

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103248.D
 Acq On : 27 Feb 2018 5:53
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 07:25:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140032	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	557821	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	221007	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	340515	20.00	ng	0.00
75) Chrysene-d12	14.06	240	226406	20.00	ng	0.00
86) Perylene-d12	15.55	264	169896	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	755723	81.62	ng	0.00
7) Phenol-d6	6.51	99	868298	76.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	756239	77.42	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	129705	69.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1106564	86.63	ng	0.00
78) Terphenyl-d14	12.99	244	800560	85.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	199838	40.87	ng	91
3) Pyridine	3.39	79	532166	40.76	ng	97
4) n-Nitrosodimethylamine	3.35	42	220624	41.90	ng	97
6) Aniline	6.54	93	640024	39.14	ng	95
8) 2-Chlorophenol	6.66	128	382214	39.74	ng	96
9) Benzaldehyde	6.43	77	268279	38.55	ng	98
10) Phenol	6.53	94	507057	38.55	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	395846	39.65	ng	92
12) 1,3-Dichlorobenzene	6.82	146	430351	39.15	ng	98
13) 1,4-Dichlorobenzene	6.89	146	424704	38.54	ng	99
14) 1,2-Dichlorobenzene	7.05	146	387817	38.17	ng	98
15) Benzyl Alcohol	7.02	79	304587	35.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	657516	38.36	ng	96
17) 2-Methylphenol	7.13	107	333733	38.18	ng	98
18) Hexachloroethane	7.38	117	85384	21.28	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	257345	36.50	ng	96
20) 3+4-Methylphenols	7.28	107	383378	35.98	ng	# 73
22) Acetophenone	7.29	105	502077	38.56	ng	# 88
24) Nitrobenzene	7.46	77	418709	38.93	ng	100
25) Isophorone	7.70	82	735254	38.22	ng	99
26) 2-Nitrophenol	7.77	139	113370	22.39	ng	96
27) 2,4-Dimethylphenol	7.81	122	293088	37.87	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	448908	39.69	ng	99
29) 2,4-Dichlorophenol	8.02	162	283060	38.21	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	304831	38.64	ng	98
31) Naphthalene	8.18	128	1034946	37.90	ng	99
32) Benzoic acid	7.93	122	161424	30.98	ng	99
33) 4-Chloroaniline	8.23	127	457409	38.81	ng	99
34) Hexachlorobutadiene	8.29	225	158282	38.53	ng	98
35) Caprolactam	8.60	113	99623	38.26	ng	# 81
36) 4-Chloro-3-methylphenol	8.71	107	305445	36.55	ng	99
37) 2-Methylnaphthalene	8.87	142	653476	37.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	254474	42.12	ng	98
40) Hexachlorocyclopentadiene	9.02	237	251	8.99	ng	# 26

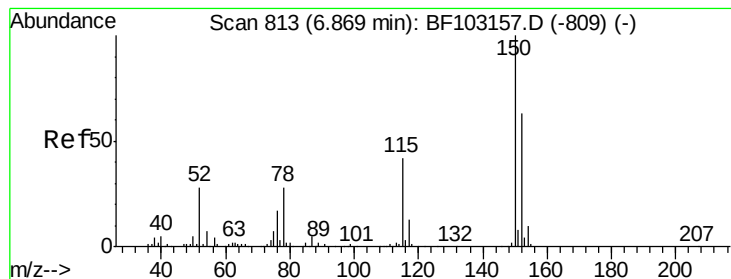
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103248.D
 Acq On : 27 Feb 2018 5:53
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 07:25:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	166400	40.93	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	178725	38.22	nq	98
45) 1,1'-Biphenyl	9.33	154	757809	40.92	nq	99
46) 2-Chloronaphthalene	9.36	162	595997	40.68	nq	98
47) 2-Nitroaniline	9.46	65	242463	44.68	nq	93
48) Acenaphthylene	9.78	152	884008	39.22	nq	99
49) Dimethylphthalate	9.63	163	718862	40.55	nq	99
50) 2,6-Dinitrotoluene	9.70	165	114698	30.83	nq	# 87
51) Acenaphthene	9.95	154	505185	38.43	nq	99
52) 3-Nitroaniline	9.87	138	210668	44.63	nq	97
53) 2,4-Dinitrophenol	10.00	184	240	9.78	nq	# 52
54) Dibenzofuran	10.12	168	715450	39.65	nq	97
55) 4-Nitrophenol	10.04	139	83293	28.47	nq	88
56) 2,4-Dinitrotoluene	10.11	165	128273	27.26	nq	96
57) Fluorene	10.46	166	549215	35.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	112517	35.82	nq	96
59) Diethylphthalate	10.33	149	674957	39.80	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	254334	39.02	nq	98
61) 4-Nitroaniline	10.49	138	207710	44.05	nq	96
62) Azobenzene	10.62	77	633199	36.69	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	1965	5.80	nq	# 48
65) n-Nitrosodiphenylamine	10.57	169	502557	42.39	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	146055	41.18	nq	93
67) Hexachlorobenzene	11.02	284	152731	39.67	nq	98
68) Atrazine	11.10	200	99779	28.00	nq	99
69) Pentachlorophenol	11.22	266	58328	31.33	nq	98
70) Phenanthrene	11.43	178	735413	39.24	nq	98
71) Anthracene	11.49	178	744734	38.76	nq	99
72) Carbazole	11.64	167	746157	38.99	nq	99
73) Di-n-butylphthalate	11.96	149	993927	41.51	nq	99
74) Fluoranthene	12.62	202	732977	38.92	nq	98
76) Benzidine	12.74	184	451926	53.39	nq	99
77) Pyrene	12.86	202	748632	42.41	nq	100
79) Butylbenzylphthalate	13.46	149	414743	44.47	nq	97
80) Benzo(a)anthracene	14.04	228	575847	39.20	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	239944	45.77	nq	96
82) Chrysene	14.08	228	562284	39.42	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	572433	45.48	nq	# 98
84) Di-n-octyl phthalate	14.63	149	895682	44.05	nq	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	415434	36.79	nq	97
87) Benzo(b)fluoranthene	15.11	252	447477	40.06	nq	# 96
88) Benzo(k)fluoranthene	15.14	252	428525	40.74	nq	99
89) Benzo(a)pyrene	15.49	252	396015	39.70	nq	98
90) Dibenzo(a,h)anthracene	17.08	278	353701	45.89	nq	97
91) Benzo(g,h,i)perylene	17.53	276	345853	45.91	nq	98

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

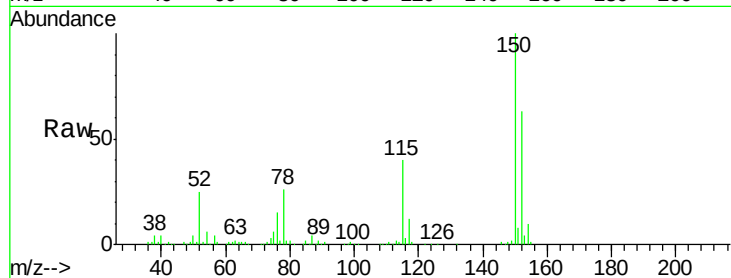


#1

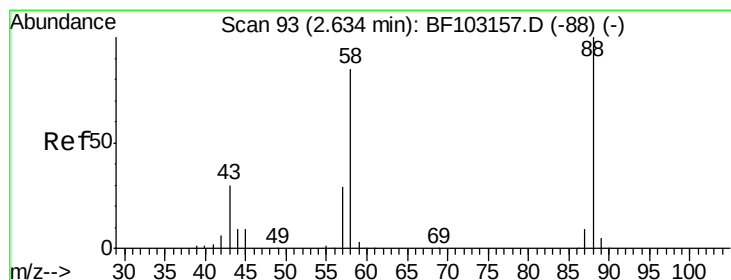
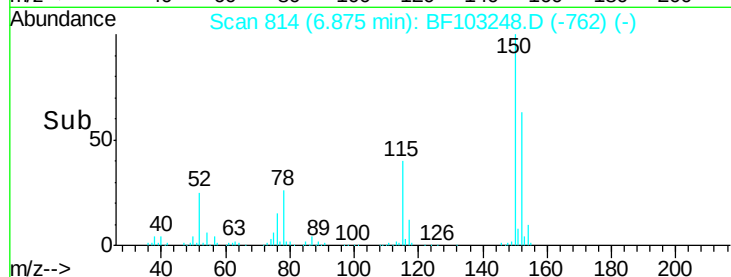
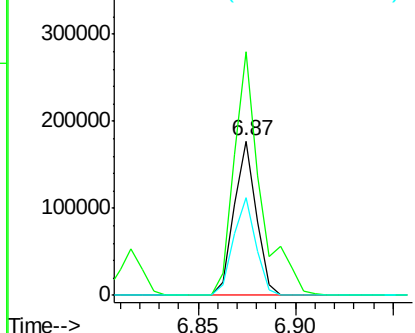
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	63.5	50.1	75.1



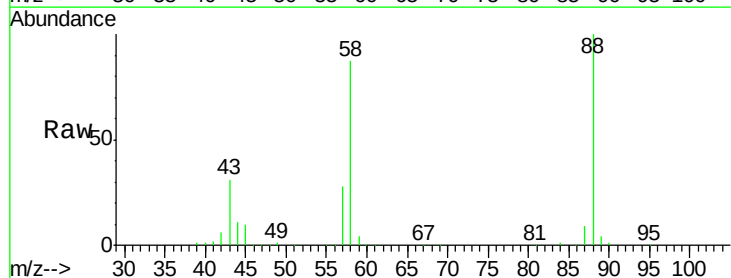
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



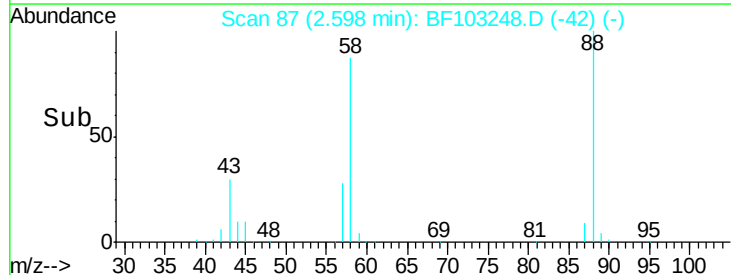
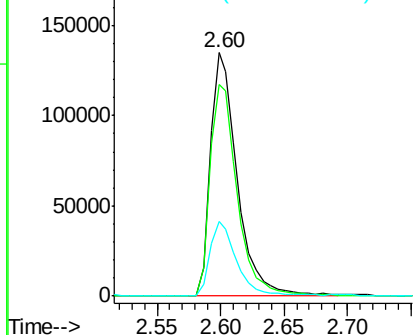
#2

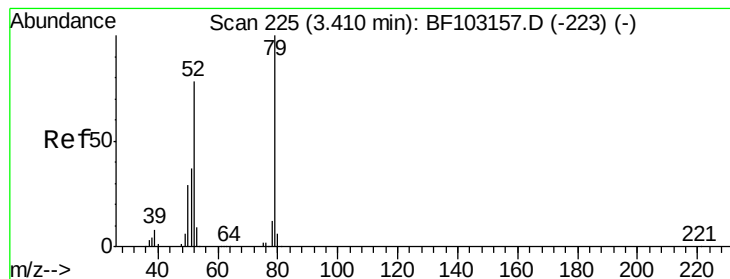
1,4-Dioxane
Concen: 40.87 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.04 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	62.6	93.8
43	29.9	24.6	37.0



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





#3

Pvridine

Concen: 40.76 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.02 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampled :

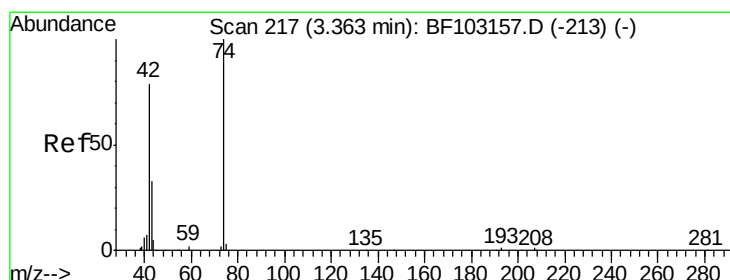
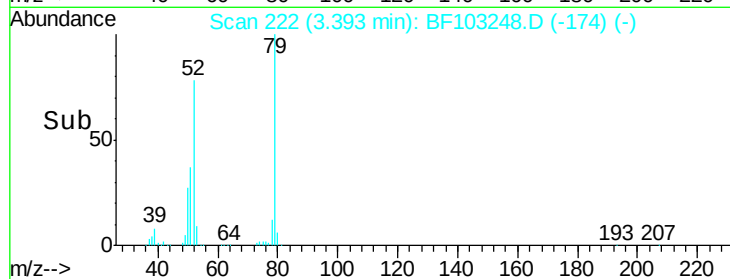
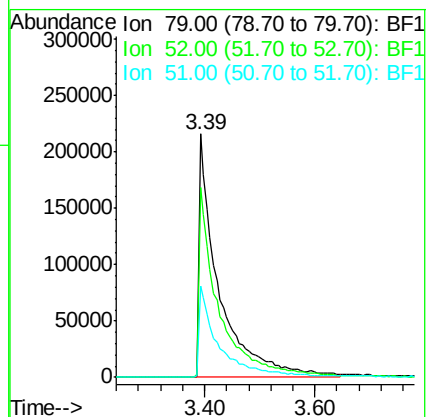
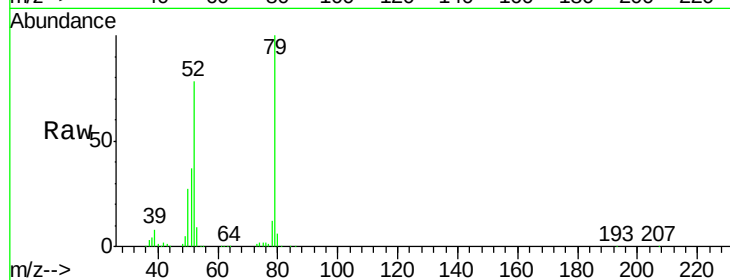
Tot Ion: 79 Resp: 532166

Ion Ratio Lower Upper

79 100

52 77.8 59.8 89.6

51 37.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.90 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

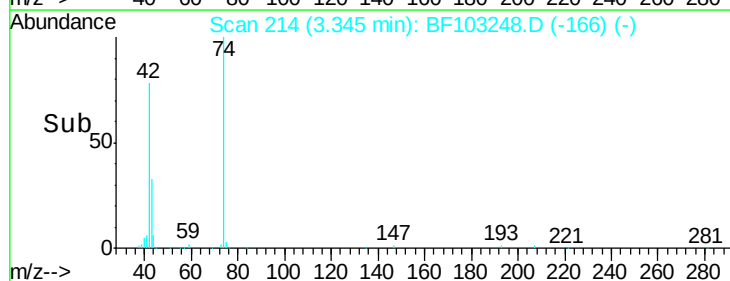
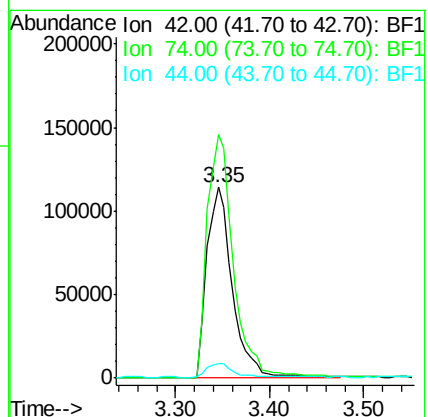
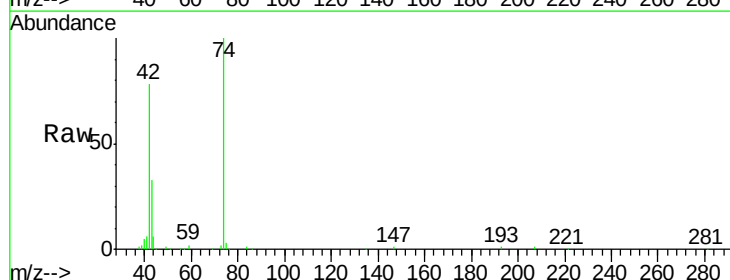
Tgt Ion: 42 Resp: 220624

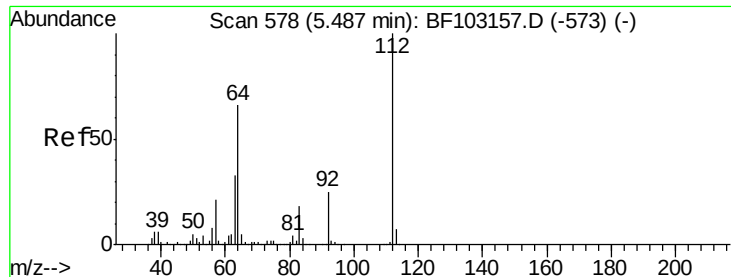
Ion Ratio Lower Upper

42 100

74 127.4 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 81.62 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

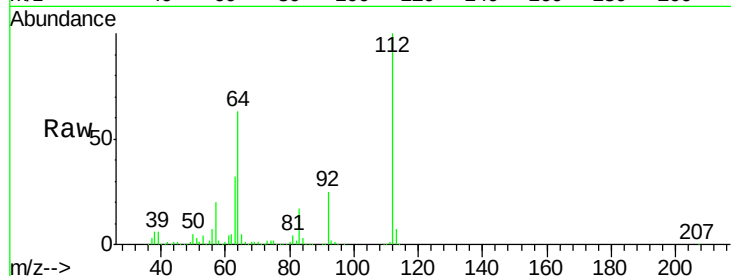
Tot Ion:112 Resp: 755723

Ion Ratio Lower Upper

112 100

64 63.4 47.9 71.9

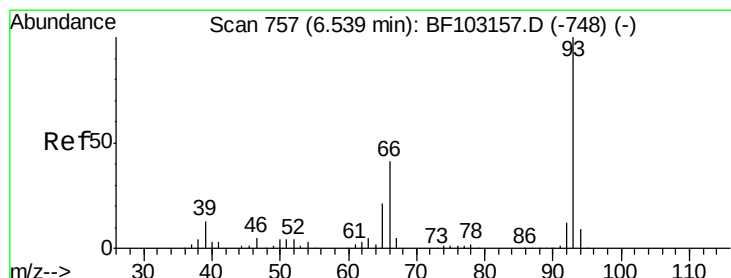
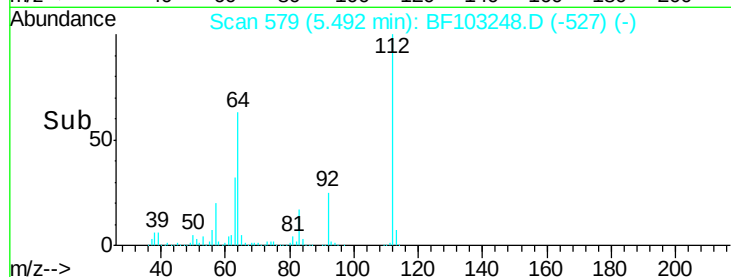
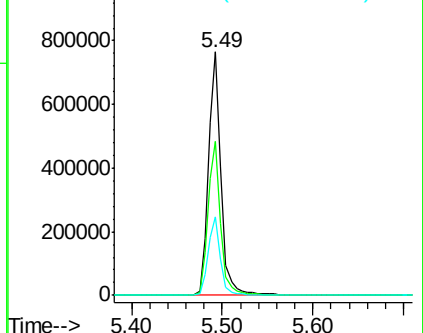
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.14 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

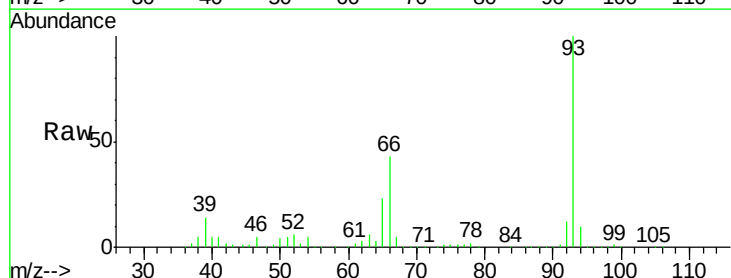
Tgt Ion: 93 Resp: 640024

Ion Ratio Lower Upper

93 100

66 43.3 32.2 48.2

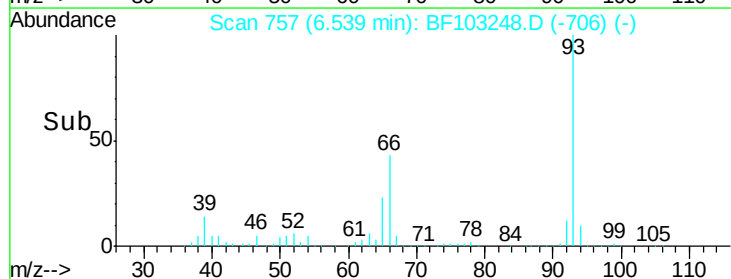
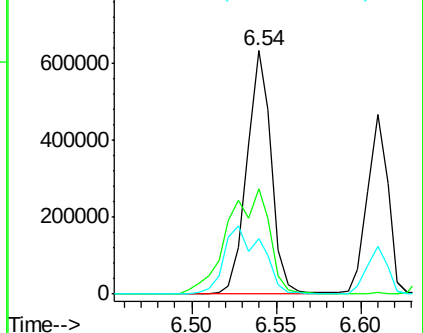
65 22.6 16.4 24.6

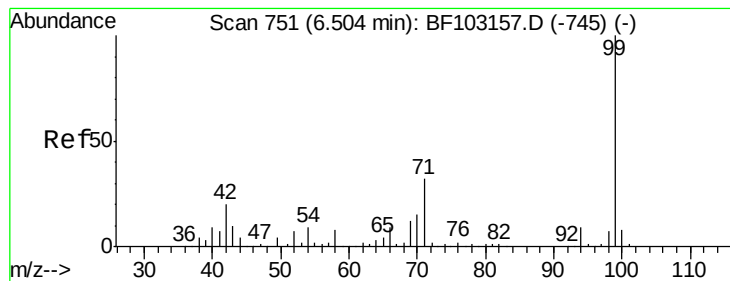


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.64 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

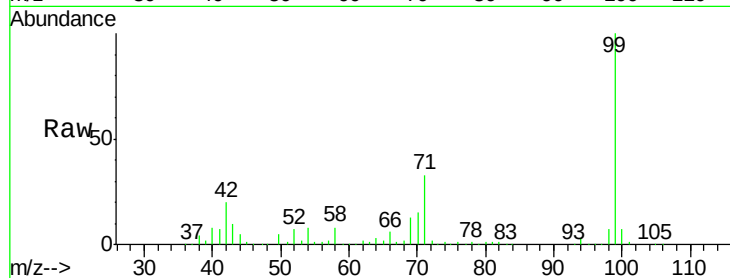
Tot Ion: 99 Resp: 868298

Ion Ratio Lower Upper

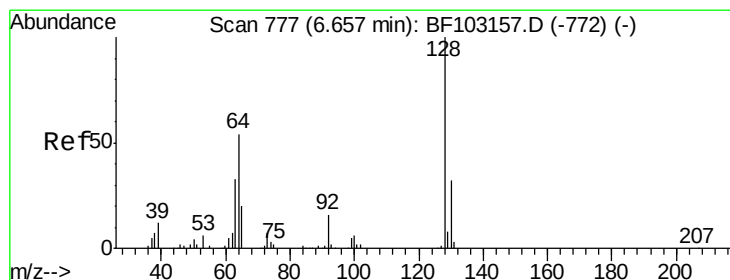
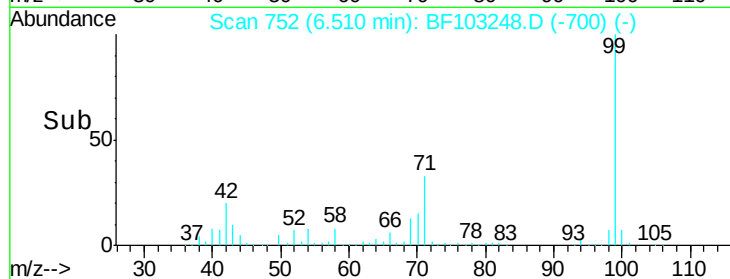
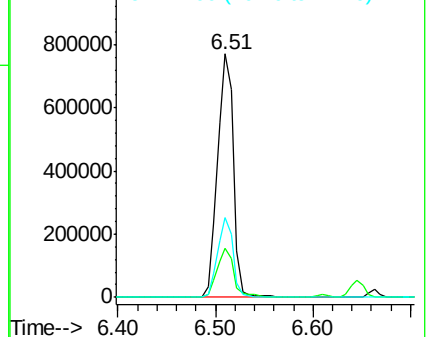
99 100

42 20.2 14.5 21.7

71 32.5 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: 39.74 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

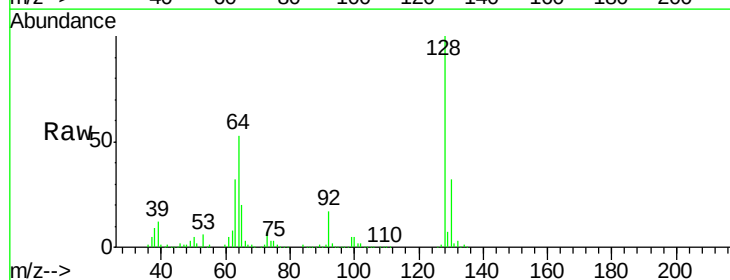
Tgt Ion: 128 Resp: 382214

Ion Ratio Lower Upper

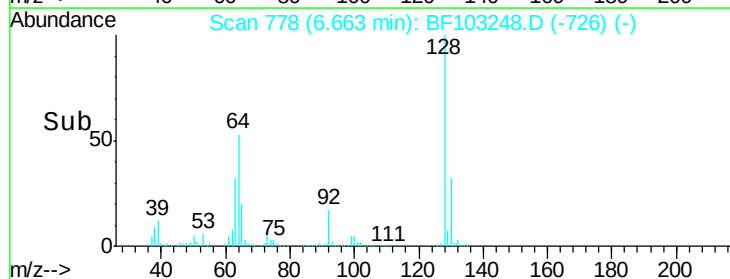
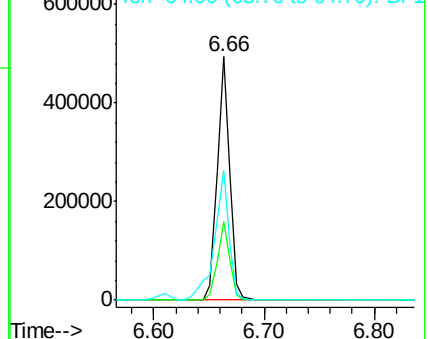
128 100

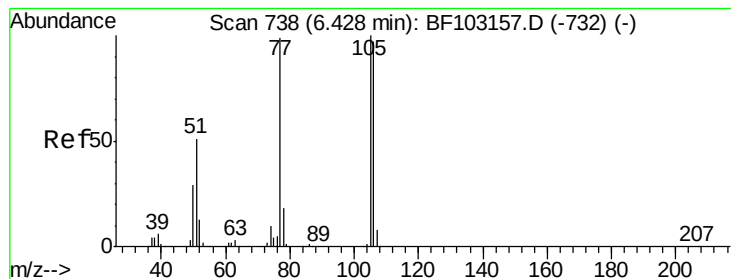
130 32.3 13.0 53.0

64 53.4 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: 38.55 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

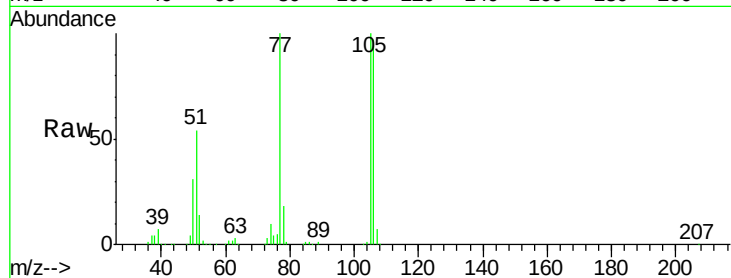
Tot Ion: 77 Resp: 268279

Ion Ratio Lower Upper

77 100

105 99.5 81.1 121.1

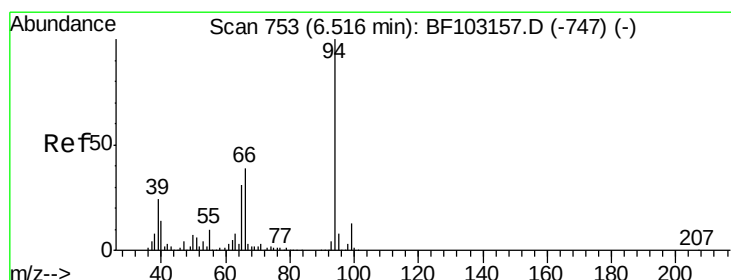
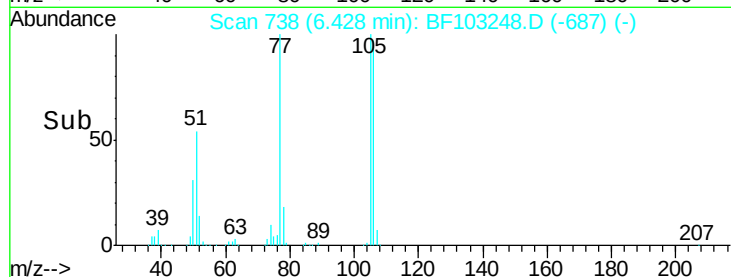
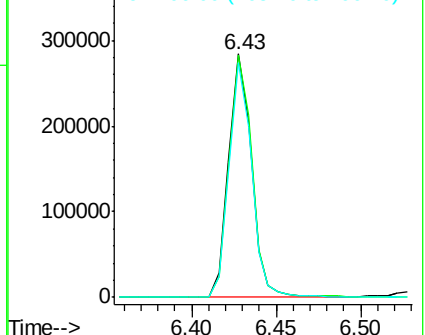
106 96.6 74.5 114.5



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: 38.55 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

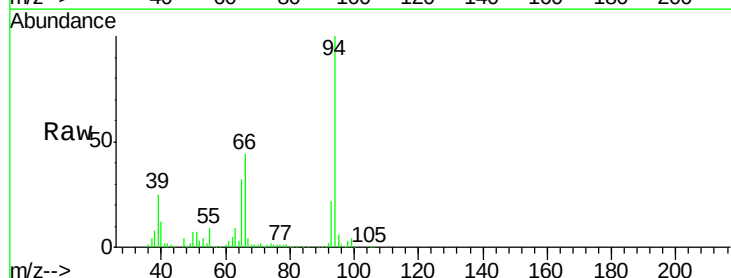
Tgt Ion: 94 Resp: 507057

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

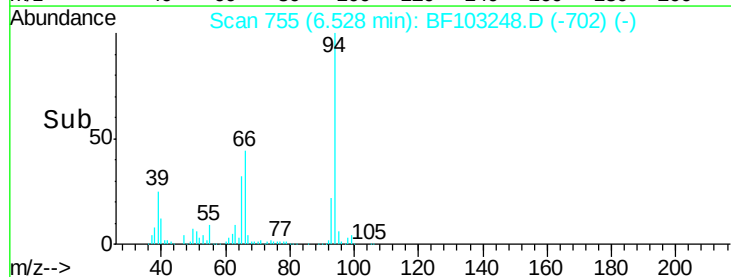
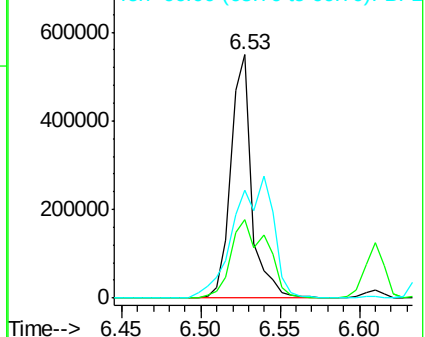
66 44.4 16.2 56.2

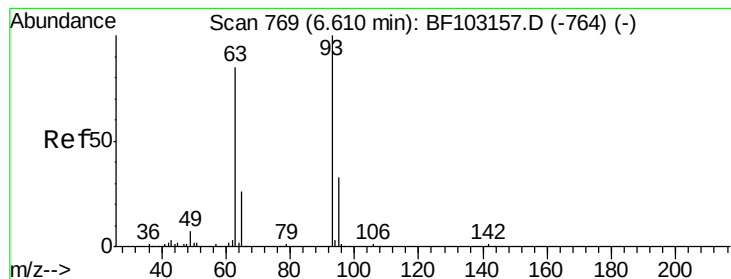


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.65 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

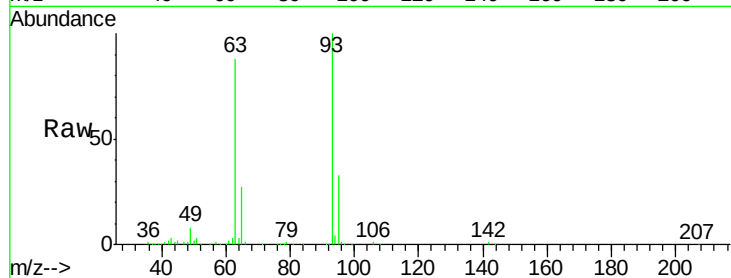
Tot Ion: 93 Resp: 395846

Ion Ratio Lower Upper

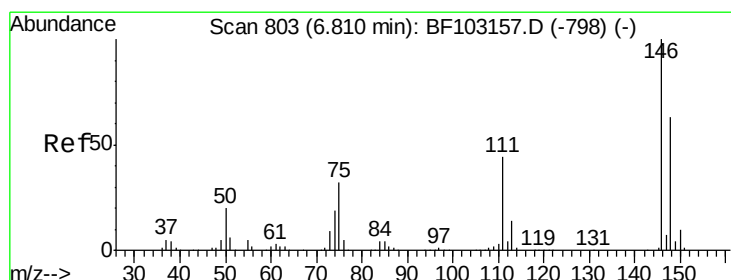
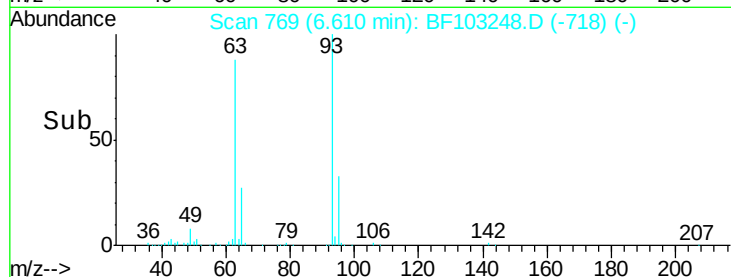
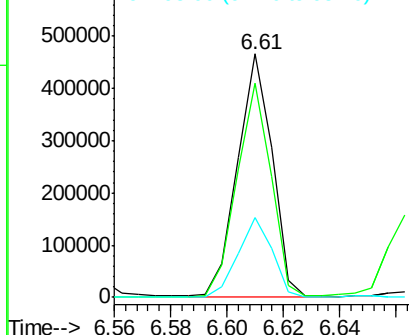
93 100

63 88.2 58.6 98.6

95 32.7 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: 39.15 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

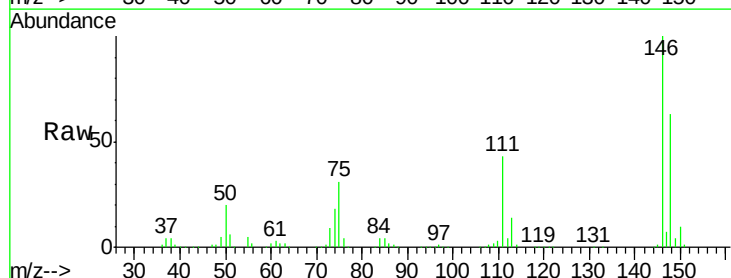
Tgt Ion: 146 Resp: 430351

Ion Ratio Lower Upper

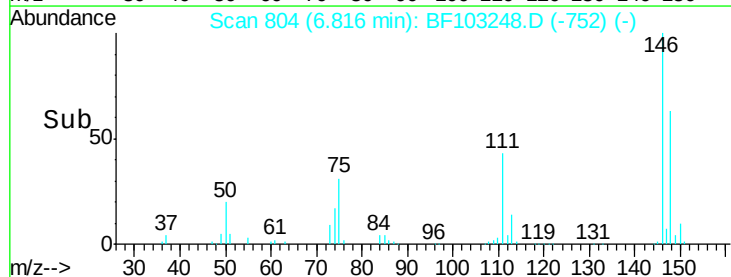
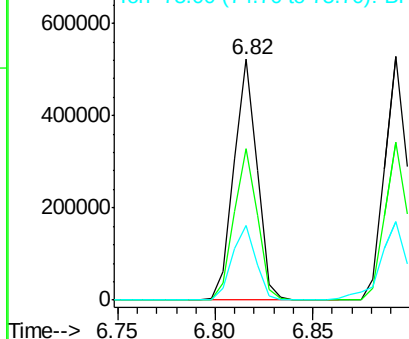
146 100

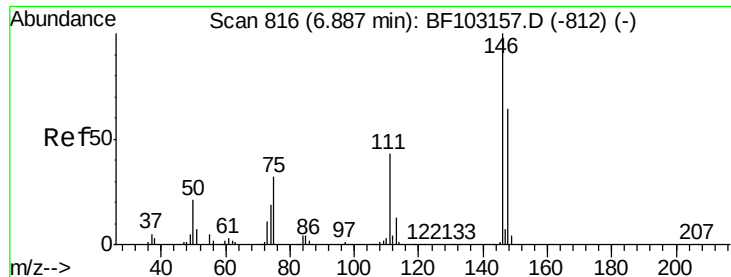
148 63.0 51.8 77.8

75 30.8 24.2 36.4



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

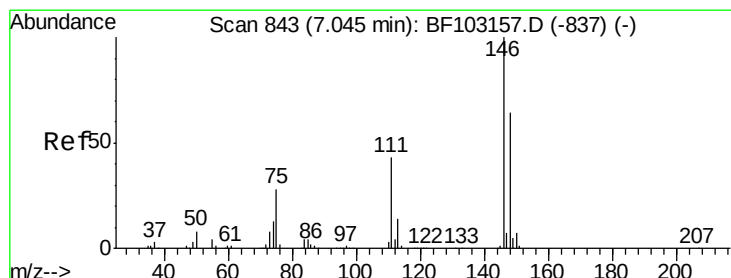
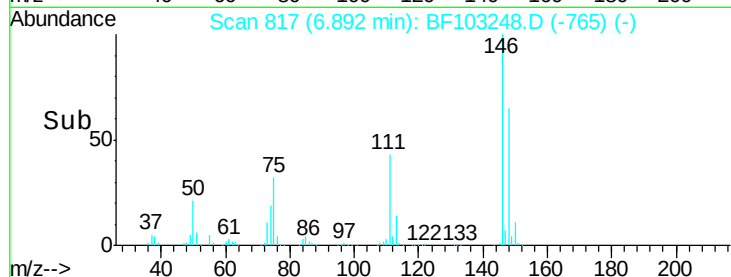
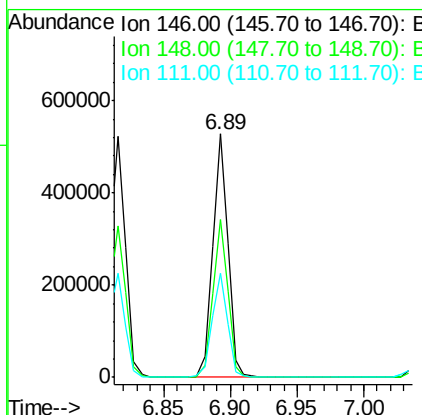
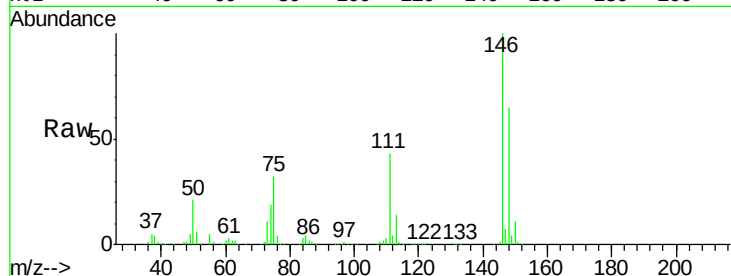




#13
 1,4-Dichlorobenzene
 Concen: 38.54 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

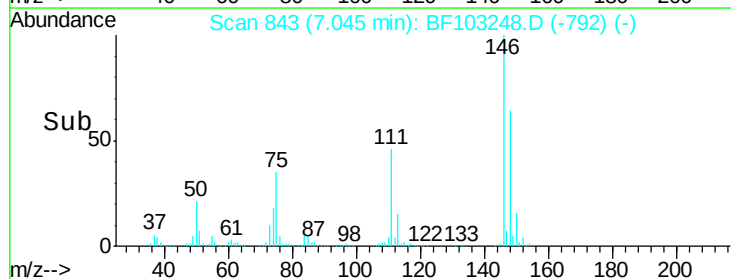
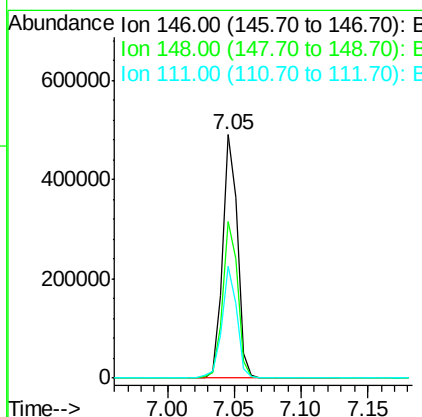
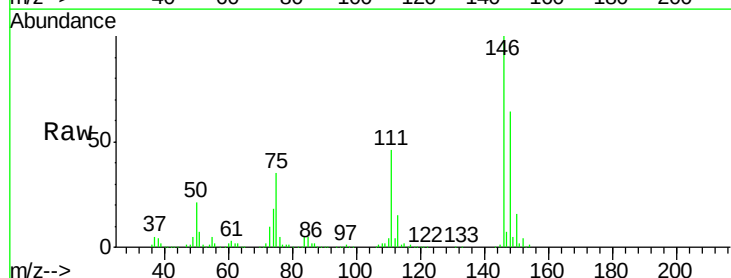
Instrument :
 BNA_F
 ClientSampleId :

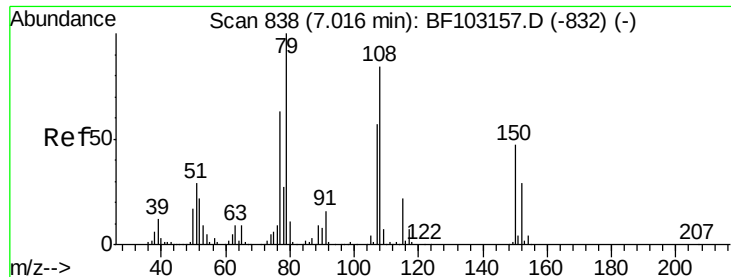
Tot Ion:146 Resp: 424704
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.17 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:146 Resp: 387817
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 46.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.68 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampled :

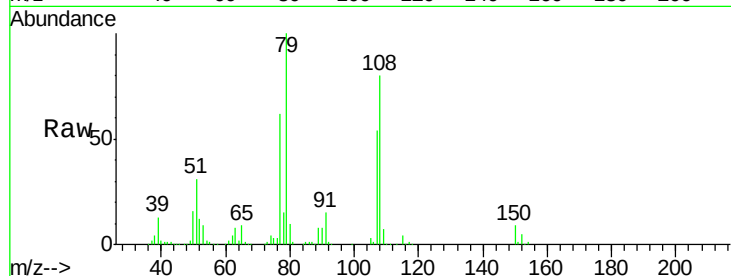
Tot Ion: 79 Resp: 304587

Ion Ratio Lower Upper

79 100

108 80.4 65.1 97.7

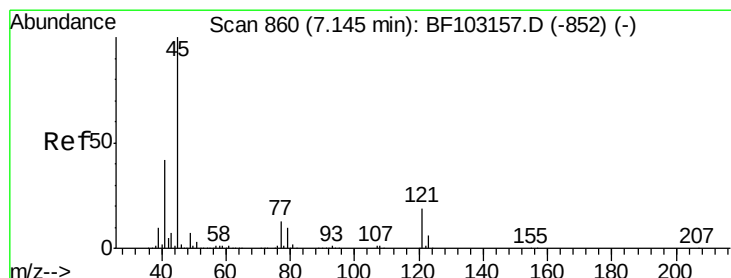
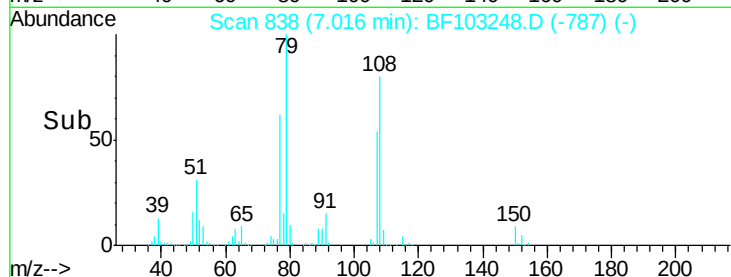
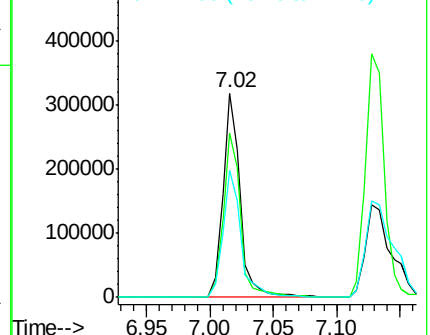
77 62.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.36 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

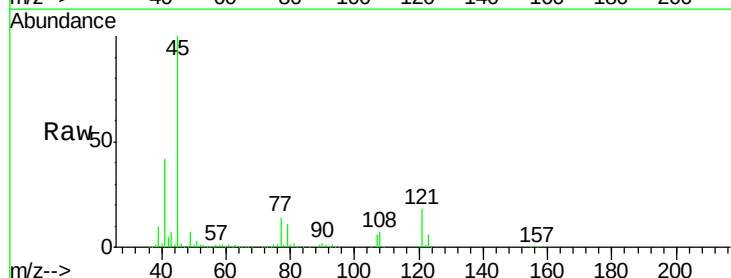
Tgt Ion: 45 Resp: 657516

Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.9

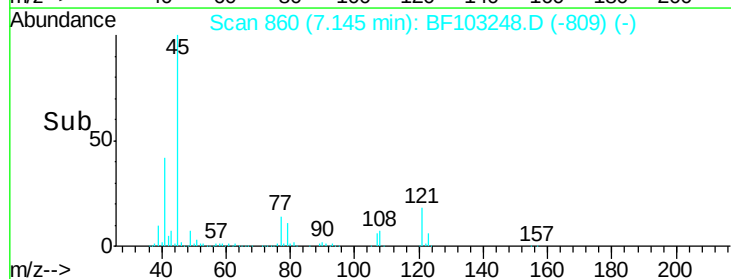
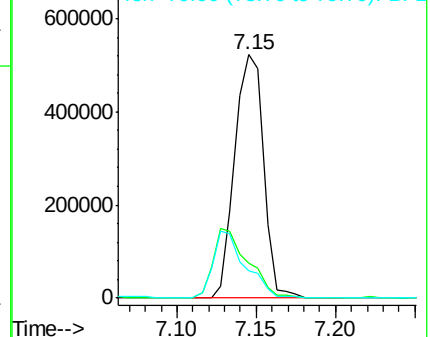
79 11.2 0.0 29.6

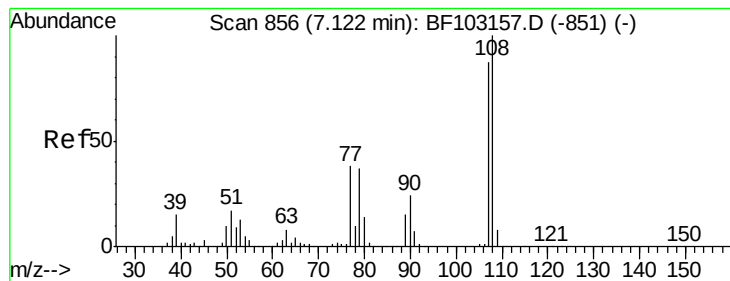


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

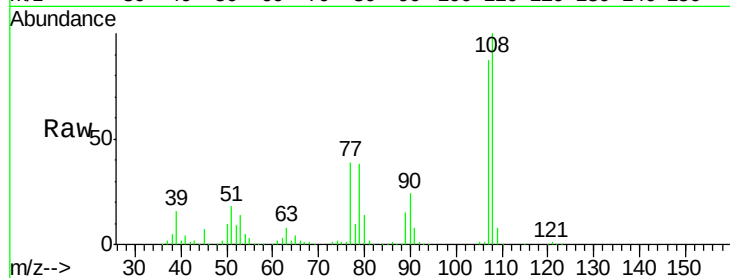




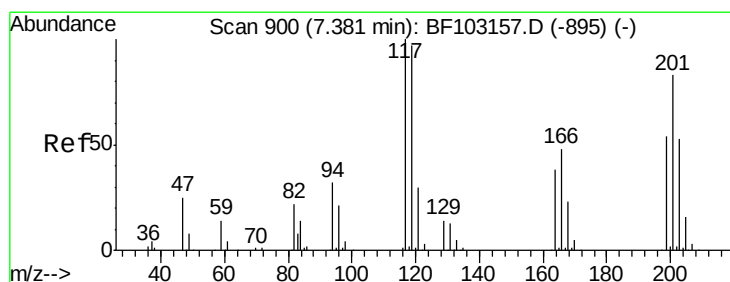
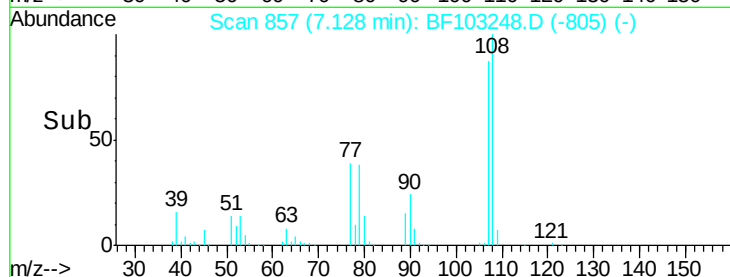
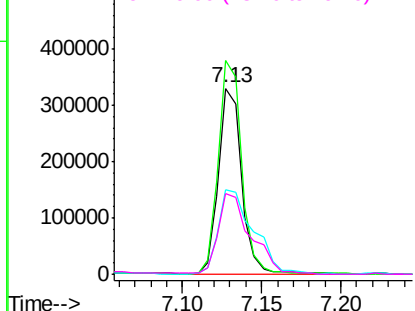
#17
2-Methylphenol
Concen: 38.18 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	333733
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	45.3	33.8	50.8
79	43.5	33.8	50.8

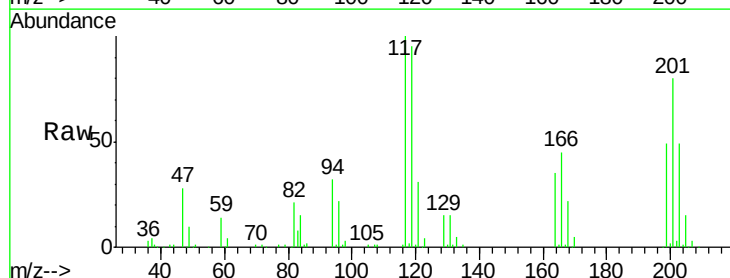


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

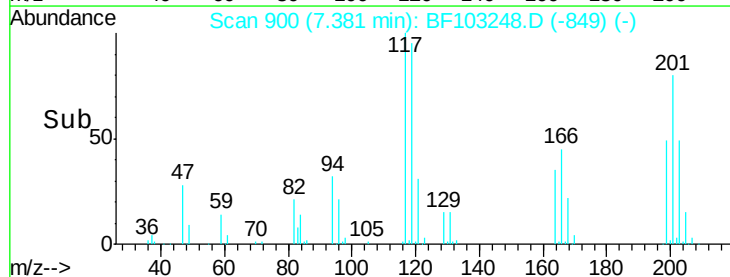
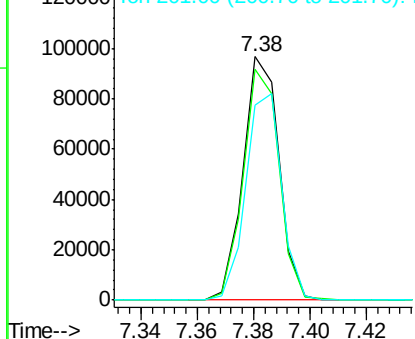


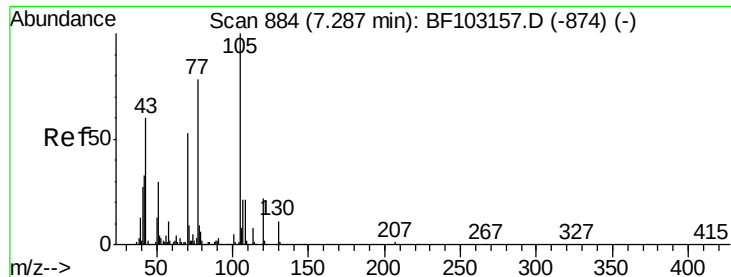
#18
Hexachloroethane
Concen: 21.28 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:	117	Resp:	85384
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	80.1	75.7	113.5



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

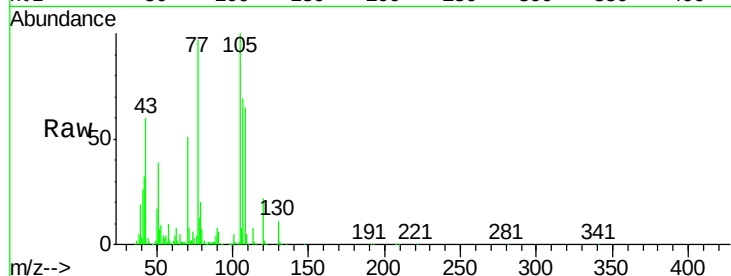




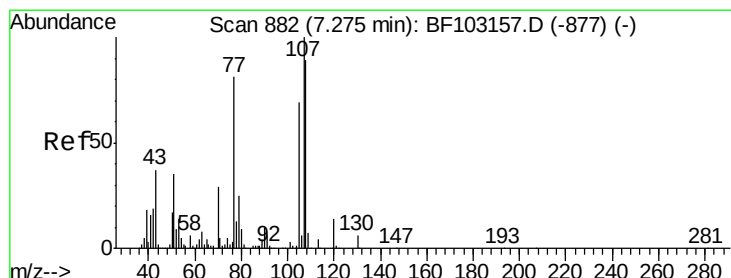
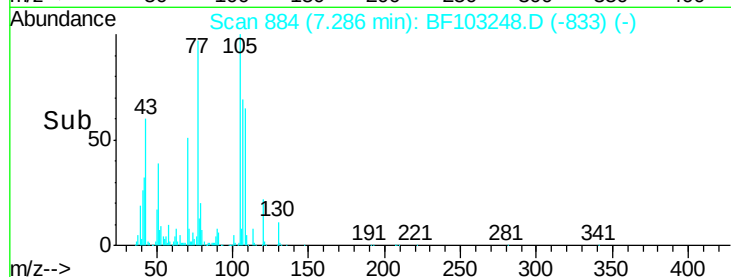
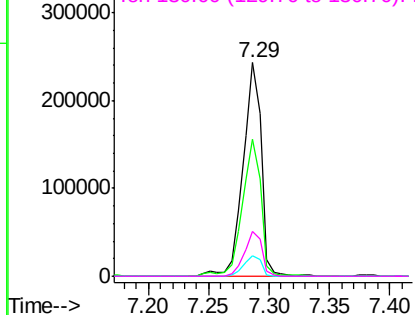
#19
n-Nitroso-di-n-propylamine
Concen: 36.50 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 257345
Ion Ratio Lower Upper
70 100
42 63.9 47.5 71.3
101 9.3 7.4 11.2
130 20.8 16.6 25.0

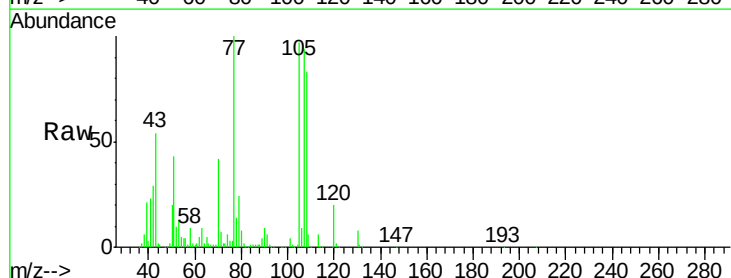


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

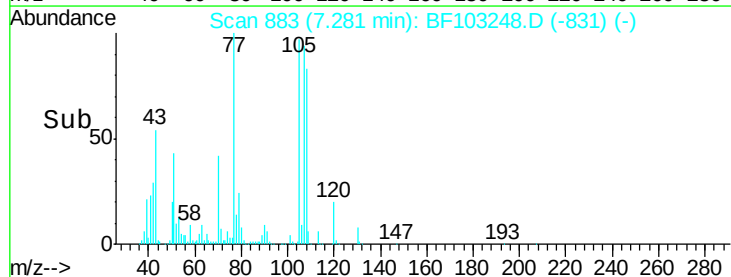
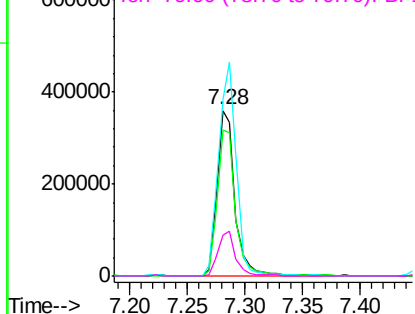


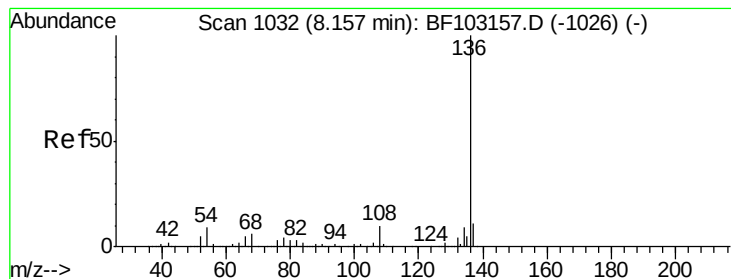
#20
3+4-Methylphenols
Concen: 35.98 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion: 107 Resp: 383378
Ion Ratio Lower Upper
107 100
108 88.3 68.2 108.2
77 106.6 26.7 66.7#
79 25.1 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 557821

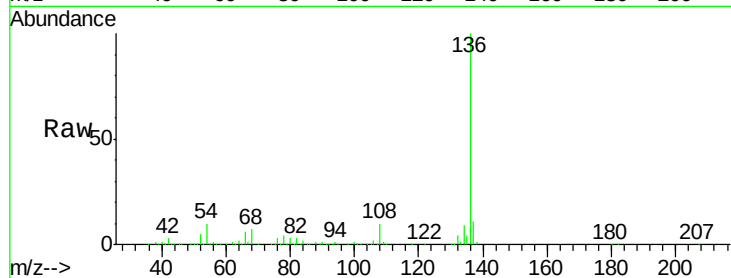
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.1 6.6 9.8#

68 7.0 5.0 7.4

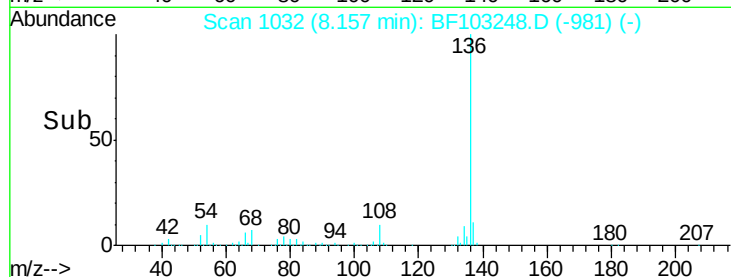


Abundance Ion 136.00 (135.70 to 136.70): E

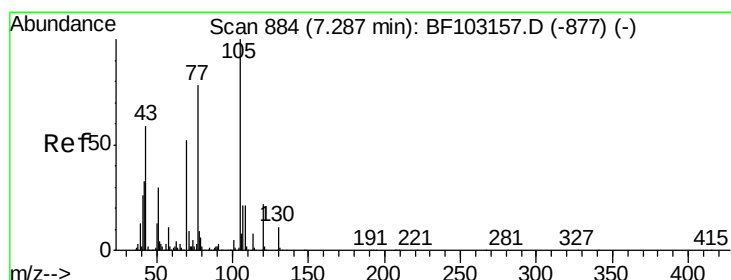
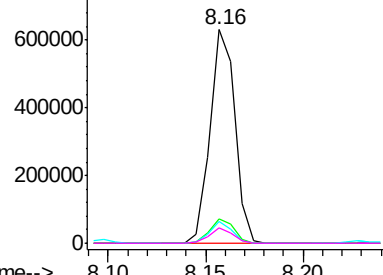
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.56 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Tgt Ion:105 Resp: 502077

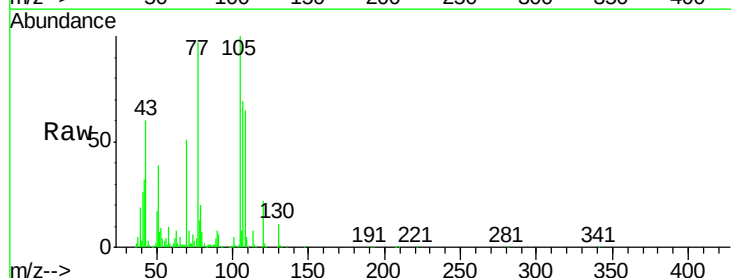
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 38.6 22.3 33.5#

120 21.7 16.9 25.3

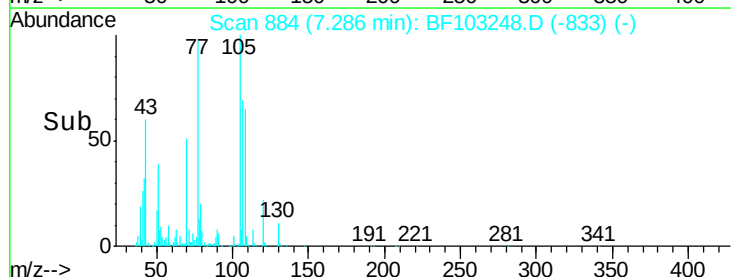


Abundance Ion 105.00 (104.70 to 105.70): E

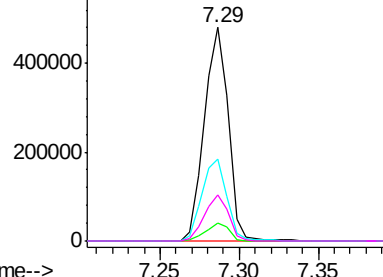
Ion 71.00 (70.70 to 71.70): BF1

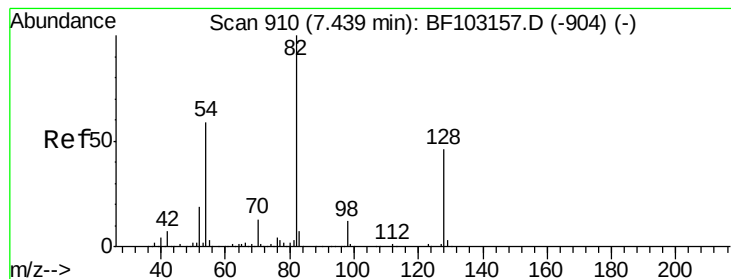
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 77.42 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

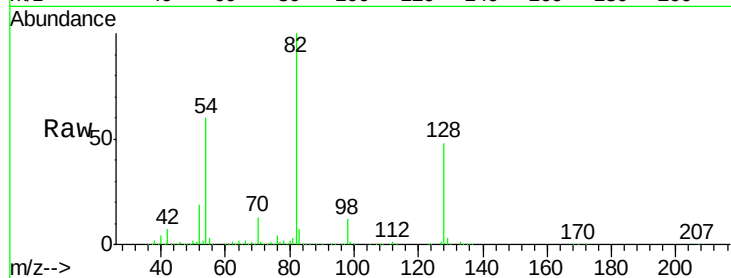
Tot Ion: 82 Resp: 756239

Ion Ratio Lower Upper

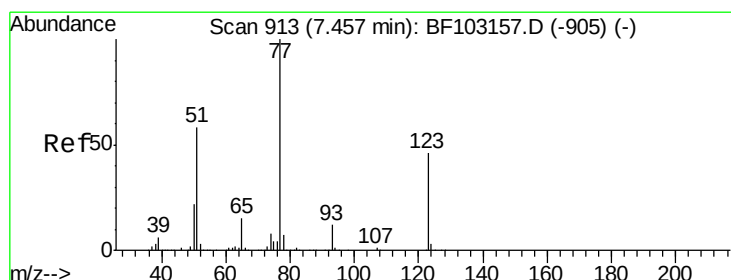
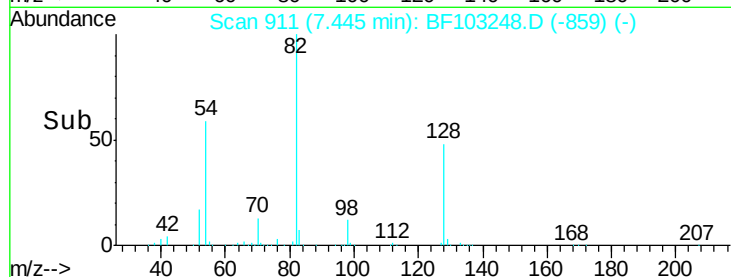
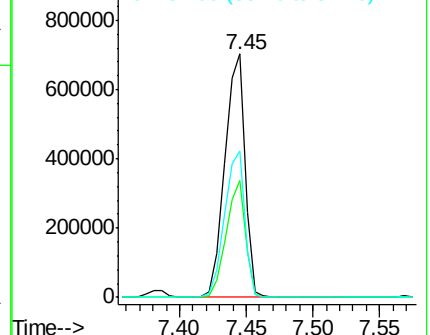
82 100

128 47.9 36.1 54.1

54 60.0 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: 38.93 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

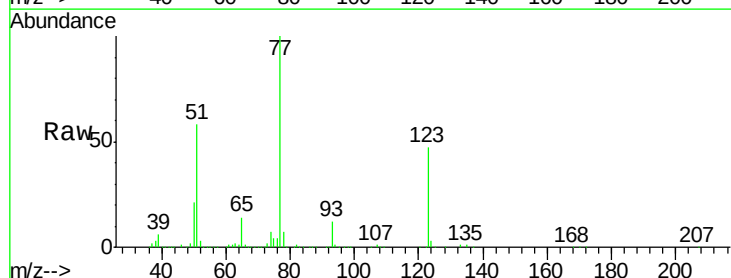
Tgt Ion: 77 Resp: 418709

Ion Ratio Lower Upper

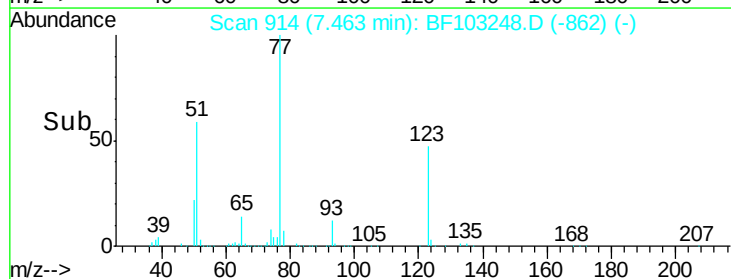
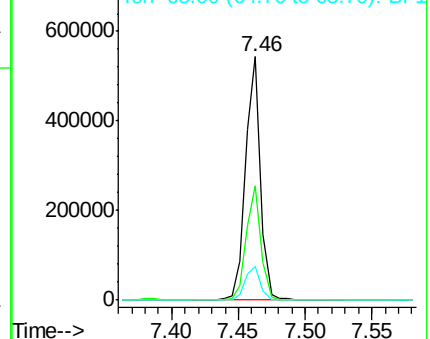
77 100

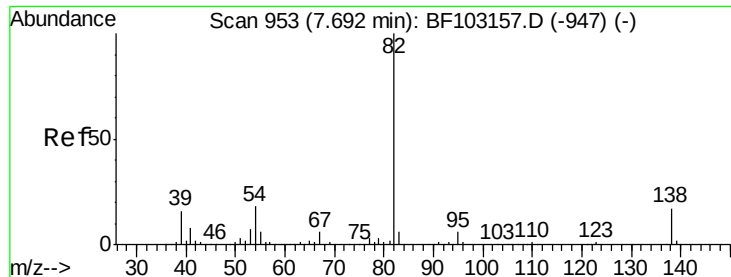
123 47.0 37.9 56.9

65 13.8 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: 38.22 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

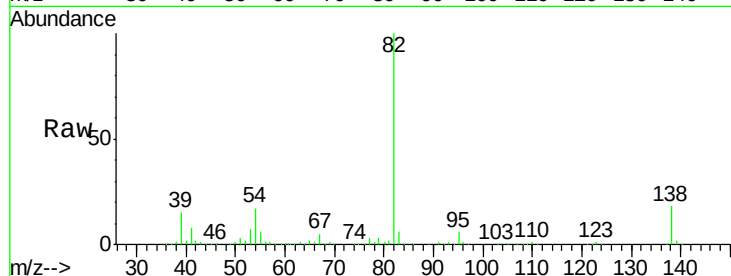
Tot Ion: 82 Resp: 735254

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

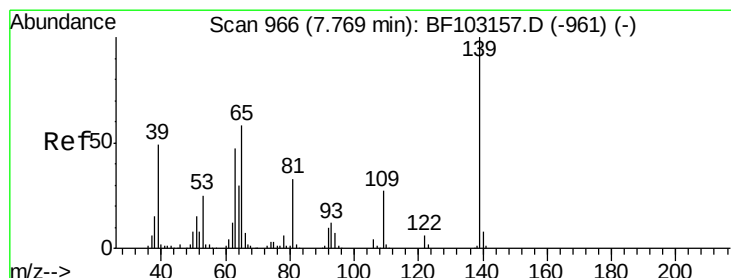
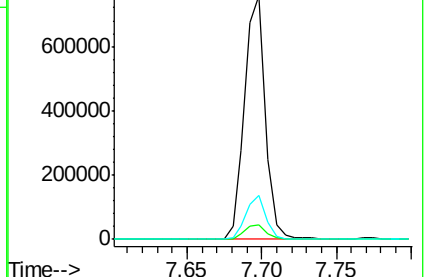
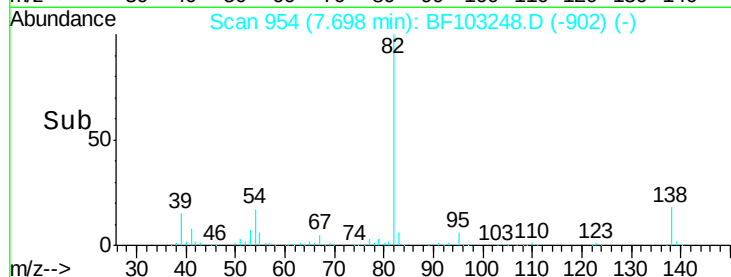
138 18.1 14.9 22.3



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: 22.39 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

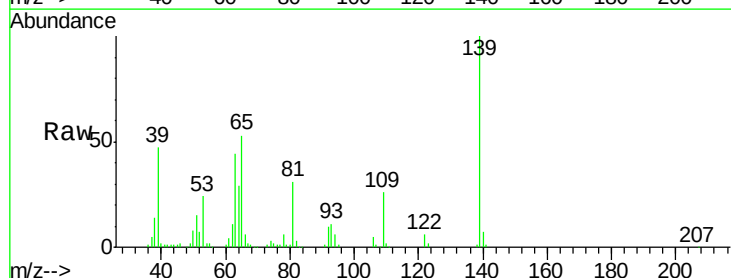
Tgt Ion: 139 Resp: 113370

Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

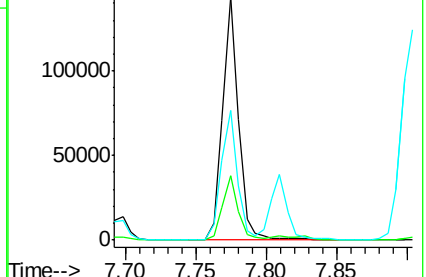
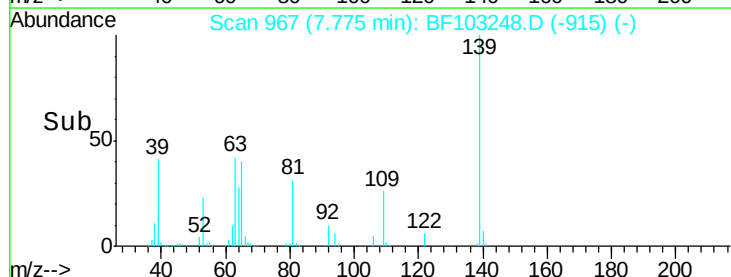
65 53.4 40.5 60.7

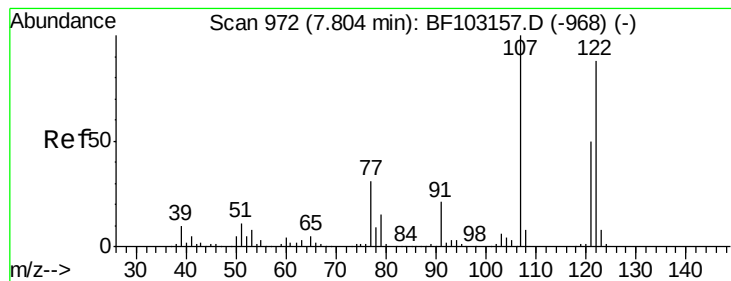


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

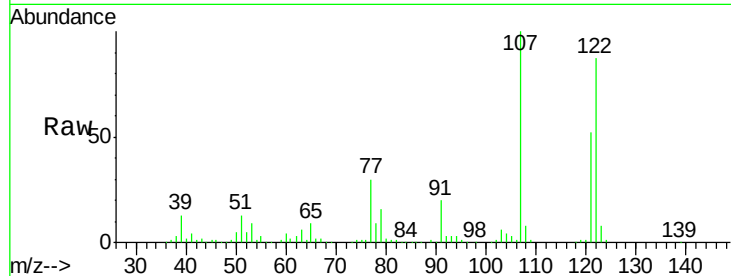




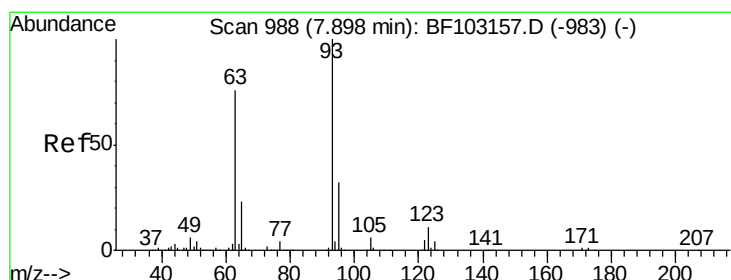
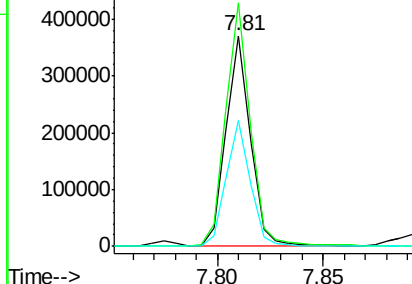
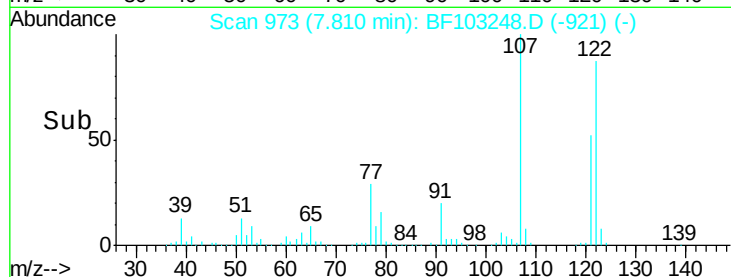
#27
 2,4-Dimethylphenol
 Concen: 37.87 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.2	136.8
121	59.9	47.2	70.8

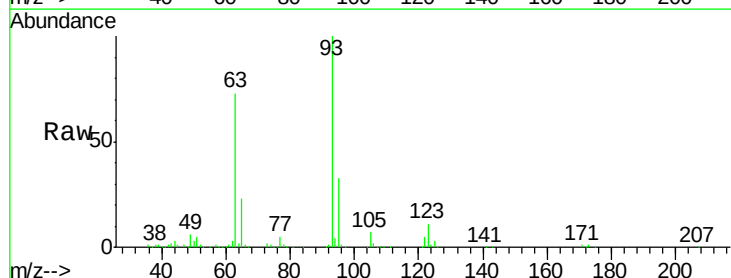


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

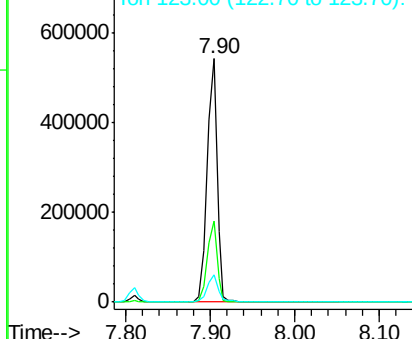
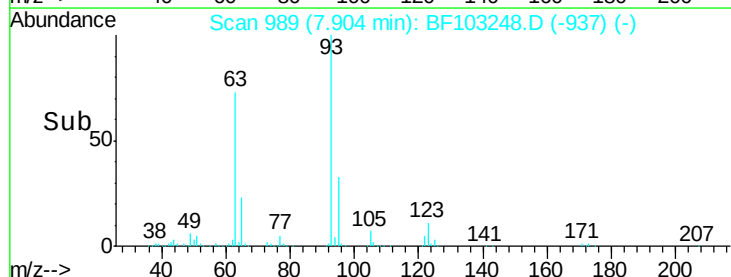


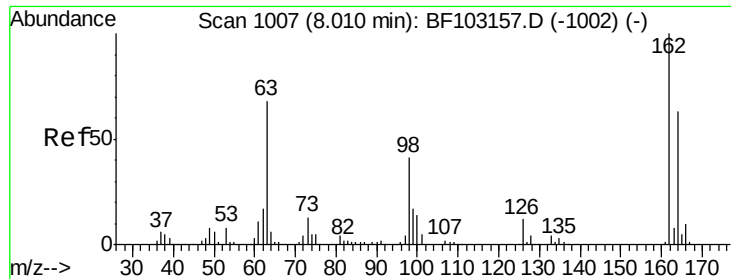
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.69 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.1	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

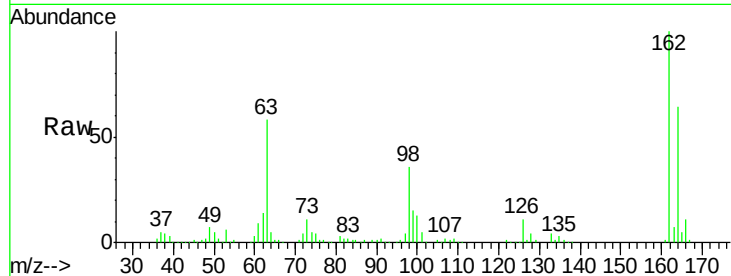




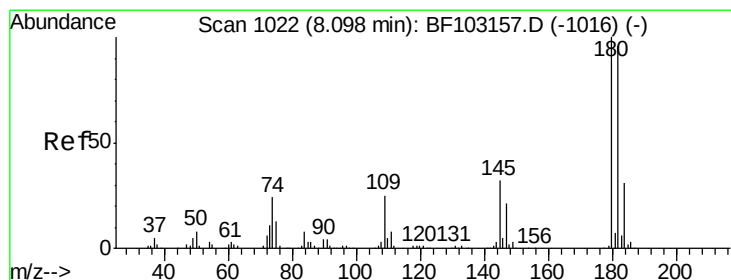
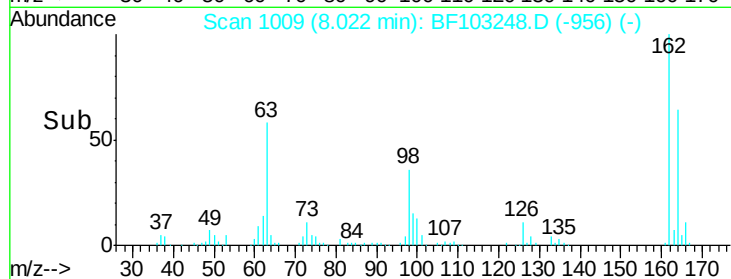
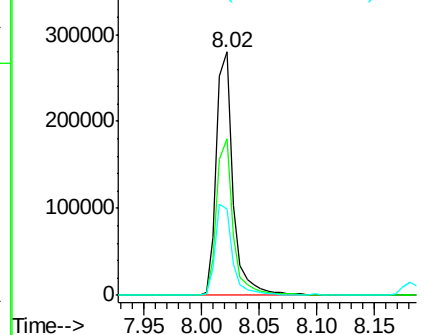
#29
 2,4-Dichlorophenol
 Concen: 38.21 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 283060
 Ion Ratio Lower Upper
 162 100
 164 64.5 42.7 82.7
 98 35.6 18.1 58.1

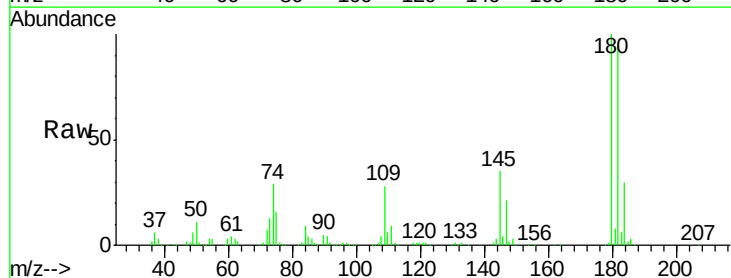


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

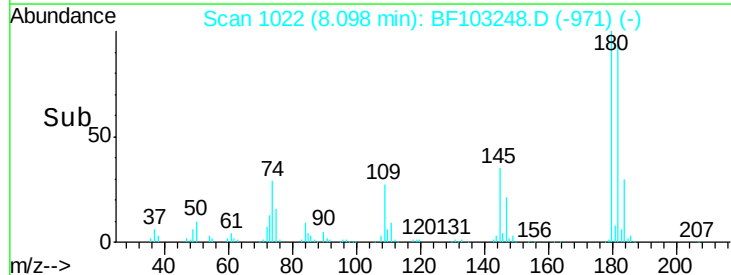
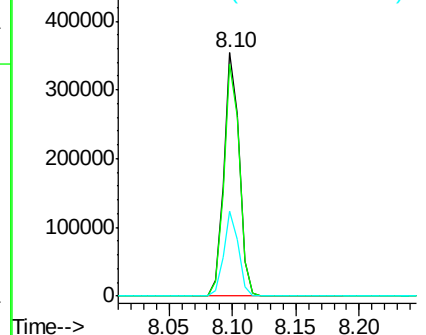


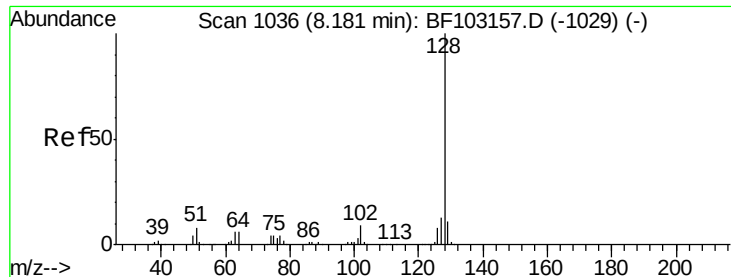
#30
 1,2,4-Trichlorobenzene
 Concen: 38.64 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:180 Resp: 304831
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 35.1 26.5 39.7



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

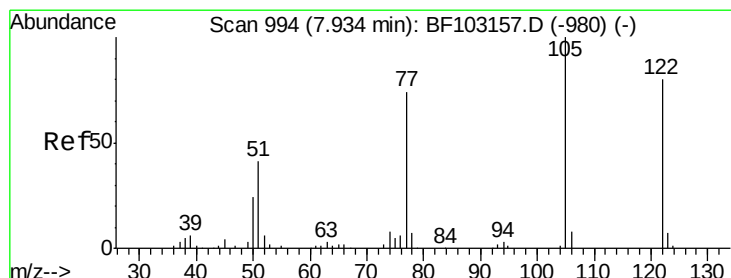
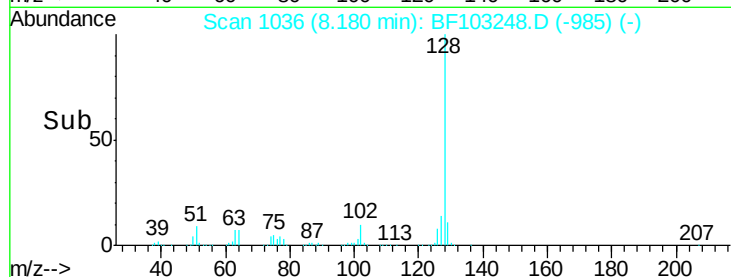
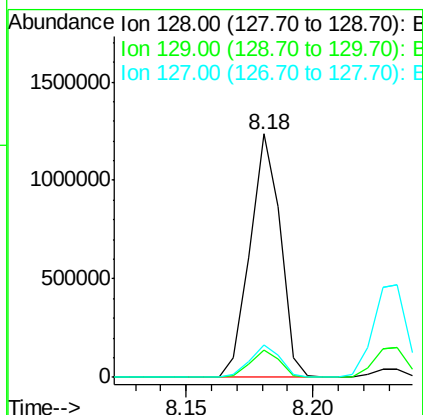
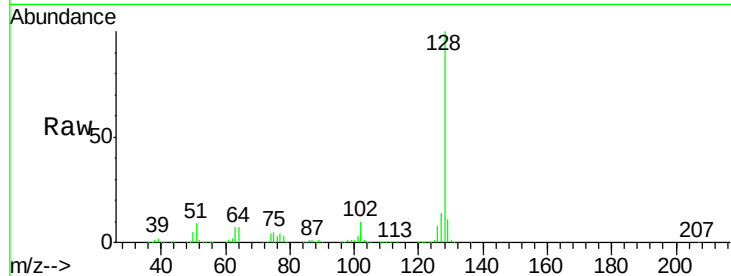




#31
Naphthalene
Concen: 37.90 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

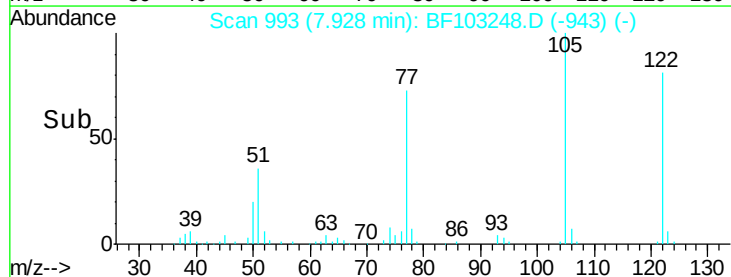
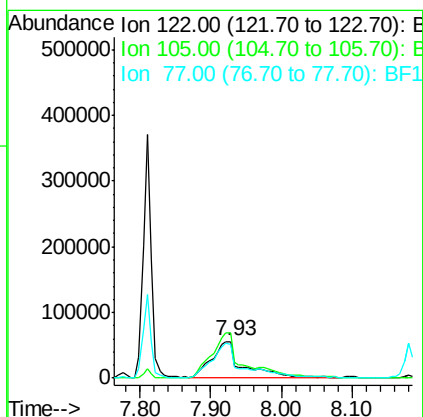
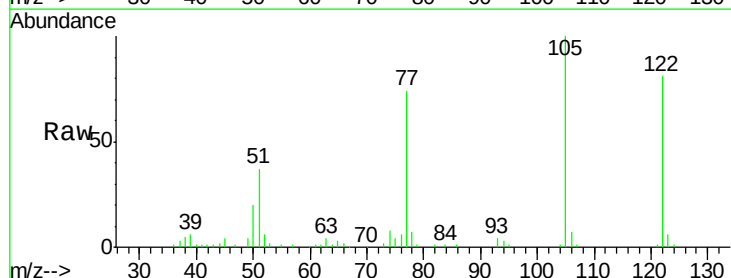
Instrument :
BNA_F
ClientSampleId :

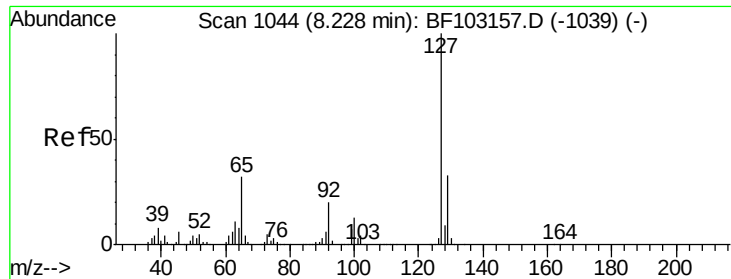
Tot Ion:128 Resp: 1034946
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 30.98 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:122 Resp: 161424
Ion Ratio Lower Upper
122 100
105 123.2 101.1 141.1
77 91.3 70.7 110.7

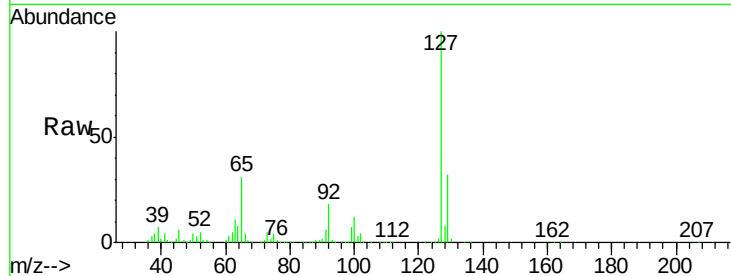




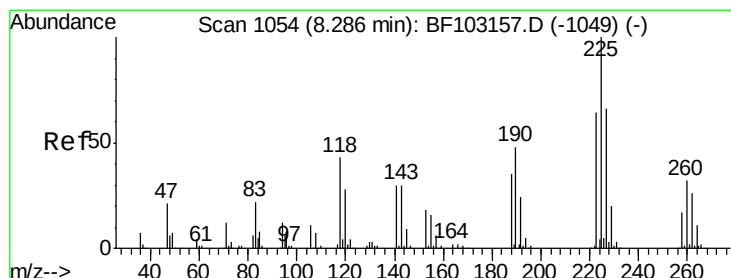
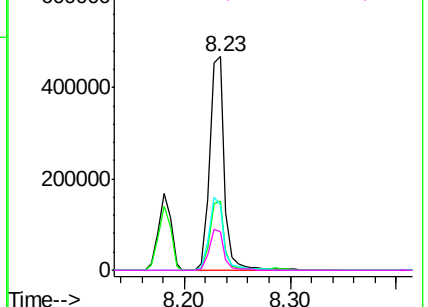
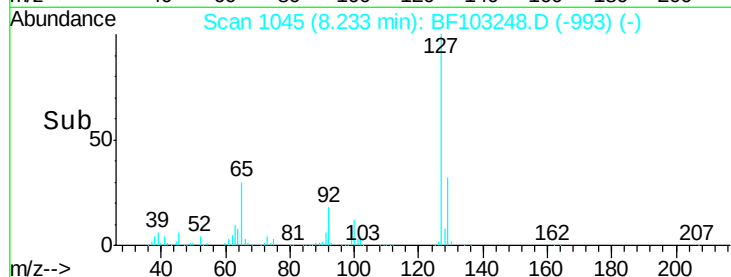
#33
4-Chloroaniline
Concen: 38.81 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	457409
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	30.6	25.0	37.4
92	18.0	15.2	22.8

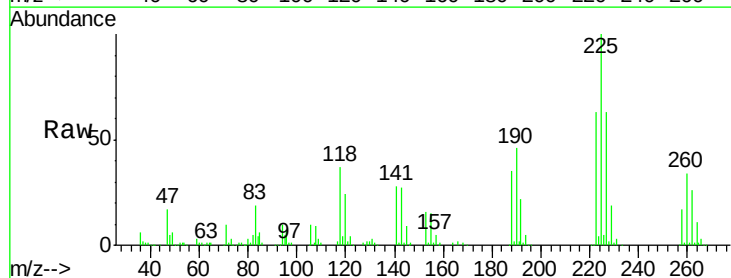


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

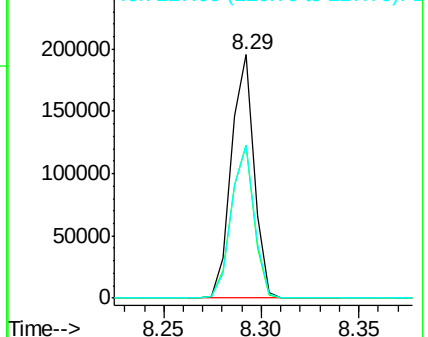
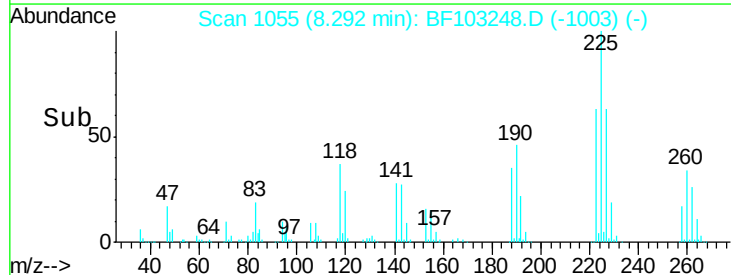


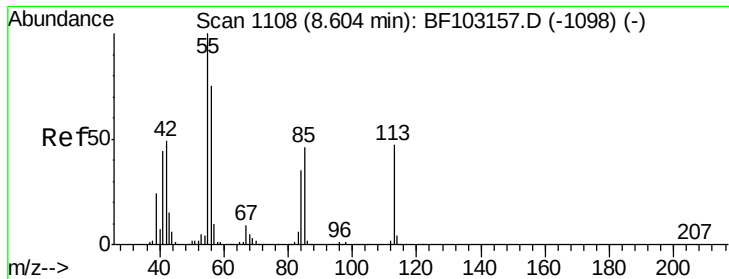
#34
Hexachlorobutadiene
Concen: 38.53 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:	225	Resp:	158282
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	62.8	51.9	77.9



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





#35

Caprolactam

Concen: 38.26 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

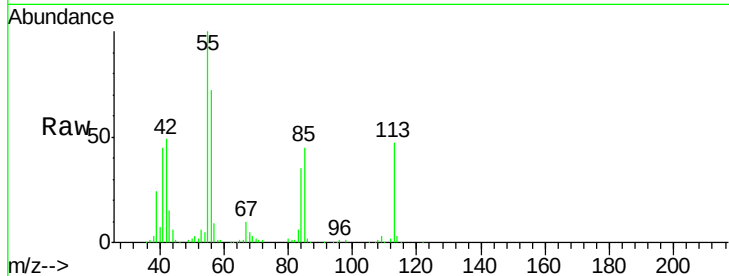
Tot Ion:113 Resp: 99623

Ion Ratio Lower Upper

113 100

55 214.6 163.3 203.3#

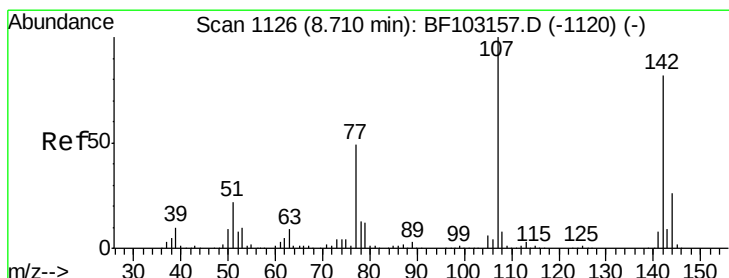
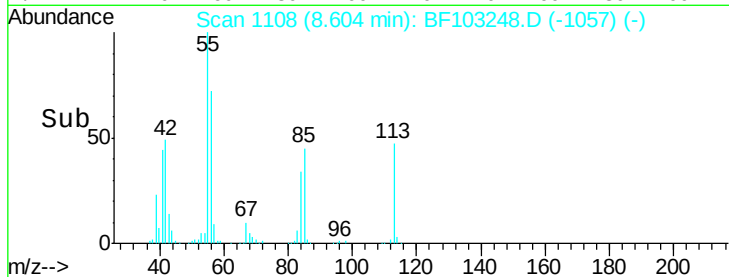
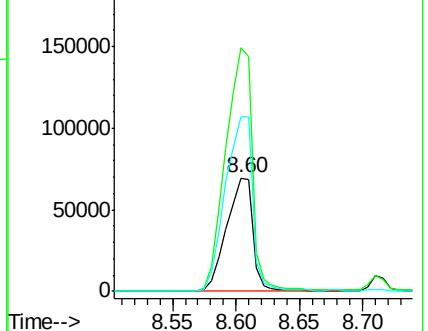
56 153.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.55 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

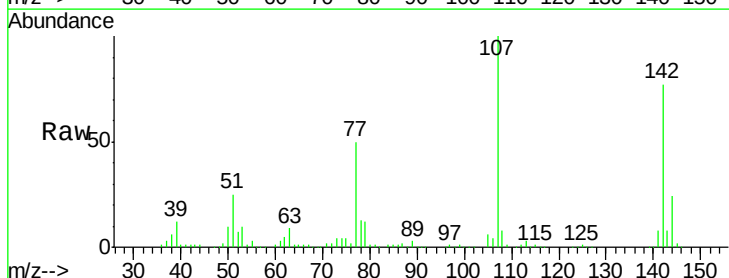
Tgt Ion:107 Resp: 305445

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

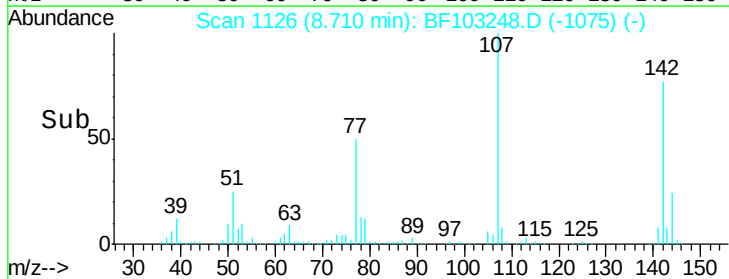
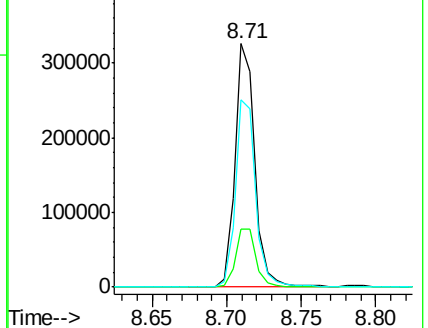
142 76.9 62.0 93.0

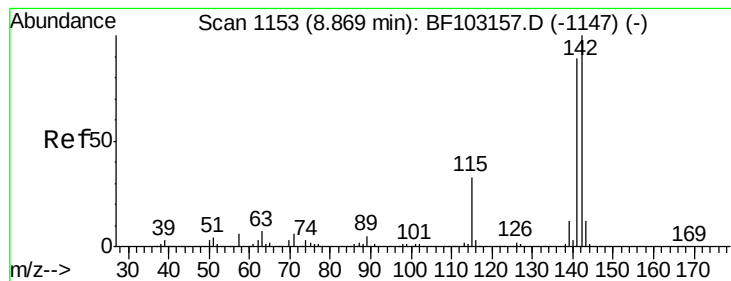


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.02 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampled :

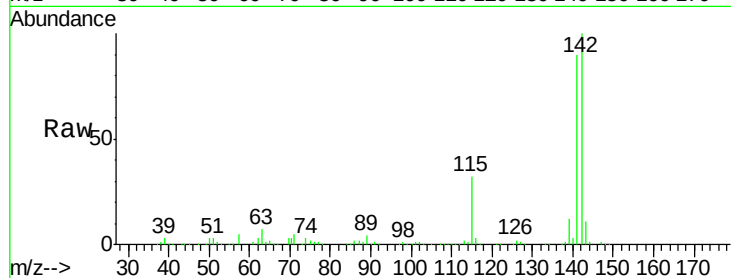
Tot Ion:142 Resp: 653476

Ion Ratio Lower Upper

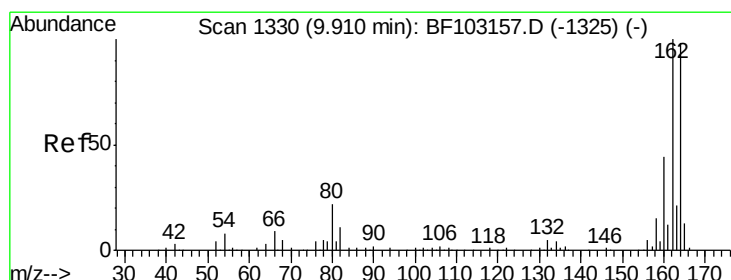
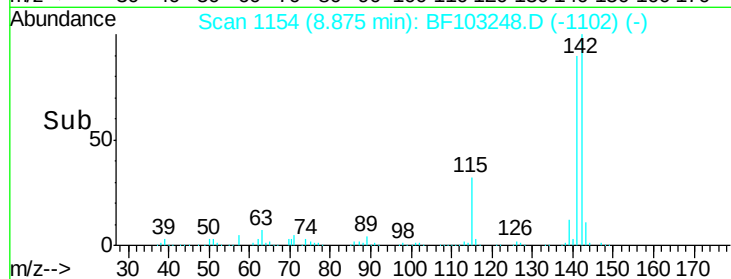
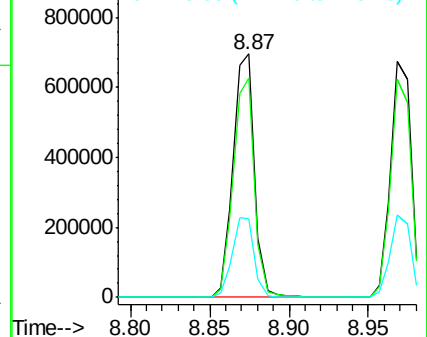
142 100

141 89.9 70.8 106.2

115 32.4 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

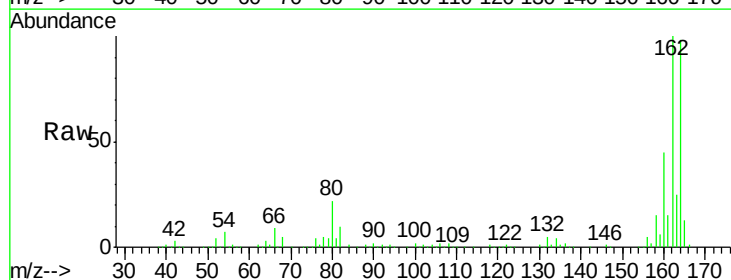
Tgt Ion:164 Resp: 221007

Ion Ratio Lower Upper

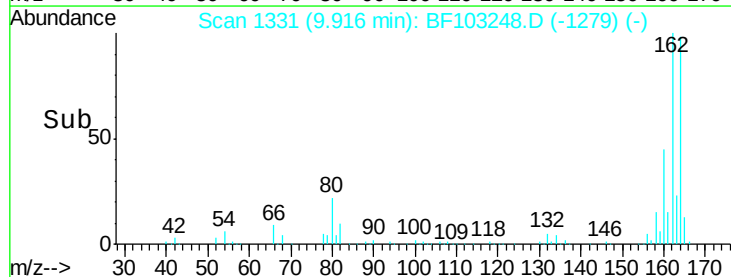
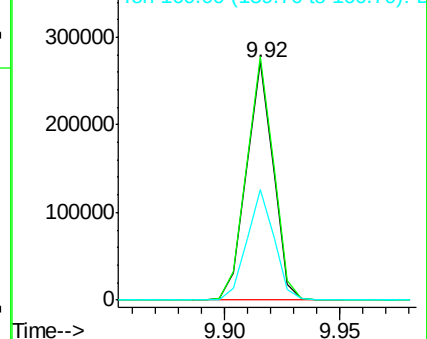
164 100

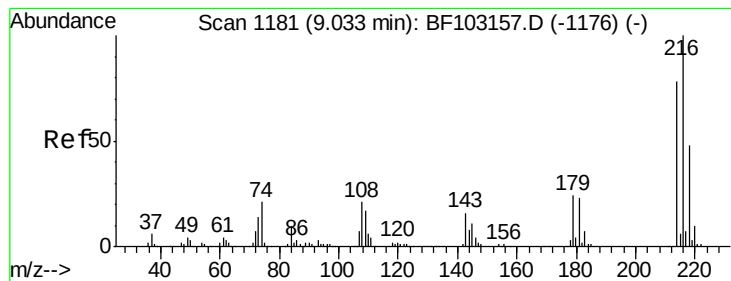
162 102.2 86.1 129.1

160 46.2 38.3 57.5



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

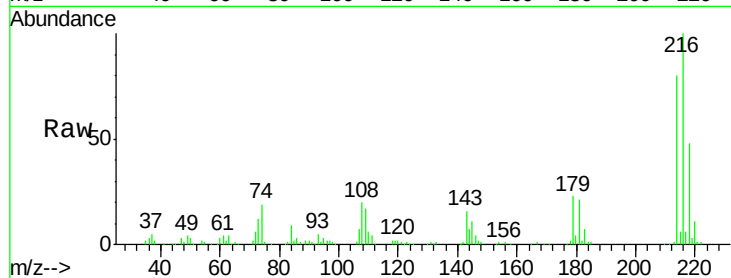




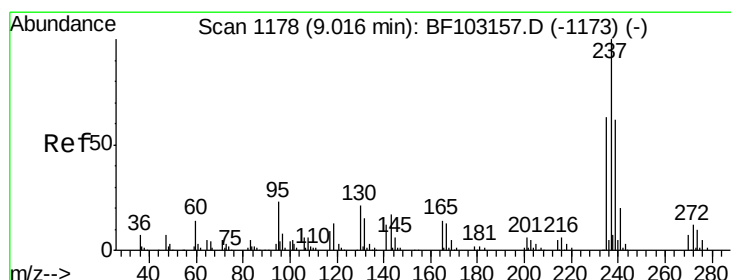
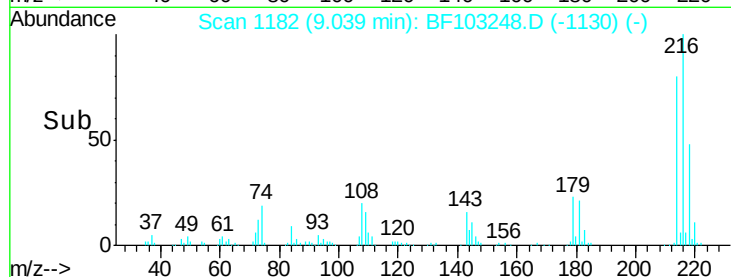
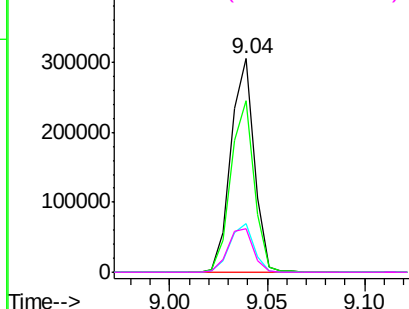
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.12 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	254474
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.4
179	23.4	18.1	27.1
108	22.0	17.2	25.8

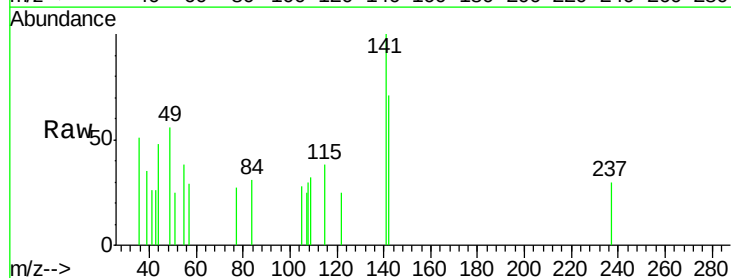


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

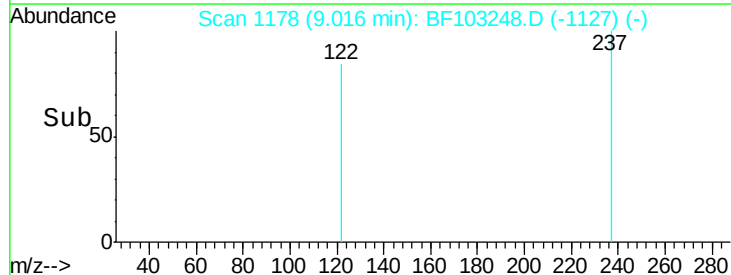
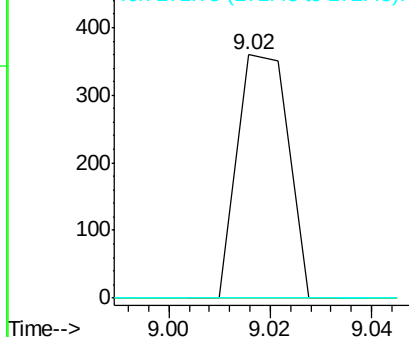


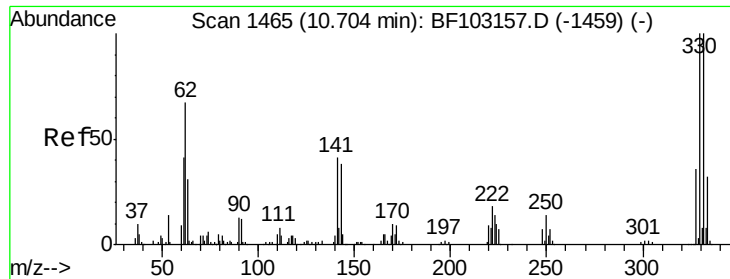
#40
 Hexachlorocyclopentadiene
 Concen: 8.99 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:	237	Resp:	251
Ion	Ratio	Lower	Upper
237	100		
235	0.0	44.8	84.8#
272	0.0	0.0	33.3



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

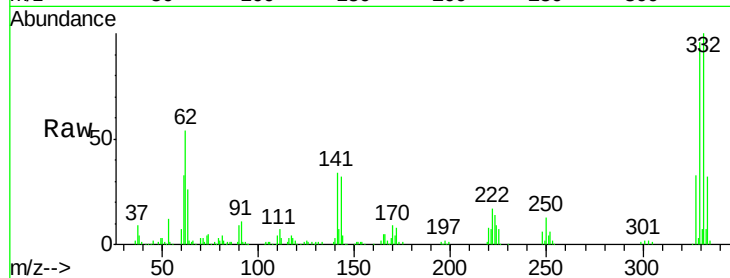




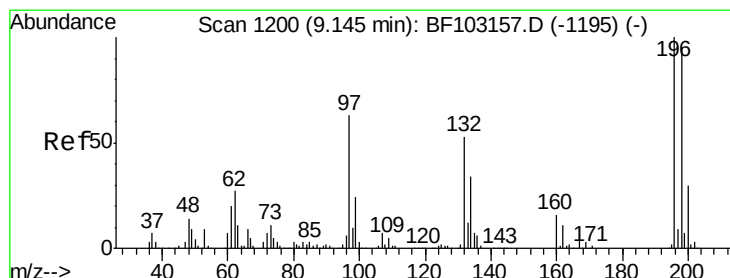
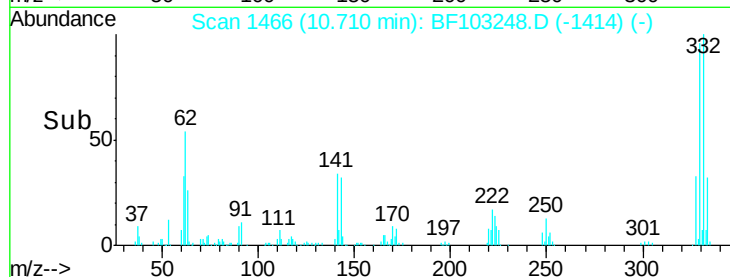
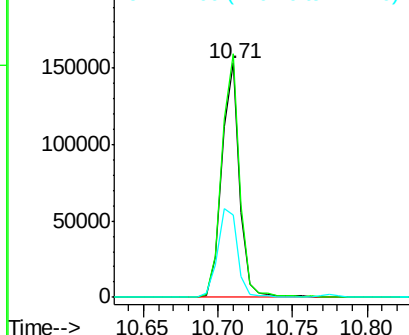
#41
 2,4,6-Tribromophenol
 Concen: 69.33 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 129705
 Ion Ratio Lower Upper
 330 100
 332 105.0 77.0 115.6
 141 42.2 29.9 44.9

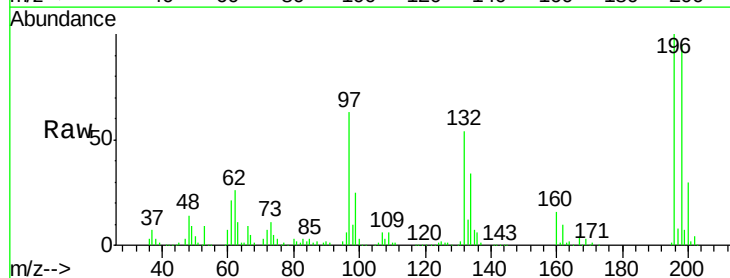


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

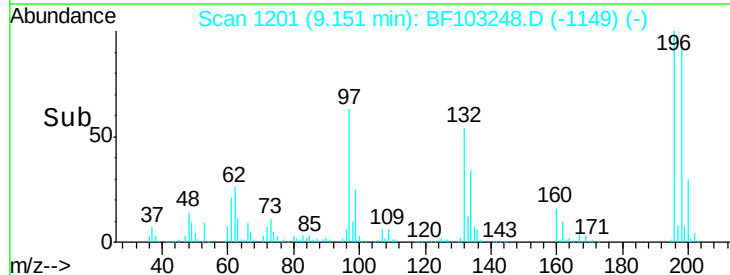
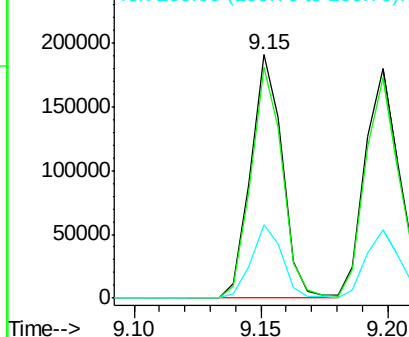


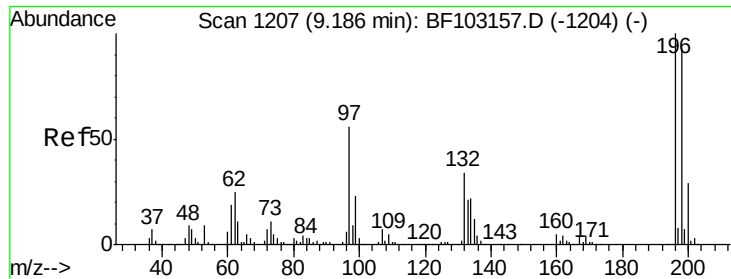
#42
 2,4,6-Trichlorophenol
 Concen: 40.93 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:196 Resp: 166400
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.3 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

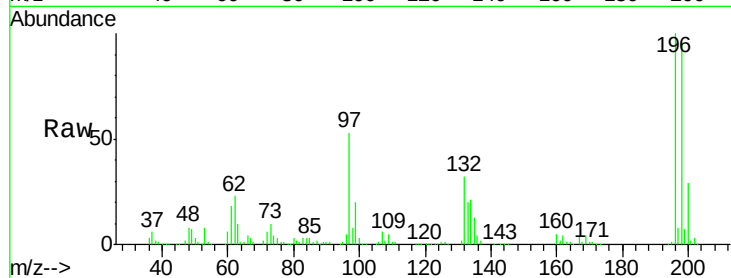




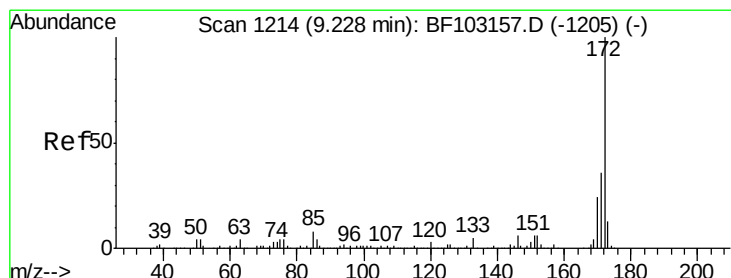
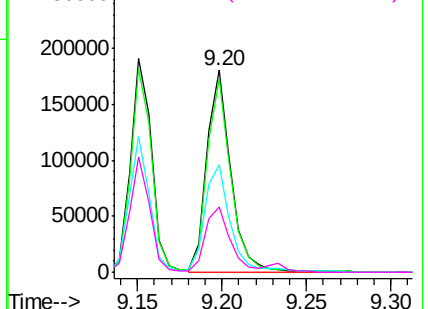
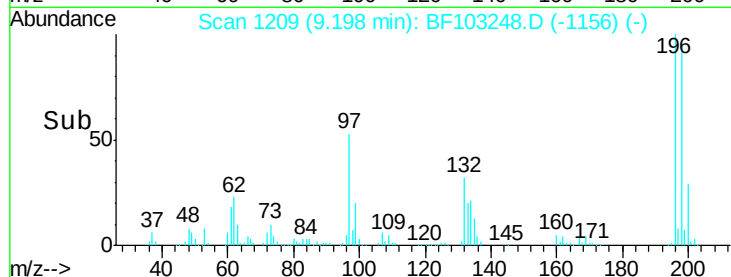
#43
 2,4,5-Trichlorophenol
 Concen: 38.22 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 178725
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.6 112.0
 97 53.3 42.9 64.3
 132 32.4 26.3 39.5

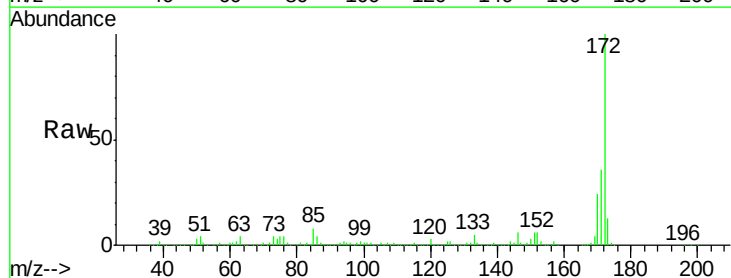


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

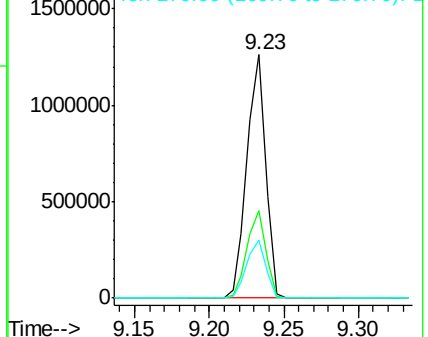
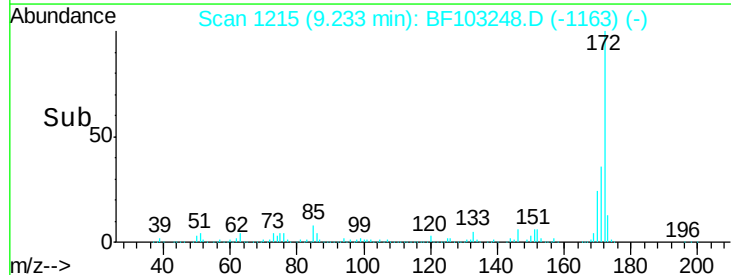


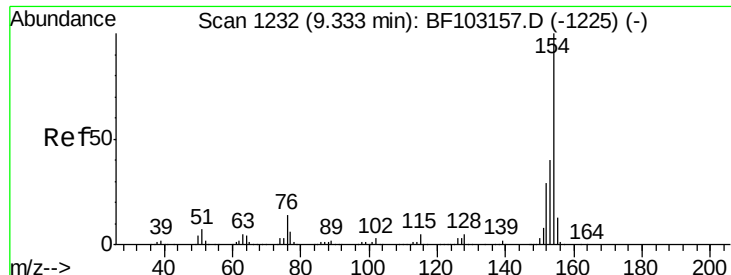
#44
 2-Fluorobiphenyl
 Concen: 86.63 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:172 Resp: 1106564
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4



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

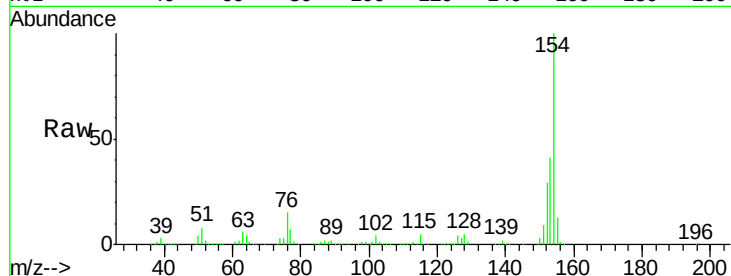




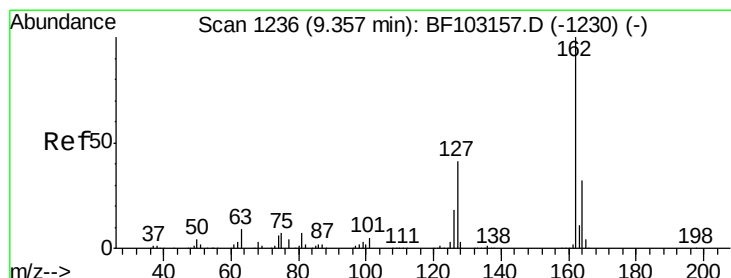
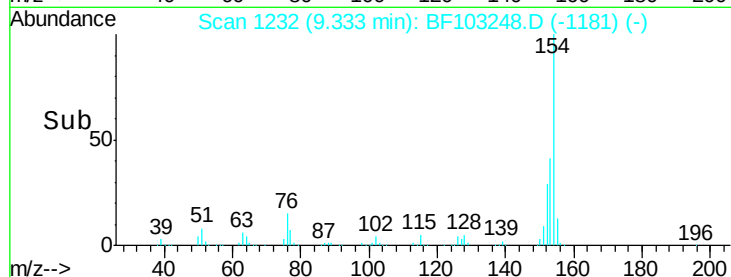
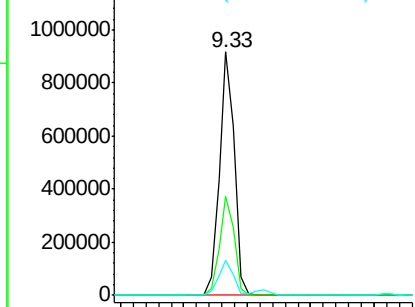
#45
 1,1'-Biphenyl
 Concen: 40.92 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.6	0.0	34.0

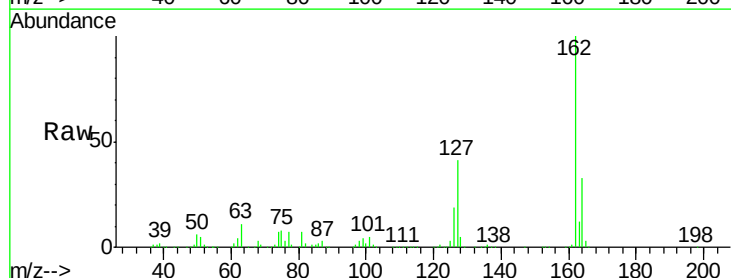


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

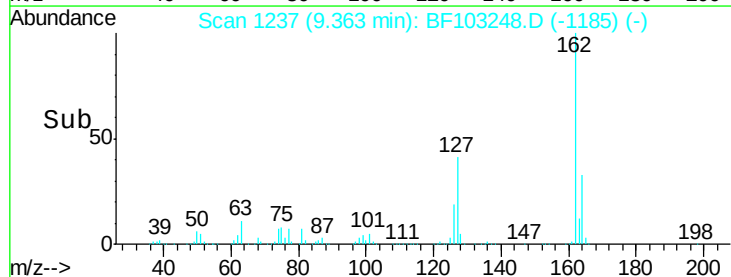
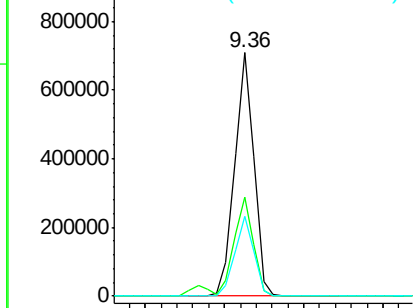


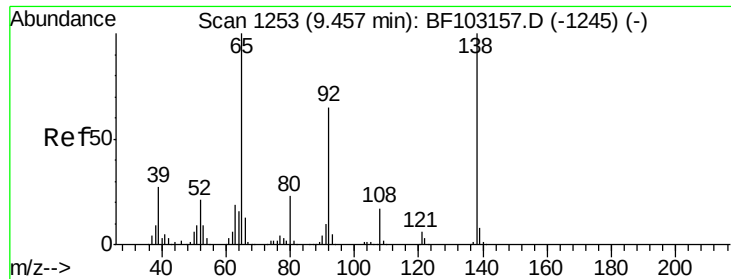
#46
 2-Chloronaphthalene
 Concen: 40.68 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	32.9	26.5	39.7



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





#47

2-Nitroaniline

Concen: 44.68 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

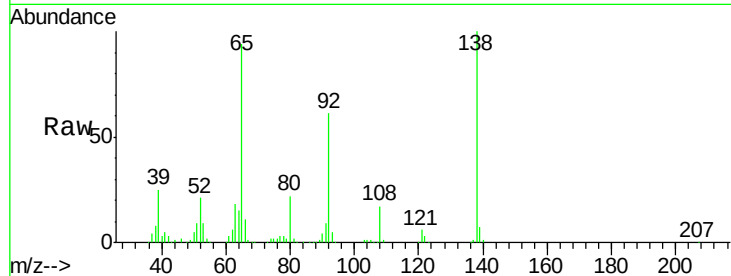
Tot Ion: 65 Resp: 242463

Ion Ratio Lower Upper

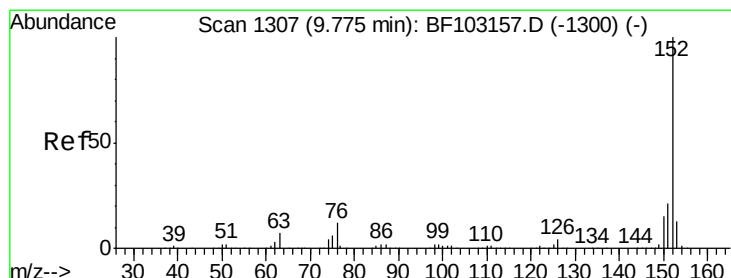
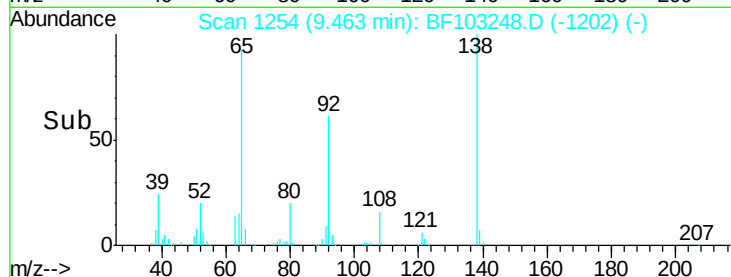
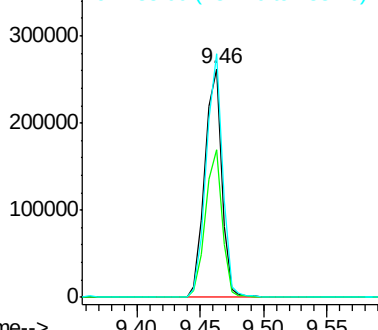
65 100

92 64.4 55.8 83.6

138 106.5 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: 39.22 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

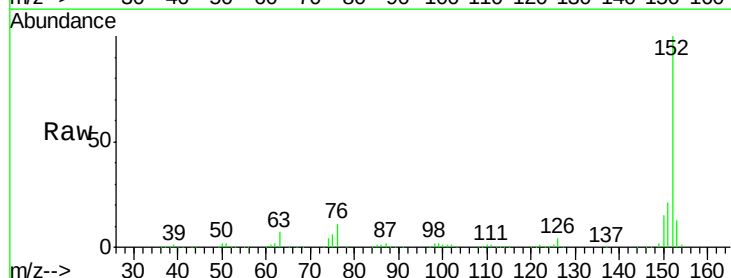
Tgt Ion: 152 Resp: 884008

Ion Ratio Lower Upper

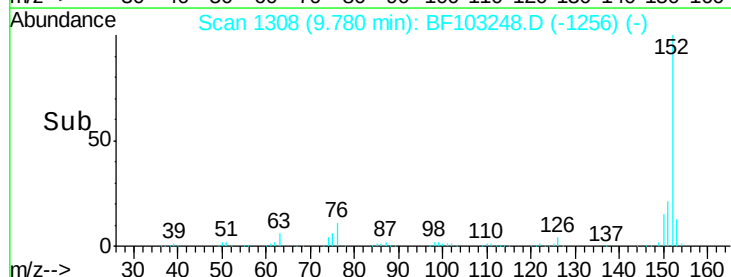
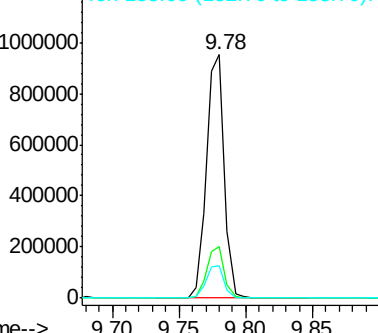
152 100

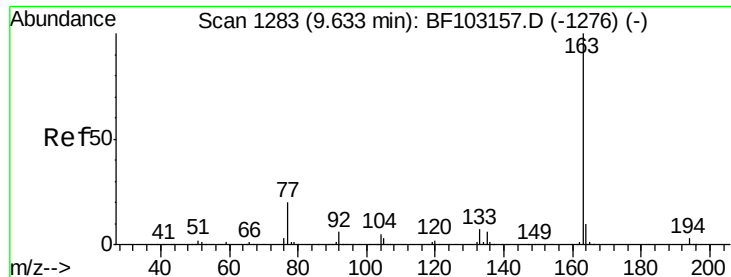
151 21.1 16.3 24.5

153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

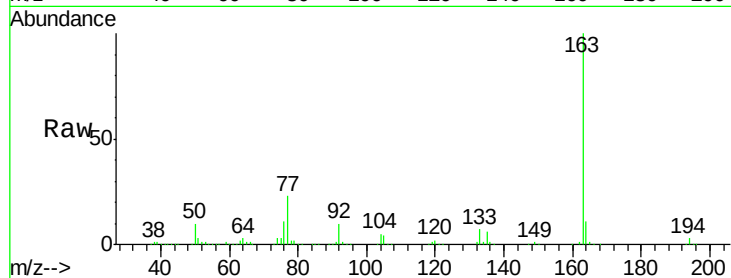




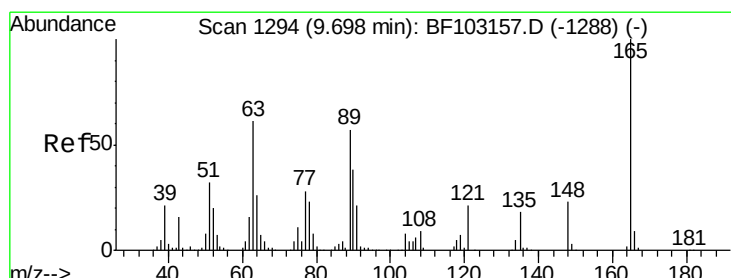
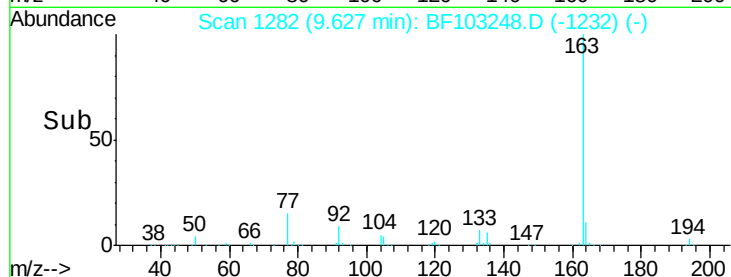
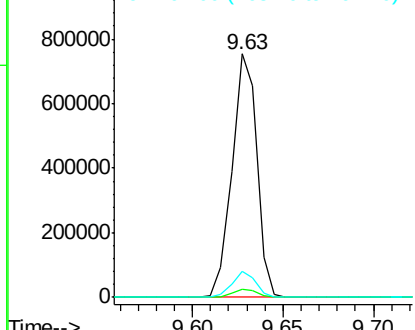
#49
Dimethylphthalate
Concen: 40.55 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 718862
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.7 8.2 12.2

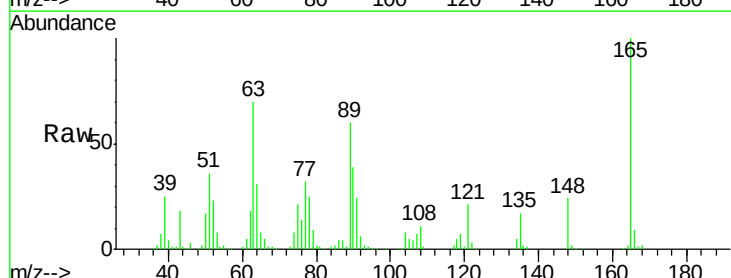


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

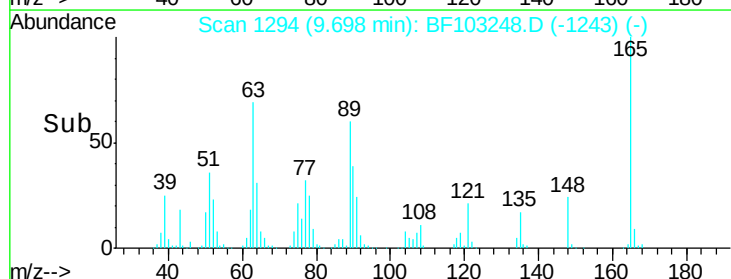
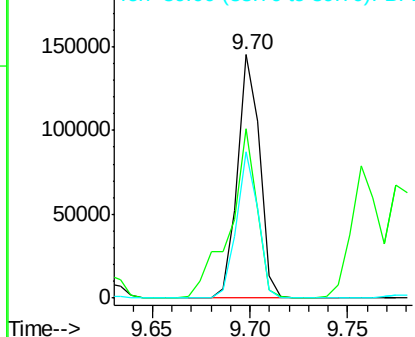


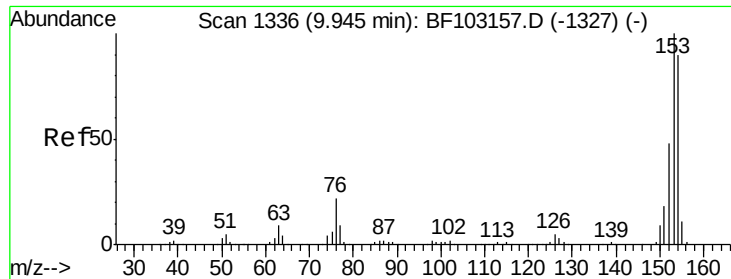
#50
2,6-Dinitrotoluene
Concen: 30.83 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:165 Resp: 114698
Ion Ratio Lower Upper
165 100
63 69.8 44.7 67.1#
89 59.9 44.0 66.0



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





#51

Acenaphthene

Concen: 38.43 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

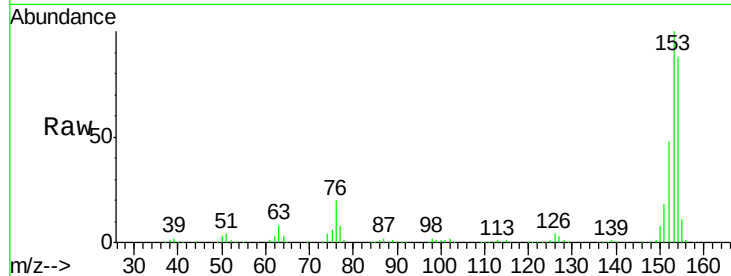
Tot Ion:154 Resp: 505185

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

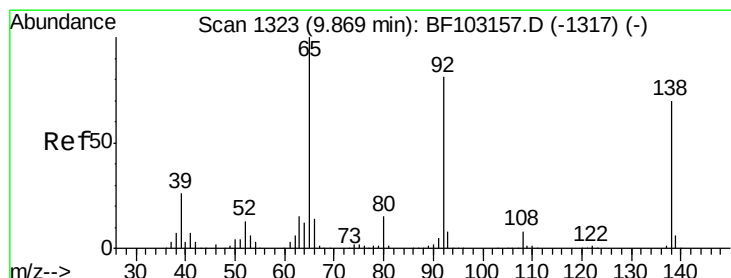
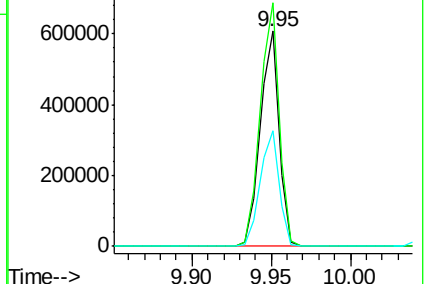
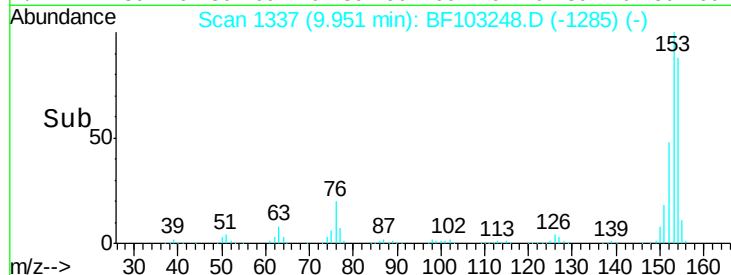
152 53.7 43.8 65.8



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: 44.63 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

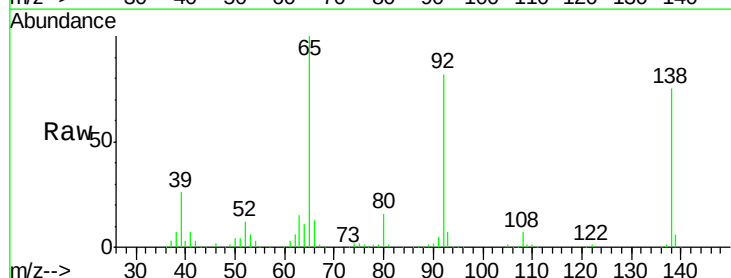
Tgt Ion:138 Resp: 210668

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

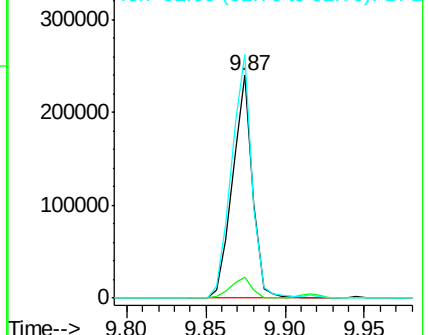
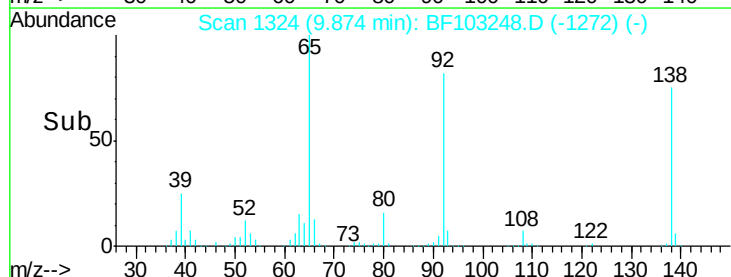
92 109.2 89.4 134.2

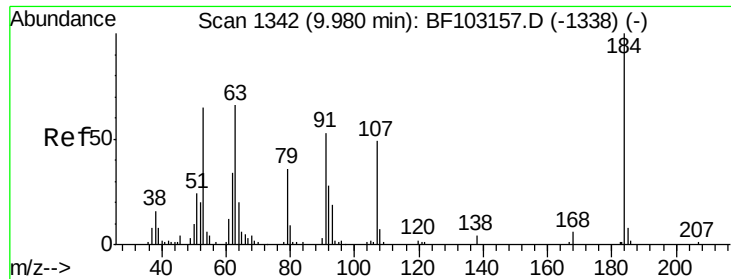


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

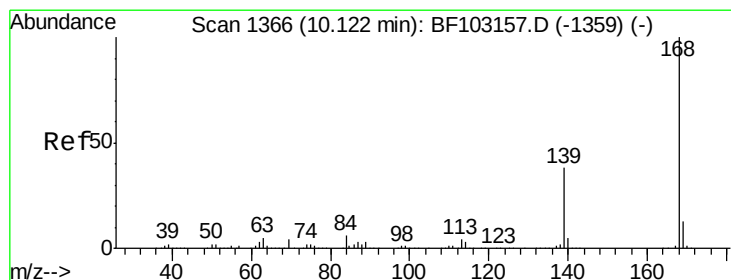
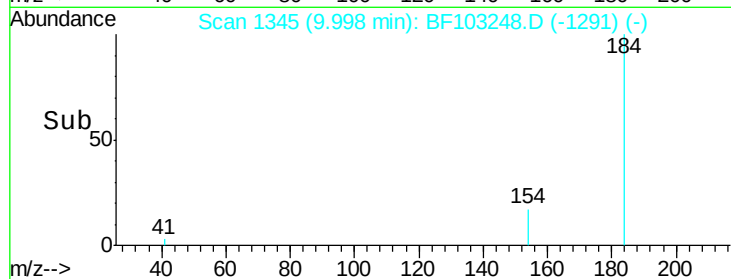
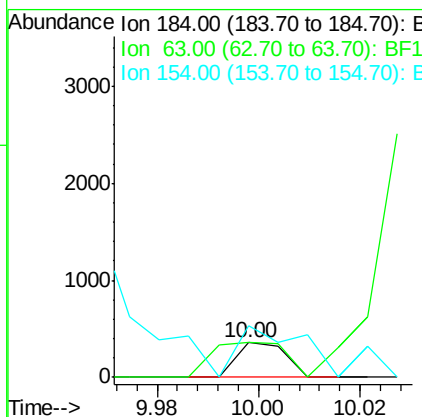
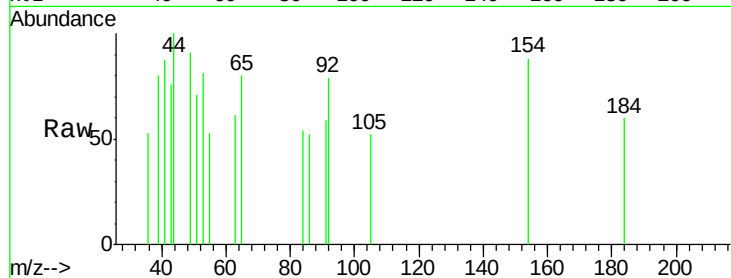




#53
2,4-Dinitrophenol
Concen: 9.78 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

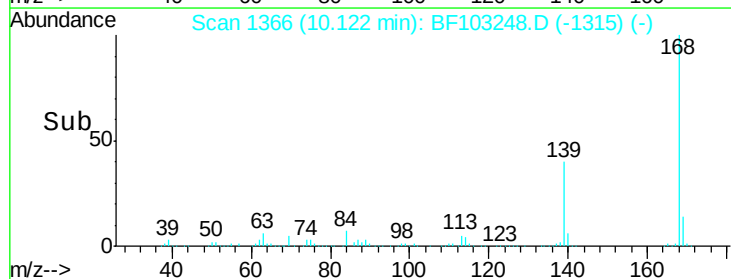
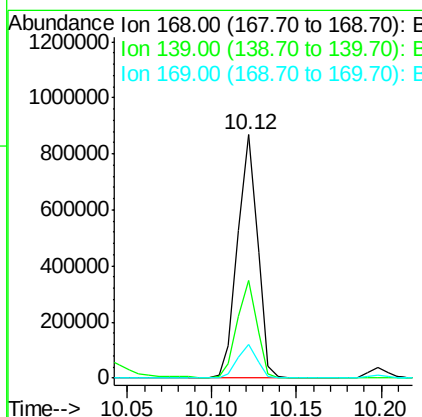
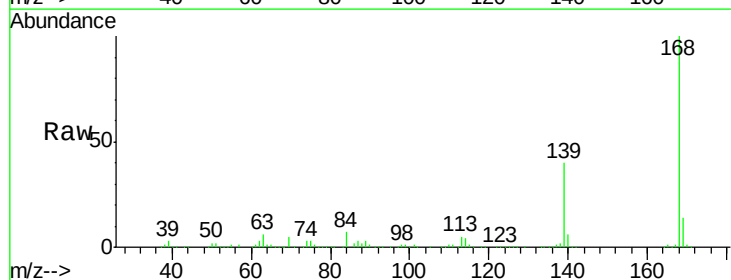
Instrument :
BNA_F
ClientSampleId :

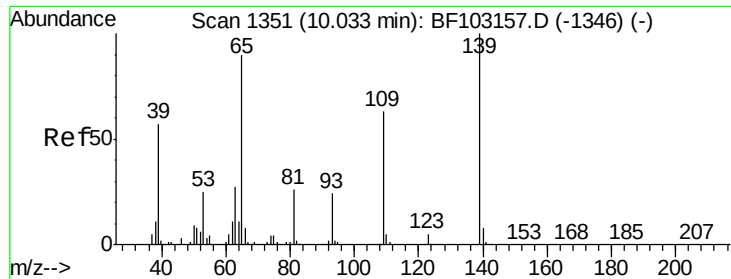
Tot Ion:184 Resp: 240
Ion Ratio Lower Upper
184 100
63 101.7 54.2 81.2#
154 146.9 184.0 276.0#



#54
Dibenzofuran
Concen: 39.65 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:168 Resp: 715450
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1
169 13.8 10.9 16.3

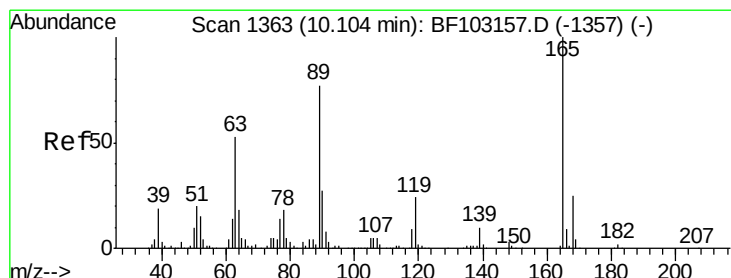
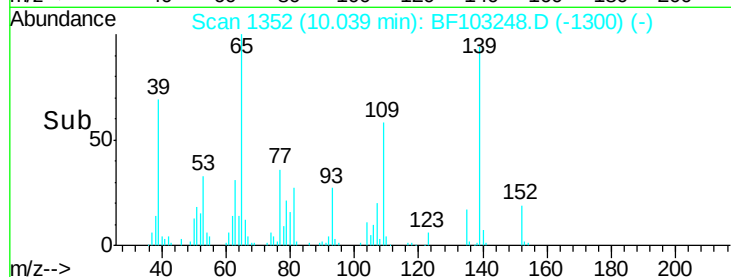
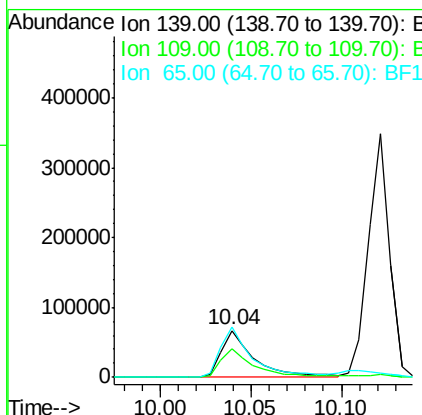
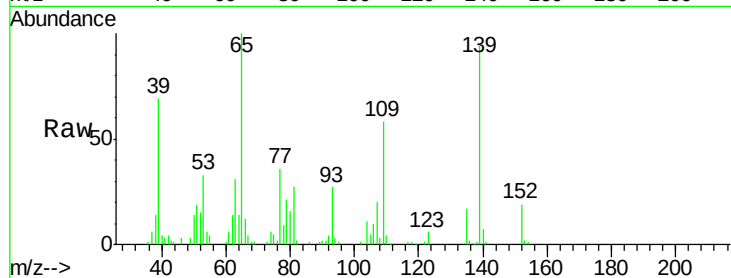




#55
4-Nitrophenol
Concen: 28.47 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

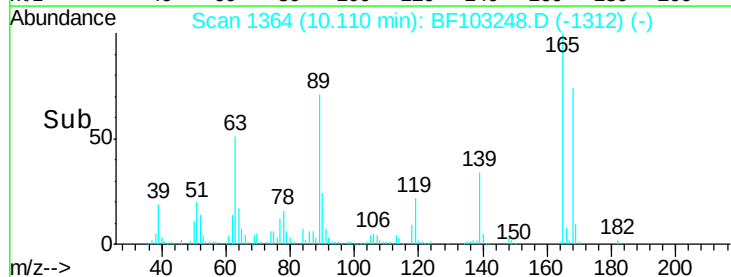
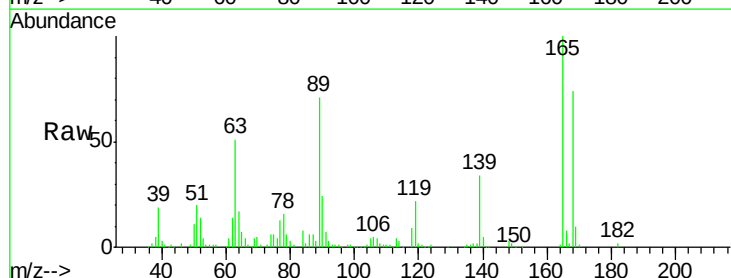
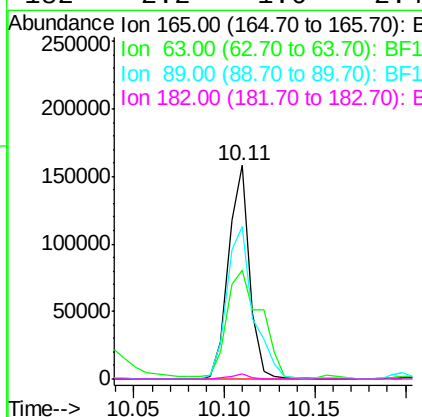
Instrument :
BNA_F
ClientSampleId :

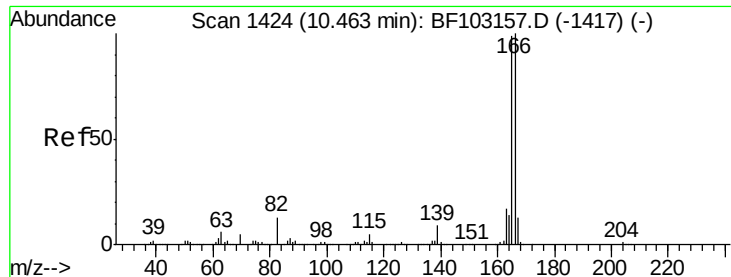
Tot Ion	Ratio	Lower	Upper
139	100		
109	61.0	48.4	88.4
65	105.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 27.26 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	36.4	54.6
89	71.5	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 35.73 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

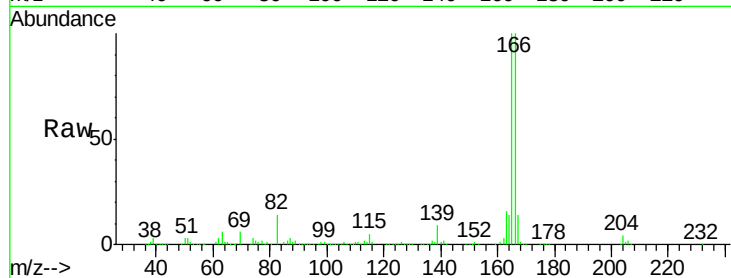
Tot Ion:166 Resp: 549215

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

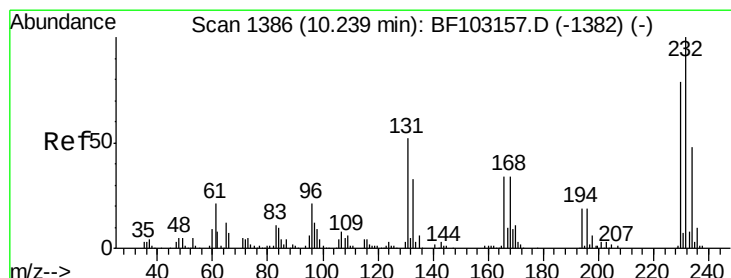
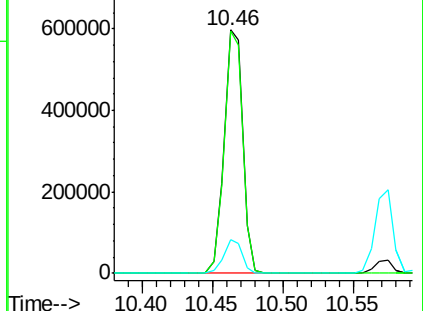
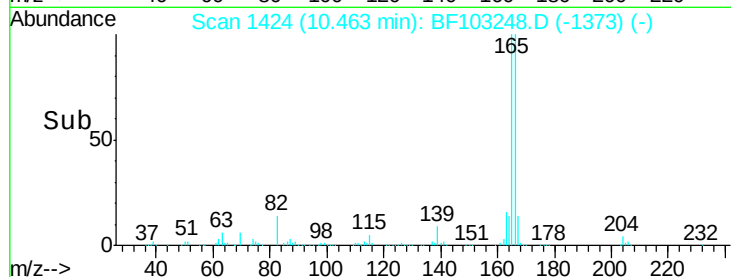
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.82 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Tgt Ion:232 Resp: 112517

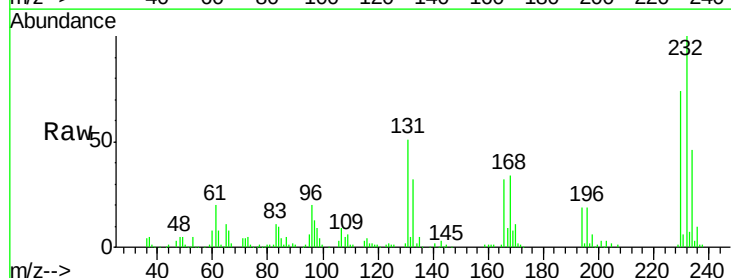
Ion Ratio Lower Upper

232 100

131 58.4 43.8 65.8

130 2.5 2.1 3.1

166 36.4 27.8 41.6

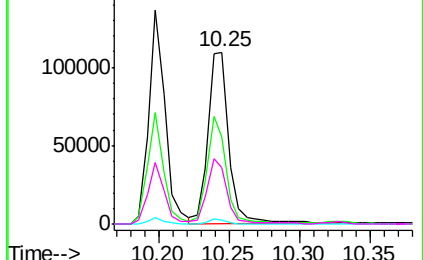
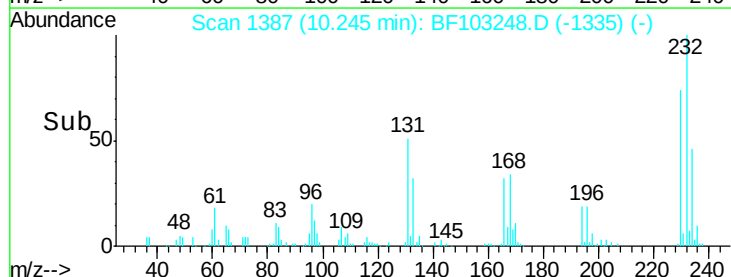


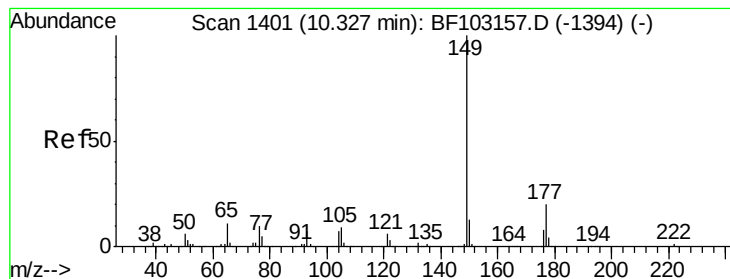
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.80 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampled :

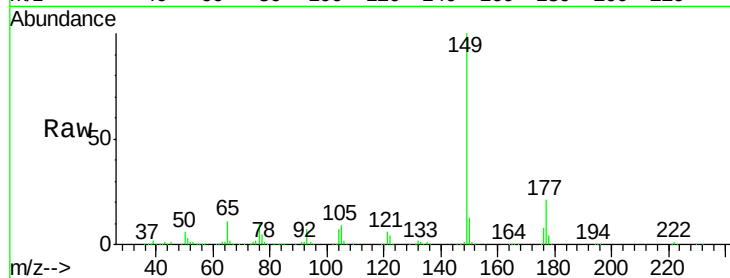
Tot Ion:149 Resp: 674957

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

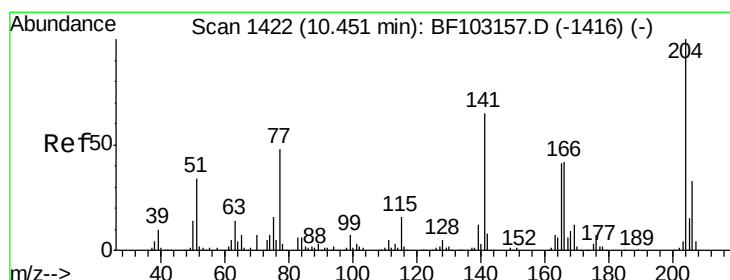
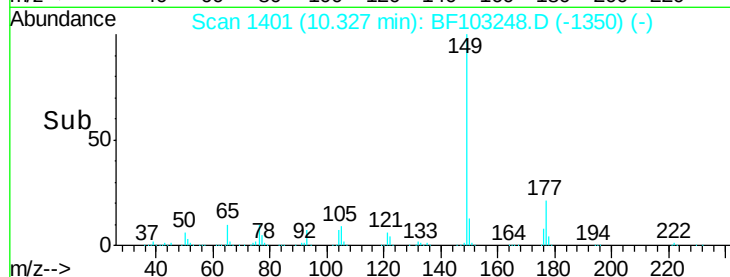
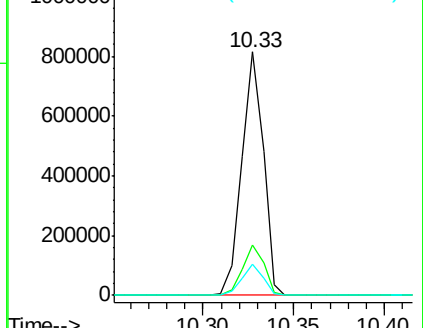
150 12.6 10.1 15.1



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: 39.02 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

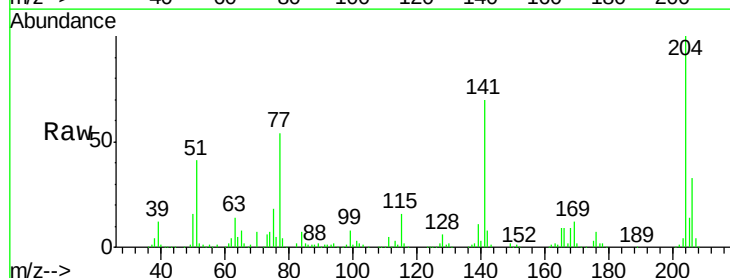
Tgt Ion:204 Resp: 254334

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

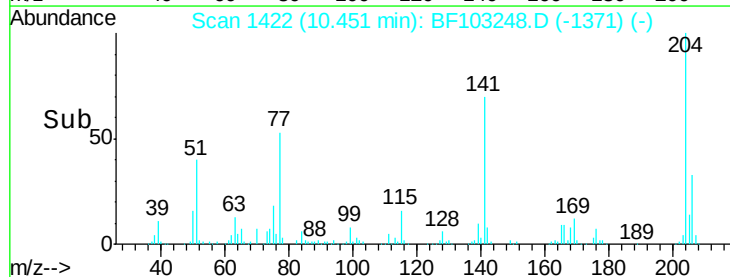
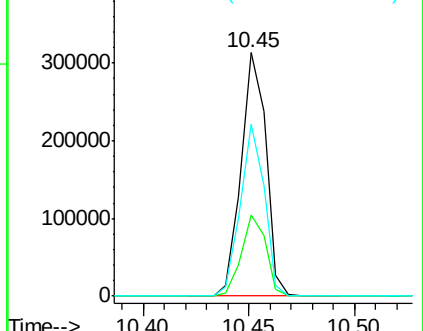
141 70.4 54.6 81.8

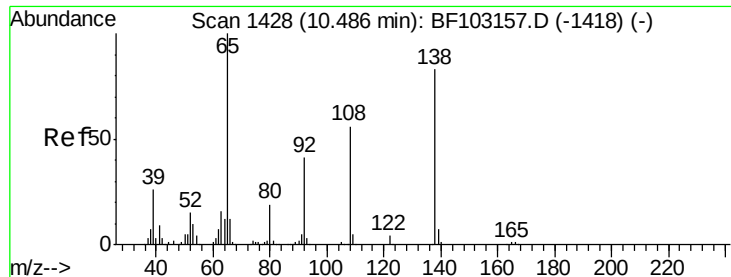


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

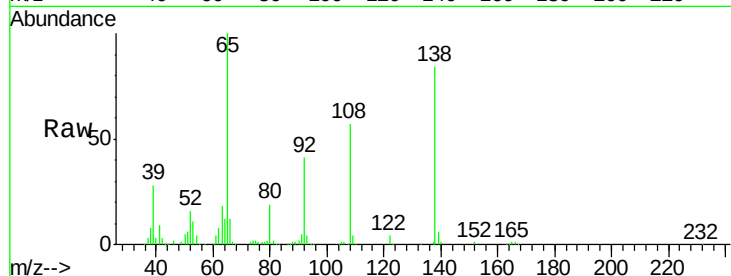




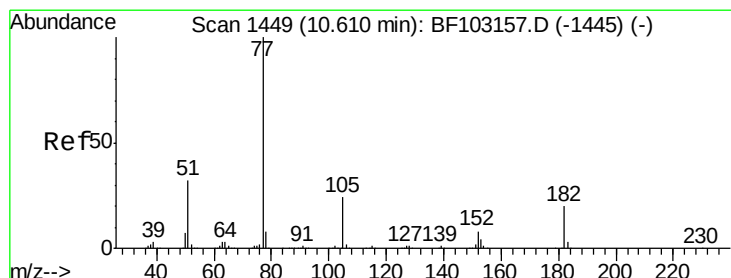
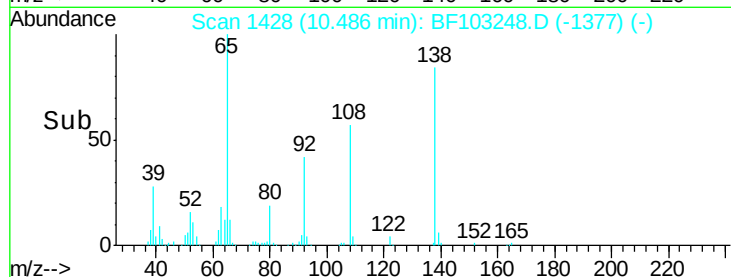
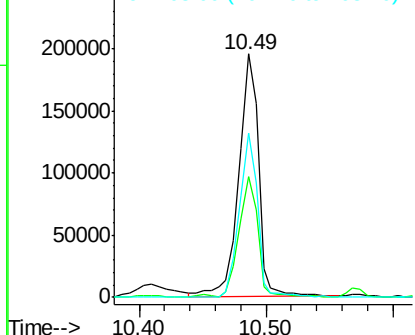
#61
4-Nitroaniline
Concen: 44.05 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 207710
Ion Ratio Lower Upper
138 100
92 49.5 30.2 70.2
108 67.7 52.5 92.5

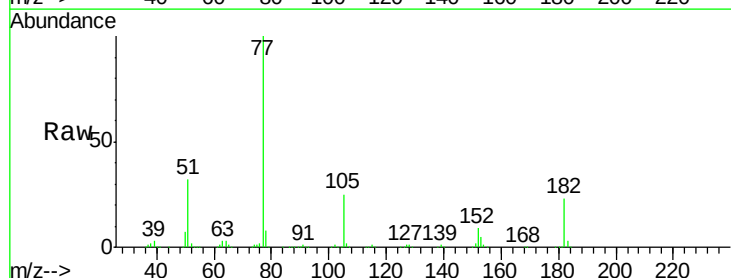


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

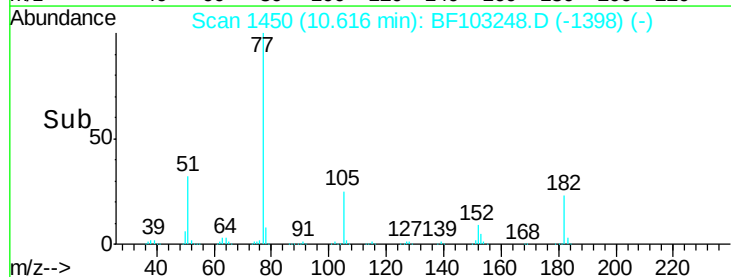
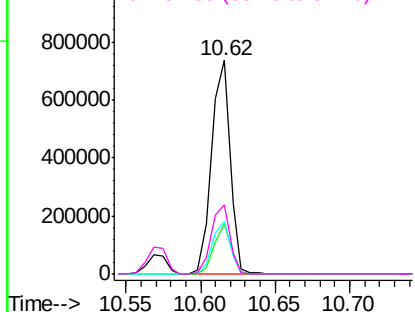


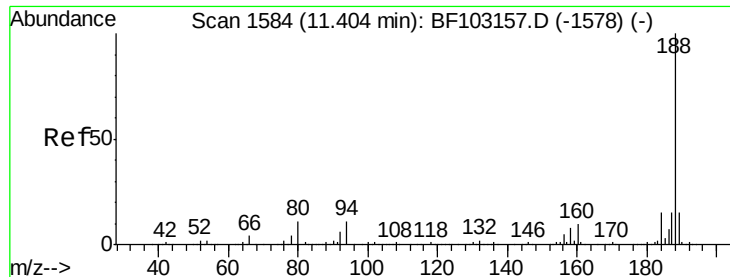
#62
Azobenzene
Concen: 36.69 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion: 77 Resp: 633199
Ion Ratio Lower Upper
77 100
182 23.2 1.7 41.7
105 24.8 3.0 43.0
51 32.4 9.9 49.9



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

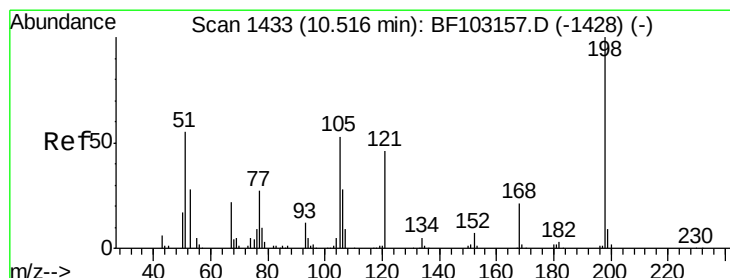
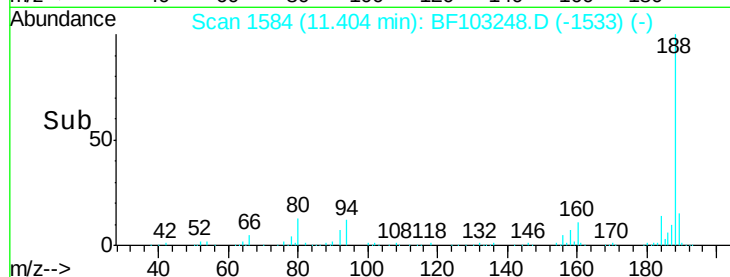
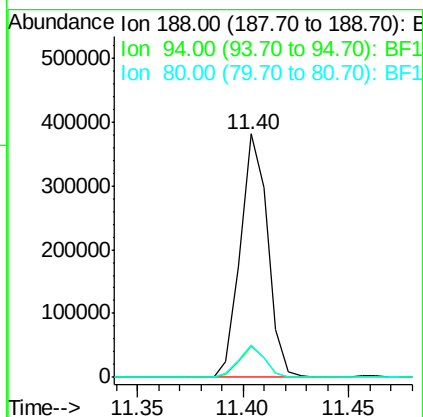
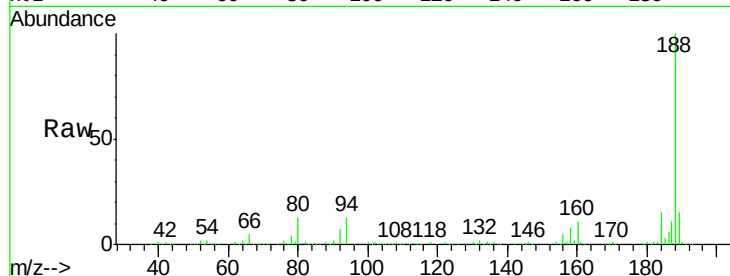




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

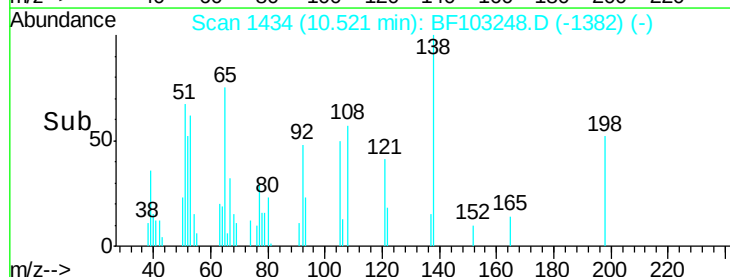
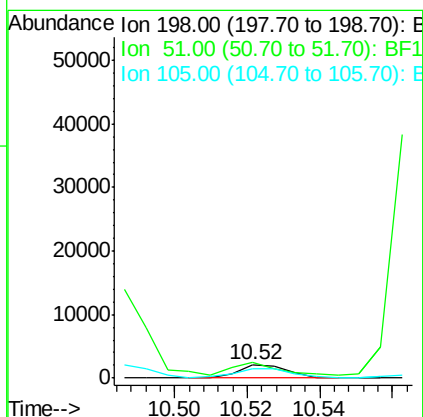
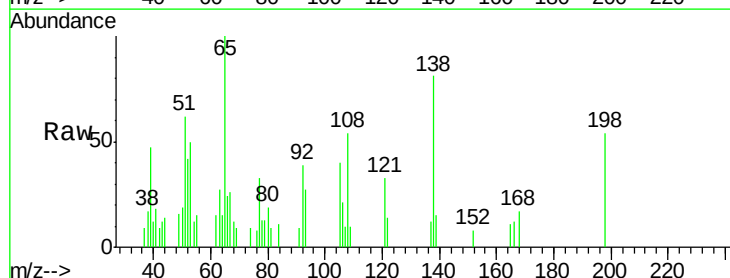
Instrument :
 BNA_F
 ClientSampled :

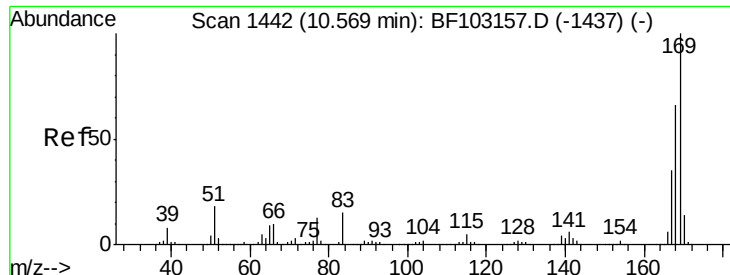
Tot Ion:188 Resp: 340515
 Ion Ratio Lower Upper
 188 100
 94 12.6 8.5 12.7
 80 13.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.80 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:198 Resp: 1965
 Ion Ratio Lower Upper
 198 100
 51 115.5 37.7 77.7#
 105 74.5 36.3 76.3

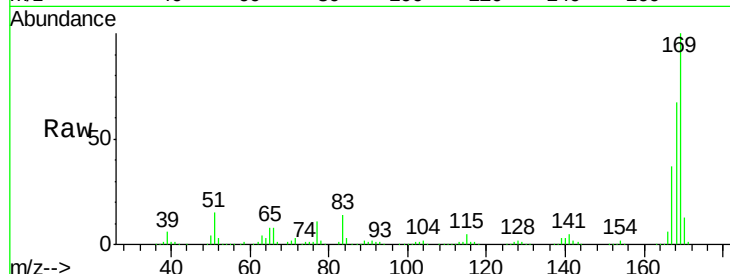




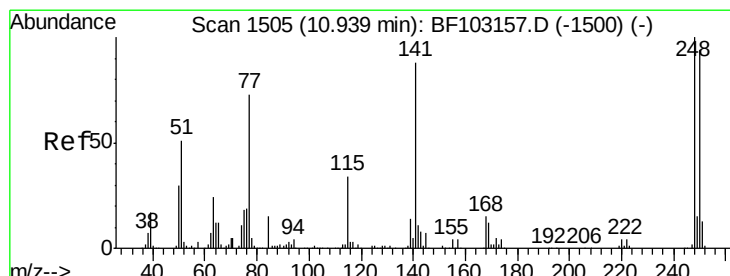
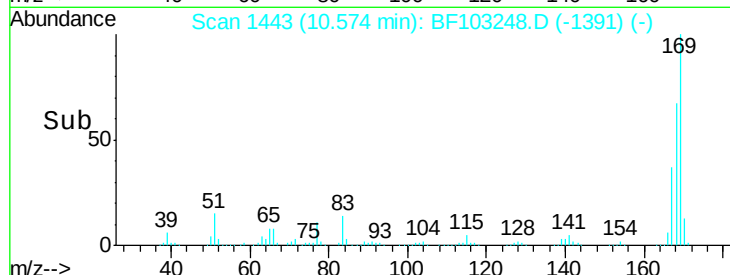
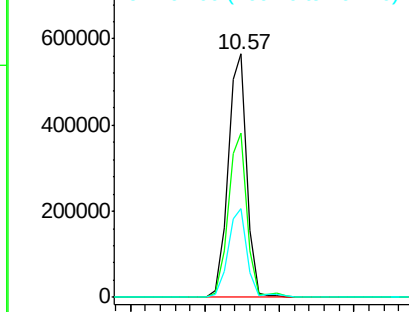
#65
n-Nitrosodiphenylamine
Concen: 42.39 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 502557
Ion Ratio Lower Upper
169 100
168 67.4 54.4 81.6
167 36.5 29.8 44.6

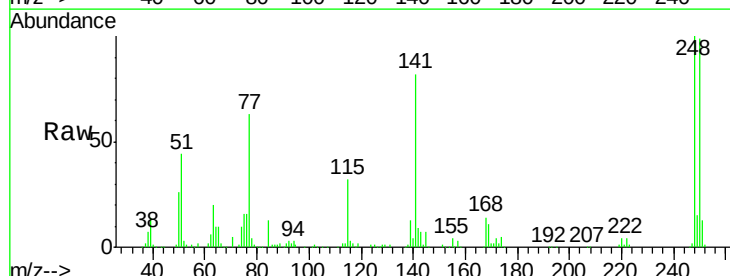


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

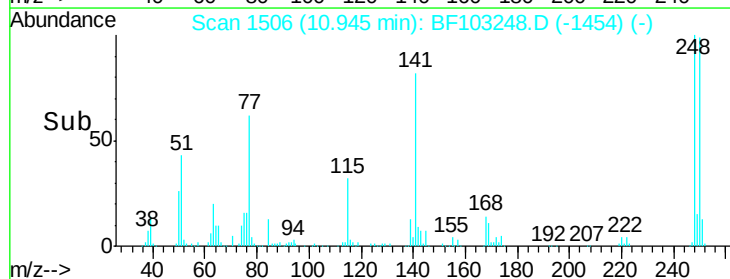
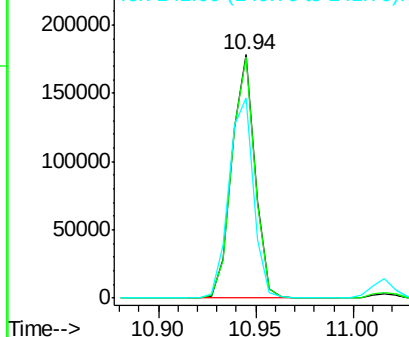


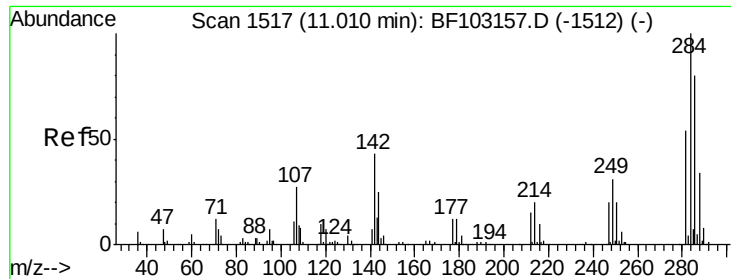
#66
4-Bromophenyl-phenylether
Concen: 41.18 ng
RT: 10.94 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:248 Resp: 146055
Ion Ratio Lower Upper
248 100
250 99.0 76.9 115.3
141 82.0 74.4 111.6



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





#67

Hexachlorobenzene

Concen: 39.67 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

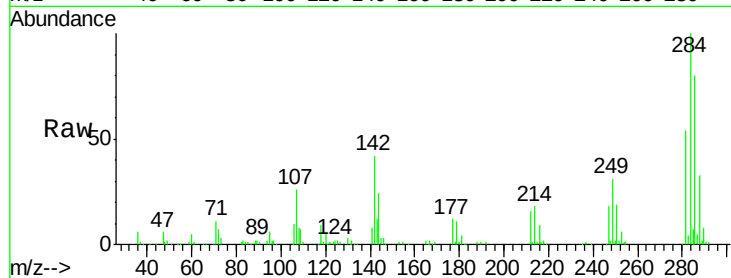
Tot Ion:284 Resp: 152731

Ion Ratio Lower Upper

284 100

142 41.6 34.6 52.0

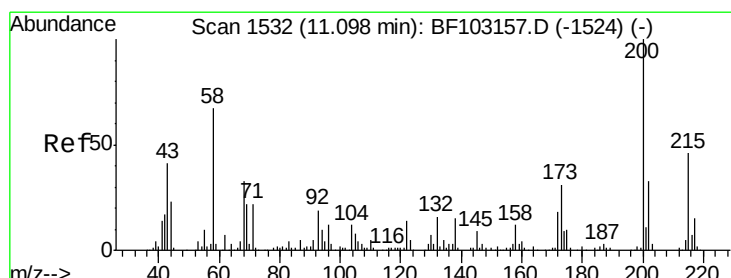
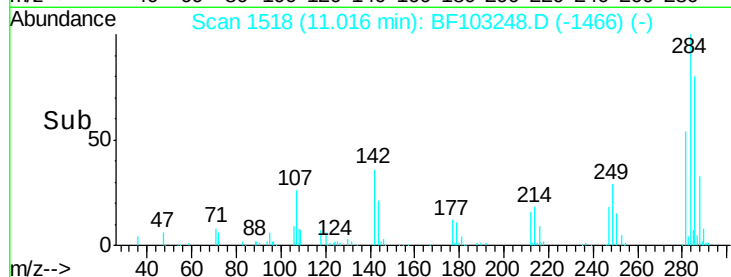
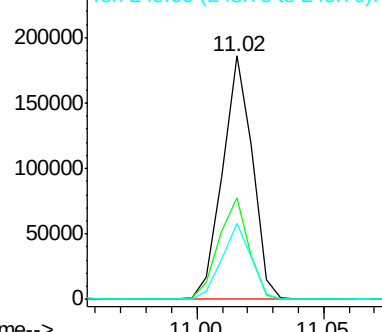
249 31.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.00 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

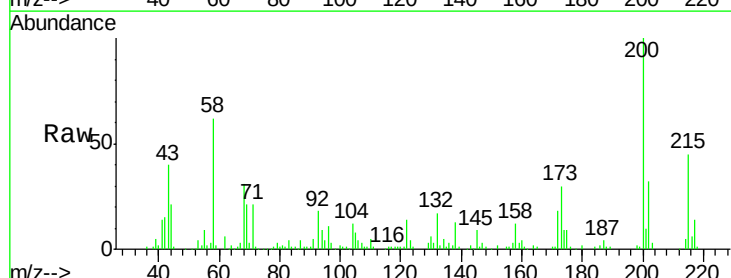
Tgt Ion:200 Resp: 99779

Ion Ratio Lower Upper

200 100

173 29.5 8.6 48.6

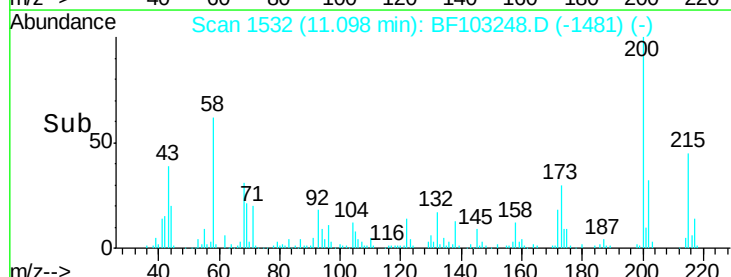
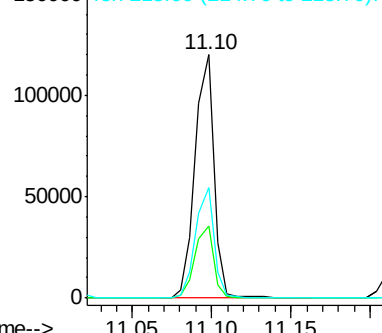
215 45.3 25.1 65.1

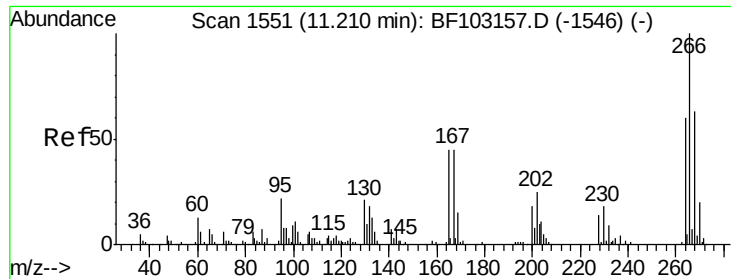


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 31.33 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

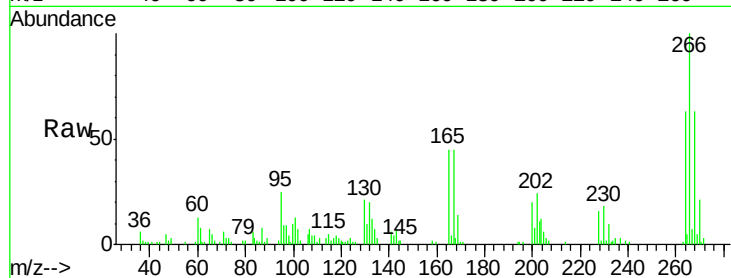
Tot Ion:266 Resp: 58328

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

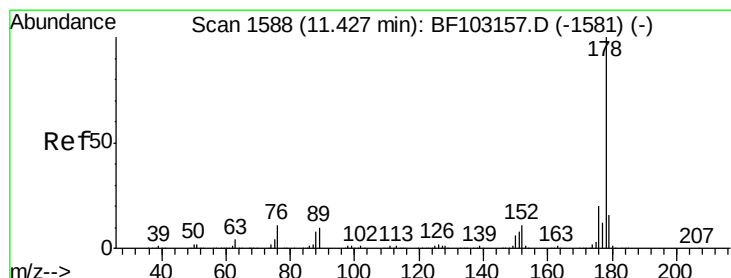
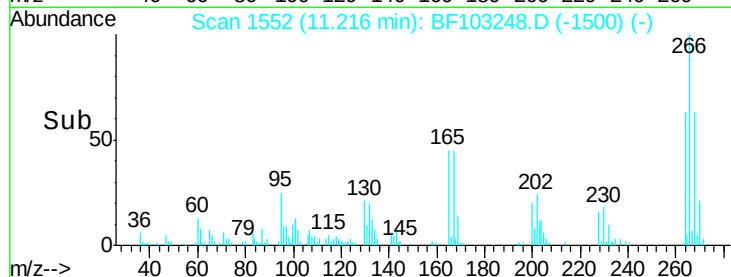
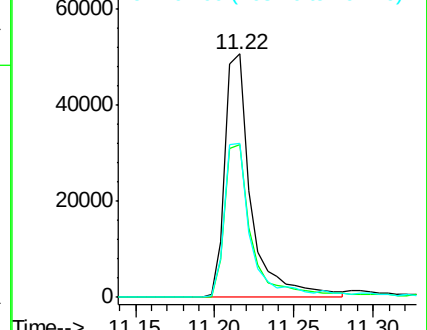
264 63.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.24 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

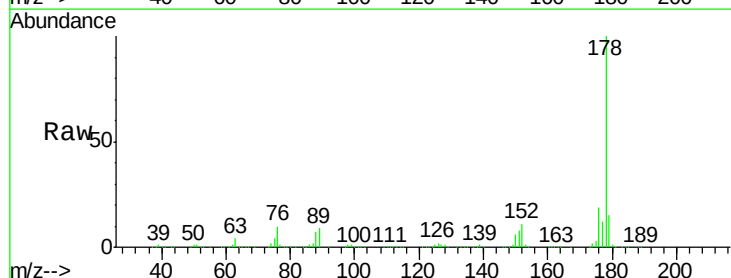
Tgt Ion:178 Resp: 735413

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

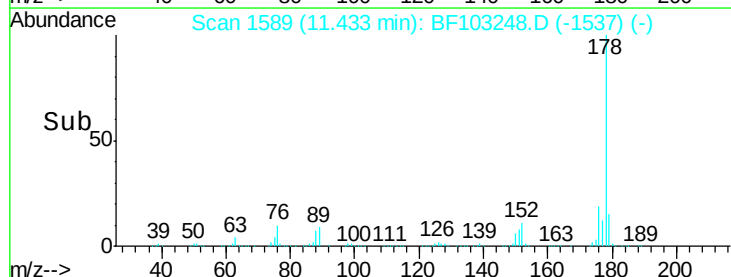
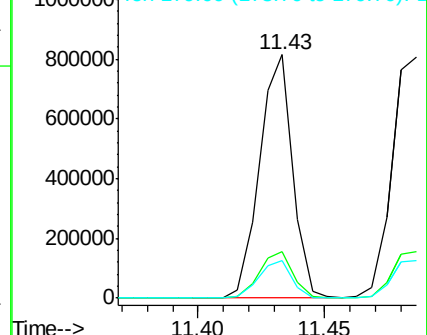
179 15.2 13.0 19.6

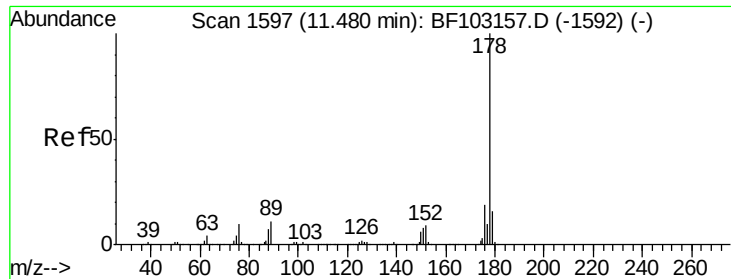


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

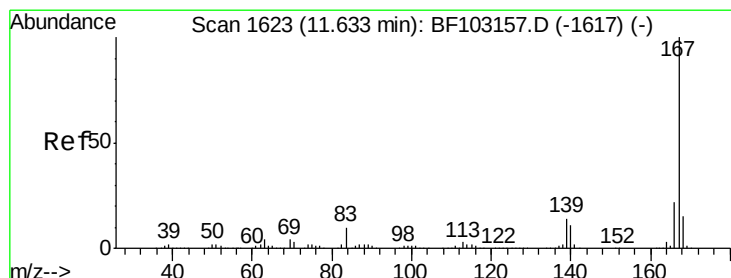
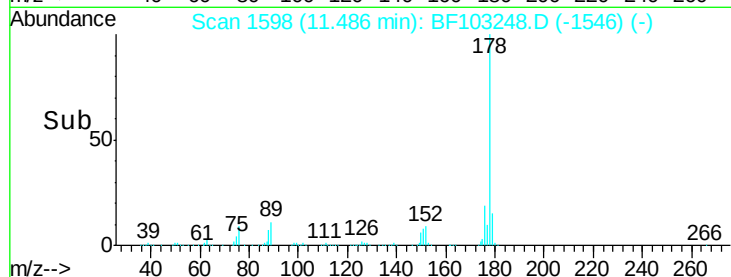
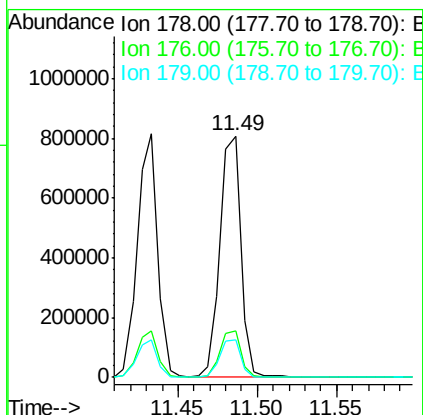
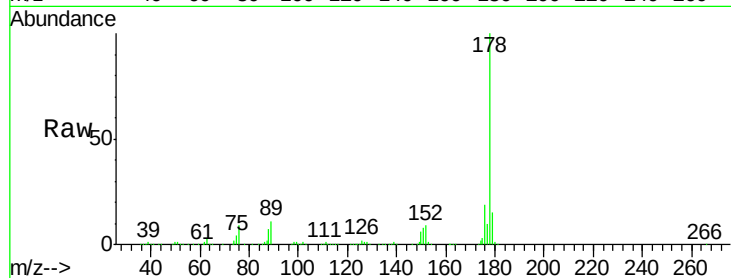




#71
 Anthracene
 Concen: 38.76 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

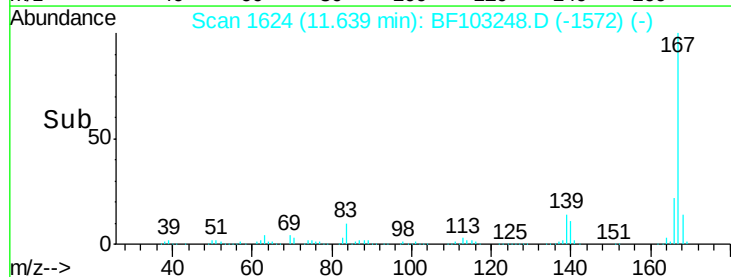
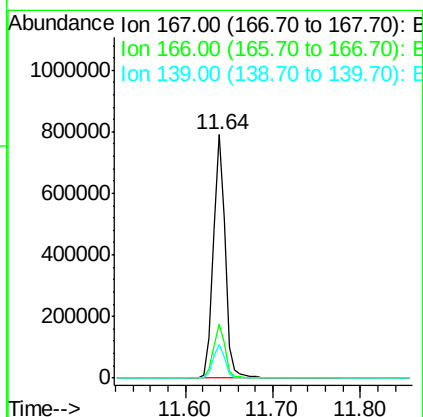
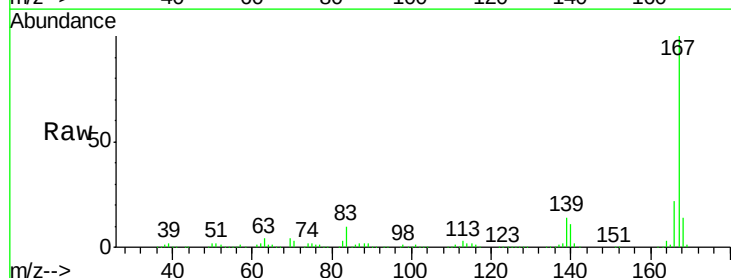
Instrument :
 BNA_F
 ClientSampled :

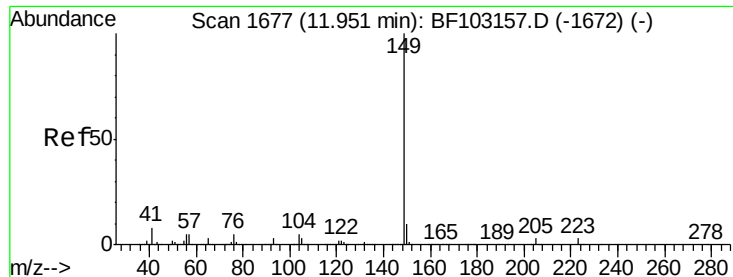
Tot Ion:178 Resp: 744734
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 38.99 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:167 Resp: 746157
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.51 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

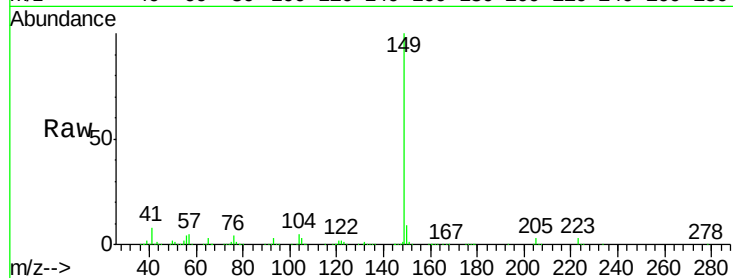
Tot Ion:149 Resp: 993927

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

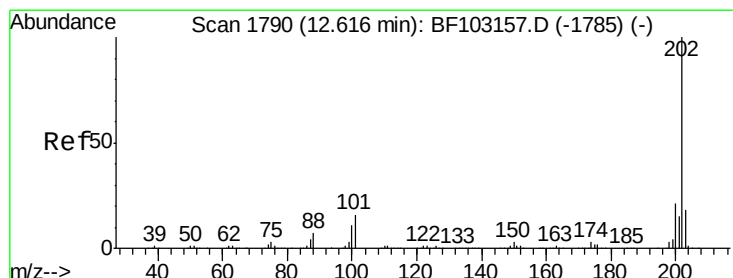
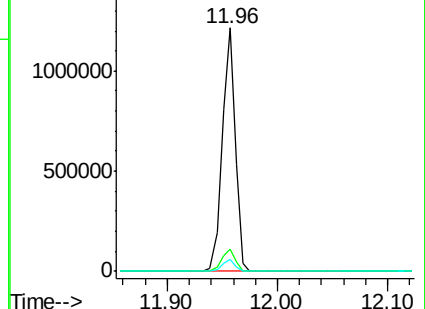
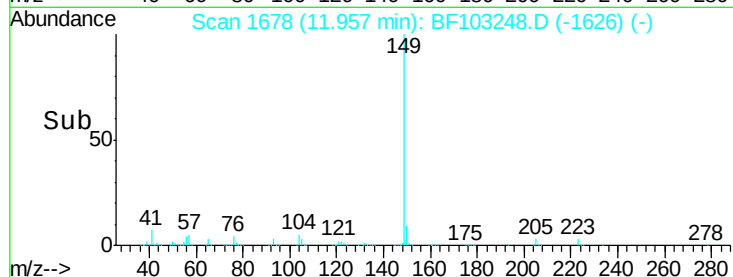
104 4.8 3.8 5.8



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: 38.92 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

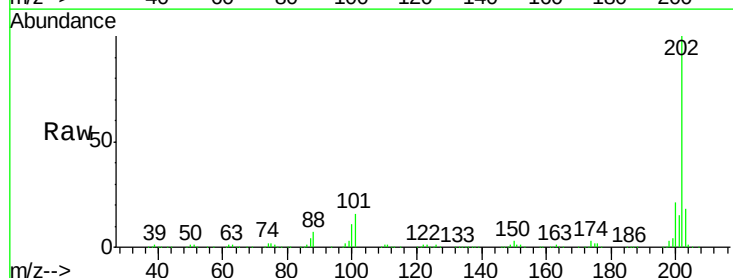
Tgt Ion:202 Resp: 732977

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.1

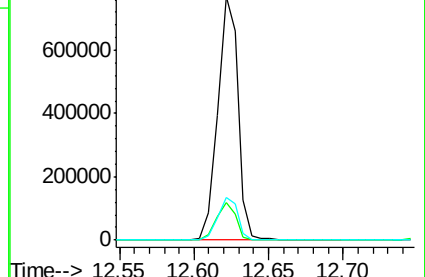
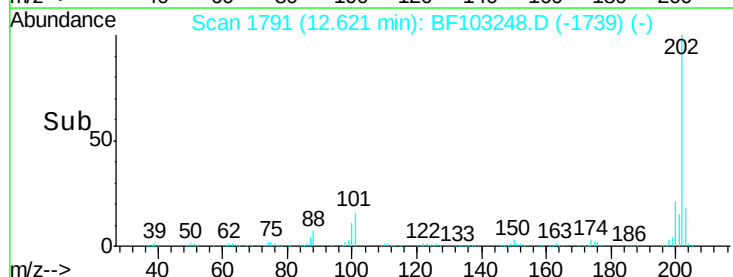
203 17.6 0.0 38.1

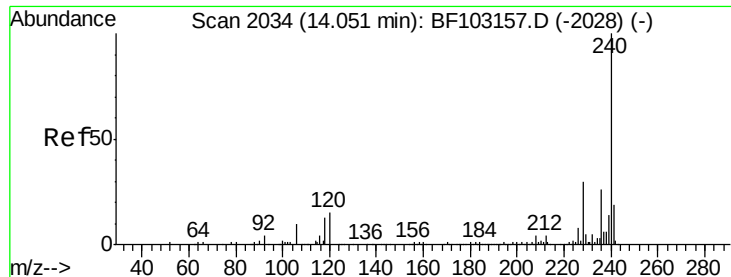


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

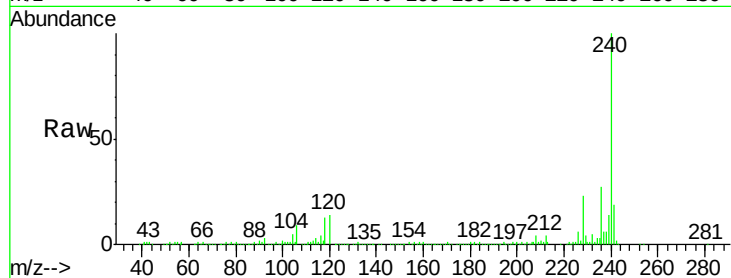
Tot Ion:240 Resp: 226406

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

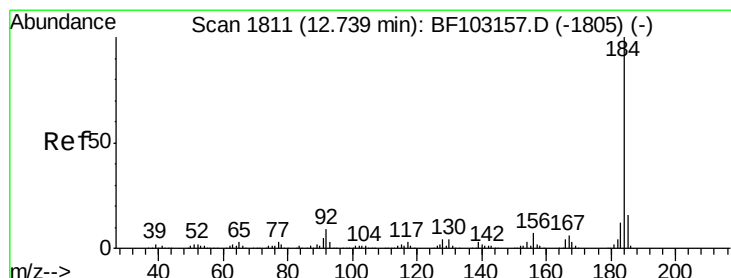
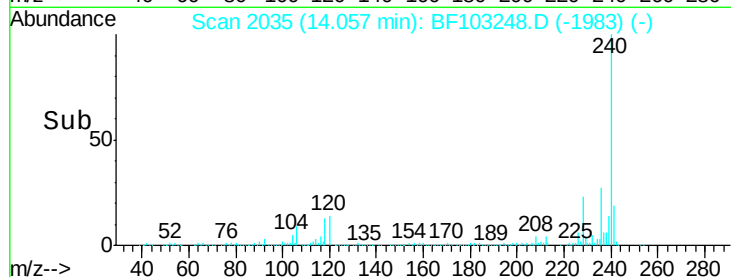
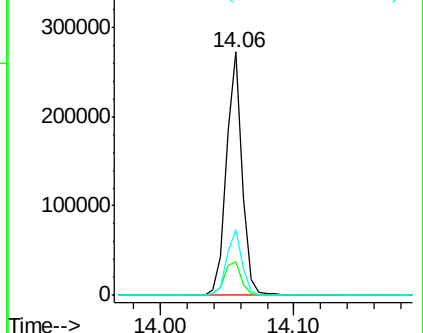
236 27.0 20.7 31.1



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: 53.39 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

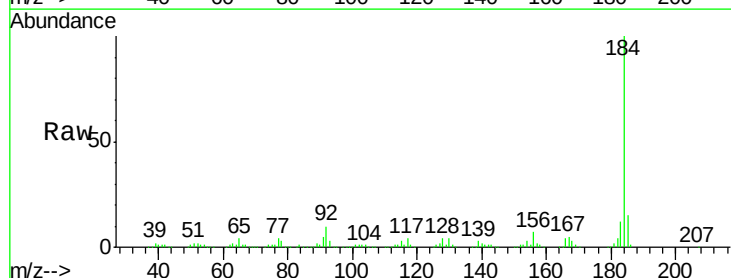
Tgt Ion:184 Resp: 451926

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

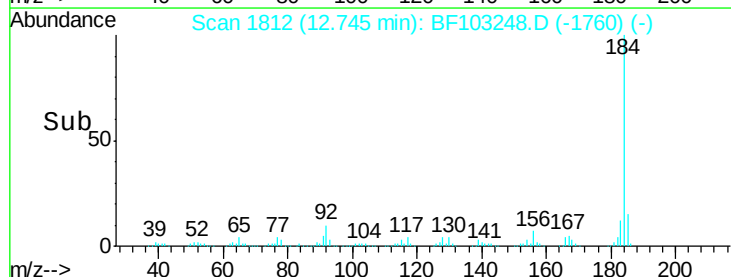
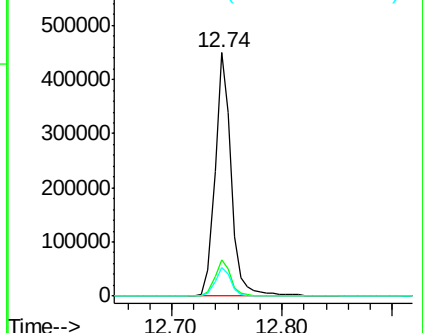
183 11.6 9.3 13.9

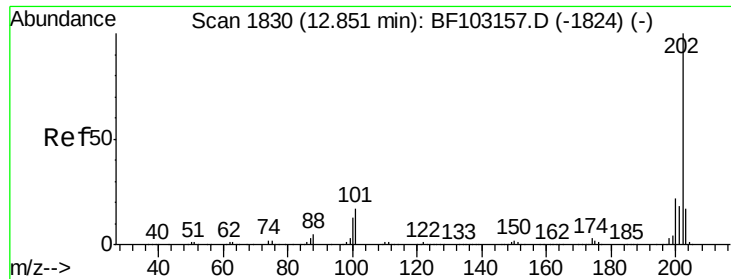


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

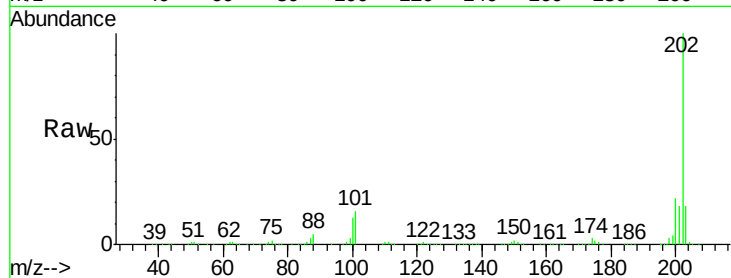




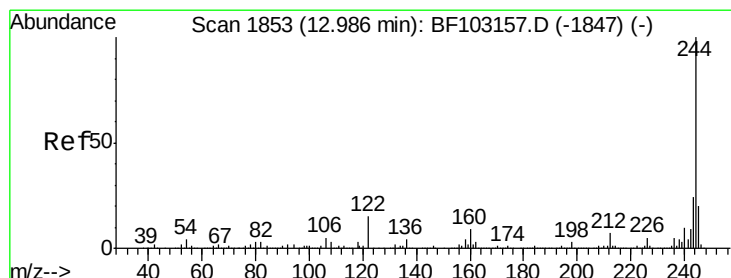
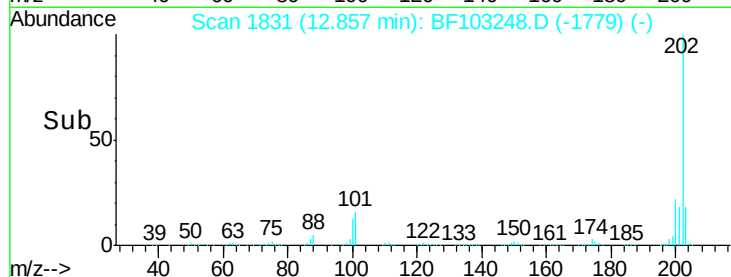
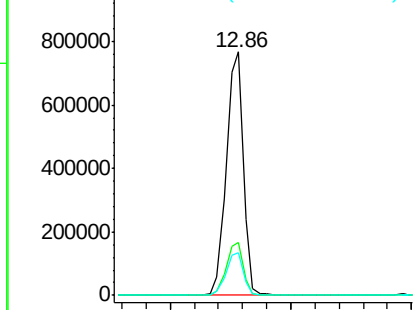
#77
 Pvrene
 Concen: 42.41 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 748632
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.8 14.3 21.5

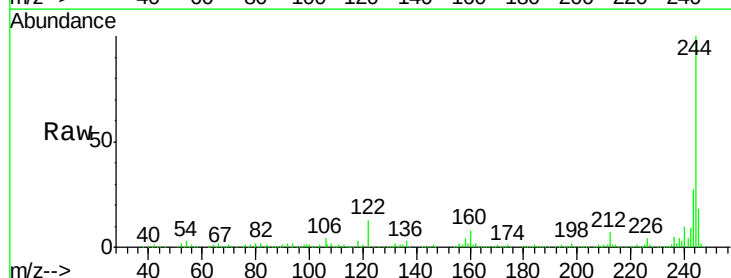


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

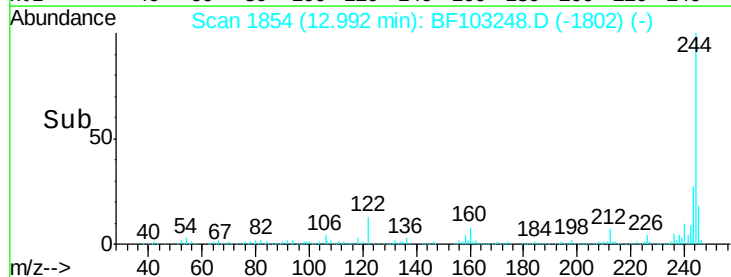
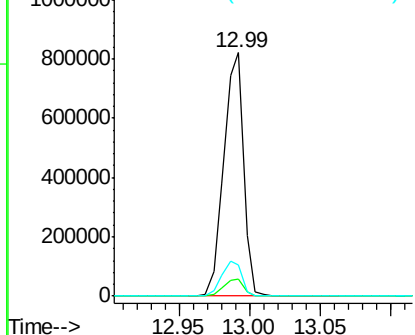


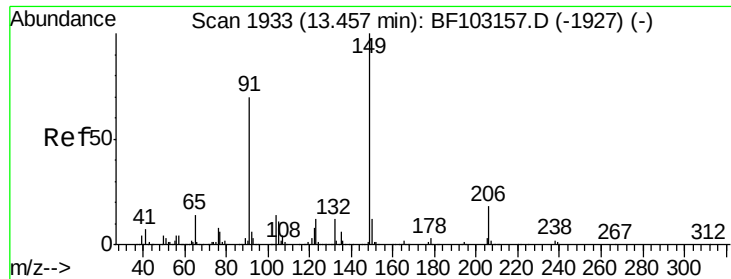
#78
 Terphenyl-d14
 Concen: 85.00 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:244 Resp: 800560
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

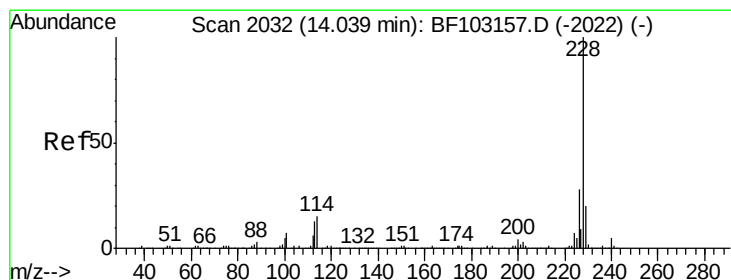
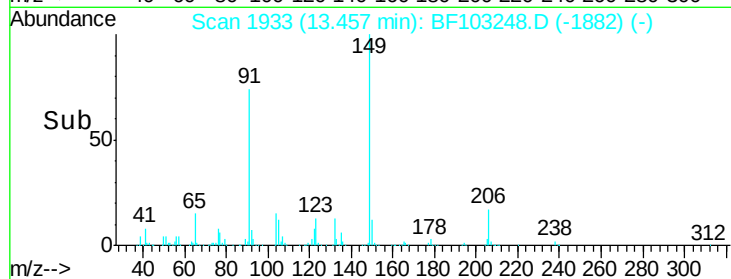
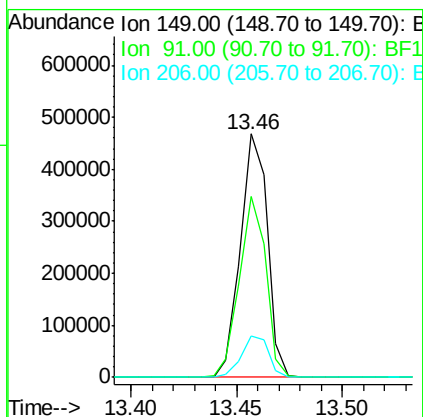
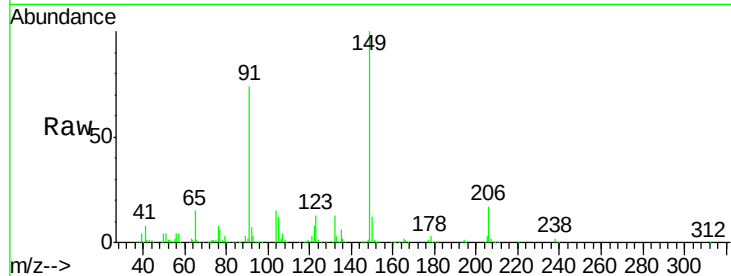




#79
Butylbenzylphthalate
Concen: 44.47 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

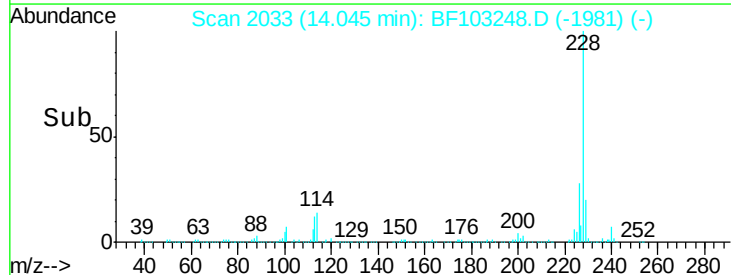
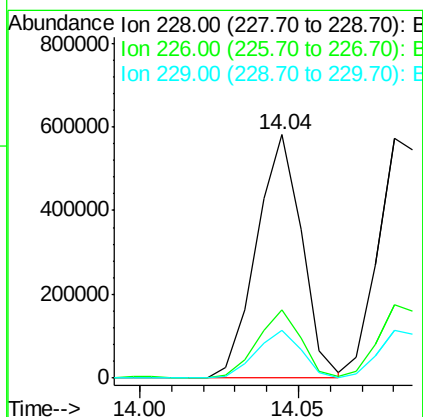
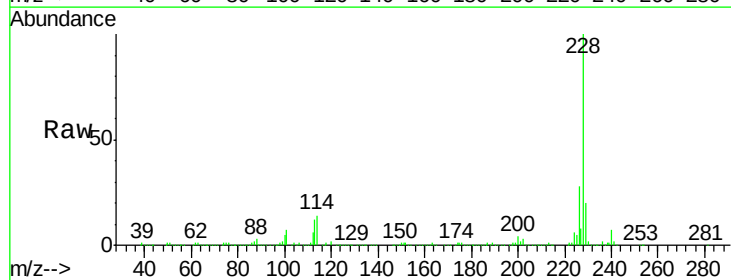
Instrument :
BNA_F
ClientSampleId :

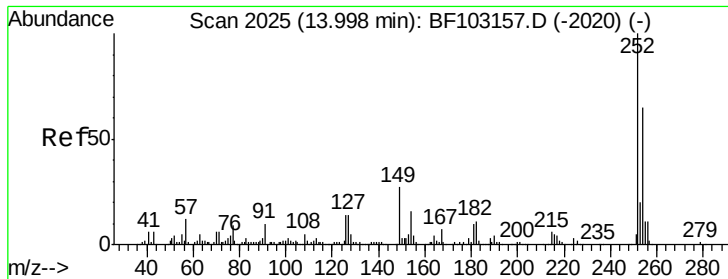
Tot Ion:149 Resp: 414743
Ion Ratio Lower Upper
149 100
91 74.2 56.8 85.2
206 17.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.20 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:228 Resp: 575847
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.7 15.8 23.6

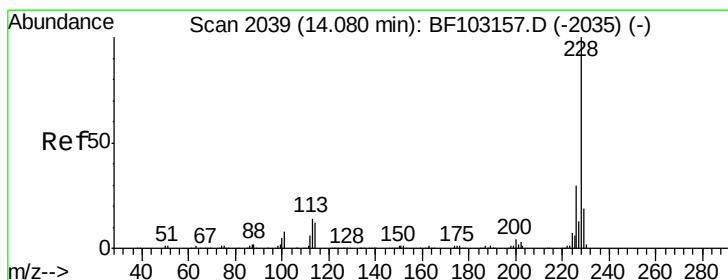
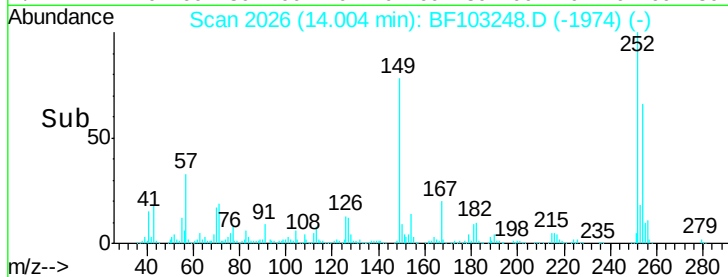
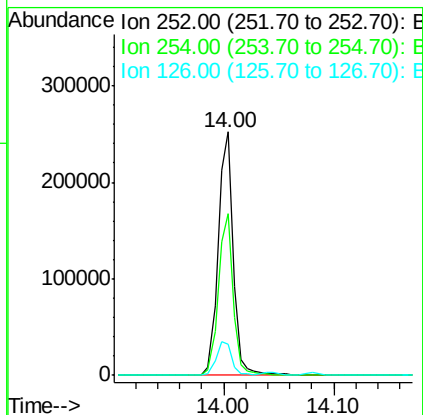
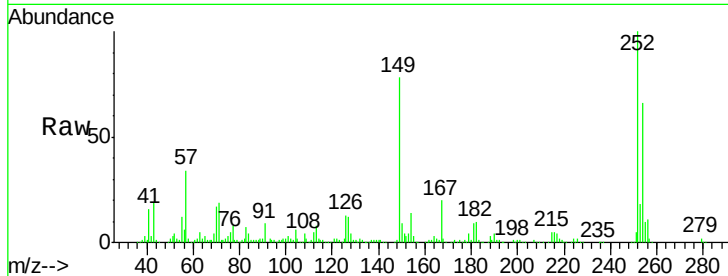




#81
 3,3'-Dichlorobenzidine
 Concen: 45.77 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

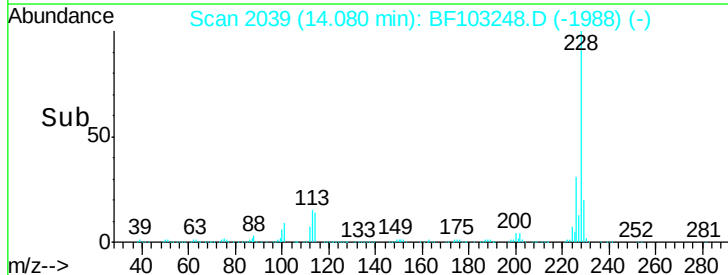
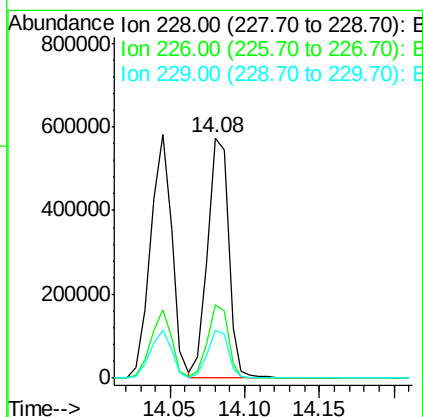
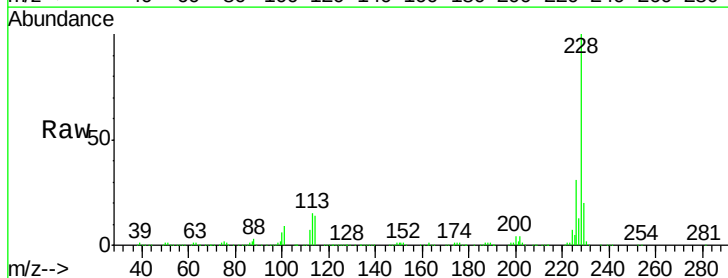
Instrument :
 BNA_F
 ClientSampleId :

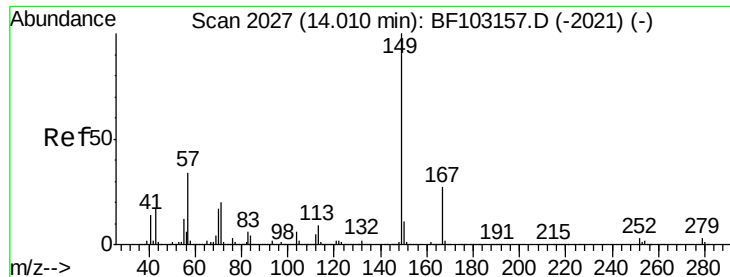
Tot Ion:252 Resp: 239944
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.4 75.6
 126 12.8 11.3 16.9



#82
 Chrysene
 Concen: 39.42 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:228 Resp: 562284
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.0 16.2 24.4

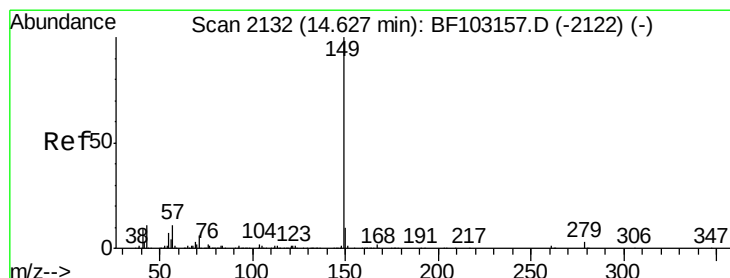
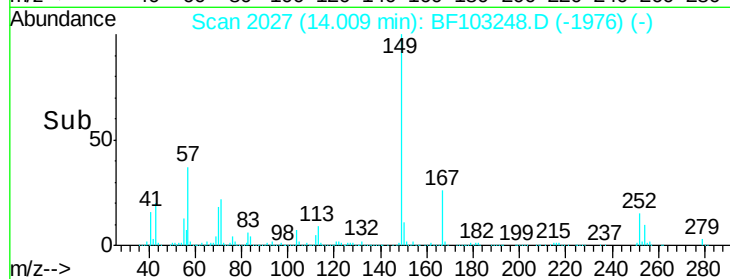
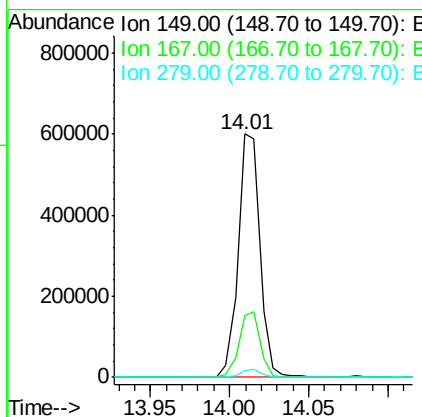
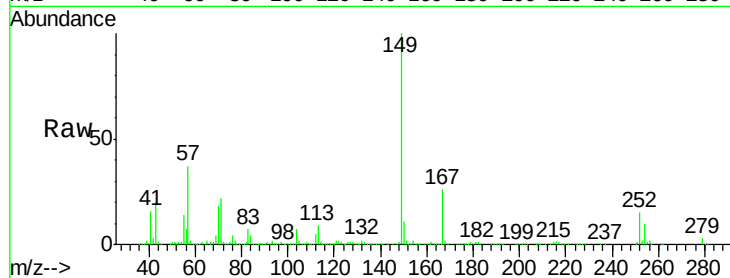




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.48 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

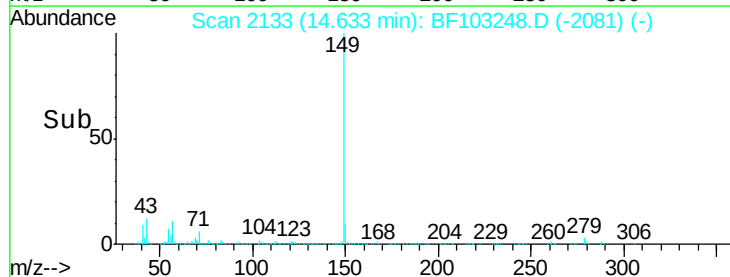
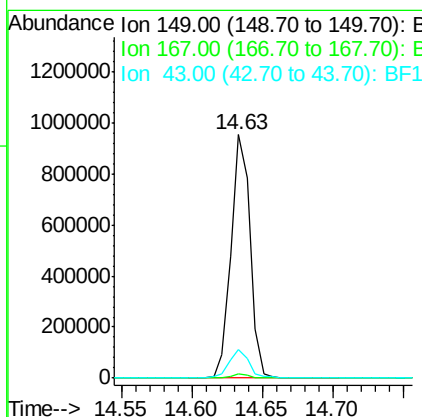
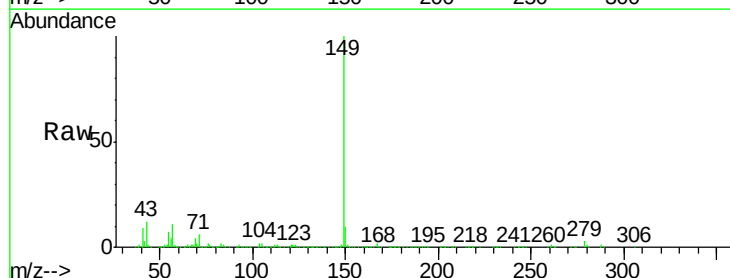
Instrument :
 BNA_F
 ClientSampleId :

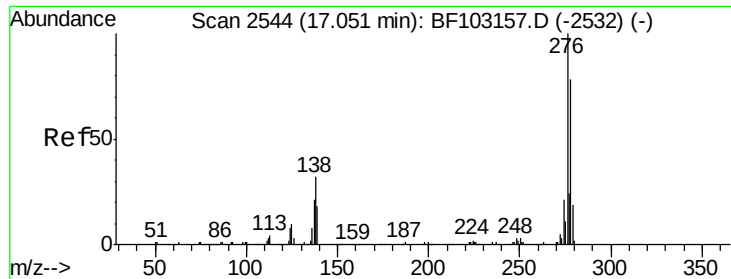
Tot Ion:149 Resp: 572433
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 2.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 44.05 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Tgt Ion:149 Resp: 895682
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.0 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.79 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

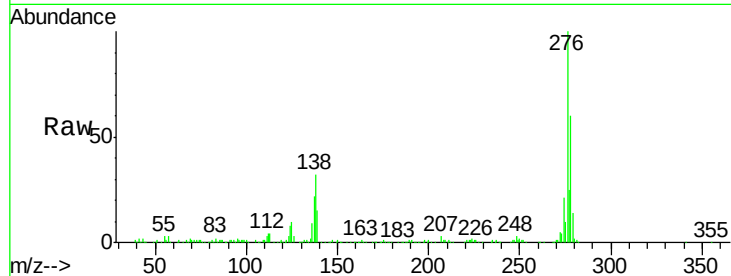
Tot Ion:276 Resp: 415434

Ion Ratio Lower Upper

276 100

138 34.0 25.0 37.6

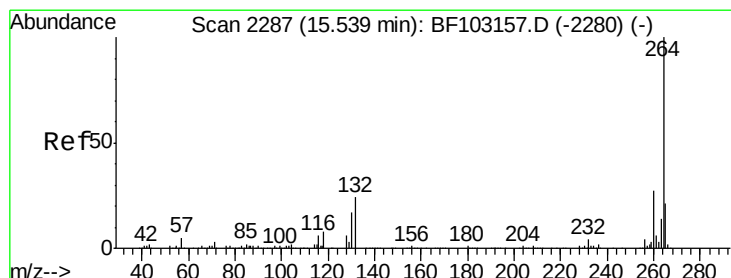
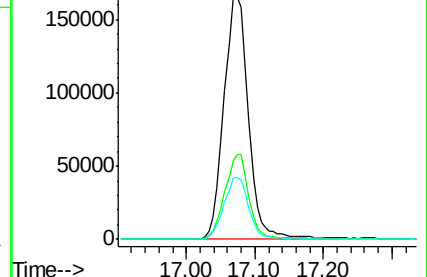
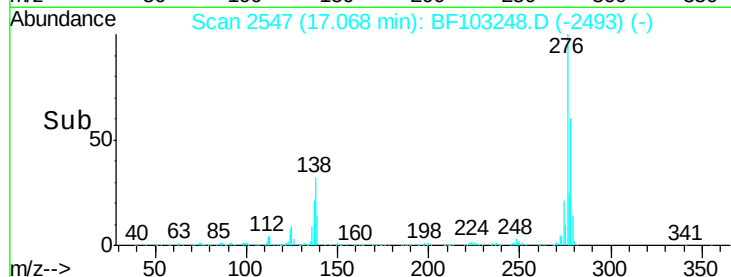
277 25.4 20.1 30.1



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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

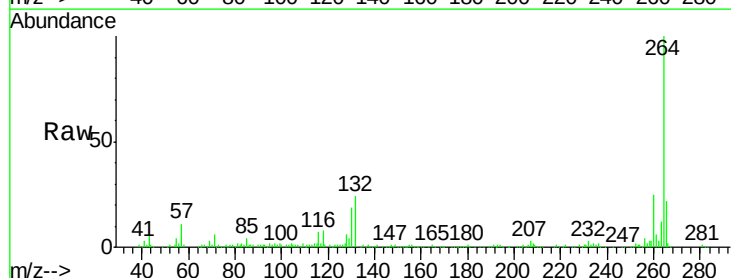
Tgt Ion:264 Resp: 169896

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

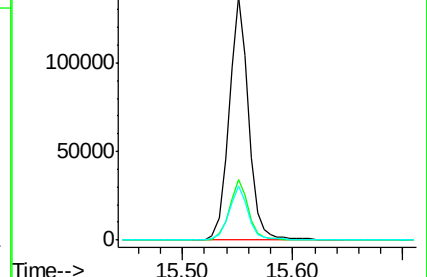
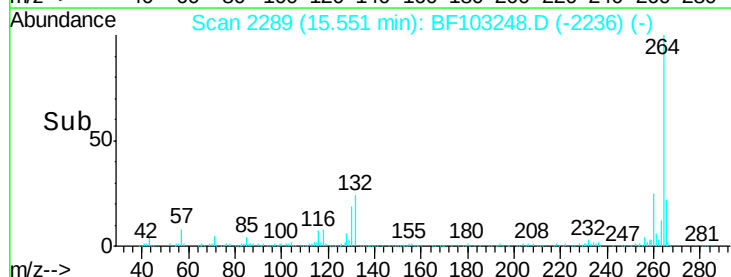
265 22.3 17.5 26.3

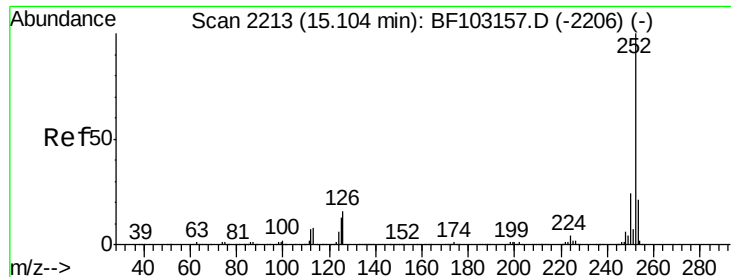


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

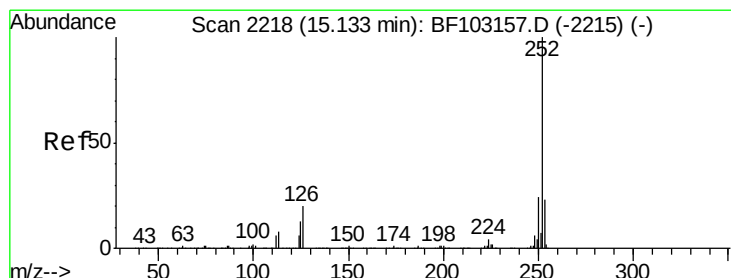
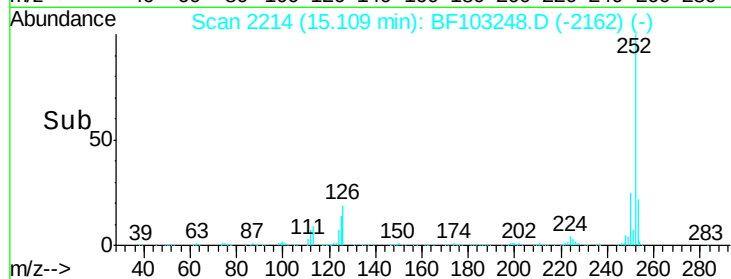
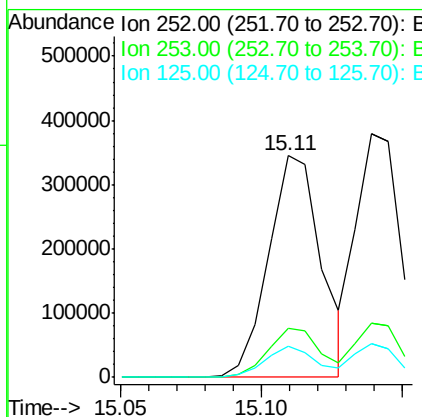
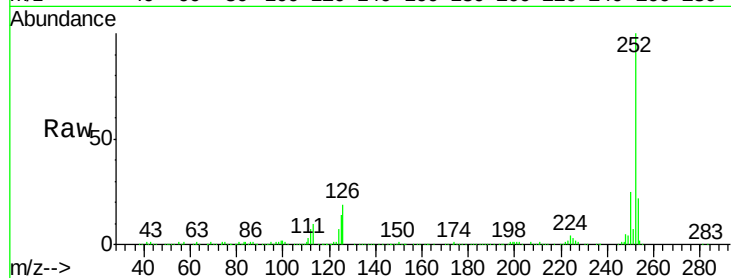




#87
Benzo(b)fluoranthene
Concen: 40.06 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

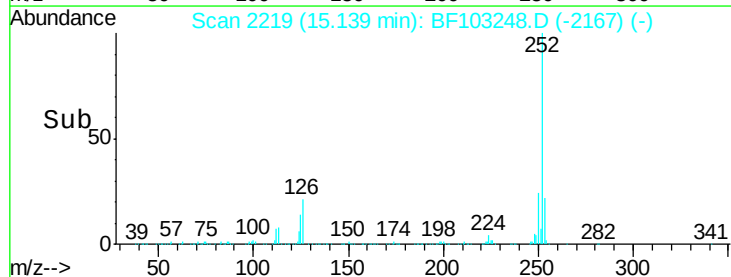
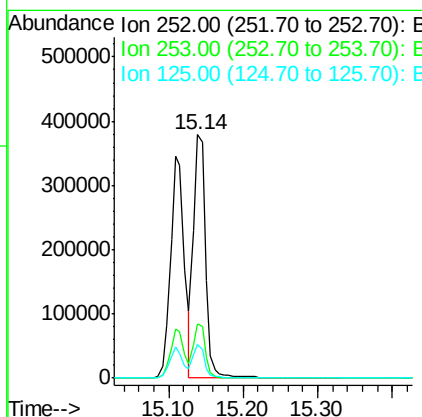
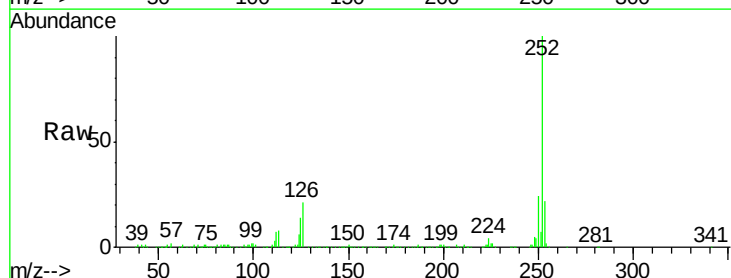
Instrument :
BNA_F
ClientSampleId :

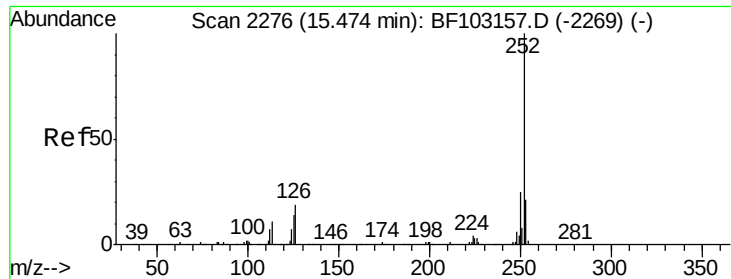
Tot Ion:252 Resp: 447477
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 14.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 40.74 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103248.D
Acq: 27 Feb 2018 5:53

Tgt Ion:252 Resp: 428525
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.70 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

Instrument :

BNA_F

ClientSampleId :

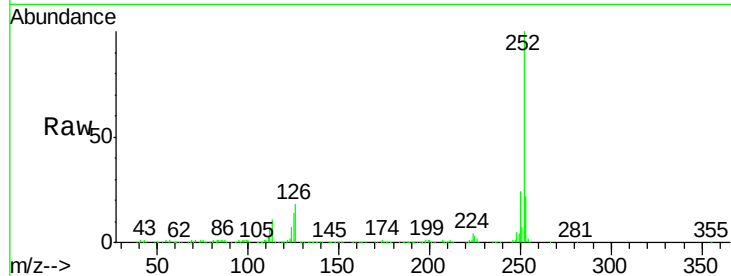
Tot Ion:252 Resp: 396015

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

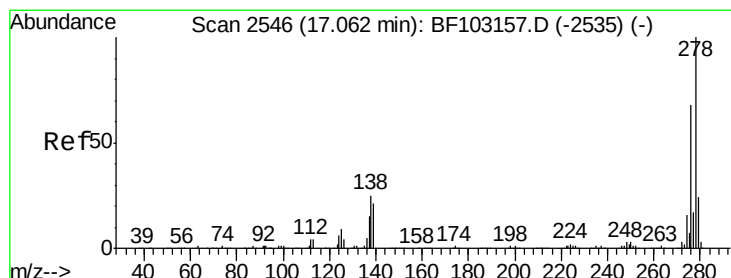
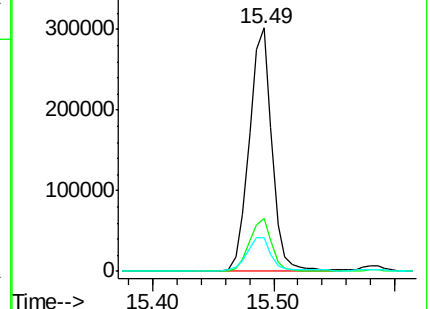
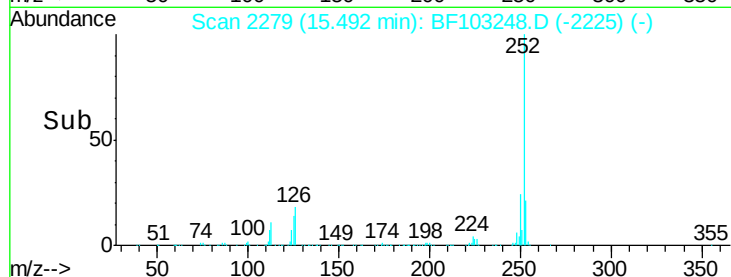
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.89 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.02 min

Lab File: BF103248.D

Acq: 27 Feb 2018 5:53

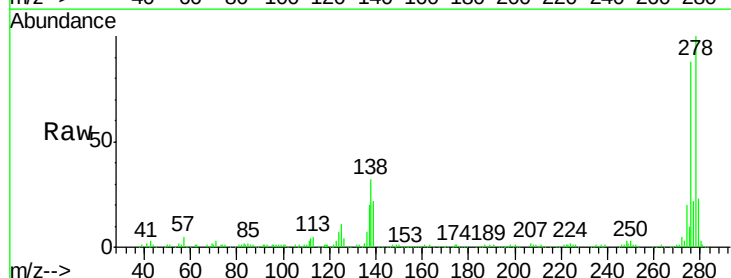
Tgt Ion:278 Resp: 353701

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

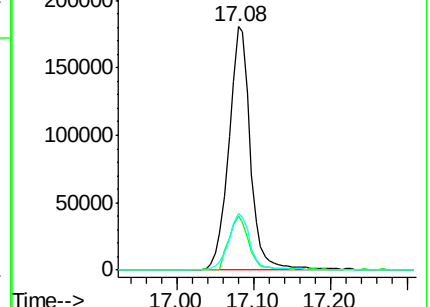
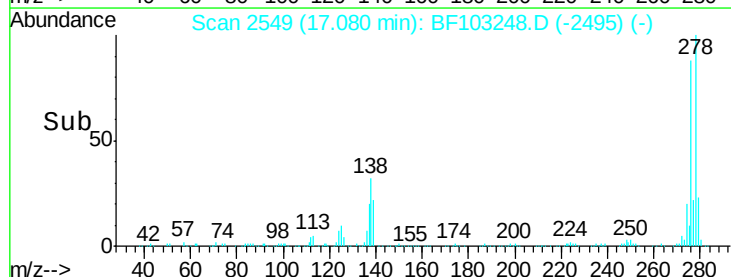
279 23.3 19.0 28.4

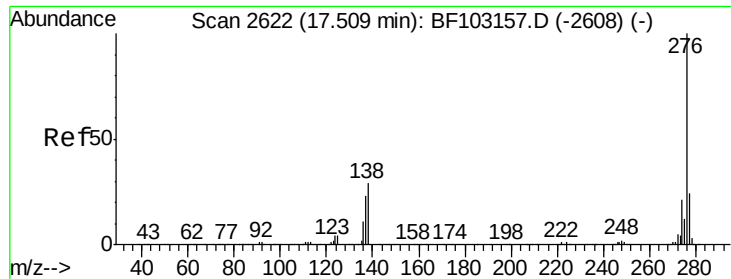


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

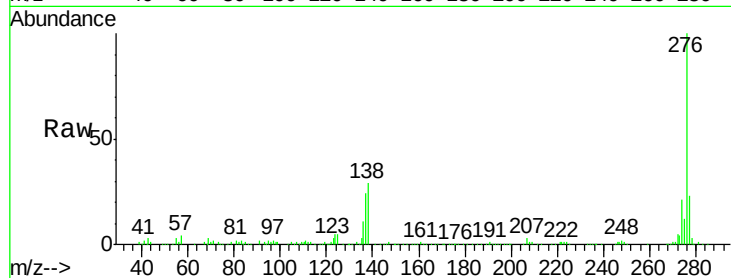




#91
 Benzo(a,h,i)perylene
 Concen: 45.91 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF103248.D
 Acq: 27 Feb 2018 5:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	28.7	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

