaphthylene	9.78	152	1370269	39.67	nq	99
49) Dimethylphthalate	9.64	163	1033349	39.52	nq	100
50) 2,6-Dinitrotoluene	9.70	165	229951	46.22	nq	97
51) Acenaphthene	9.96	154	772681	37.41	nq	99
52) 3-Nitroaniline	9.87	138	64124	10.48	nq	96
53) 2,4-Dinitrophenol	9.99	184	159856	88.70	nq	# 20
54) Dibenzofuran	10.13	168	1149441	39.49	nq	98
55) 4-Nitrophenol	10.05	139	323415	65.08	nq	94
56) 2,4-Dinitrotoluene	10.11	165	292151	44.06	nq	96
57) Fluorene	10.47	166	866124	40.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	205647	43.89	nq	100
59) Diethylphthalate	10.34	149	977165	37.85	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	382204	40.79	nq	100
61) 4-Nitroaniline	10.49	138	232466	39.90	nq	94
62) Azobenzene	10.62	77	984547	38.17	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	110908	49.10	nq	94
65) n-Nitrosodiphenylamine	10.58	169	766870	40.39	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	236738	41.58	nq	98
67) Hexachlorobenzene	11.02	284	246096	39.18	nq	98
68) Atrazine	11.10	200	228264	40.75	nq	98
69) Pentachlorophenol	11.22	266	231204	62.70	nq	99
70) Phenanthrene	11.43	178	1156719	38.59	nq	99
71) Anthracene	11.49	178	1180632	38.72	nq	100
72) Carbazole	11.64	167	1123308	37.61	nq	99
73) Di-n-butylphthalate	11.96	149	1459433	40.22	nq	100
74) Fluoranthene	12.62	202	1035559	34.33	nq	98
76) Benzidine	12.74	184	103181	7.26	nq	97
77) Pyrene	12.85	202	1017041	41.94	nq	99
79) Butylbenzylphthalate	13.46	149	539404	46.54	nq	97
80) Benzo(a)anthracene	14.04	228	796031	40.93	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	136953	18.99	nq	99
82) Chrysene	14.08	228	751743	38.35	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	728447	49.04	nq	100
84) Di-n-octyl phthalate	14.63	149	1157032	51.88	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	767632	47.21	nq	99
87) Benzo(b)fluoranthene	15.10	252	784689	36.76	nq	98
88) Benzo(k)fluoranthene	15.13	252	792972	38.88	nq	98
89) Benzo(a)pyrene	15.48	252	780011	40.60	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	650119	41.69	nq	98
91) Benzo(g,h,i)perylene	17.52	276	627352	41.10	nq	97

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

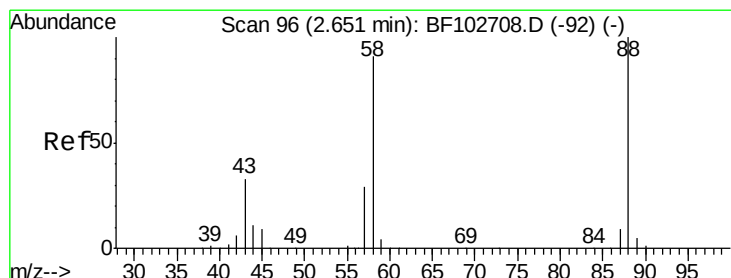
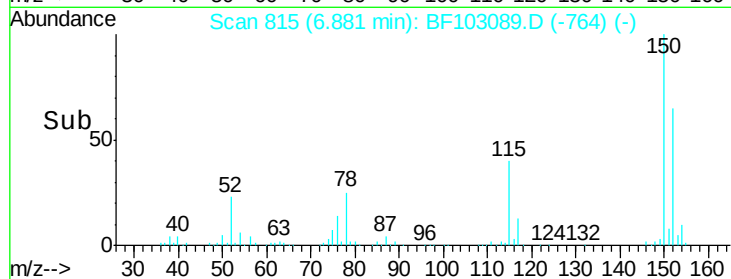
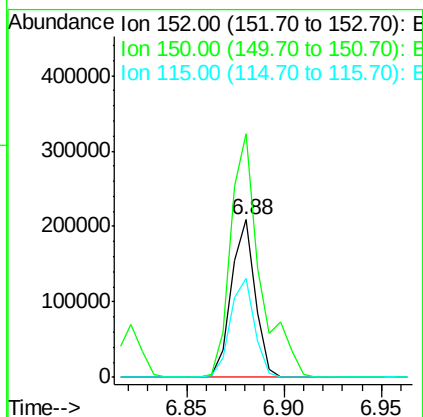
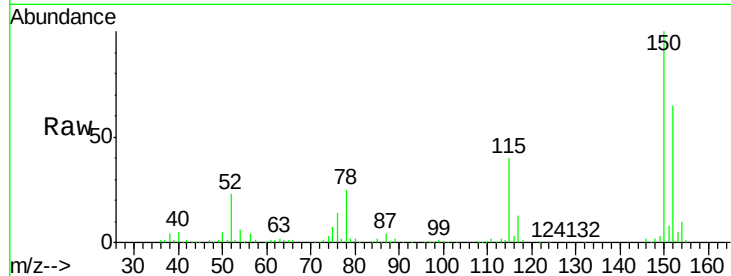


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Instrument :
BNA_F
ClientSampled :

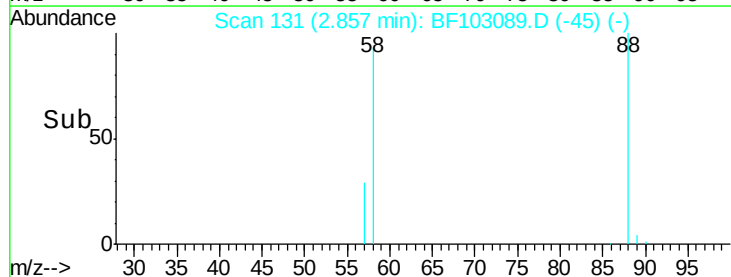
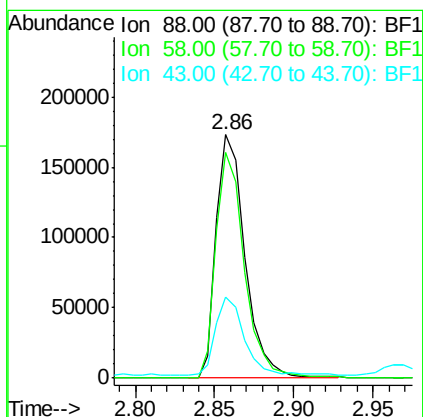
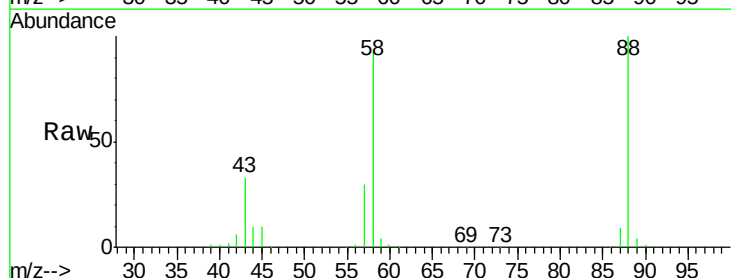
Tot Ion:152 Resp: 176880
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 62.5 50.1 75.1

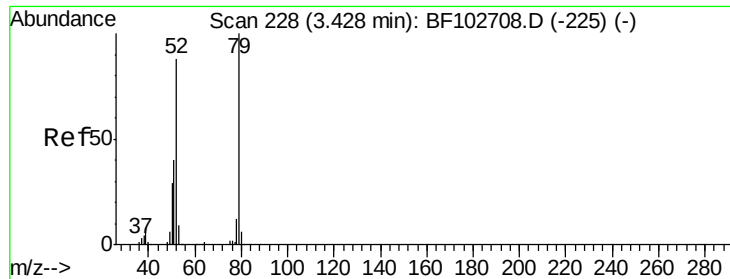


#2

1,4-Dioxane
Concen: 38.23 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.21 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion: 88 Resp: 219925
Ion Ratio Lower Upper
88 100
58 91.8 62.6 93.8
43 31.8 24.6 37.0





#3

Pvridine

Concen: 28.00 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.14 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampled :

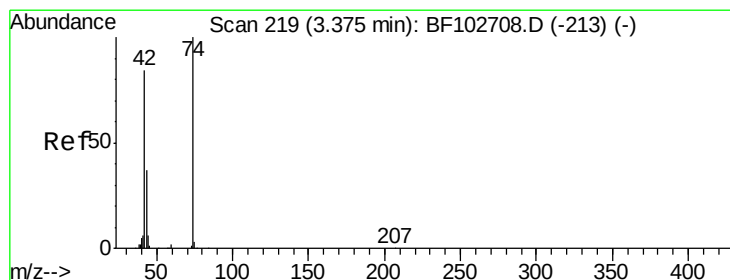
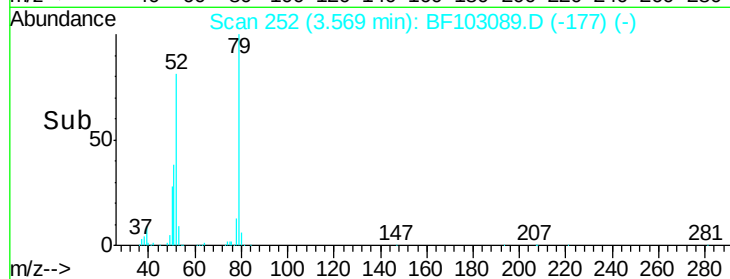
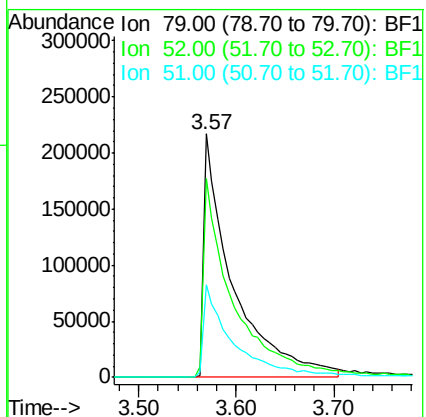
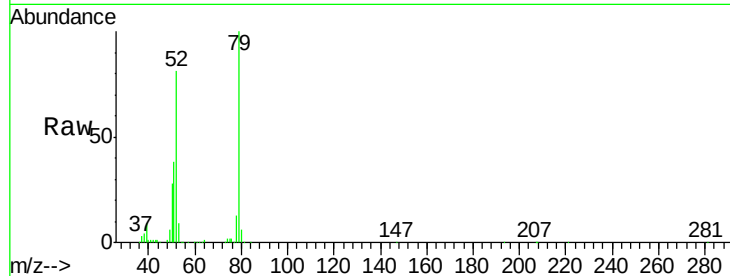
Tot Ion: 79 Resp: 445049

Ion Ratio Lower Upper

79 100

52 81.5 59.8 89.6

51 37.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 43.17 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.14 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

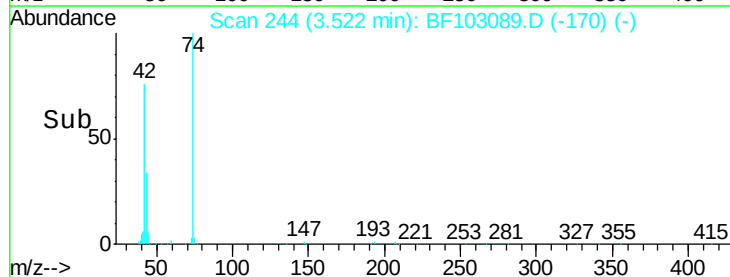
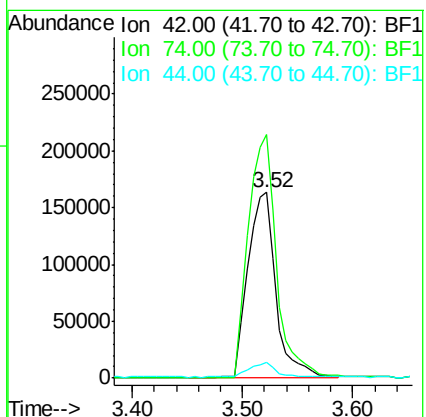
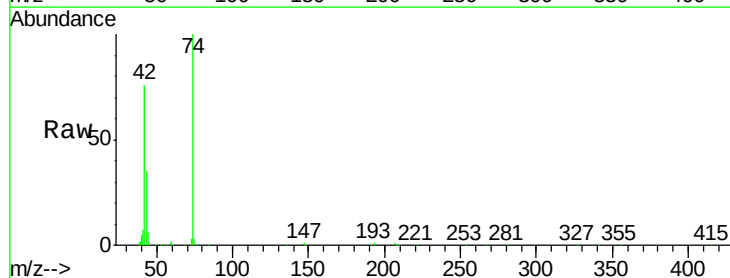
Tgt Ion: 42 Resp: 293573

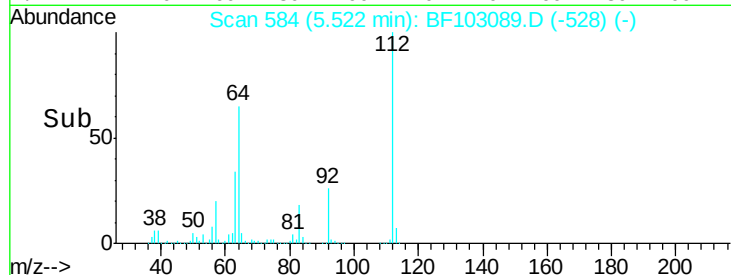
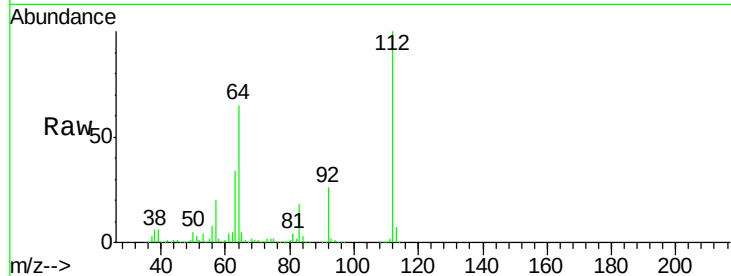
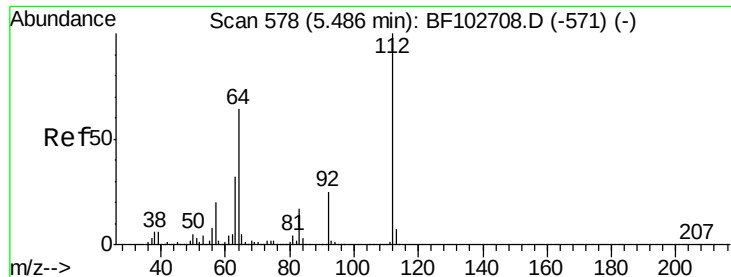
Ion Ratio Lower Upper

42 100

74 131.0 104.9 157.3

44 8.2 6.9 10.3

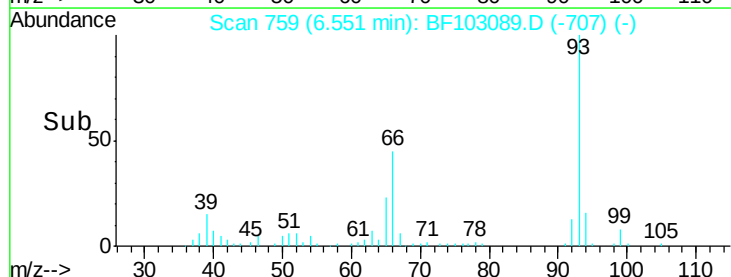
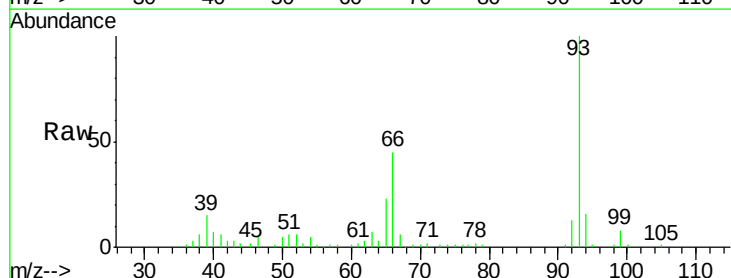
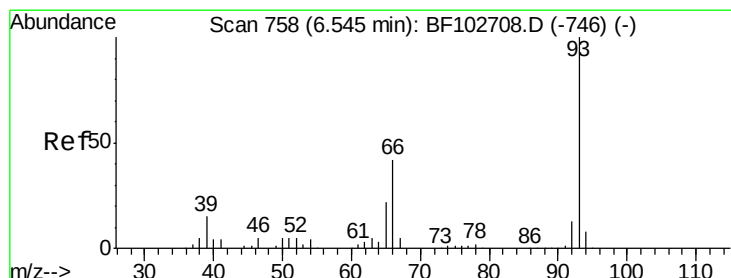
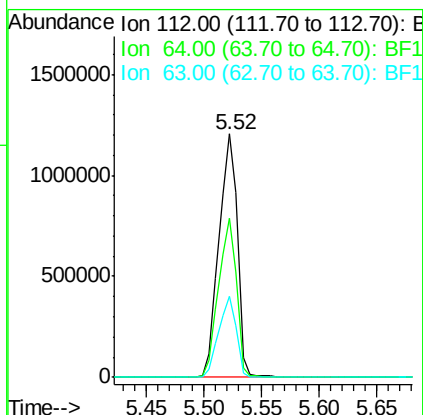




#5
2-Fluorophenol
Concen: 115.25 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.03 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

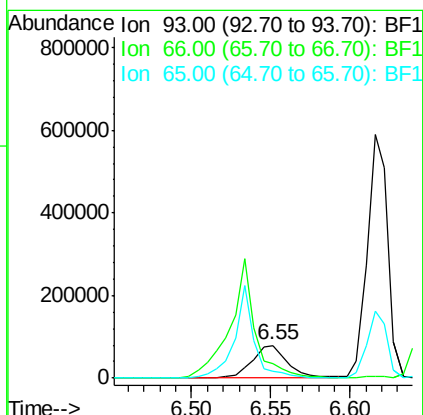
Instrument :
BNA_F
ClientSampleId :

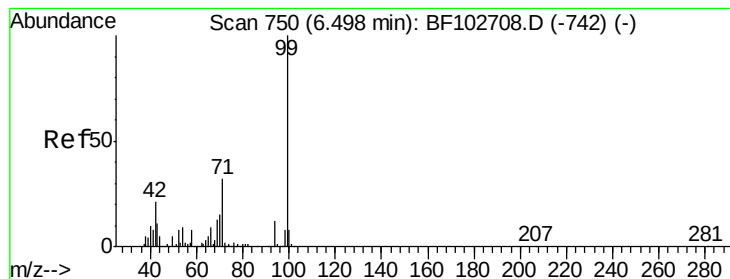
Tot Ion:112 Resp: 1342345
Ion Ratio Lower Upper
112 100
64 65.1 47.9 71.9
63 33.5 23.7 35.5



#6
Aniline
Concen: 6.02 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion: 93 Resp: 124613
Ion Ratio Lower Upper
93 100
66 45.3 32.2 48.2
65 22.5 16.4 24.6





#7

Phenol-d6

Concen: 109.23 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

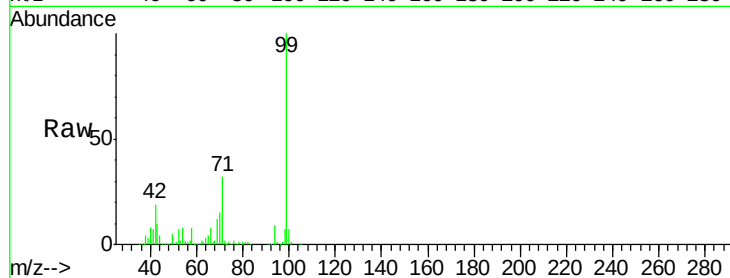
Tot Ion: 99 Resp: 1531858

Ion Ratio Lower Upper

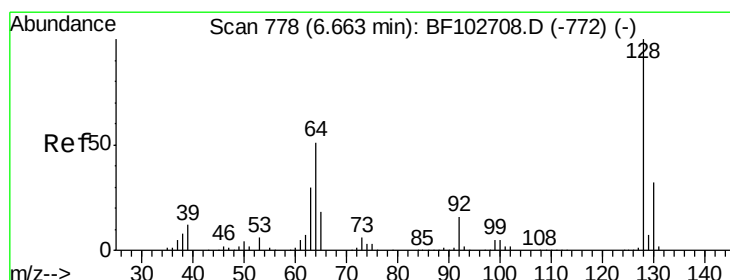
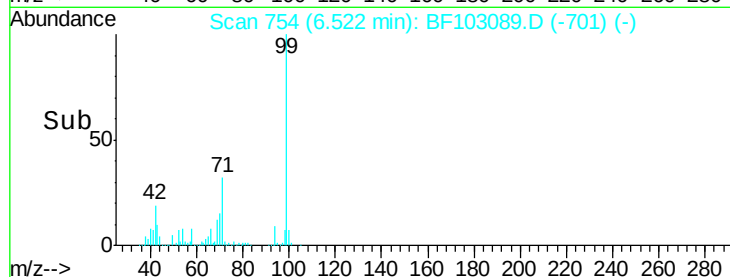
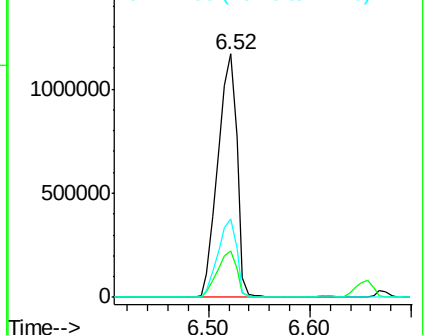
99 100

42 19.0 14.5 21.7

71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.00 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

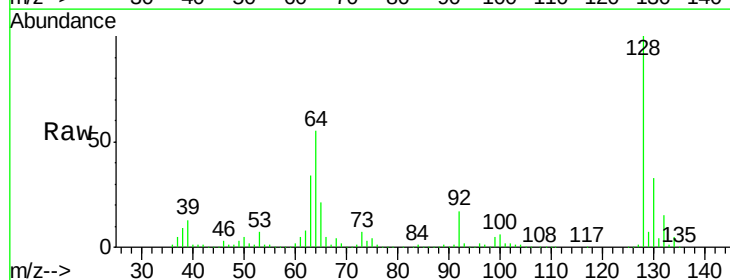
Tgt Ion: 128 Resp: 515599

Ion Ratio Lower Upper

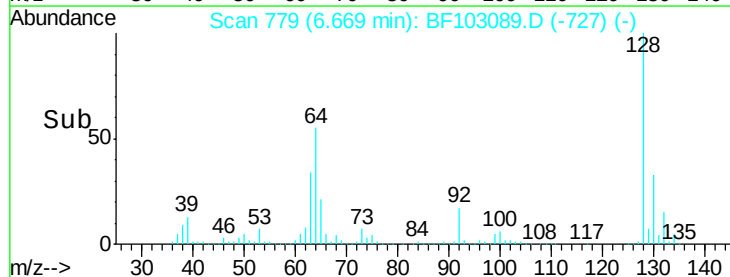
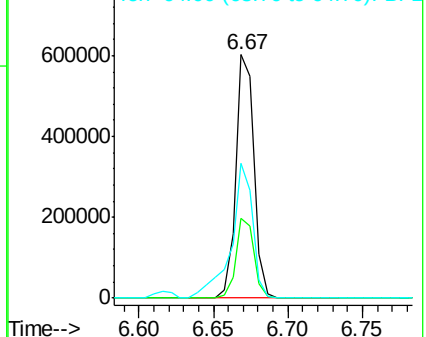
128 100

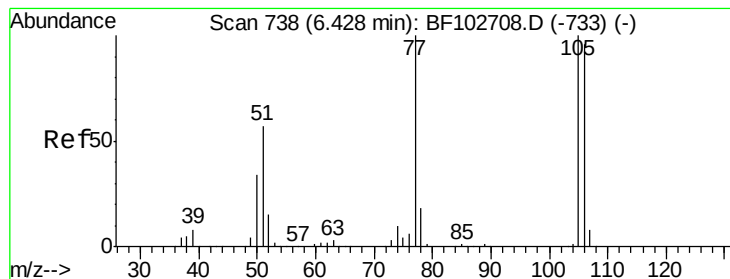
130 32.6 13.0 53.0

64 55.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.38 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

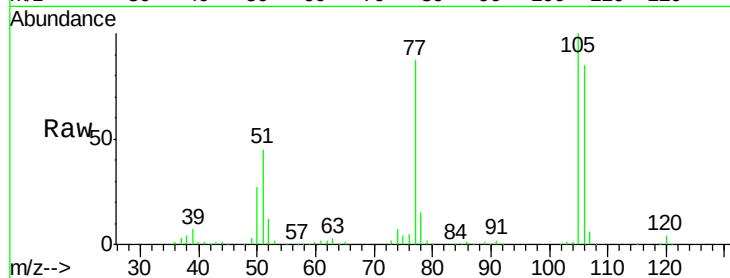
Tot Ion: 77 Resp: 97685

Ion Ratio Lower Upper

77 100

105 115.5 81.1 121.1

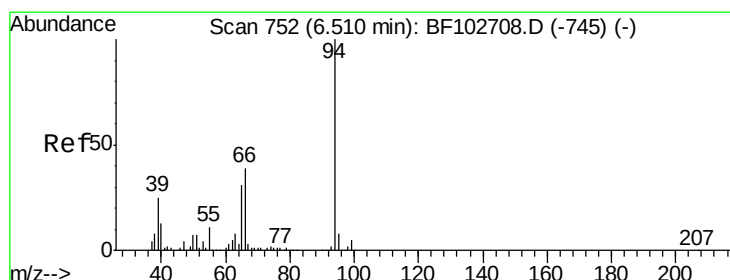
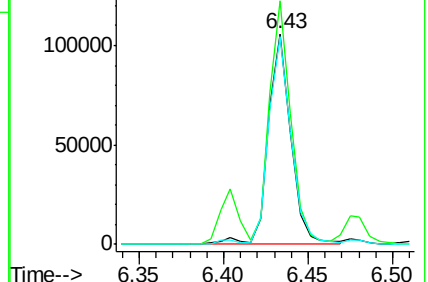
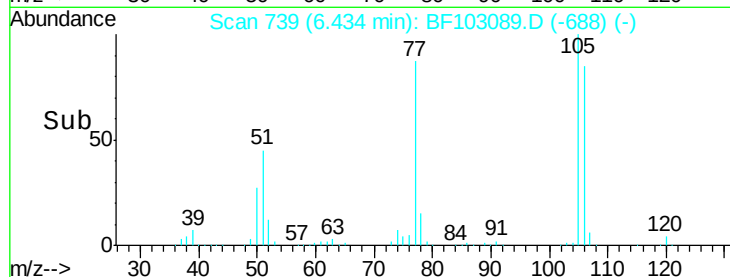
106 98.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.86 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

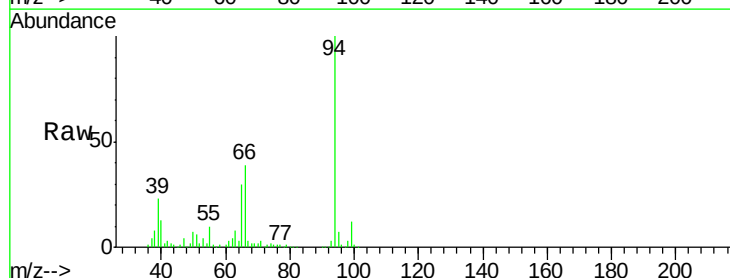
Tgt Ion: 94 Resp: 553913

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

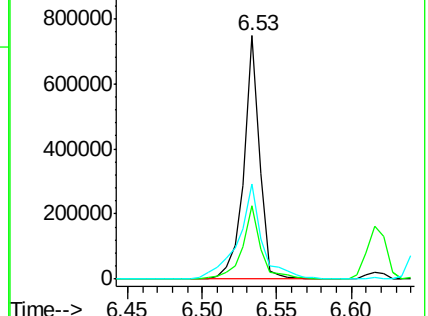
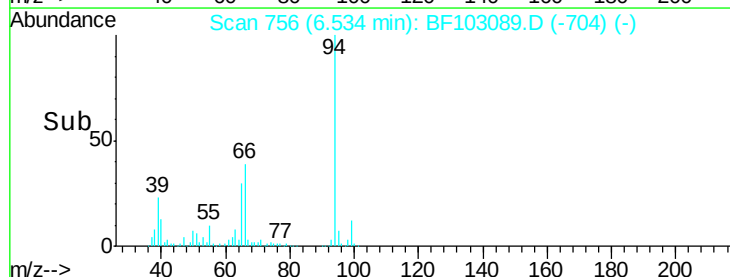
66 38.9 16.2 56.2

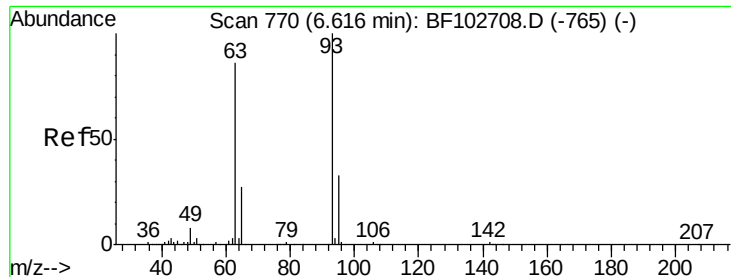


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.33 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

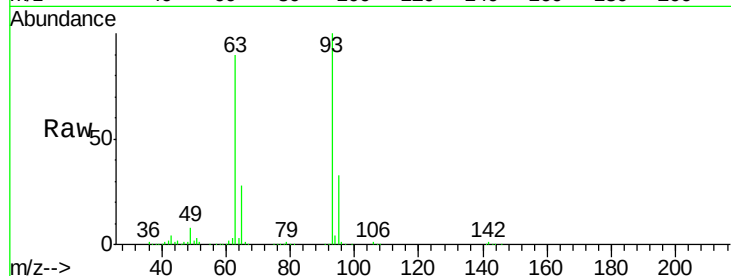
Tot Ion: 93 Resp: 529376

Ion Ratio Lower Upper

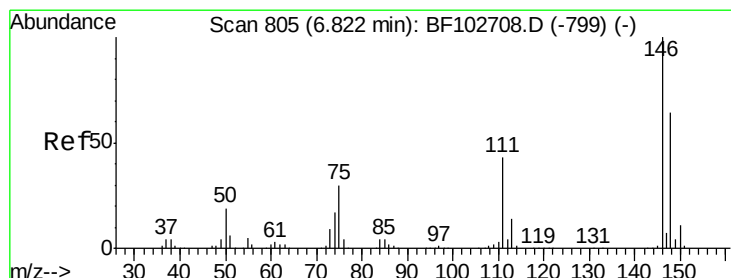
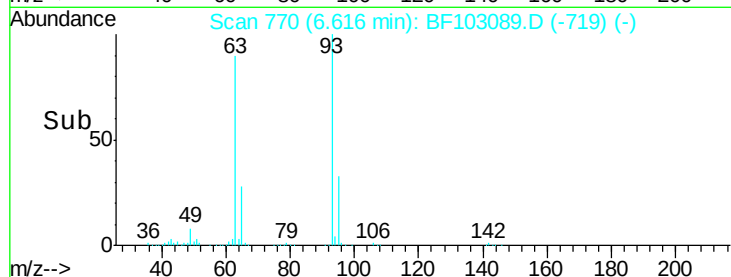
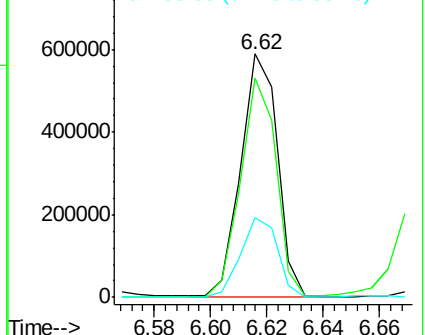
93 100

63 90.3 58.6 98.6

95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.49 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

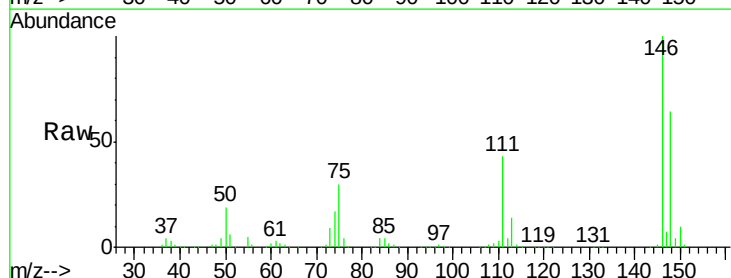
Tgt Ion: 146 Resp: 562258

Ion Ratio Lower Upper

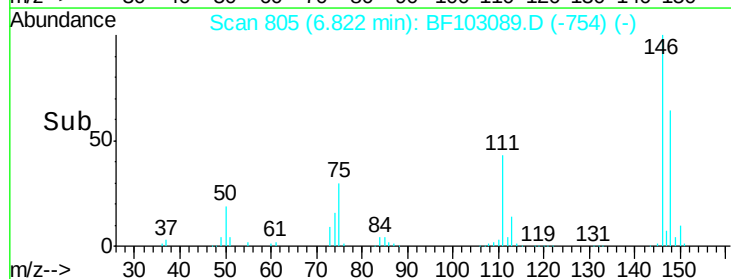
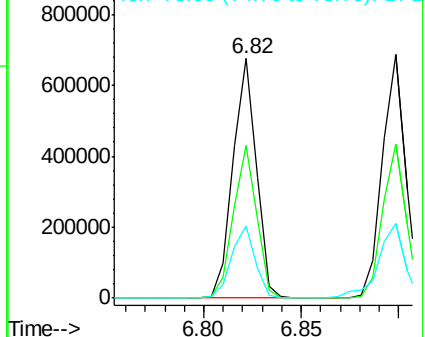
146 100

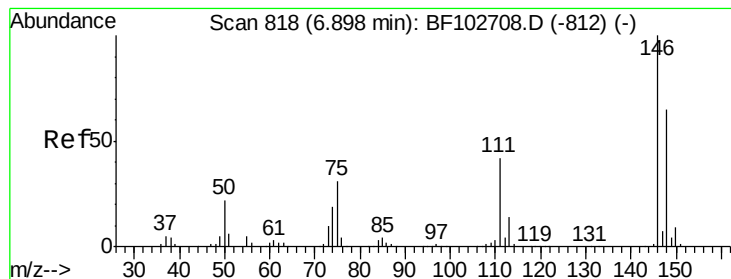
148 63.9 51.8 77.8

75 30.4 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.80 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampled :

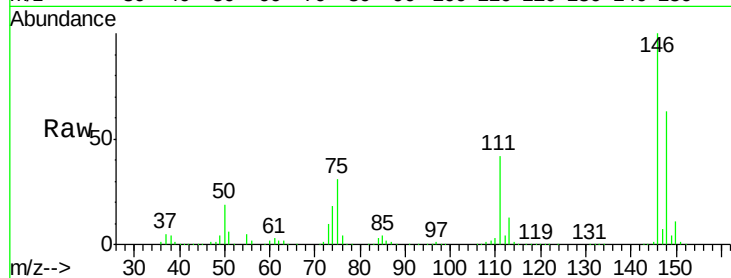
Tot Ion:146 Resp: 564363

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

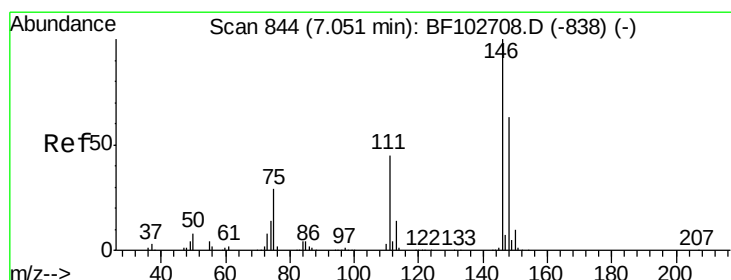
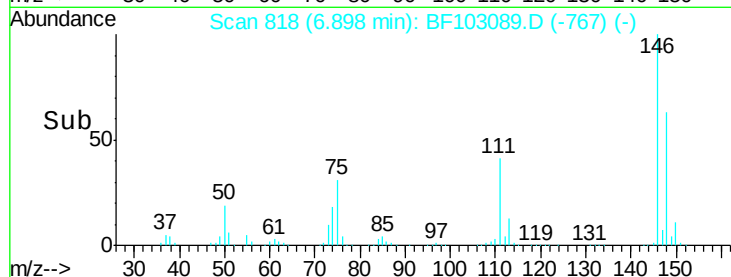
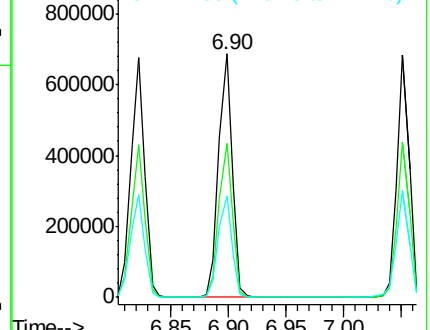
111 41.5 34.2 51.2



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: 39.09 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

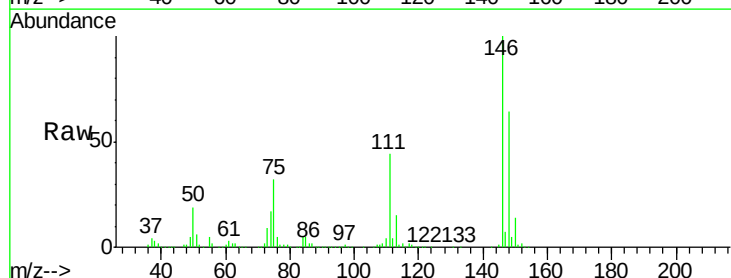
Tgt Ion:146 Resp: 503575

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

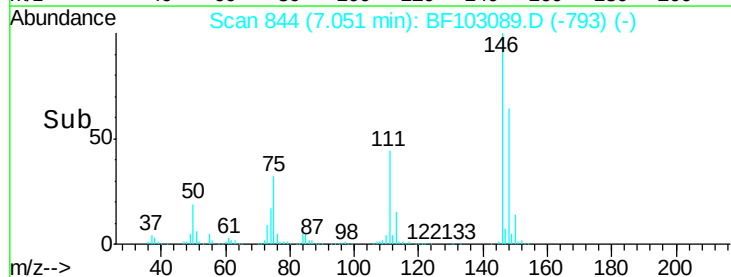
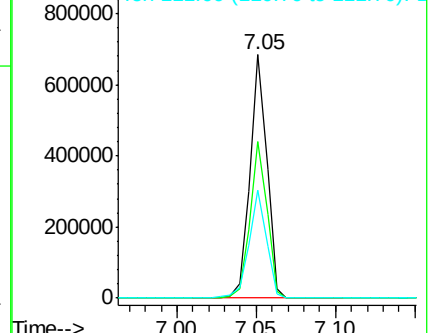
111 44.1 36.0 54.0

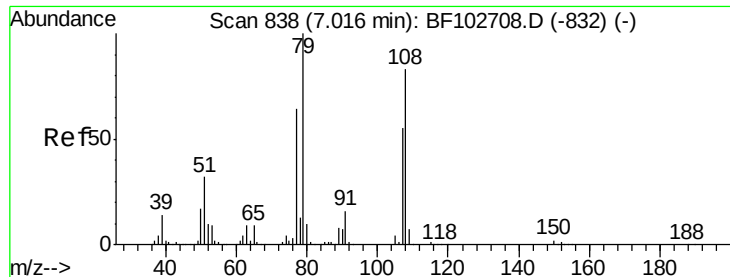


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

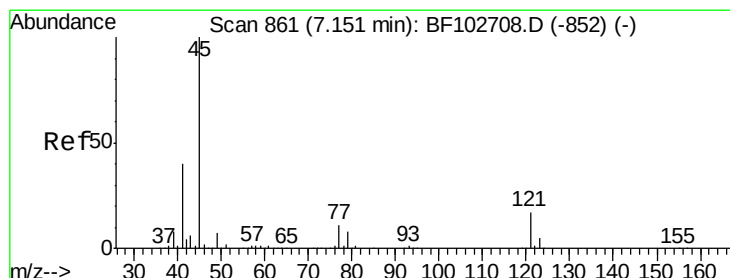
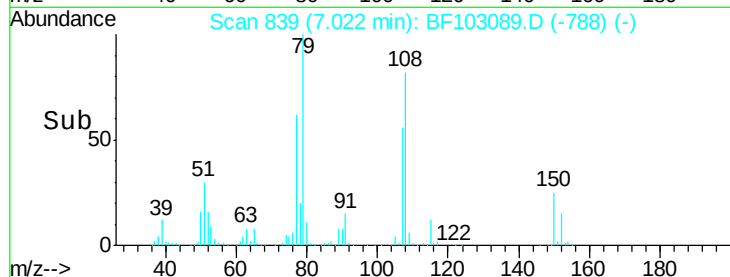
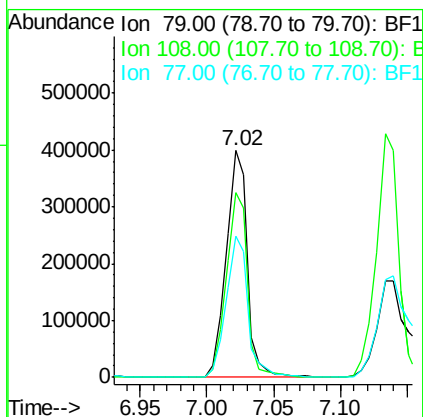
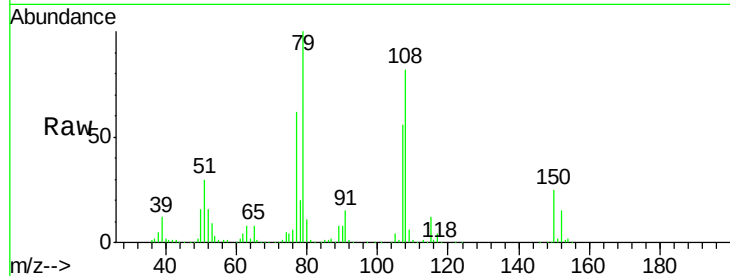




#15
Benzyl Alcohol
Concen: 41.61 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

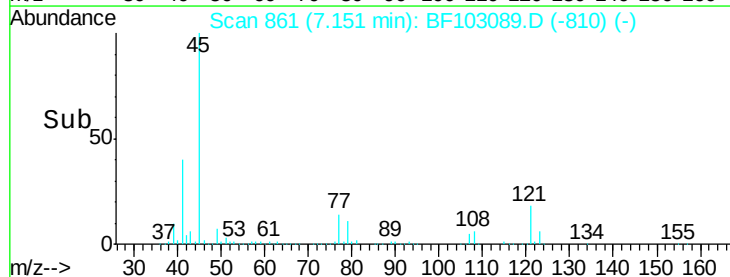
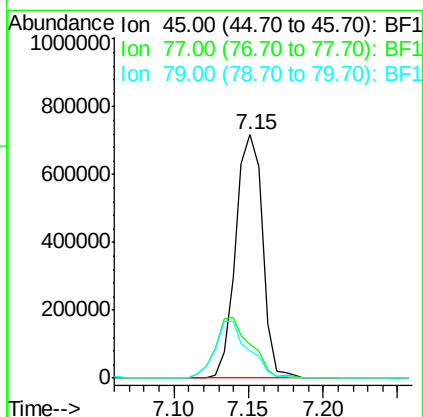
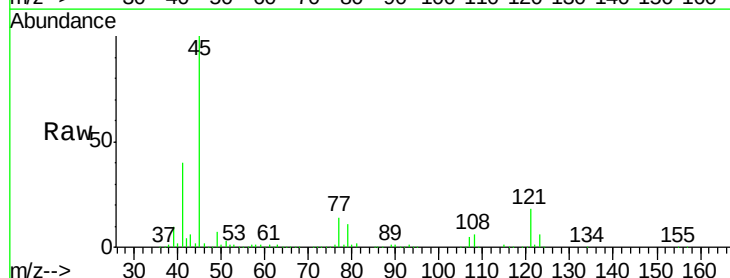
Instrument :
BNA_F
ClientSampleId :

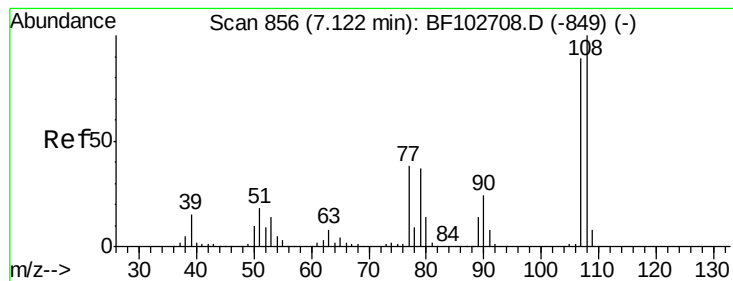
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	65.1	97.7
77	62.2	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.03 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.9
79	11.1	0.0	29.6

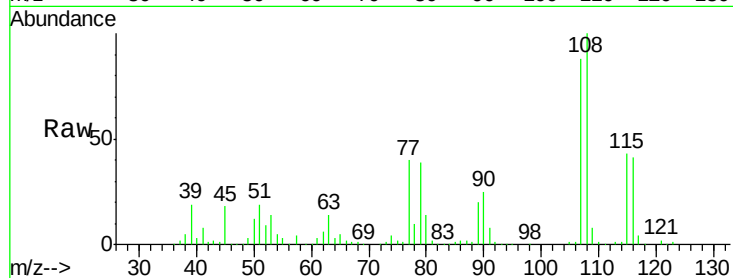




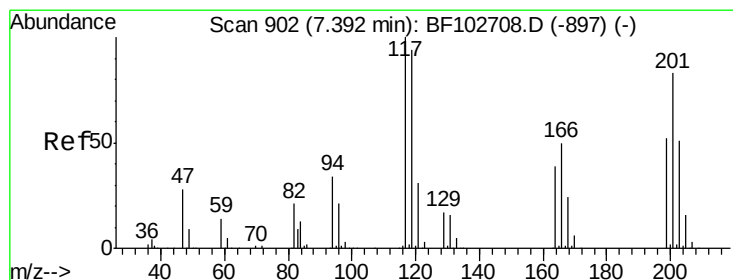
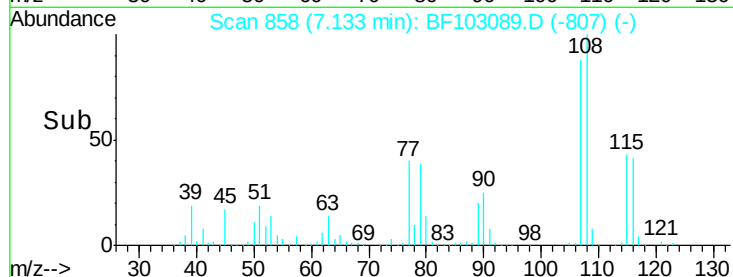
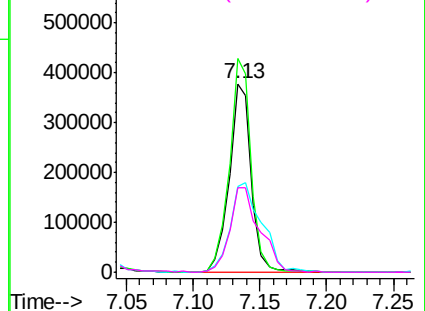
#17
2-Methylphenol
Concen: 39.25 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 434068
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 45.8 33.8 50.8
79 44.7 33.8 50.8

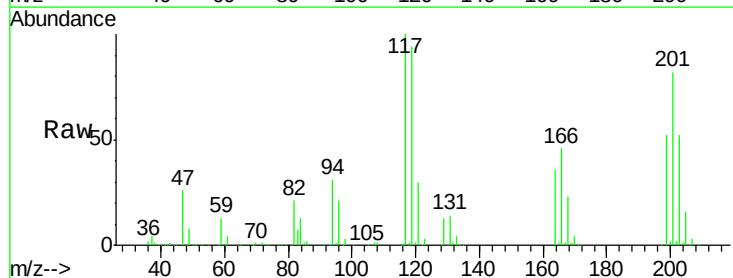


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

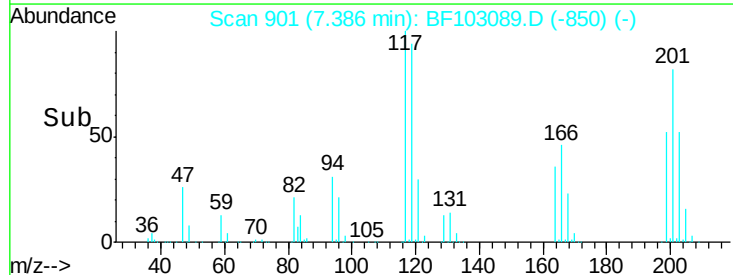
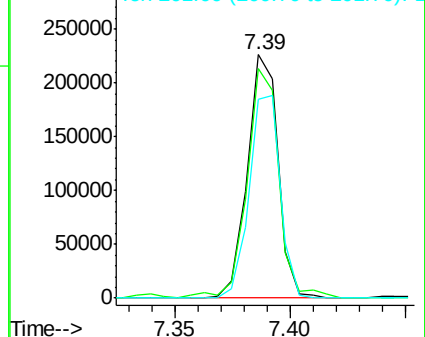


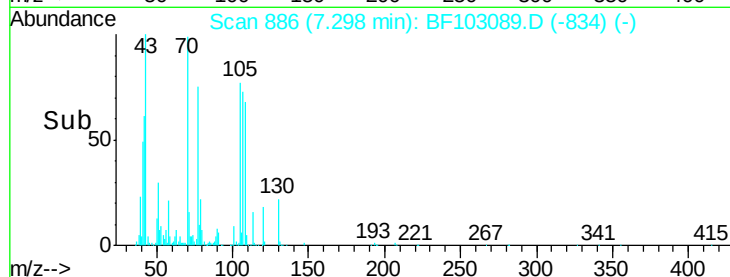
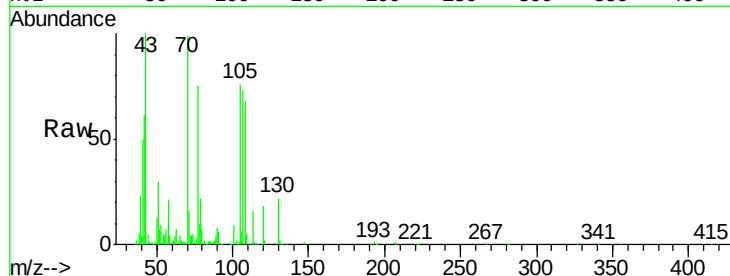
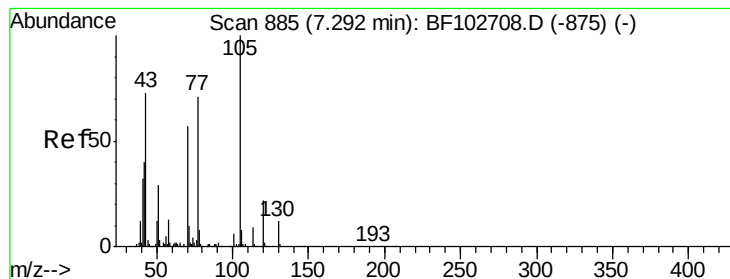
#18
Hexachloroethane
Concen: 44.42 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:117 Resp: 210710
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.8
201 81.7 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: 38.28 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 353940

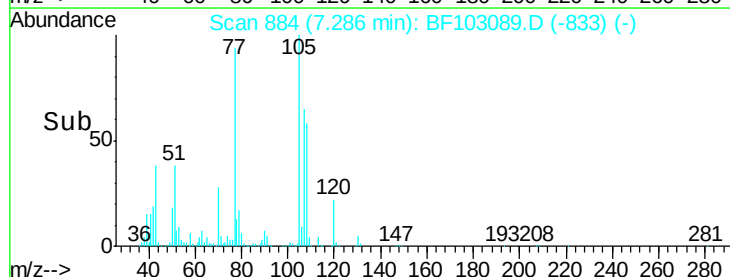
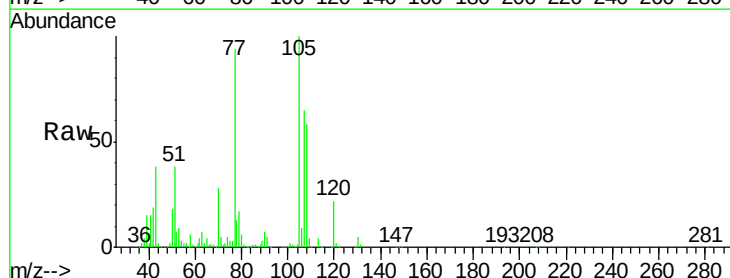
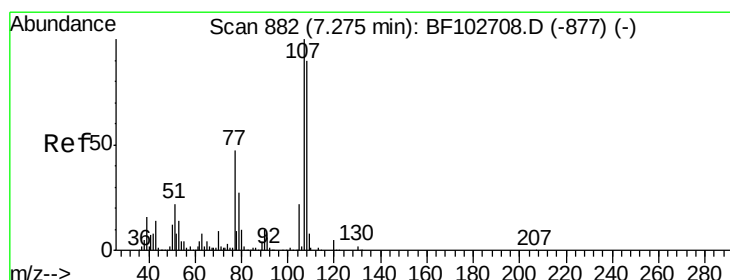
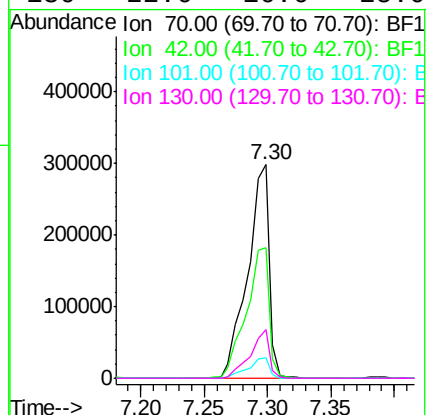
Ion Ratio Lower Upper

70 100

42 61.3 47.5 71.3

101 9.4 7.4 11.2

130 22.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.03 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Tgt Ion: 107 Resp: 505053

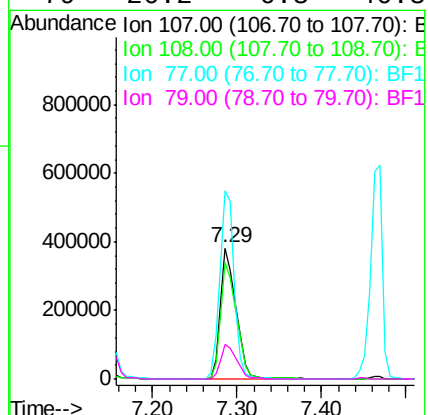
Ion Ratio Lower Upper

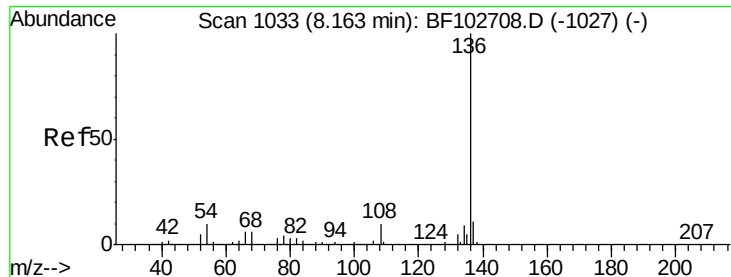
107 100

108 88.8 68.2 108.2

77 143.7 26.7 66.7#

79 26.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 744852

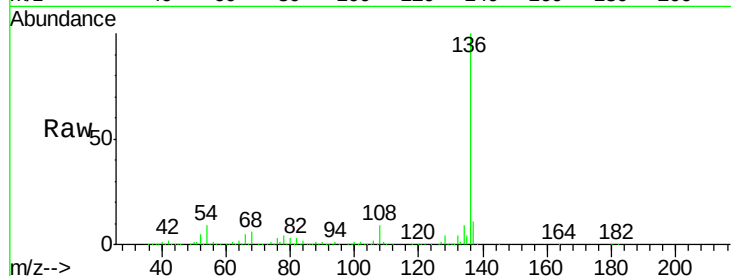
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 6.5 5.0 7.4

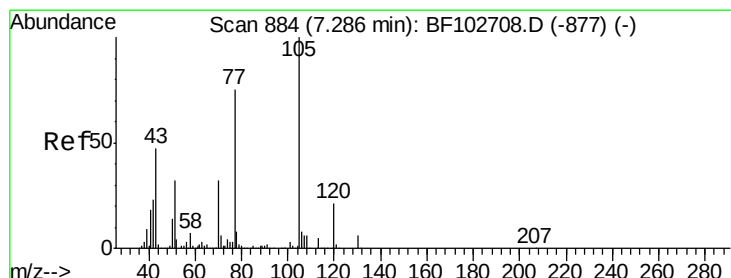
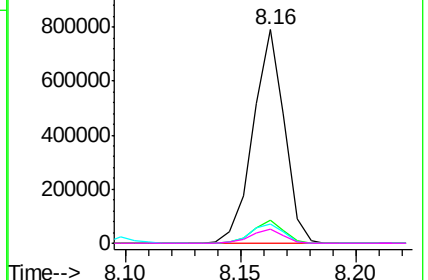
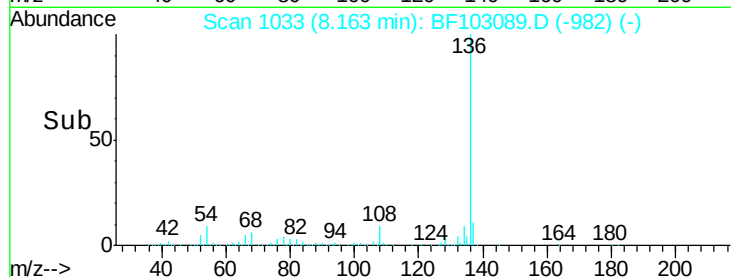


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.70 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Tgt Ion:105 Resp: 705468

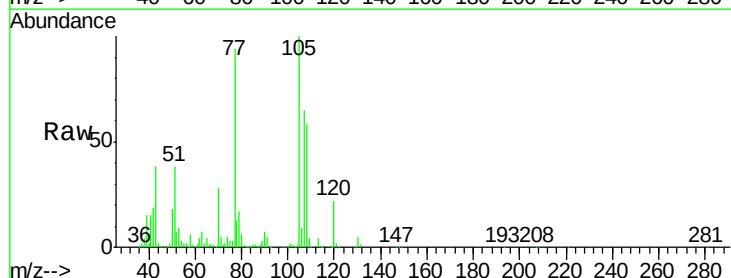
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 38.2 22.3 33.5#

120 21.5 16.9 25.3

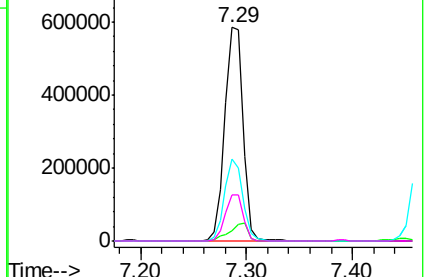
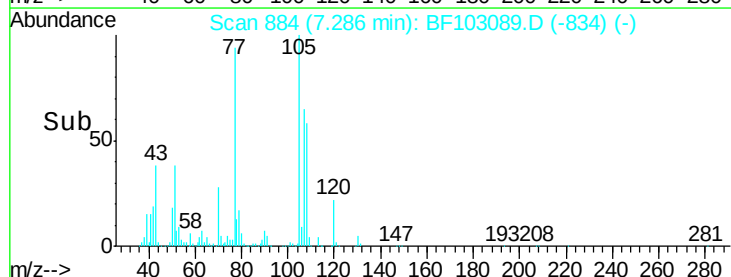


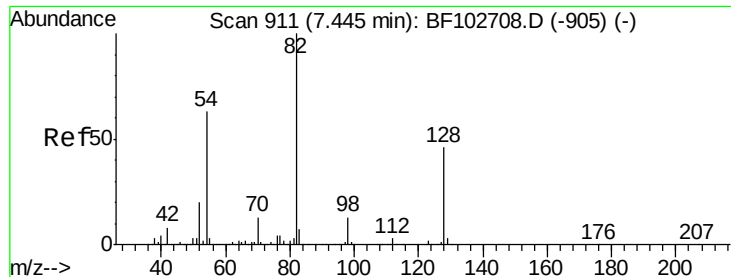
Abundance Ion 105.00 (104.70 to 105.70): E

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

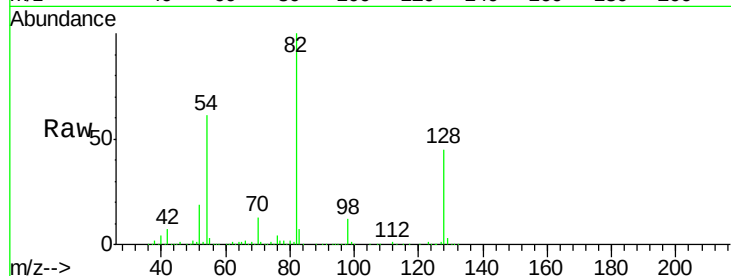




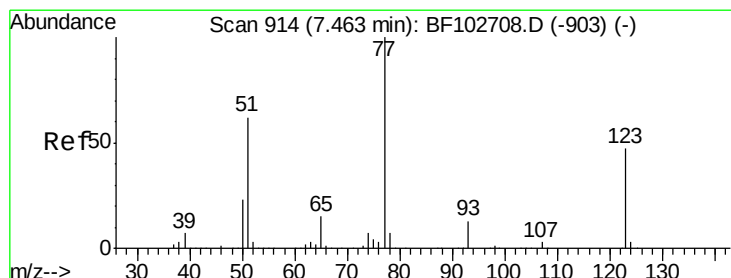
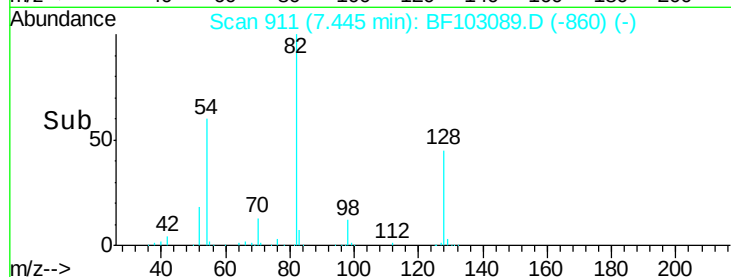
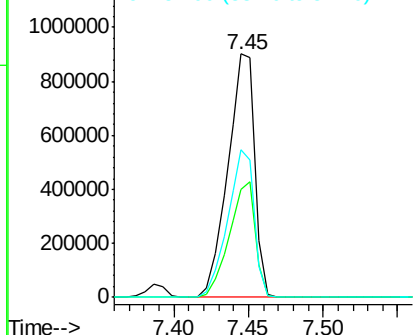
#23
 Nitrobenzene-d5
 Concen: 106.67 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1145299
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 60.7 41.4 62.2

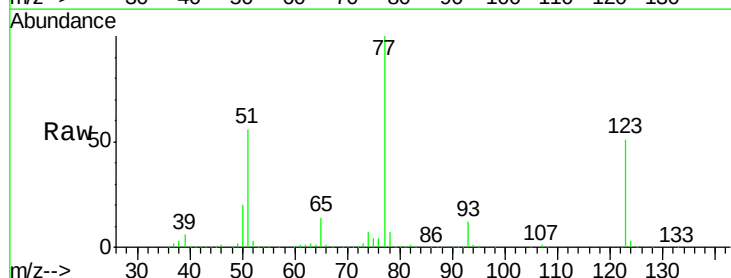


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

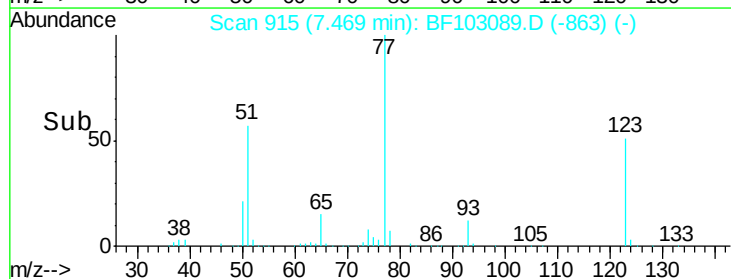
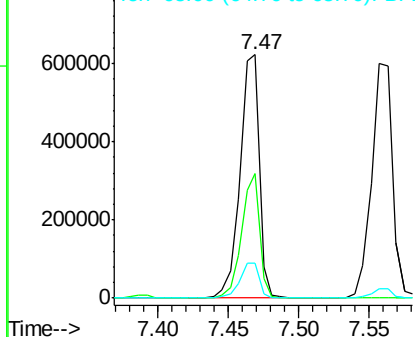


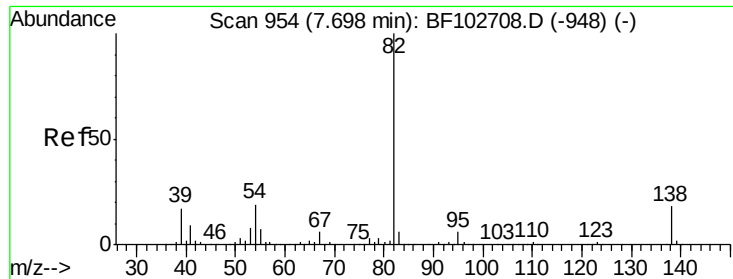
#24
 Nitrobenzene
 Concen: 46.44 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion: 77 Resp: 586550
 Ion Ratio Lower Upper
 77 100
 123 51.1 37.9 56.9
 65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 43.50 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :
BNA_F
ClientSampled :

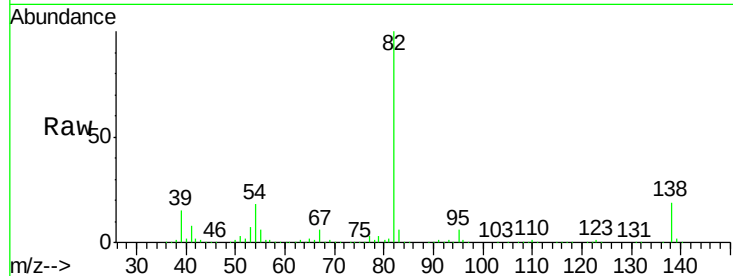
Tot Ion: 82 Resp: 1075600

Ion Ratio Lower Upper

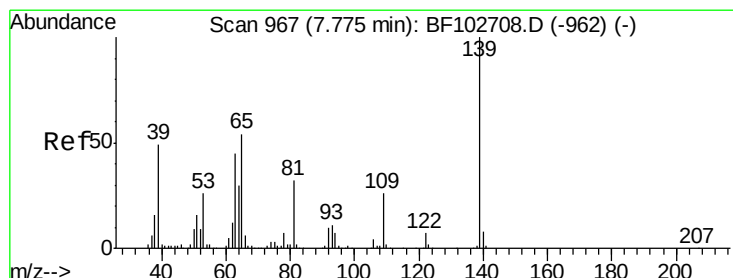
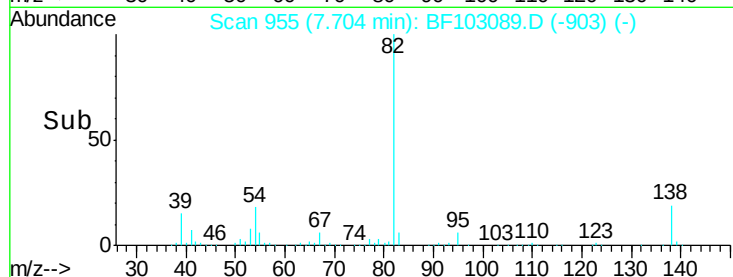
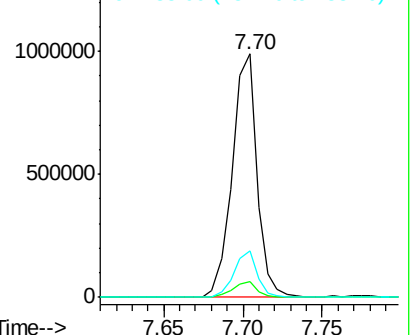
82 100

95 6.4 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: 56.74 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

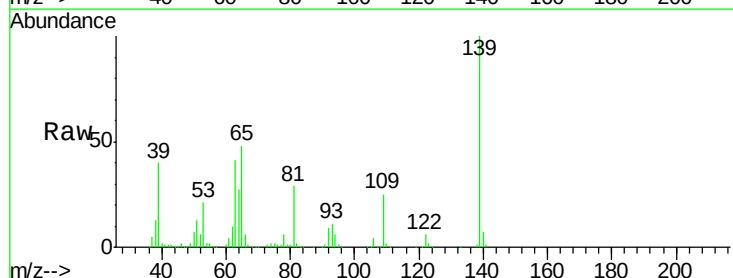
Tgt Ion: 139 Resp: 304378

Ion Ratio Lower Upper

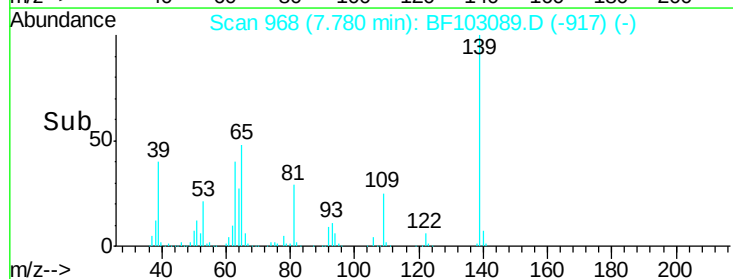
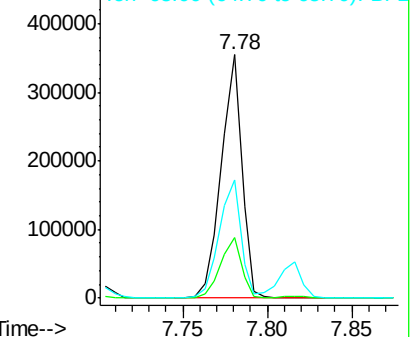
139 100

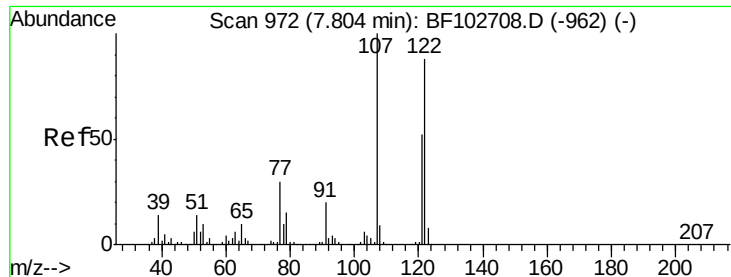
109 25.0 22.7 34.1

65 48.4 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: 45.84 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

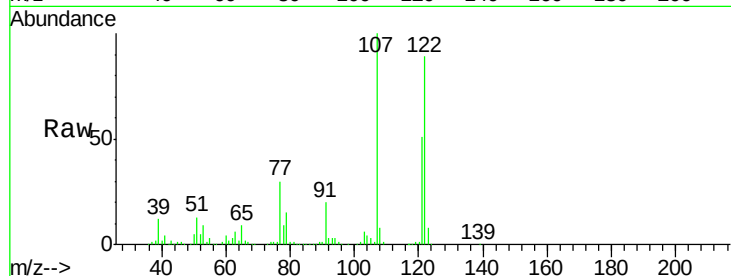
Tot Ion:122 Resp: 478839

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

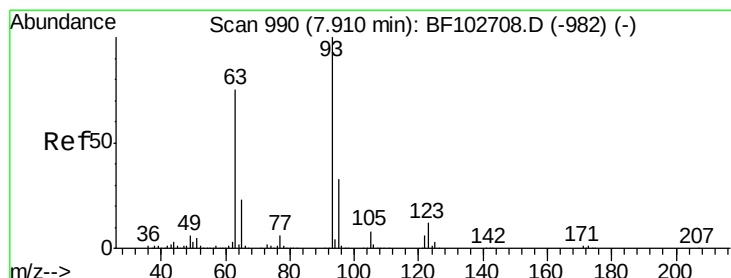
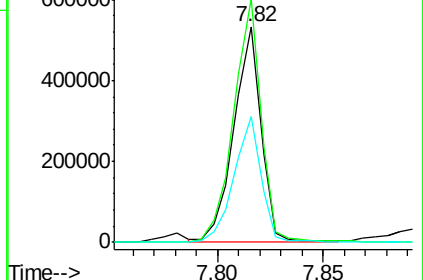
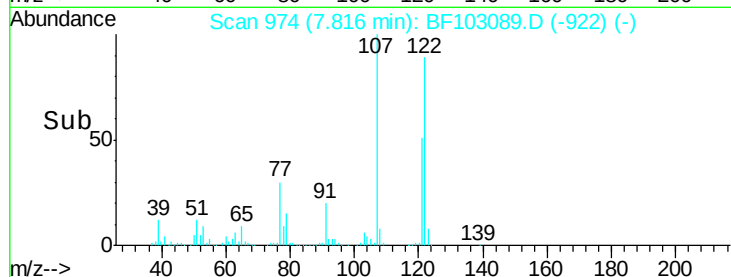
121 58.1 47.2 70.8



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: 45.49 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

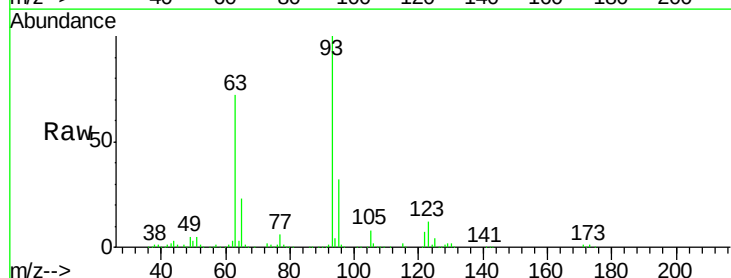
Tgt Ion: 93 Resp: 666302

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

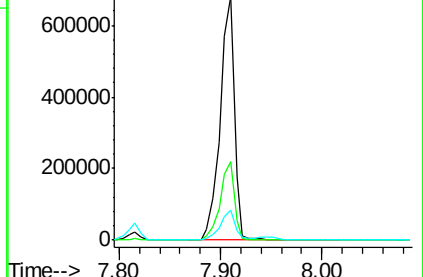
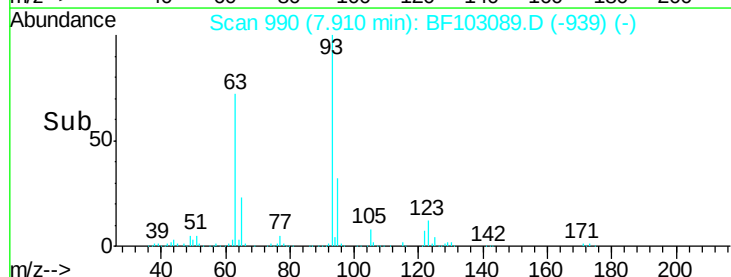
123 12.2 9.8 14.6

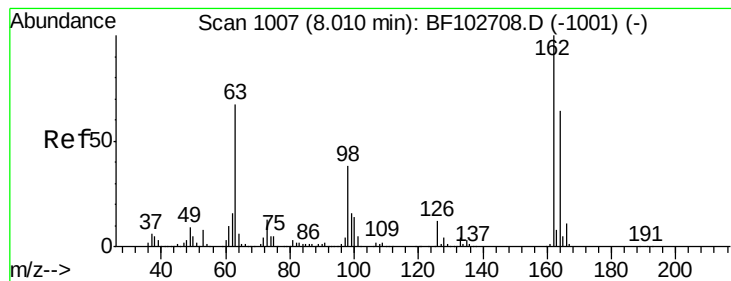


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.41 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

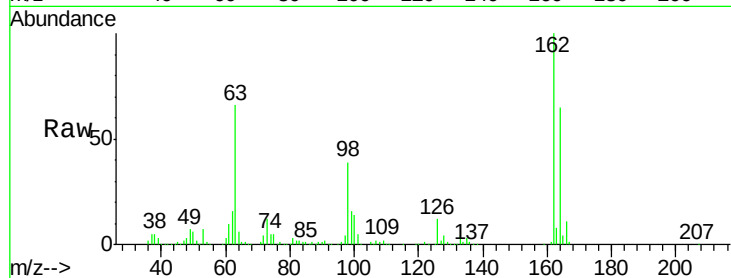
Tot Ion:162 Resp: 431232

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

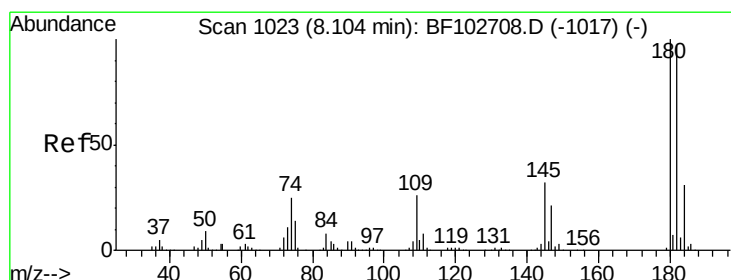
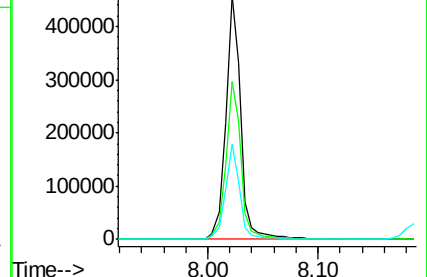
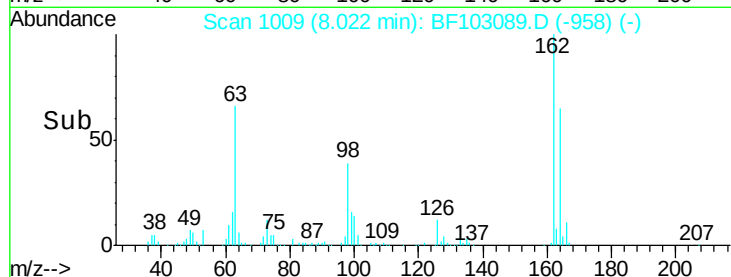
98 39.2 18.1 58.1



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: 40.84 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

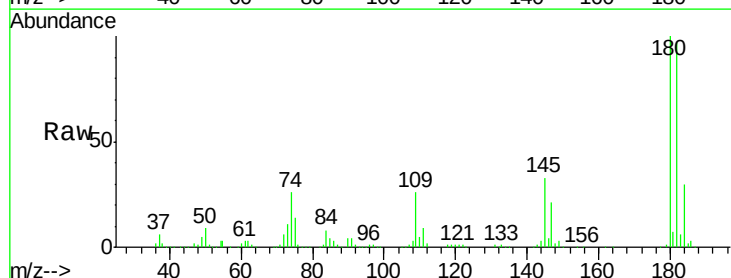
Tgt Ion:180 Resp: 438763

Ion Ratio Lower Upper

180 100

182 97.2 76.8 115.2

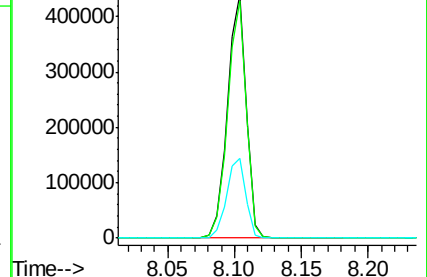
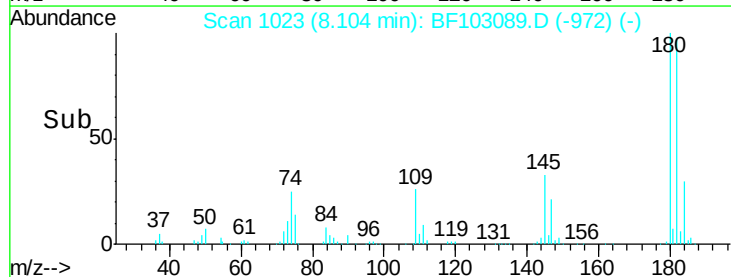
145 32.8 26.5 39.7

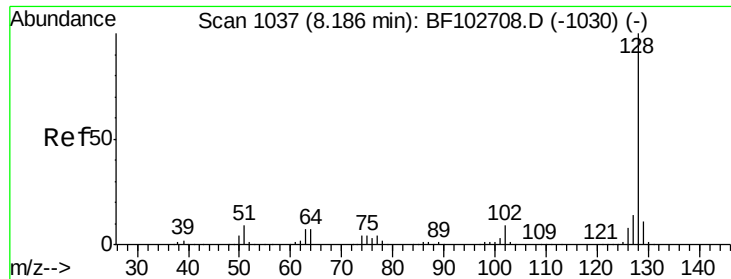


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

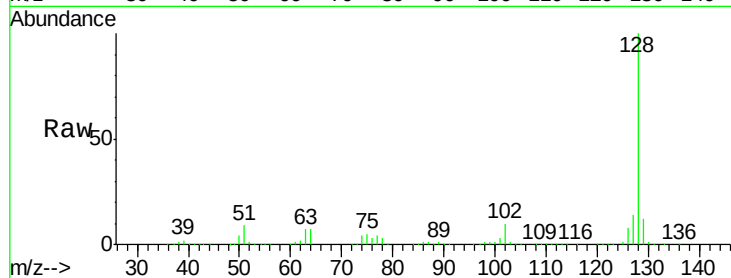




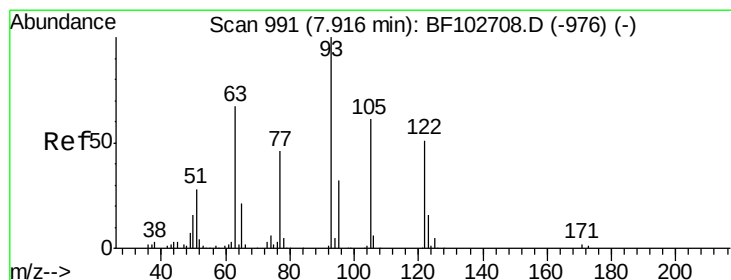
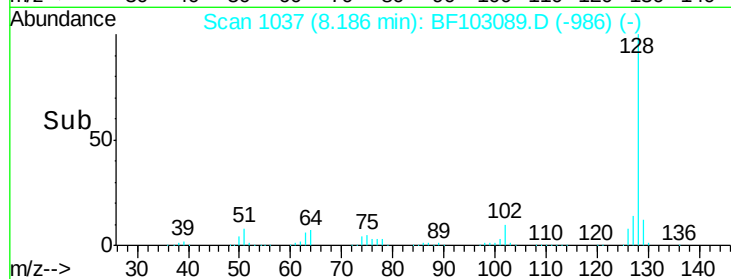
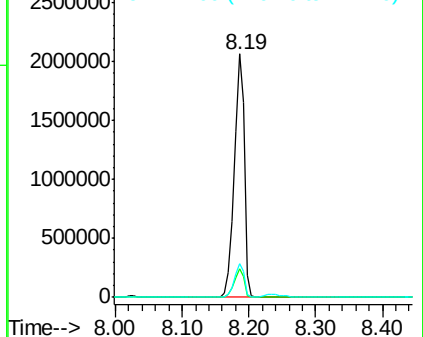
#31
Naphthalene
Concen: 60.81 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 2213075
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3

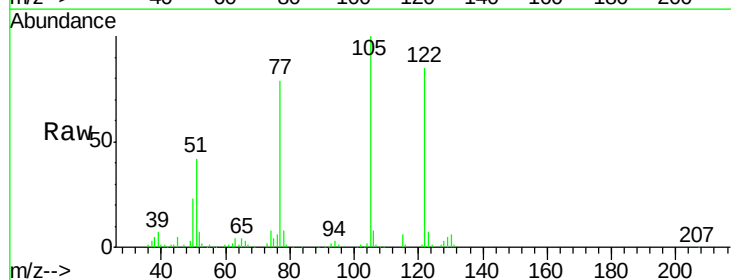


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

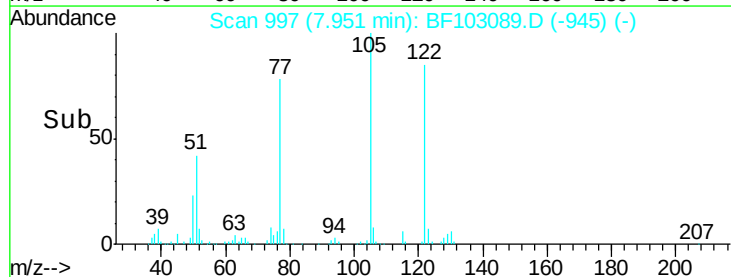
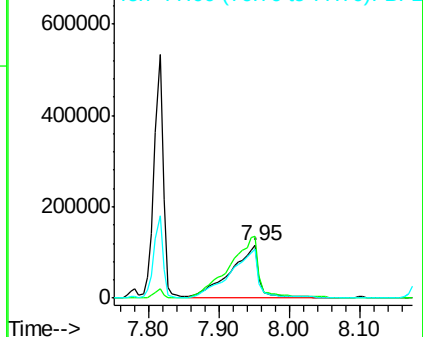


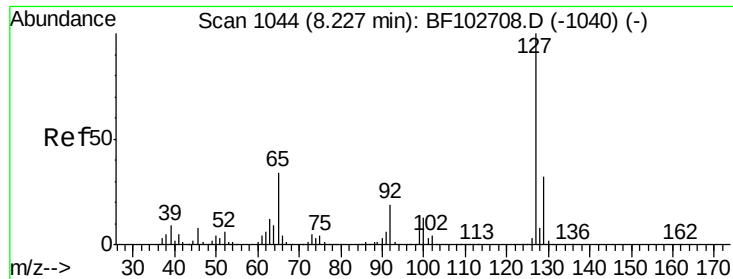
#32
Benzoic acid
Concen: 45.31 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:122 Resp: 326629
Ion Ratio Lower Upper
122 100
105 118.3 101.1 141.1
77 93.7 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

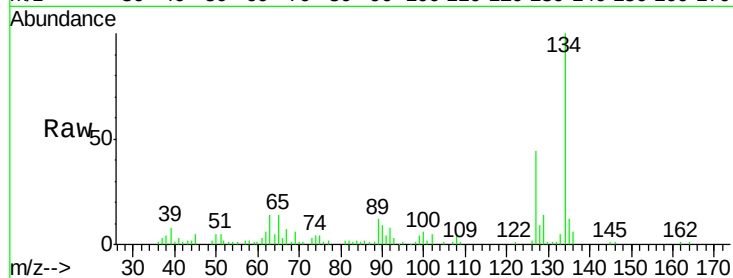




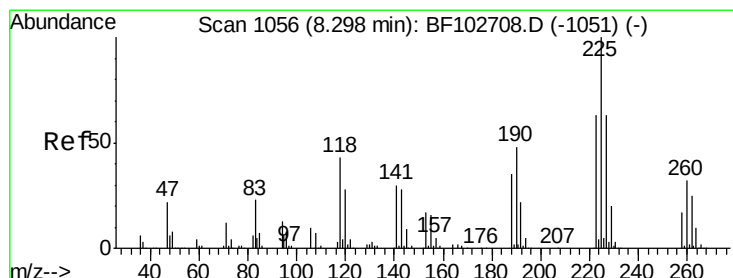
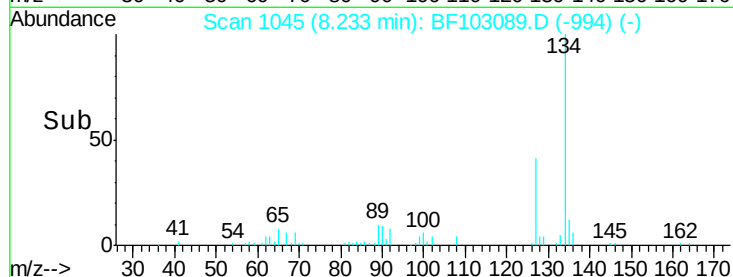
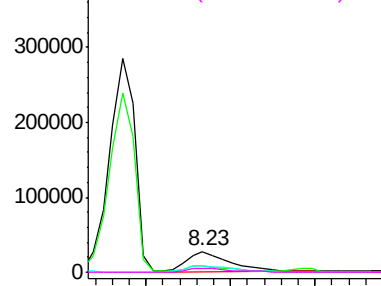
#33
4-Chloroaniline
Concen: 3.13 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	49031
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	32.0	25.0	37.4
92	18.7	15.2	22.8

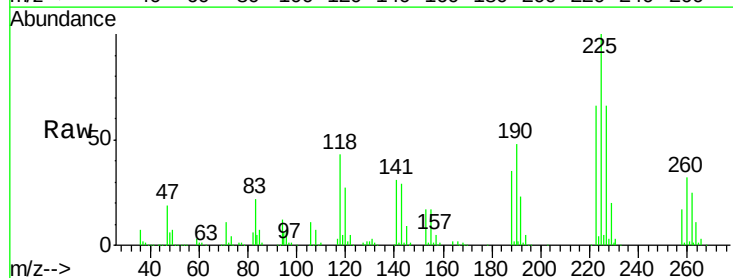


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

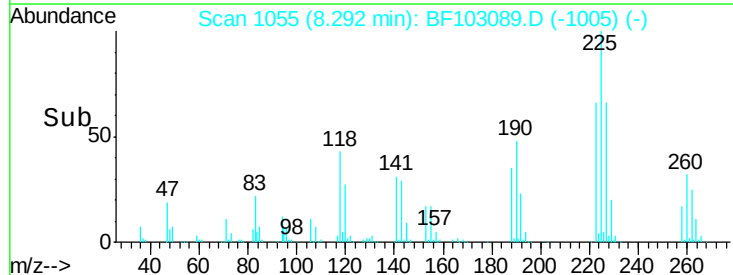
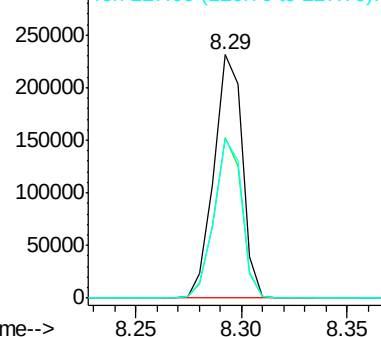


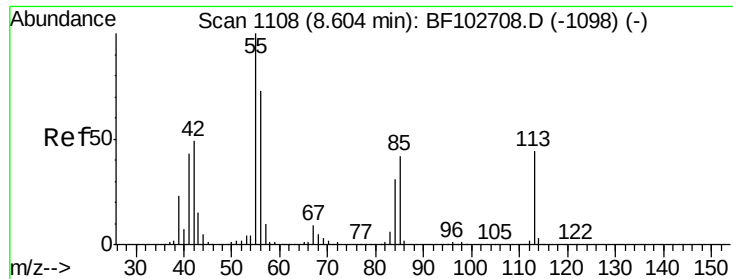
#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:	225	Resp:	215623
Ion	Ratio	Lower	Upper
225	100		
223	65.9	50.6	76.0
227	65.6	51.9	77.9



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

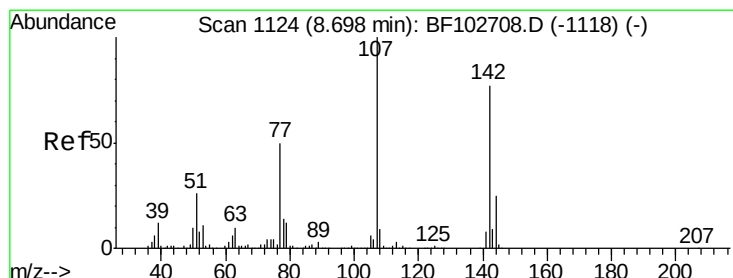
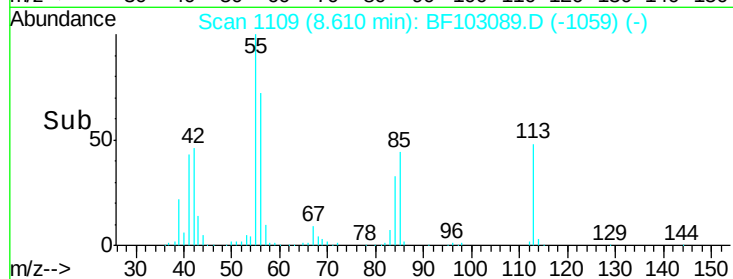
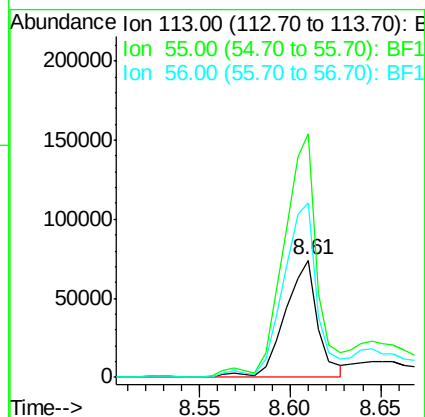
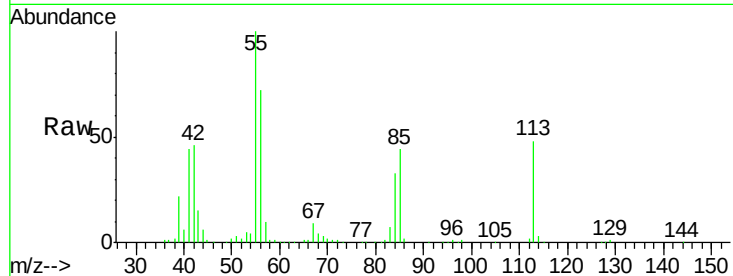




#35
 Caprolactam
 Concen: 28.46 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

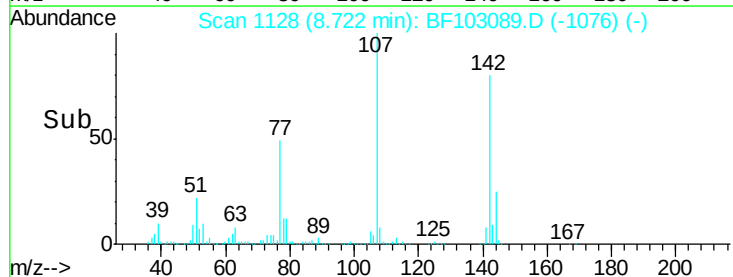
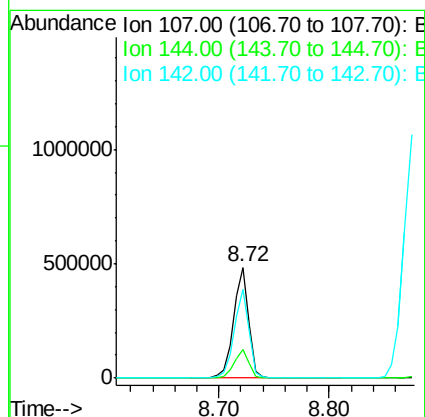
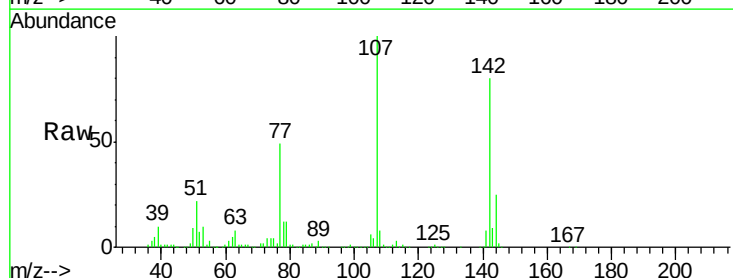
Instrument :
 BNA_F
 ClientSampleId :

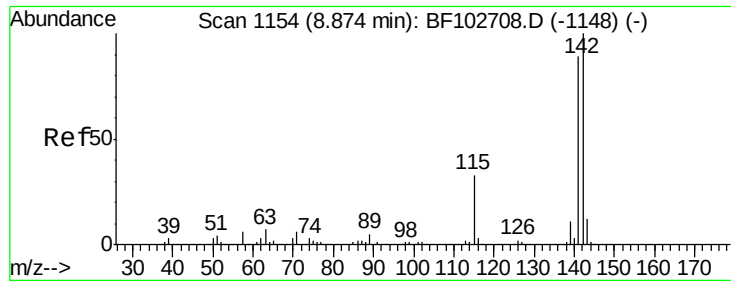
Tot Ion:113 Resp: 93866
 Ion Ratio Lower Upper
 113 100
 55 207.3 163.3 203.3#
 56 148.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.84 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion:107 Resp: 467719
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 80.4 62.0 93.0

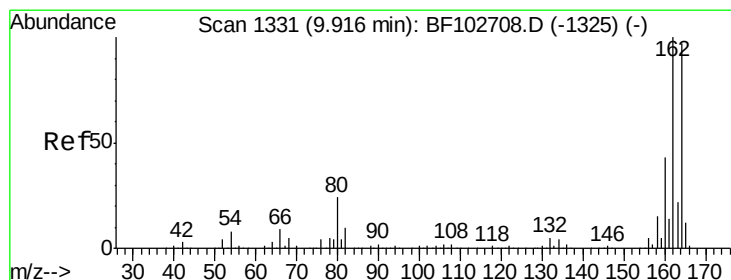
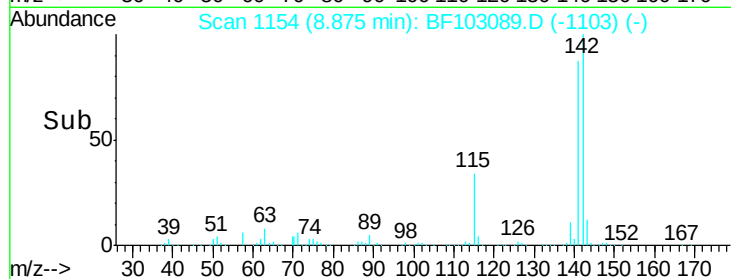
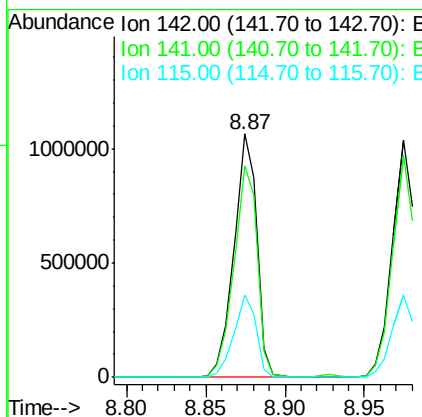
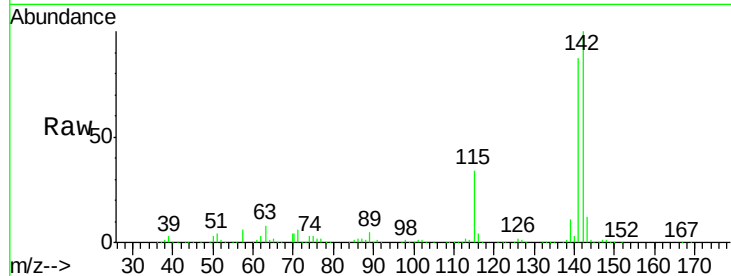




#37
2-Methylnaphthalene
Concen: 44.82 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

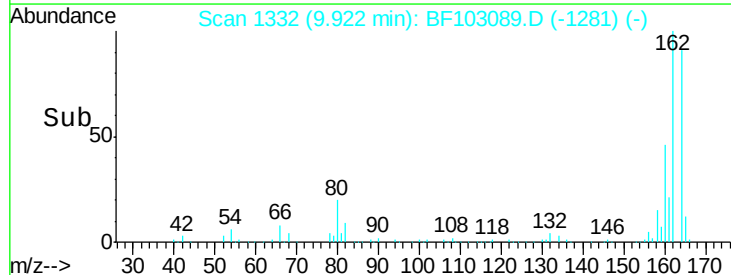
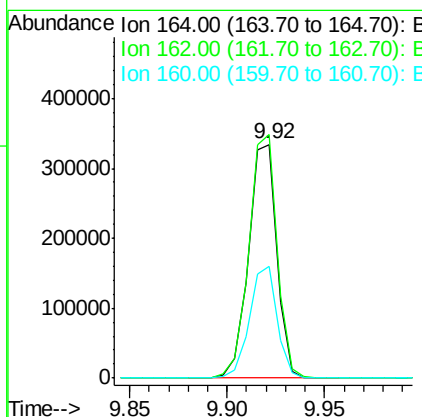
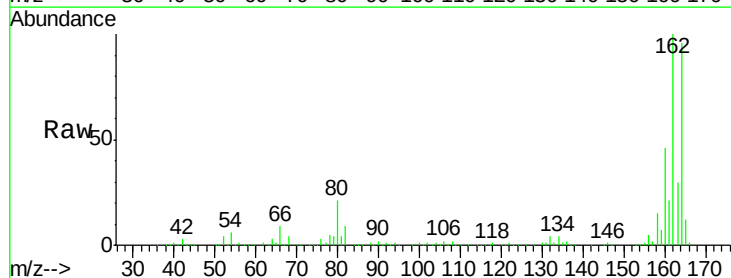
Instrument :
BNA_F
ClientSampled :

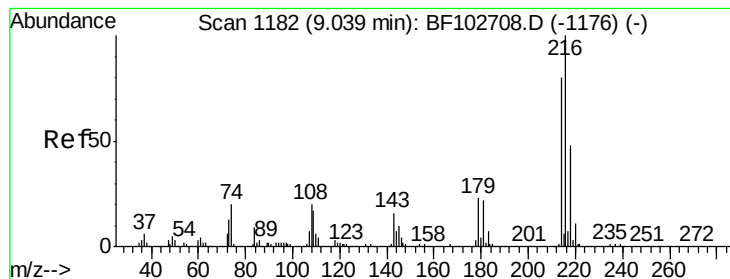
Tot Ion:142 Resp: 1067884
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:164 Resp: 335361
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 47.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.49 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 378834

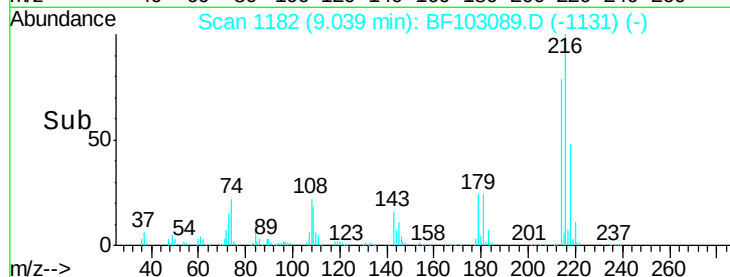
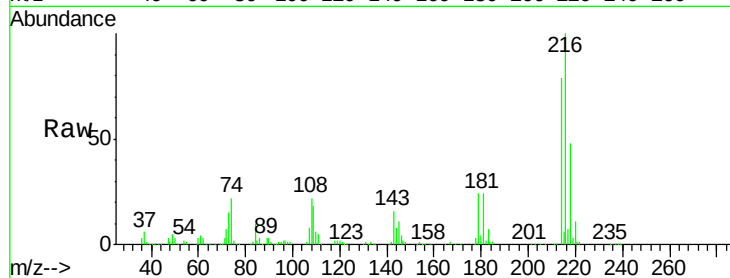
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 23.4 18.1 27.1

108 22.9 17.2 25.8

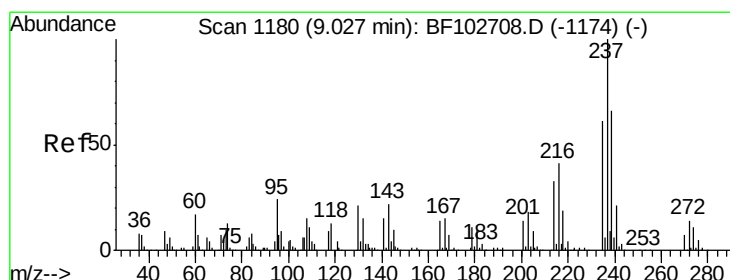
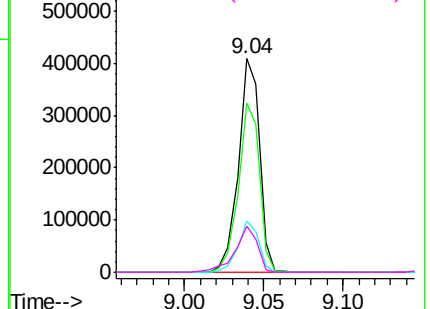


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.19 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

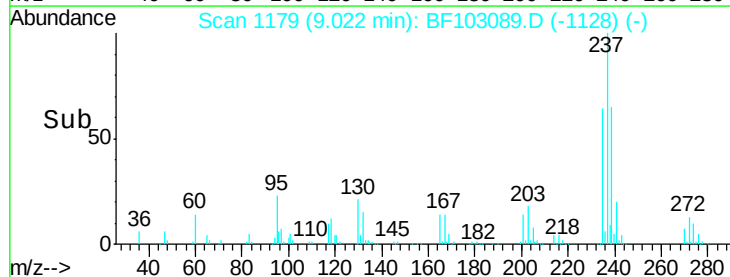
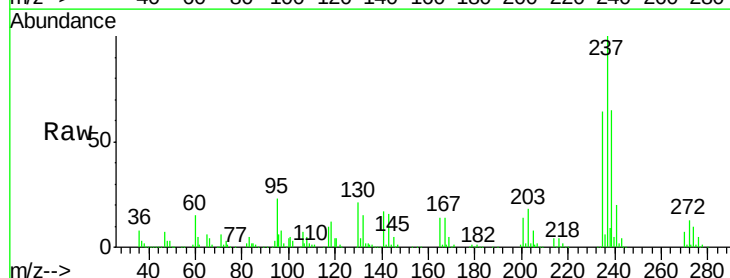
Tgt Ion:237 Resp: 200506

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

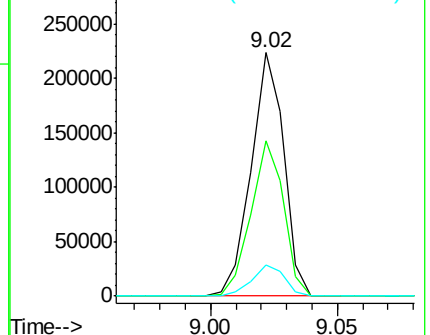
272 12.9 0.0 33.3

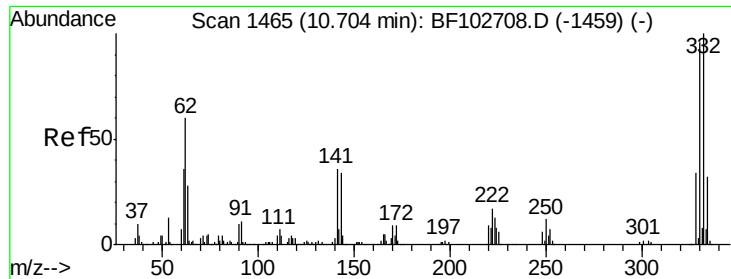


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

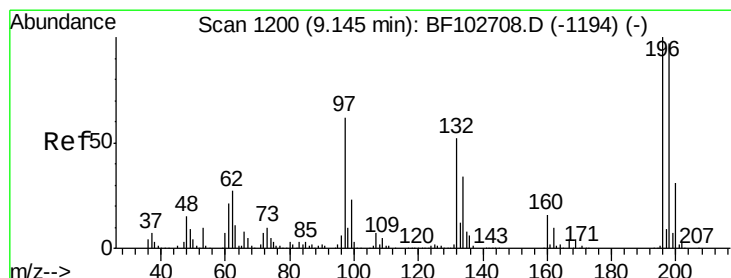
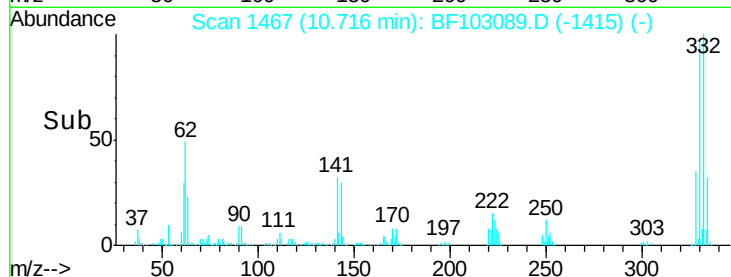
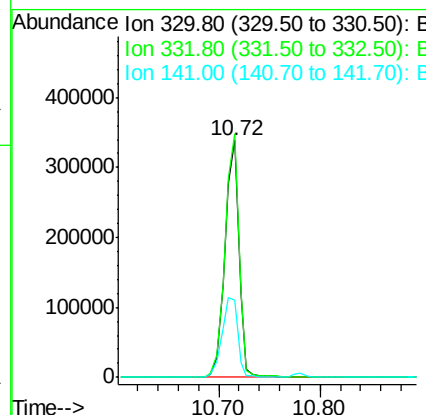
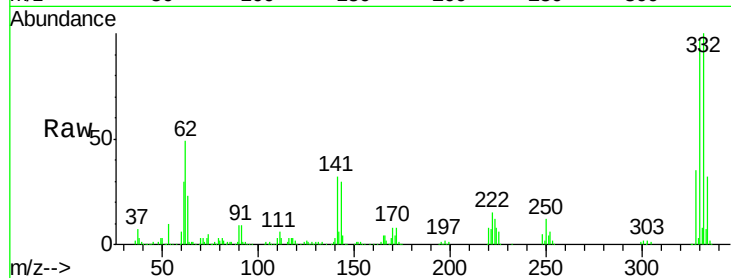




#41
 2,4,6-Tribromophenol
 Concen: 121.29 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

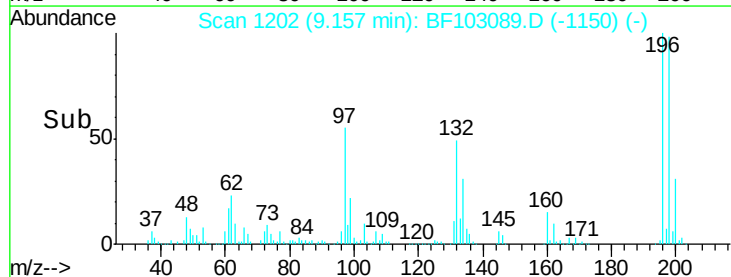
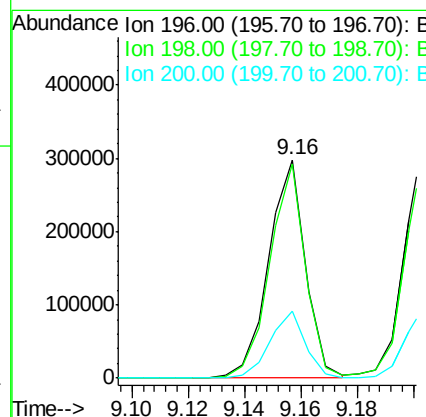
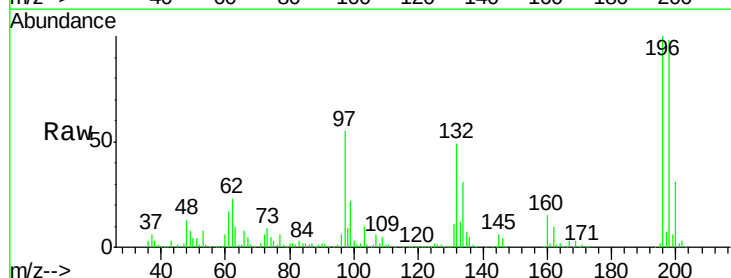
Instrument :
 BNA_F
 ClientSampleId :

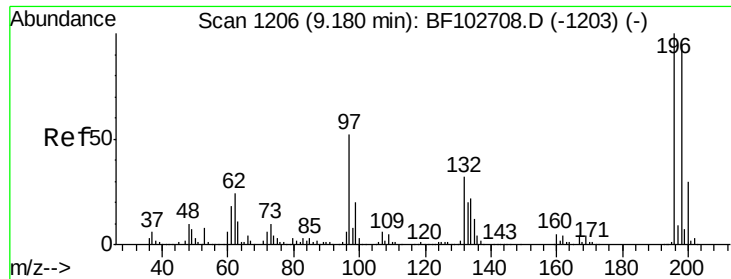
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.0	115.6
141	37.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.77 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	30.9	24.5	36.7

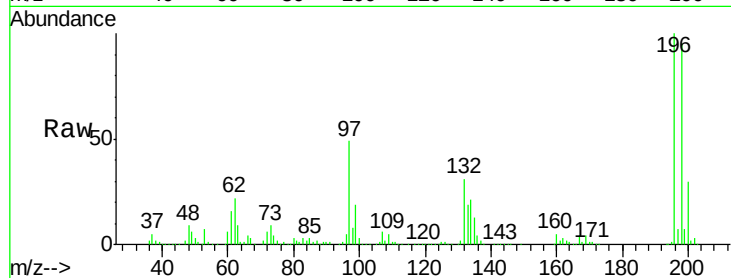




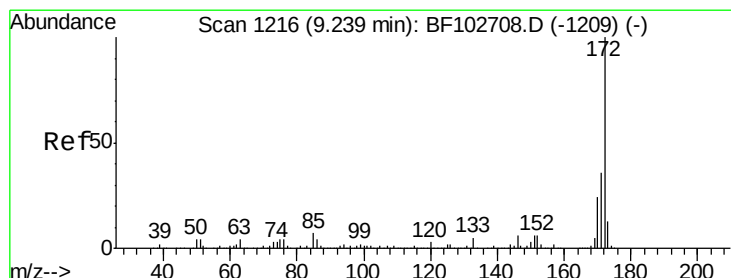
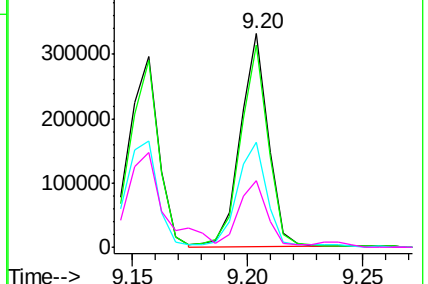
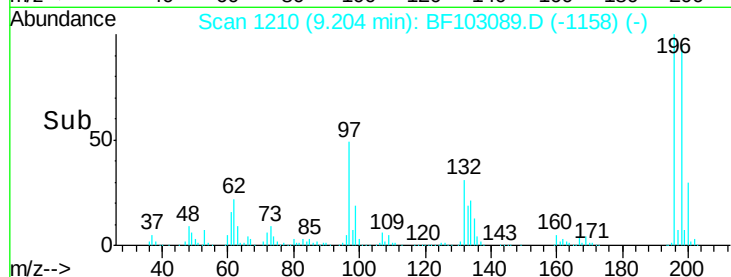
#43
 2,4,5-Trichlorophenol
 Concen: 41.23 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 278742
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 49.3 42.9 64.3
 132 31.1 26.3 39.5

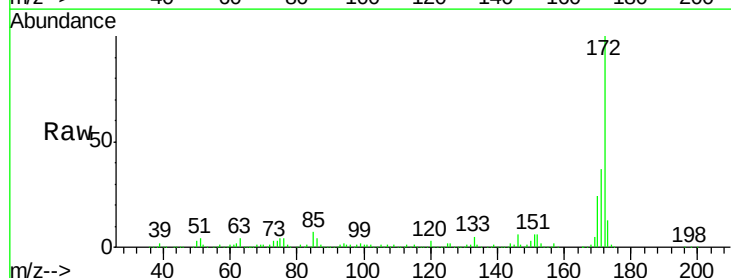


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

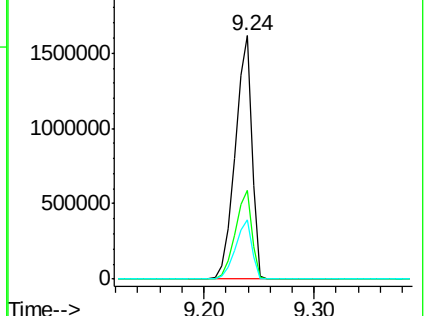
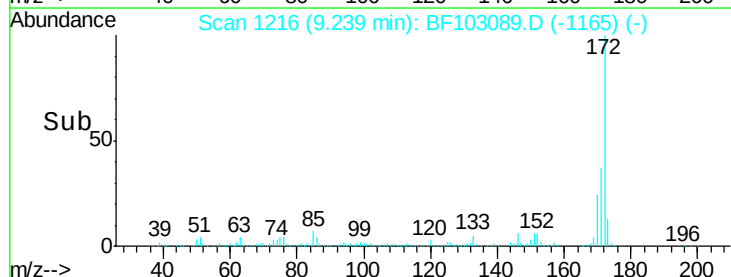


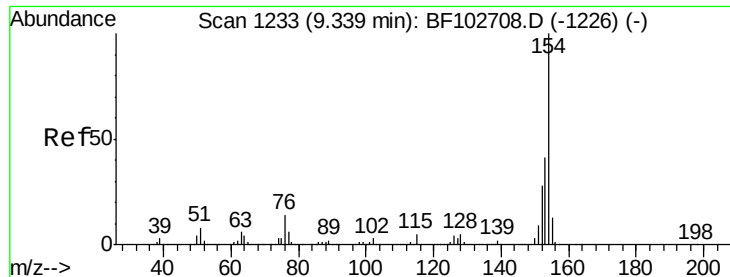
#44
 2-Fluorobiphenyl
 Concen: 85.07 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion:172 Resp: 1719196
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

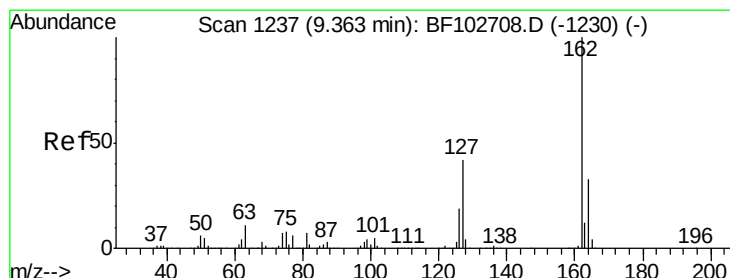
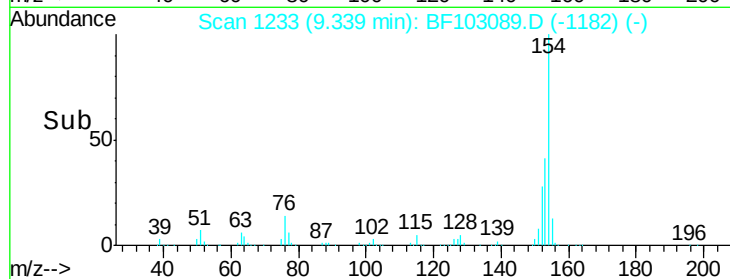
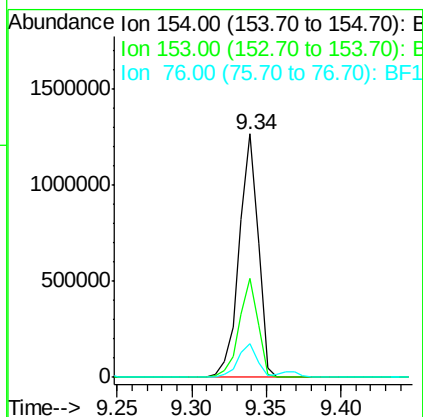
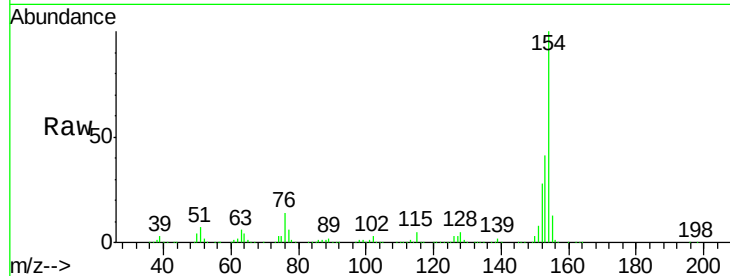




#45
 1,1'-Biphenyl
 Concen: 39.99 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

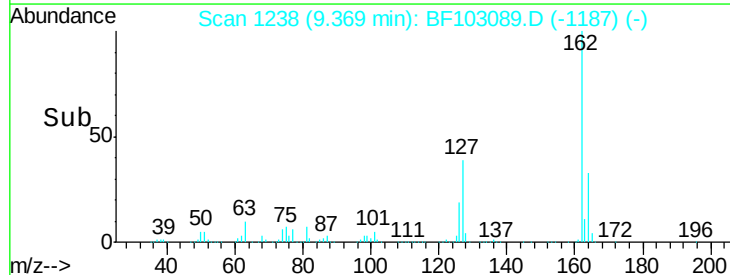
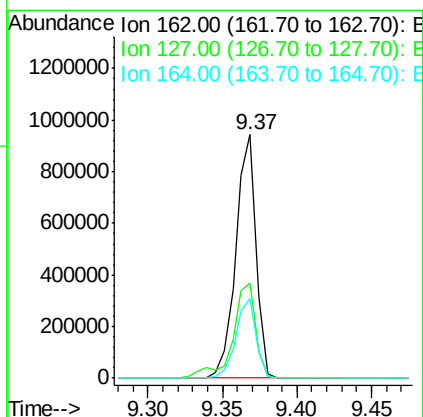
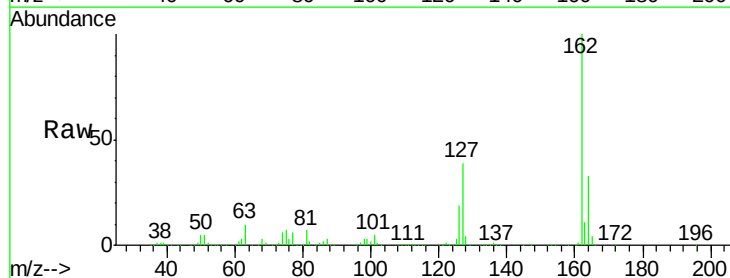
Instrument :
 BNA_F
 ClientSampleId :

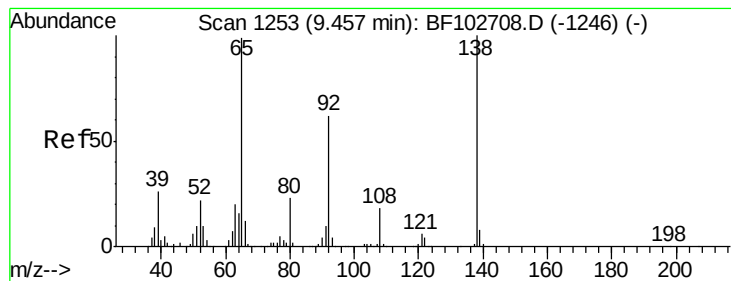
Tot Ion:154 Resp: 1129716
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 13.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.40 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion:162 Resp: 898468
 Ion Ratio Lower Upper
 162 100
 127 39.3 33.9 50.9
 164 32.7 26.5 39.7





#47

2-Nitroaniline

Concen: 47.02 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

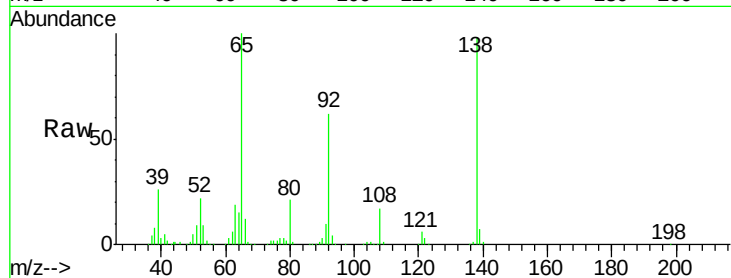
Tot Ion: 65 Resp: 322154

Ion Ratio Lower Upper

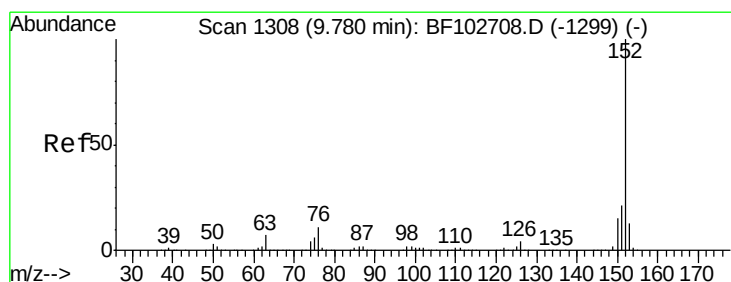
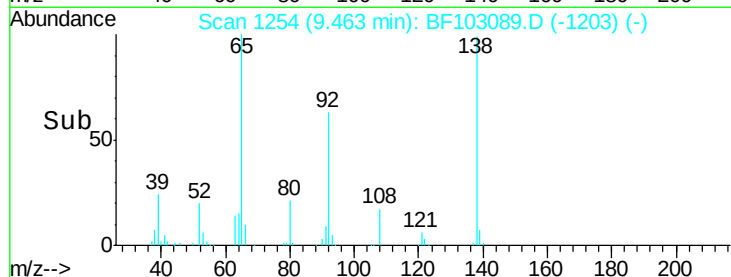
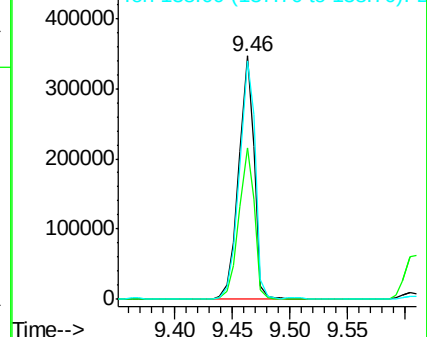
65 100

92 62.0 55.8 83.6

138 97.8 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: 39.67 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

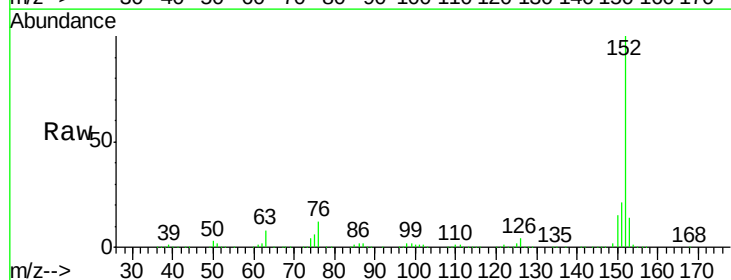
Tgt Ion: 152 Resp: 1370269

Ion Ratio Lower Upper

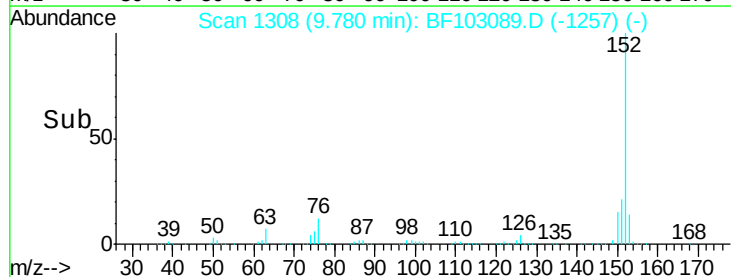
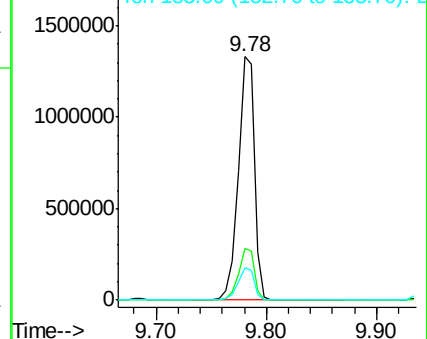
152 100

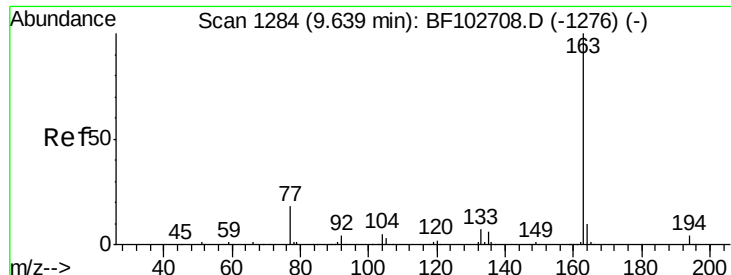
151 21.1 16.3 24.5

153 13.5 10.7 16.1



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

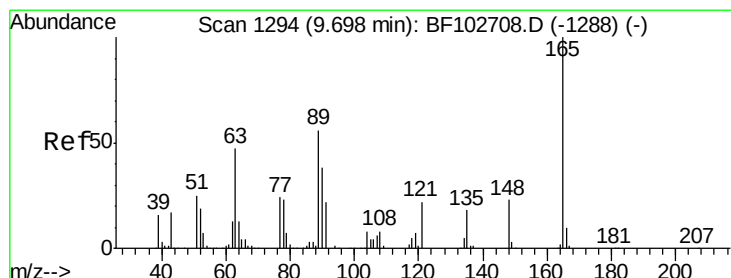
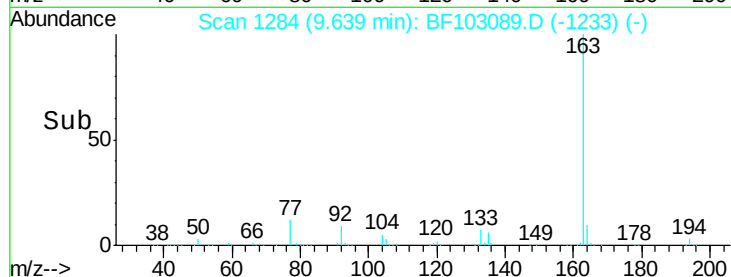
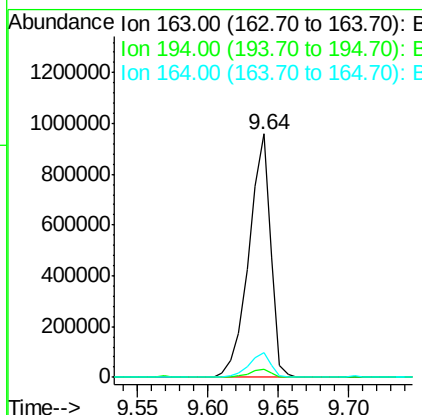
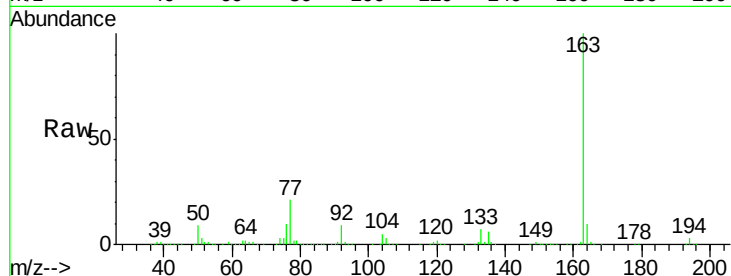




#49
 Dimethylphthalate
 Concen: 39.52 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

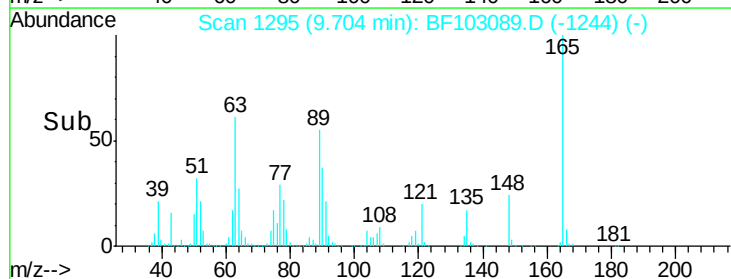
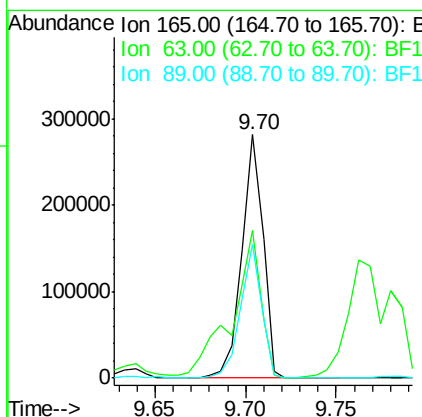
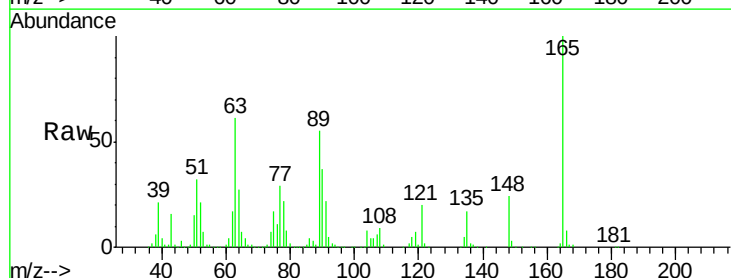
Instrument :
 BNA_F
 ClientSampleId :

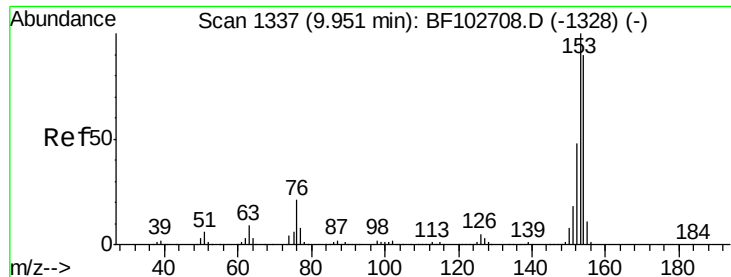
Tot Ion:163 Resp: 1033349
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.3 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 46.22 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion:165 Resp: 229951
 Ion Ratio Lower Upper
 165 100
 63 60.7 44.7 67.1
 89 54.9 44.0 66.0





#51

Acenaphthene

Concen: 37.41 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

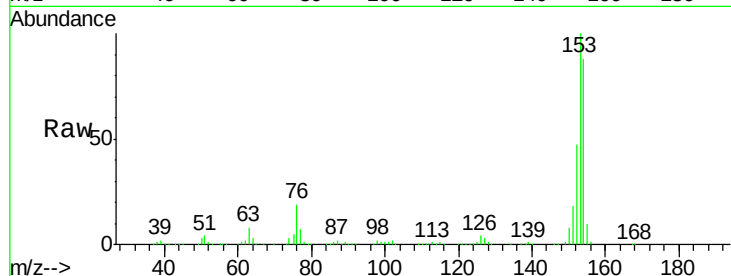
Tot Ion:154 Resp: 772681

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

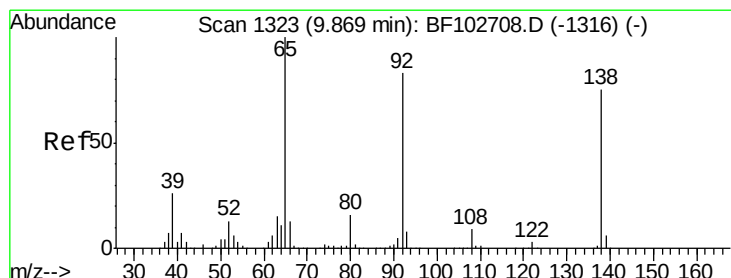
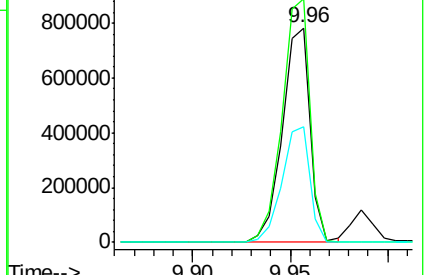
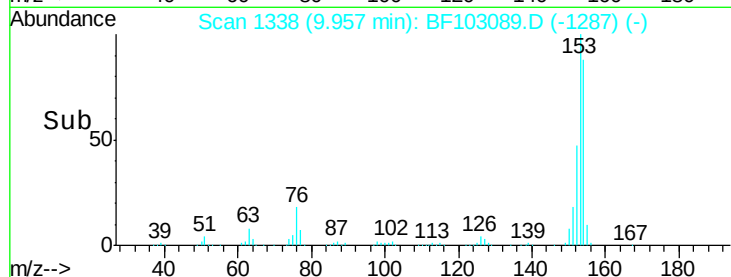
152 53.8 43.8 65.8



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: 10.48 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

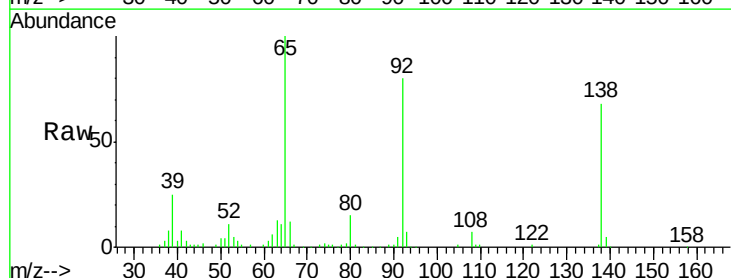
Tgt Ion:138 Resp: 64124

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

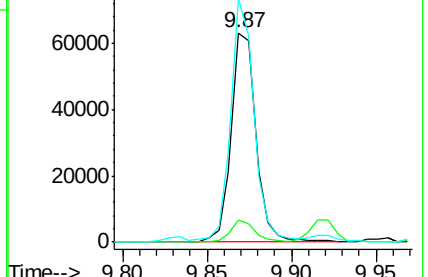
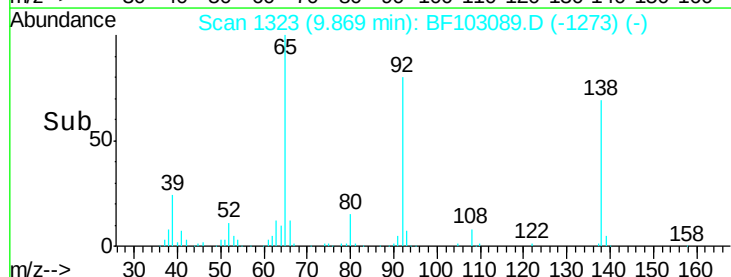
92 116.3 89.4 134.2

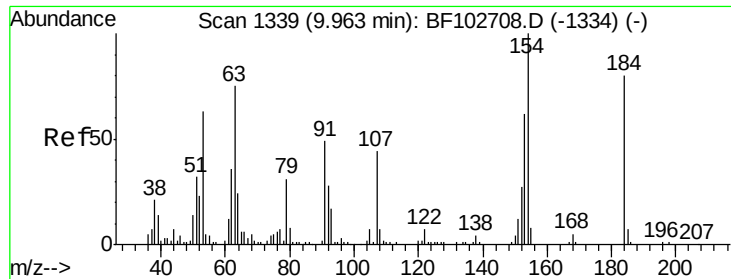


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

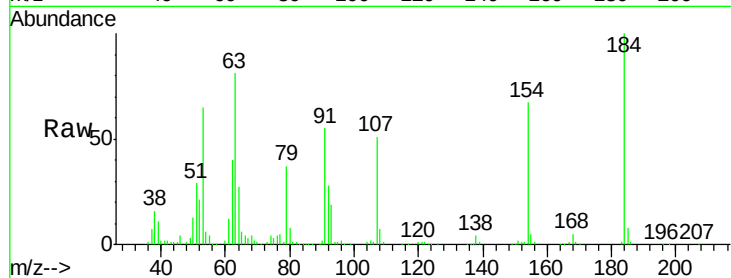




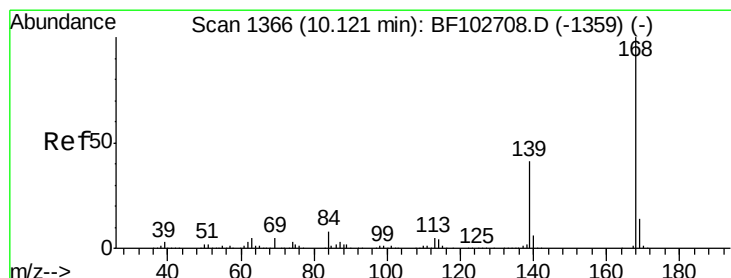
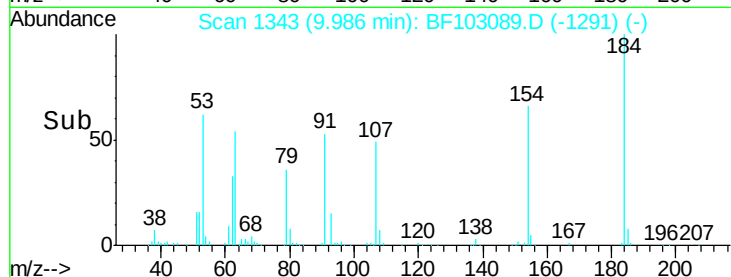
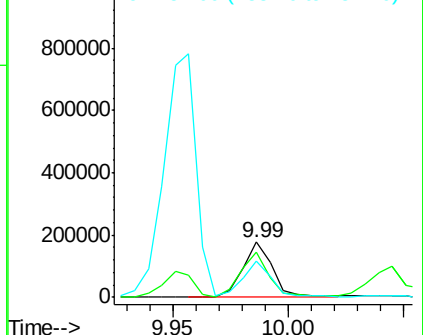
#53
2,4-Dinitrophenol
Concen: 88.70 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 159856
Ion Ratio Lower Upper
184 100
63 80.8 54.2 81.2
154 66.5 184.0 276.0#

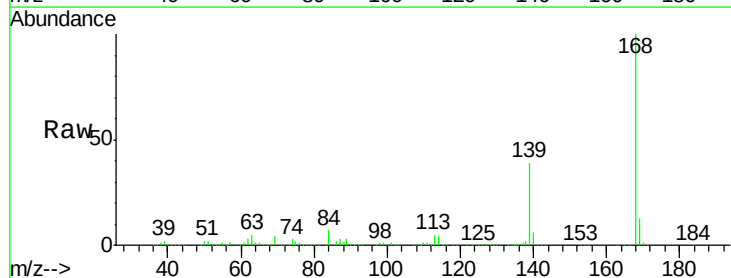


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

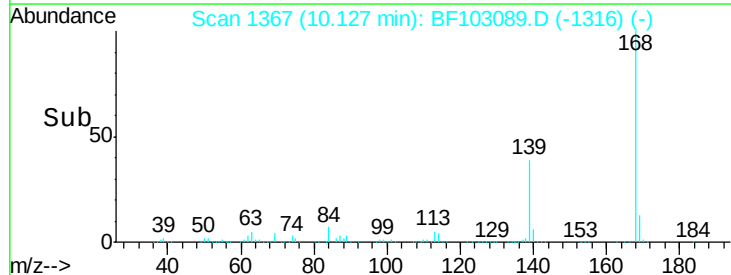
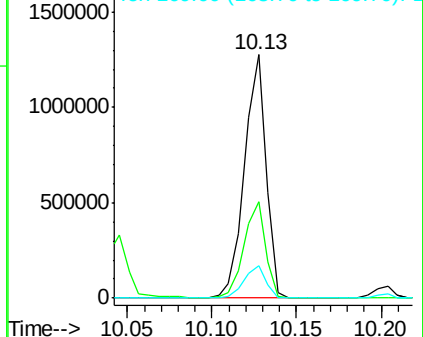


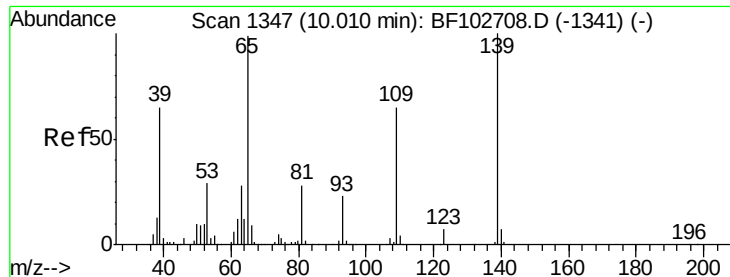
#54
Dibenzofuran
Concen: 39.49 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:168 Resp: 1149441
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 13.4 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

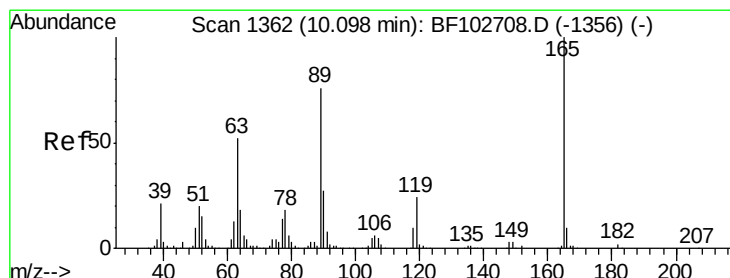
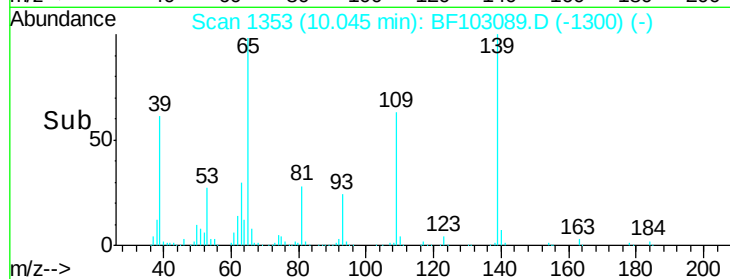
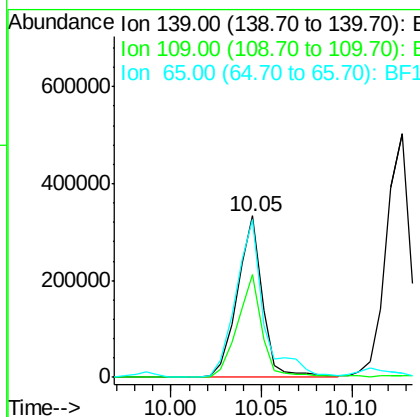
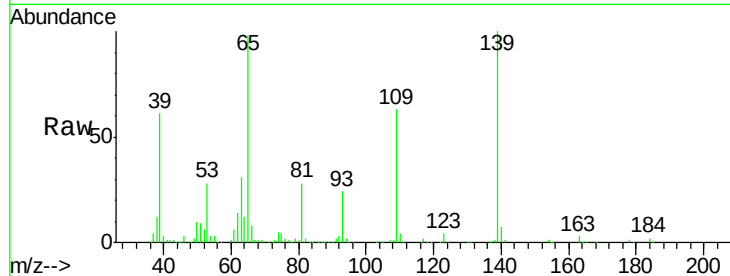




#55
4-Nitrophenol
Concen: 65.08 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

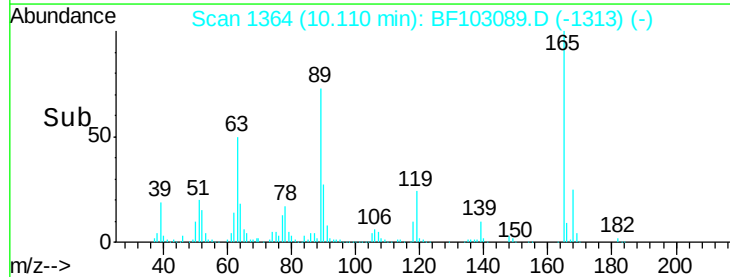
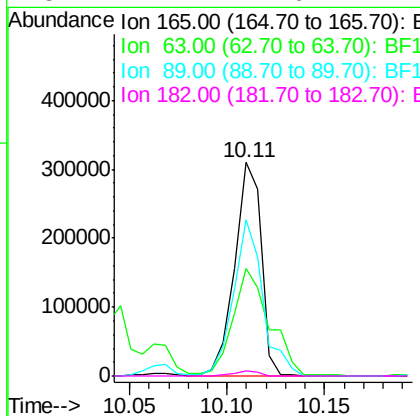
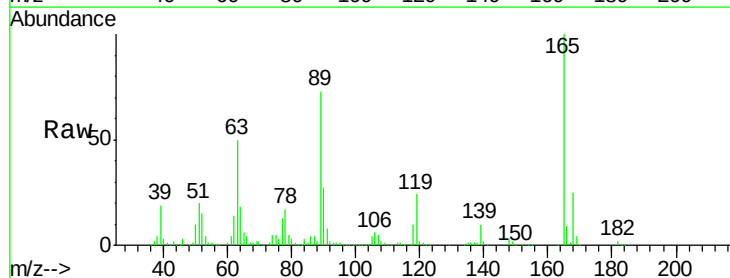
Instrument :
BNA_F
ClientSampleId :

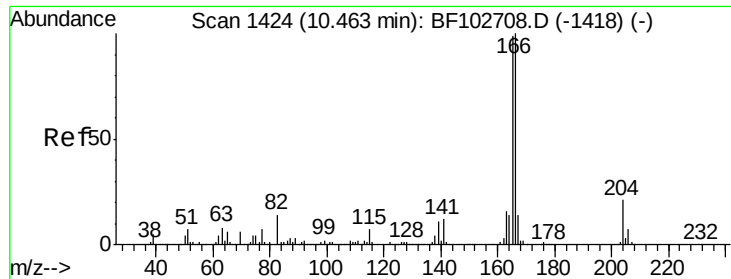
Tot Ion:139 Resp: 323415
Ion Ratio Lower Upper
139 100
109 63.4 48.4 88.4
65 97.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.06 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:165 Resp: 292151
Ion Ratio Lower Upper
165 100
63 50.3 36.4 54.6
89 73.2 57.8 86.6
182 2.2 1.6 2.4

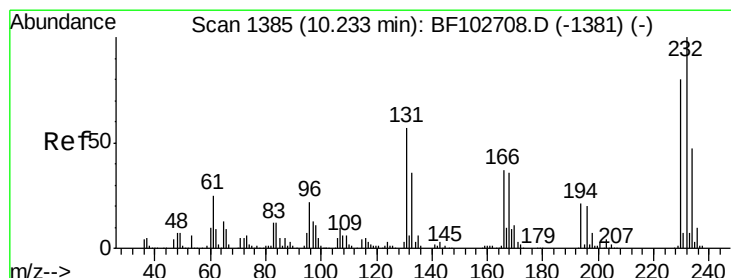
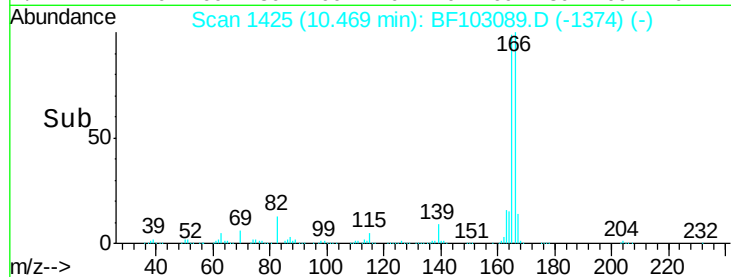
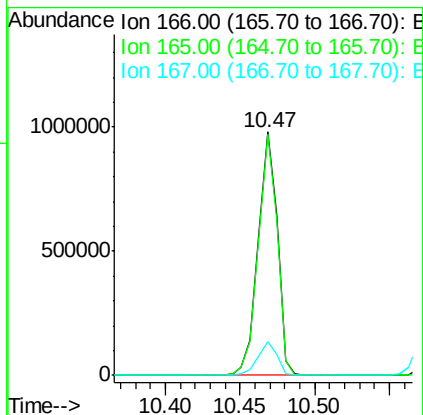
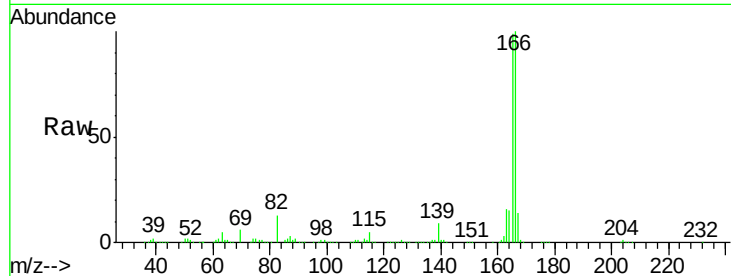




#57
 Fluorene
 Concen: 40.90 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

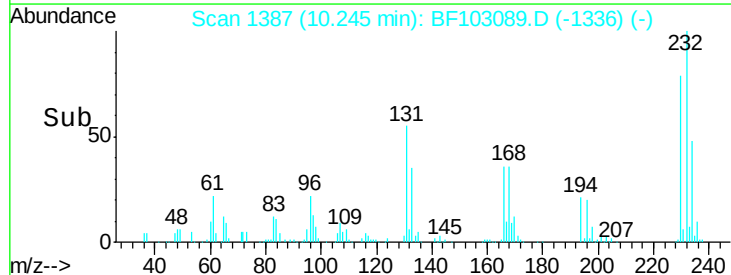
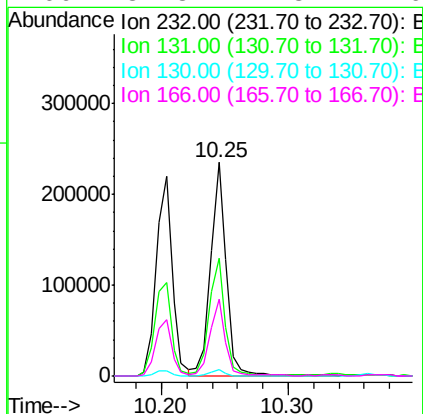
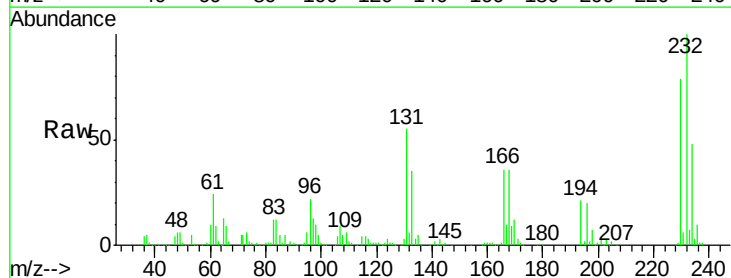
Instrument :
 BNA_F
 ClientSampled :

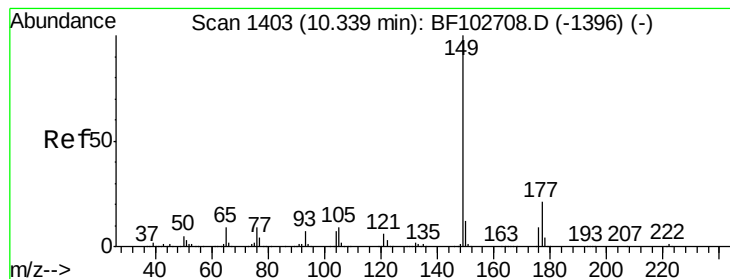
Tot Ion:166 Resp: 866124
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.89 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion:232 Resp: 205647
 Ion Ratio Lower Upper
 232 100
 131 54.6 43.8 65.8
 130 2.6 2.1 3.1
 166 34.8 27.8 41.6





#59

Diethylphthalate

Concen: 37.85 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

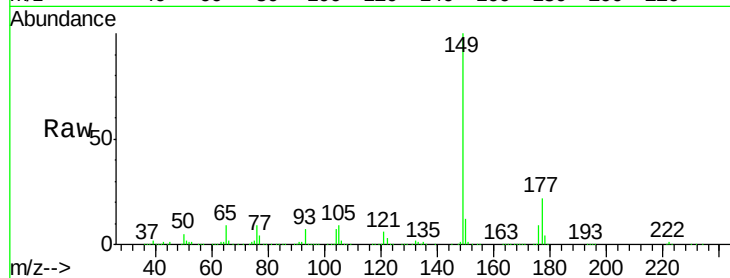
Tot Ion:149 Resp: 977165

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

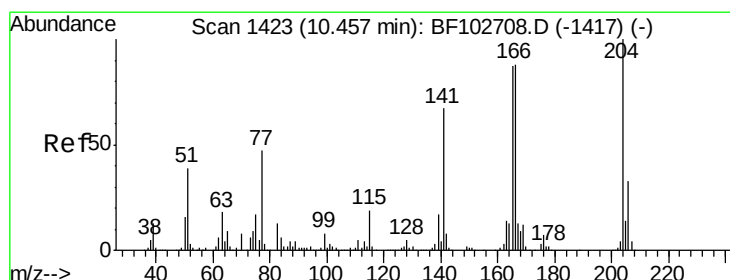
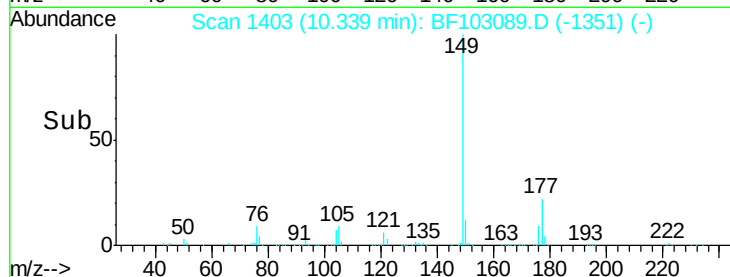
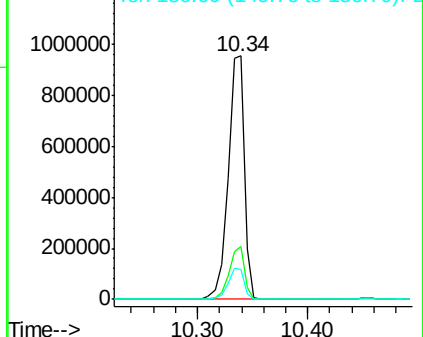
150 12.3 10.1 15.1



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: 40.79 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

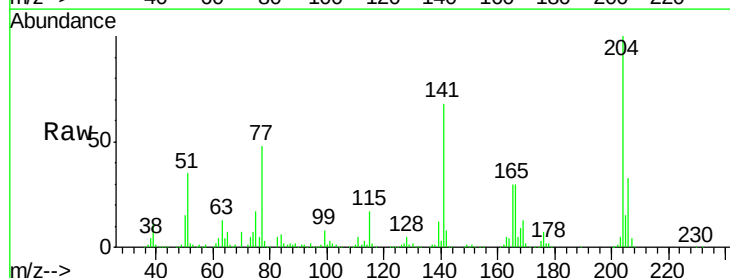
Tgt Ion:204 Resp: 382204

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

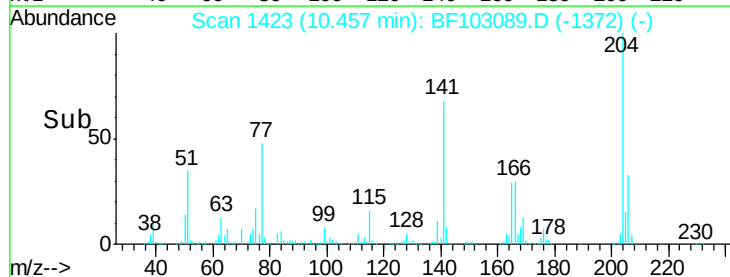
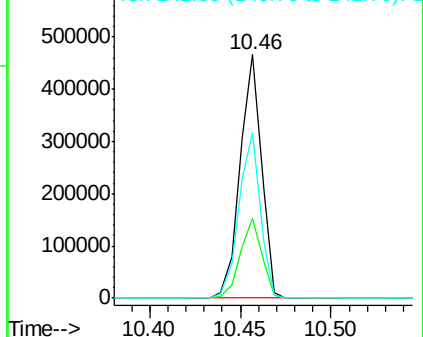
141 67.9 54.6 81.8

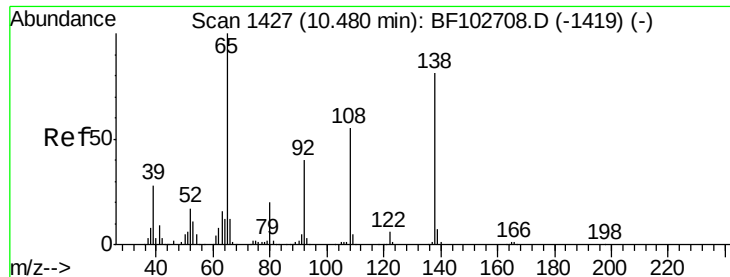


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

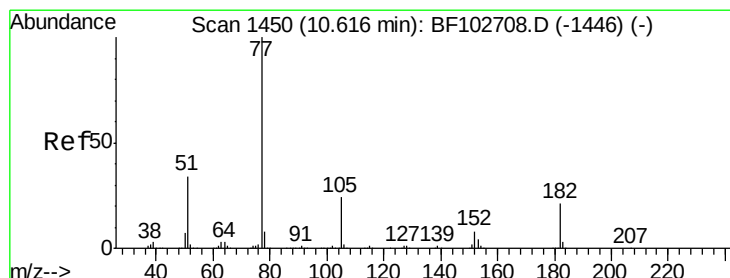
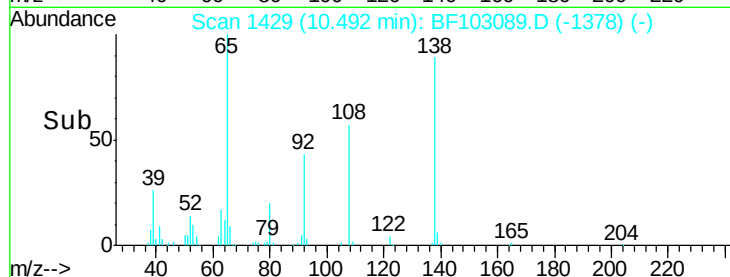
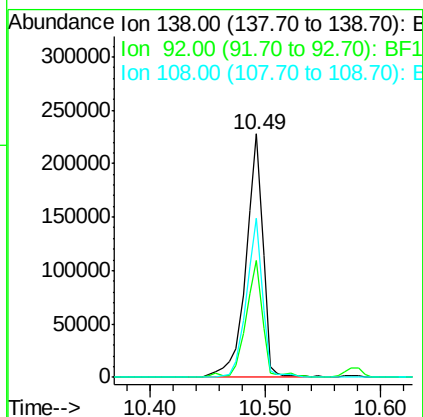
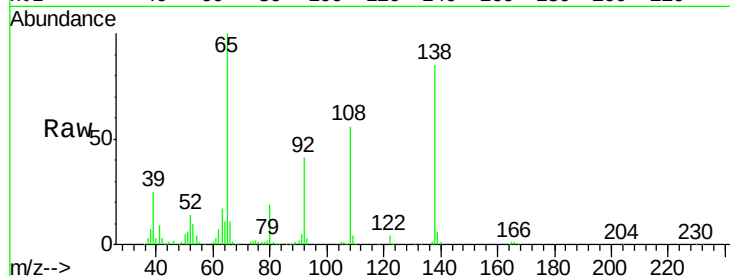




#61
4-Nitroaniline
Concen: 39.90 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

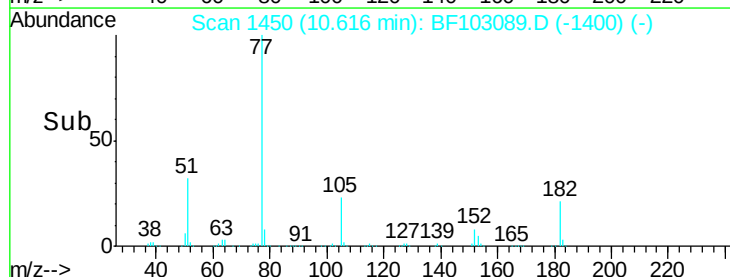
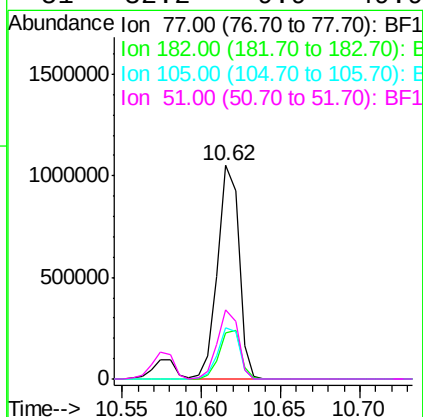
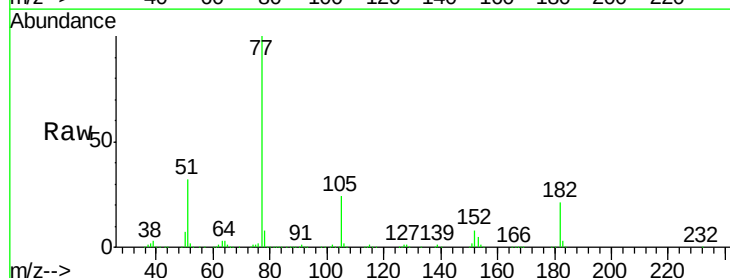
Instrument :
BNA_F
ClientSampleId :

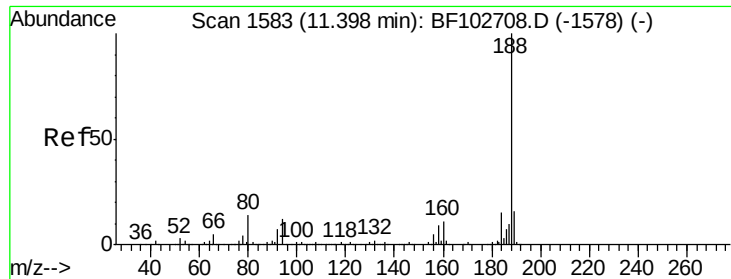
Tot Ion:138 Resp: 232466
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 65.3 52.5 92.5



#62
Azobenzene
Concen: 38.17 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion: 77 Resp: 984547
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 24.3 3.0 43.0
51 32.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

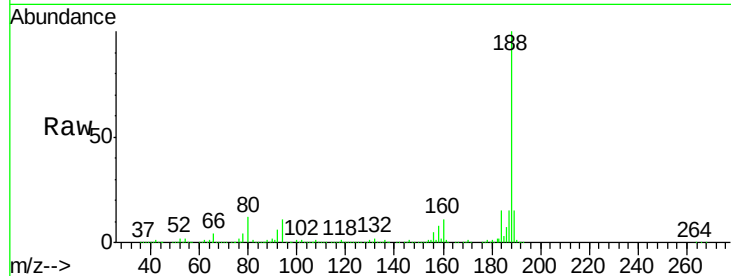
Tot Ion:188 Resp: 538256

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

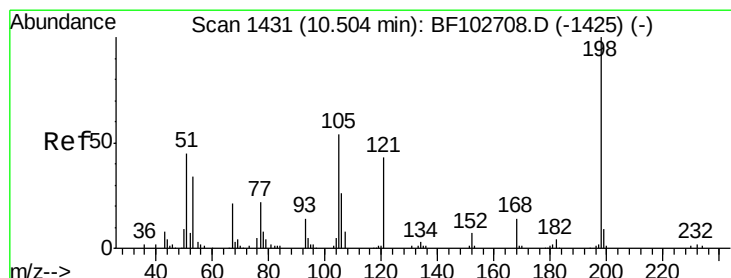
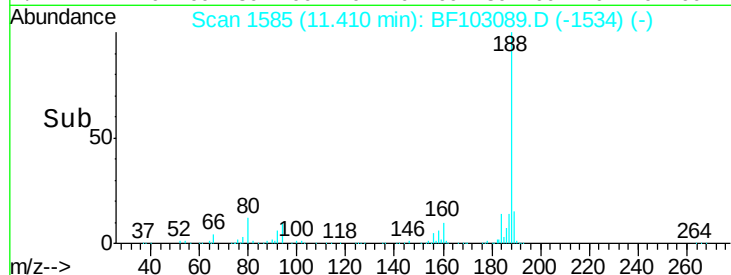
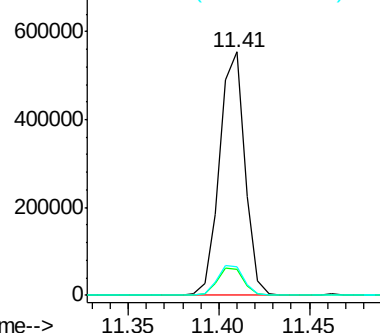
80 11.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 49.10 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

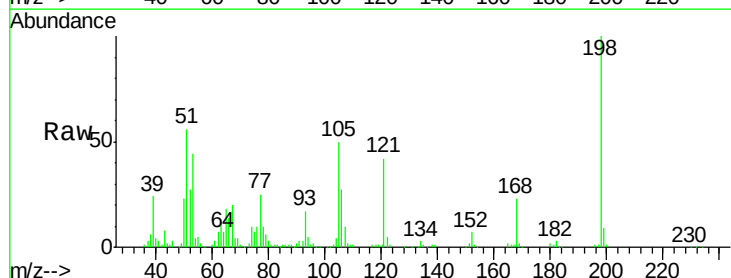
Tgt Ion:198 Resp: 110908

Ion Ratio Lower Upper

198 100

51 55.7 37.7 77.7

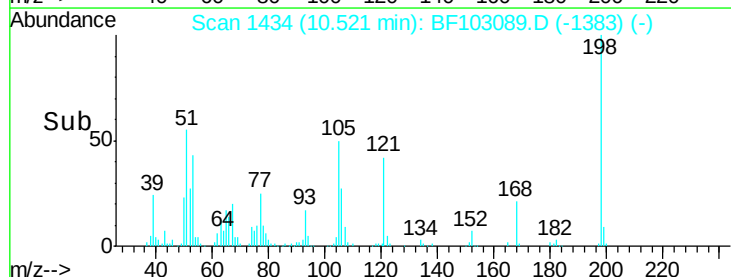
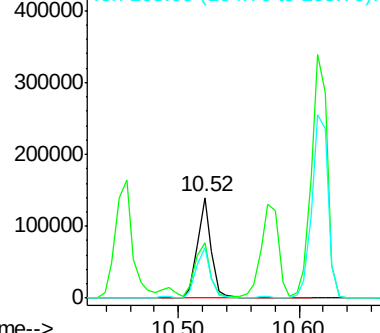
105 50.1 36.3 76.3

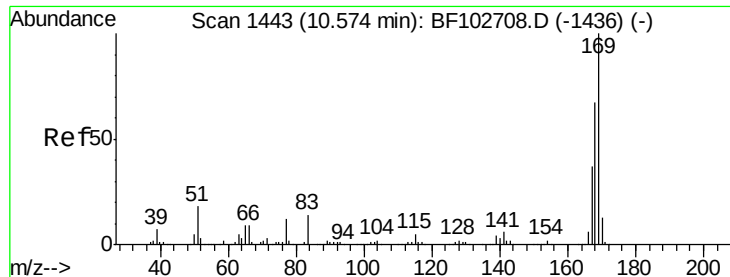


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

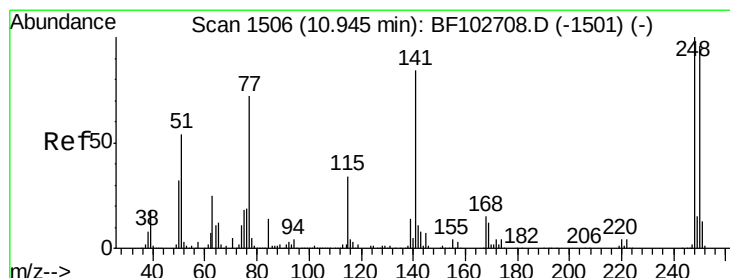
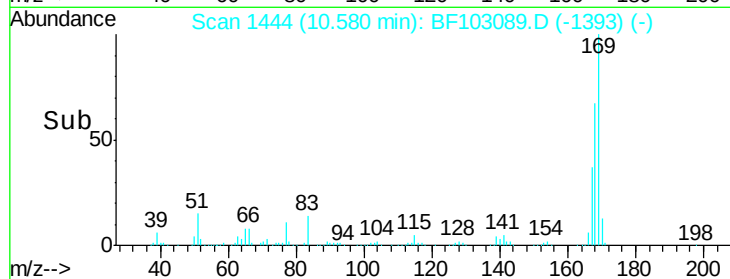
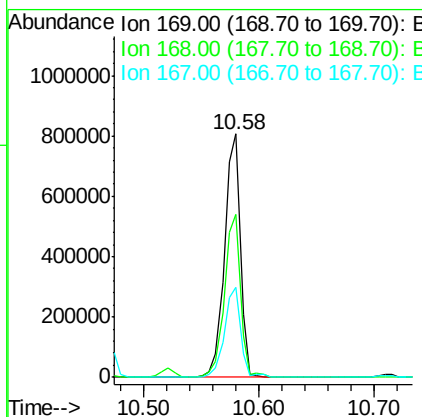
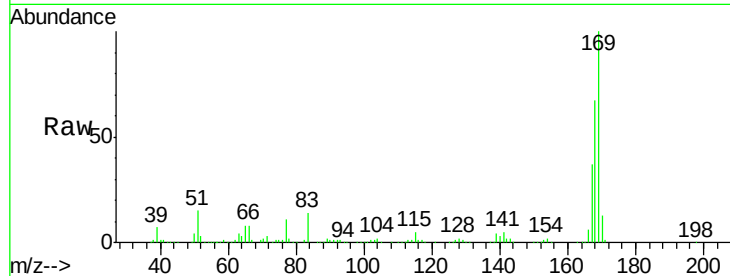




#65
 n-Nitrosodiphenylamine
 Concen: 40.39 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

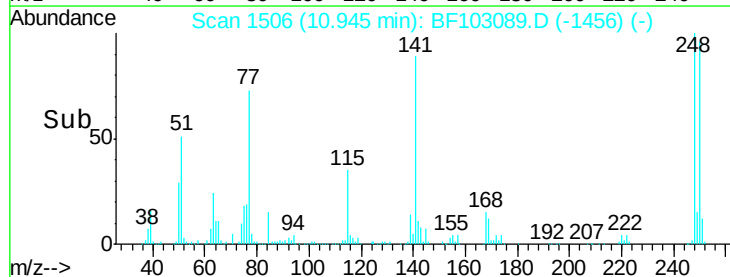
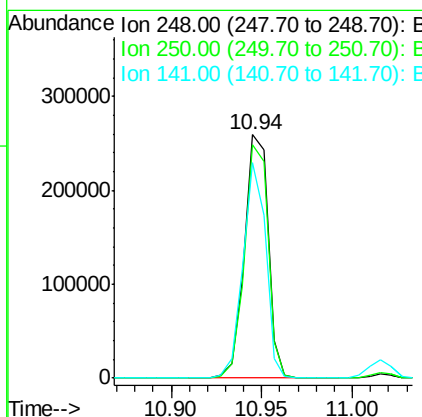
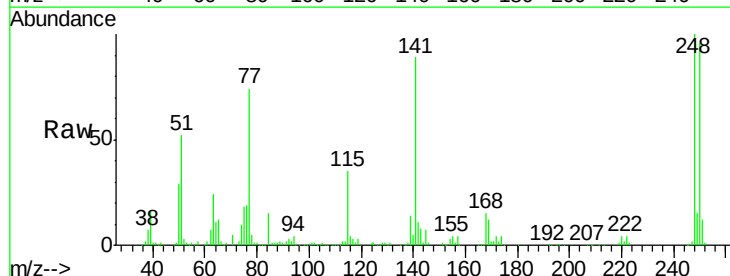
Instrument :
 BNA_F
 ClientSampleID :

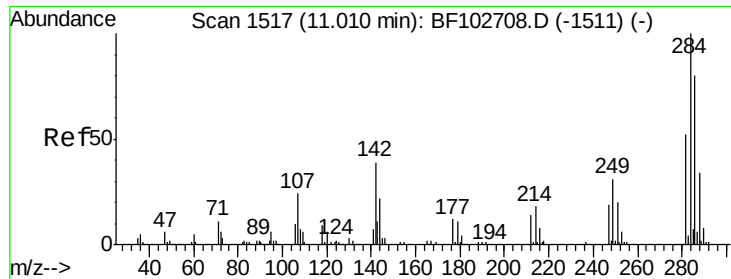
Tot Ion:169 Resp: 766870
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 36.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.58 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion:248 Resp: 236738
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 88.7 74.4 111.6

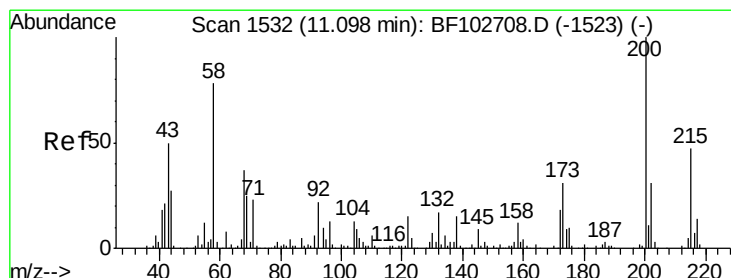
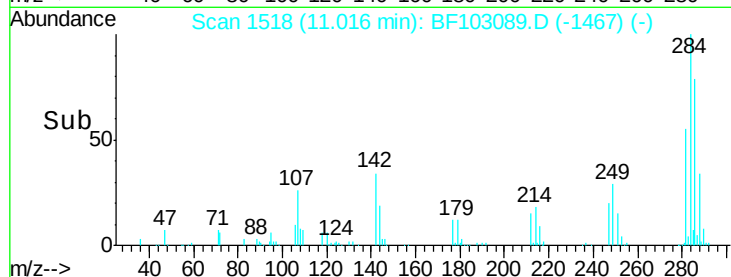
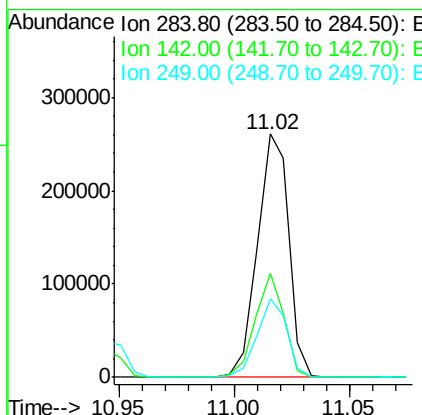
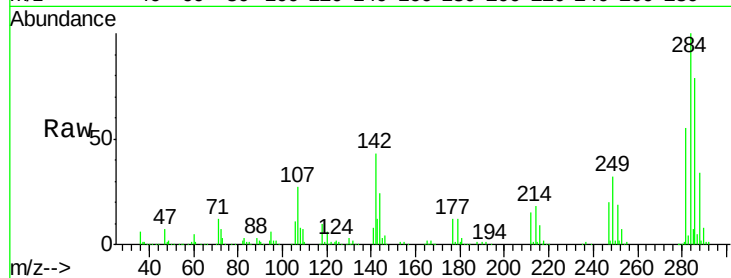




#67
Hexachlorobenzene
Concen: 39.18 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

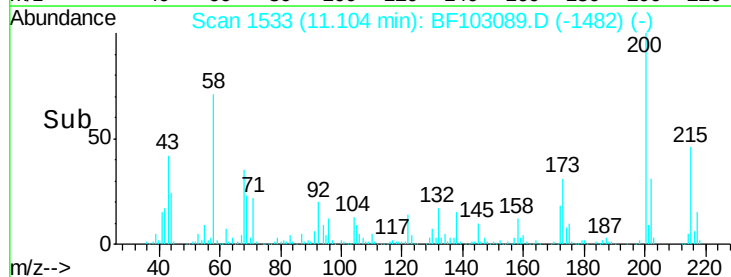
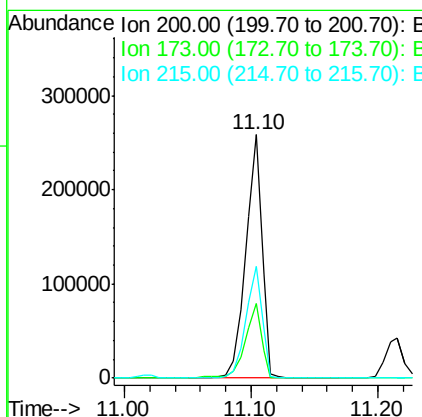
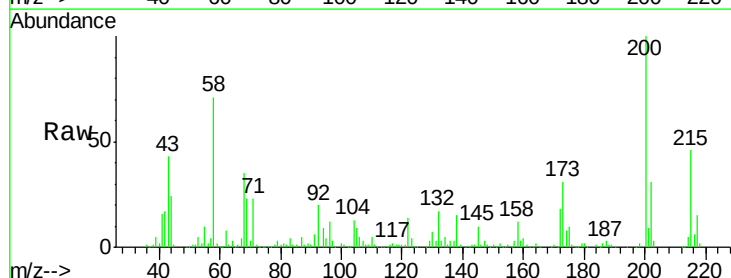
Instrument :
BNA_F
ClientSampleId :

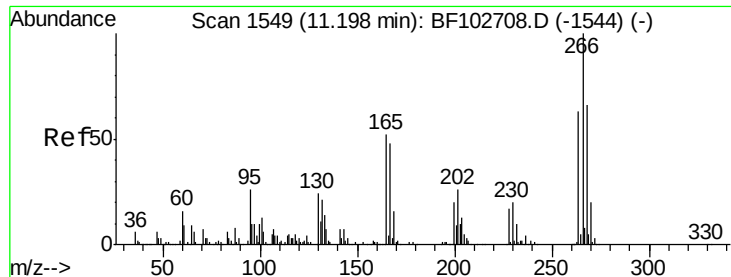
Tot Ion:284 Resp: 246096
Ion Ratio Lower Upper
284 100
142 42.6 34.6 52.0
249 32.2 24.8 37.2



#68
Atrazine
Concen: 40.75 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:200 Resp: 228264
Ion Ratio Lower Upper
200 100
173 30.7 8.6 48.6
215 45.7 25.1 65.1

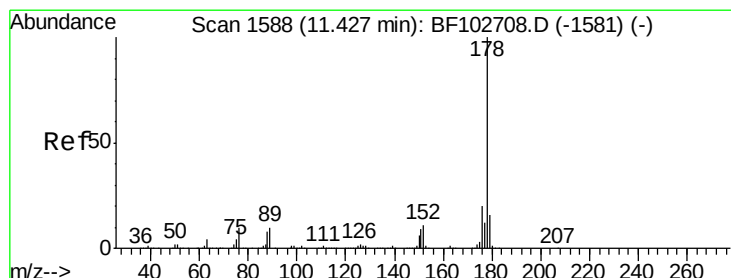
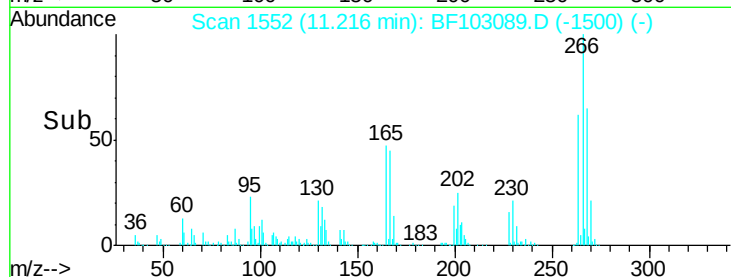
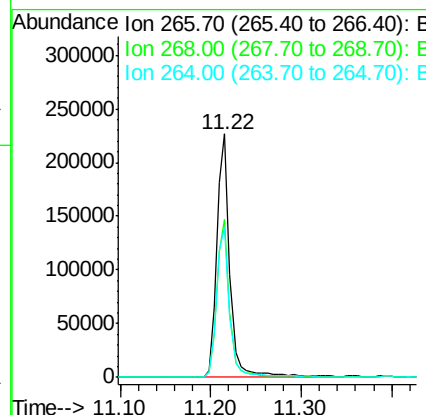
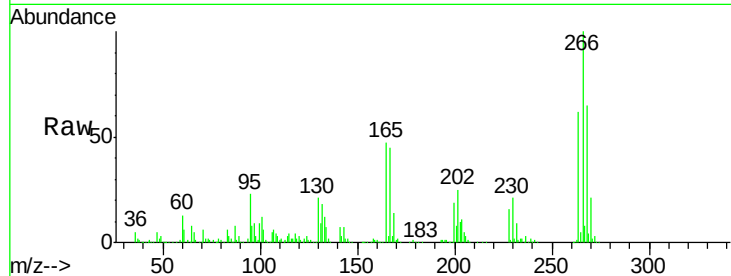




#69
 Pentachlorophenol
 Concen: 62.70 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

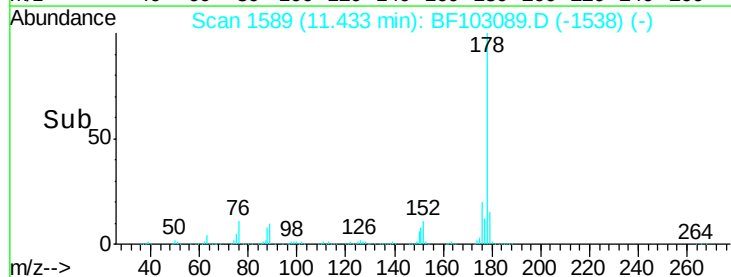
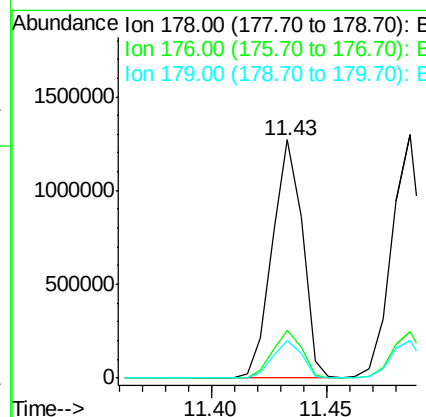
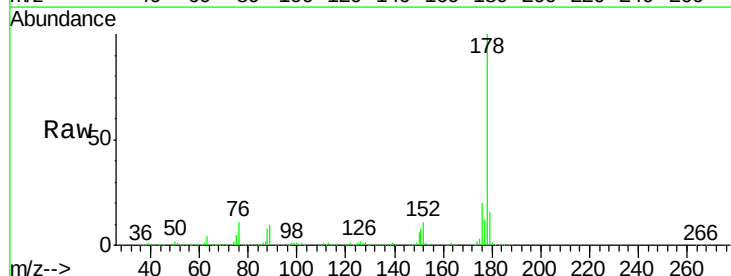
Instrument :
 BNA_F
 ClientSampled :

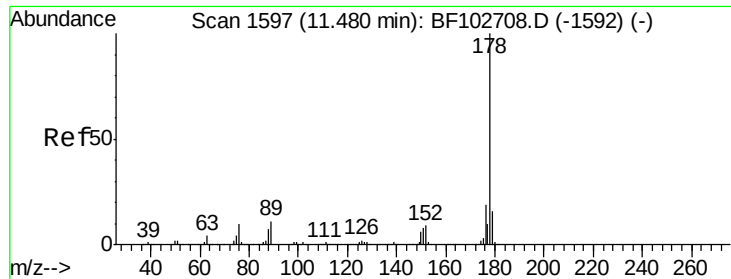
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	61.6	49.5	74.3



#70
 Phenanthrene
 Concen: 38.59 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6

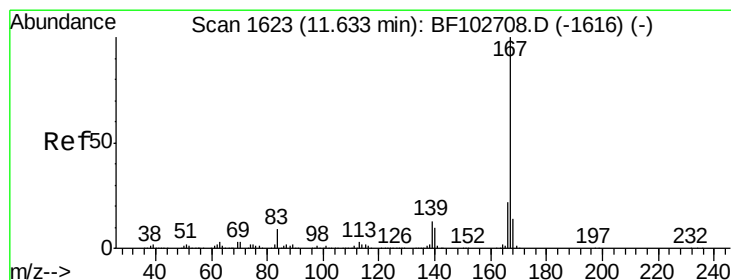
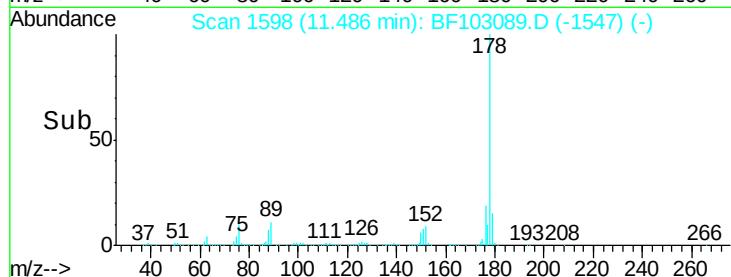
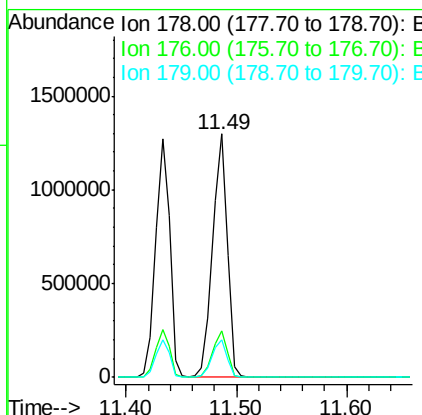
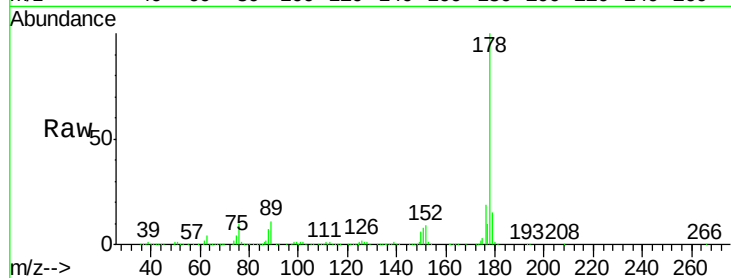




#71
 Anthracene
 Concen: 38.72 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

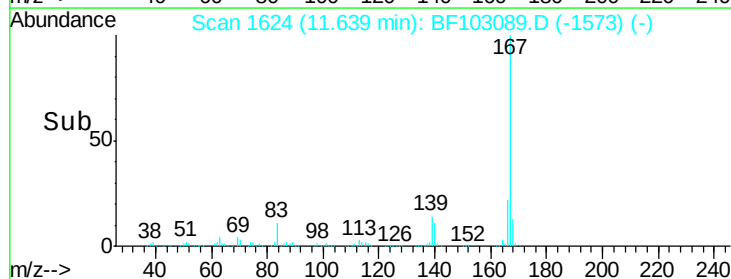
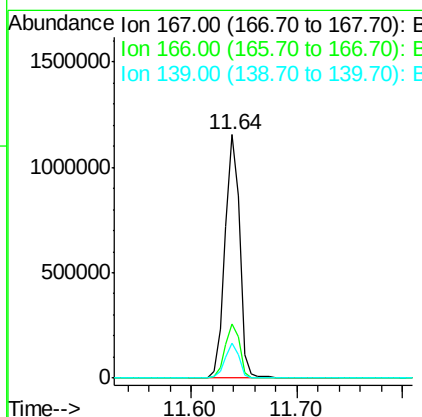
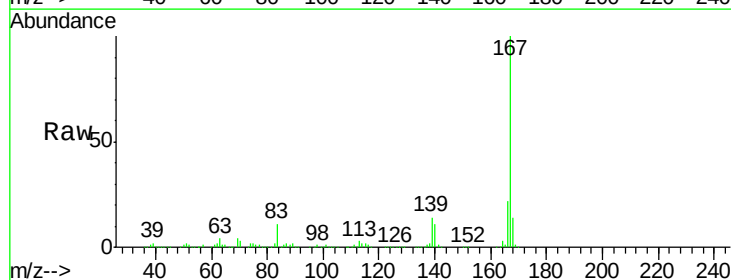
Instrument :
 BNA_F
 ClientSampleId :

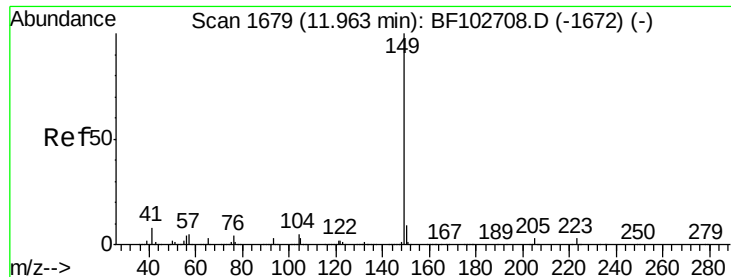
Tot Ion:178 Resp: 1180632
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 37.61 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103089.D
 Acq: 19 Feb 2018 18:17

Tgt Ion:167 Resp: 1123308
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.22 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

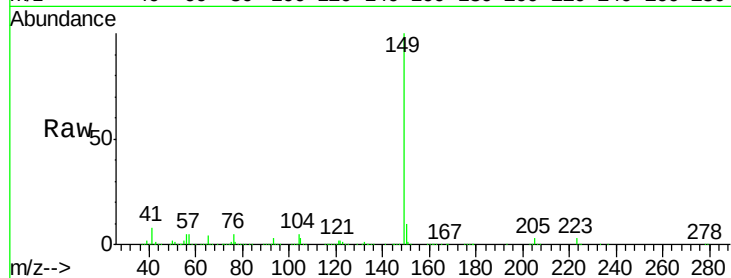
Tot Ion:149 Resp: 1459433

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

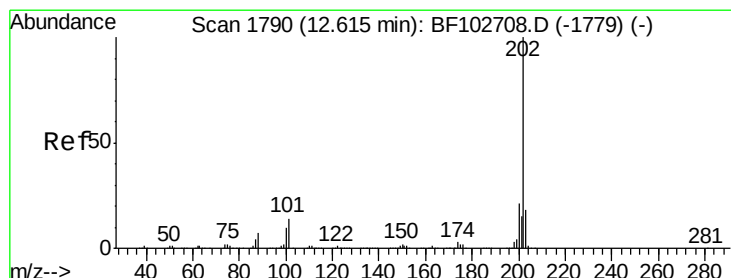
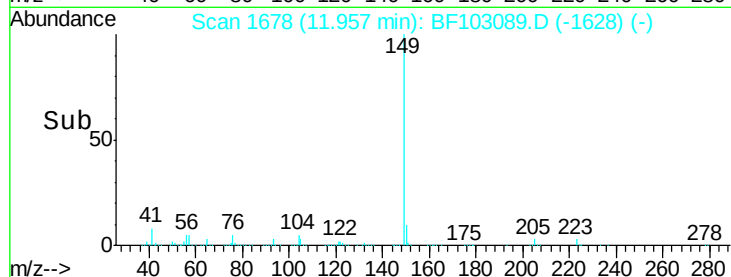
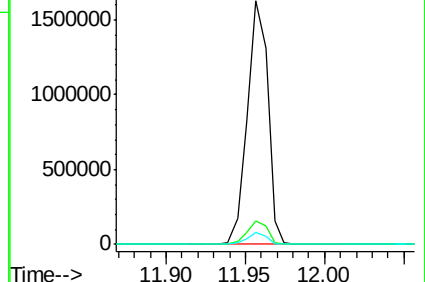
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.33 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

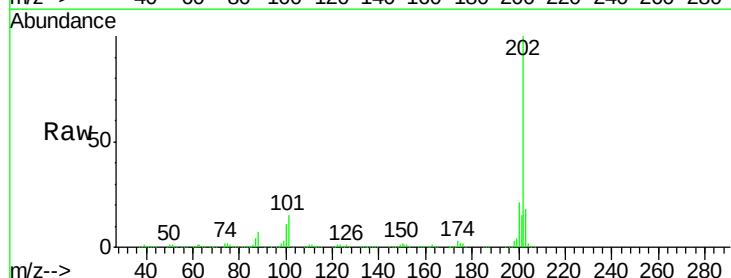
Tgt Ion:202 Resp: 1035559

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

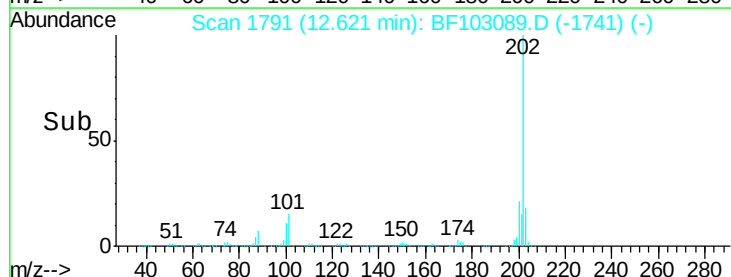
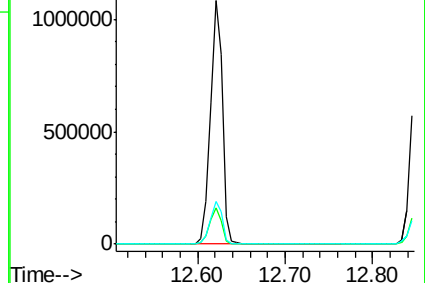
203 17.6 0.0 38.1

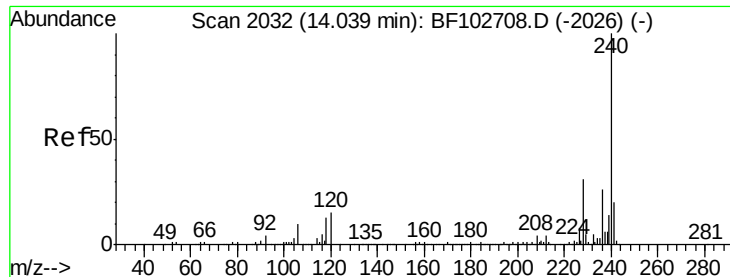


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

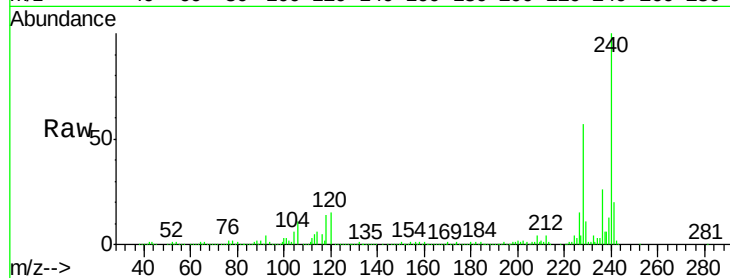
Tot Ion:240 Resp: 309228

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

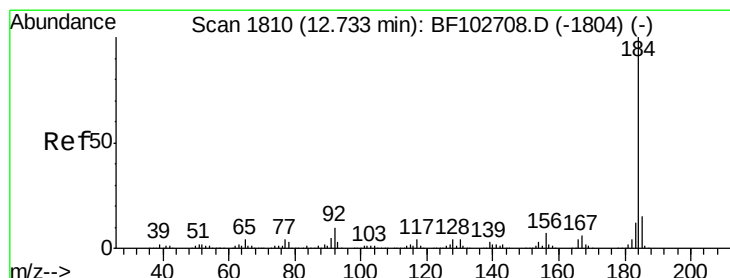
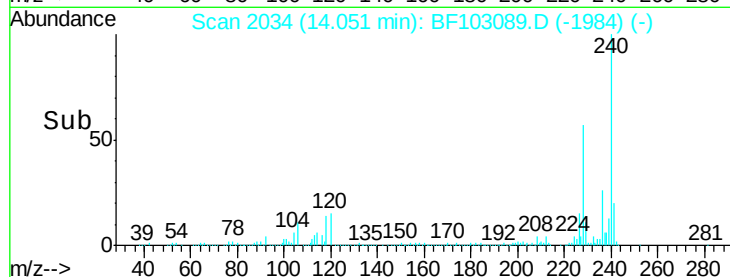
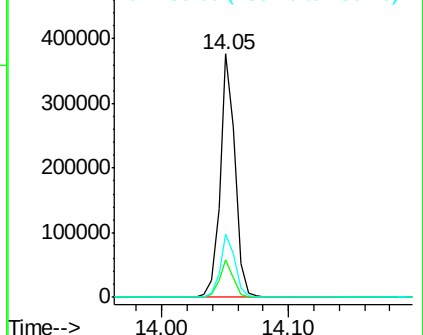
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.26 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

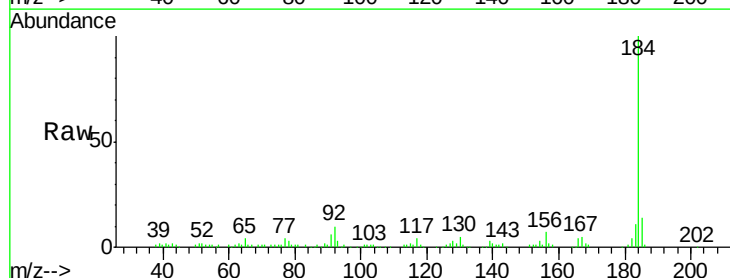
Tgt Ion:184 Resp: 103181

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

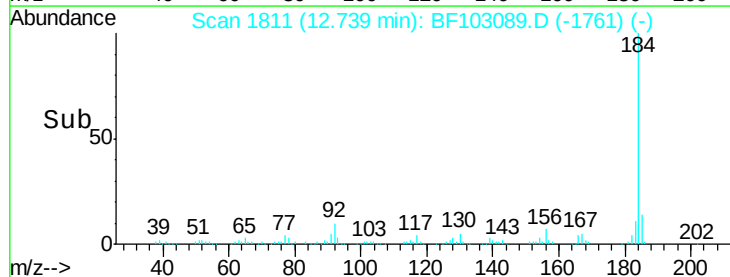
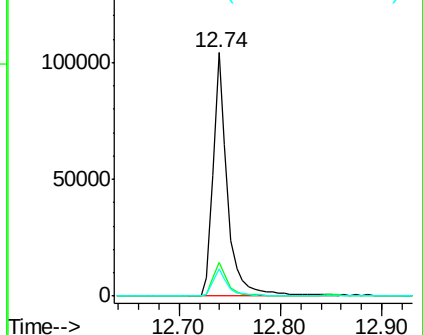
183 11.4 9.3 13.9

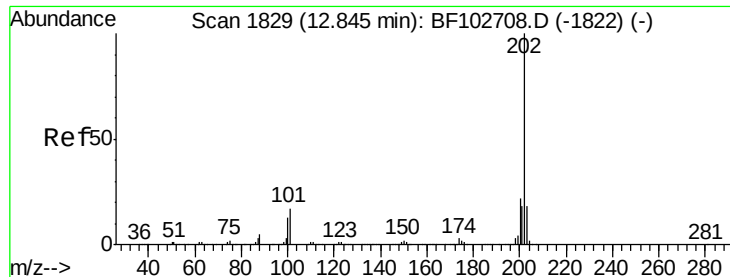


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

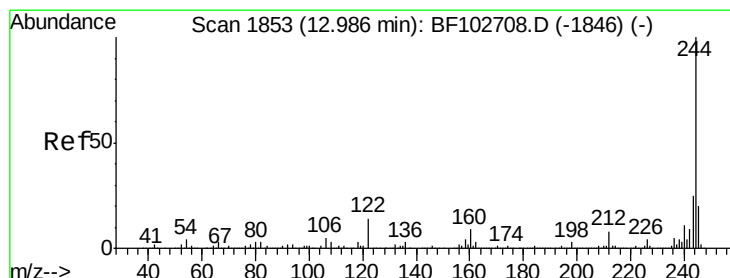
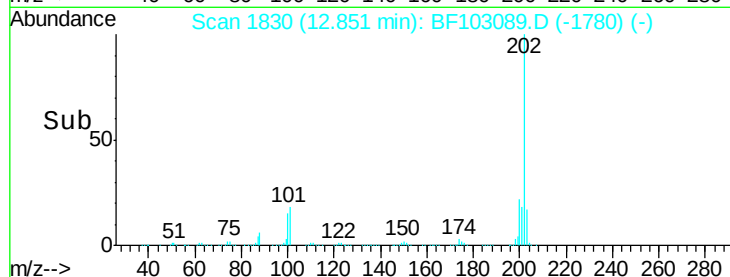
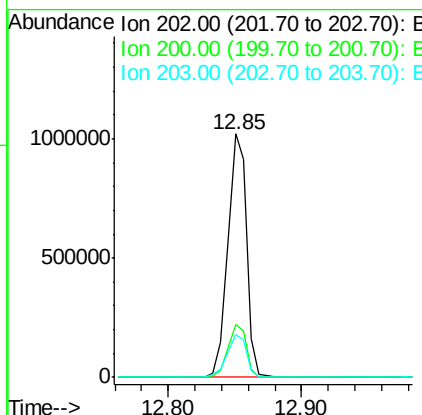
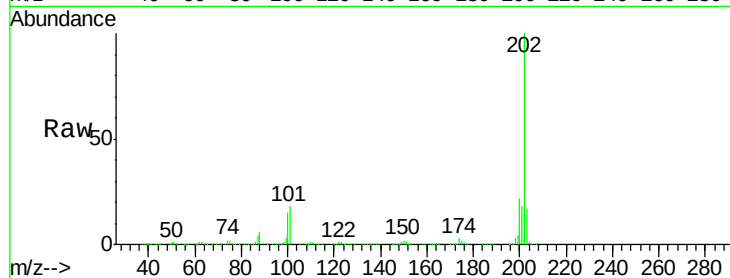




#77
Pvrene
Concen: 41.94 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

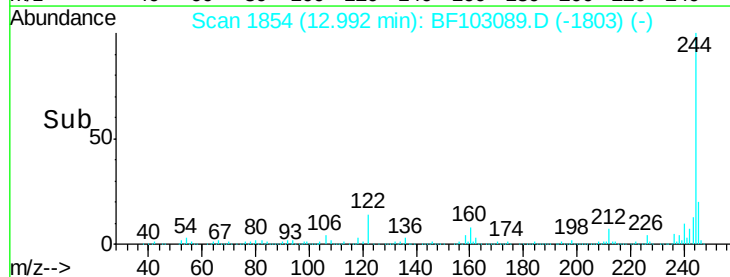
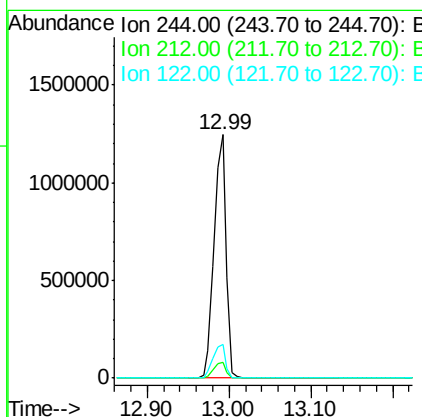
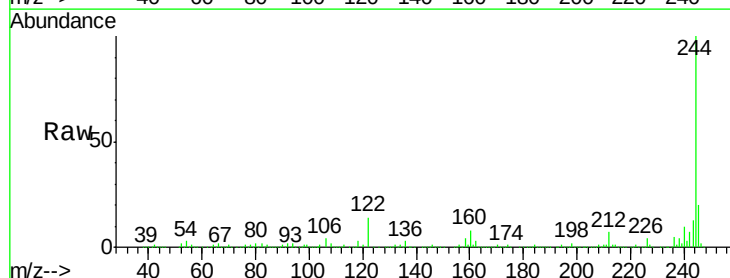
Instrument :
BNA_F
ClientSampleId :

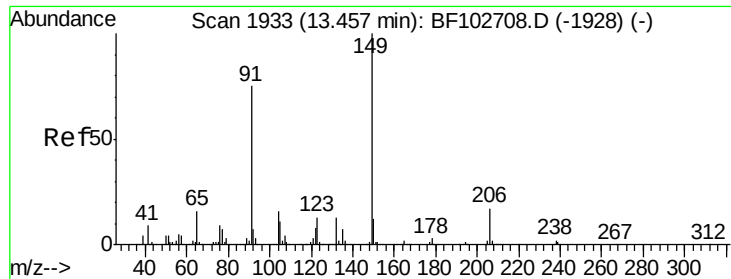
Tot Ion:202 Resp: 1017041
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 97.87 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:244 Resp: 1278216
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.8 11.0 16.4

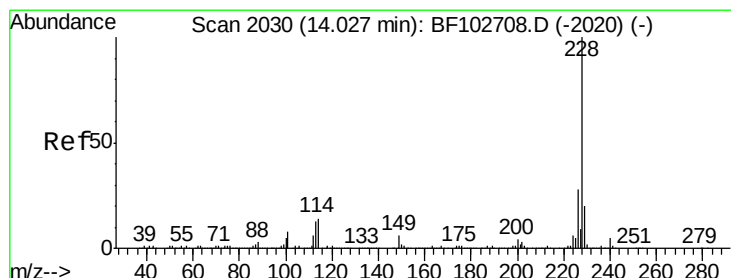
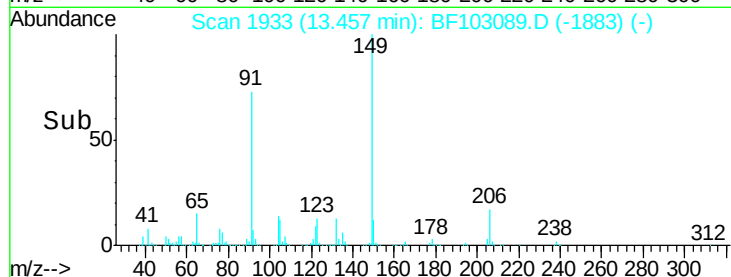
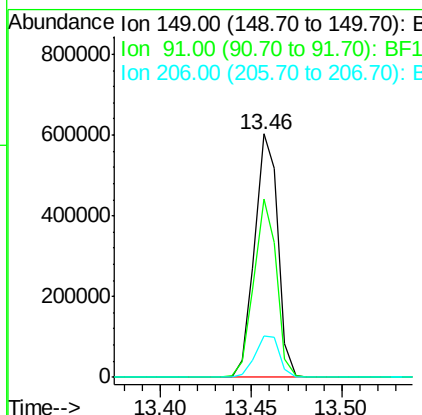
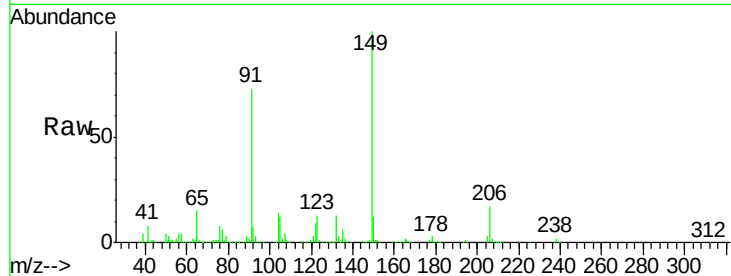




#79
Butylbenzylphthalate
Concen: 46.54 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

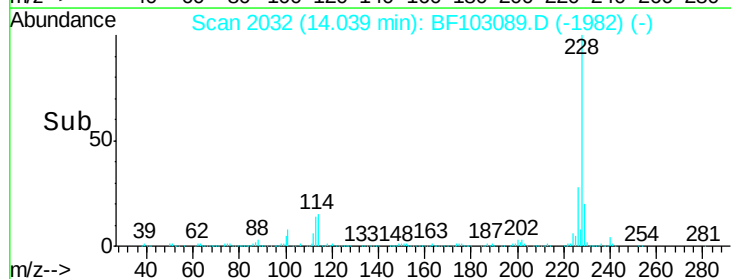
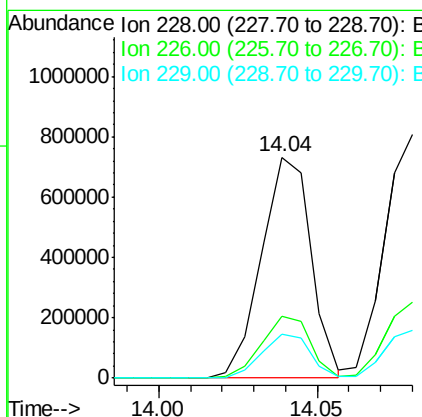
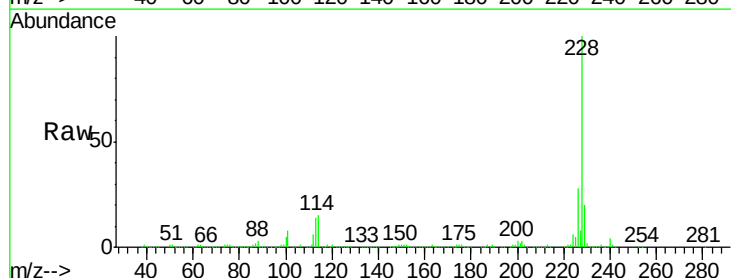
Instrument :
BNA_F
ClientSampleId :

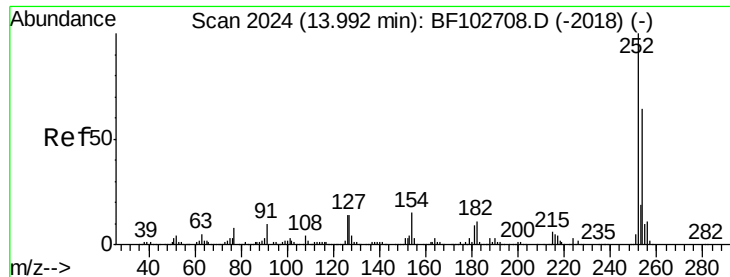
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.8	85.2
206	17.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.93 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 18.99 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

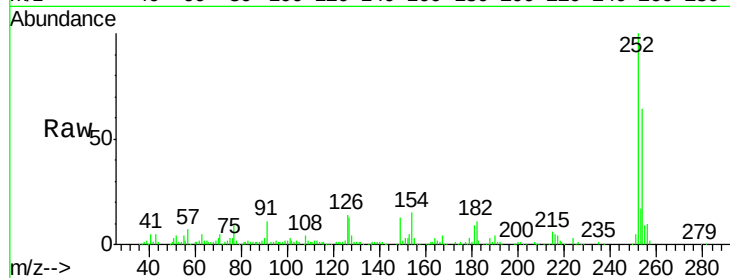
Tot Ion:252 Resp: 136953

Ion Ratio Lower Upper

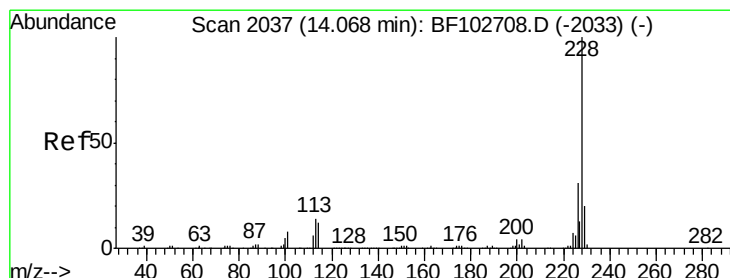
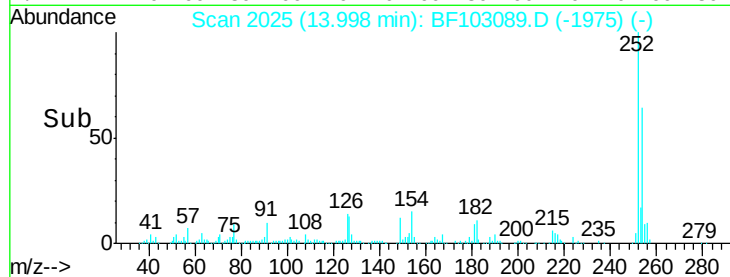
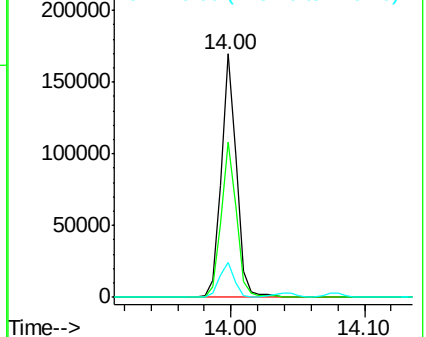
252 100

254 63.7 50.4 75.6

126 14.1 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: 38.35 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

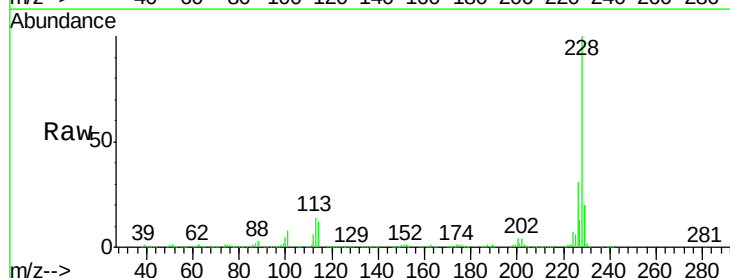
Tgt Ion:228 Resp: 751743

Ion Ratio Lower Upper

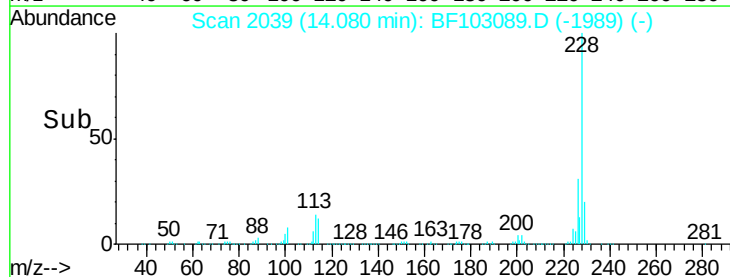
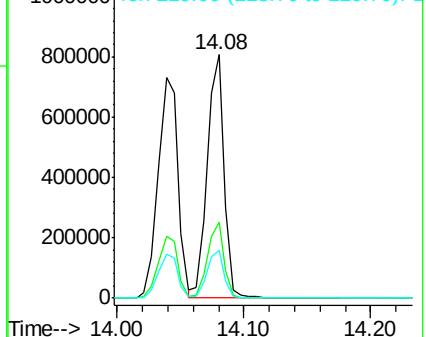
228 100

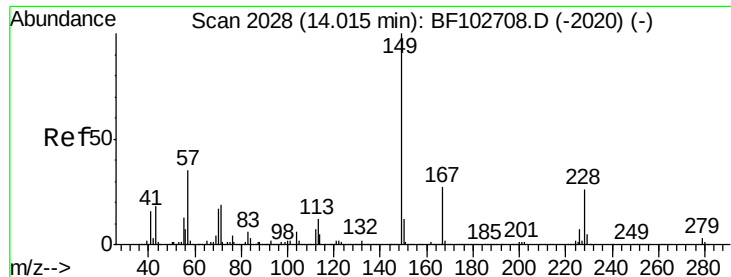
226 30.9 25.0 37.6

229 19.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.04 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

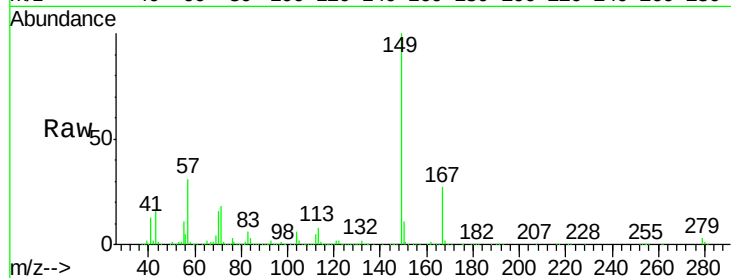
Tot Ion:149 Resp: 728447

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.5	3.0	4.4

149 100

167 26.6 21.3 31.9

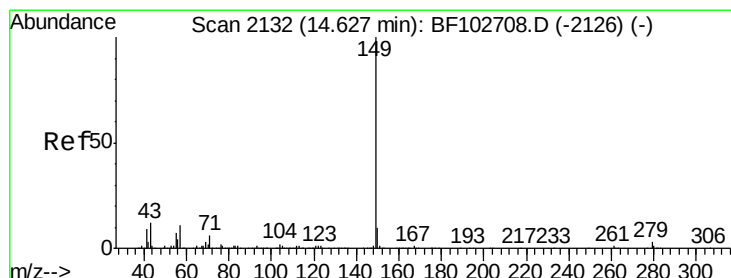
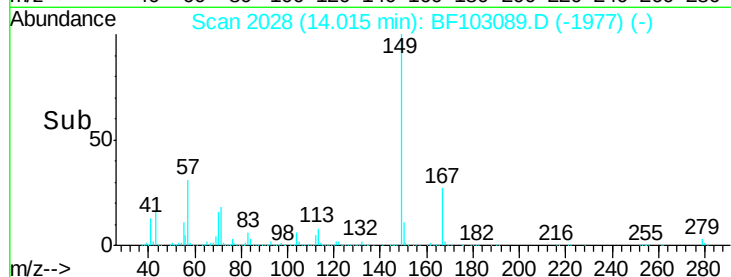
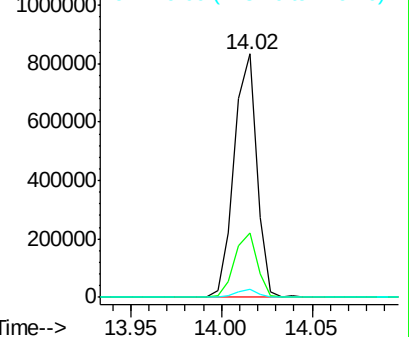
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.88 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

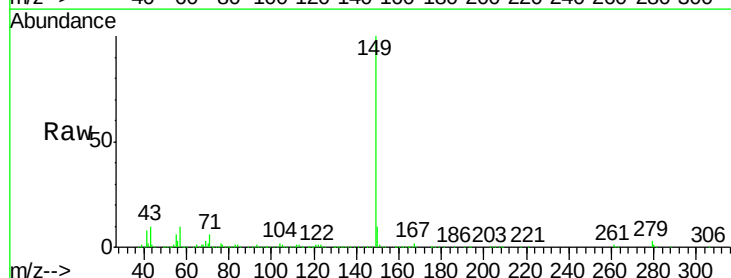
Tgt Ion:149 Resp: 1157032

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	8.4	12.6

149 100

167 1.5 1.2 1.8

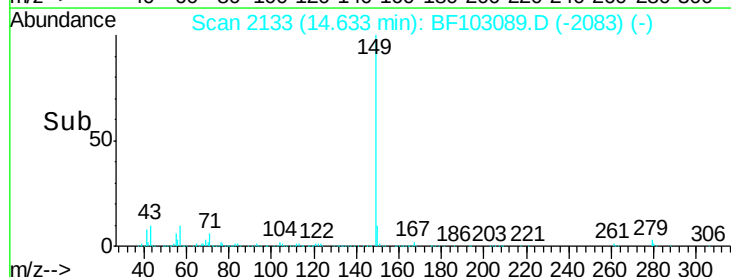
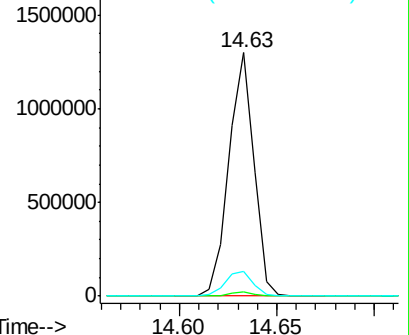
43 10.8 8.4 12.6

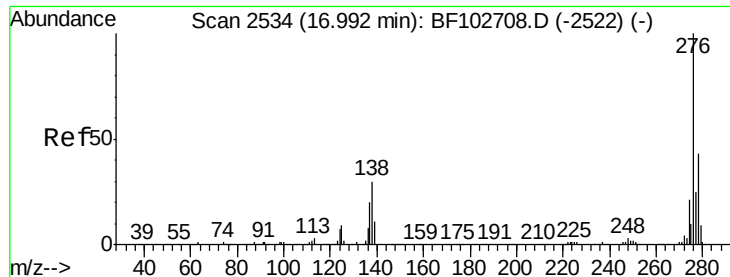


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

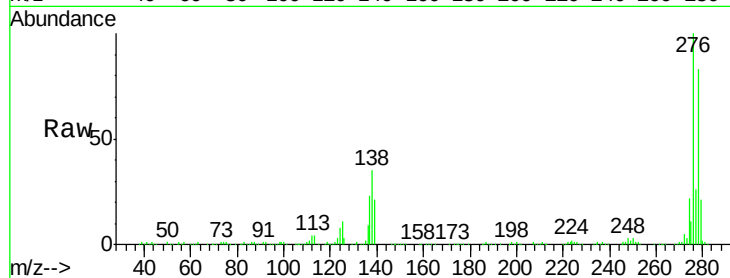




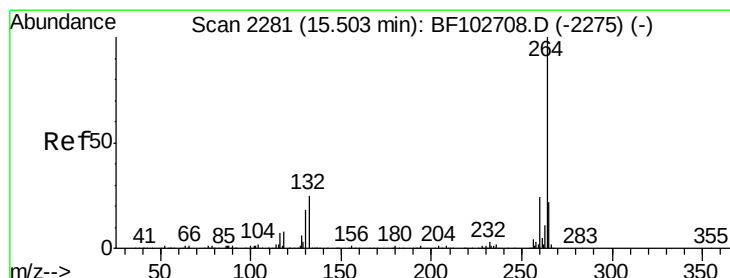
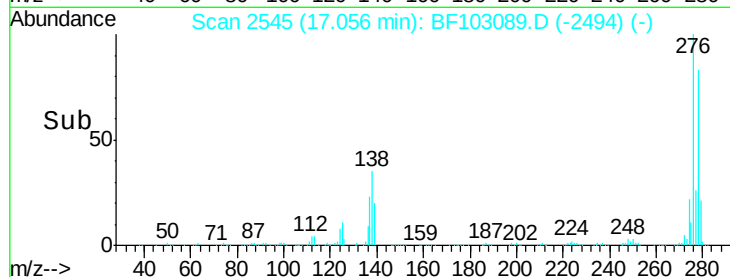
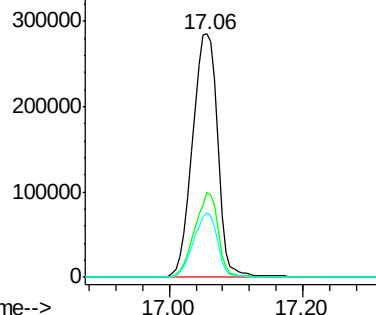
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.21 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	25.1	20.1	30.1

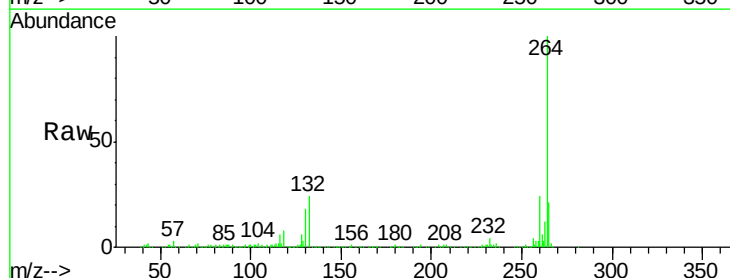


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

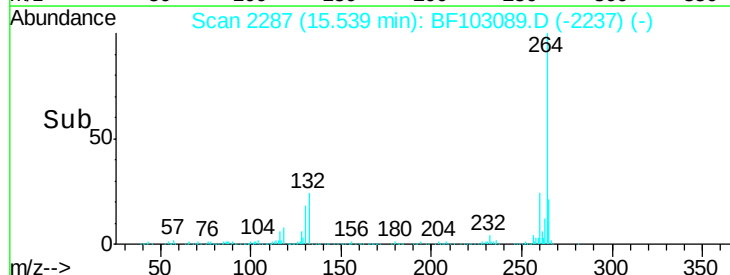
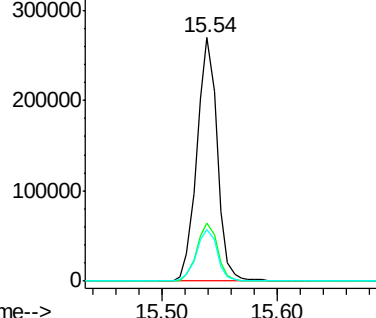


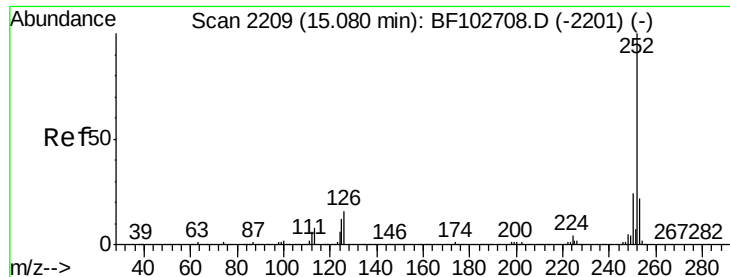
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

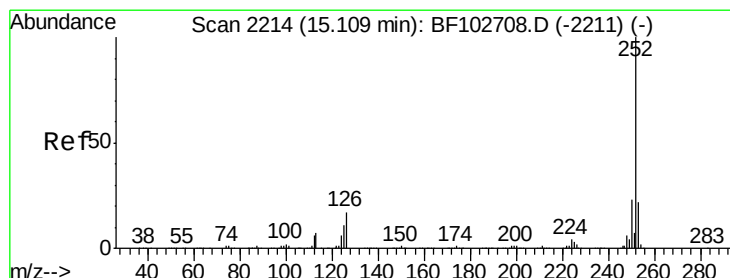
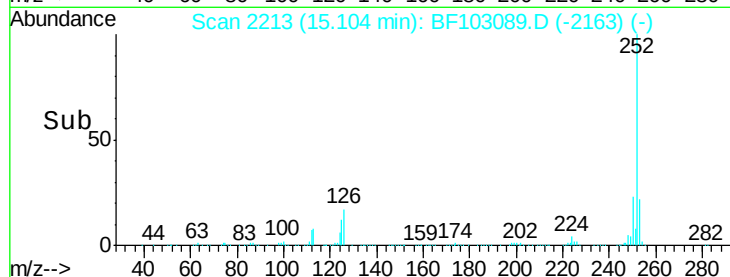
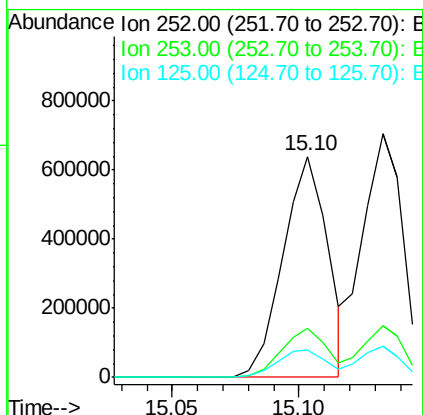
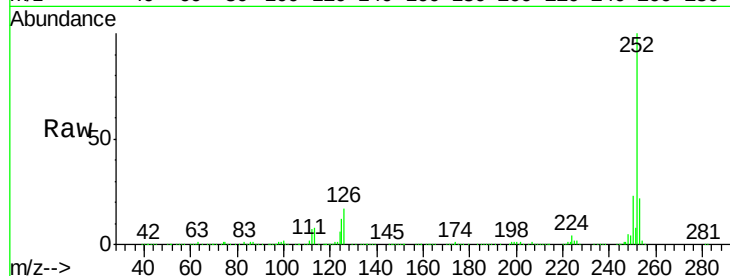




#87
Benzo(b)fluoranthene
Concen: 36.76 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

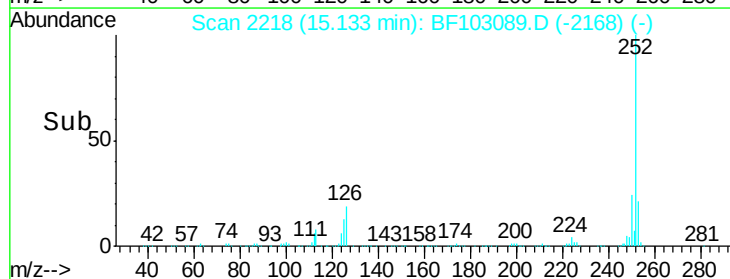
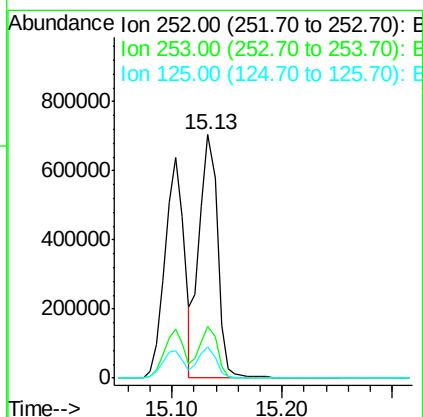
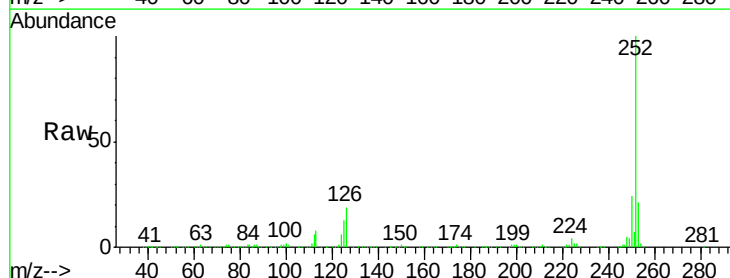
Instrument :
BNA_F
ClientSampleId :

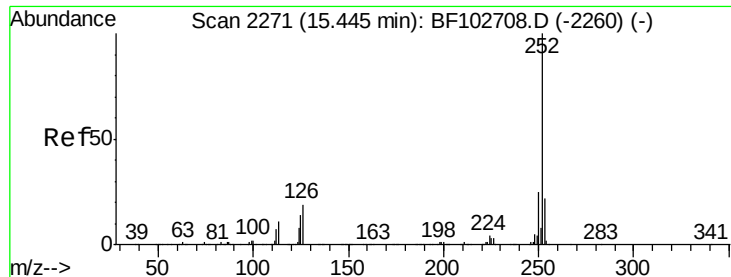
Tot Ion:252 Resp: 784689
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.88 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103089.D
Acq: 19 Feb 2018 18:17

Tgt Ion:252 Resp: 792972
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.60 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

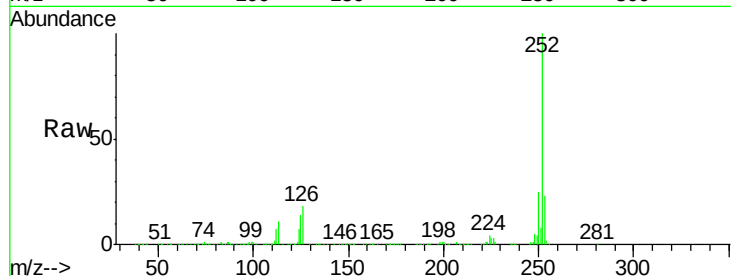
Tot Ion:252 Resp: 780011

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

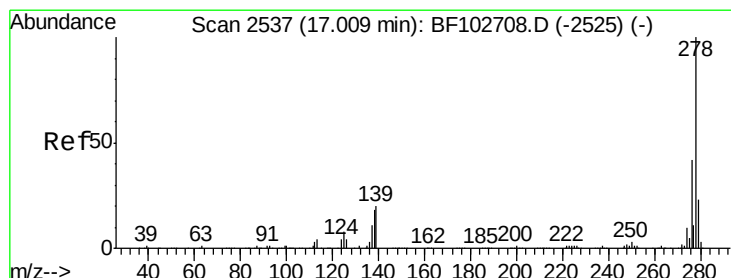
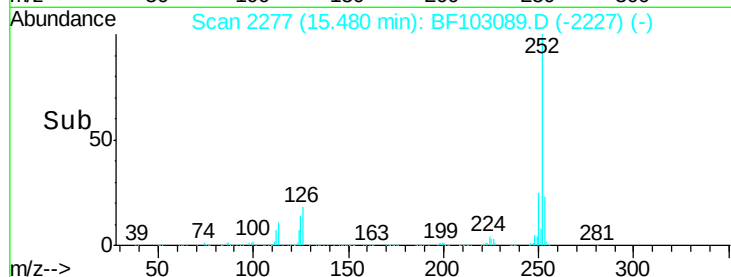
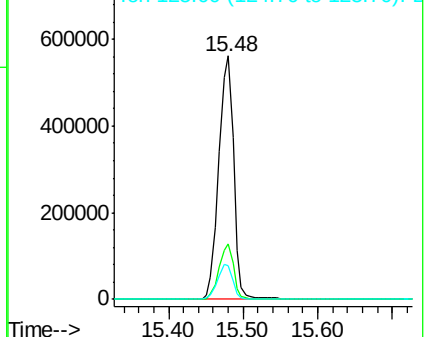
125 13.7 9.8 14.6



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: 41.69 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

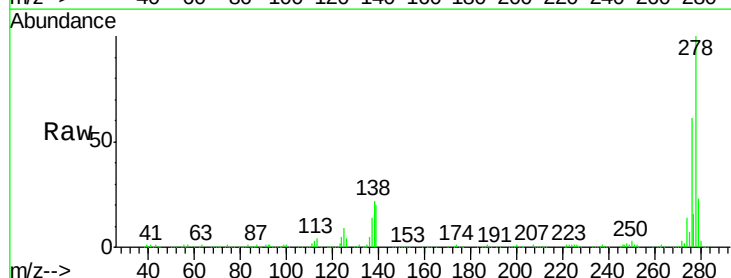
Tgt Ion:278 Resp: 650119

Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

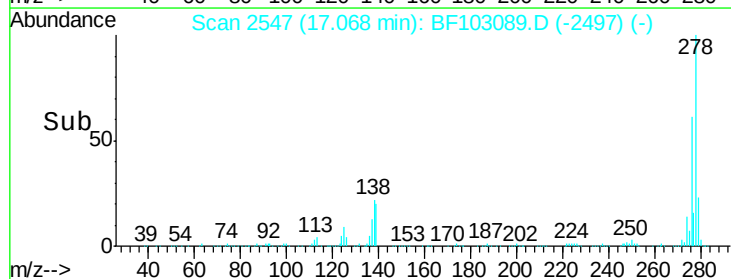
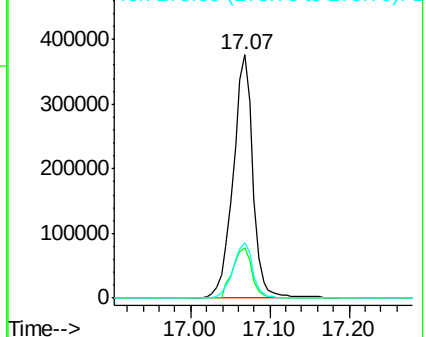
279 22.7 19.0 28.4

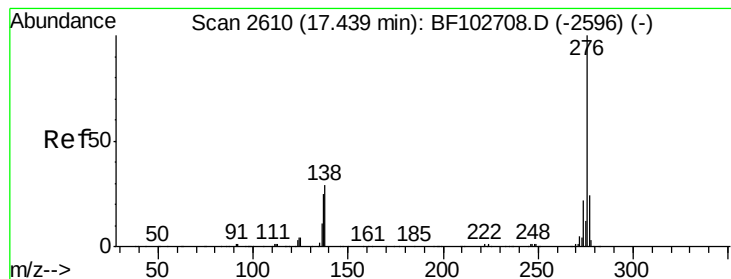


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.10 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF103089.D

Acq: 19 Feb 2018 18:17

Instrument :

BNA_F

ClientSampleId :

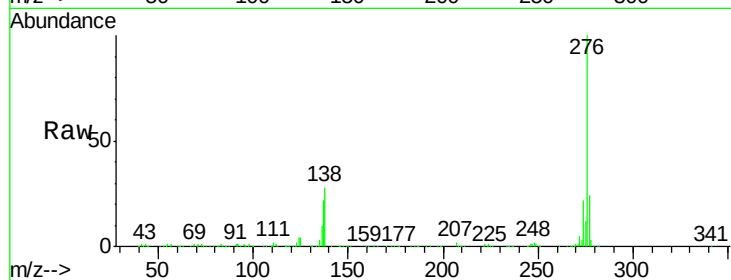
Tot Ion:276 Resp: 627352

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

