

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
 Data File : BF103036.D
 Acq On : 16 Feb 2018 00:37
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 04:18:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148907	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	628058	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272399	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	410817	20.00	ng	0.00
75) Chrysene-d12	14.05	240	286329	20.00	ng	0.00
86) Perylene-d12	15.53	264	252804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	781419	79.70	ng	0.00
7) Phenol-d6	6.51	99	936317	79.31	ng	0.00
23) Nitrobenzene-d5	7.45	82	818736	90.43	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	159299	72.66	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1316786	80.21	ng	0.00
78) Terphenyl-d14	12.99	244	914687	75.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	195502	40.37	ng	89
3) Pyridine	3.40	79	546350	40.83	ng	92
4) n-Nitrosodimethylamine	3.35	42	217315	37.96	ng	94
6) Aniline	6.55	93	678336	38.91	ng	98
8) 2-Chlorophenol	6.66	128	407357	40.35	ng	95
9) Benzaldehyde	6.43	77	305271	34.82	ng	99
10) Phenol	6.52	94	548063	43.32	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	415892	39.50	ng	95
12) 1,3-Dichlorobenzene	6.82	146	455684	38.98	ng	98
13) 1,4-Dichlorobenzene	6.90	146	463647	39.82	ng	98
14) 1,2-Dichlorobenzene	7.05	146	427267	39.39	ng	99
15) Benzyl Alcohol	7.02	79	358971	39.55	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	720555	36.03	ng	99
17) 2-Methylphenol	7.13	107	362486	38.93	ng	98
18) Hexachloroethane	7.39	117	130644	32.72	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	283550	36.43	ng	97
20) 3+4-Methylphenols	7.28	107	426739	37.16	ng	# 84
22) Acetophenone	7.29	105	559347	36.39	ng	# 87
24) Nitrobenzene	7.46	77	453690	42.60	ng	99
25) Isophorone	7.70	82	777643	37.30	ng	99
26) 2-Nitrophenol	7.77	139	146021	36.02	ng	96
27) 2,4-Dimethylphenol	7.81	122	324939	36.89	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	482775	39.09	ng	99
29) 2,4-Dichlorophenol	8.02	162	311477	38.90	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	347258	38.34	ng	100
31) Naphthalene	8.19	128	1170245	38.14	ng	100
32) Benzoic acid	7.91	122	113673	25.02	ng	100
33) 4-Chloroaniline	8.23	127	511146	38.67	ng	99
34) Hexachlorobutadiene	8.30	225	176635	38.06	ng	99
35) Caprolactam	8.60	113	107419	38.63	ng	# 76
36) 4-Chloro-3-methylphenol	8.71	107	344098	38.25	ng	99
37) 2-Methylnaphthalene	8.87	142	759629	37.81	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	304716	41.08	ng	99
40) Hexachlorocyclopentadiene	9.02	237	10219	2.90	ng	92

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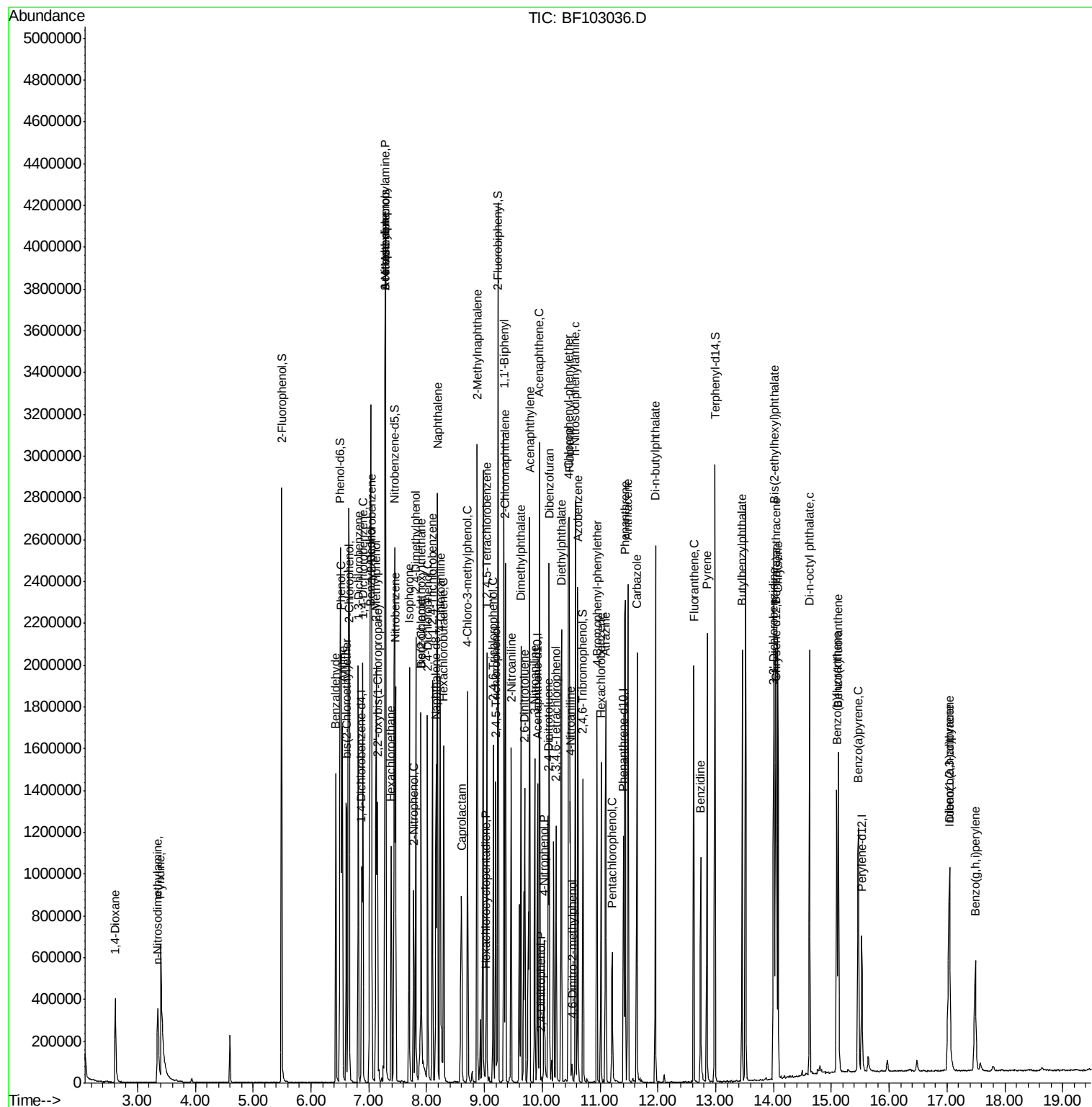
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	187837	38.56	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	206733	37.65	nq	98
45) 1,1'-Biphenyl	9.34	154	903214	39.37	nq	98
46) 2-Chloronaphthalene	9.36	162	719321	39.82	nq	99
47) 2-Nitroaniline	9.46	65	274353	49.13	nq	95
48) Acenaphthylene	9.78	152	1075111	38.32	nq	99
49) Dimethylphthalate	9.63	163	848530	39.95	nq	100
50) 2,6-Dinitrotoluene	9.70	165	161339	39.93	nq	# 90
51) Acenaphthene	9.95	154	619401	36.92	nq	99
52) 3-Nitroaniline	9.87	138	246611	49.60	nq	94
53) 2,4-Dinitrophenol	9.98	184	2699	11.61	nq	# 27
54) Dibenzofuran	10.12	168	907490	38.38	nq	98
55) 4-Nitrophenol	10.03	139	106219	28.71	nq	91
56) 2,4-Dinitrotoluene	10.10	165	196441	37.00	nq	98
57) Fluorene	10.47	166	675289	39.25	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	124999	32.85	nq	99
59) Diethylphthalate	10.33	149	809623	38.60	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	314159	41.28	nq	97
61) 4-Nitroaniline	10.49	138	228122	48.20	nq	93
62) Azobenzene	10.62	77	780787	37.27	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	9296	13.75	nq	93
65) n-Nitrosodiphenylamine	10.57	169	626906	43.26	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	185420	42.67	nq	95
67) Hexachlorobenzene	11.02	284	192756	40.21	nq	93
68) Atrazine	11.10	200	175270	41.00	nq	96
69) Pentachlorophenol	11.21	266	66509	23.63	nq	99
70) Phenanthrene	11.43	178	867878	37.93	nq	98
71) Anthracene	11.48	178	898743	38.62	nq	99
72) Carbazole	11.64	167	856289	37.56	nq	100
73) Di-n-butylphthalate	11.96	149	1203813	43.47	nq	100
74) Fluoranthene	12.62	202	796401	34.60	nq	100
76) Benzidine	12.74	184	397734	30.22	nq	98
77) Pyrene	12.85	202	814057	36.26	nq	99
79) Butylbenzylphthalate	13.46	149	446037	41.67	nq	99
80) Benzo(a)anthracene	14.04	228	712122	39.55	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	268680	40.24	nq	97
82) Chrysene	14.07	228	687574	37.88	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	637845	46.37	nq	# 99
84) Di-n-octyl phthalate	14.63	149	1003217	48.58	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	528564	35.11	nq	98
87) Benzo(b)fluoranthene	15.09	252	672767	41.05	nq	97
88) Benzo(k)fluoranthene	15.12	252	596295	38.08	nq	99
89) Benzo(a)pyrene	15.47	252	571579	38.74	nq	99
90) Dibenzo(a,h)anthracene	17.04	278	445354	37.19	nq	97
91) Benzo(g,h,i)perylene	17.49	276	429284	36.63	nq	99

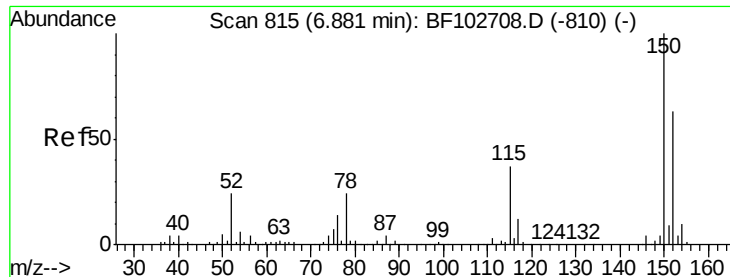
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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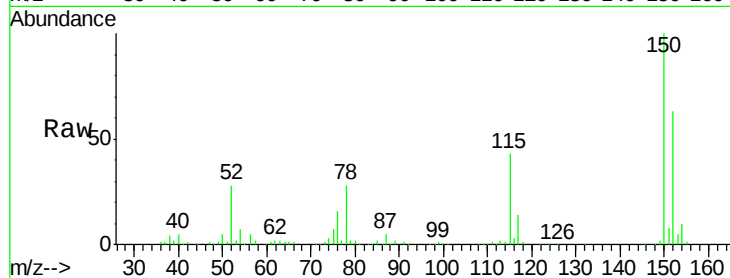


#1

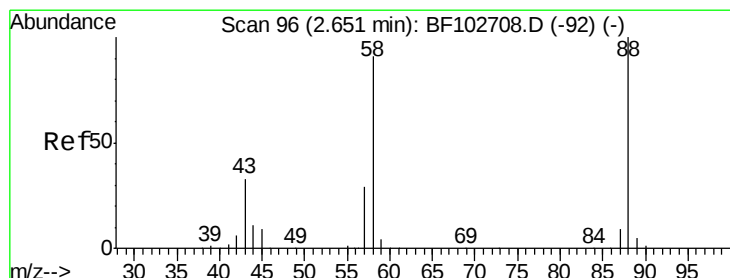
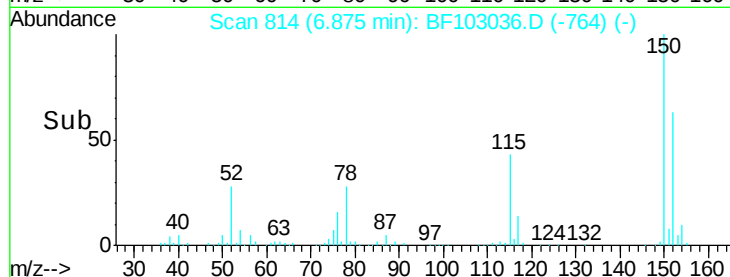
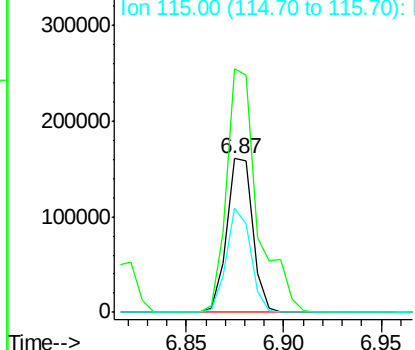
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148907
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 68.0 50.1 75.1



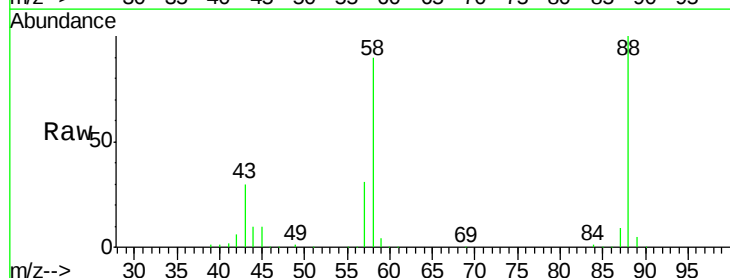
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



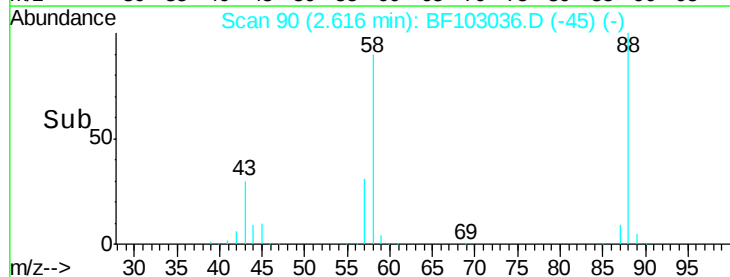
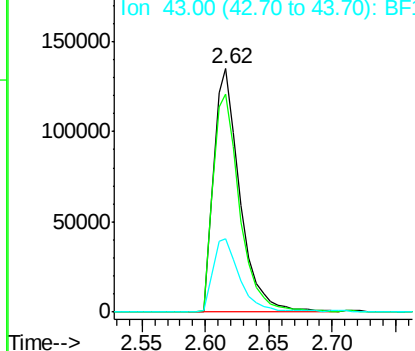
#2

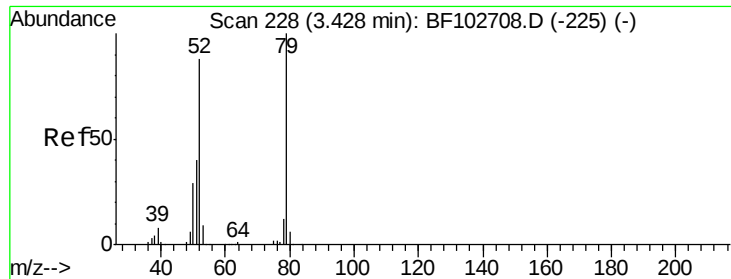
1,4-Dioxane
Concen: 40.37 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.04 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion: 88 Resp: 195502
Ion Ratio Lower Upper
88 100
58 91.3 62.6 93.8
43 32.0 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: 40.83 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.02 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampled :

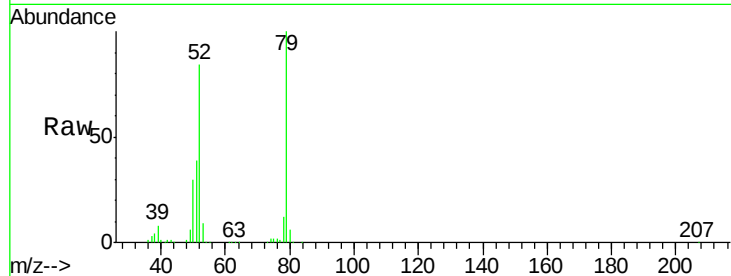
Tot Ion: 79 Resp: 546350

Ion Ratio Lower Upper

79 100

52 83.9 59.8 89.6

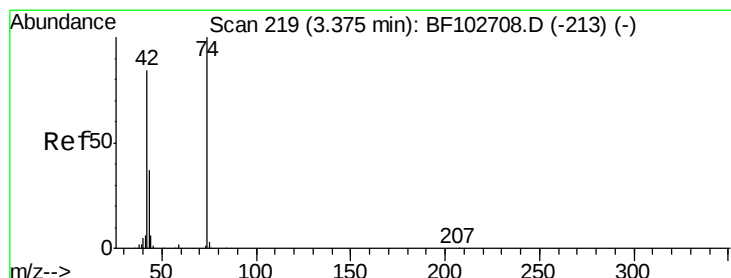
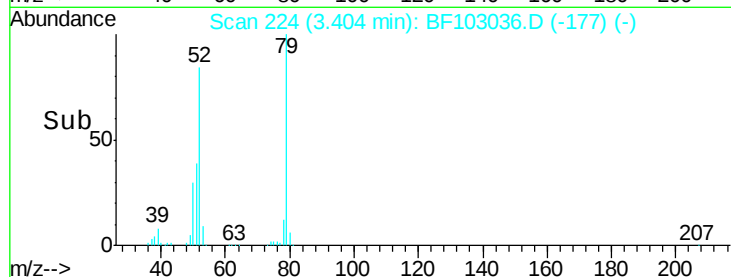
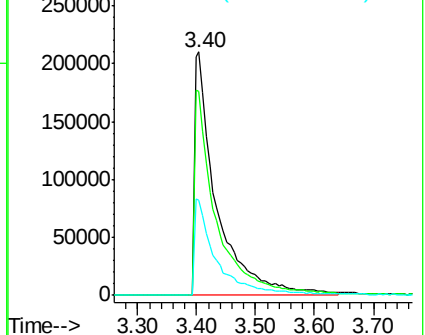
51 38.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.96 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.04 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

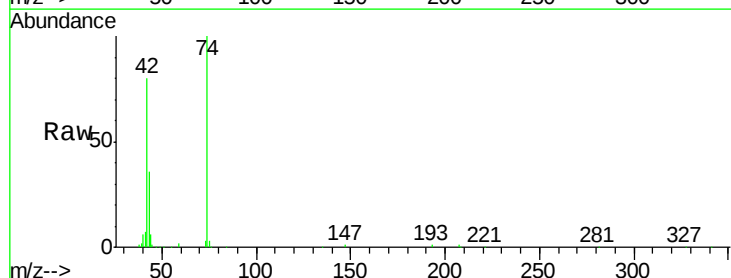
Tgt Ion: 42 Resp: 217315

Ion Ratio Lower Upper

42 100

74 124.3 104.9 157.3

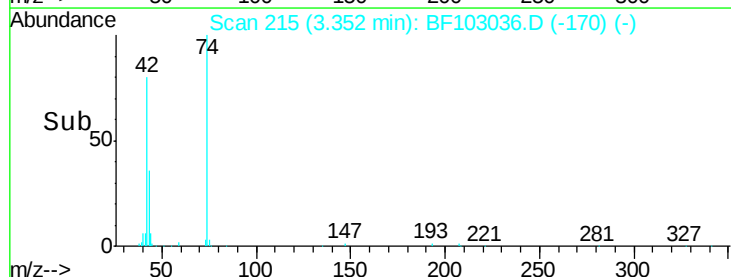
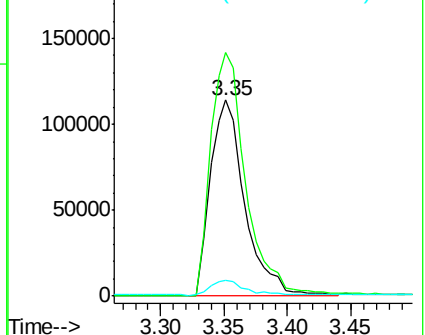
44 7.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.70 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

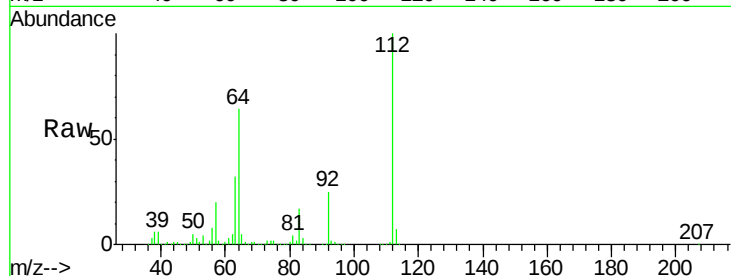
Tot Ion:112 Resp: 781419

Ion Ratio Lower Upper

112 100

64 64.4 47.9 71.9

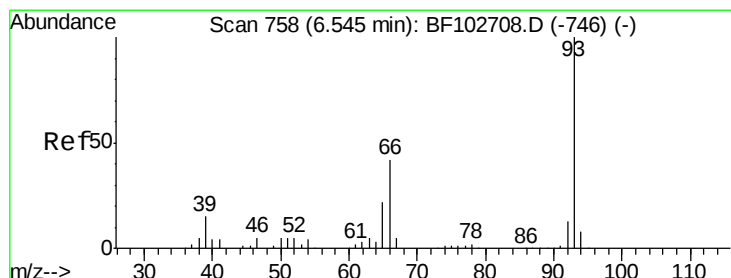
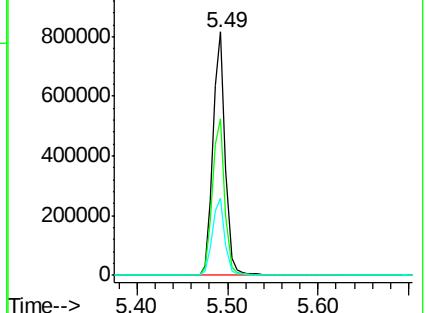
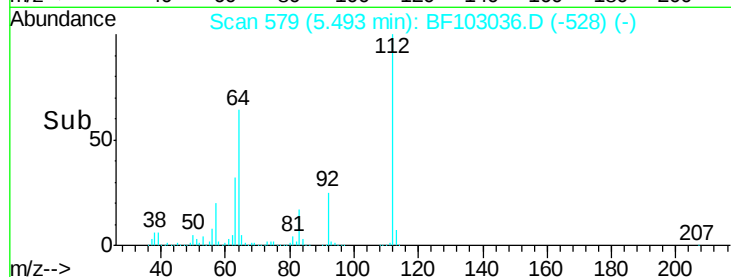
63 31.7 23.7 35.5



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: 38.91 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

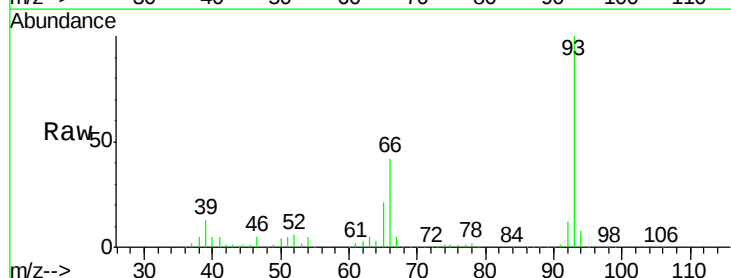
Tgt Ion: 93 Resp: 678336

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

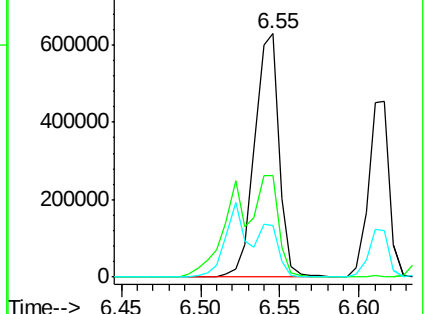
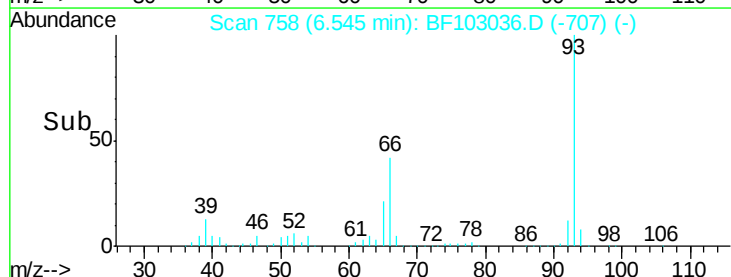
65 21.2 16.4 24.6

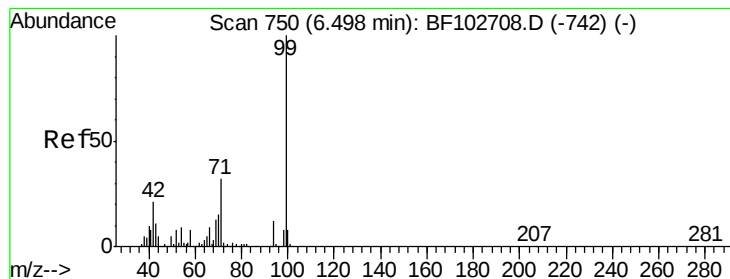


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.31 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

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ClientSampleId :

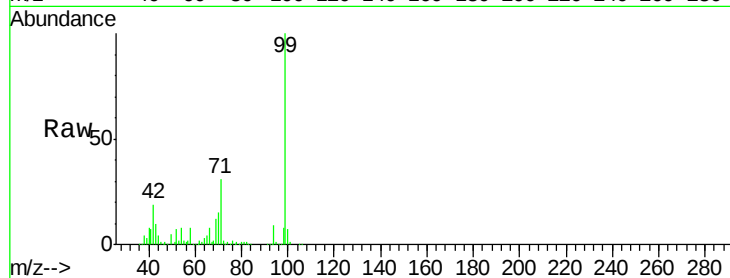
Tot Ion: 99 Resp: 936317

Ion Ratio Lower Upper

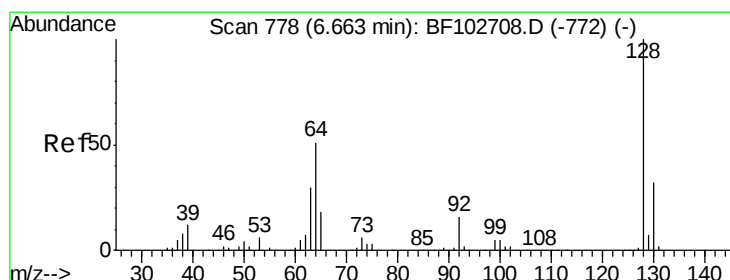
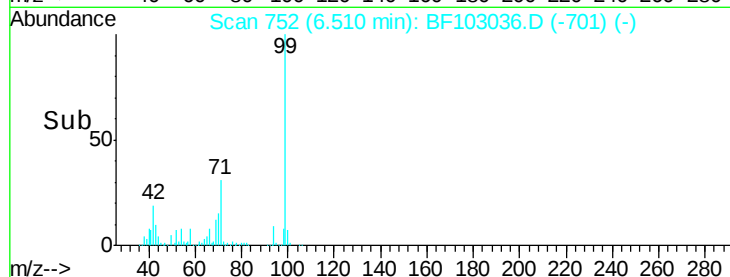
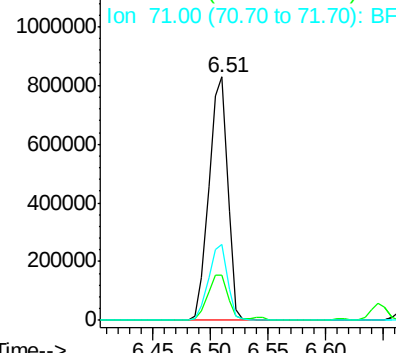
99 100

42 18.7 14.5 21.7

71 31.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

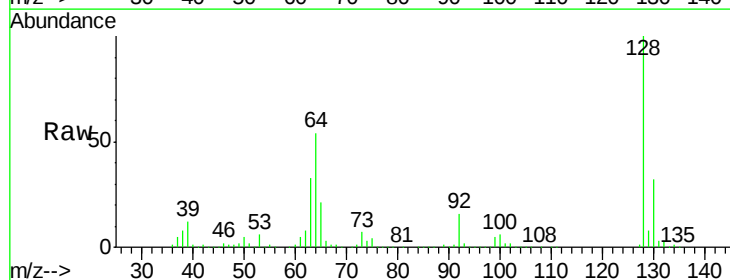
Tgt Ion: 128 Resp: 407357

Ion Ratio Lower Upper

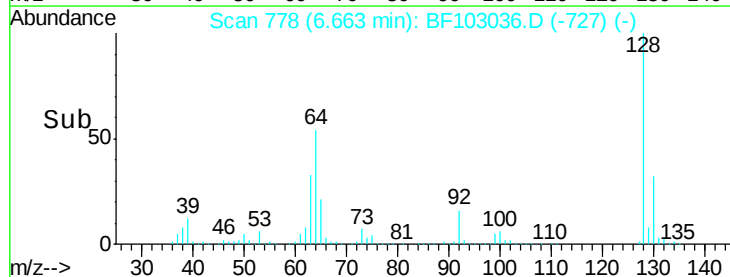
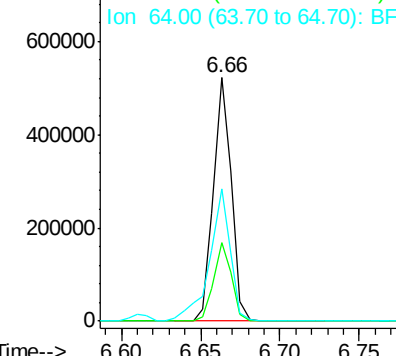
128 100

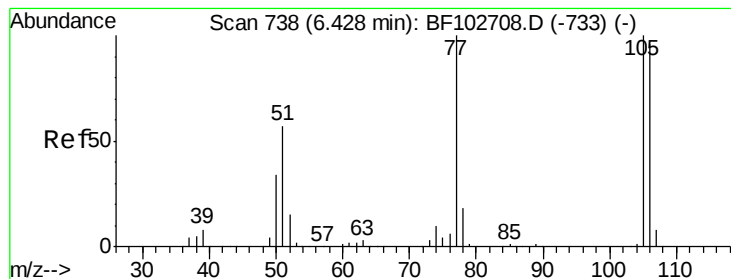
130 32.4 13.0 53.0

64 54.2 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: 34.82 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampled :

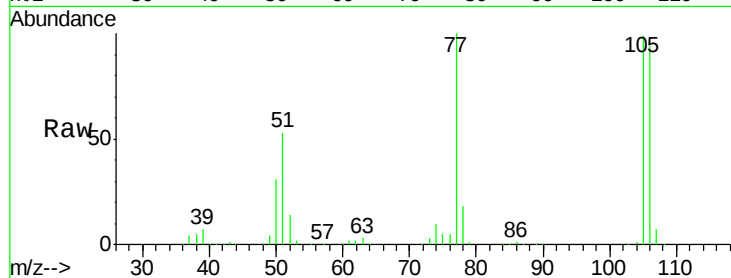
Tot Ion: 77 Resp: 305271

Ion Ratio Lower Upper

77 100

105 98.6 81.1 121.1

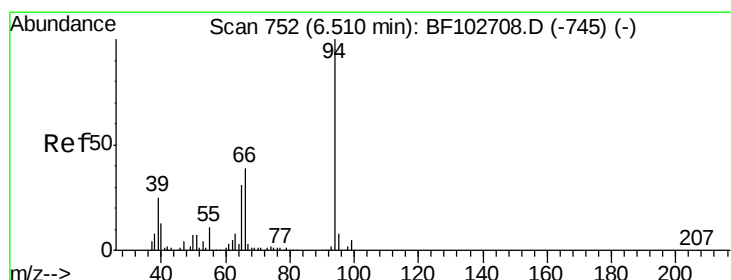
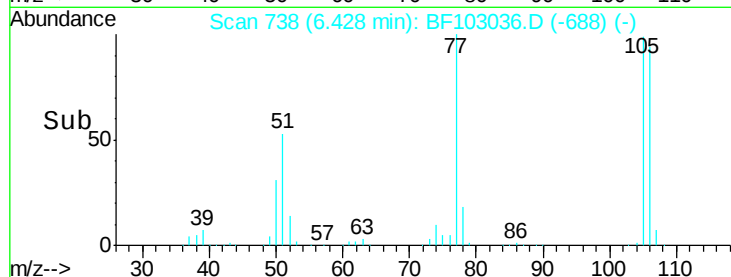
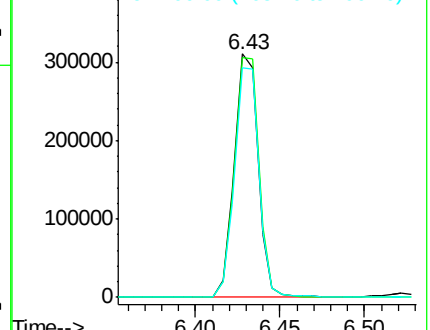
106 94.3 74.5 114.5



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: 43.32 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

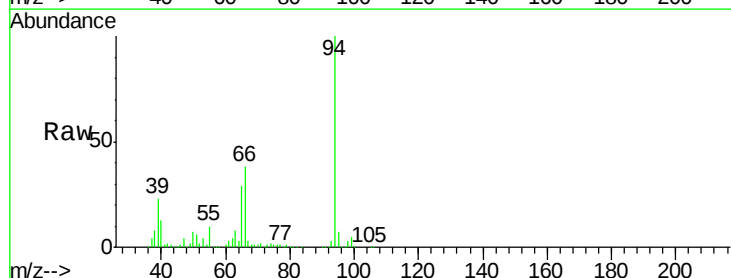
Tgt Ion: 94 Resp: 548063

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

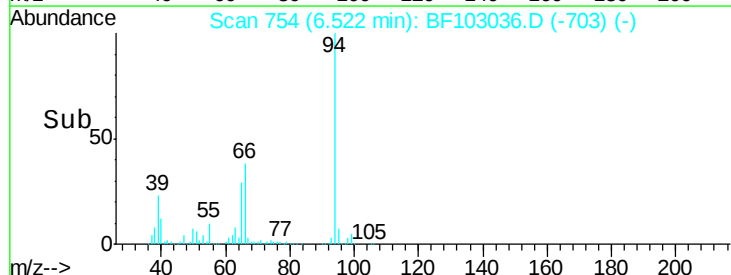
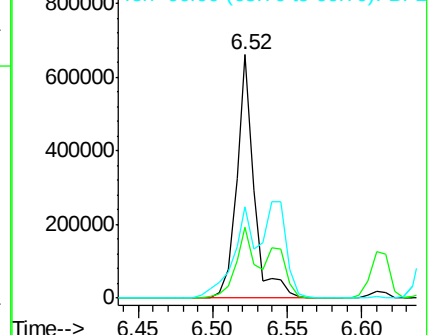
66 37.6 16.2 56.2

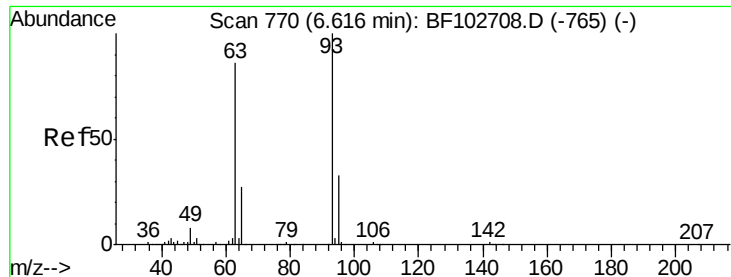


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.50 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

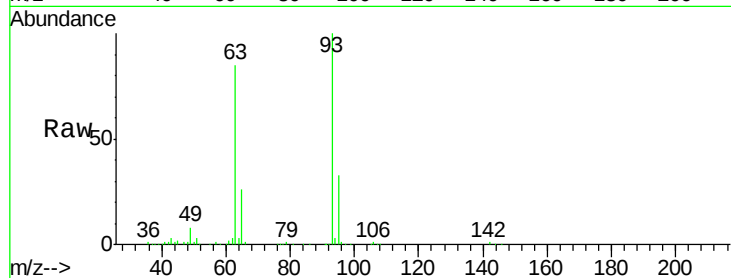
Tot Ion: 93 Resp: 415892

Ion Ratio Lower Upper

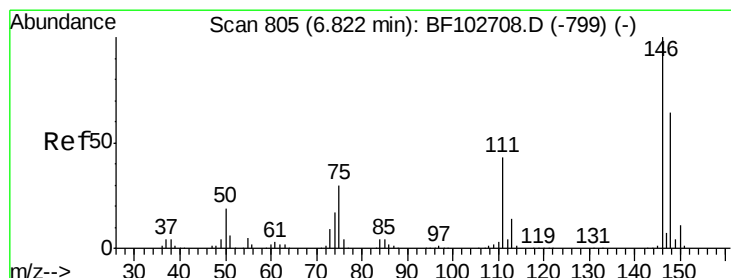
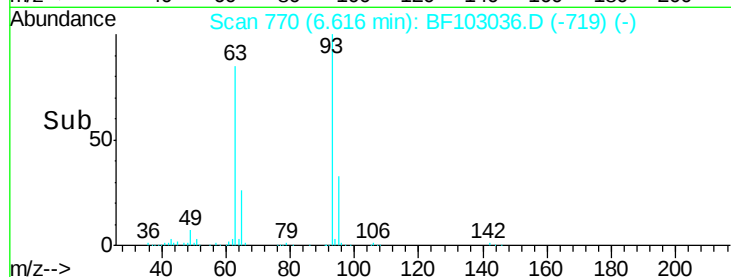
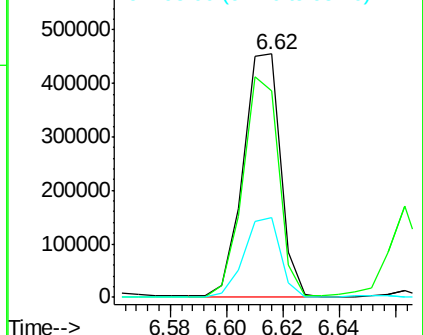
93 100

63 84.6 58.6 98.6

95 32.6 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 38.98 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

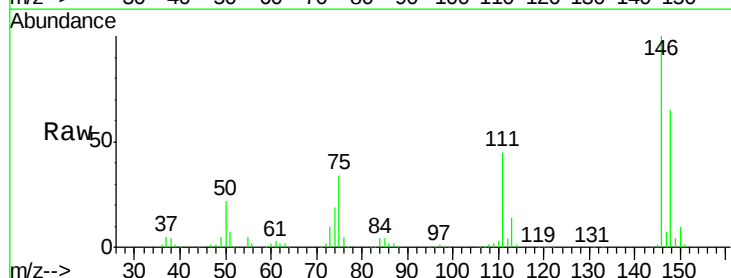
Tgt Ion: 146 Resp: 455684

Ion Ratio Lower Upper

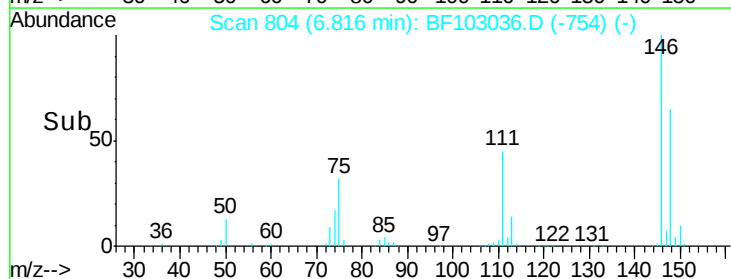
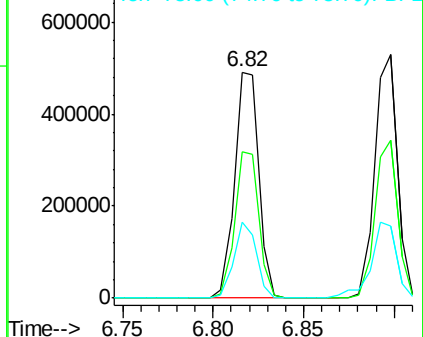
146 100

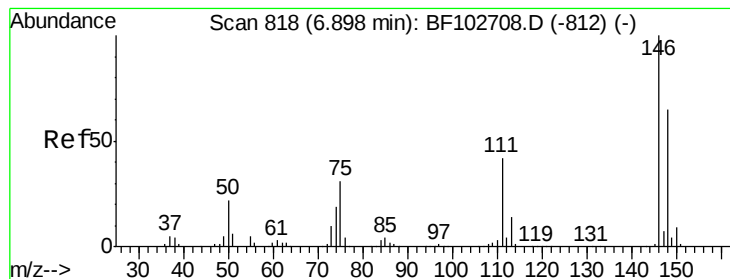
148 64.5 51.8 77.8

75 33.5 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: 39.82 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

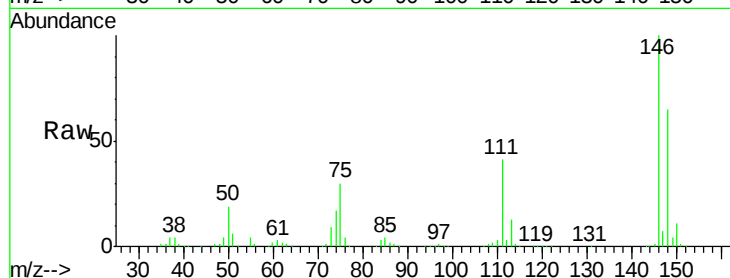
Tot Ion:146 Resp: 463647

Ion Ratio Lower Upper

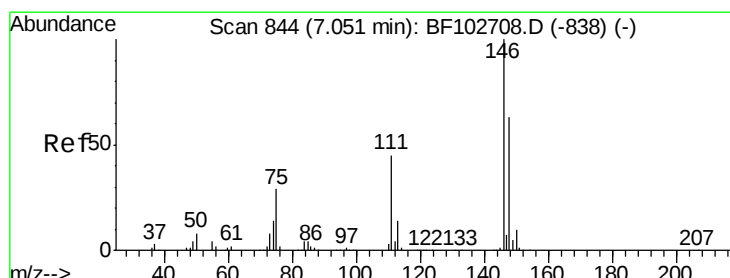
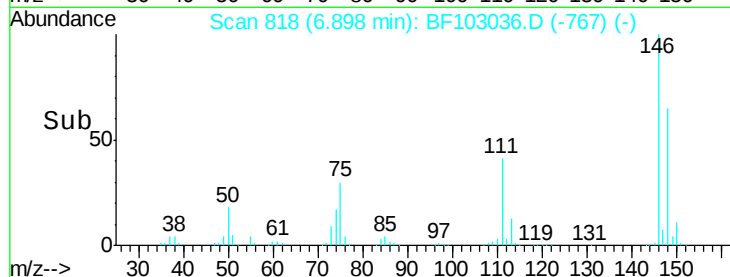
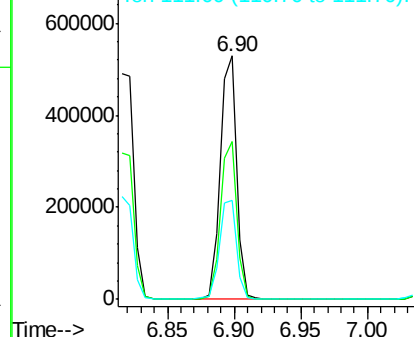
146 100

148 64.6 50.8 76.2

111 40.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.39 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

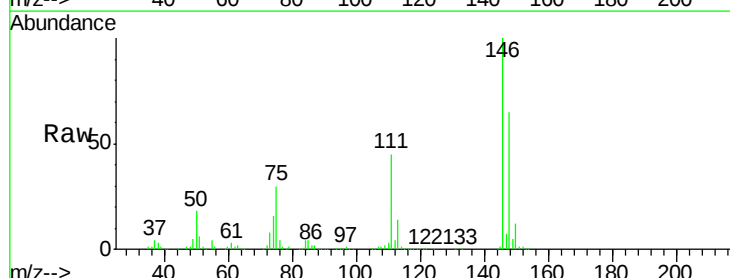
Tgt Ion:146 Resp: 427267

Ion Ratio Lower Upper

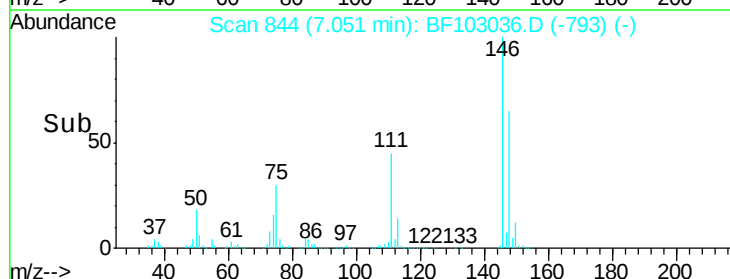
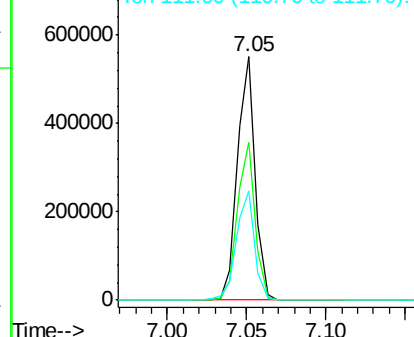
146 100

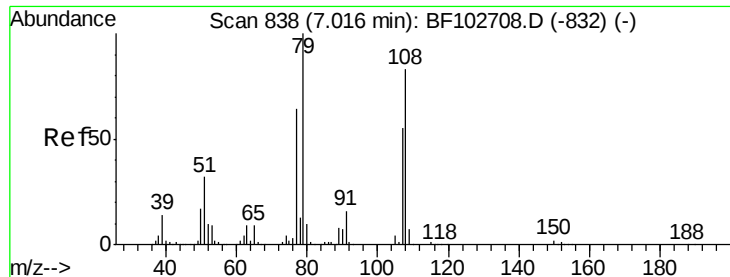
148 64.6 50.6 75.8

111 44.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.55 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

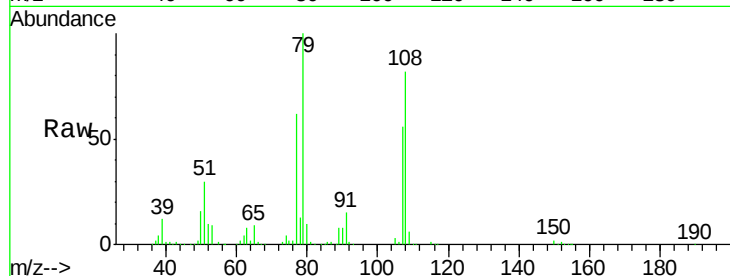
Tot Ion: 79 Resp: 358971

Ion Ratio Lower Upper

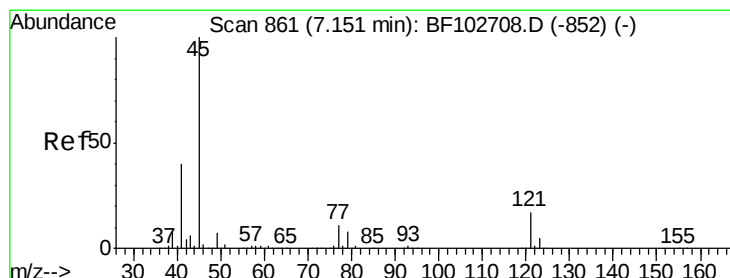
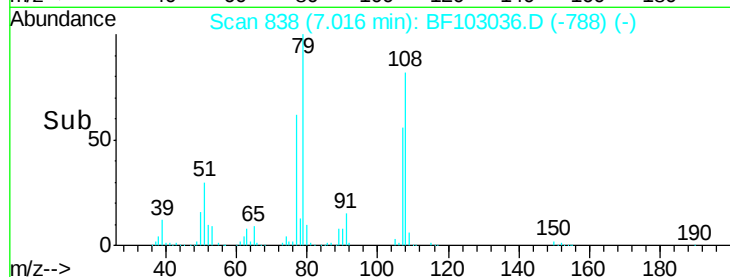
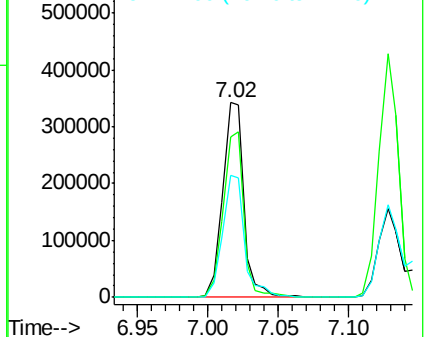
79 100

108 82.2 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: 36.03 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

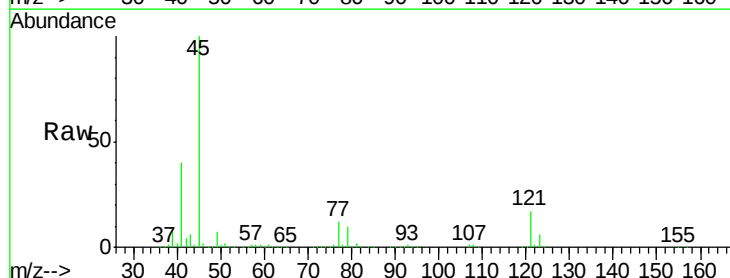
Tgt Ion: 45 Resp: 720555

Ion Ratio Lower Upper

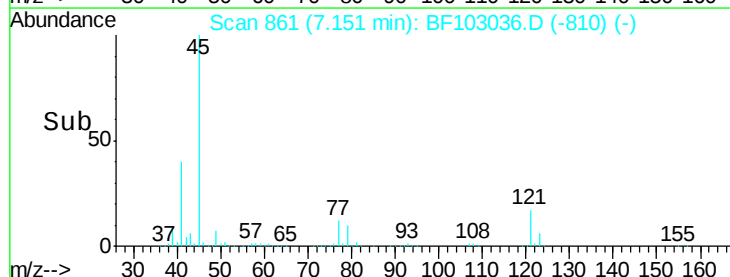
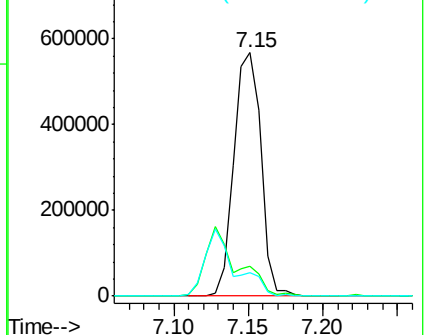
45 100

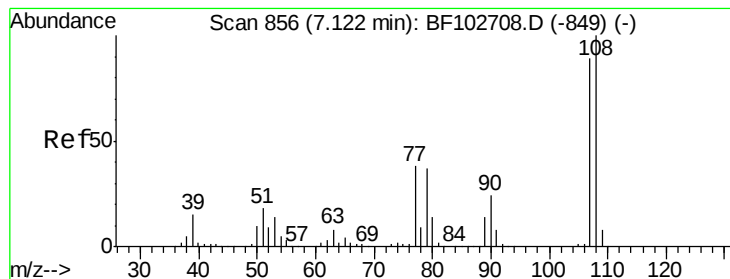
77 12.2 0.0 32.9

79 9.6 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

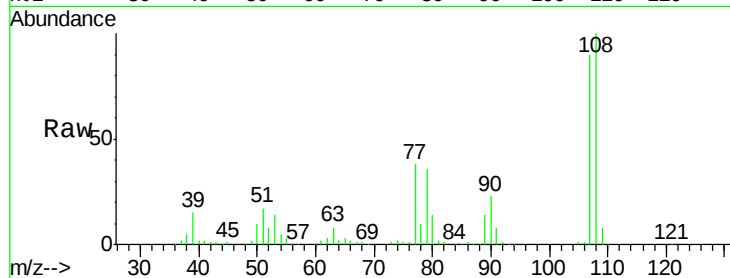




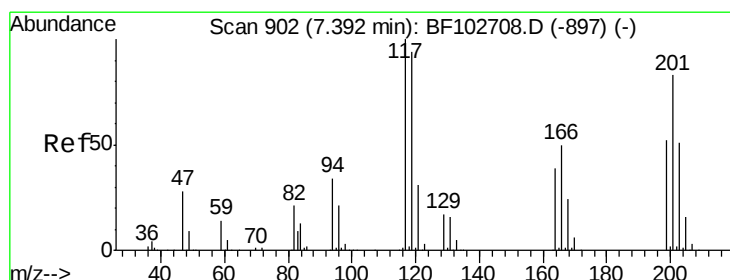
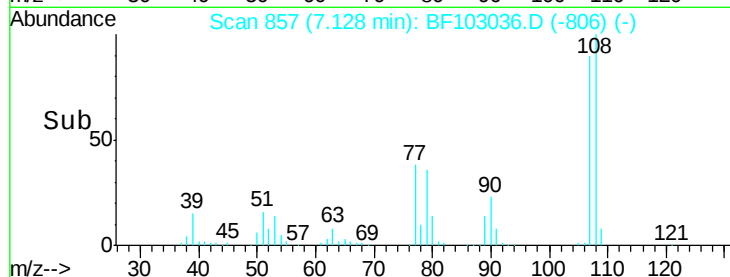
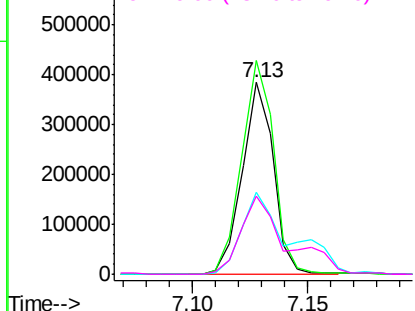
#17
2-Methylphenol
Concen: 38.93 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 362486
Ion Ratio Lower Upper
107 100
108 111.6 91.7 137.5
77 42.5 33.8 50.8
79 40.5 33.8 50.8

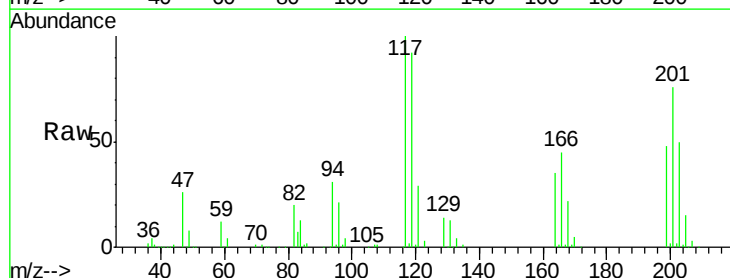


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

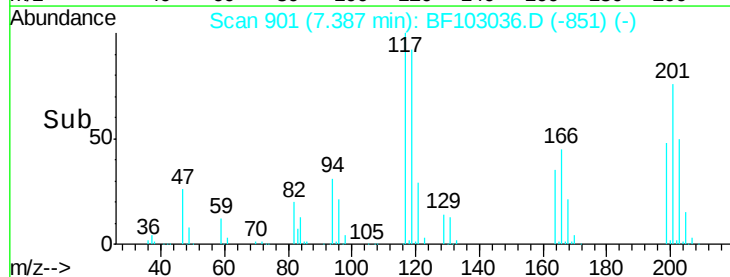
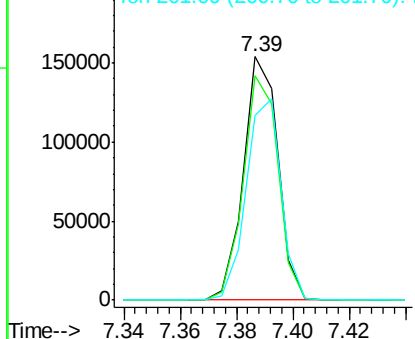


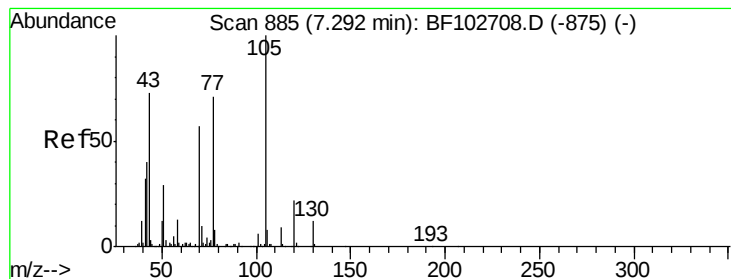
#18
Hexachloroethane
Concen: 32.72 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:117 Resp: 130644
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.8
201 75.9 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: 36.43 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 283550

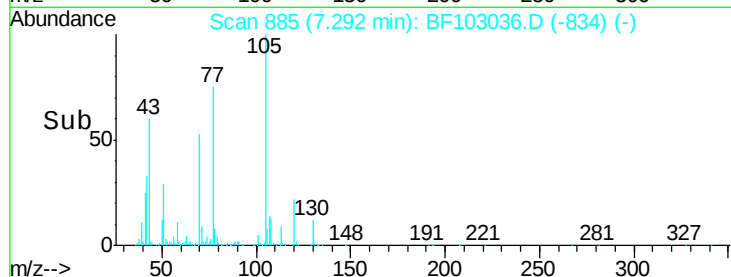
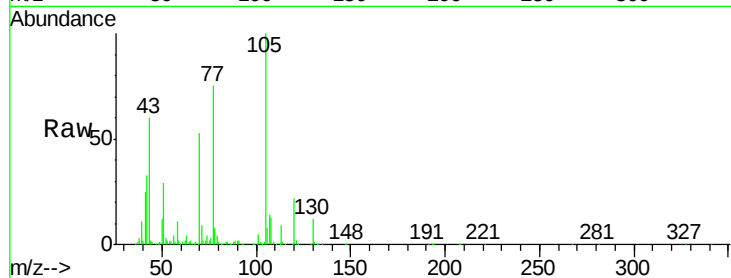
Ion Ratio Lower Upper

70 100

42 62.0 47.5 71.3

101 10.3 7.4 11.2

130 22.2 16.6 25.0

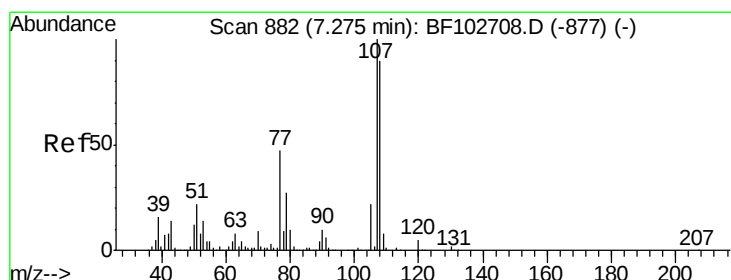
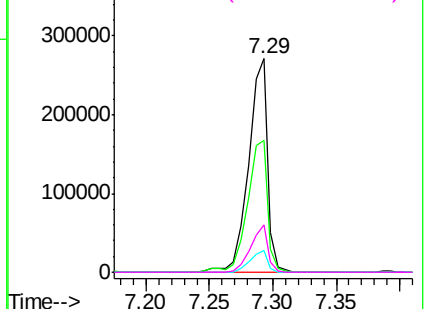


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 37.16 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Tgt Ion: 107 Resp: 426739

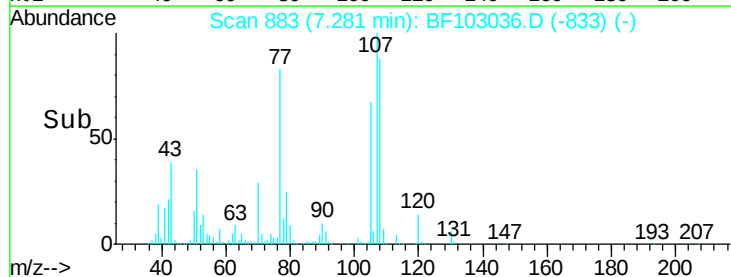
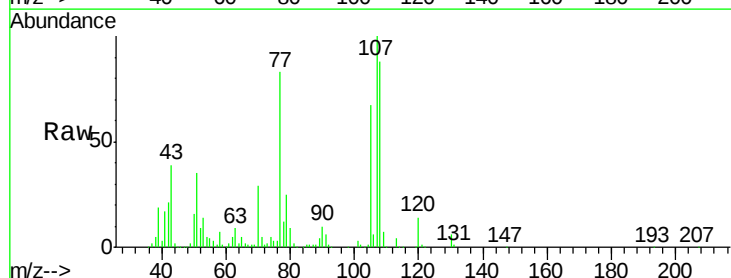
Ion Ratio Lower Upper

107 100

108 88.4 68.2 108.2

77 83.2 26.7 66.7#

79 25.4 6.3 46.3

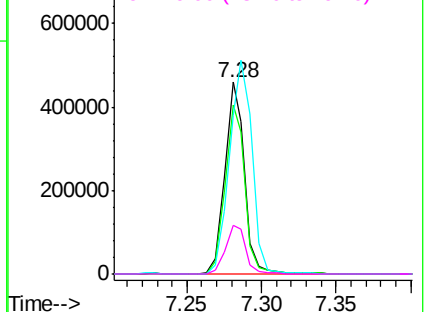


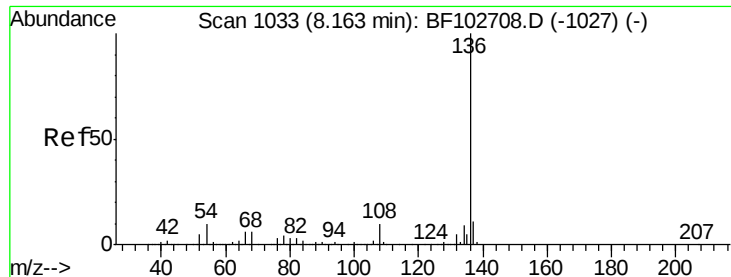
Abundance Ion 107.00 (106.70 to 107.70): BF1

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# 1033

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 628058

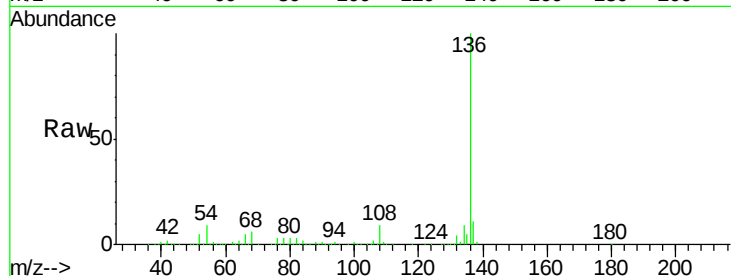
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.4 6.6 9.8

68 6.1 5.0 7.4

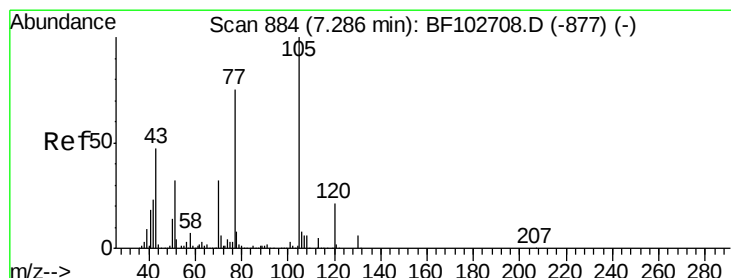
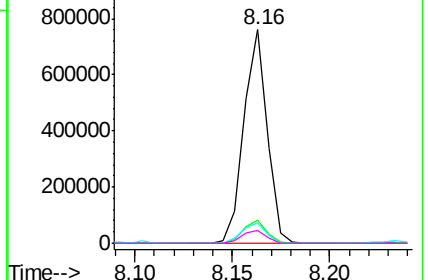
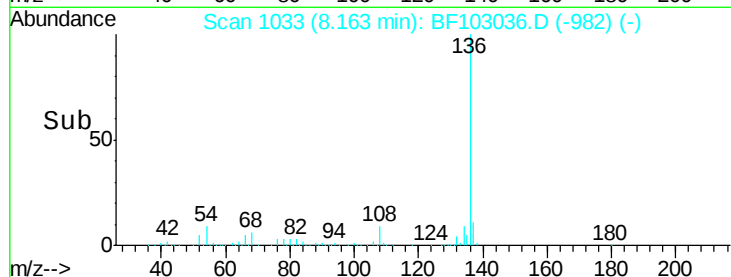


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.39 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Tgt Ion:105 Resp: 559347

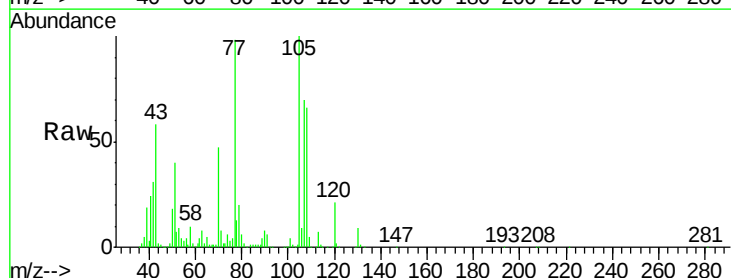
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 39.7 22.3 33.5#

120 21.4 16.9 25.3

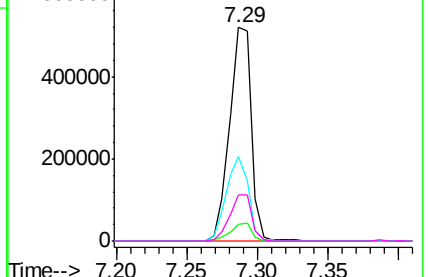
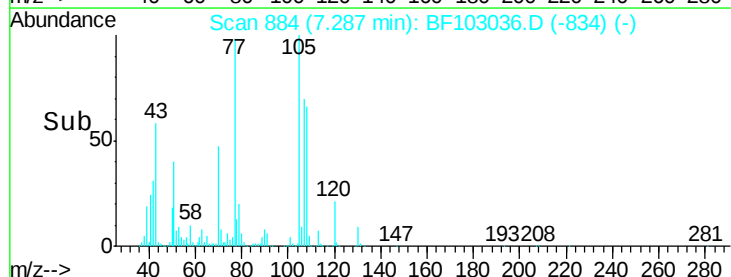


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

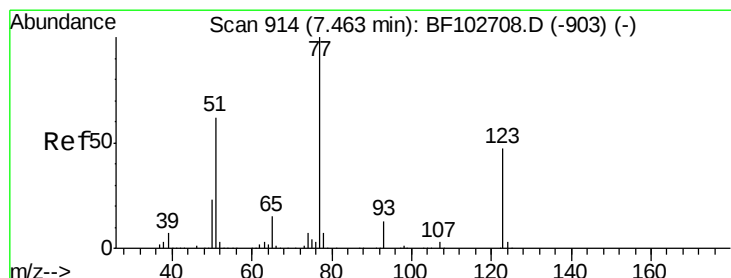
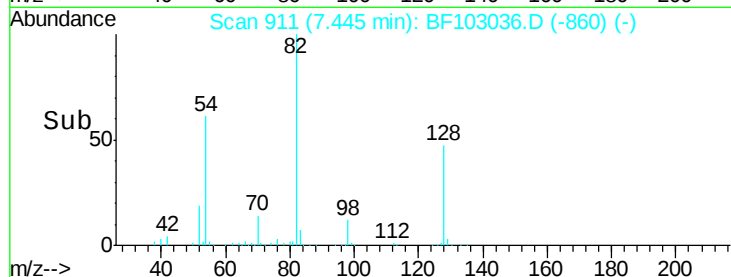
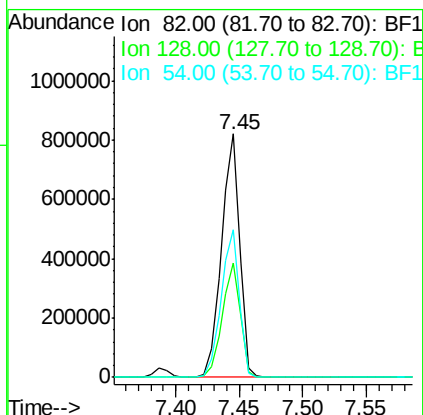
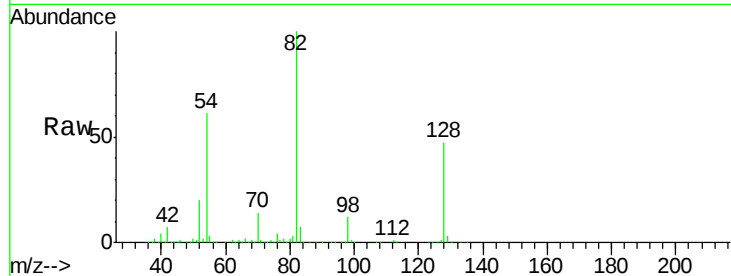




#23
 Nitrobenzene-d5
 Concen: 90.43 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

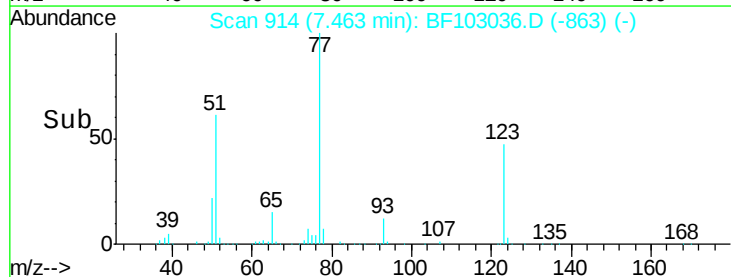
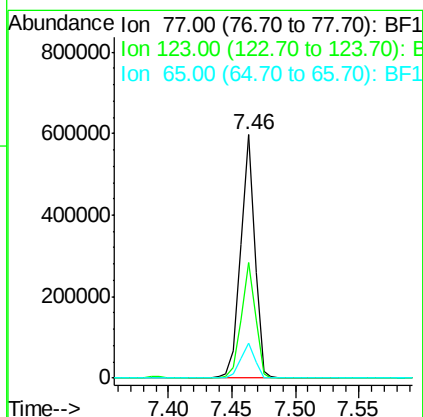
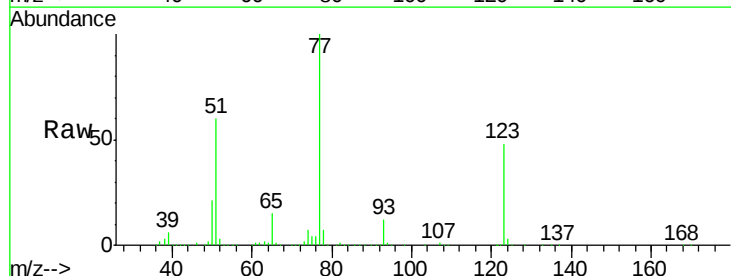
Instrument :
 BNA_F
 ClientSampleId :

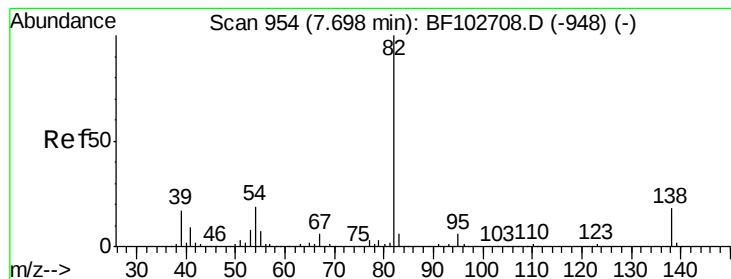
Tot Ion	82	Resp	818736
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	60.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 42.60 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion	77	Resp	453690
Ion Ratio	Lower	Upper	
77	100		
123	47.6	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 37.30 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampled :

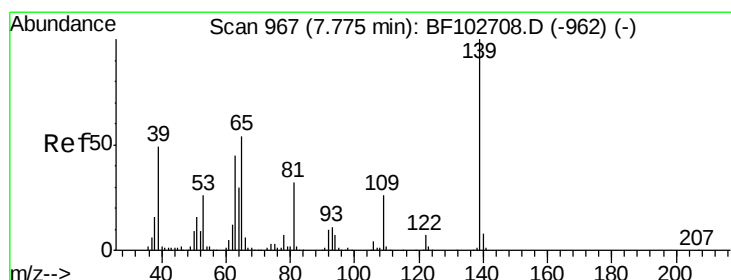
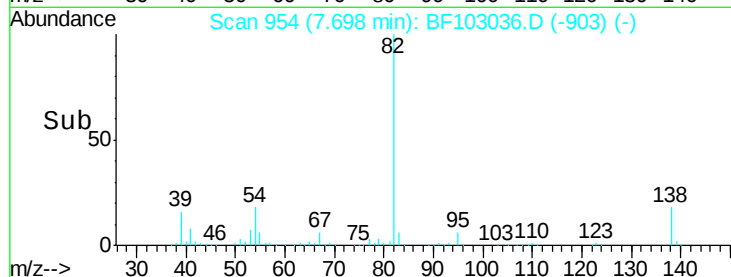
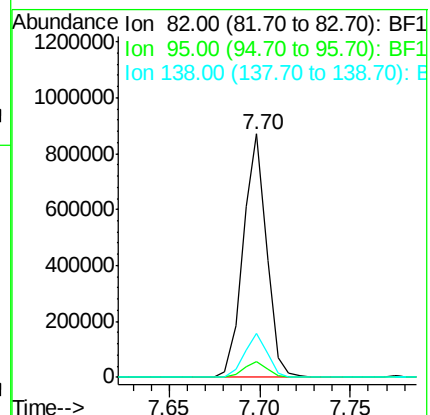
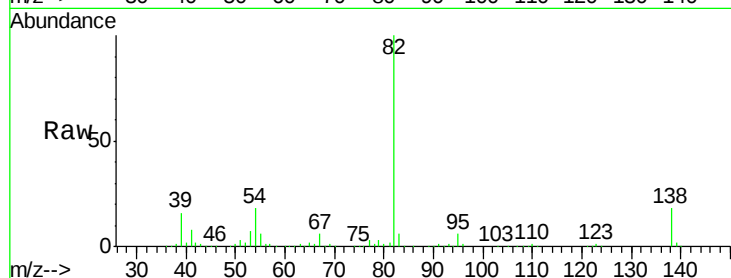
Tot Ion: 82 Resp: 777643

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 36.02 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

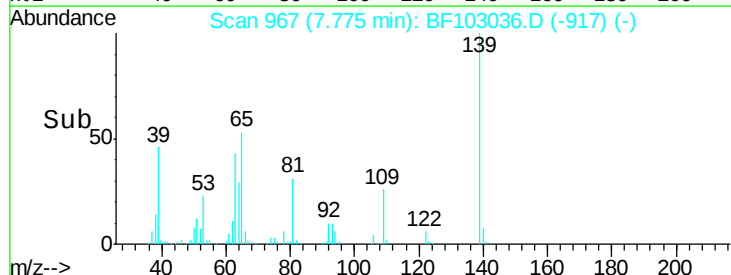
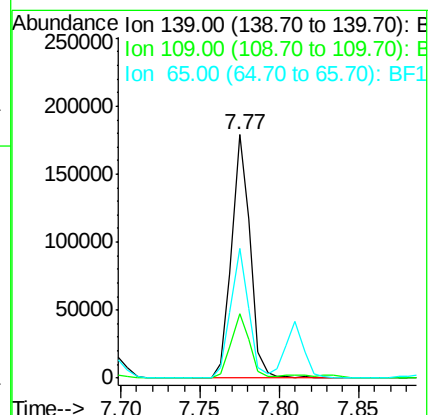
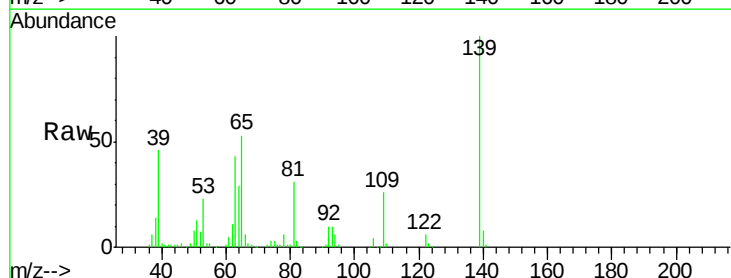
Tgt Ion: 139 Resp: 146021

Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 53.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.89 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

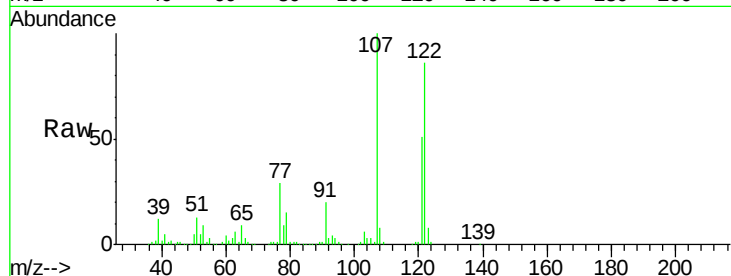
Tot Ion:122 Resp: 324939

Ion Ratio Lower Upper

122 100

107 116.6 91.2 136.8

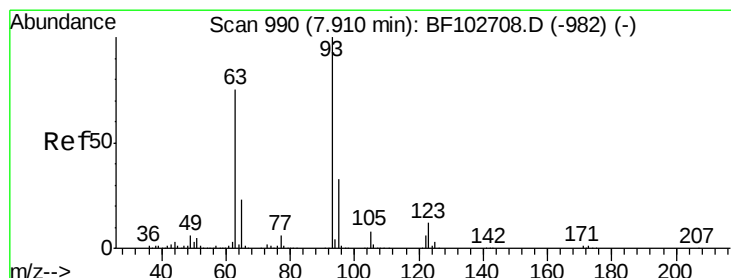
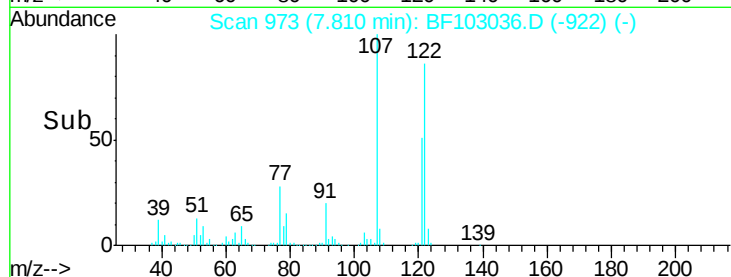
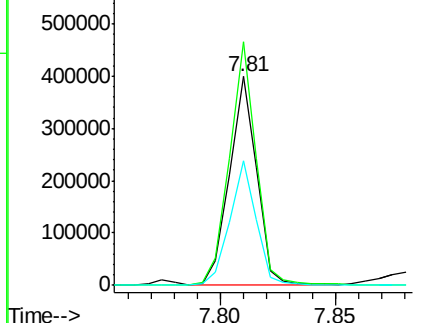
121 59.4 47.2 70.8



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: 39.09 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

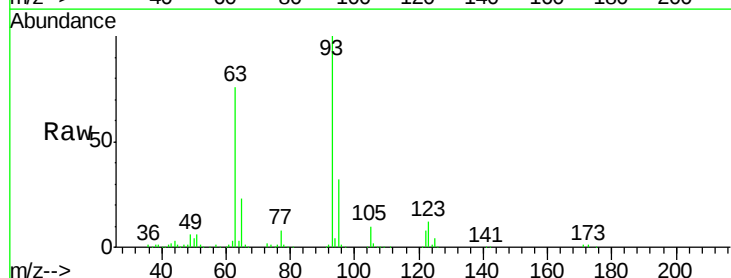
Tgt Ion: 93 Resp: 482775

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

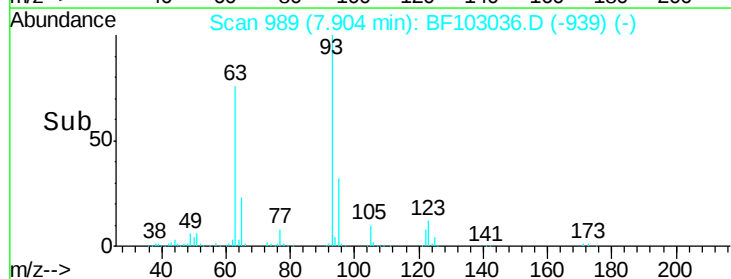
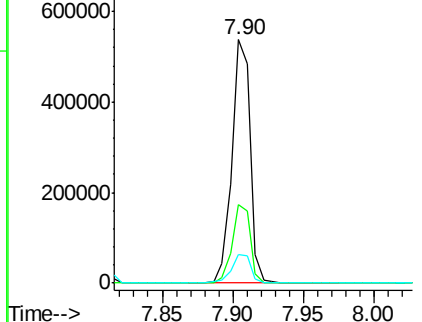
123 11.7 9.8 14.6



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

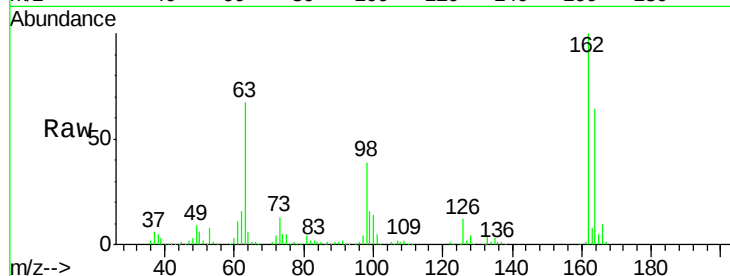




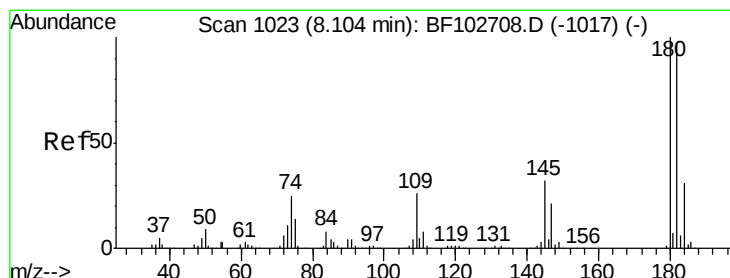
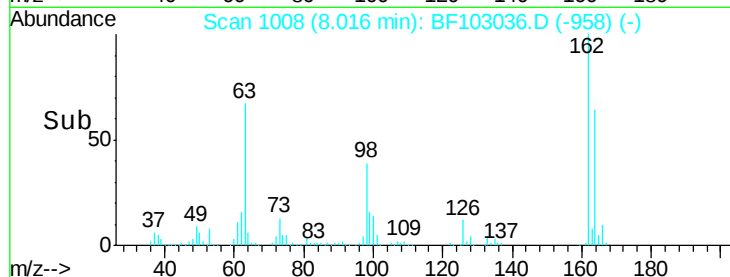
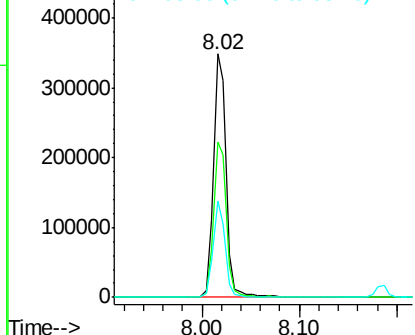
#29
 2,4-Dichlorophenol
 Concen: 38.90 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 311477
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 39.4 18.1 58.1

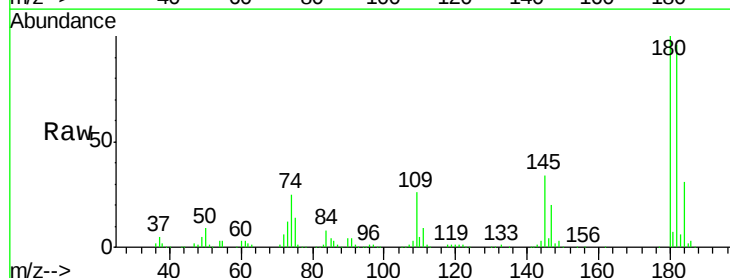


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

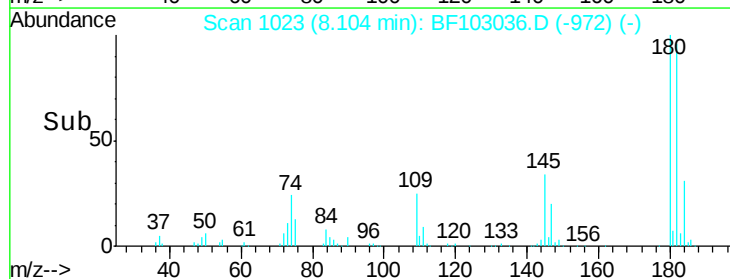
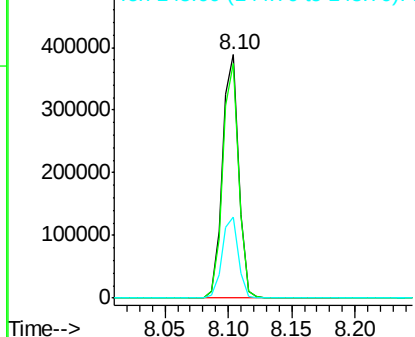


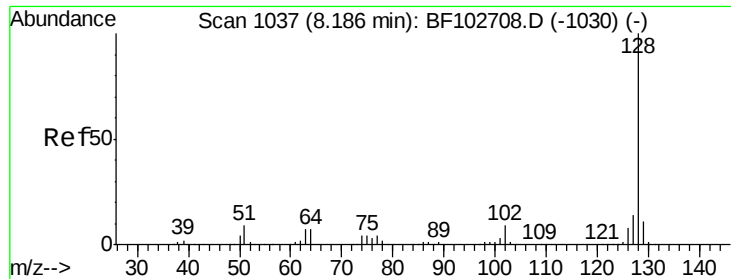
#30
 1,2,4-Trichlorobenzene
 Concen: 38.34 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion:180 Resp: 347258
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.8 115.2
 145 33.5 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

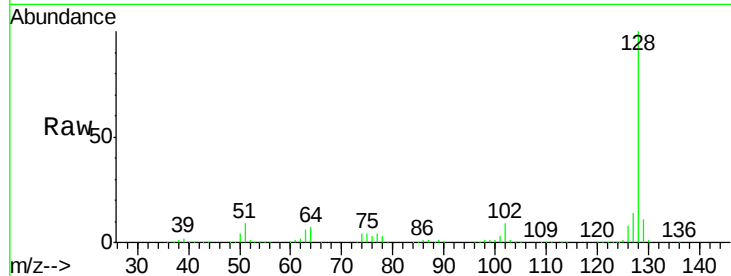




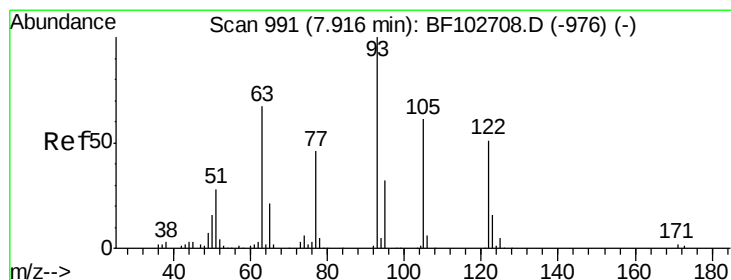
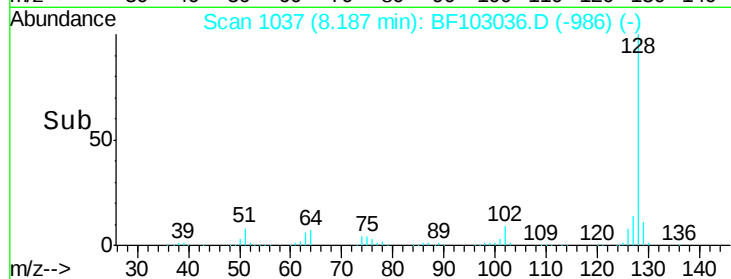
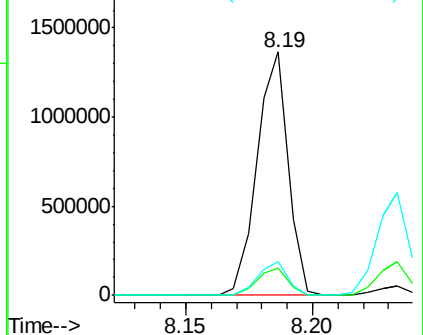
#31
Naphthalene
Concen: 38.14 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1170245
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.9 16.3

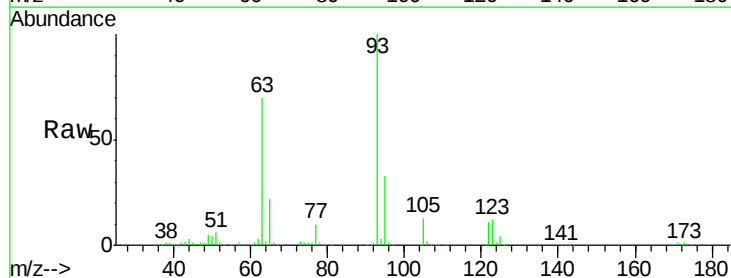


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

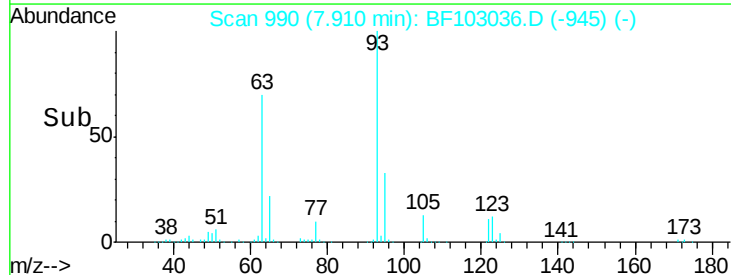
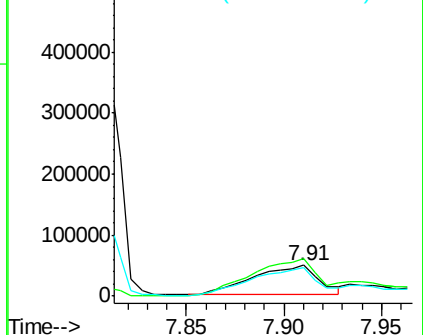


#32
Benzoic acid
Concen: 25.02 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:122 Resp: 113673
Ion Ratio Lower Upper
122 100
105 121.8 101.1 141.1
77 90.9 70.7 110.7



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

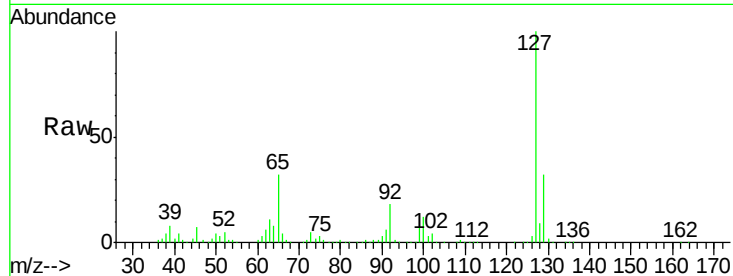




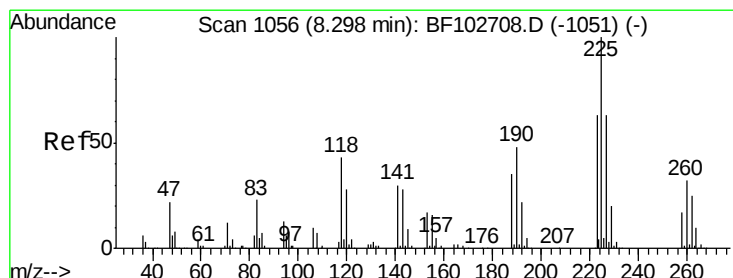
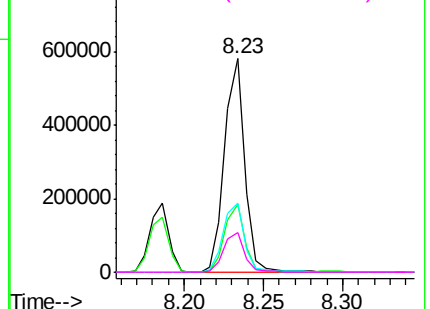
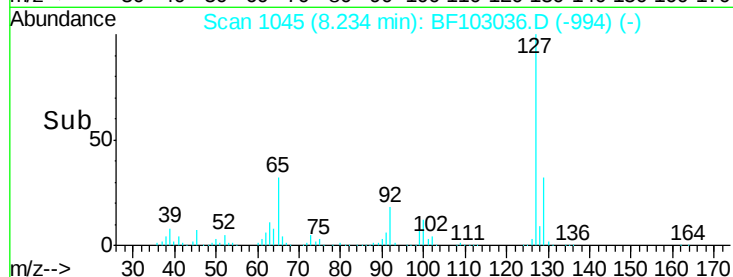
#33
4-Chloroaniline
Concen: 38.67 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	511146
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	32.2	25.0	37.4
92	18.4	15.2	22.8

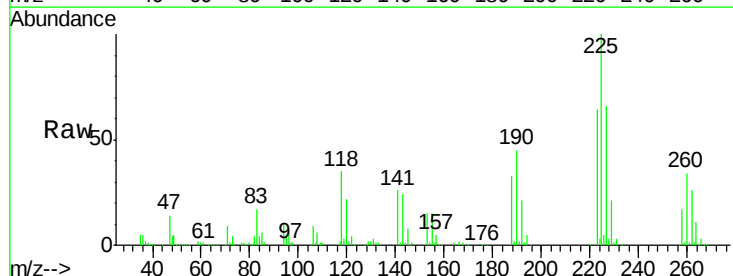


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

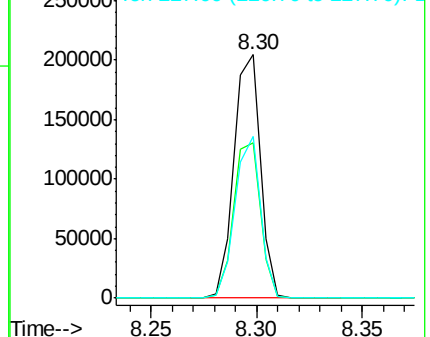
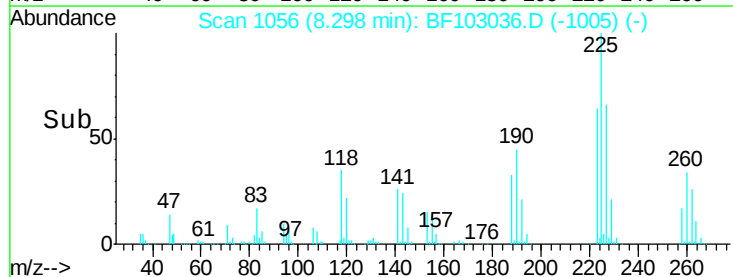


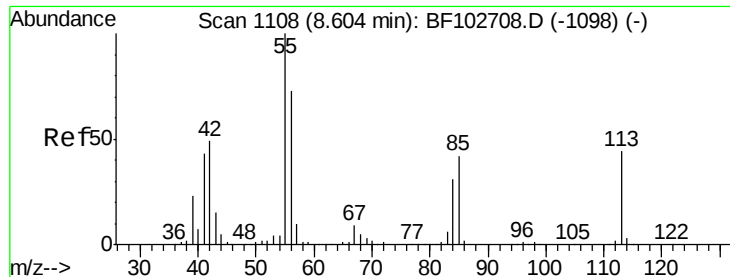
#34
Hexachlorobutadiene
Concen: 38.06 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:	225	Resp:	176635
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	66.2	51.9	77.9



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

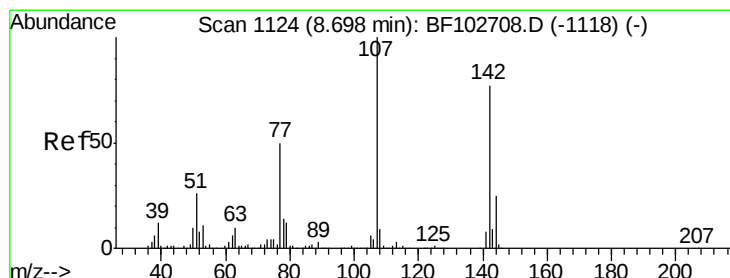
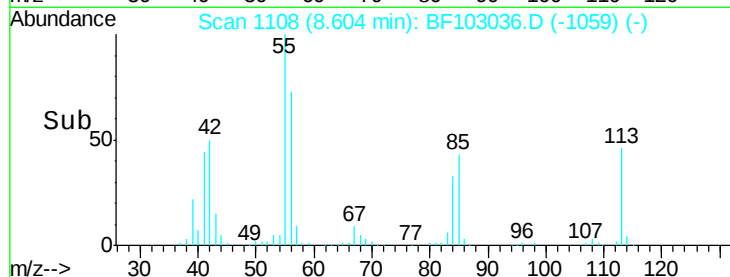
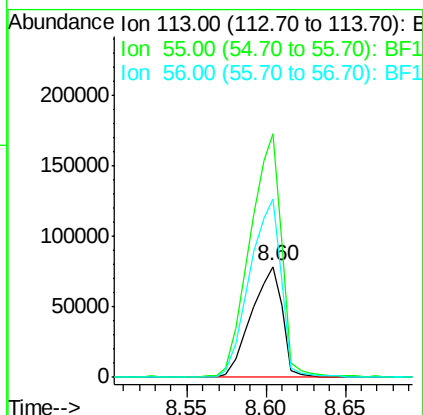
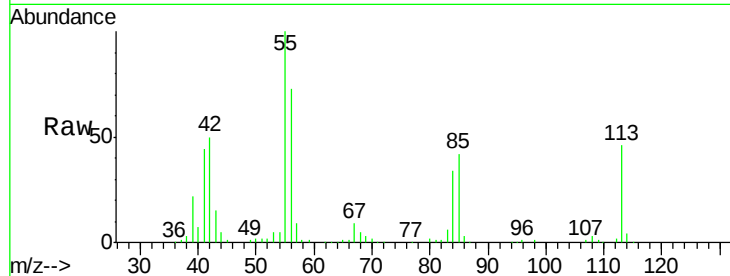




#35
 Caprolactam
 Concen: 38.63 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

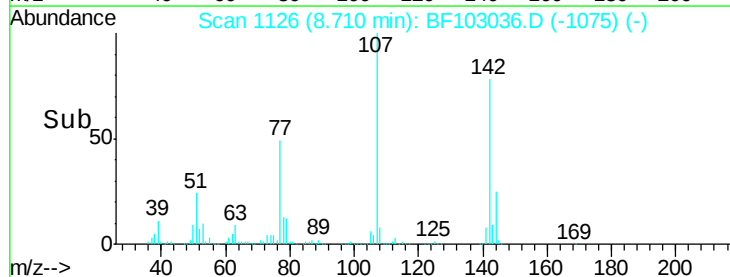
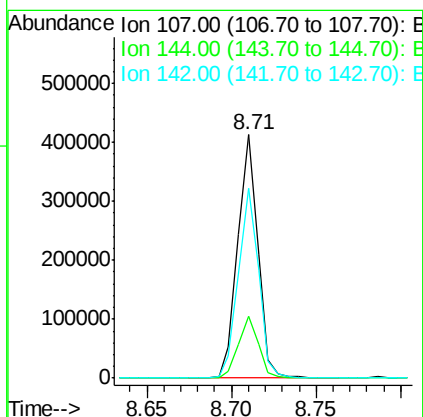
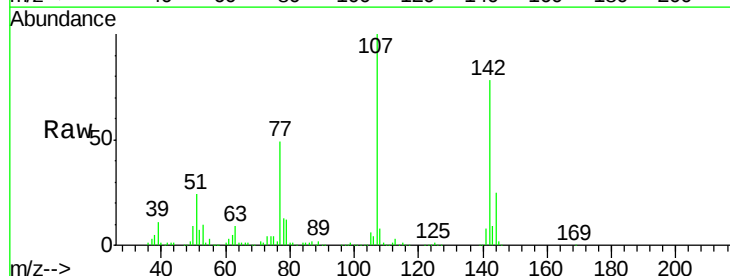
Instrument :
 BNA_F
 ClientSampleId :

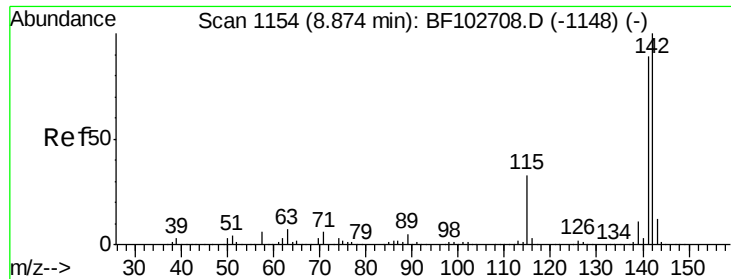
Tot Ion:113 Resp: 107419
 Ion Ratio Lower Upper
 113 100
 55 219.7 163.3 203.3#
 56 161.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.25 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion:107 Resp: 344098
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 78.2 62.0 93.0

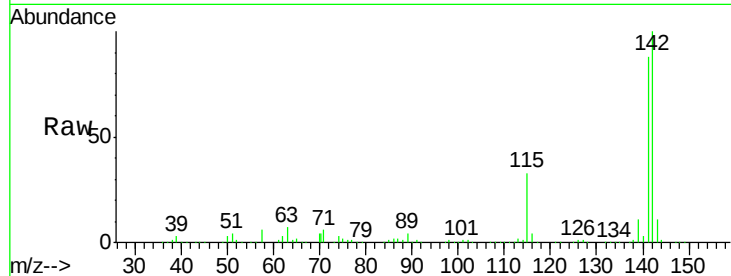




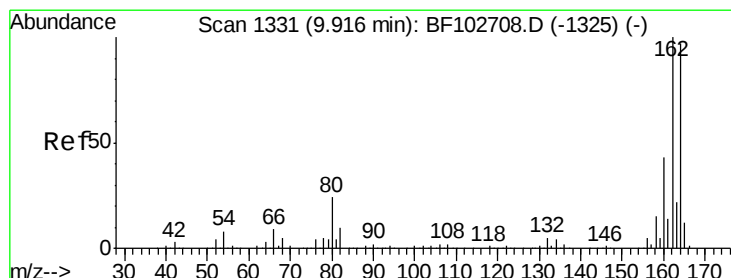
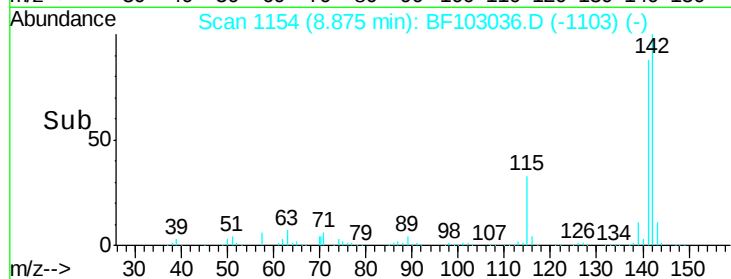
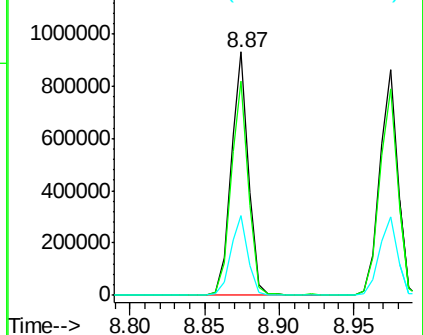
#37
 2-Methylnaphthalene
 Concen: 37.81 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	32.7	26.1	39.1

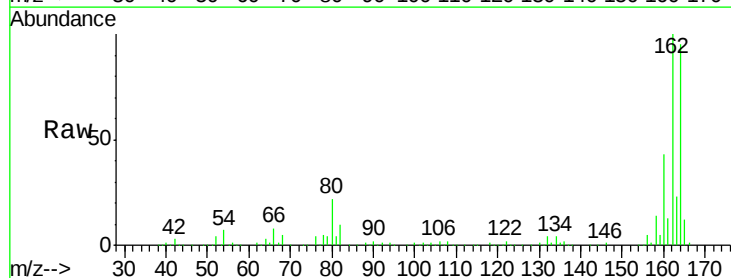


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

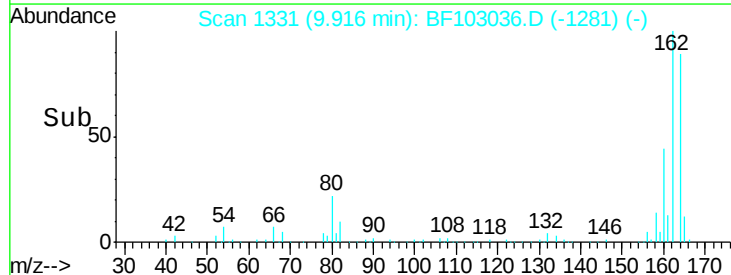
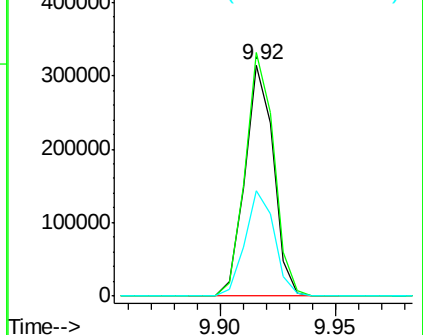


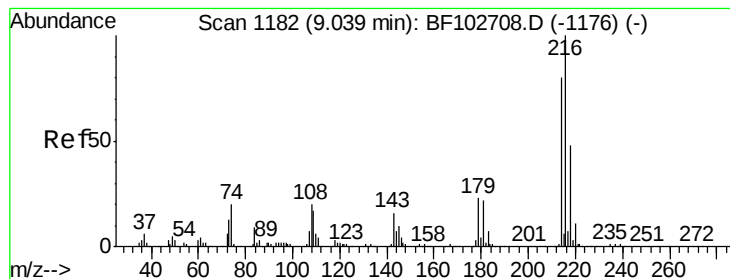
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.6	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.08 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 304716

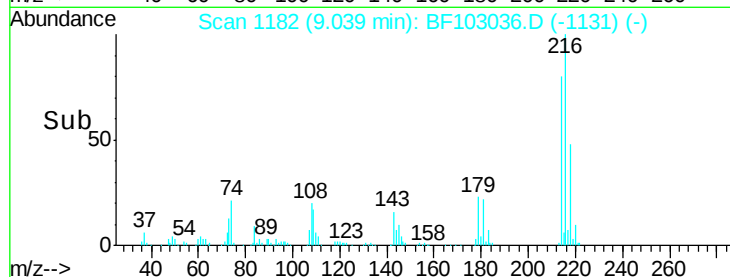
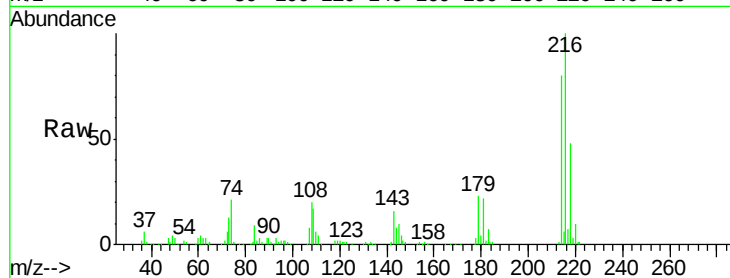
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 23.0 18.1 27.1

108 20.9 17.2 25.8

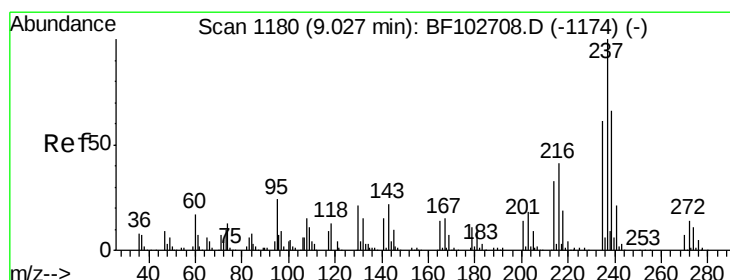
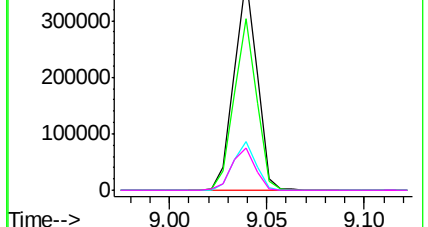


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.90 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

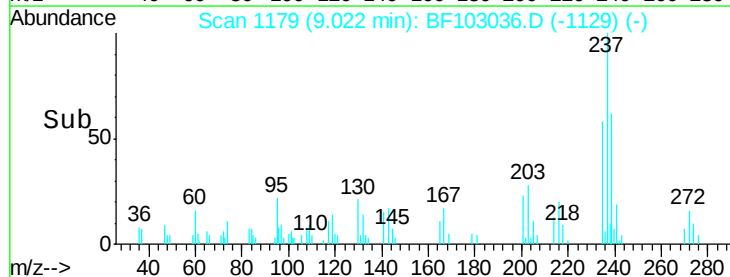
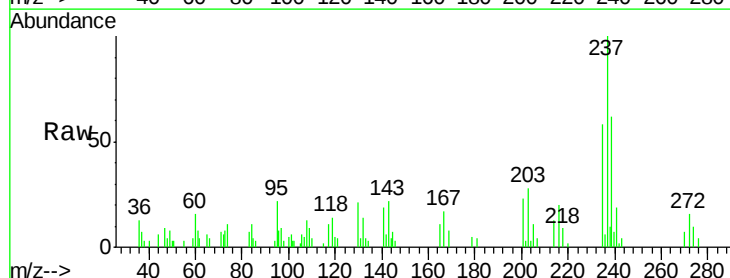
Tgt Ion:237 Resp: 10219

Ion Ratio Lower Upper

237 100

235 58.2 44.8 84.8

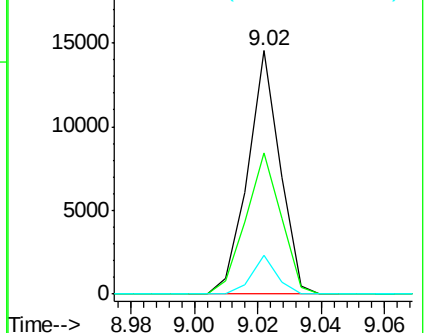
272 16.0 0.0 33.3

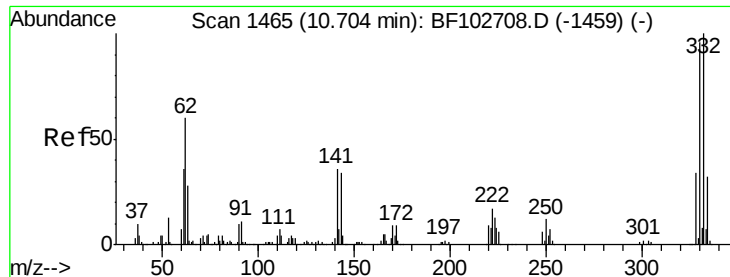


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

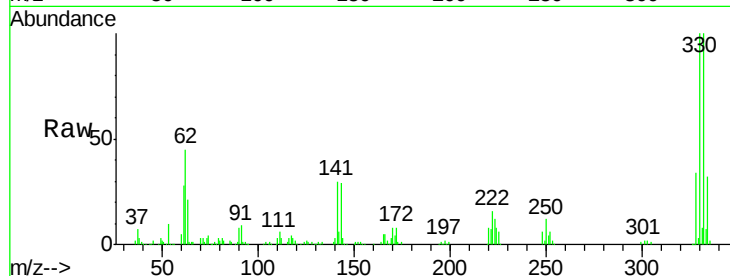




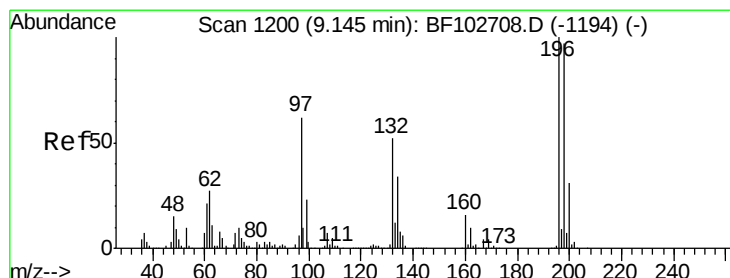
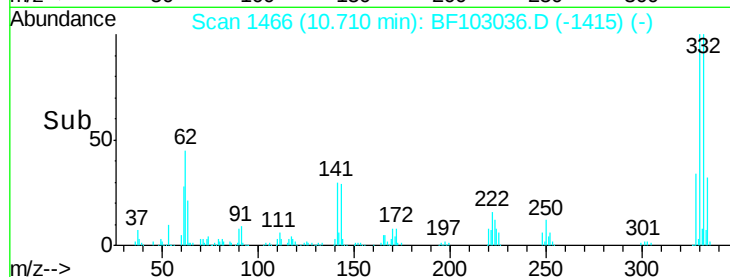
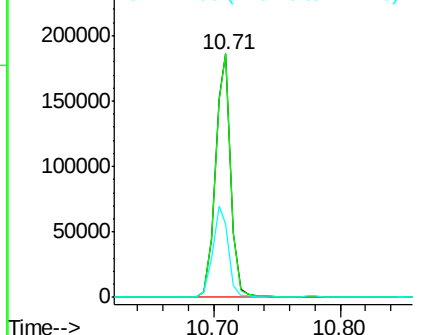
#41
 2,4,6-Tribromophenol
 Concen: 72.66 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 159299
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.0 115.6
 141 38.3 29.9 44.9

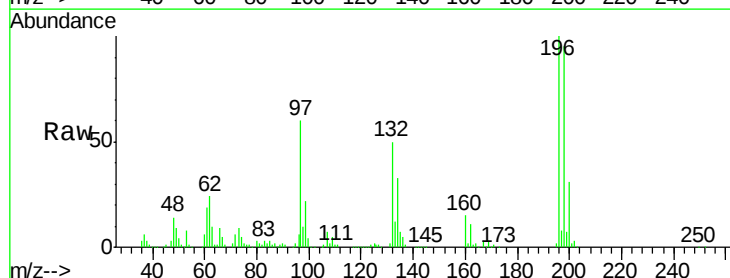


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

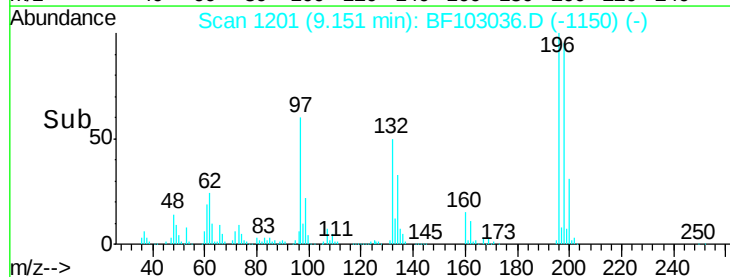
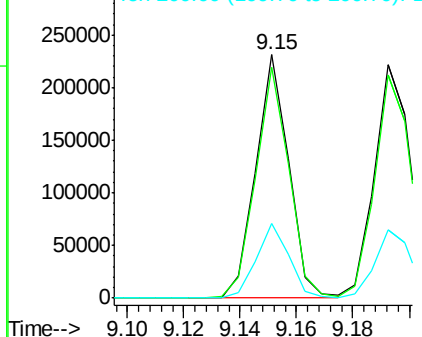


#42
 2,4,6-Trichlorophenol
 Concen: 38.56 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion:196 Resp: 187837
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.6 24.5 36.7



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

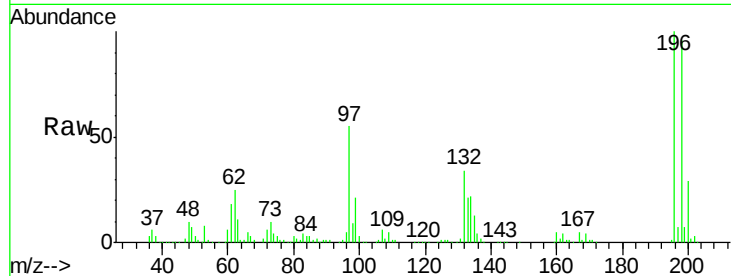




#43
2,4,5-Trichlorophenol
Concen: 37.65 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	54.9	42.9	64.3
132	33.6	26.3	39.5



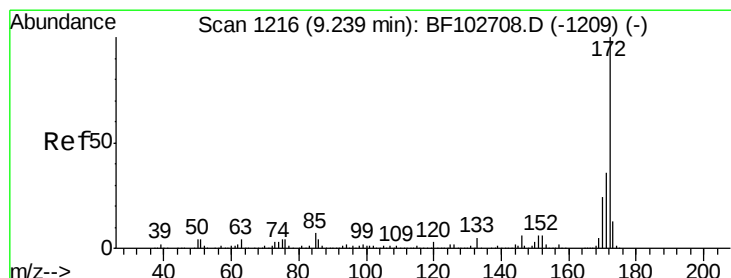
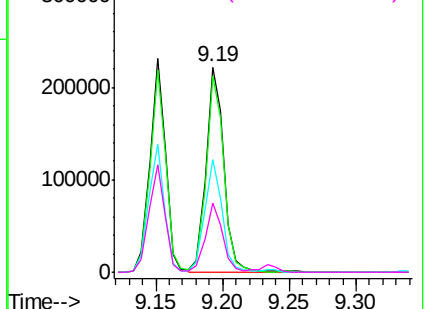
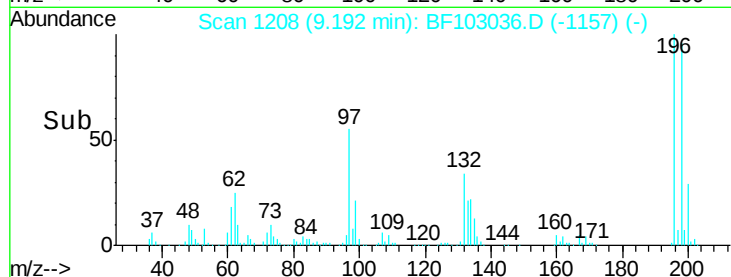
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

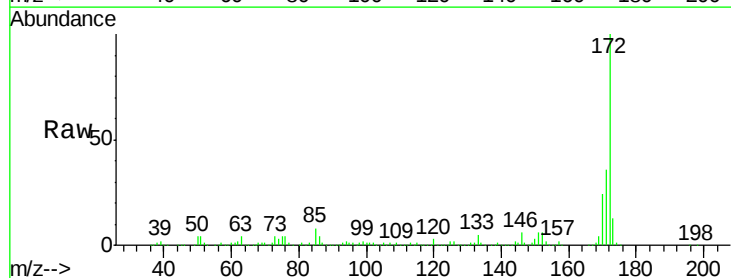
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 80.21 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

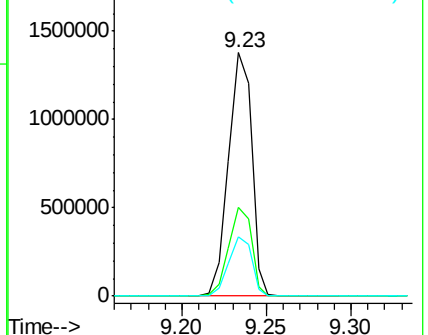
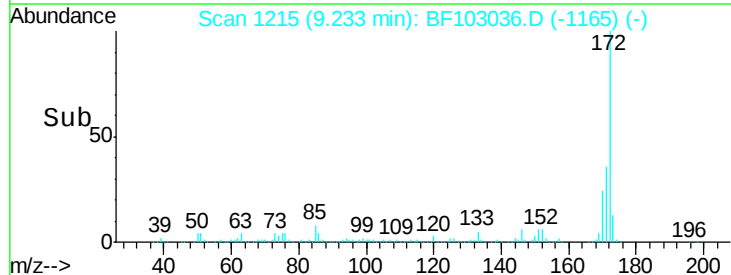


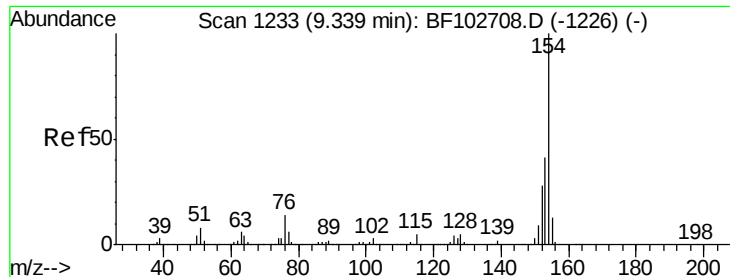
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

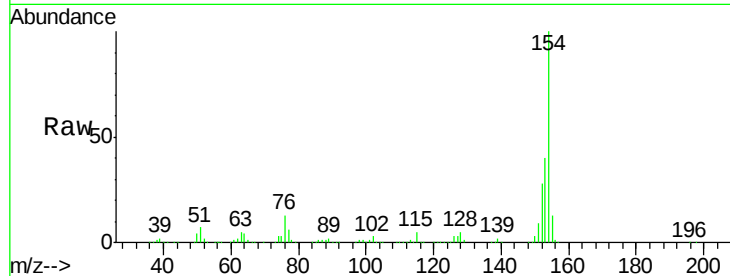




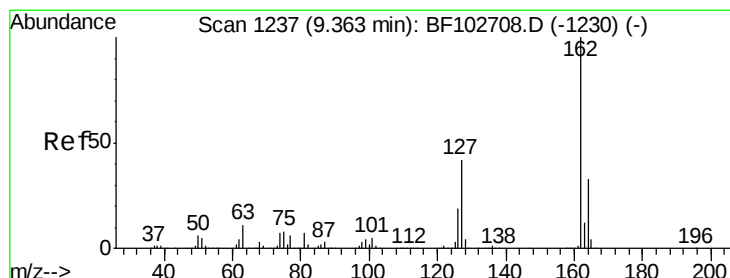
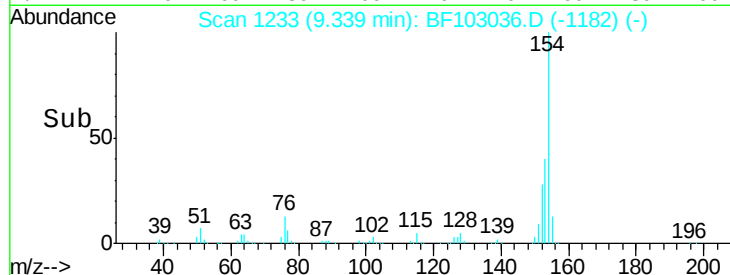
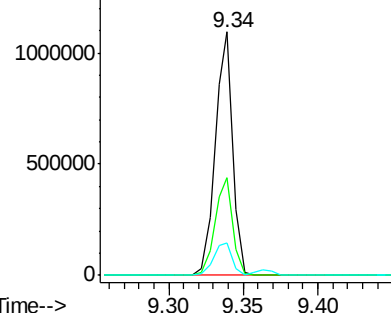
#45
 1,1'-Biphenyl
 Concen: 39.37 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	13.3	0.0	34.0

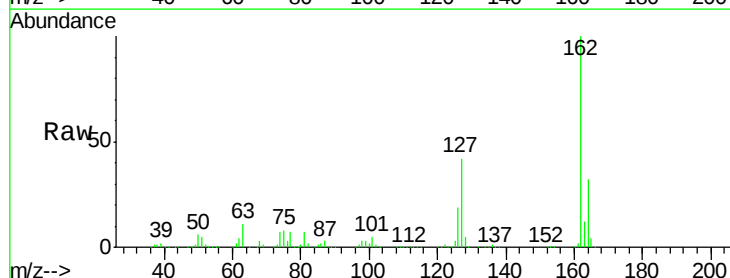


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

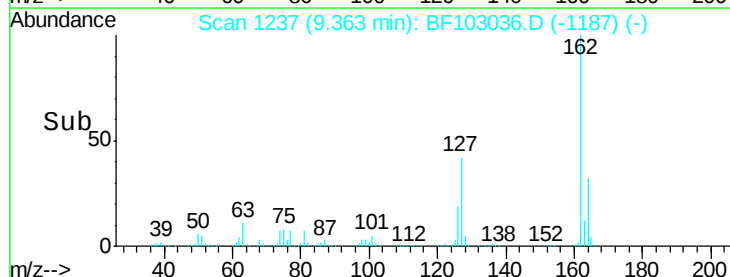
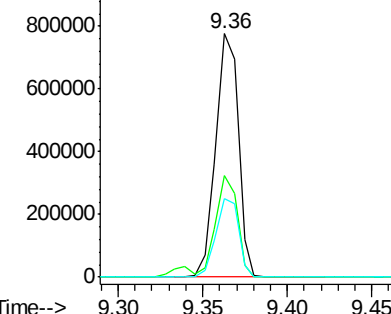


#46
 2-Chloronaphthalene
 Concen: 39.82 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	32.3	26.5	39.7



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





#47

2-Nitroaniline

Concen: 49.13 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

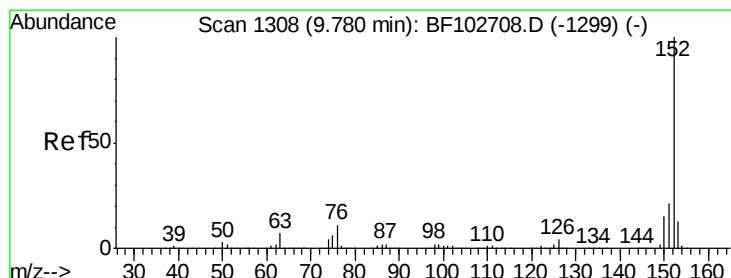
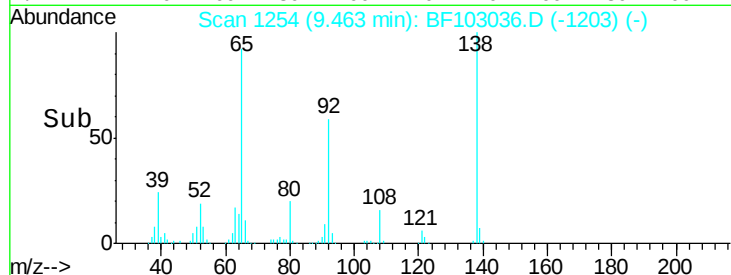
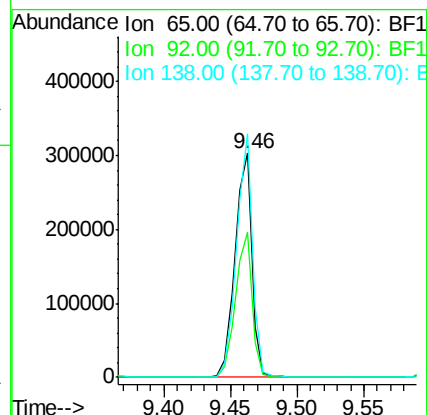
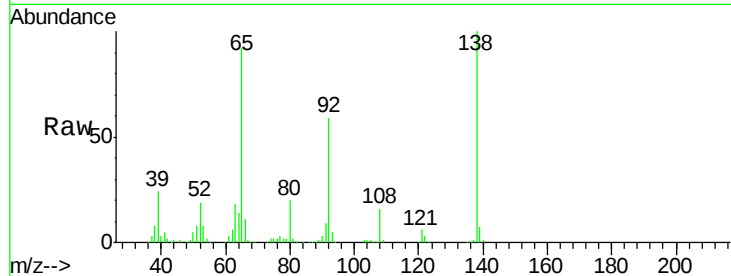
Tot Ion: 65 Resp: 274353

Ion Ratio Lower Upper

65 100

92 64.5 55.8 83.6

138 108.7 91.2 136.8



#48

Acenaphthylene

Concen: 38.32 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

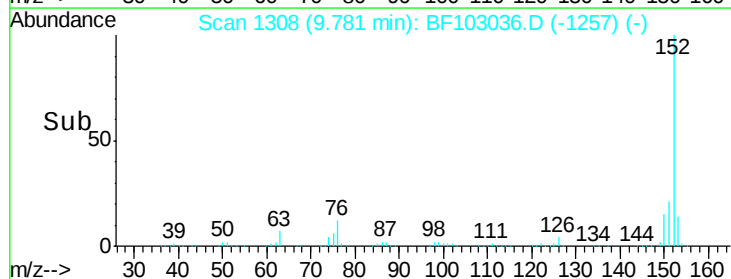
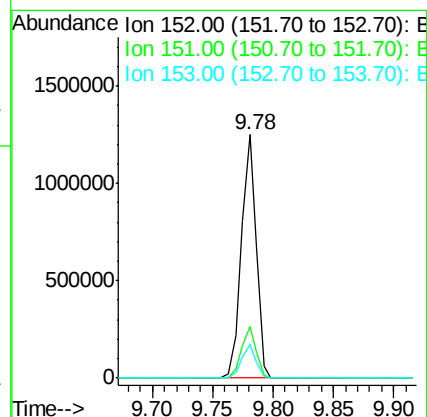
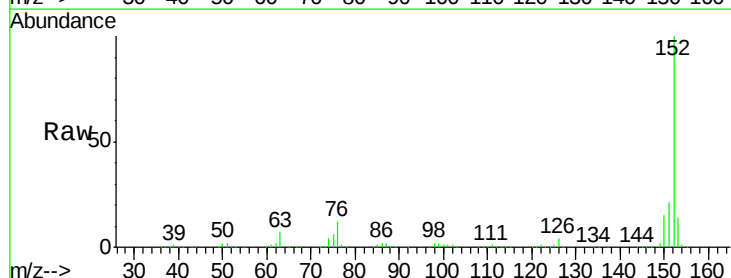
Tgt Ion: 152 Resp: 1075111

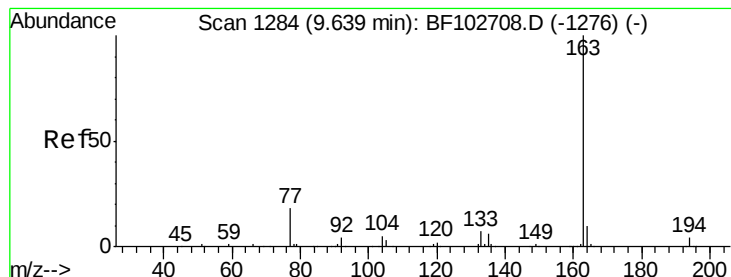
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 39.95 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampled :

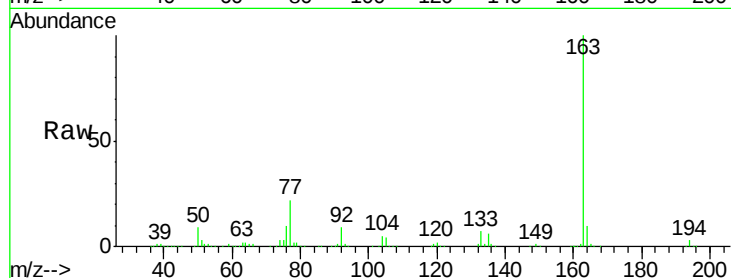
Tot Ion:163 Resp: 848530

Ion Ratio Lower Upper

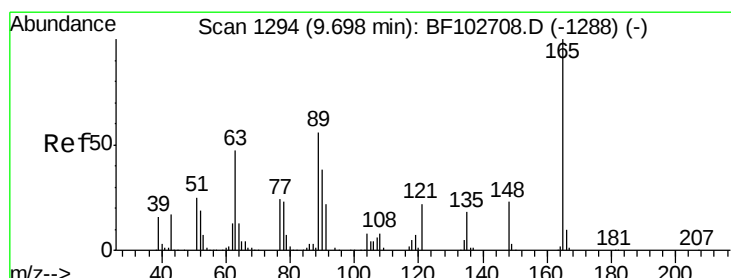
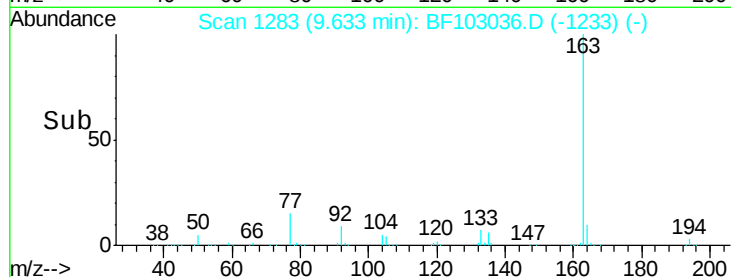
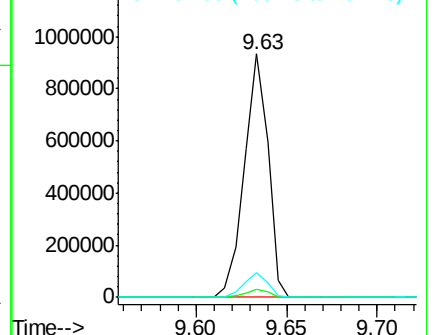
163 100

194 3.4 2.7 4.1

164 10.2 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: 39.93 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

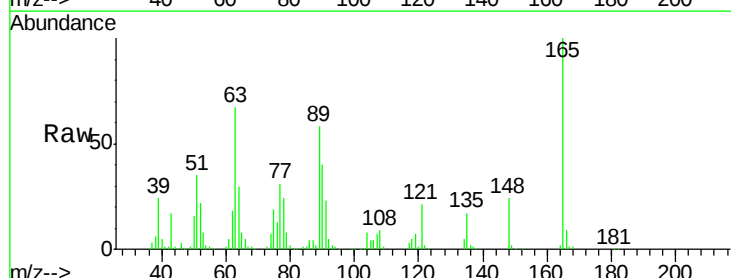
Tgt Ion:165 Resp: 161339

Ion Ratio Lower Upper

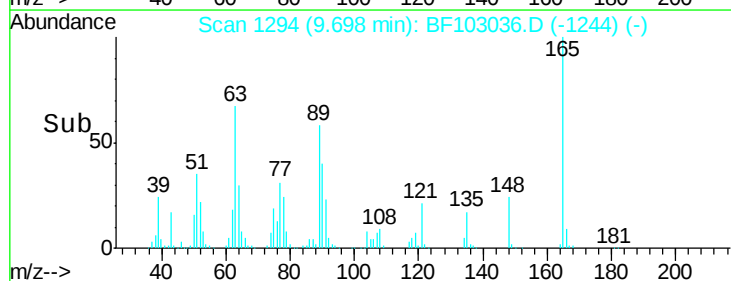
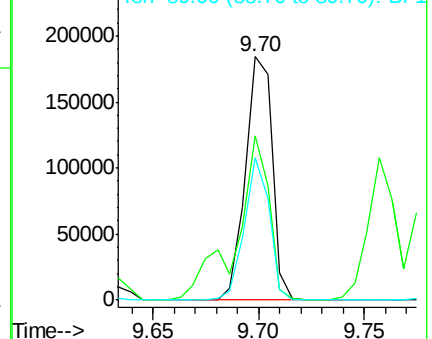
165 100

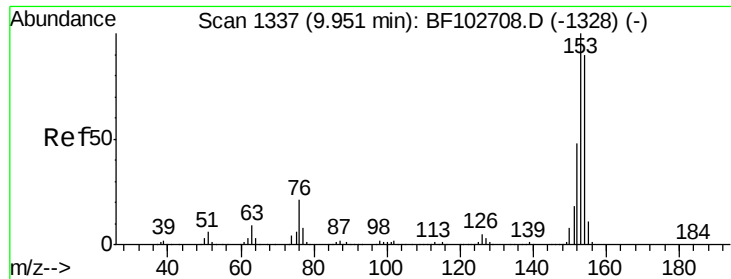
63 67.2 44.7 67.1#

89 58.4 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: 36.92 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

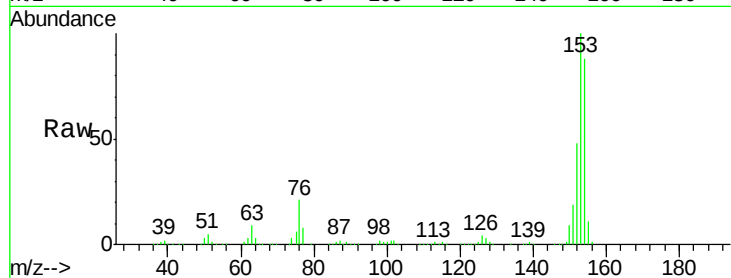
Tot Ion:154 Resp: 619401

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

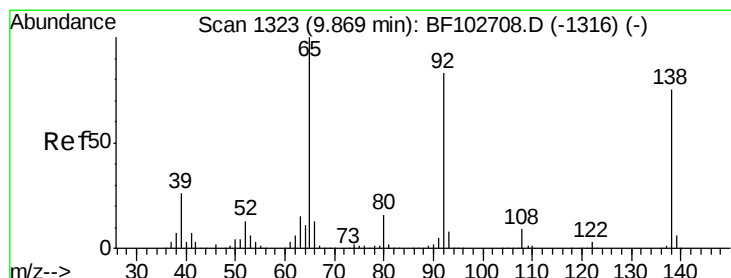
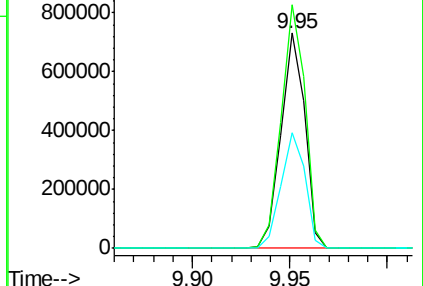
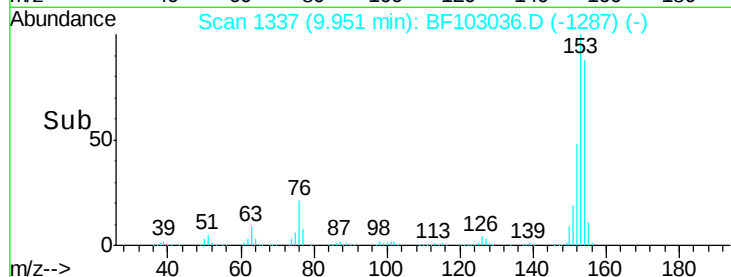
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 49.60 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

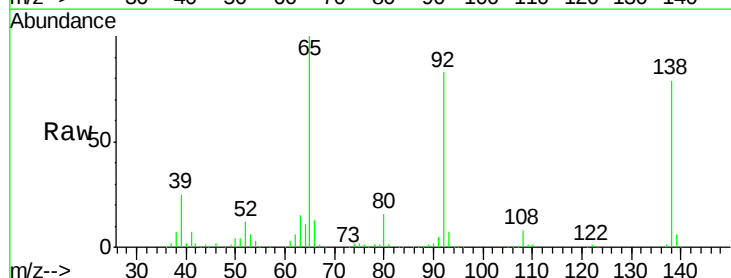
Tgt Ion:138 Resp: 246611

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

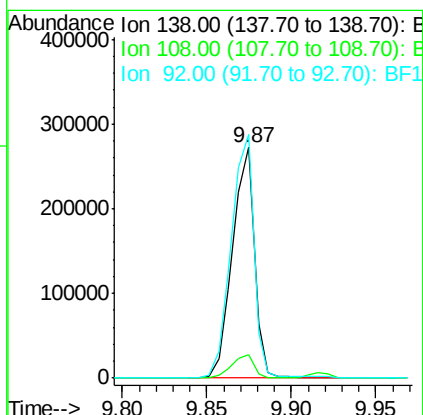
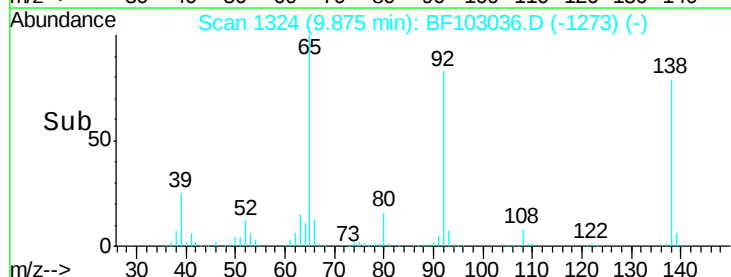
92 105.6 89.4 134.2

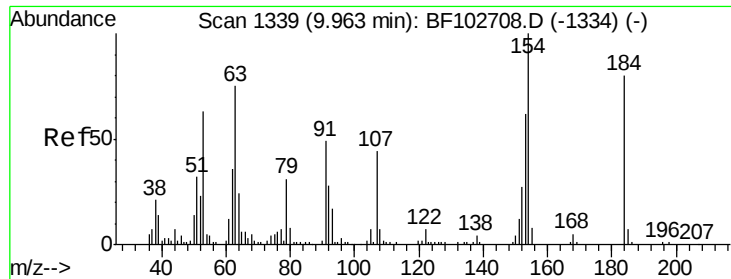


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

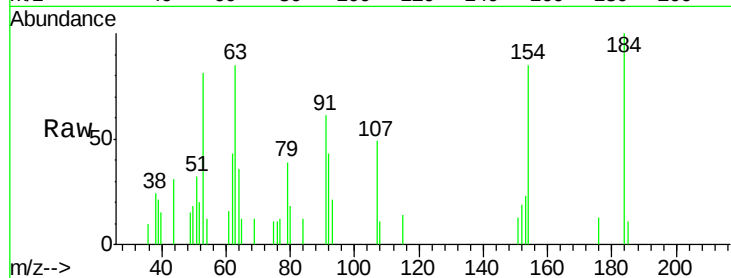




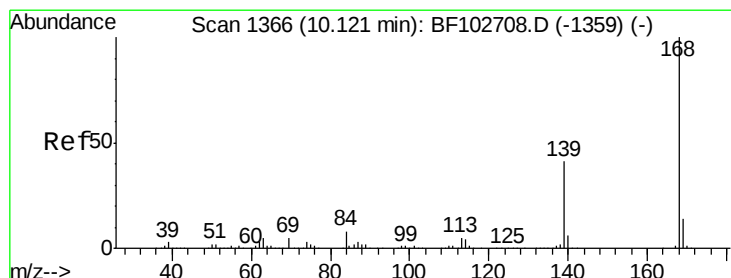
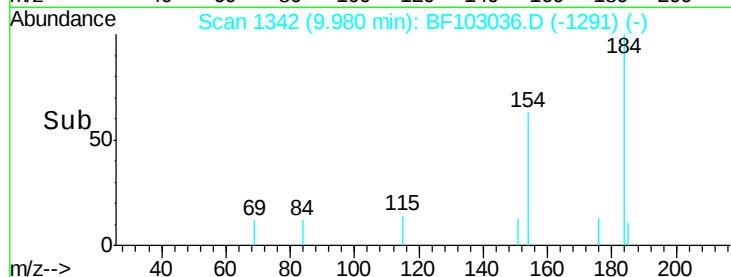
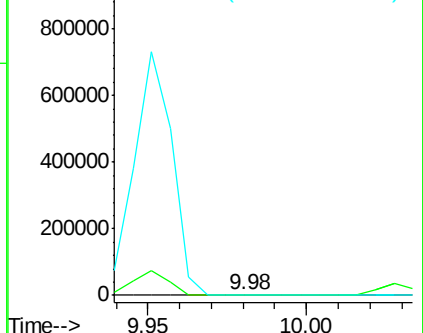
#53
2,4-Dinitrophenol
Concen: 11.61 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 2699
Ion Ratio Lower Upper
184 100
63 85.2 54.2 81.2#
154 84.7 184.0 276.0#

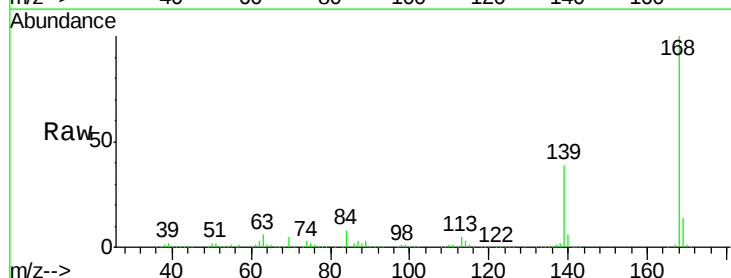


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

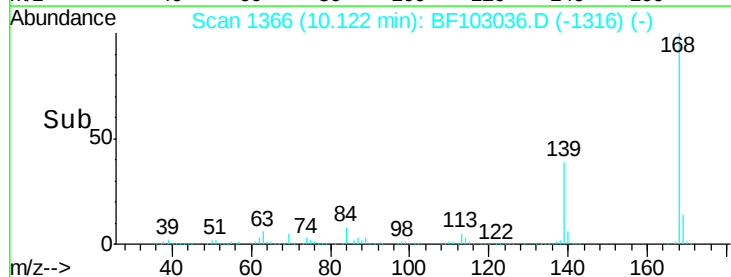
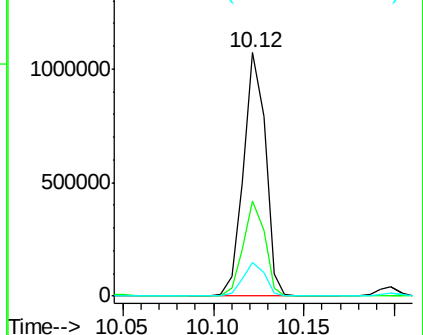


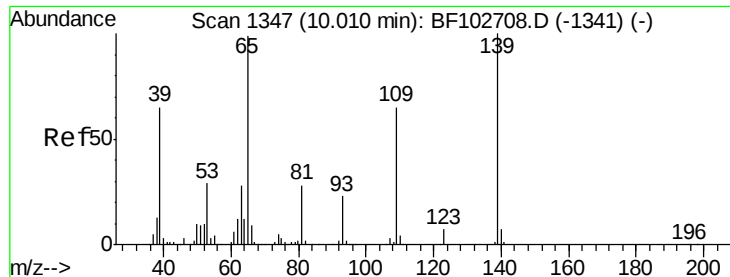
#54
Dibenzofuran
Concen: 38.38 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:168 Resp: 907490
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

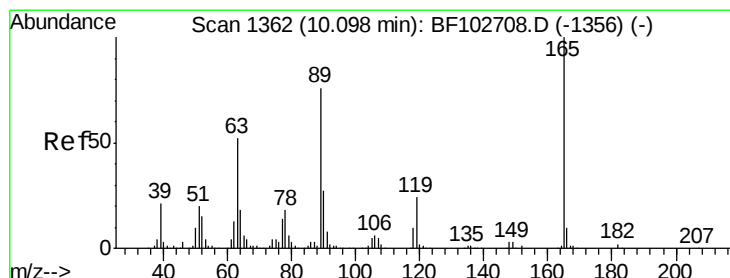
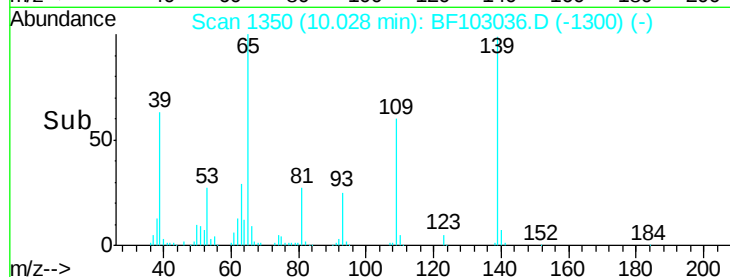
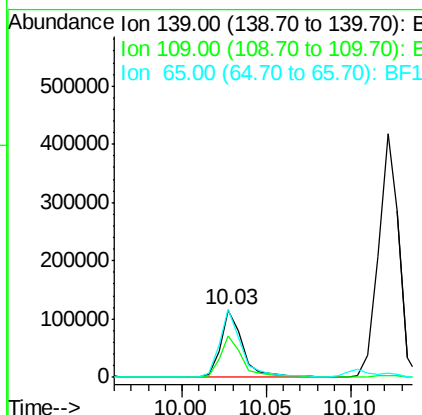
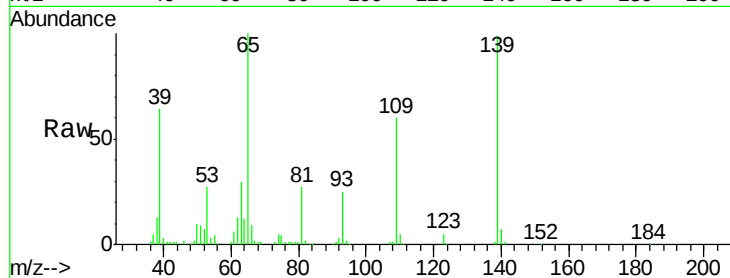




#55
4-Nitrophenol
Concen: 28.71 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

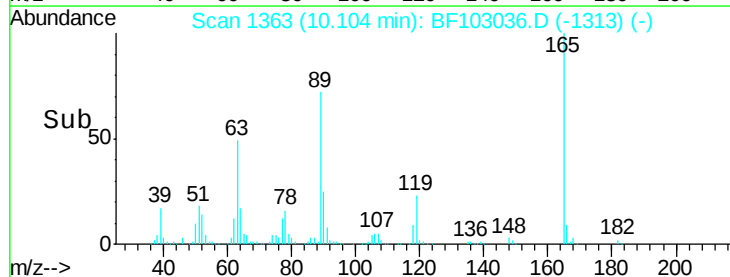
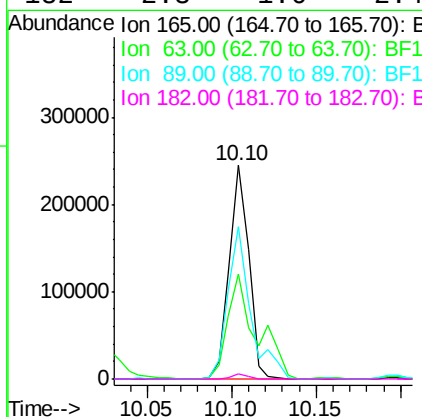
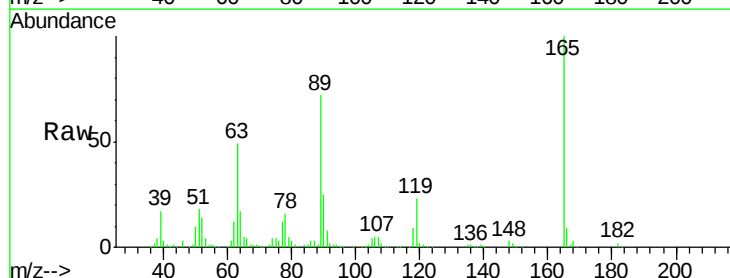
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 106219
Ion Ratio Lower Upper
139 100
109 60.9 48.4 88.4
65 101.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.00 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:165 Resp: 196441
Ion Ratio Lower Upper
165 100
63 49.0 36.4 54.6
89 71.6 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 39.25 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampled :

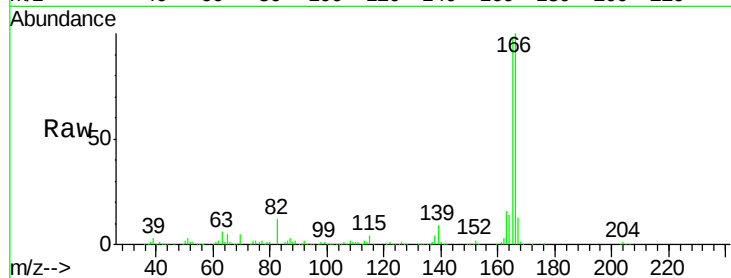
Tot Ion:166 Resp: 675289

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

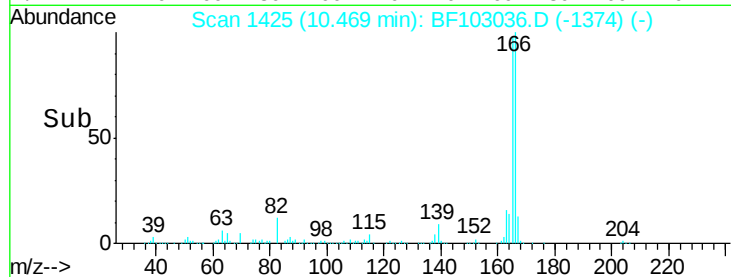
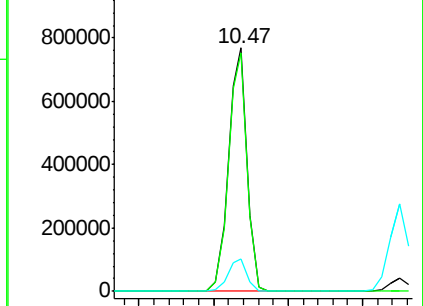
167 13.4 10.6 16.0



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: 32.85 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Tgt Ion:232 Resp: 124999

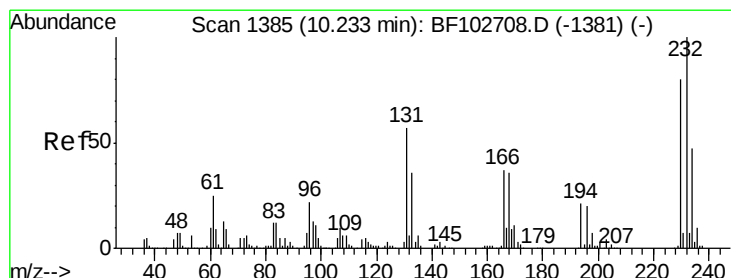
Ion Ratio Lower Upper

232 100

131 54.6 43.8 65.8

130 2.7 2.1 3.1

166 35.9 27.8 41.6

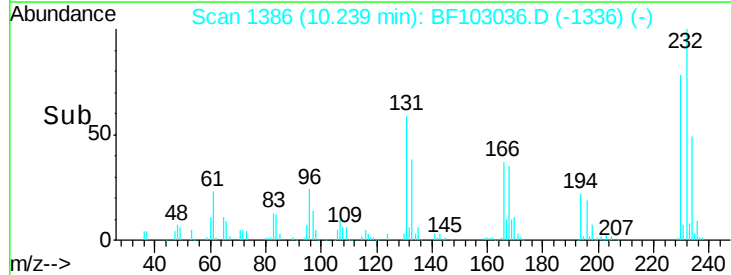
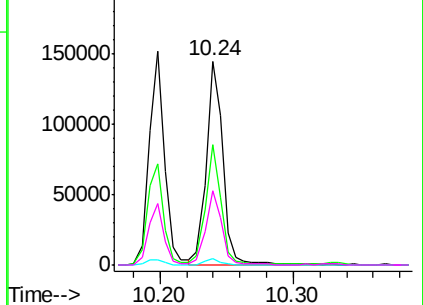


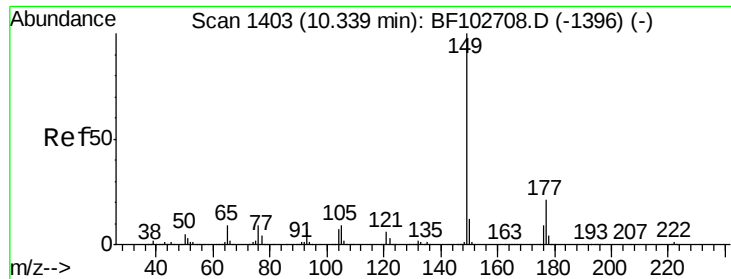
Abundance Ion 232.00 (231.70 to 232.70): E

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

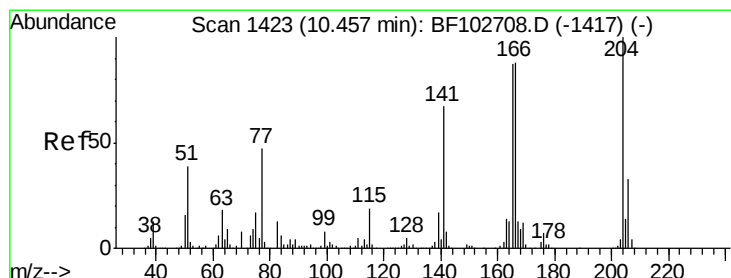
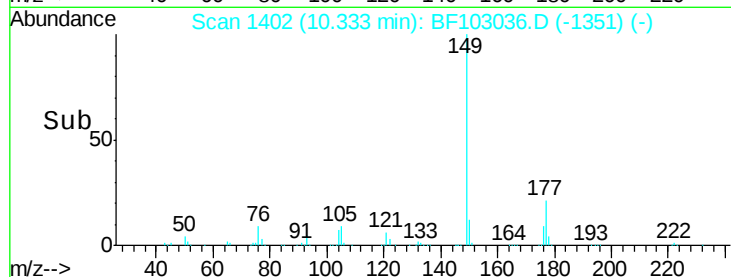
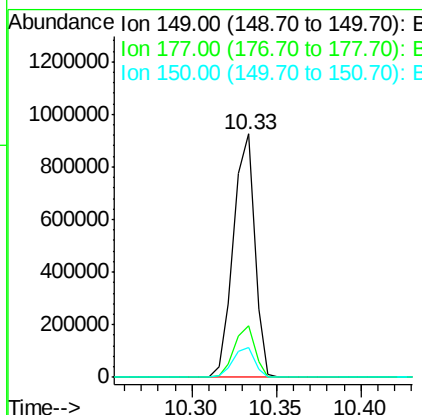
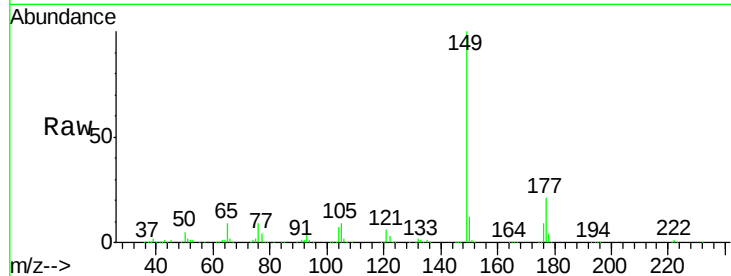




#59
Diethylphthalate
Concen: 38.60 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

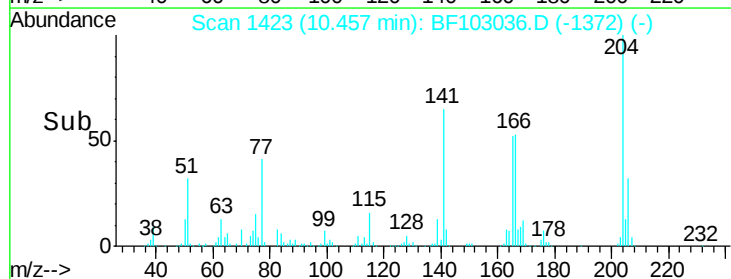
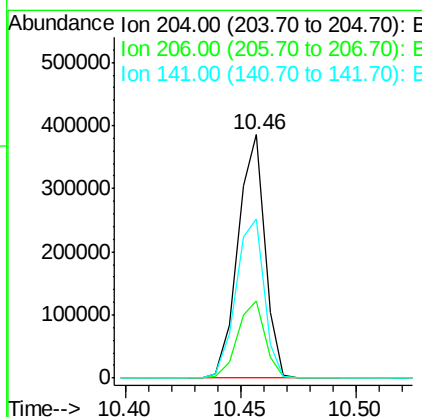
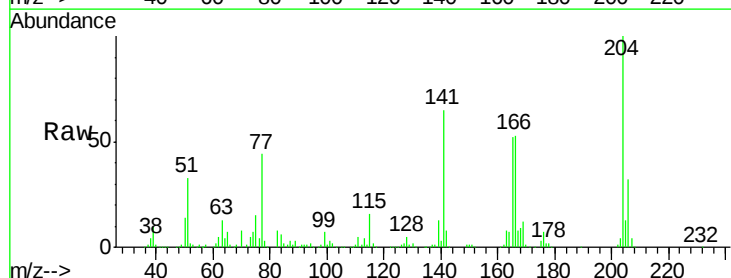
Instrument :
BNA_F
ClientSampleId :

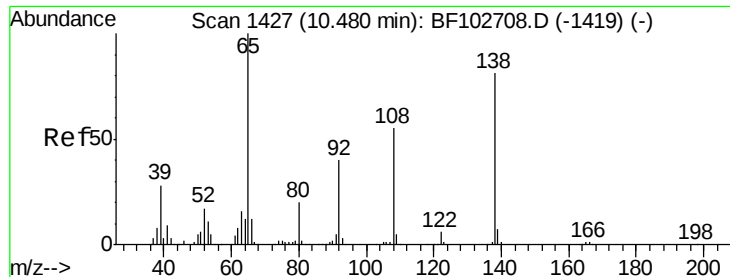
Tot Ion:149 Resp: 809623
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.28 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:204 Resp: 314159
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 65.3 54.6 81.8

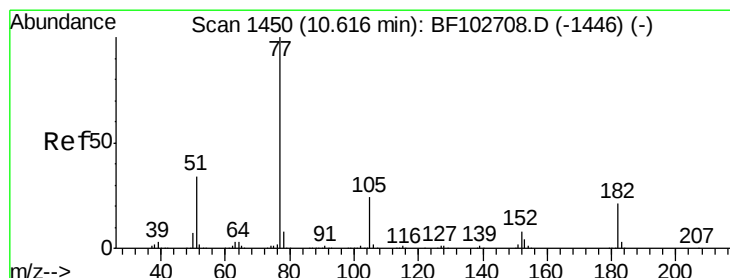
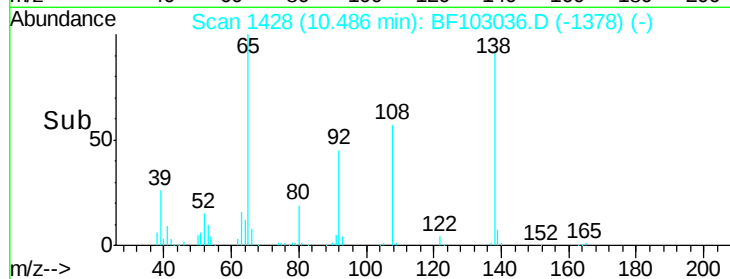
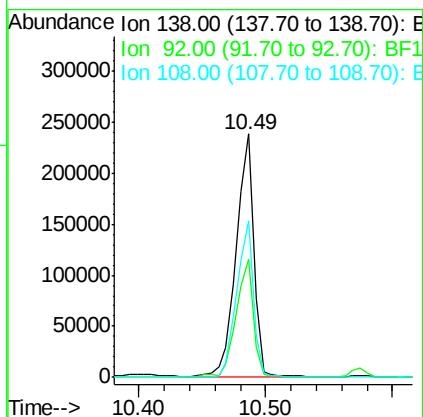
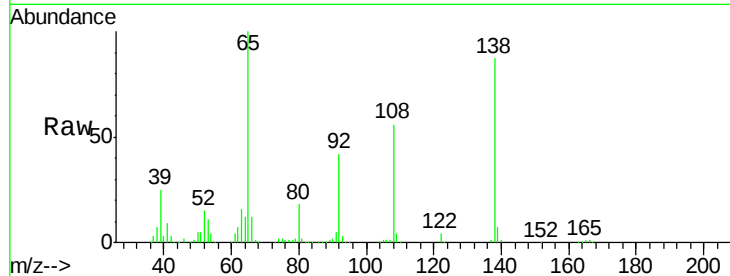




#61
4-Nitroaniline
Concen: 48.20 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

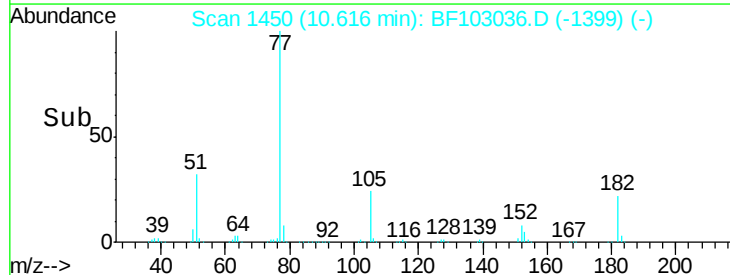
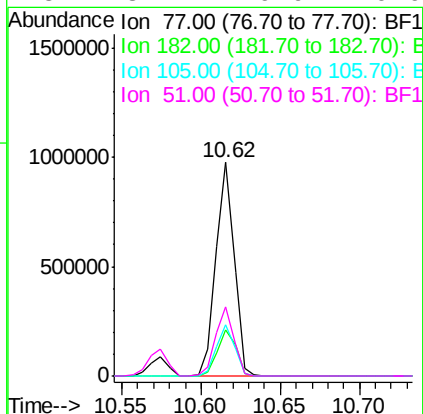
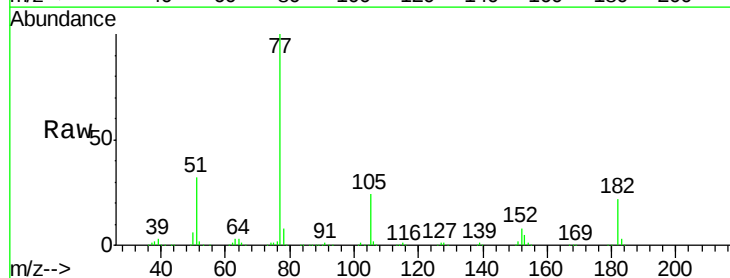
Instrument :
BNA_F
ClientSampleId :

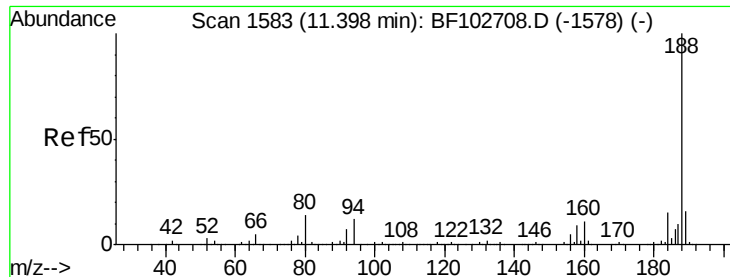
Tot Ion:138 Resp: 228122
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 64.5 52.5 92.5



#62
Azobenzene
Concen: 37.27 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion: 77 Resp: 780787
Ion Ratio Lower Upper
77 100
182 21.6 1.7 41.7
105 24.2 3.0 43.0
51 32.4 9.9 49.9

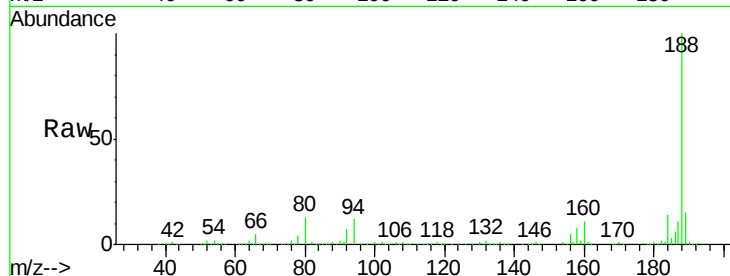




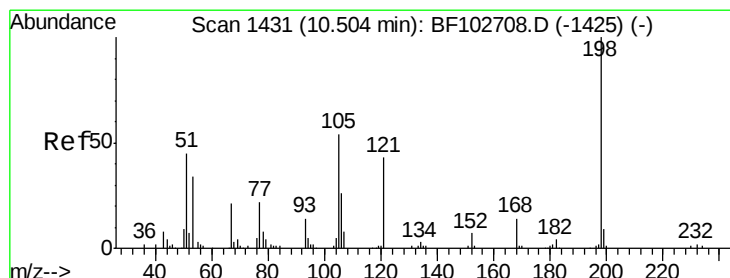
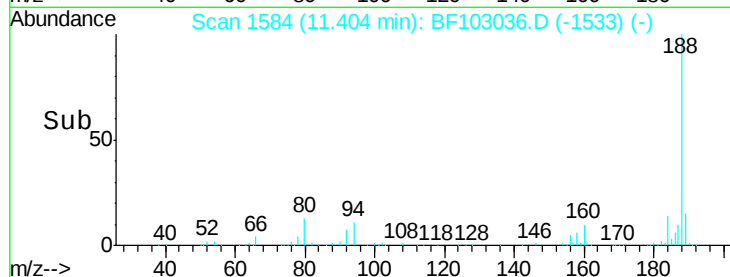
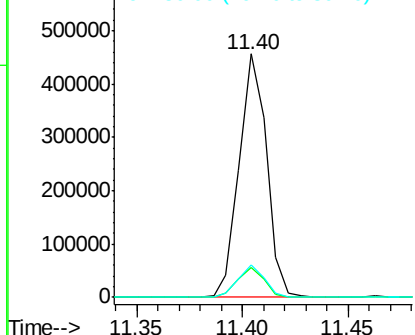
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	13.4	9.2	13.8

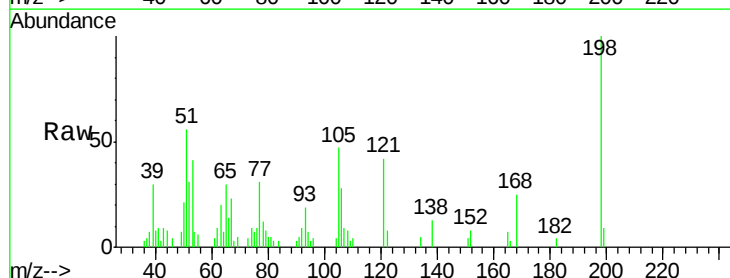


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

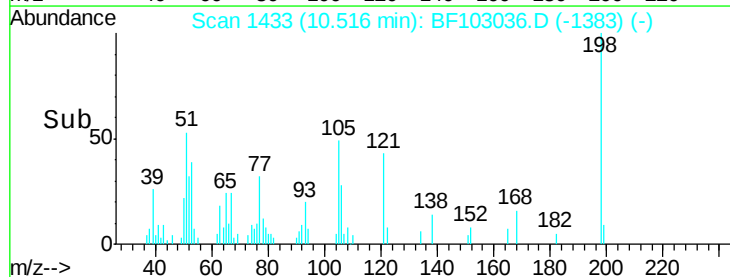
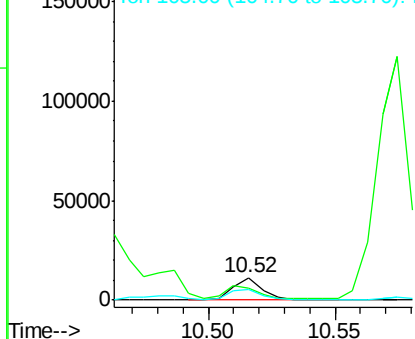


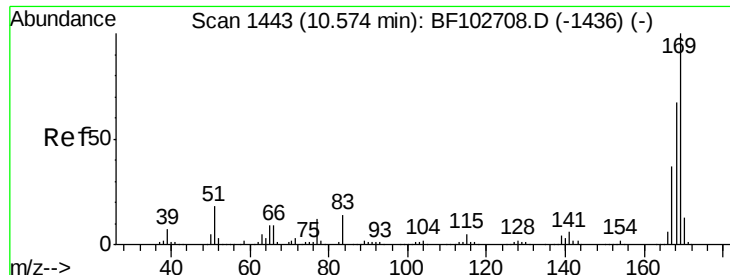
#64
4,6-Dinitro-2-methylphenol
Concen: 13.75 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.5	37.7	77.7
105	47.4	36.3	76.3



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

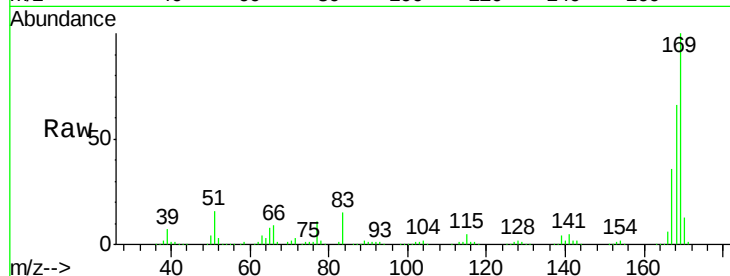




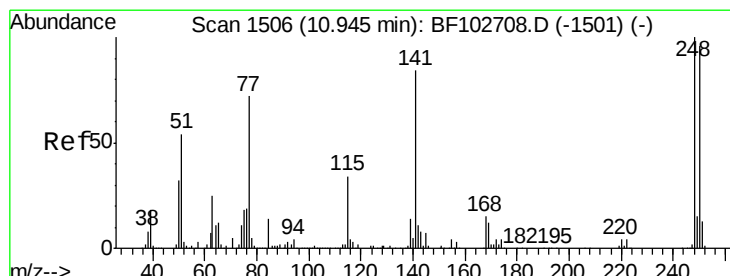
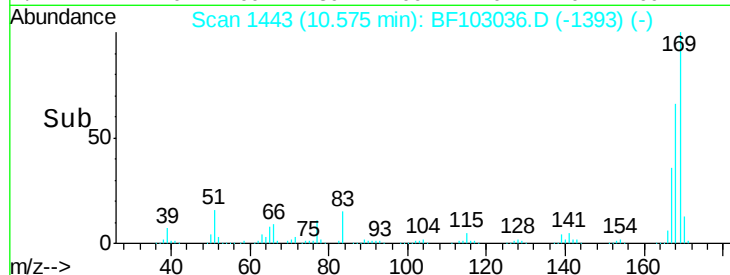
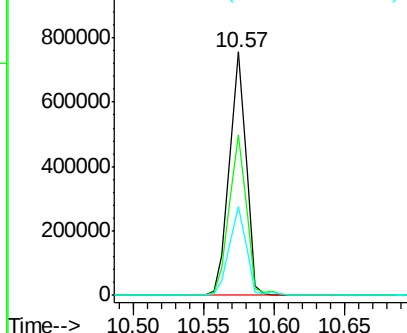
#65
 n-Nitrosodiphenylamine
 Concen: 43.26 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 626906
 Ion Ratio Lower Upper
 169 100
 168 66.1 54.4 81.6
 167 36.4 29.8 44.6

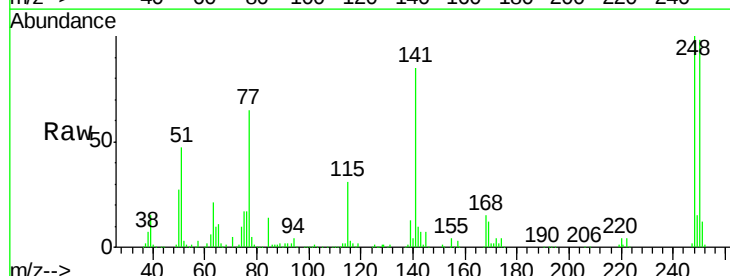


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

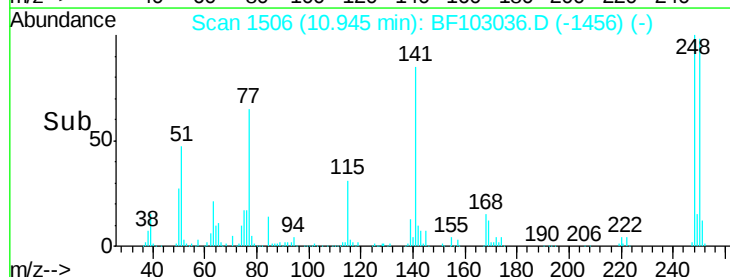
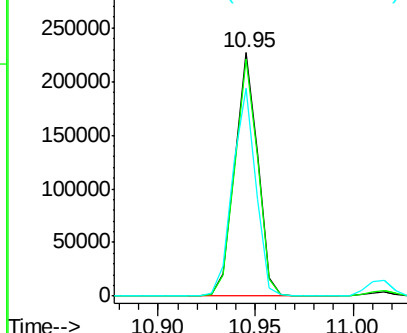


#66
 4-Bromophenyl-phenylether
 Concen: 42.67 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion:248 Resp: 185420
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 85.2 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

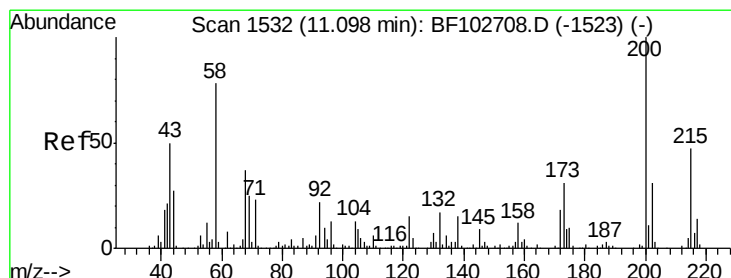
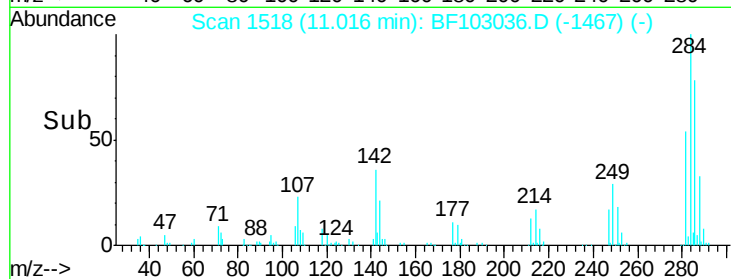
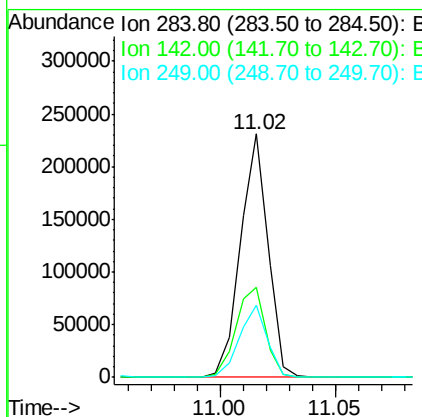
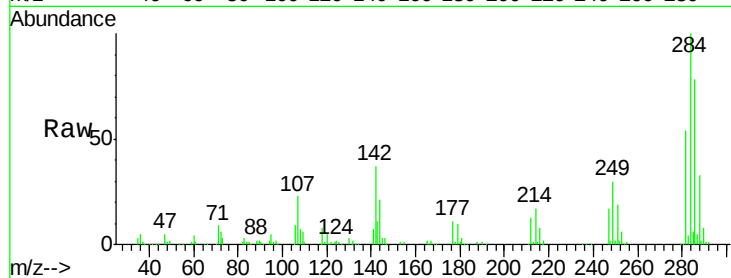




#67
Hexachlorobenzene
Concen: 40.21 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

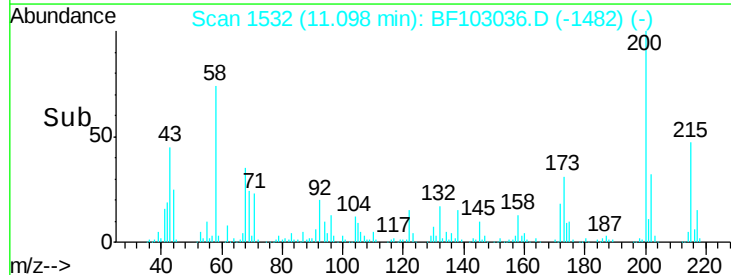
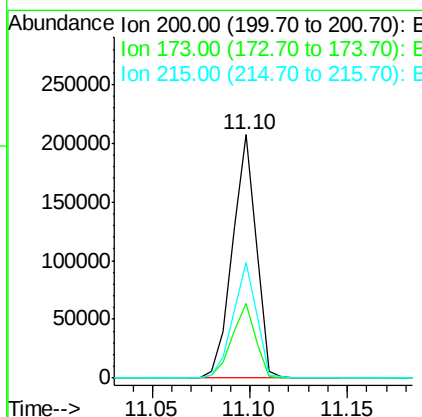
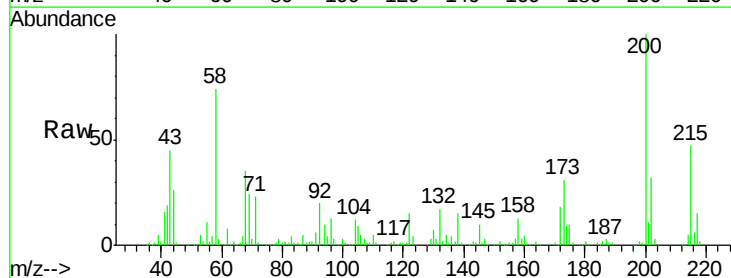
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 192756
Ion Ratio Lower Upper
284 100
142 37.1 34.6 52.0
249 29.7 24.8 37.2



#68
Atrazine
Concen: 41.00 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:200 Resp: 175270
Ion Ratio Lower Upper
200 100
173 30.6 8.6 48.6
215 47.5 25.1 65.1

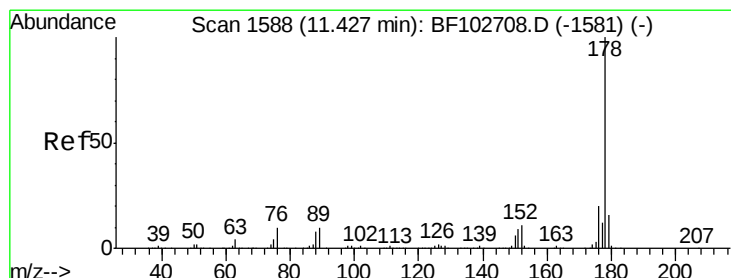
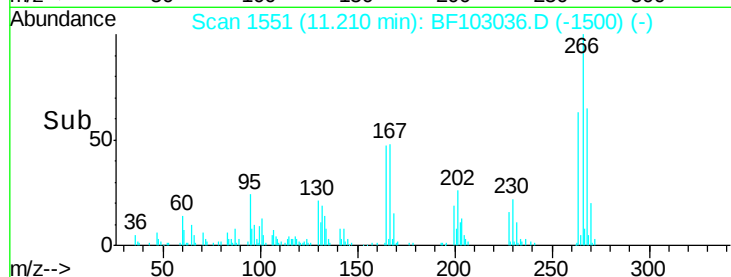
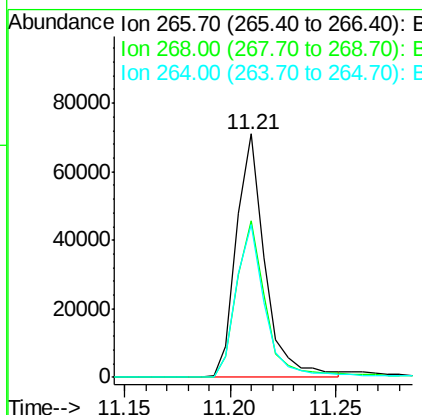
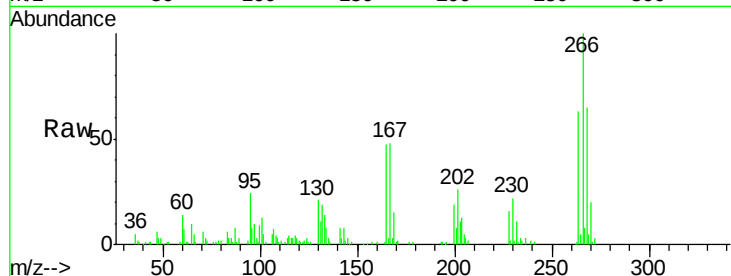




#69
 Pentachlorophenol
 Concen: 23.63 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

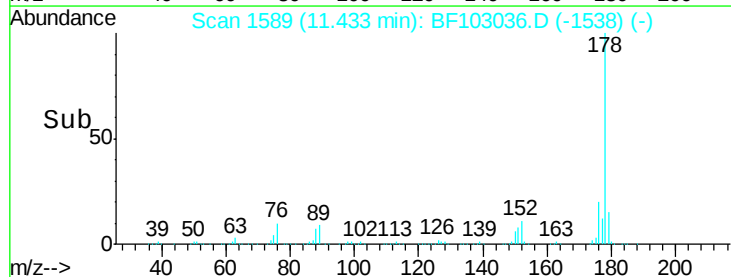
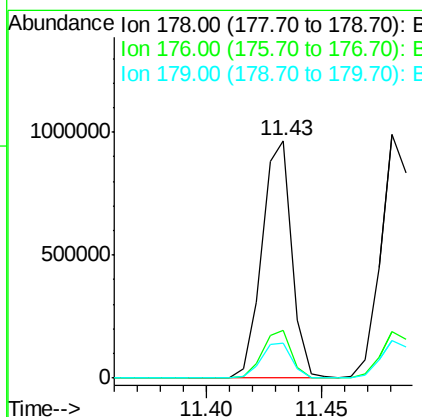
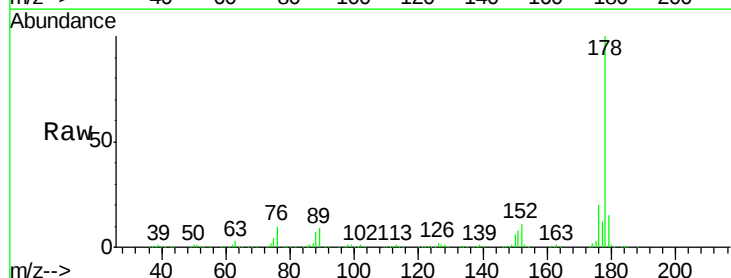
Instrument :
 BNA_F
 ClientSampleId :

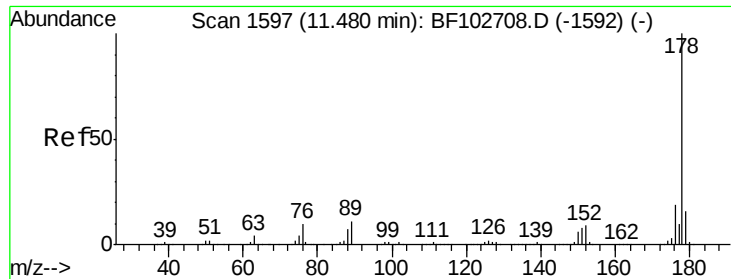
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	62.7	49.5	74.3



#70
 Phenanthrene
 Concen: 37.93 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	14.9	13.0	19.6

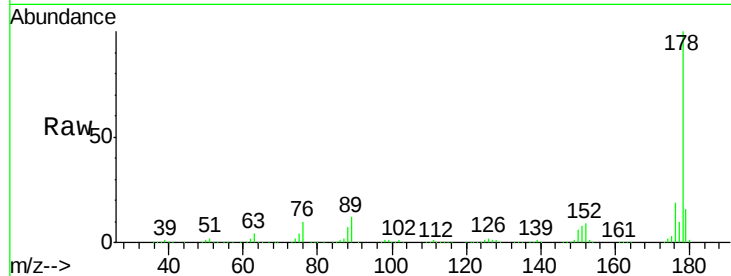




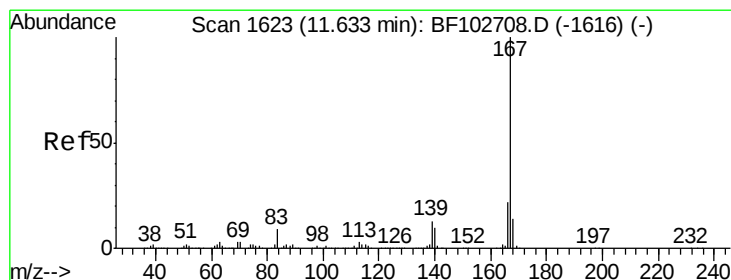
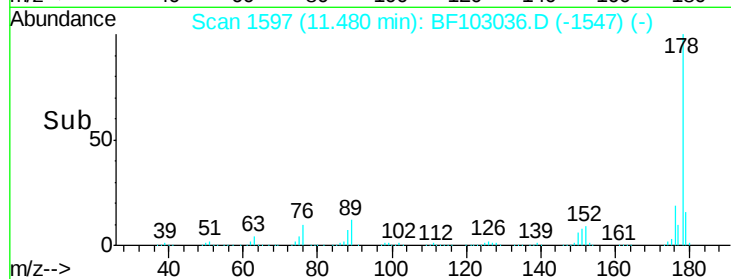
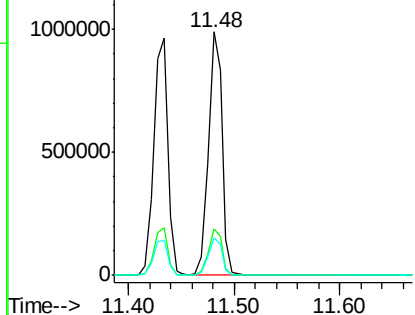
#71
 Anthracene
 Concen: 38.62 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 898743
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0

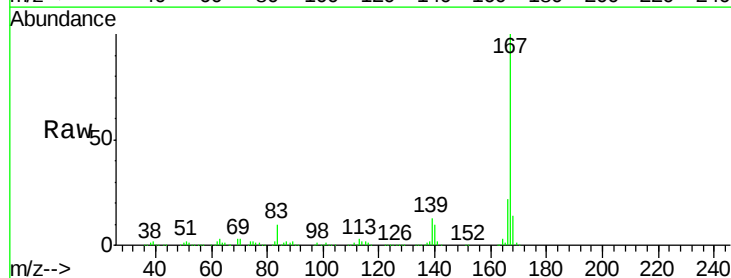


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

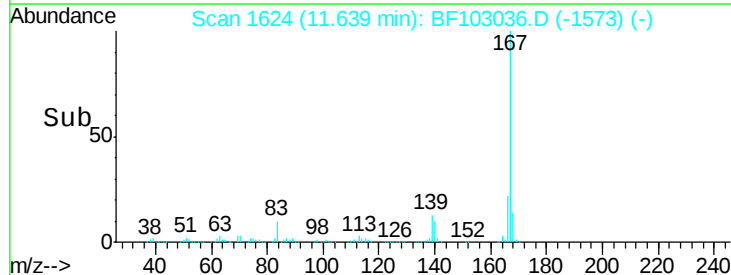
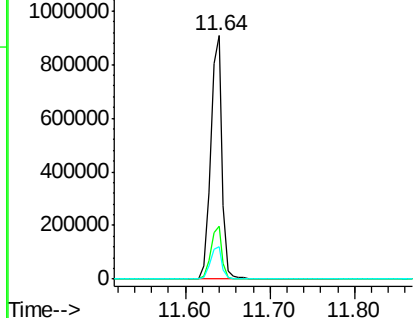


#72
 Carbazole
 Concen: 37.56 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion:167 Resp: 856289
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.47 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

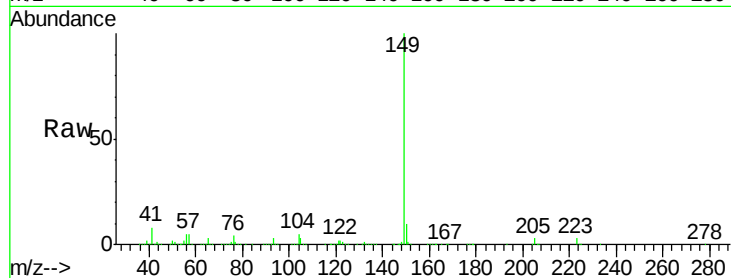
Tot Ion:149 Resp: 1203813

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

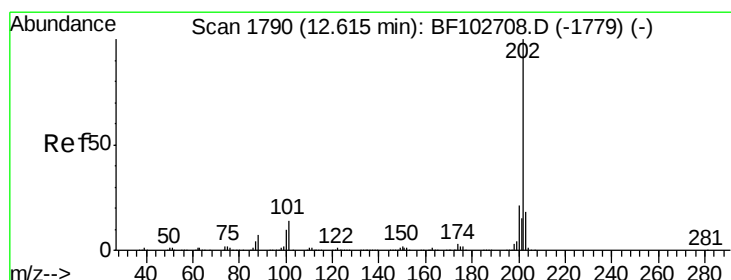
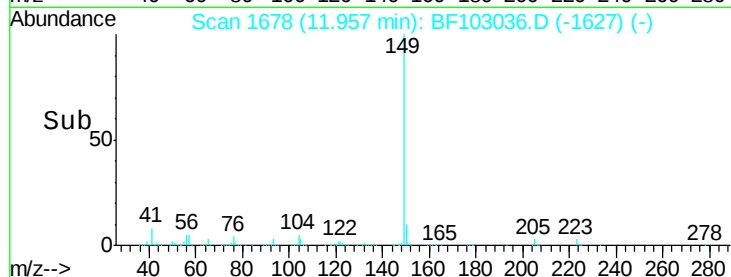
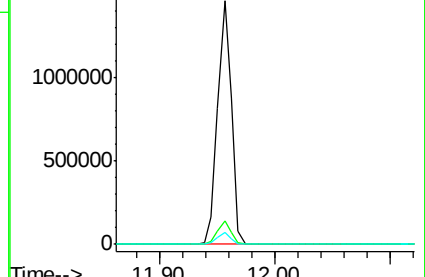
104 4.8 3.8 5.8



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: 34.60 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

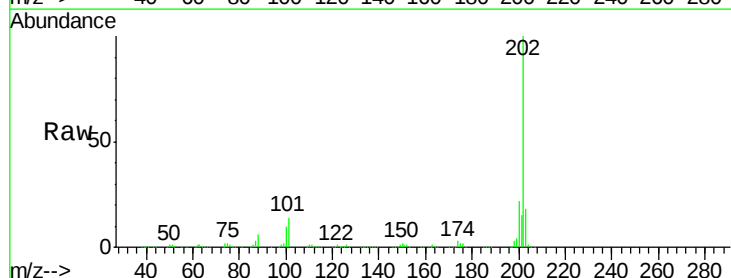
Tgt Ion:202 Resp: 796401

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

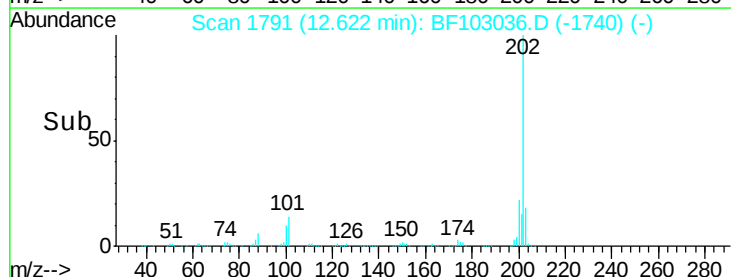
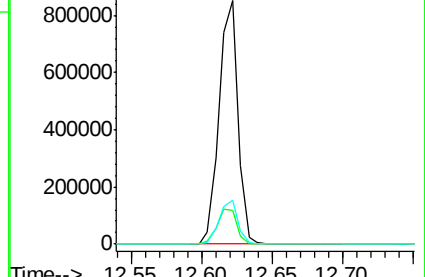
203 18.0 0.0 38.1

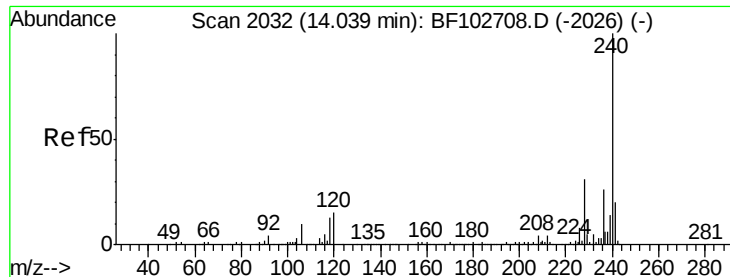


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

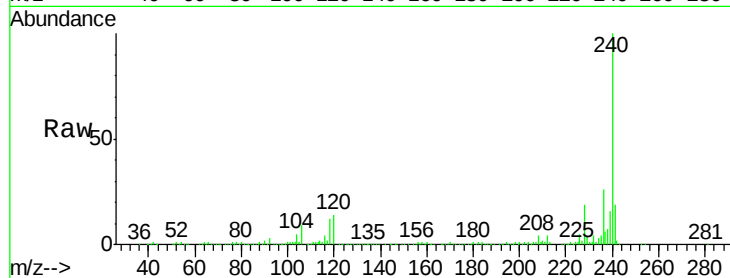
Tot Ion:240 Resp: 286329

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

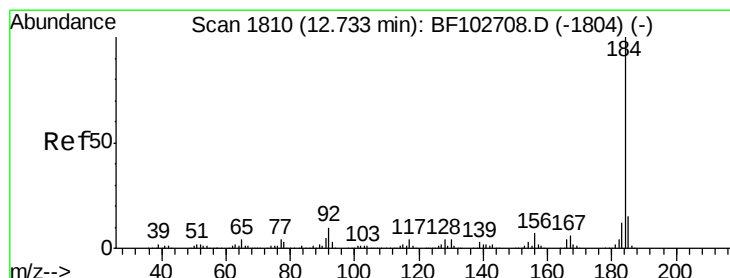
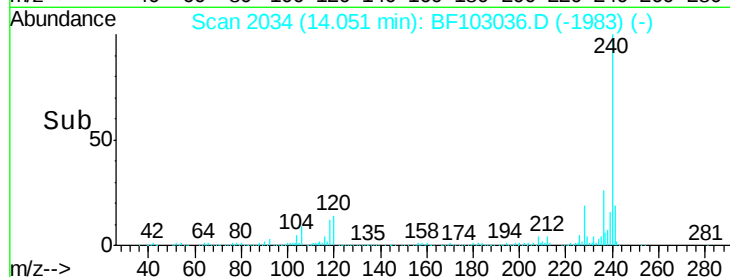
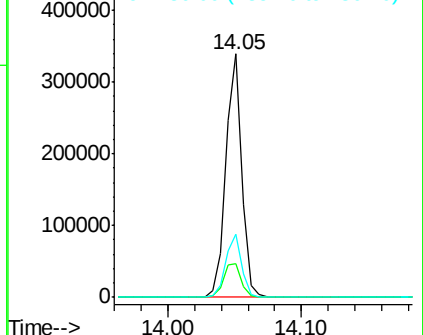
236 25.8 20.7 31.1



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: 30.22 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

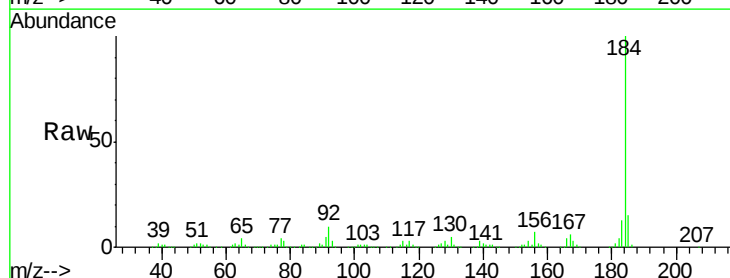
Tgt Ion:184 Resp: 397734

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

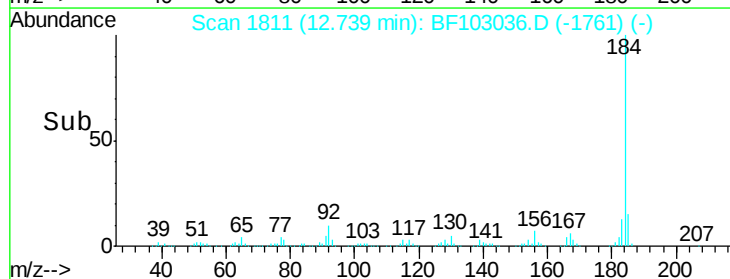
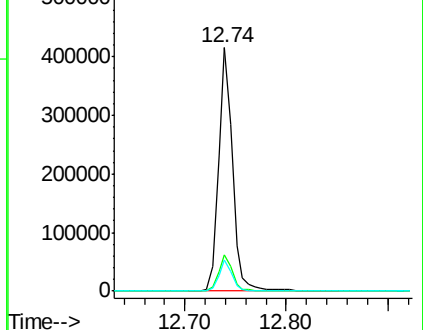
183 12.6 9.3 13.9



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

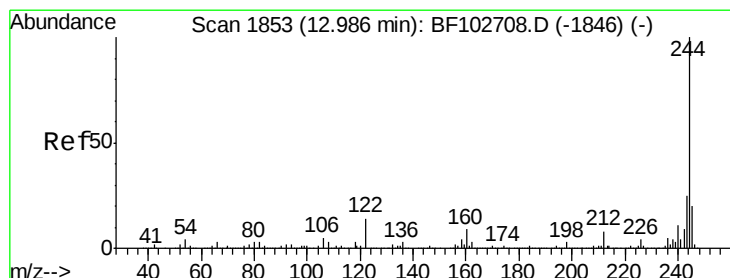
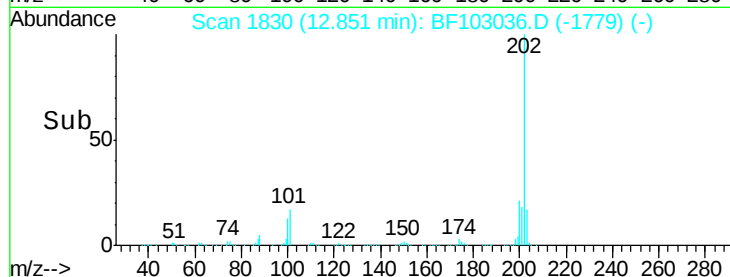
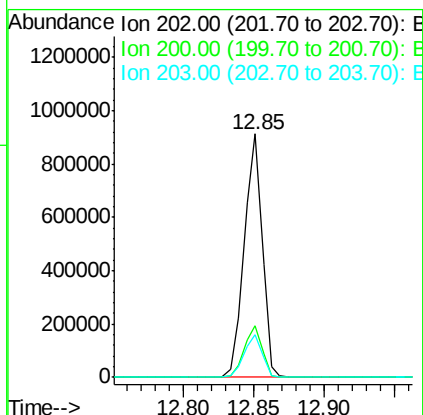
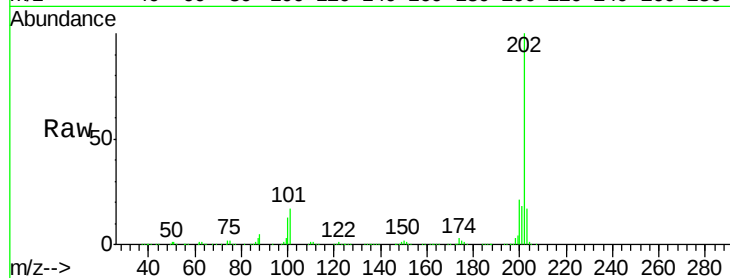




#77
Pvrene
Concen: 36.26 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

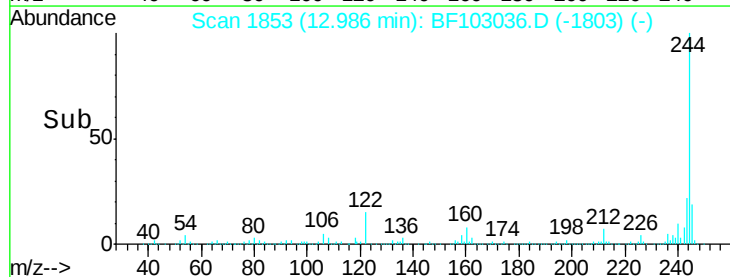
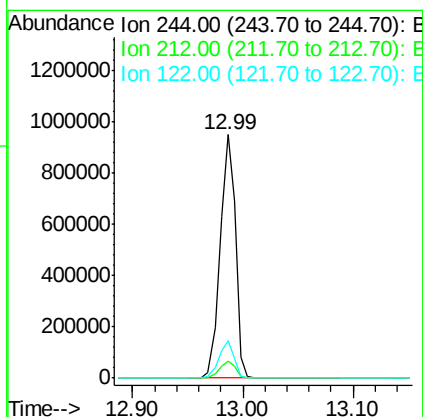
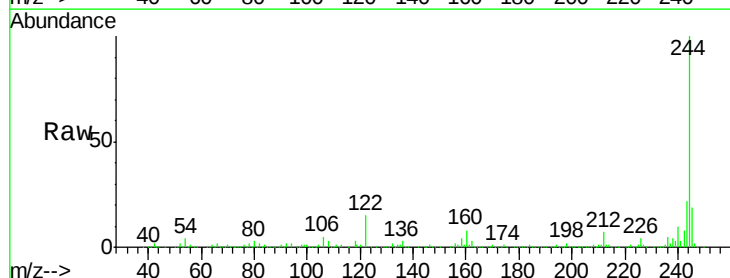
Instrument :
BNA_F
ClientSampleId :

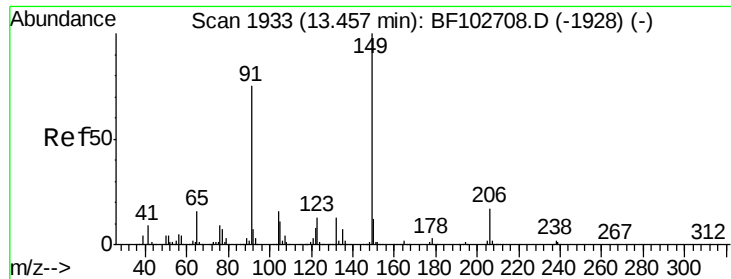
Tot Ion:202 Resp: 814057
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 75.64 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:244 Resp: 914687
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 15.2 11.0 16.4

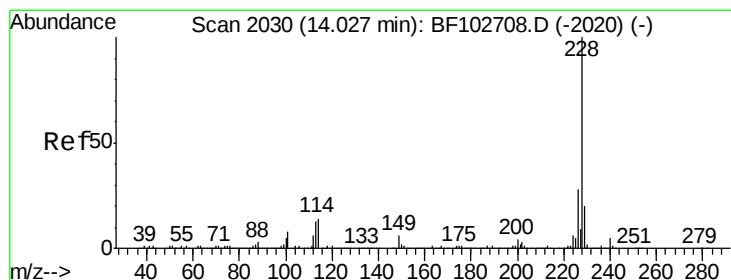
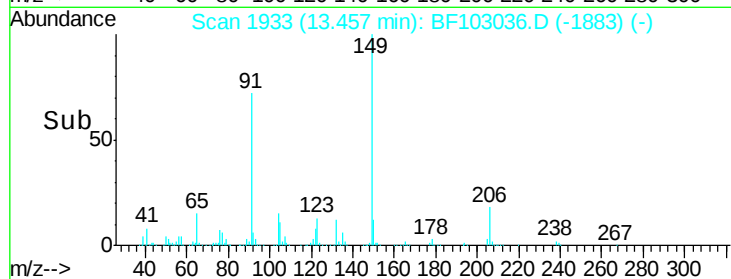
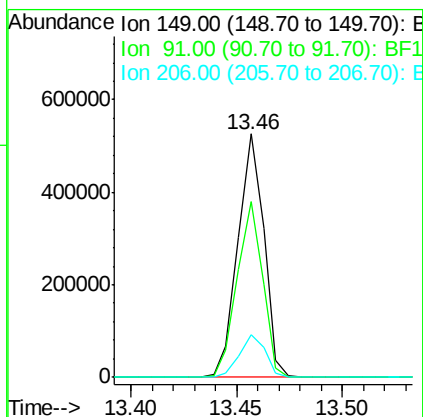
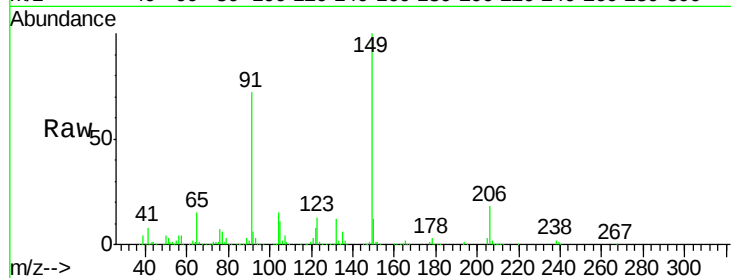




#79
Butylbenzylphthalate
Concen: 41.67 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

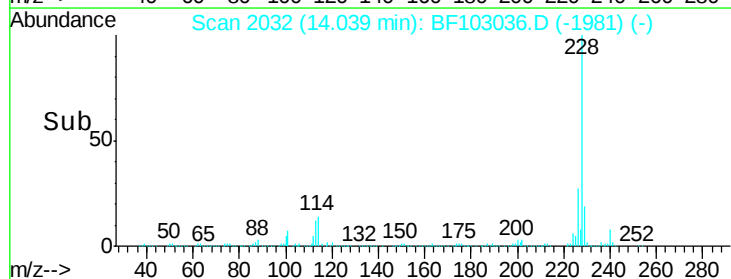
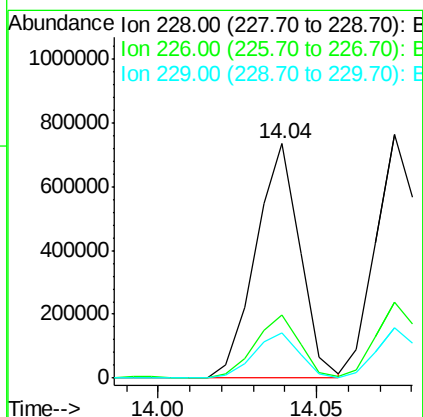
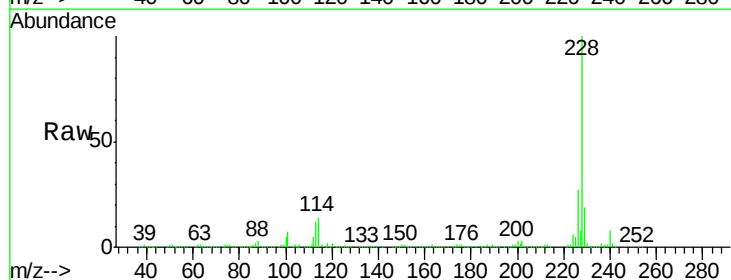
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	56.8	85.2
206	17.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.55 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.3	15.8	23.6

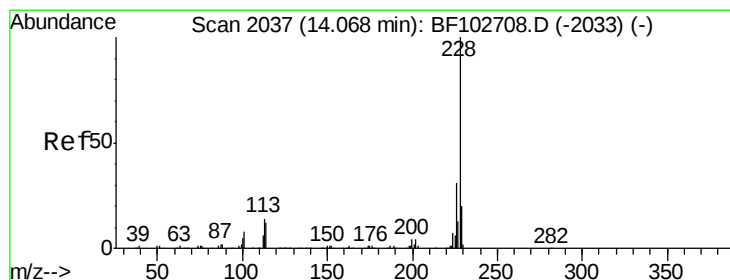
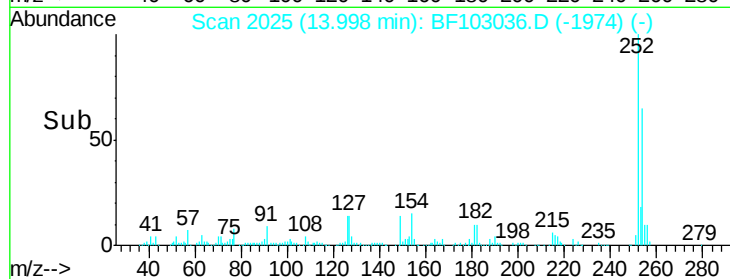
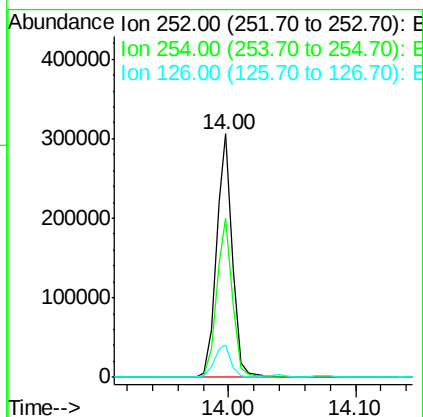
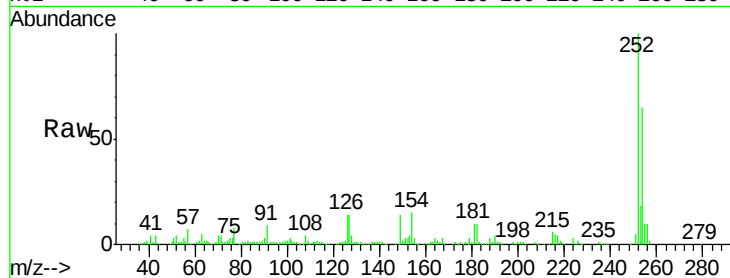




#81
 3,3'-Dichlorobenzidine
 Concen: 40.24 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

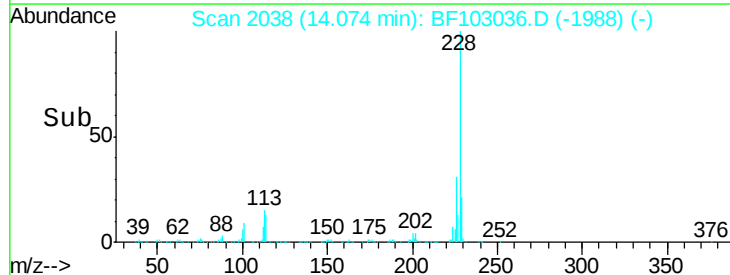
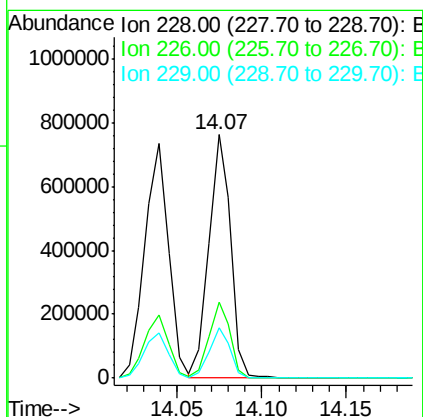
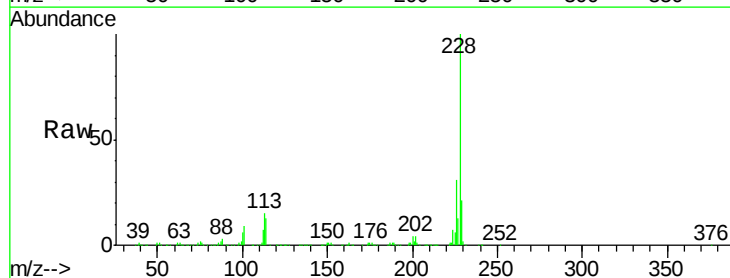
Instrument :
 BNA_F
 ClientSampleId :

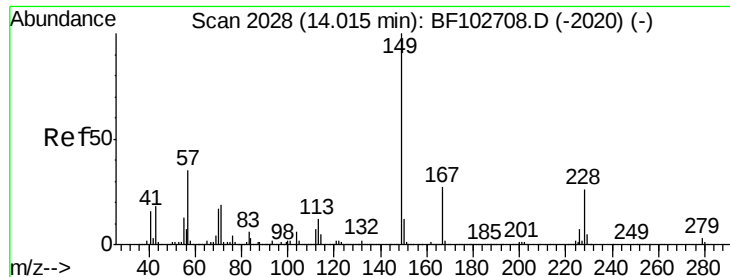
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	13.5	11.3	16.9



#82
 Chrysene
 Concen: 37.88 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.5	16.2	24.4

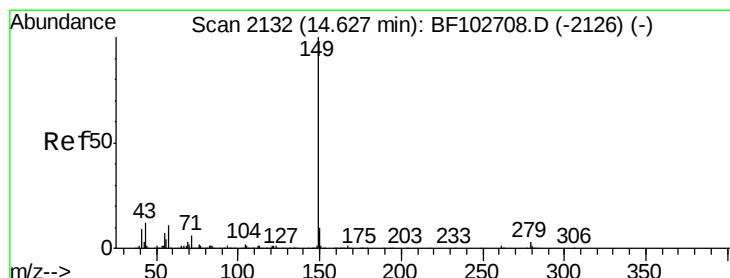
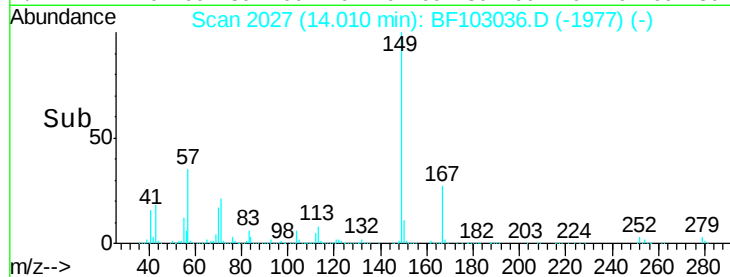
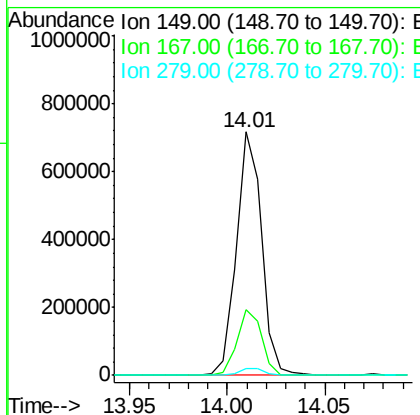
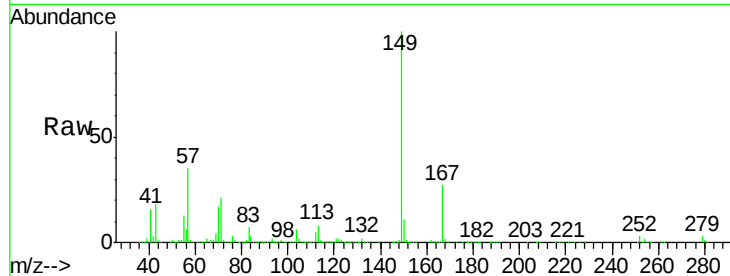




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.37 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

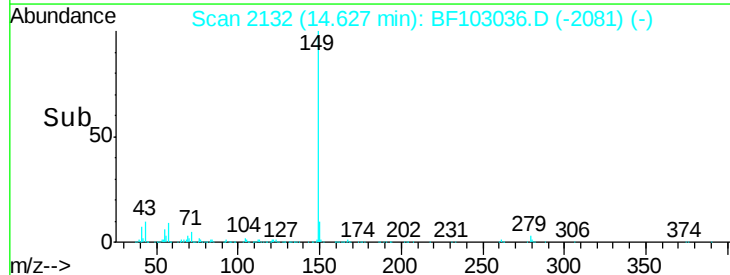
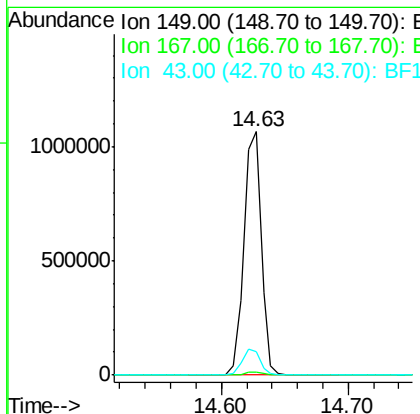
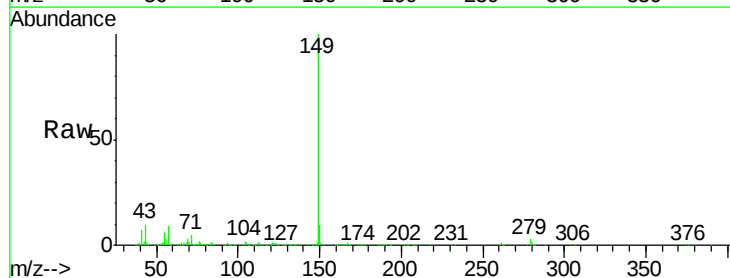
Instrument :
 BNA_F
 ClientSampleID :

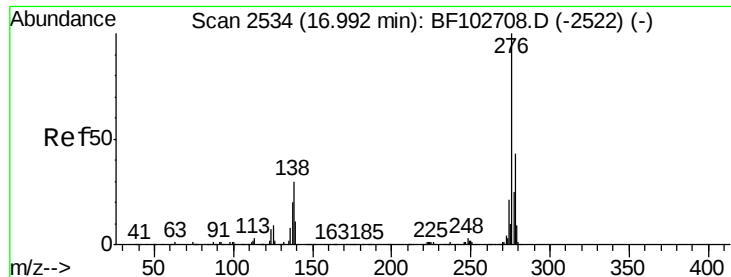
Tot Ion:149 Resp: 637845
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 48.58 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF103036.D
 Acq: 16 Feb 2018 00:37

Tgt Ion:149 Resp: 1003217
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.0 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.11 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

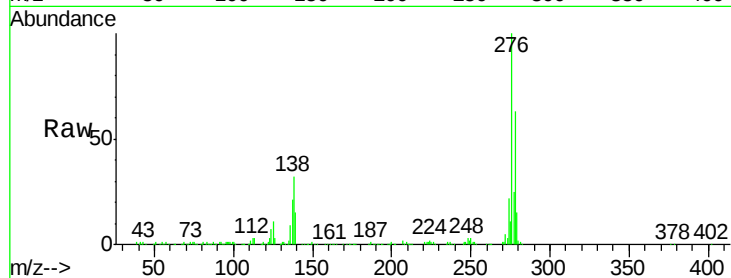
Tot Ion:276 Resp: 528564

Ion Ratio Lower Upper

276 100

138 33.1 25.0 37.6

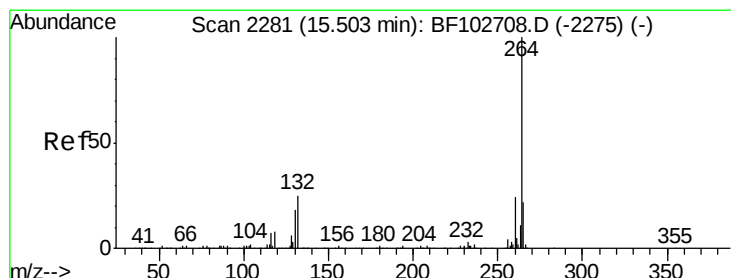
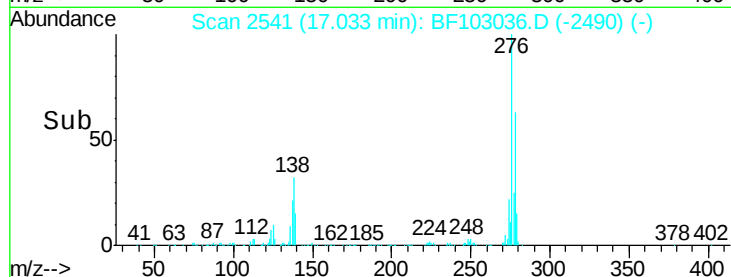
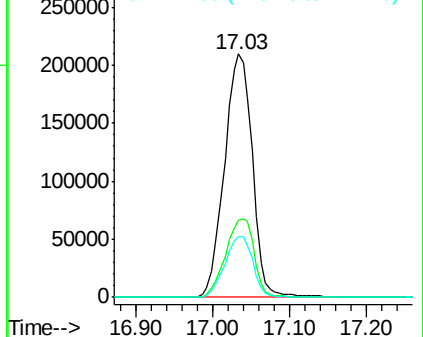
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

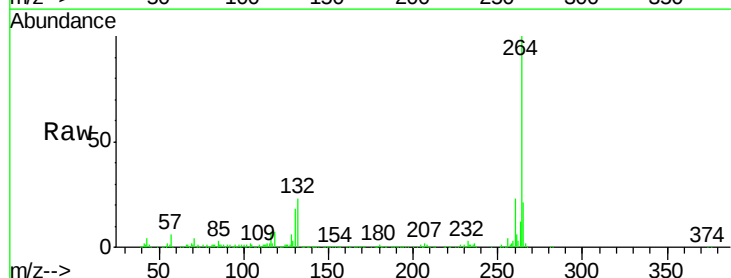
Tgt Ion:264 Resp: 252804

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

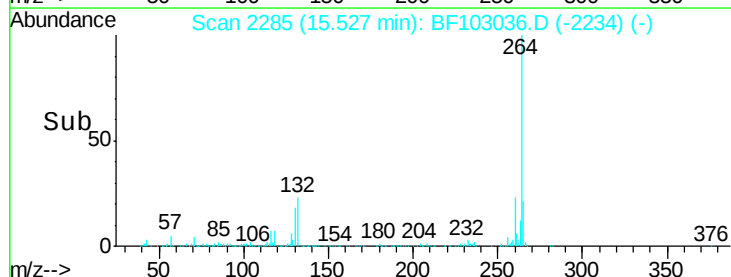
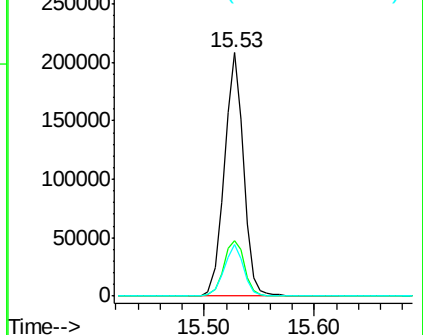
265 21.0 17.5 26.3

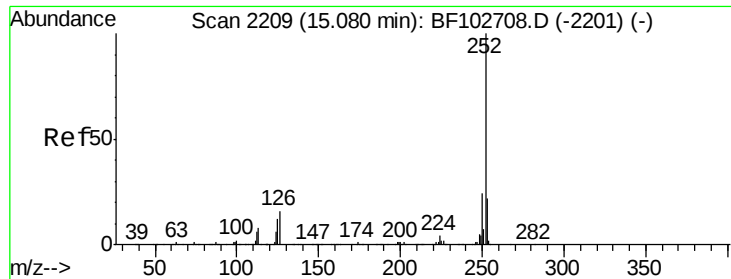


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

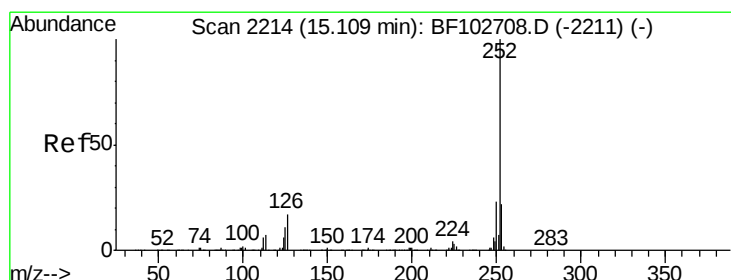
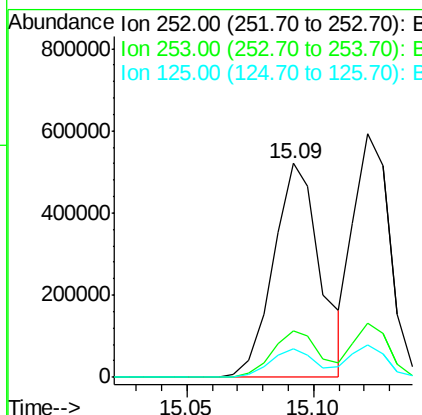
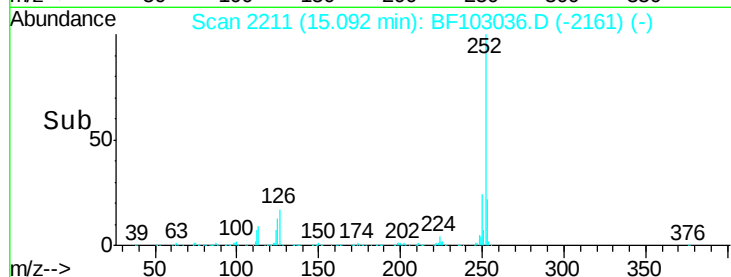
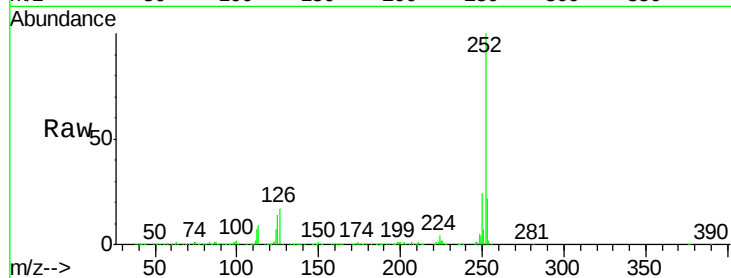




#87
Benzo(b)fluoranthene
Concen: 41.05 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

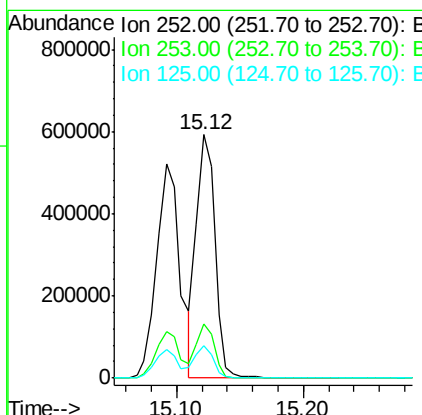
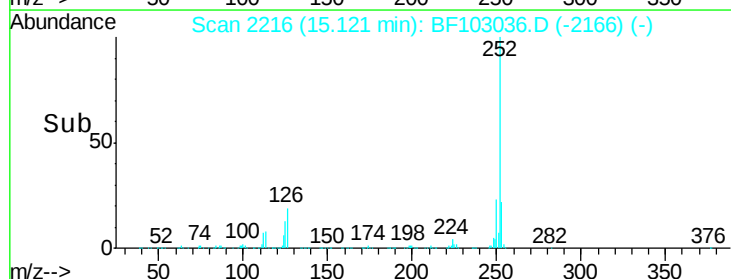
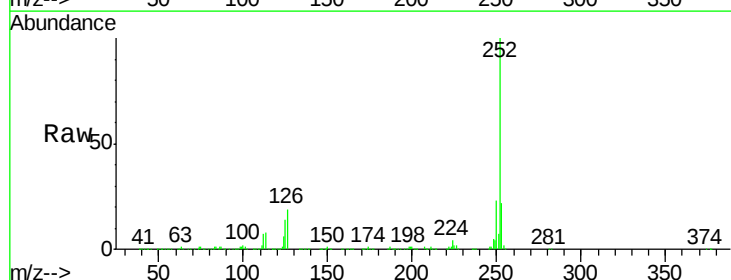
Instrument :
BNA_F
ClientSampleId :

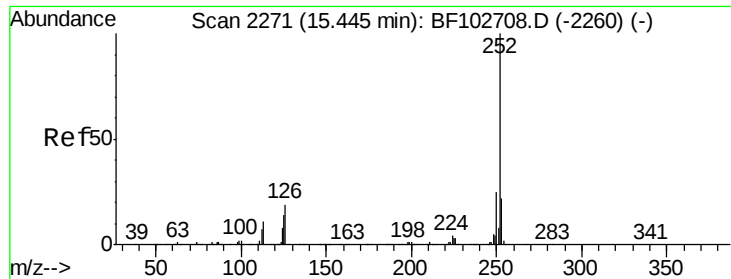
Tot Ion:252 Resp: 672767
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.08 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103036.D
Acq: 16 Feb 2018 00:37

Tgt Ion:252 Resp: 596295
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.74 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

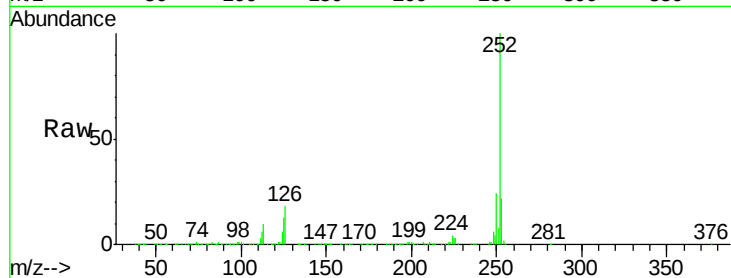
Tot Ion:252 Resp: 571579

Ion Ratio Lower Upper

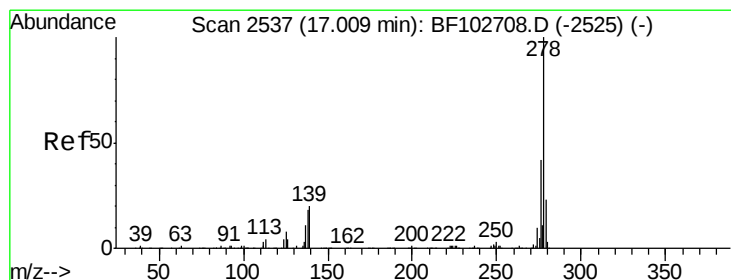
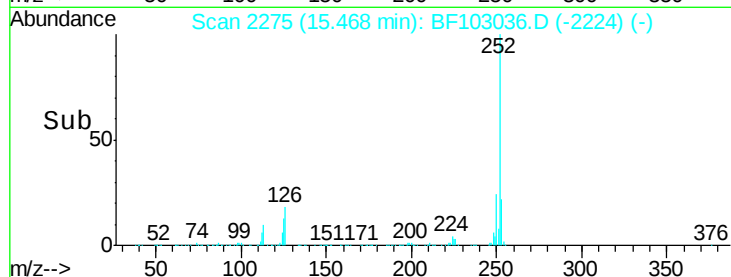
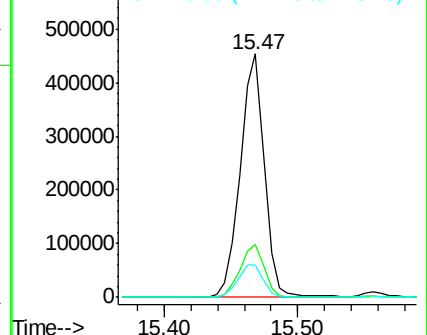
252 100

253 21.8 17.1 25.7

125 13.2 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: 37.19 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

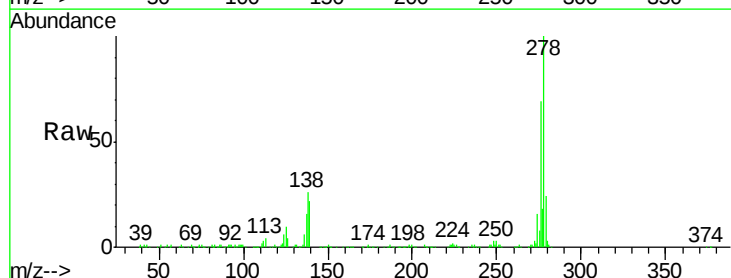
Tgt Ion:278 Resp: 445354

Ion Ratio Lower Upper

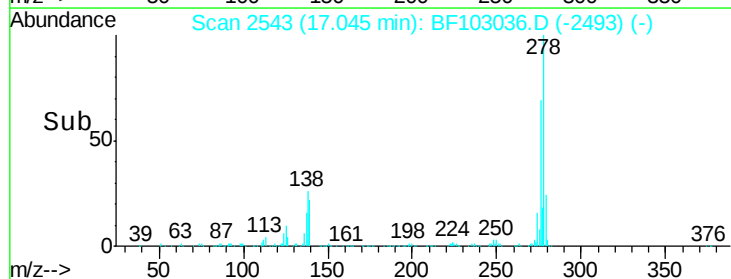
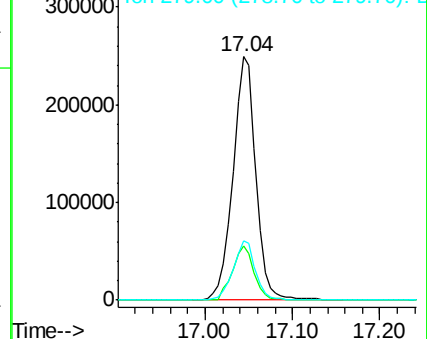
278 100

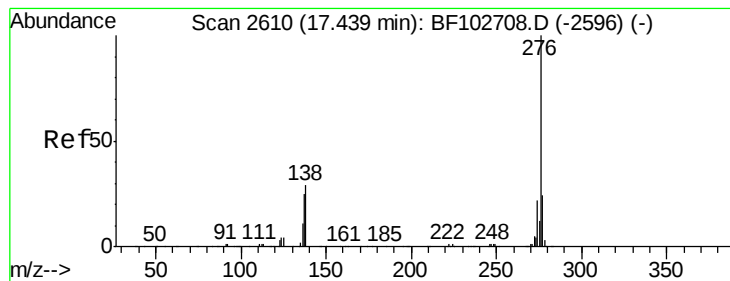
139 22.0 15.9 23.9

279 24.4 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: 36.63 ng

RT: 17.49 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BF103036.D

Acq: 16 Feb 2018 00:37

Instrument :

BNA_F

ClientSampleId :

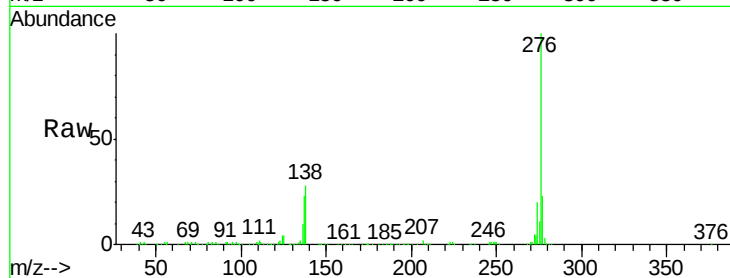
Tot Ion:276 Resp: 429284

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 27.8 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

