

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103004.D
 Acq On : 14 Feb 2018 22:51
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 00:10:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147604	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	558228	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	199131	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	293855	20.00	ng	0.00
75) Chrysene-d12	14.05	240	272769	20.00	ng	0.01
86) Perylene-d12	15.53	264	214835	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	755945	77.78	ng	0.00
7) Phenol-d6	6.51	99	877947	75.02	ng	0.01
23) Nitrobenzene-d5	7.45	82	747082	92.84	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	120047	74.90	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1095022	91.25	ng	0.00
78) Terphenyl-d14	12.99	244	779807	67.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	198748	41.40	ng	89
3) Pyridine	3.42	79	534751	40.32	ng	92
4) n-Nitrosodimethylamine	3.36	42	214841	37.86	ng	96
6) Aniline	6.54	93	644378	37.29	ng	96
8) 2-Chlorophenol	6.66	128	382044	38.18	ng	94
9) Benzaldehyde	6.43	77	289963	33.36	ng	99
10) Phenol	6.52	94	508894	40.58	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	400074	38.34	ng	94
12) 1,3-Dichlorobenzene	6.82	146	442851	38.22	ng	99
13) 1,4-Dichlorobenzene	6.90	146	440223	38.14	ng	98
14) 1,2-Dichlorobenzene	7.05	146	407624	37.92	ng	99
15) Benzyl Alcohol	7.02	79	332874	37.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	693575	34.99	ng	98
17) 2-Methylphenol	7.13	107	335912	36.39	ng	98
18) Hexachloroethane	7.39	117	125377	31.68	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	263198	34.11	ng	92
20) 3+4-Methylphenols	7.28	107	391420	34.39	ng	# 82
22) Acetophenone	7.29	105	521645	38.19	ng	# 90
24) Nitrobenzene	7.46	77	413077	43.64	ng	98
25) Isophorone	7.70	82	680522	36.73	ng	99
26) 2-Nitrophenol	7.77	139	115487	33.00	ng	96
27) 2,4-Dimethylphenol	7.81	122	286674	36.62	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	444434	40.49	ng	98
29) 2,4-Dichlorophenol	8.02	162	259031	36.40	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	304186	37.78	ng	100
31) Naphthalene	8.19	128	1018235	37.33	ng	100
32) Benzoic acid	7.92	122	49217	16.86	ng	96
33) 4-Chloroaniline	8.23	127	435011	37.02	ng	99
34) Hexachlorobutadiene	8.30	225	163007	39.51	ng	98
35) Caprolactam	8.60	113	76600	30.99	ng	# 84
36) 4-Chloro-3-methylphenol	8.71	107	266317	33.31	ng	96
37) 2-Methylnaphthalene	8.87	142	627029	35.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	244615	45.12	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	140966	39.58	ng	99

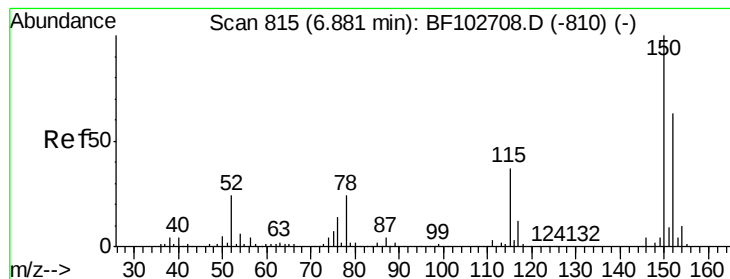
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103004.D
 Acq On : 14 Feb 2018 22:51
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 00:10:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	154157	38.41	nq	98
45) 1,1'-Biphenyl	9.34	154	724411	43.19	nq	97
46) 2-Chloronaphthalene	9.36	162	551626	41.78	nq	98
47) 2-Nitroaniline	9.46	65	189134	46.53	nq	92
48) Acenaphthylene	9.78	152	791001	38.57	nq	99
49) Dimethylphthalate	9.63	163	647199	41.68	nq	99
50) 2,6-Dinitrotoluene	9.70	165	114276	38.69	nq	98
51) Acenaphthene	9.95	154	452999	36.94	nq	99
52) 3-Nitroaniline	9.87	138	162455	44.70	nq	99
54) Dibenzofuran	10.12	168	642397	37.17	nq	100
55) 4-Nitrophenol	10.03	139	77474	28.66	nq	95
56) 2,4-Dinitrotoluene	10.10	165	123675	32.29	nq	92
57) Fluorene	10.46	166	467534	37.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	97947	35.21	nq	99
59) Diethylphthalate	10.33	149	584080	38.10	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	219876	39.52	nq	97
61) 4-Nitroaniline	10.48	138	158720	45.88	nq	92
62) Azobenzene	10.62	77	528761	34.52	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	756	9.36	nq	91
65) n-Nitrosodiphenylamine	10.57	169	429808	41.47	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	120362	38.72	nq	93
67) Hexachlorobenzene	11.02	284	130450	38.04	nq	91
68) Atrazine	11.10	200	112999	36.95	nq	97
69) Pentachlorophenol	11.21	266	54705	27.18	nq	97
70) Phenanthrene	11.43	178	629882	38.49	nq	98
71) Anthracene	11.48	178	644915	38.74	nq	100
72) Carbazole	11.63	167	637995	39.12	nq	100
73) Di-n-butylphthalate	11.96	149	806266	40.70	nq	99
74) Fluoranthene	12.62	202	683417	41.50	nq	98
76) Benzidine	12.74	184	353289	28.18	nq	99
77) Pyrene	12.85	202	721860	33.75	nq	98
79) Butylbenzylphthalate	13.46	149	375196	36.91	nq	99
80) Benzo(a)anthracene	14.04	228	670783	39.10	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	255766	40.21	nq	99
82) Chrysene	14.07	228	654813	37.87	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	542035	41.37	nq	# 99
84) Di-n-octyl phthalate	14.63	149	917561	46.64	nq	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	464927	32.42	nq	99
87) Benzo(b)fluoranthene	15.09	252	555700	39.90	nq	98
88) Benzo(k)fluoranthene	15.12	252	554587	41.67	nq	99
89) Benzo(a)pyrene	15.46	252	488126	38.93	nq	# 97
90) Dibenzo(a,h)anthracene	17.04	278	392401	38.56	nq	99
91) Benzo(g,h,i)perylene	17.48	276	377172	37.87	nq	95

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

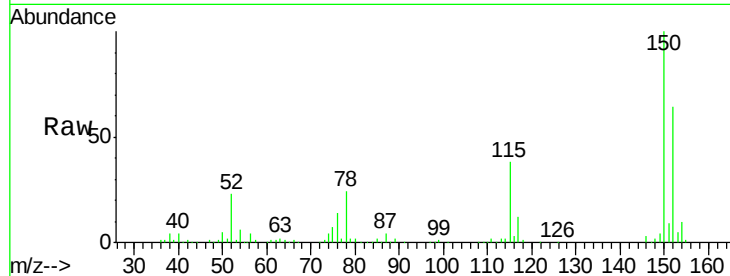


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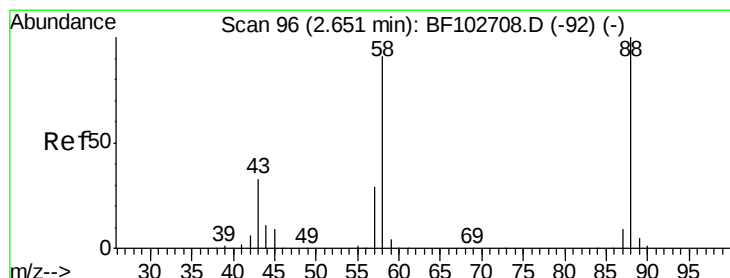
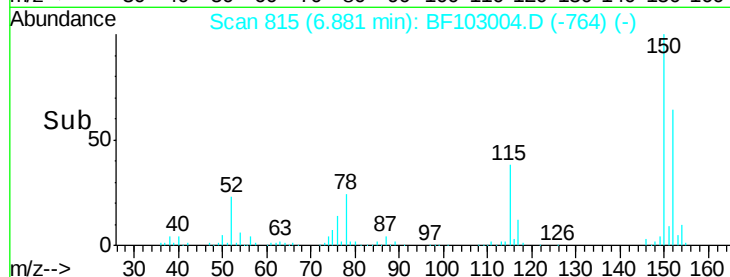
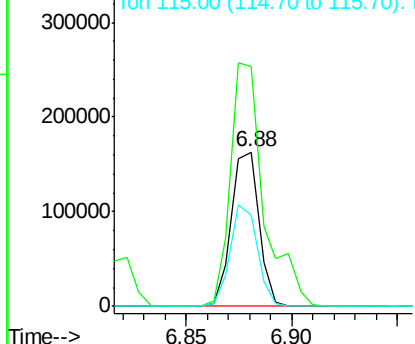
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147604
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 59.1 50.1 75.1



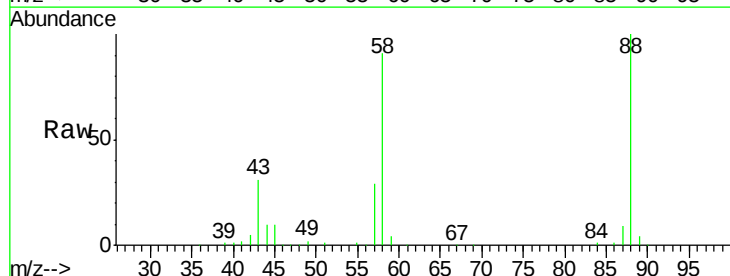
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



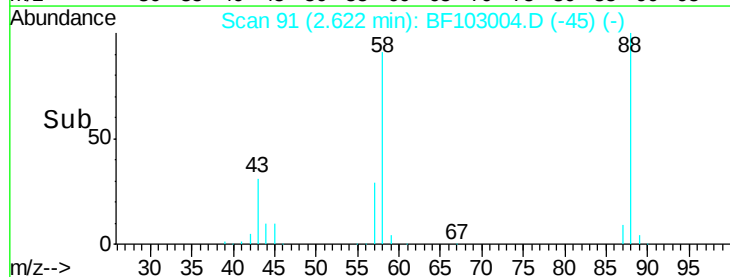
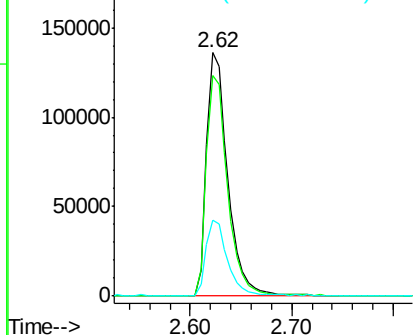
#2

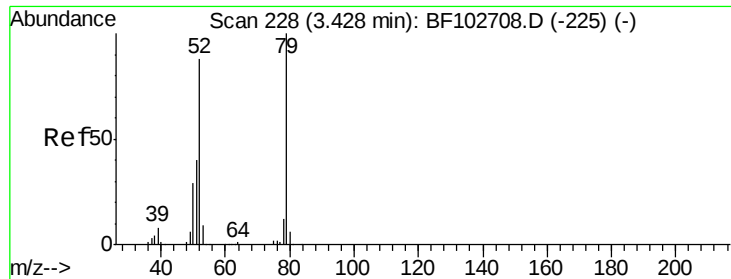
1,4-Dioxane
Concen: 41.40 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.03 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion: 88 Resp: 198748
Ion Ratio Lower Upper
88 100
58 91.3 62.6 93.8
43 30.9 24.6 37.0



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





#3

Pvridine

Concen: 40.32 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampled :

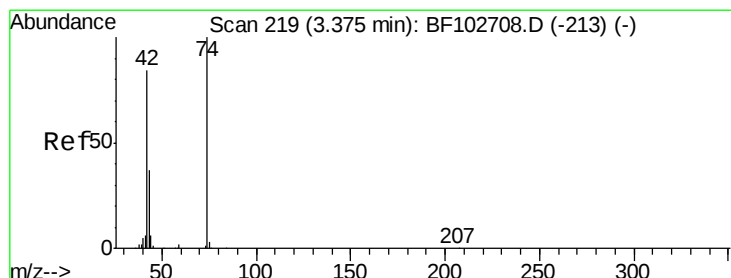
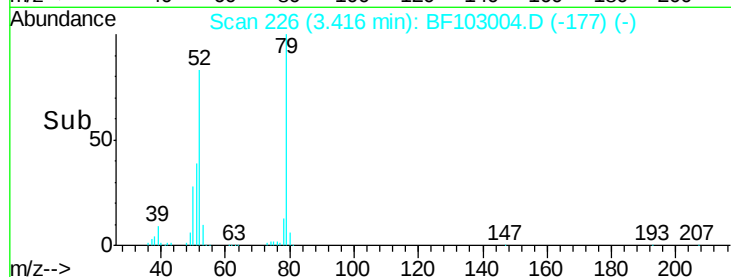
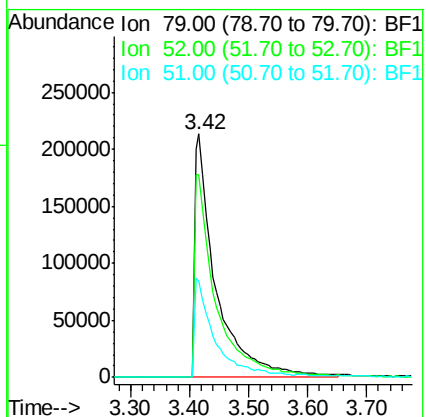
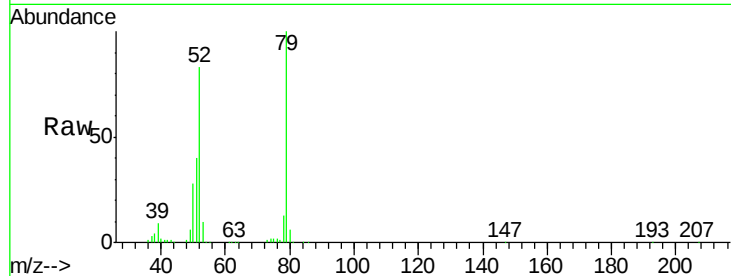
Tot Ion: 79 Resp: 534751

Ion Ratio Lower Upper

79 100

52 83.2 59.8 89.6

51 39.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.86 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.02 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

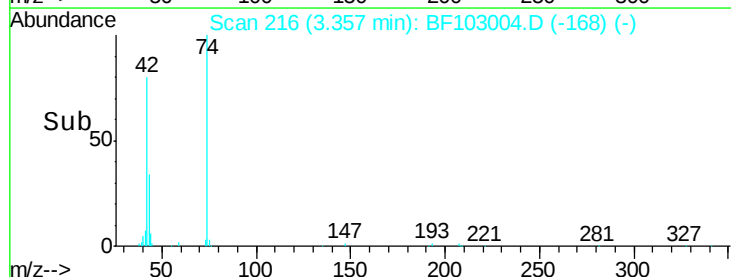
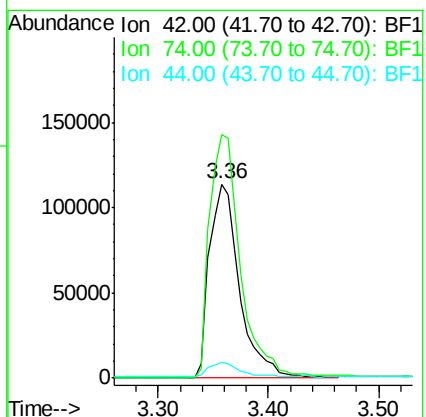
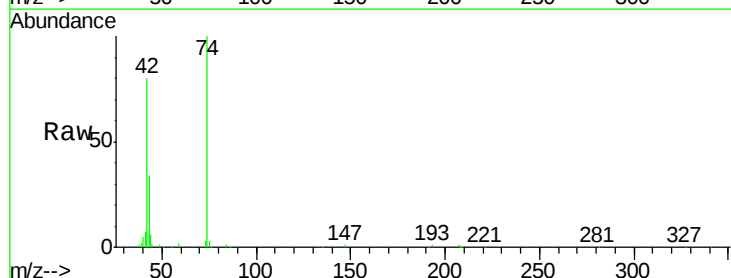
Tgt Ion: 42 Resp: 214841

Ion Ratio Lower Upper

42 100

74 125.7 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 77.78 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

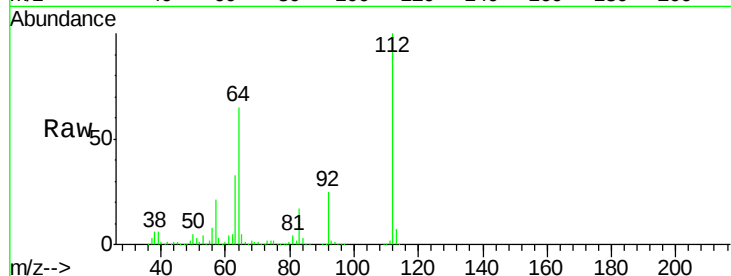
Tot Ion:112 Resp: 755945

Ion Ratio Lower Upper

112 100

64 65.4 47.9 71.9

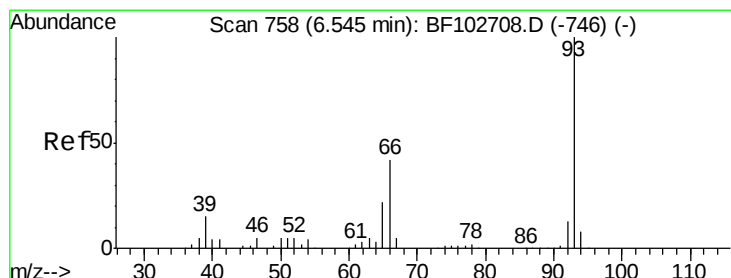
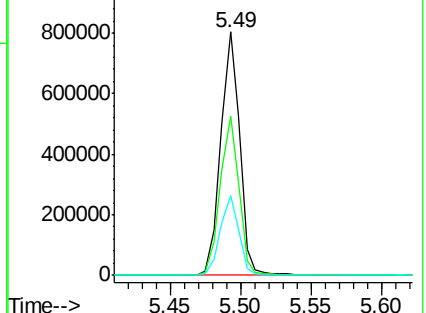
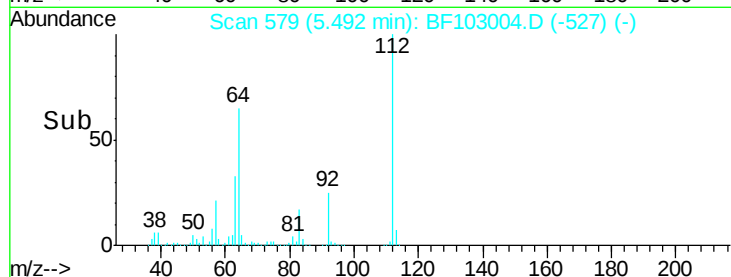
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.29 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

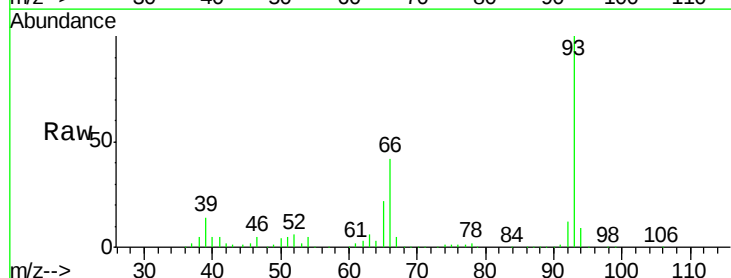
Tgt Ion: 93 Resp: 644378

Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

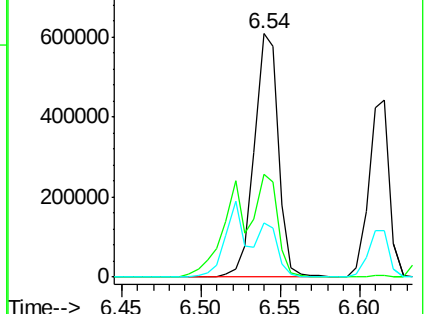
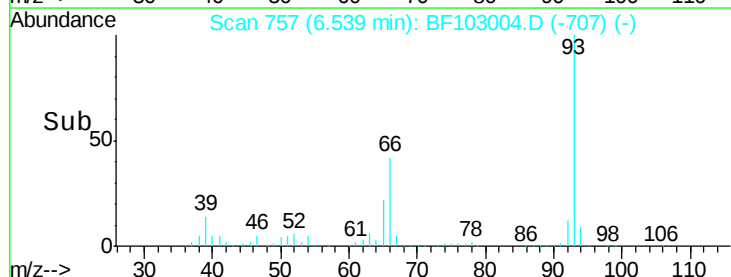
65 22.2 16.4 24.6

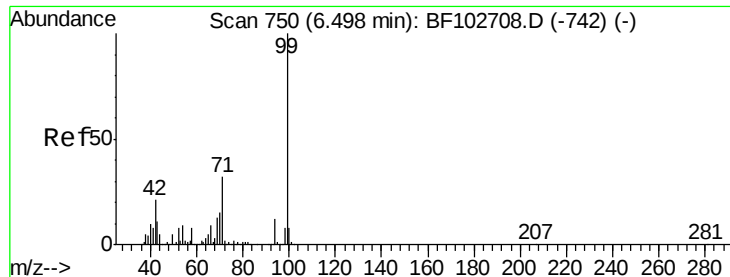


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.02 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

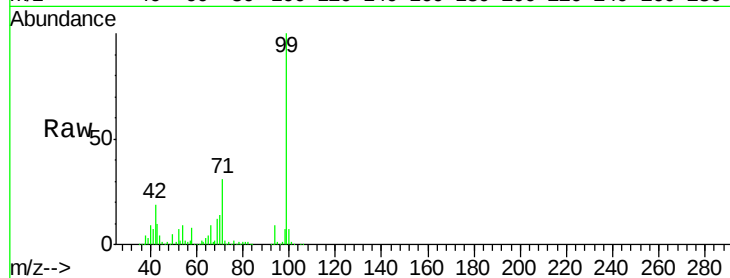
Tot Ion: 99 Resp: 877947

Ion Ratio Lower Upper

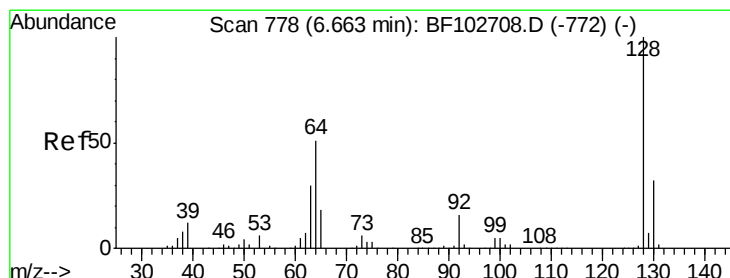
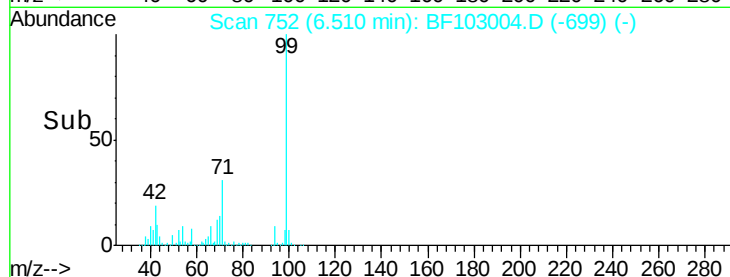
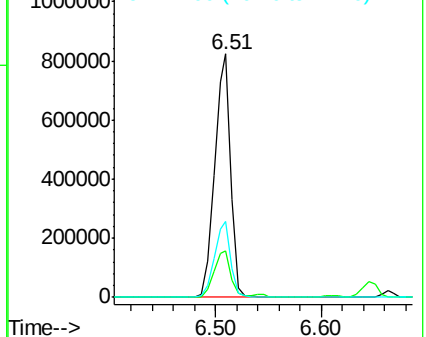
99 100

42 19.1 14.5 21.7

71 31.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.18 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

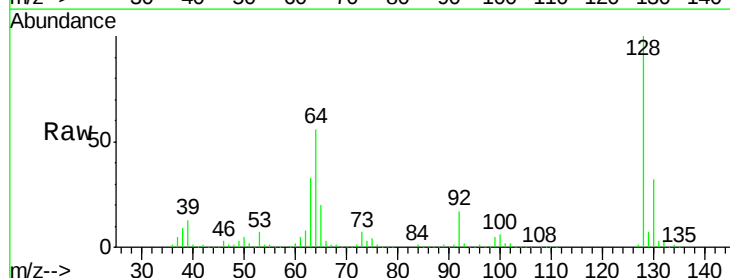
Tgt Ion: 128 Resp: 382044

Ion Ratio Lower Upper

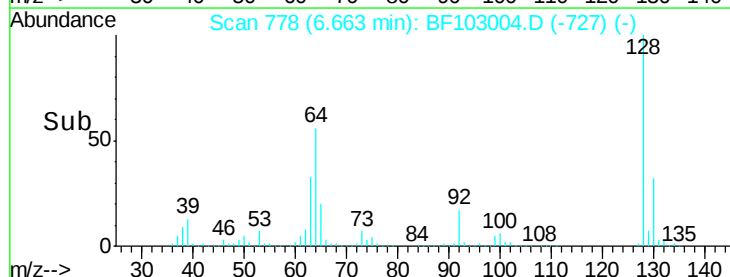
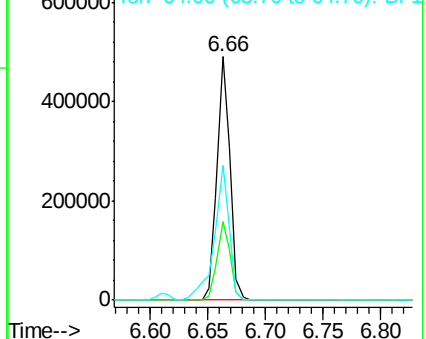
128 100

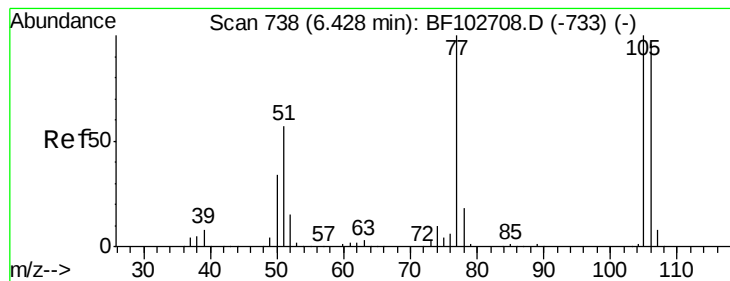
130 32.1 13.0 53.0

64 55.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 33.36 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

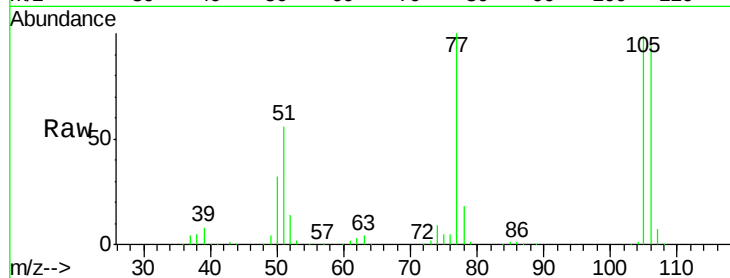
Tot Ion: 77 Resp: 289963

Ion Ratio Lower Upper

77 100

105 99.2 81.1 121.1

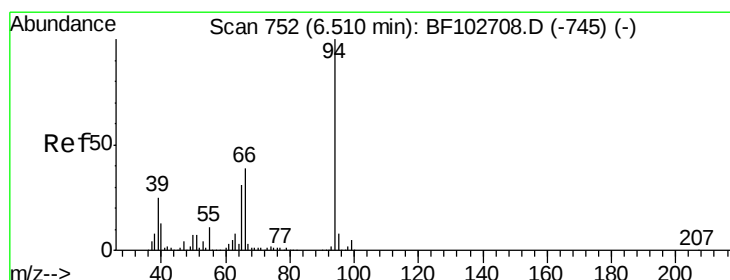
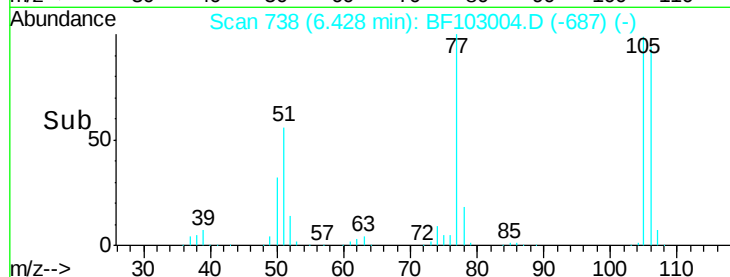
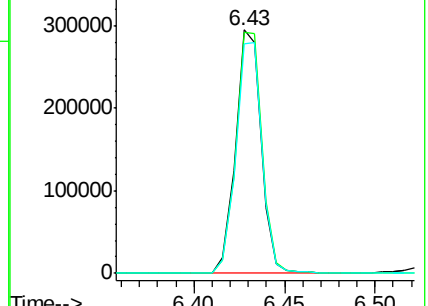
106 94.3 74.5 114.5



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: 40.58 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

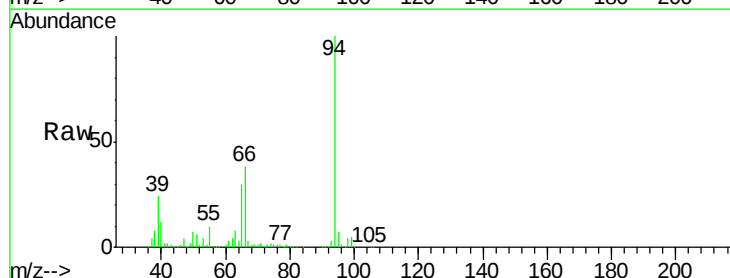
Tgt Ion: 94 Resp: 508894

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

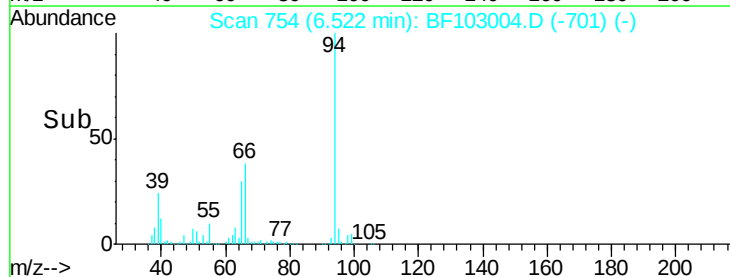
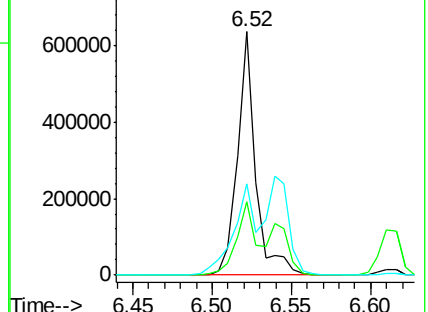
66 37.7 16.2 56.2

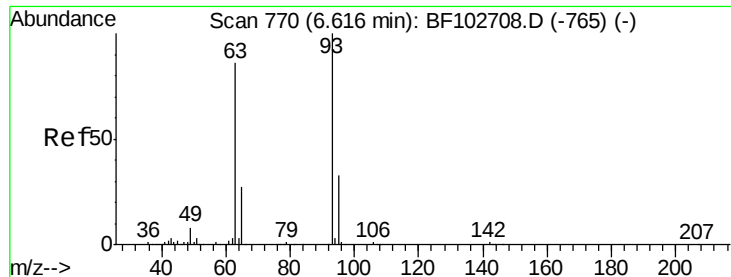


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.34 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampled :

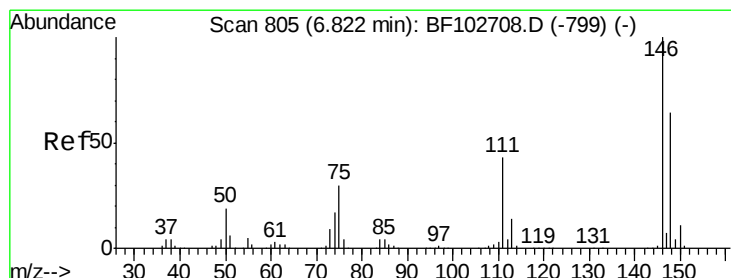
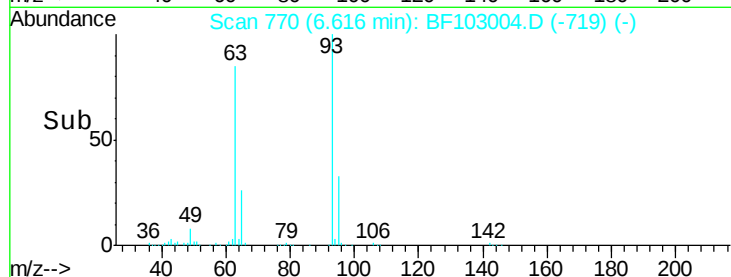
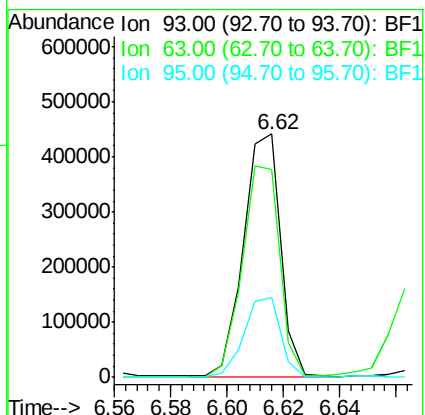
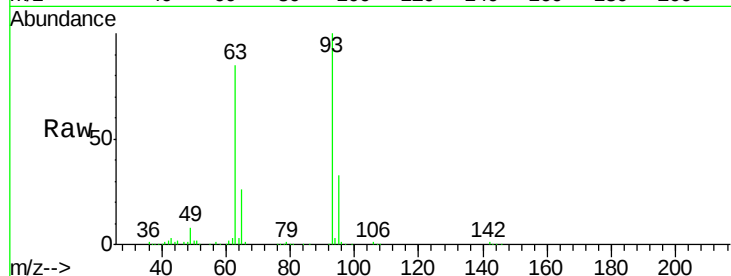
Tot Ion: 93 Resp: 400074

Ion Ratio Lower Upper

93 100

63 85.4 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.22 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

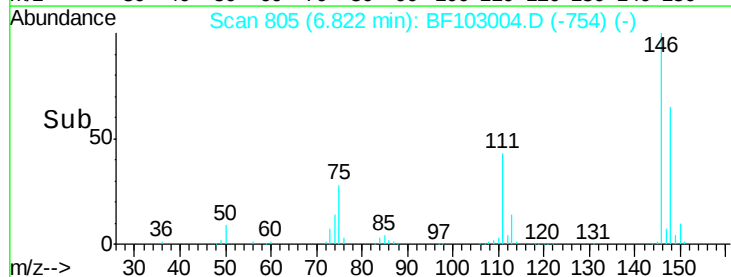
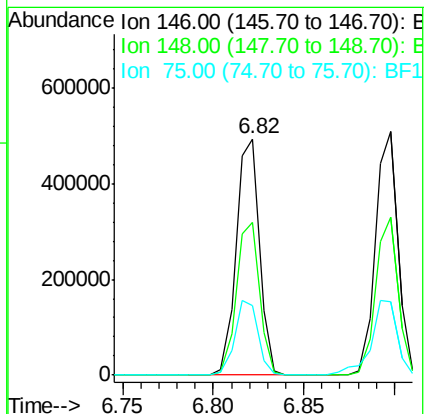
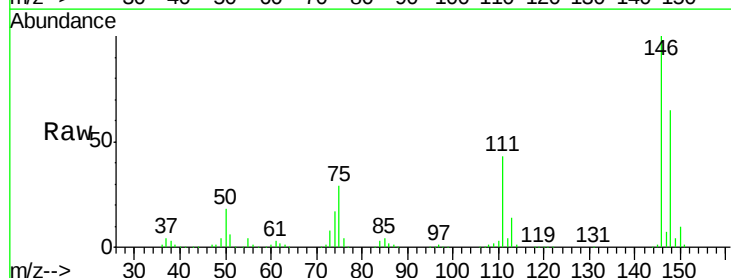
Tgt Ion: 146 Resp: 442851

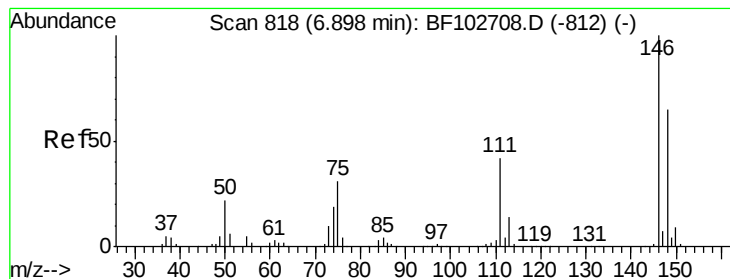
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

75 29.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.14 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

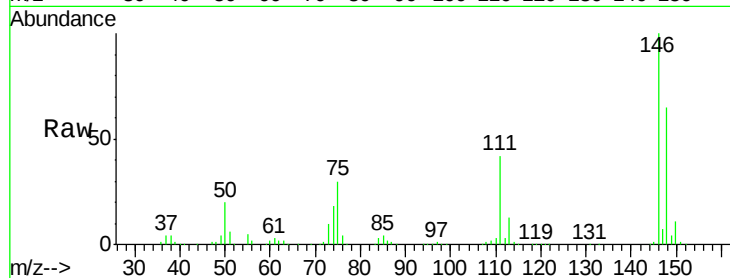
Tot Ion:146 Resp: 440223

Ion Ratio Lower Upper

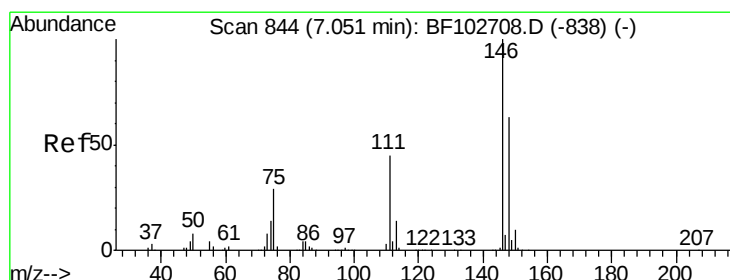
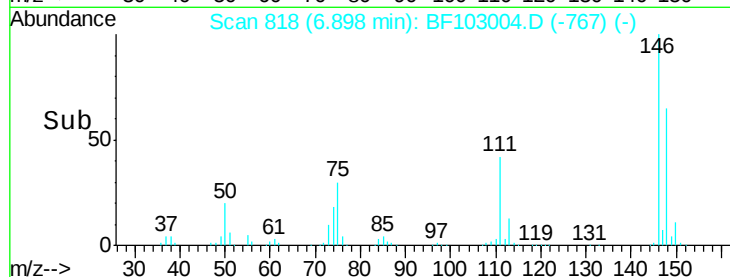
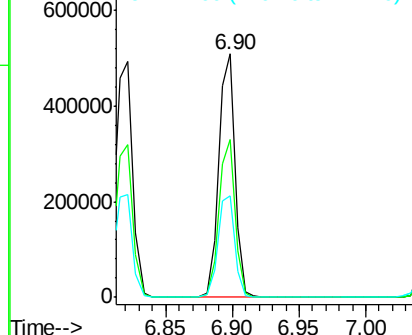
146 100

148 64.8 50.8 76.2

111 41.7 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: 37.92 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

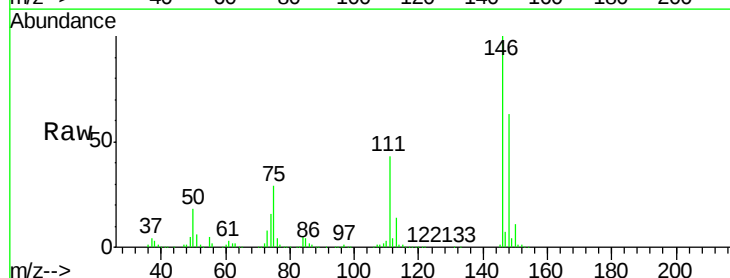
Tgt Ion:146 Resp: 407624

Ion Ratio Lower Upper

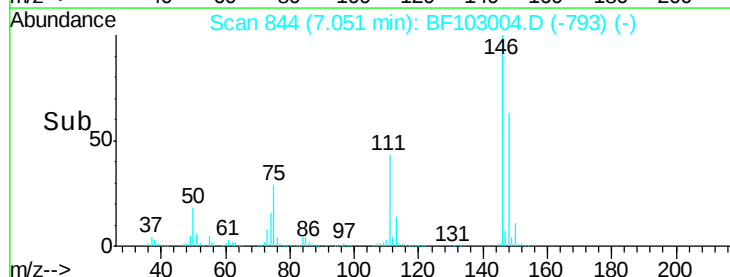
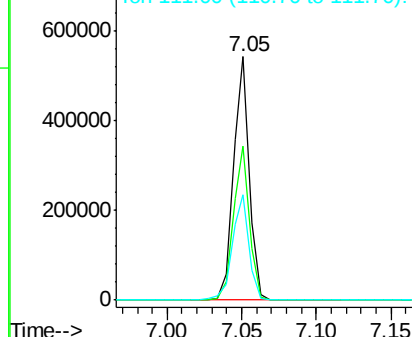
146 100

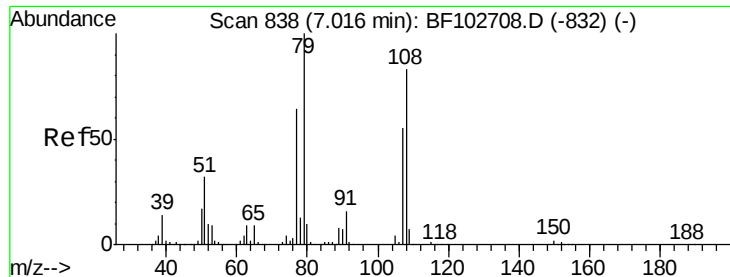
148 63.5 50.6 75.8

111 43.2 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: 37.00 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

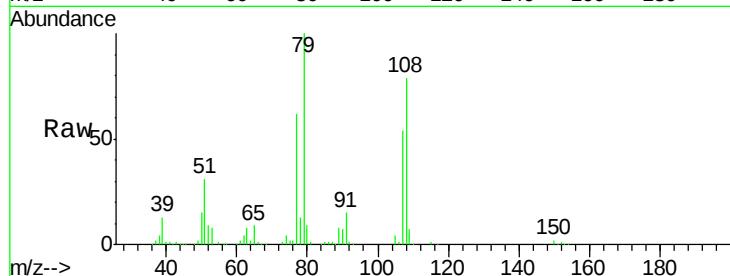
Tot Ion: 79 Resp: 332874

Ion Ratio Lower Upper

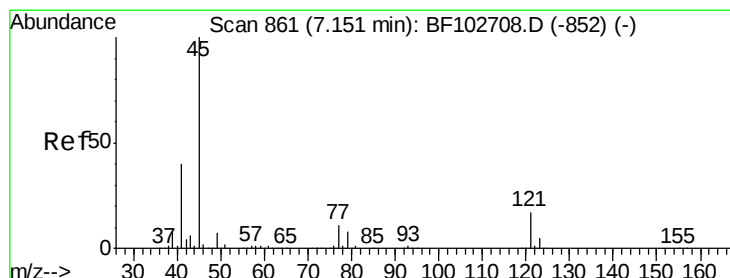
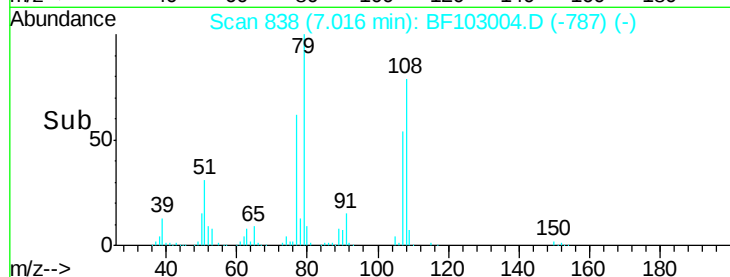
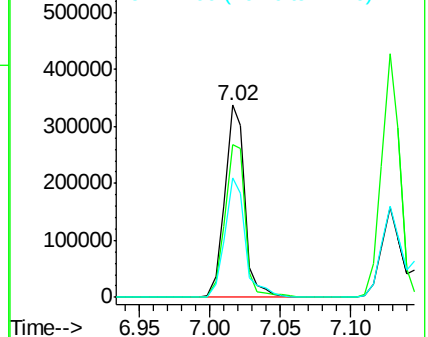
79 100

108 79.4 65.1 97.7

77 62.5 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.99 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

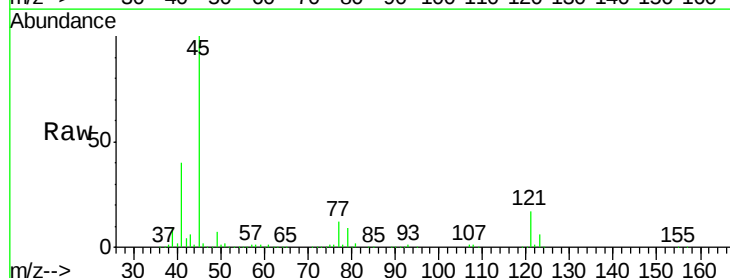
Tgt Ion: 45 Resp: 693575

Ion Ratio Lower Upper

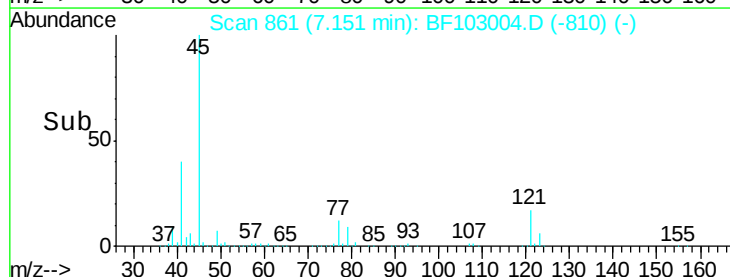
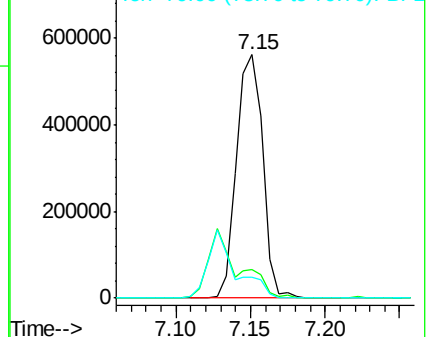
45 100

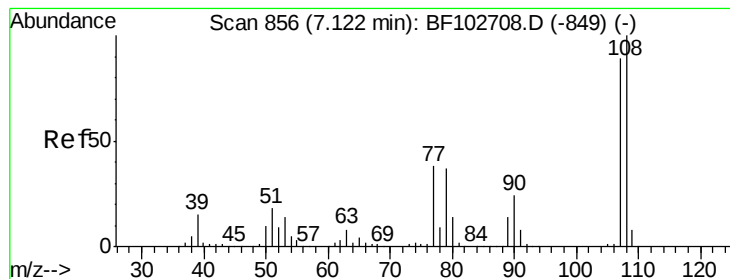
77 12.0 0.0 32.9

79 8.8 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

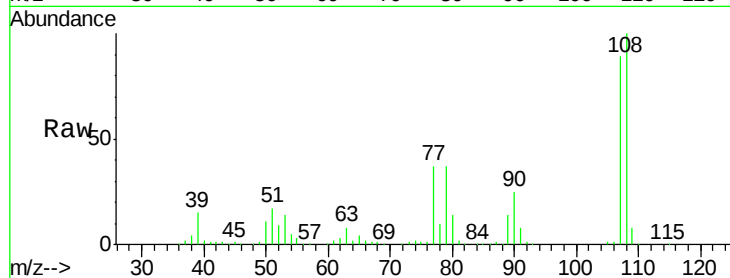




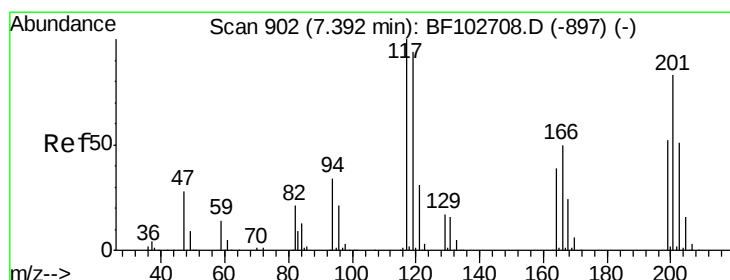
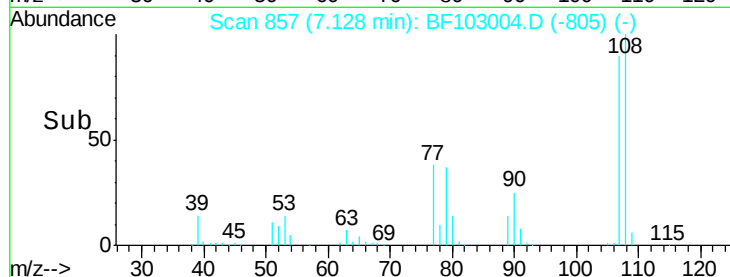
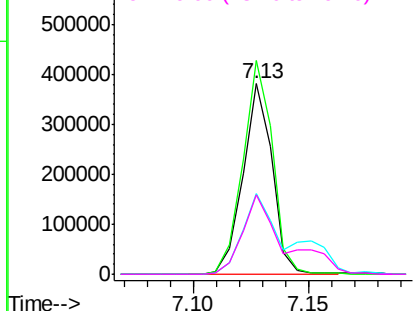
#17
2-Methylphenol
Concen: 36.39 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 335912
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 42.0 33.8 50.8
79 41.4 33.8 50.8

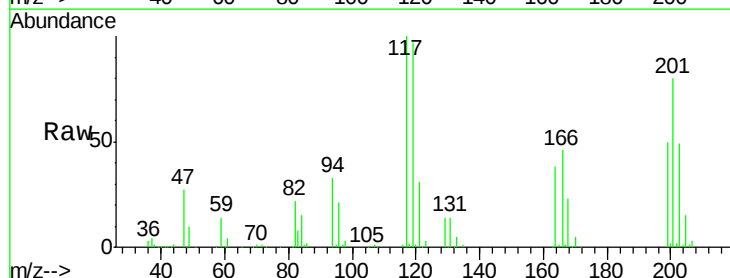


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

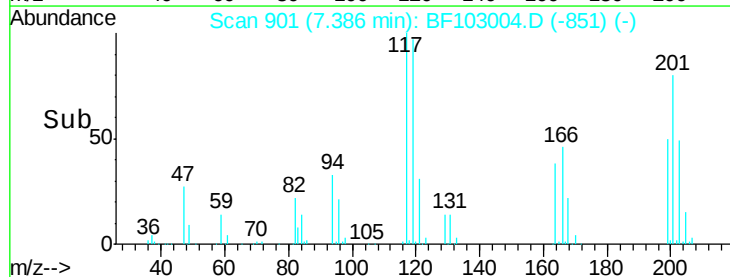
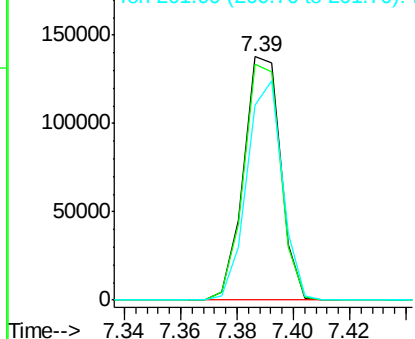


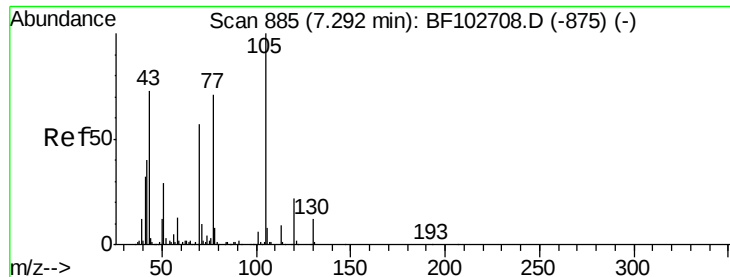
#18
Hexachloroethane
Concen: 31.68 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:117 Resp: 125377
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 79.8 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

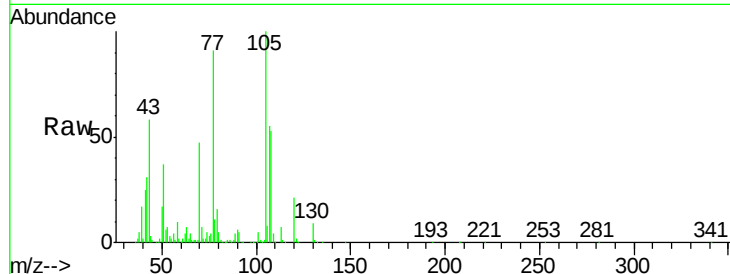




#19
n-Nitroso-di-n-propylamine
Concen: 34.11 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.0	47.5	71.3
101	10.0	7.4	11.2
130	19.5	16.6	25.0



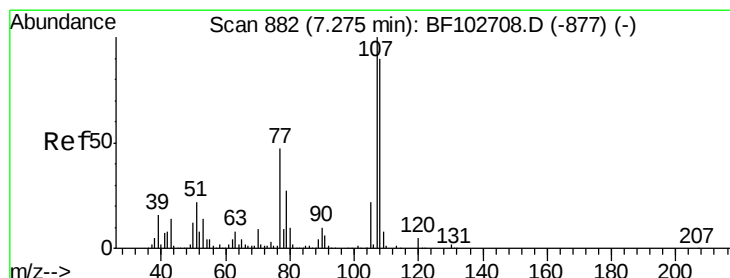
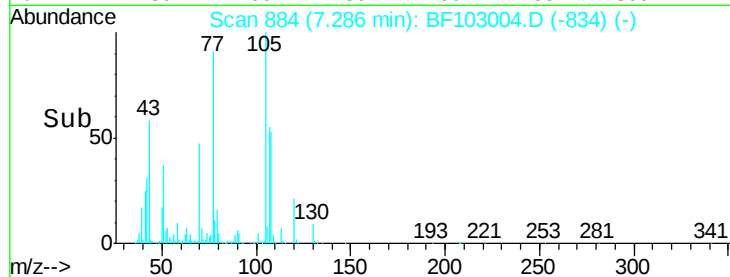
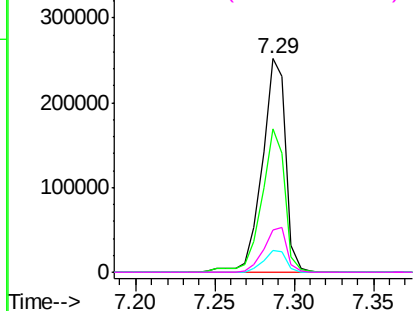
Abundance

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: 34.39 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	84.1	26.7	66.7#
79	26.3	6.3	46.3

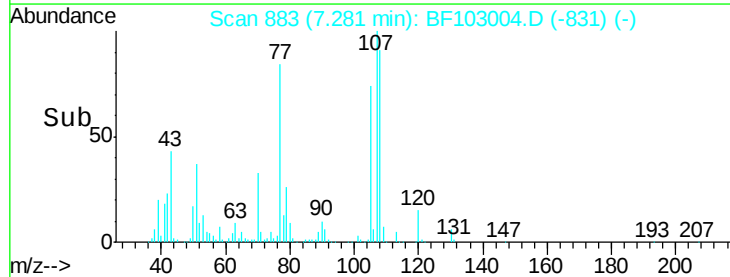
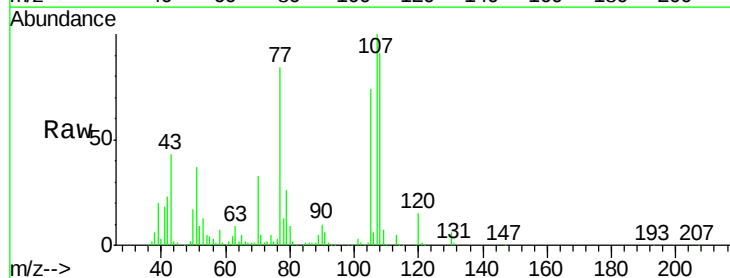
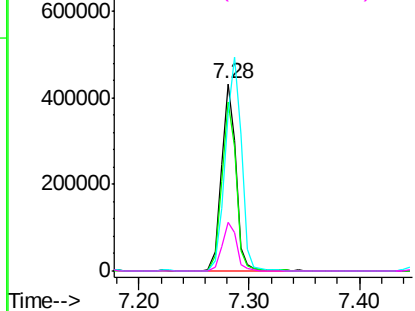
Abundance

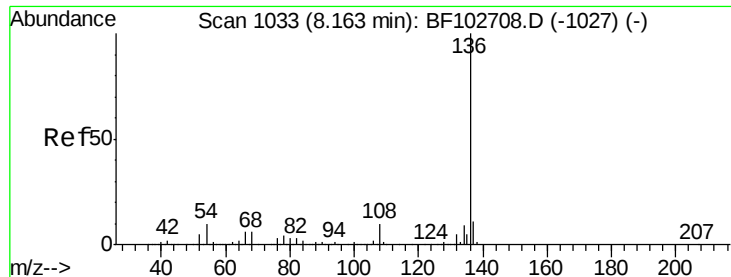
Ion 107.00 (106.70 to 107.70): BF1

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

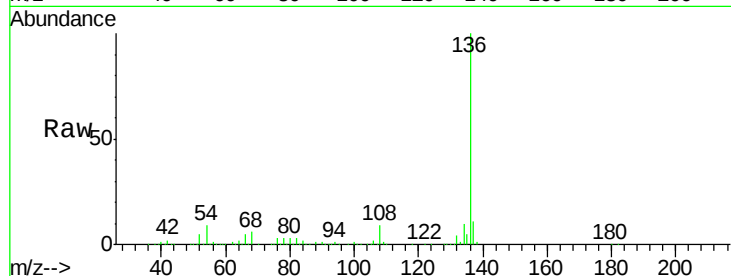




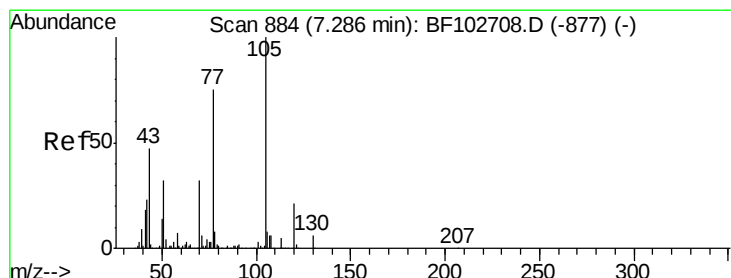
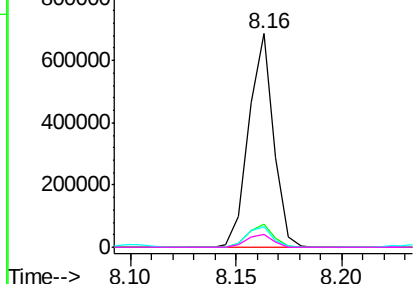
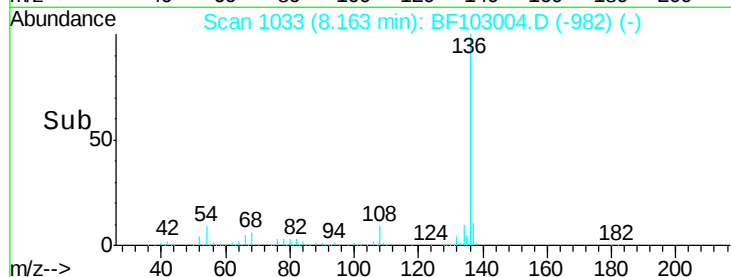
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	558228
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	9.4	6.6 9.8
68	6.3	5.0 7.4

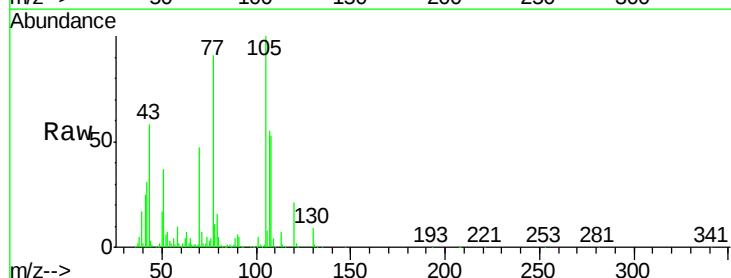


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

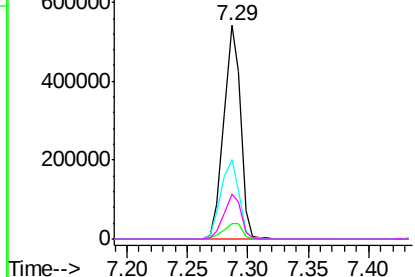
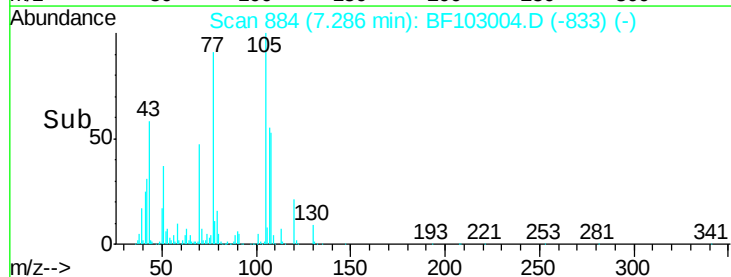


#22
Acetophenone
Concen: 38.19 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:105	Resp:	521645
Ion Ratio	Lower	Upper
105	100	
71	7.4	4.4 6.6#
51	37.5	22.3 33.5#
120	21.2	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

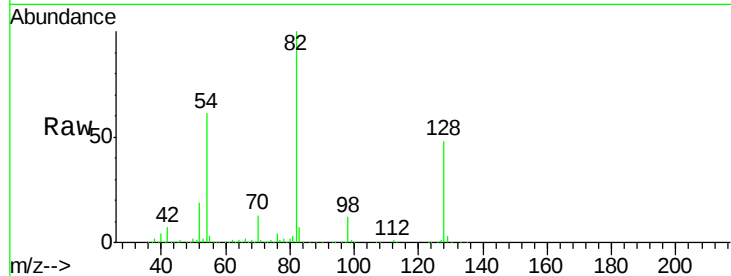




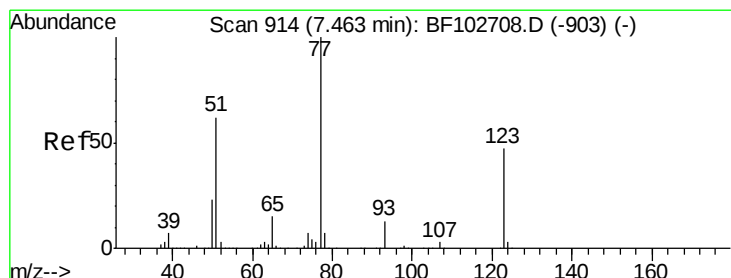
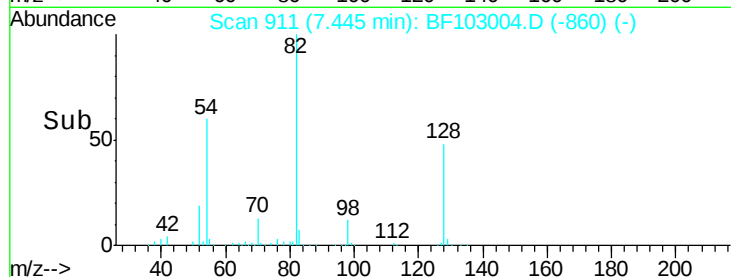
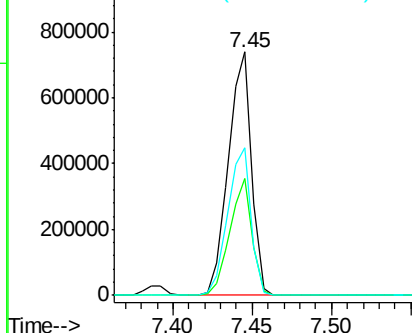
#23
 Nitrobenzene-d5
 Concen: 92.84 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	747082
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.1	54.1
54	60.6	41.4	62.2

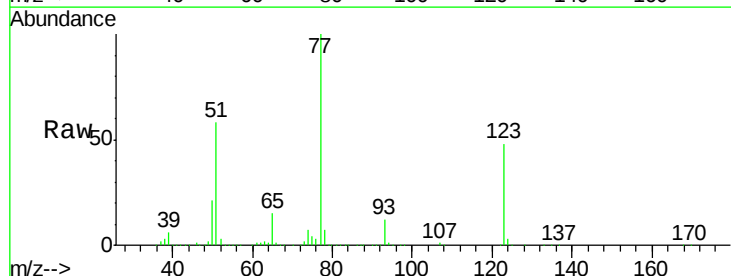


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

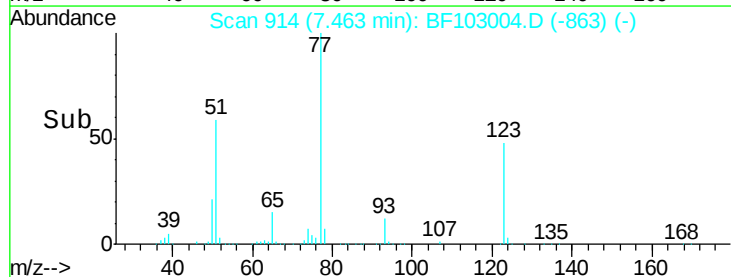
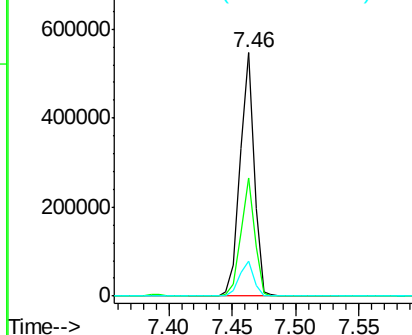


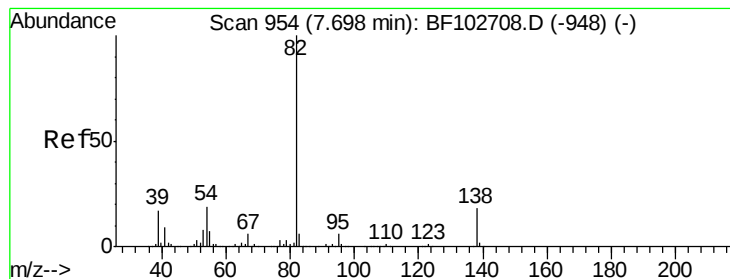
#24
 Nitrobenzene
 Concen: 43.64 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion	77	Resp	413077
Ion Ratio	Lower	Upper	
77	100		
123	48.4	37.9	56.9
65	14.5	11.0	16.4



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





#25

Isophorone

Concen: 36.73 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

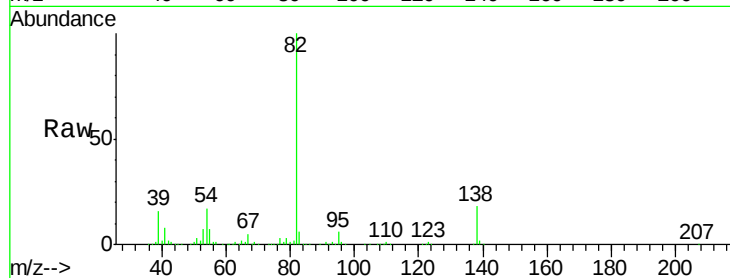
Tot Ion: 82 Resp: 680522

Ion Ratio Lower Upper

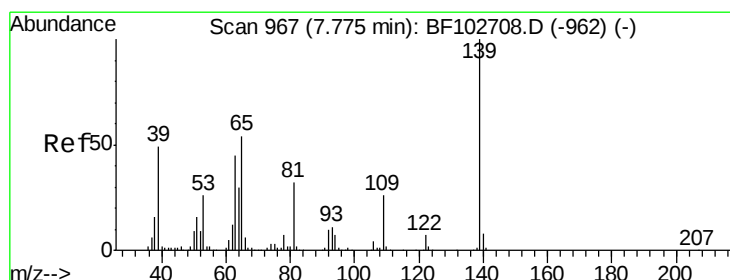
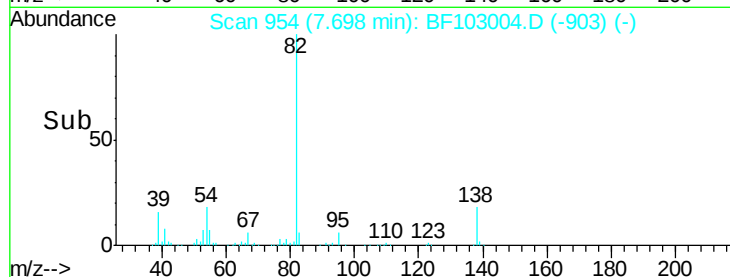
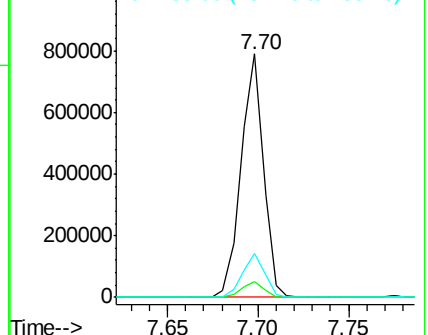
82 100

95 6.5 5.2 7.8

138 17.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.00 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

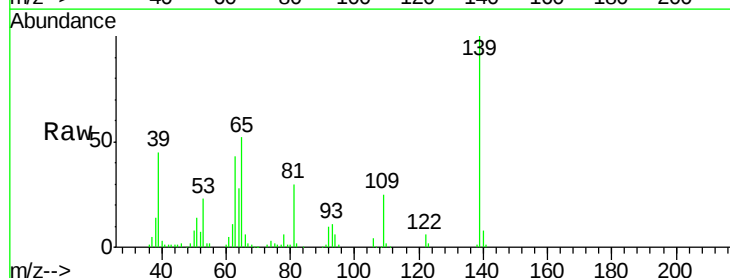
Tgt Ion: 139 Resp: 115487

Ion Ratio Lower Upper

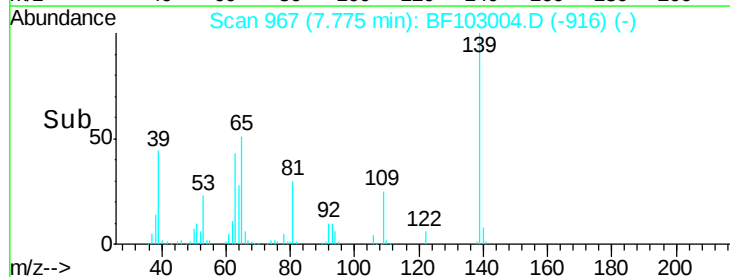
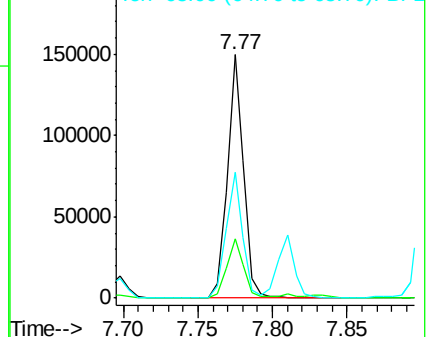
139 100

109 24.5 22.7 34.1

65 51.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.62 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampled :

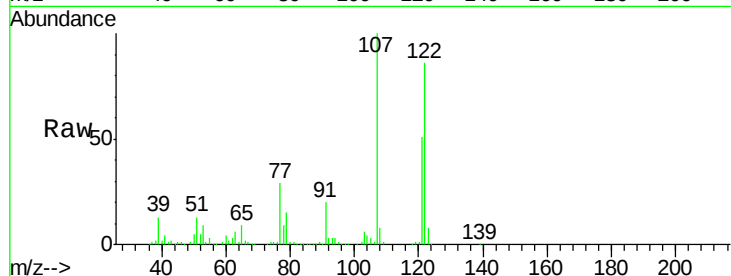
Tot Ion:122 Resp: 286674

Ion Ratio Lower Upper

122 100

107 115.8 91.2 136.8

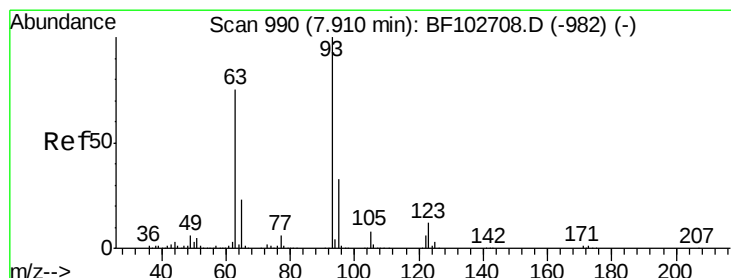
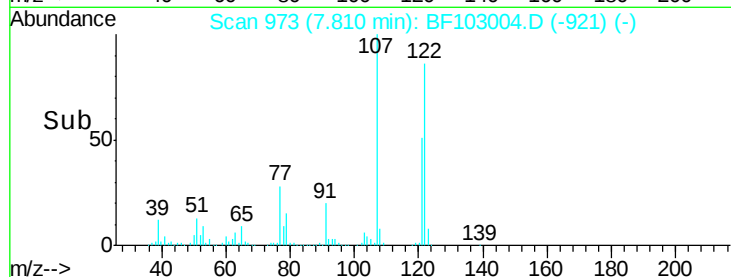
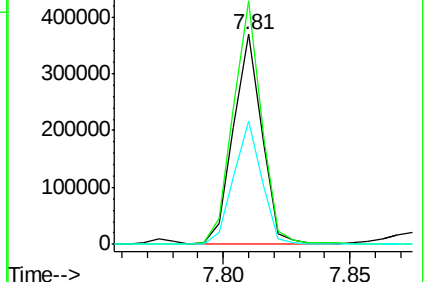
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.49 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

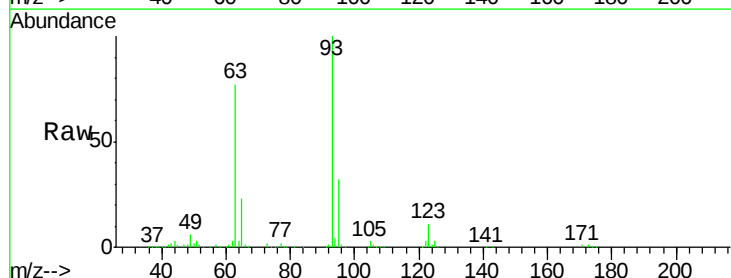
Tgt Ion: 93 Resp: 444434

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

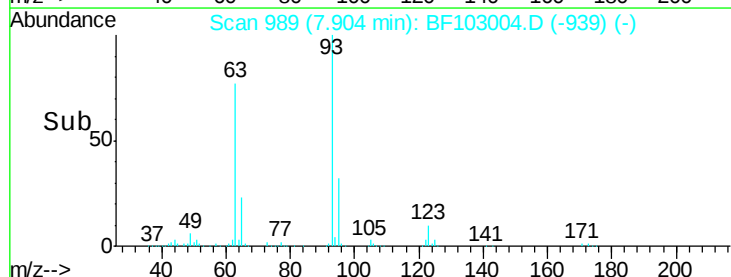
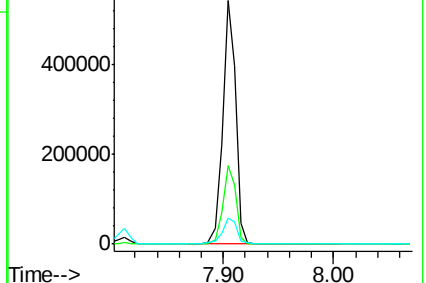
123 10.5 9.8 14.6



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

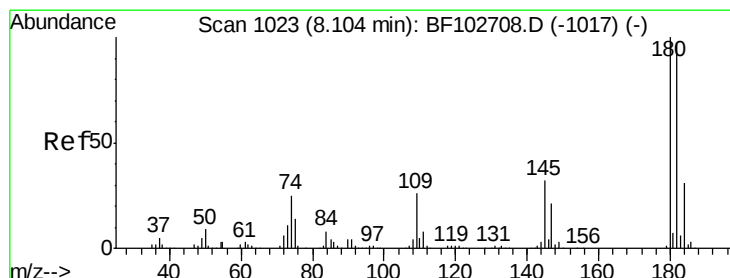
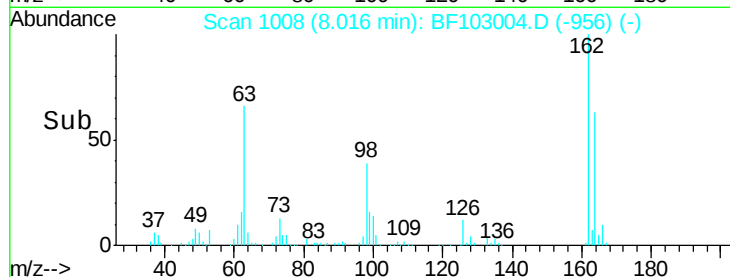
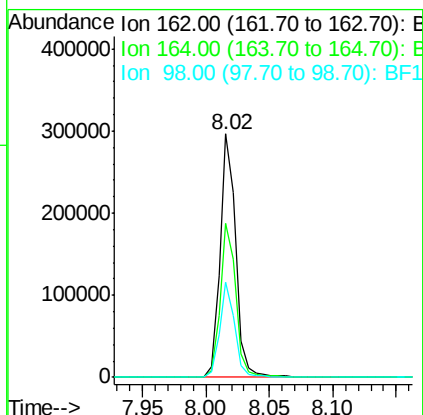
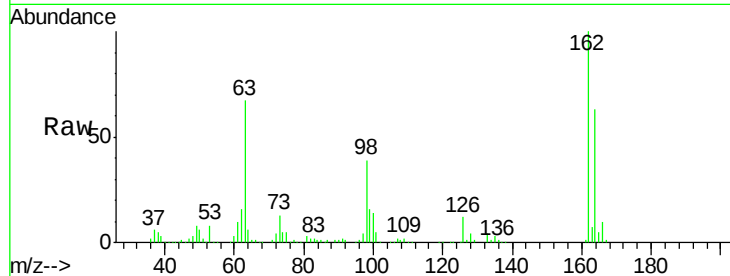




#29
 2,4-Dichlorophenol
 Concen: 36.40 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

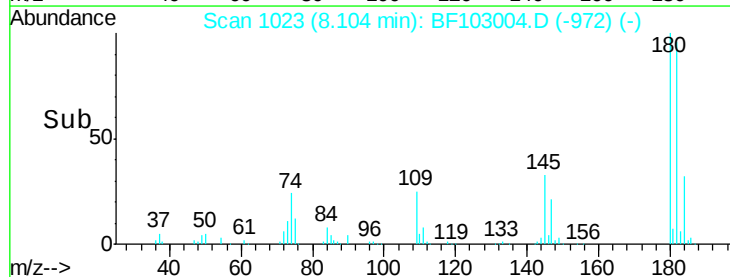
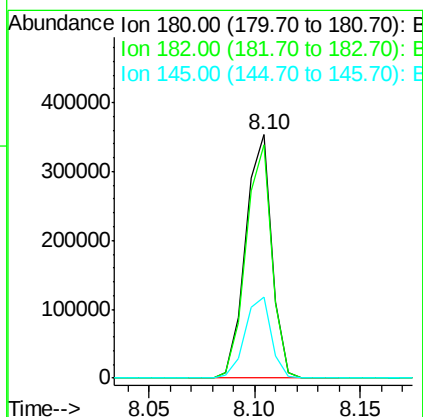
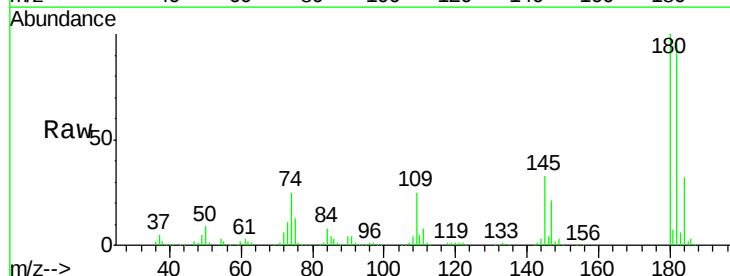
Instrument :
 BNA_F
 ClientSampleId :

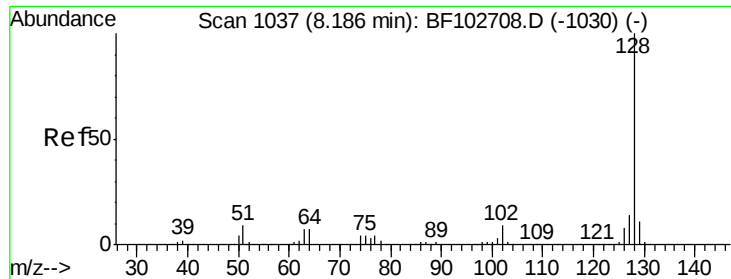
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	39.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.78 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	33.2	26.5	39.7

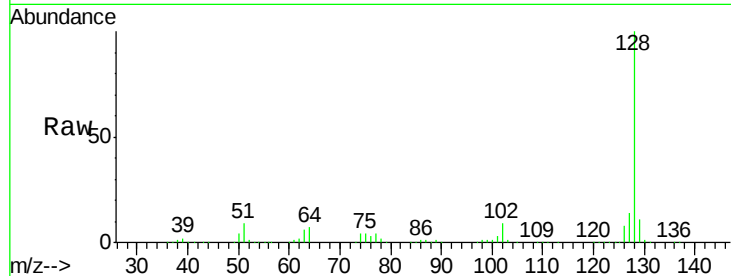




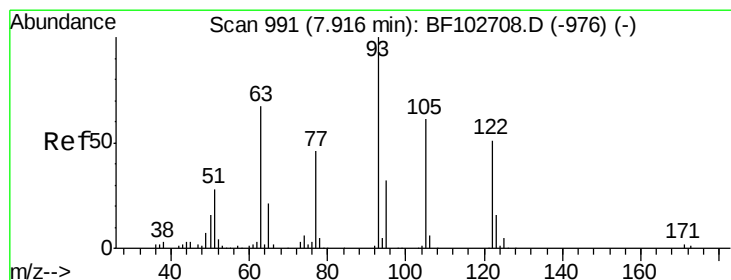
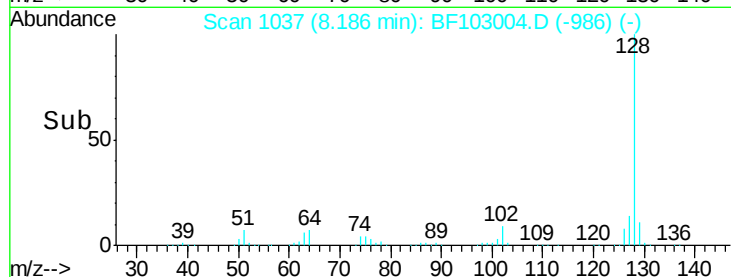
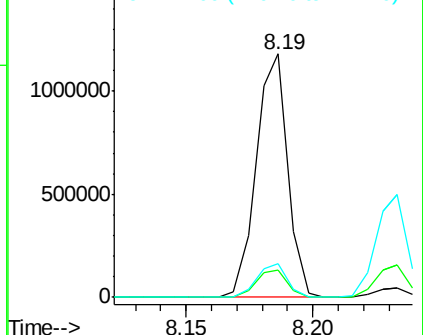
#31
Naphthalene
Concen: 37.33 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1018235
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

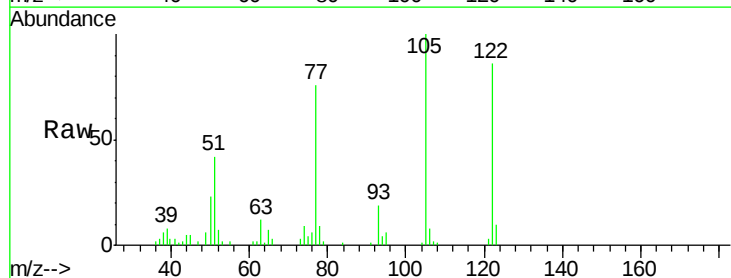


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

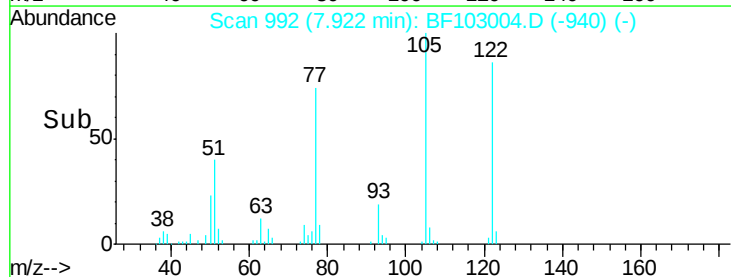
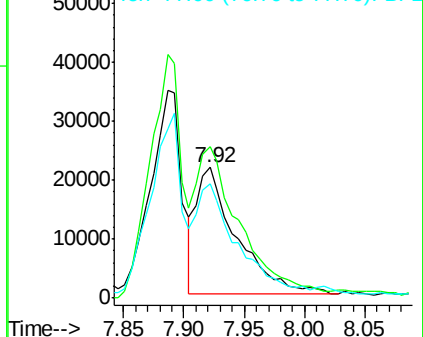


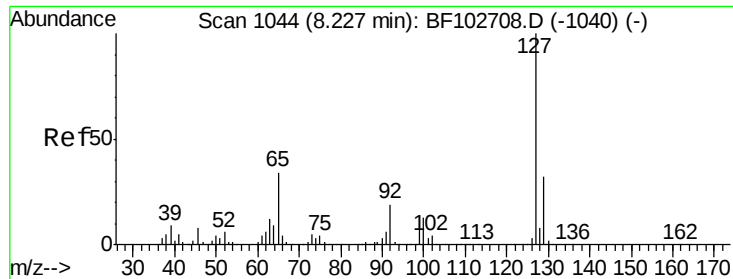
#32
Benzoic acid
Concen: 16.86 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:122 Resp: 49217
Ion Ratio Lower Upper
122 100
105 116.2 101.1 141.1
77 88.0 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

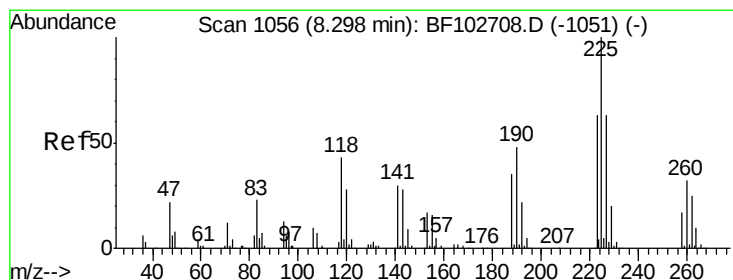
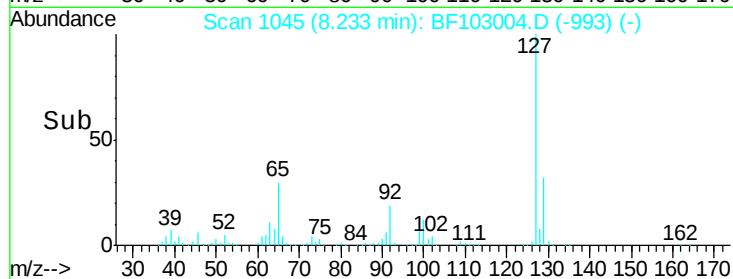
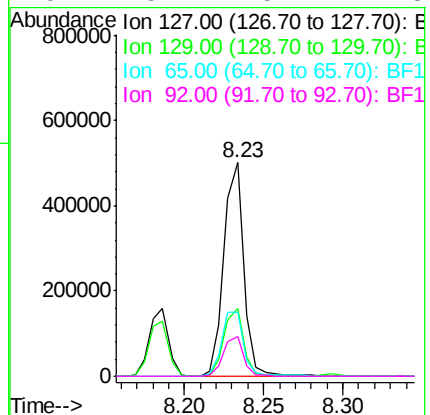
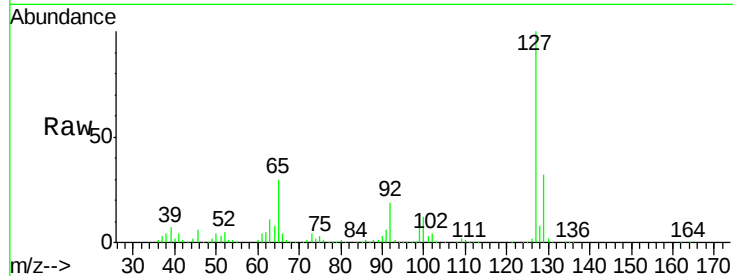




#33
4-Chloroaniline
Concen: 37.02 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

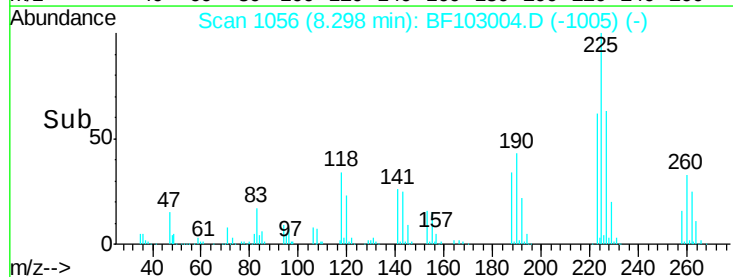
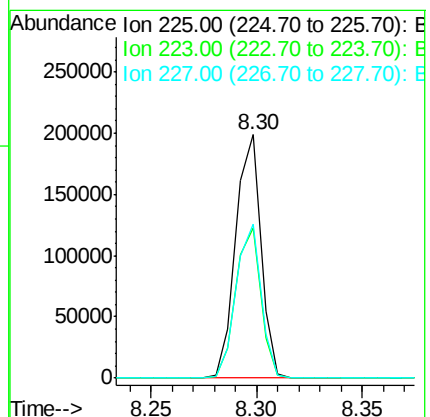
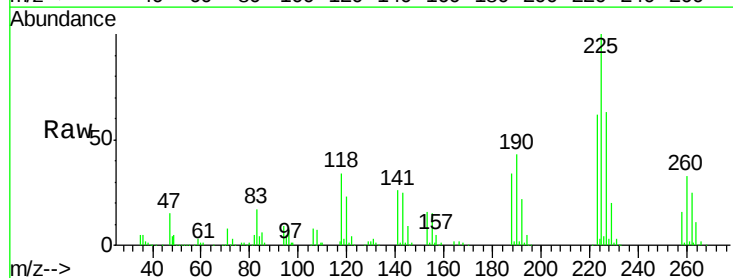
Instrument :
BNA_F
ClientSampleId :

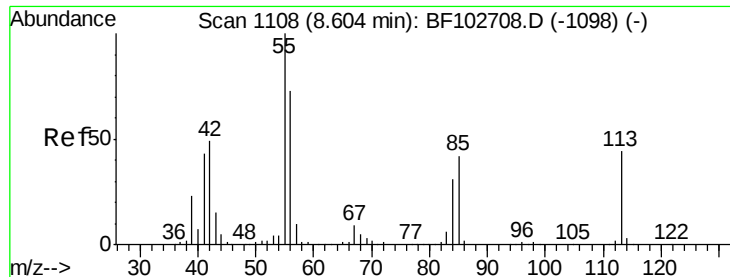
Tot Ion:	127	Resp:	435011
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.2	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.51 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:	225	Resp:	163007
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	63.4	51.9	77.9

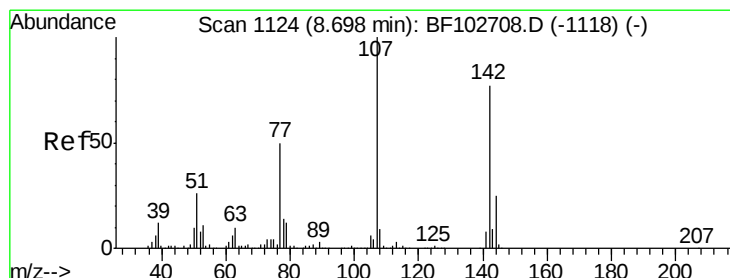
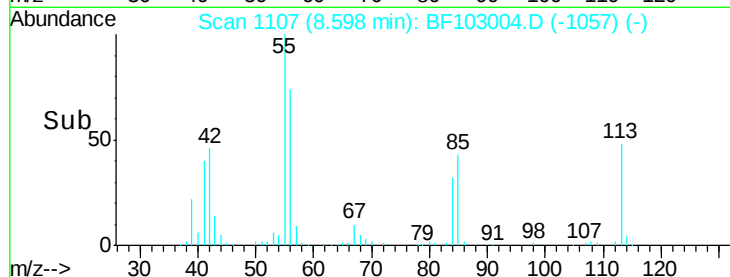
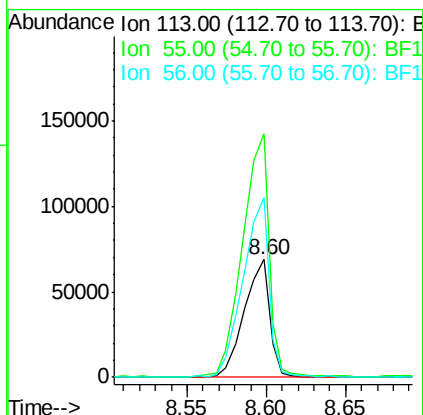
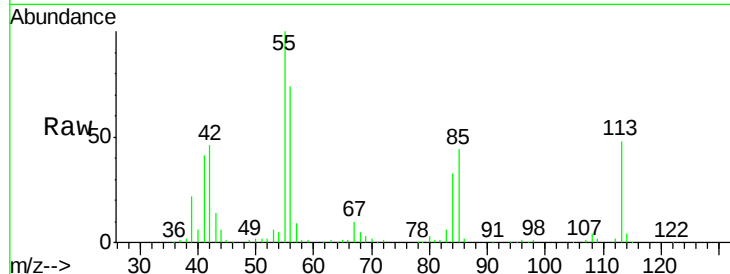




#35
 Caprolactam
 Concen: 30.99 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

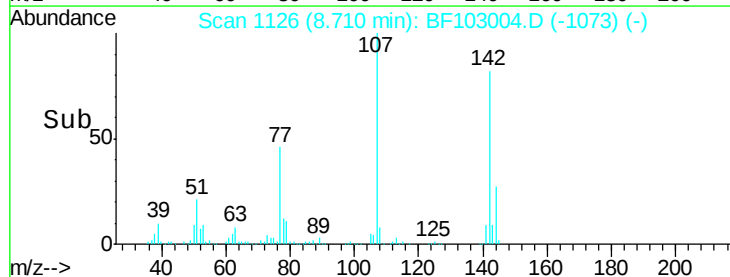
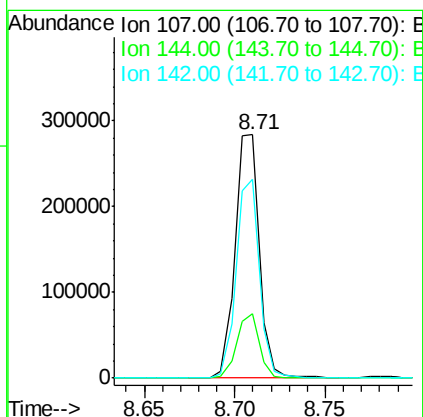
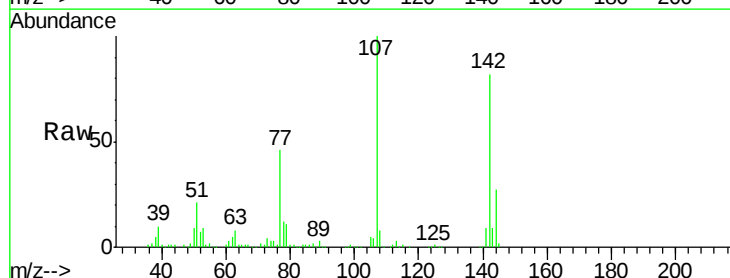
Instrument :
 BNA_F
 ClientSampleId :

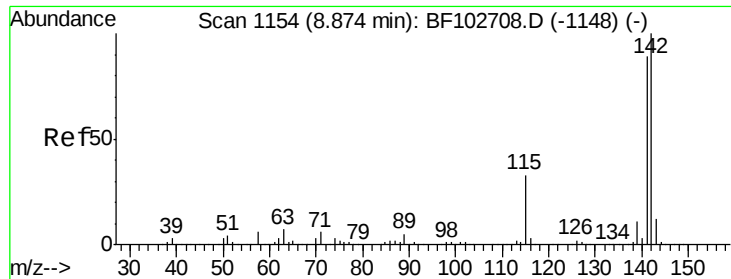
Tot Ion:113 Resp: 76600
 Ion Ratio Lower Upper
 113 100
 55 207.0 163.3 203.3#
 56 153.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 33.31 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion:107 Resp: 266317
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 81.6 62.0 93.0

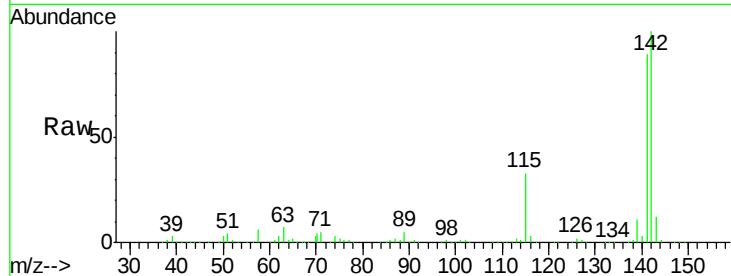




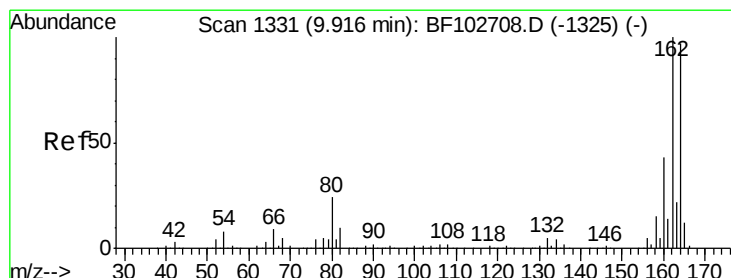
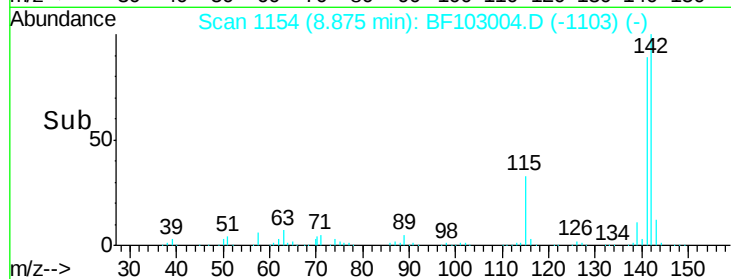
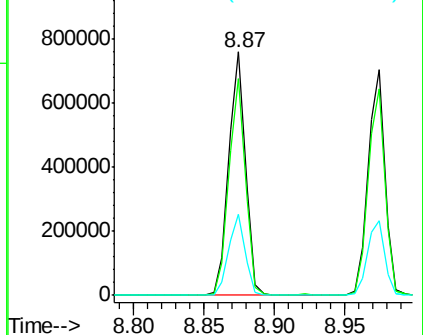
#37
 2-Methylnaphthalene
 Concen: 35.11 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	33.4	26.1	39.1

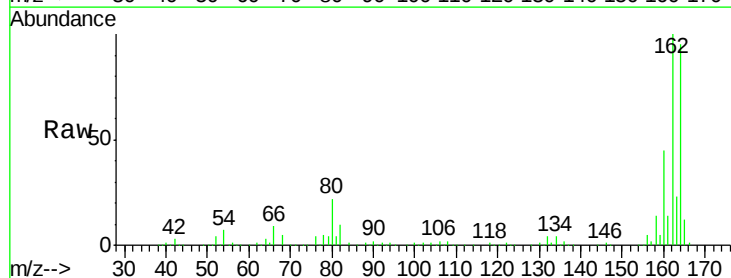


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

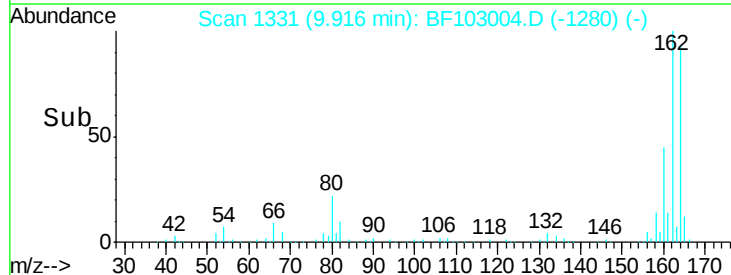
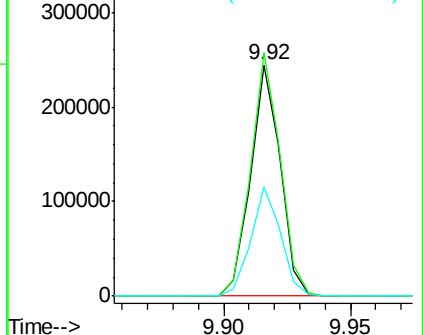


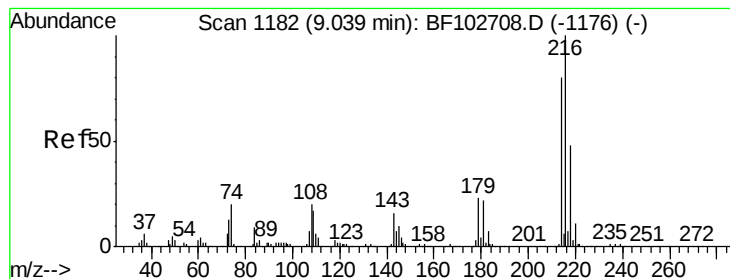
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.3	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: 45.12 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 244615

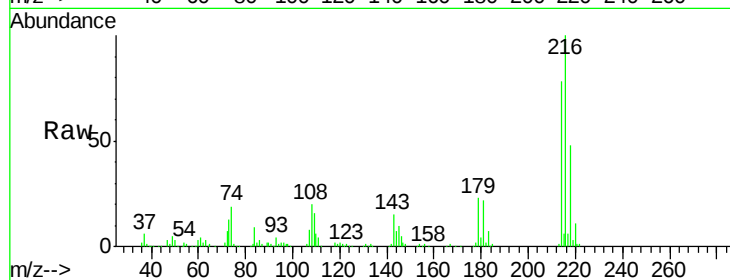
Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.4

179 23.4 18.1 27.1

108 20.3 17.2 25.8

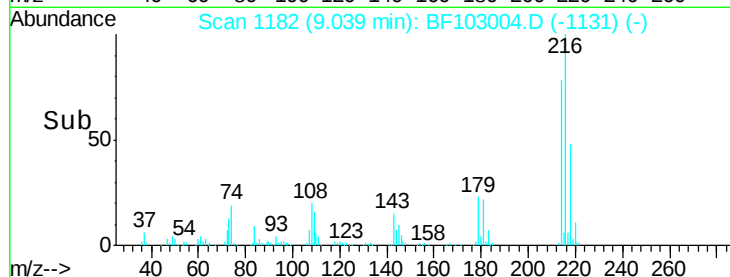


Abundance Ion 216.00 (215.70 to 216.70): E

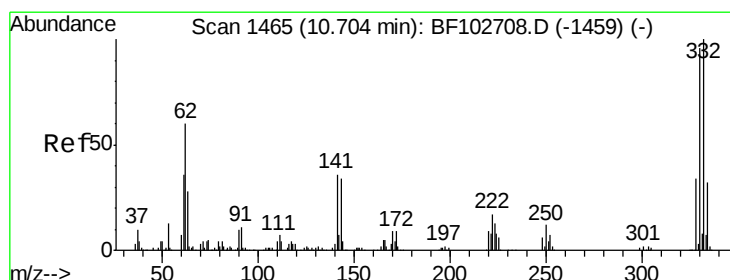
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 74.90 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

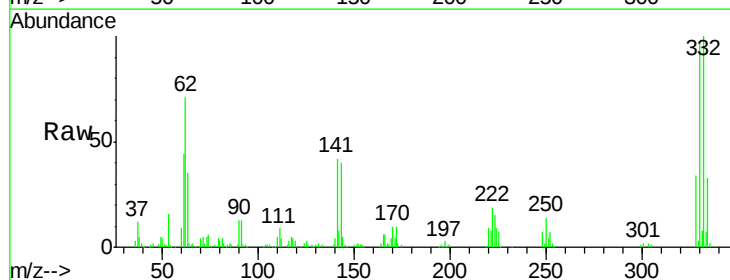
Tgt Ion:330 Resp: 120047

Ion Ratio Lower Upper

330 100

332 102.7 77.0 115.6

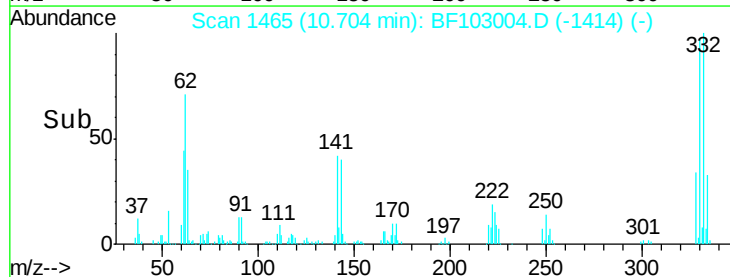
141 40.3 29.9 44.9



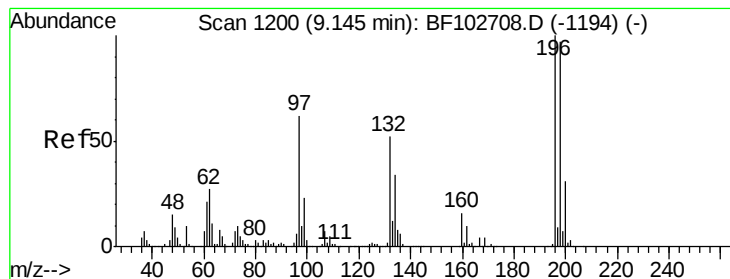
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#42

2,4,6-Trichlorophenol

Concen: 39.58 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampled :

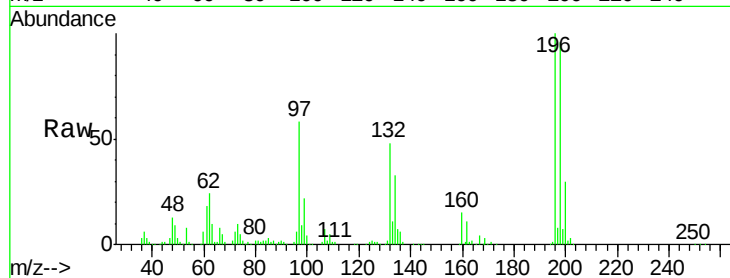
Tot Ion:196 Resp: 140966

Ion Ratio Lower Upper

196 100

198 95.9 75.7 113.5

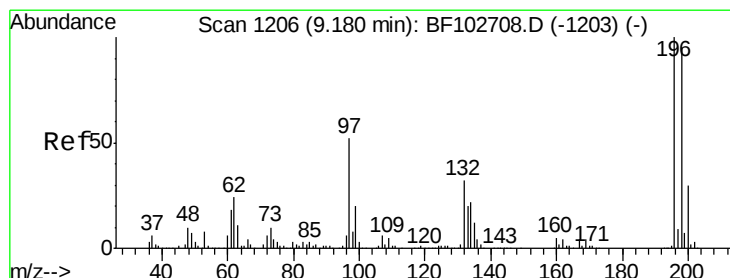
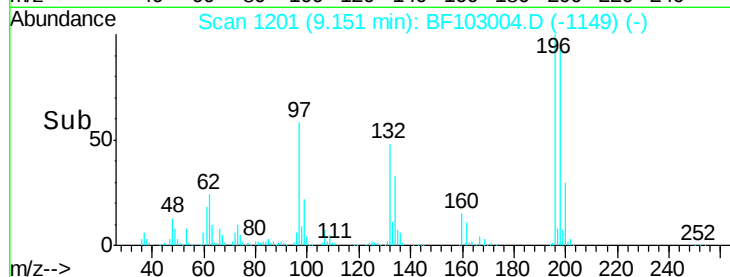
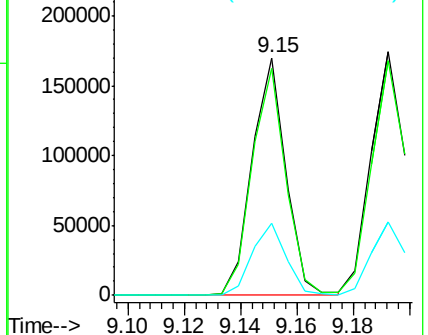
200 30.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 38.41 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Tgt Ion:196 Resp: 154157

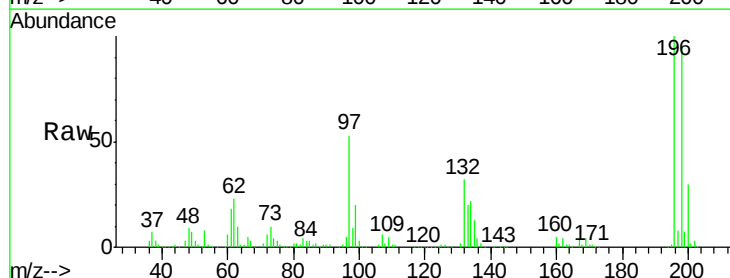
Ion Ratio Lower Upper

196 100

198 96.3 74.6 112.0

97 52.7 42.9 64.3

132 32.1 26.3 39.5

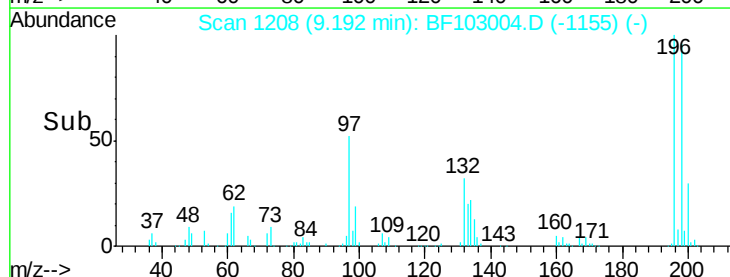
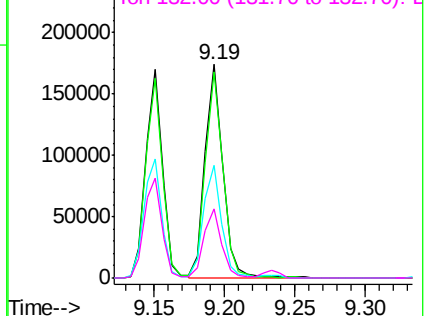


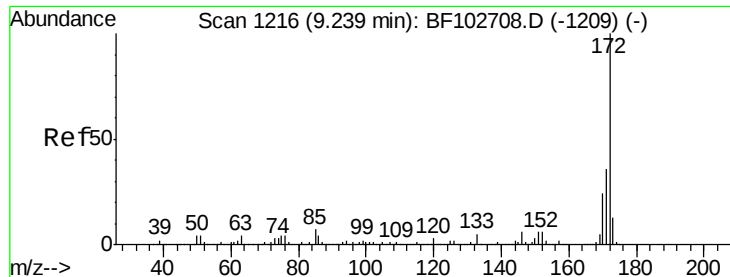
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

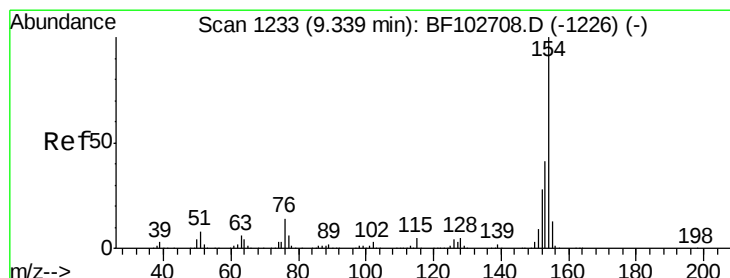
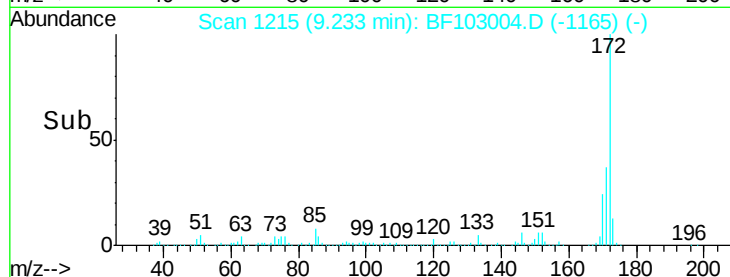
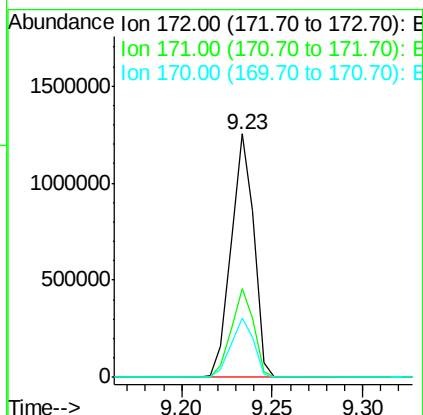
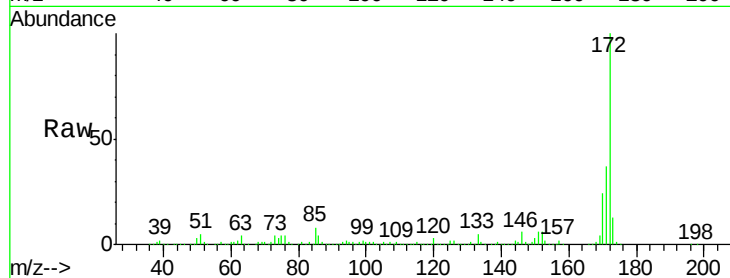




#44
2-Fluorobiphenyl
Concen: 91.25 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

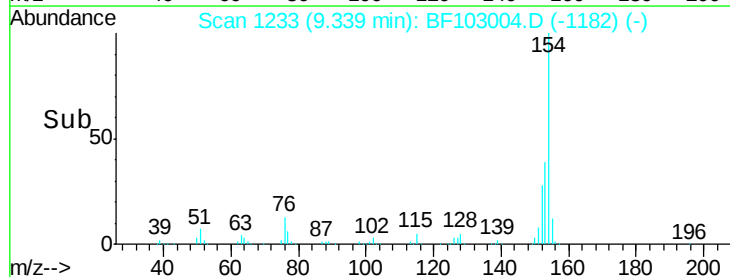
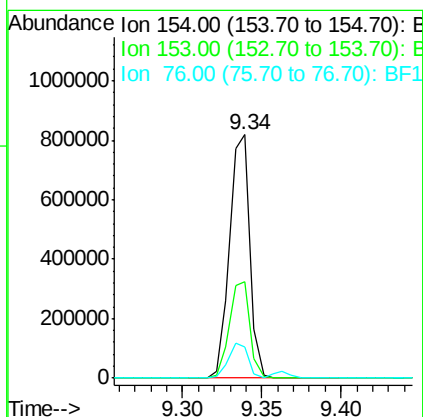
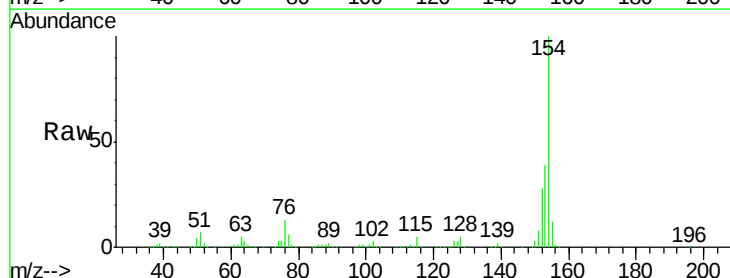
Instrument :
BNA_F
ClientSampleId :

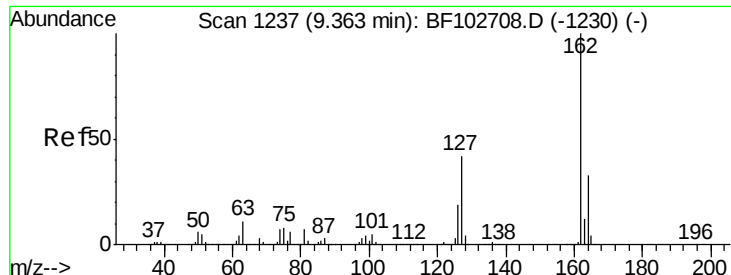
Tot Ion:172 Resp: 1095022
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4



#45
1,1'-Biphenyl
Concen: 43.19 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:154 Resp: 724411
Ion Ratio Lower Upper
154 100
153 39.4 21.3 61.3
76 12.6 0.0 34.0

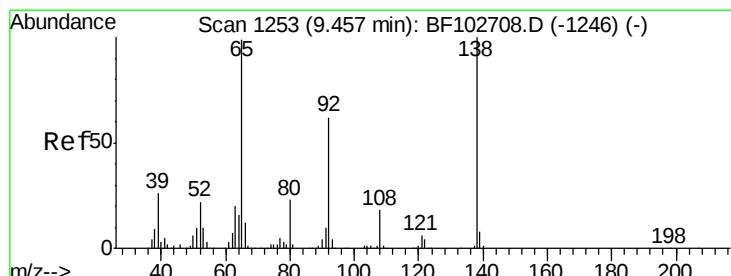
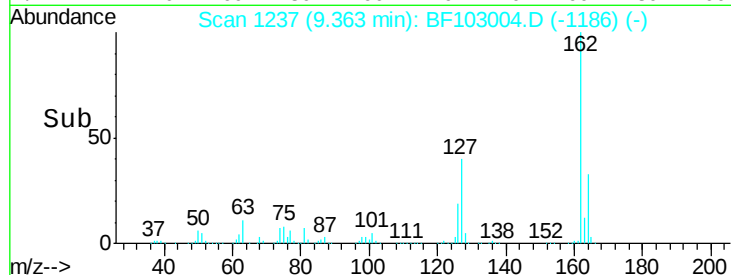
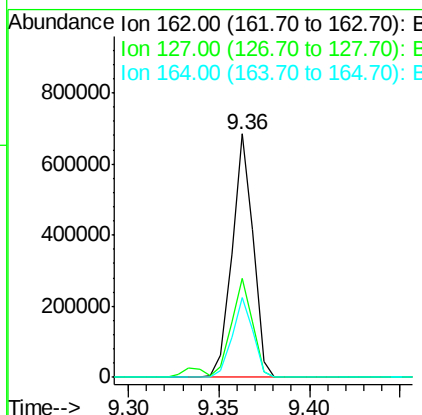
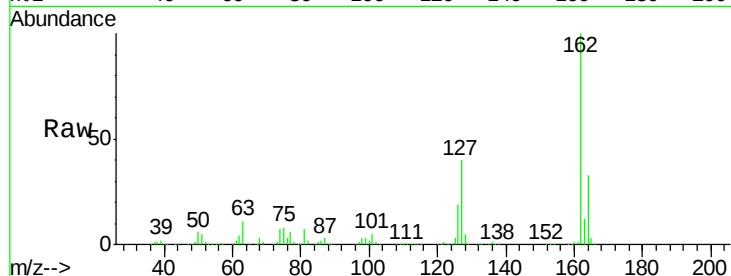




#46
 2-Chloronaphthalene
 Concen: 41.78 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

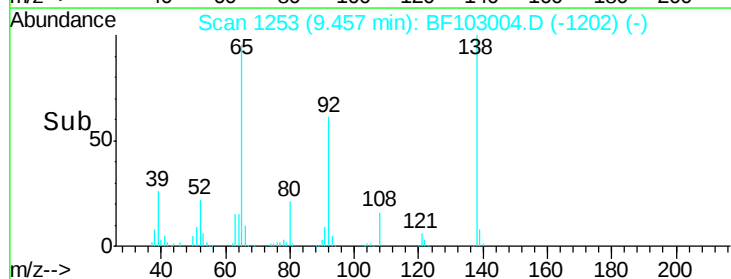
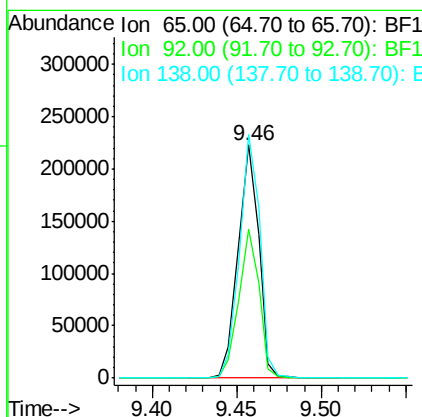
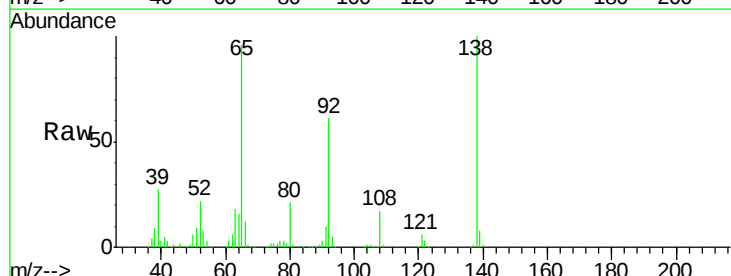
Instrument :
 BNA_F
 ClientSampleId :

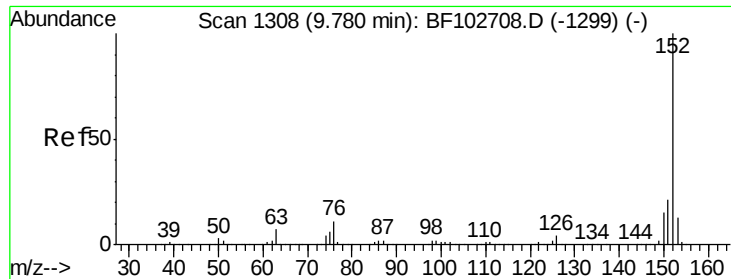
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	32.9	26.5	39.7



#47
 2-Nitroaniline
 Concen: 46.53 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	55.8	83.6
138	104.6	91.2	136.8





#48

Acenaphthylene

Concen: 38.57 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

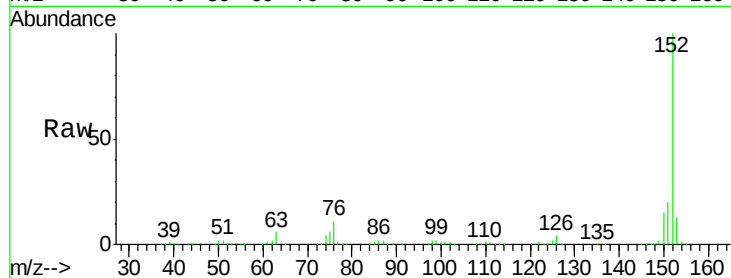
Tot Ion:152 Resp: 791001

Ion Ratio Lower Upper

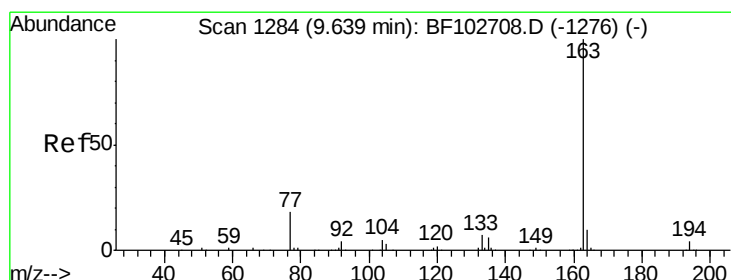
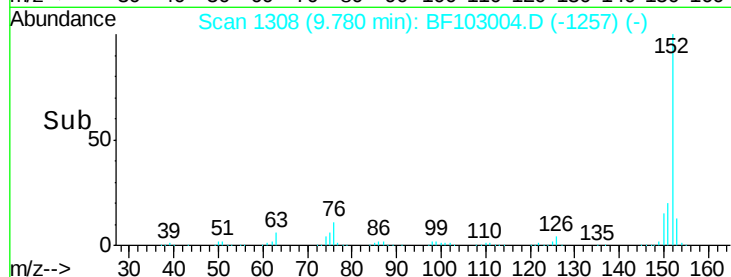
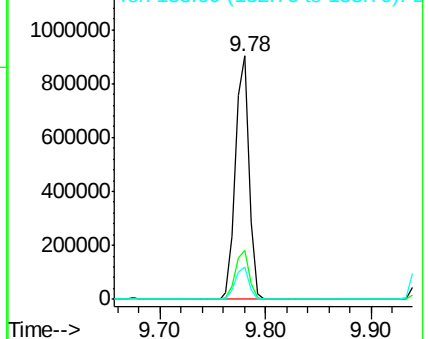
152 100

151 20.2 16.3 24.5

153 13.1 10.7 16.1



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



#49

Dimethylphthalate

Concen: 41.68 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

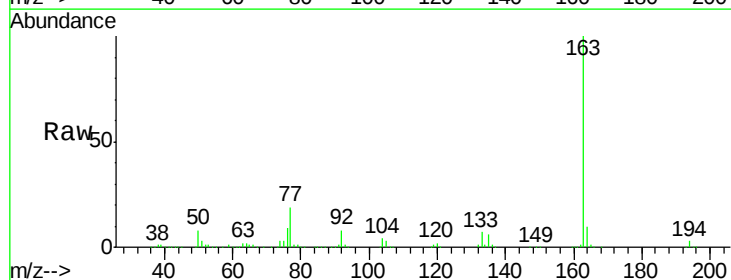
Tgt Ion:163 Resp: 647199

Ion Ratio Lower Upper

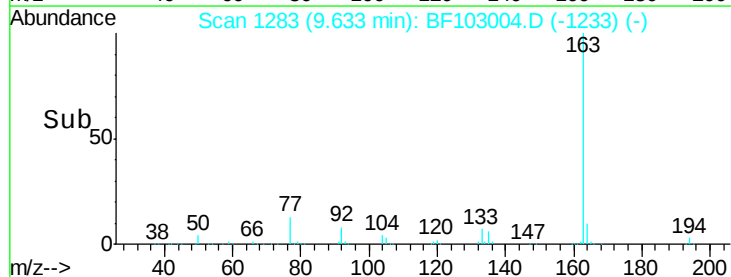
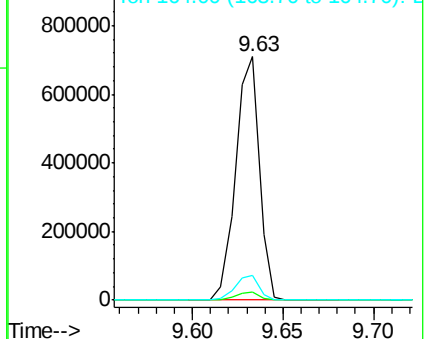
163 100

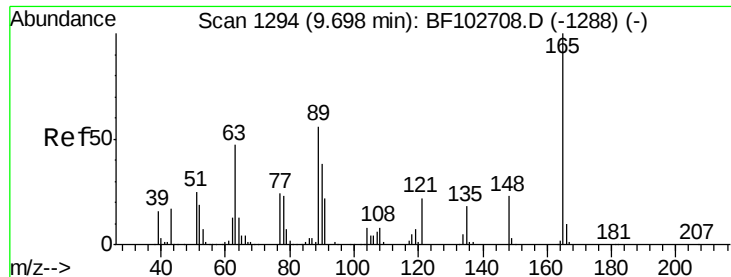
194 3.5 2.7 4.1

164 9.9 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

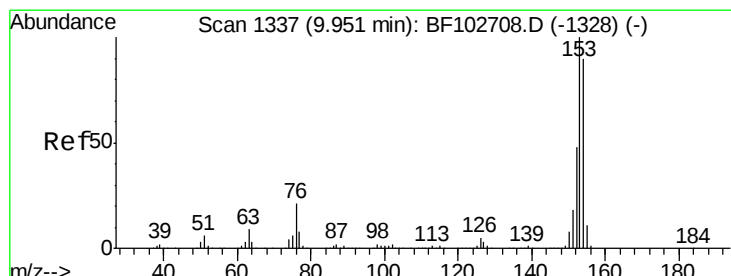
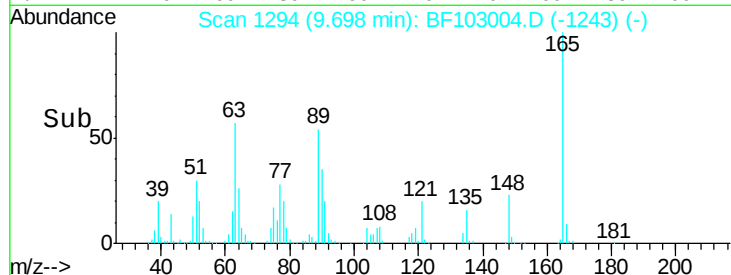
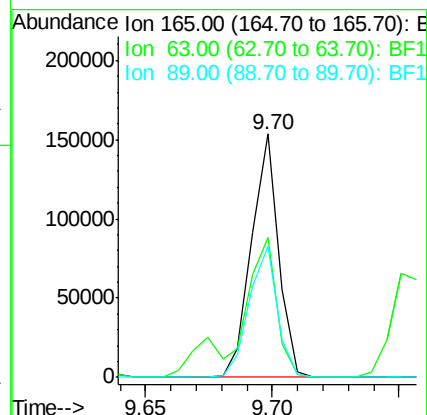
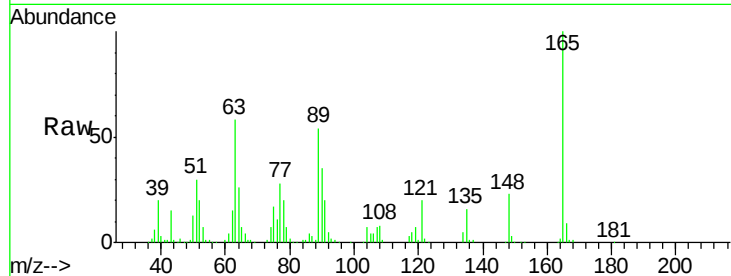




#50
 2,6-Dinitrotoluene
 Concen: 38.69 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

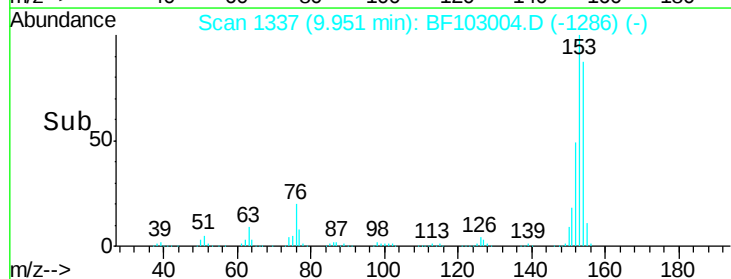
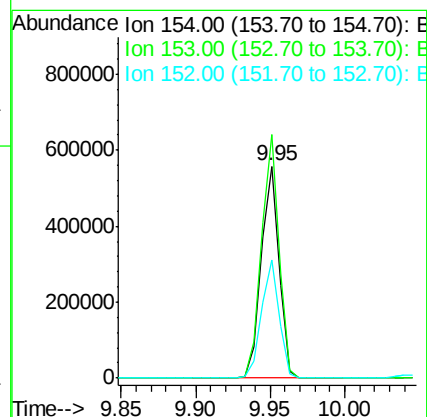
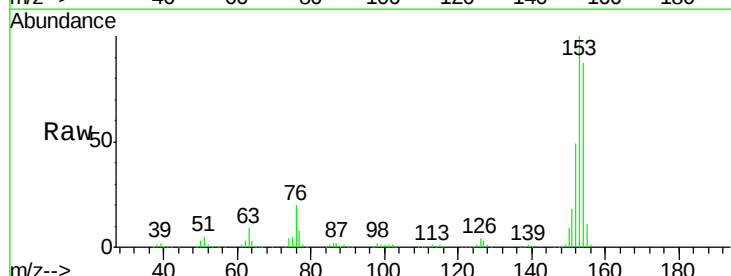
Instrument :
 BNA_F
 ClientSampled :

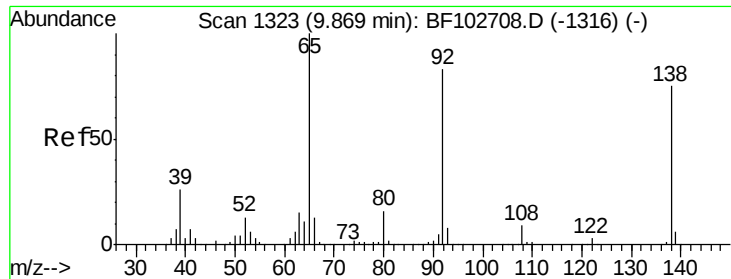
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	44.7	67.1
89	53.6	44.0	66.0



#51
 Acenaphthene
 Concen: 36.94 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	55.9	43.8	65.8

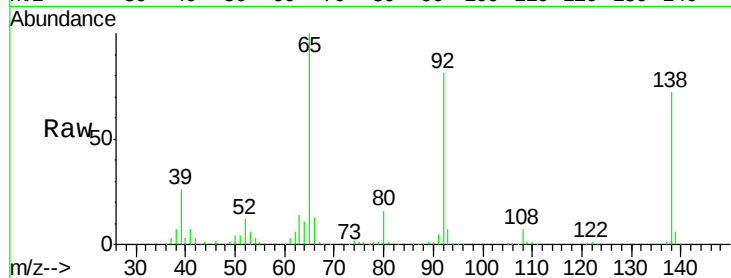




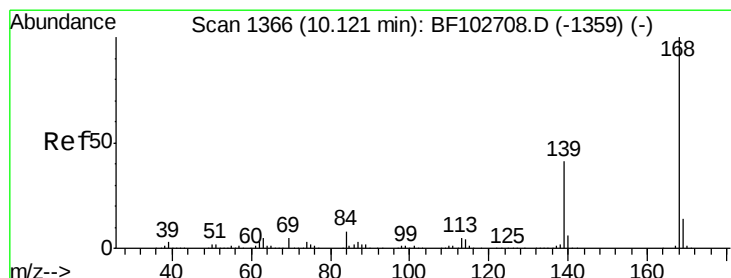
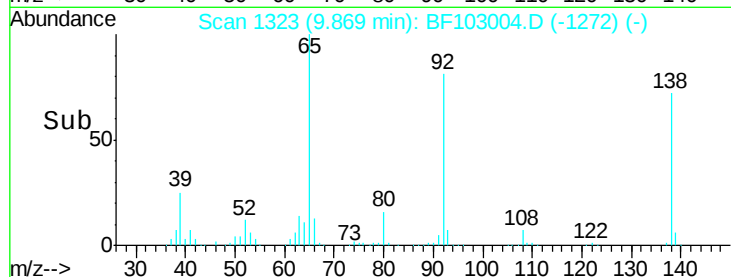
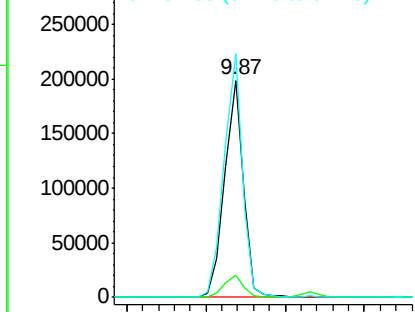
#52
3-Nitroaniline
Concen: 44.70 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 162455
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.0
92 112.3 89.4 134.2

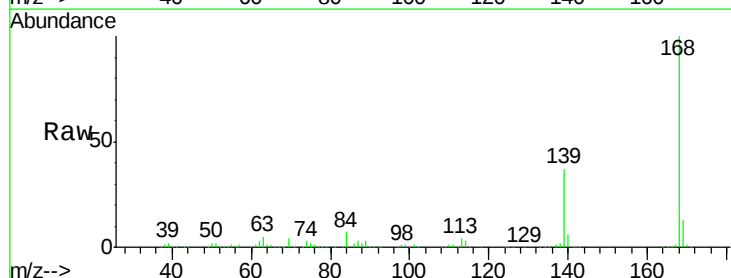


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

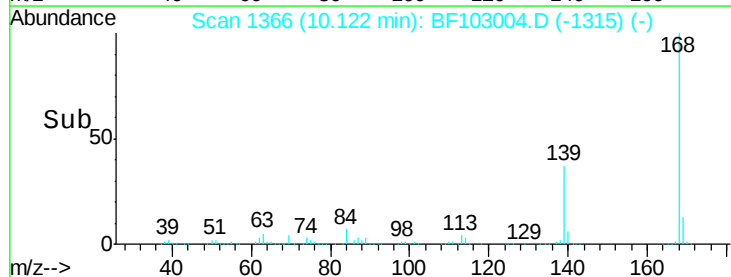
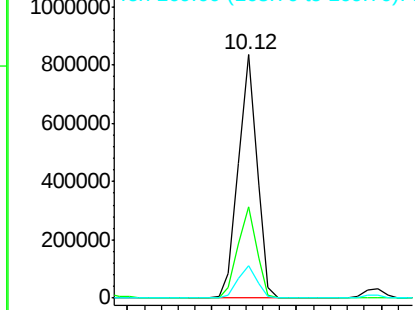


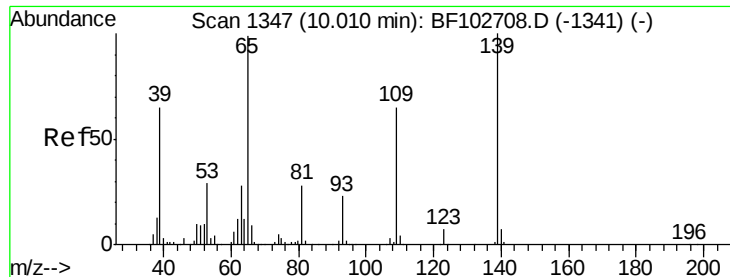
#54
Dibenzofuran
Concen: 37.17 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:168 Resp: 642397
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.5 10.9 16.3



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

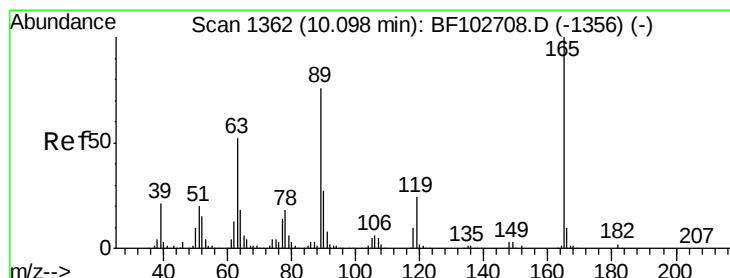
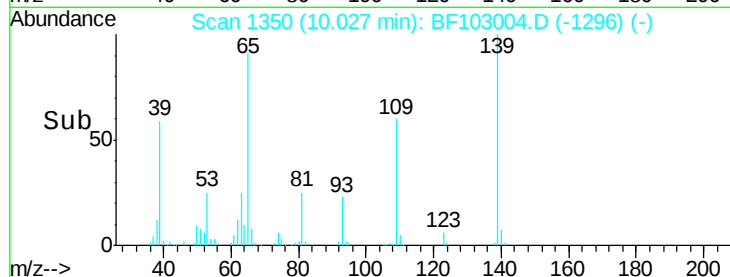
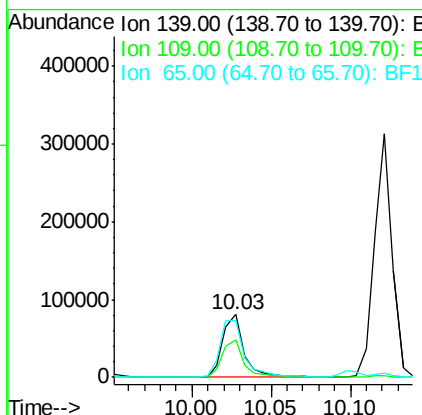
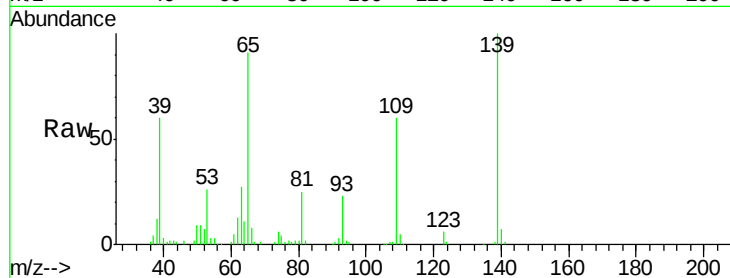




#55
4-Nitrophenol
Concen: 28.66 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

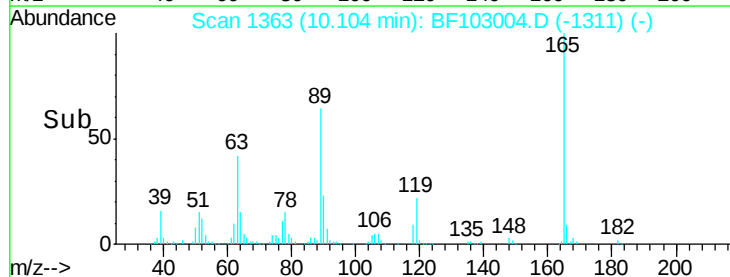
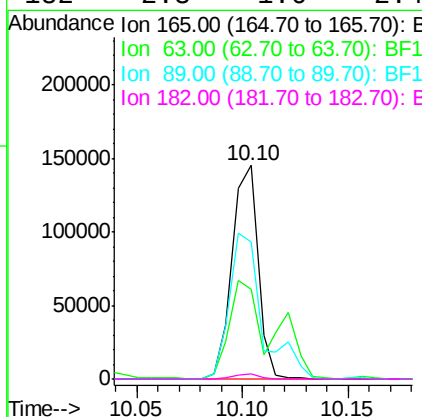
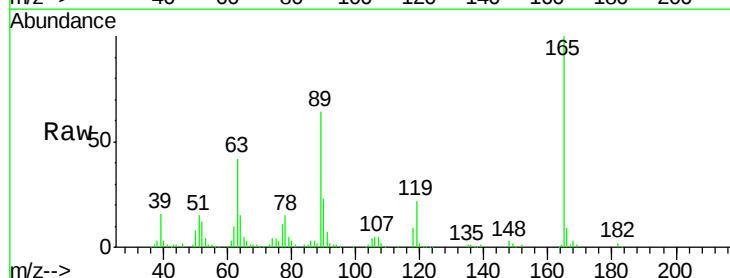
Instrument :
BNA_F
ClientSampleId :

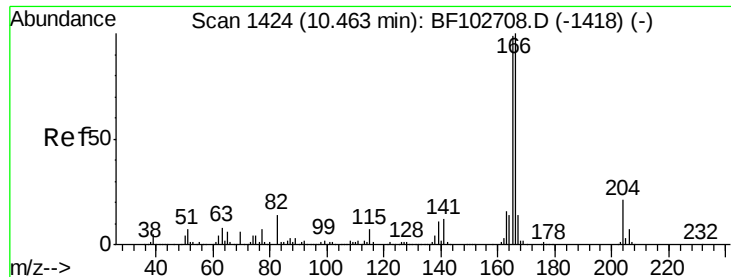
Tot Ion:139 Resp: 77474
Ion Ratio Lower Upper
139 100
109 60.3 48.4 88.4
65 91.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 32.29 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:165 Resp: 123675
Ion Ratio Lower Upper
165 100
63 42.2 36.4 54.6
89 63.8 57.8 86.6
182 2.3 1.6 2.4

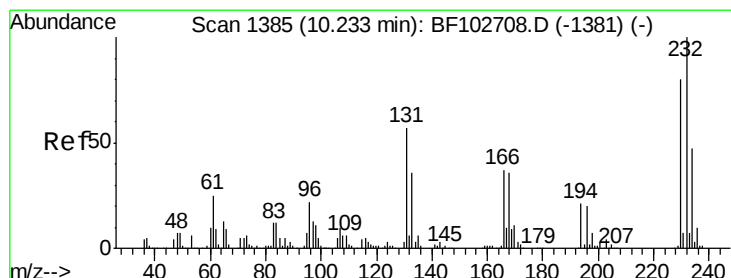
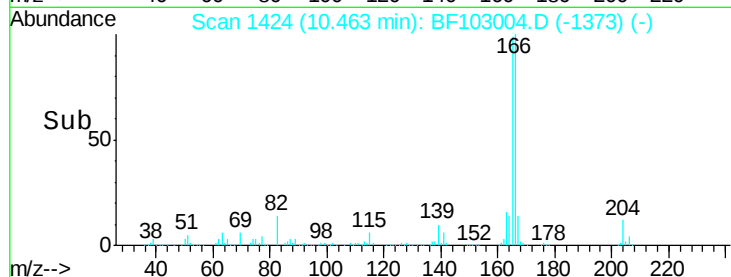
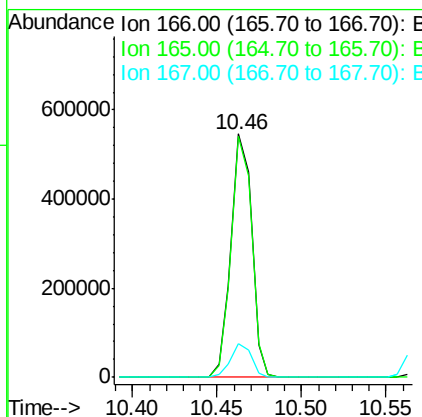
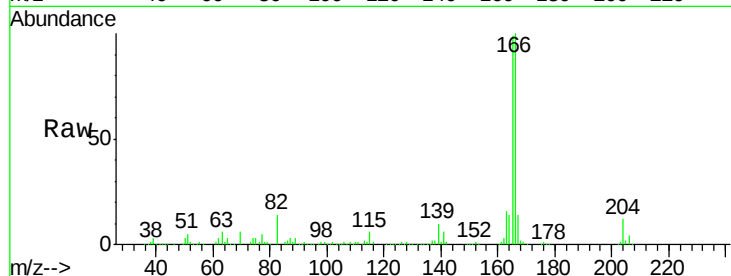




#57
Fluorene
 Concen: 37.18 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

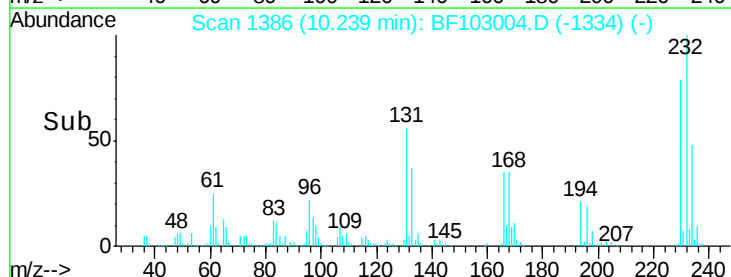
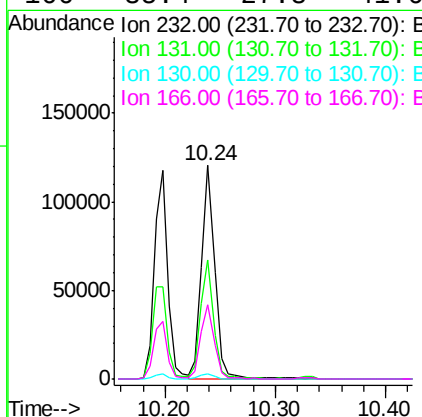
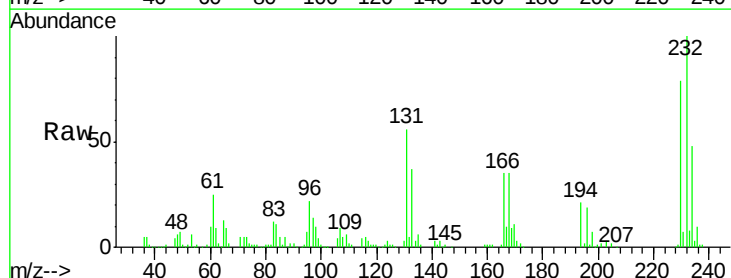
Instrument :
 BNA_F
 ClientSampleId :

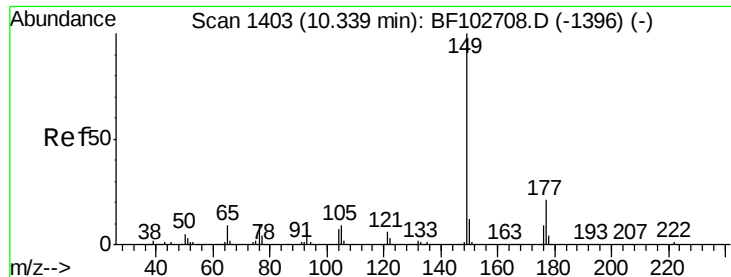
Tot Ion:166 Resp: 467534
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.8 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.21 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion:232 Resp: 97947
 Ion Ratio Lower Upper
 232 100
 131 54.9 43.8 65.8
 130 2.5 2.1 3.1
 166 35.4 27.8 41.6

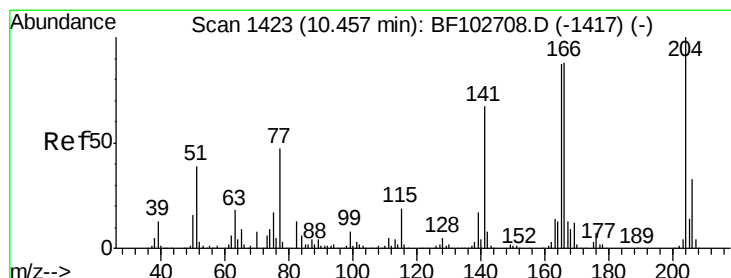
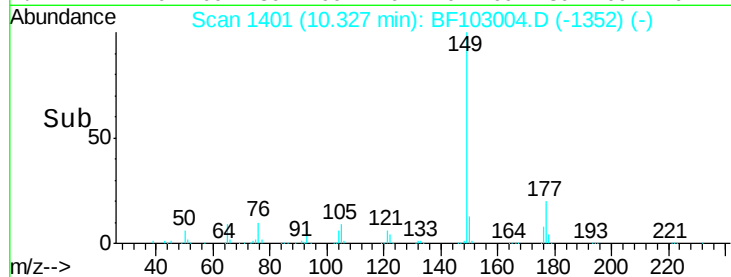
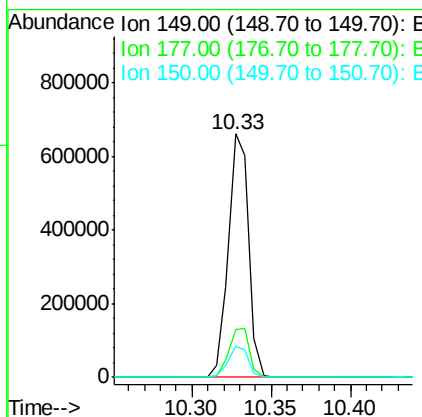
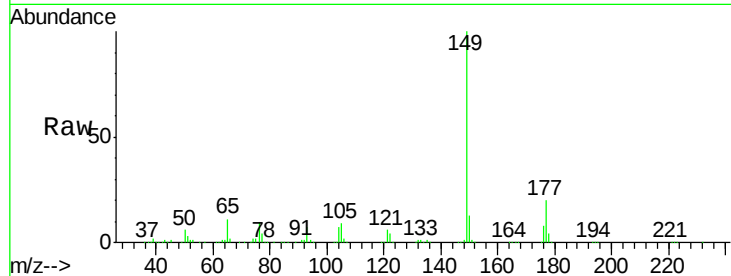




#59
Diethylphthalate
Concen: 38.10 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

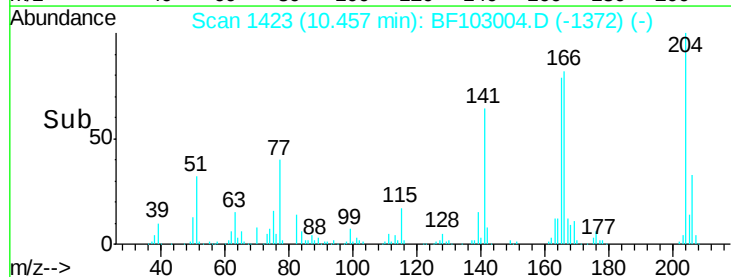
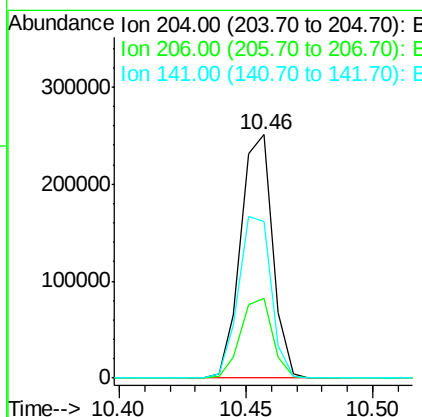
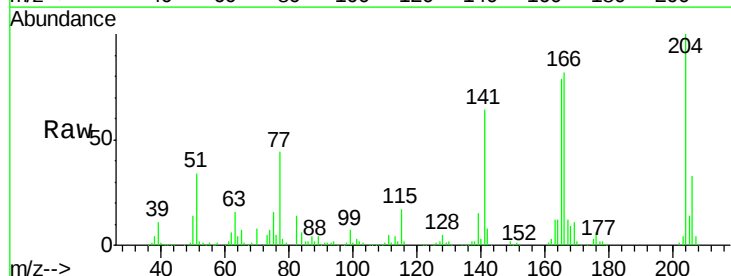
Instrument :
BNA_F
ClientSampleId :

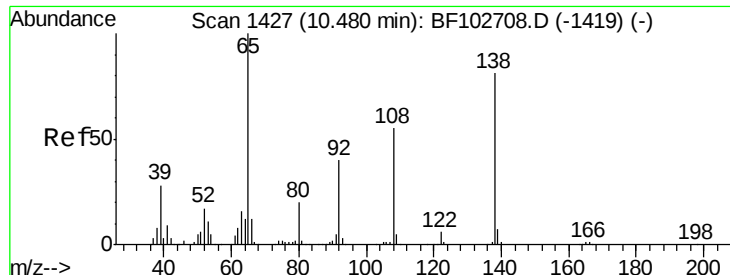
Tot Ion:149 Resp: 584080
Ion Ratio Lower Upper
149 100
177 19.8 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.52 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:204 Resp: 219876
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.3 54.6 81.8

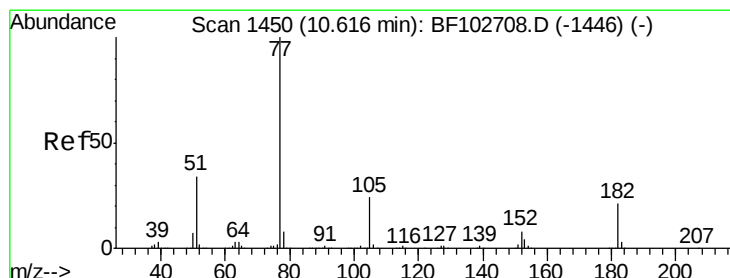
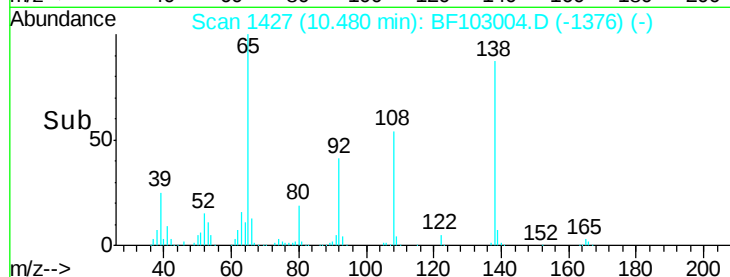
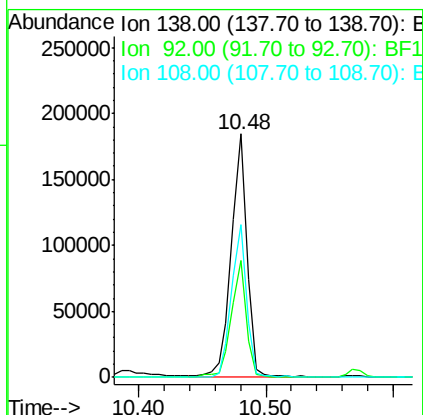
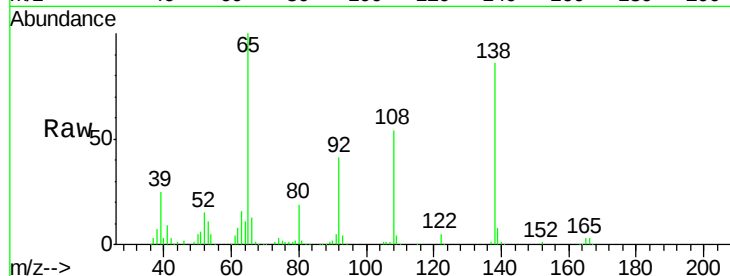




#61
4-Nitroaniline
Concen: 45.88 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

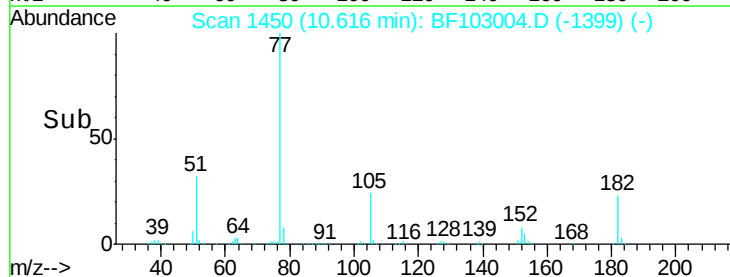
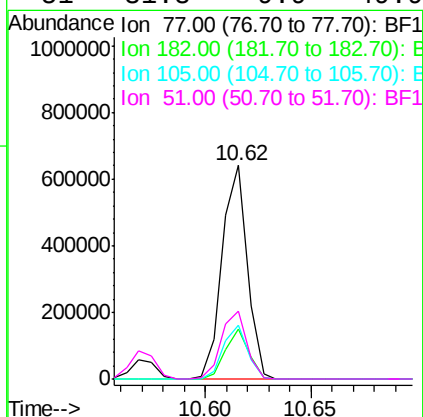
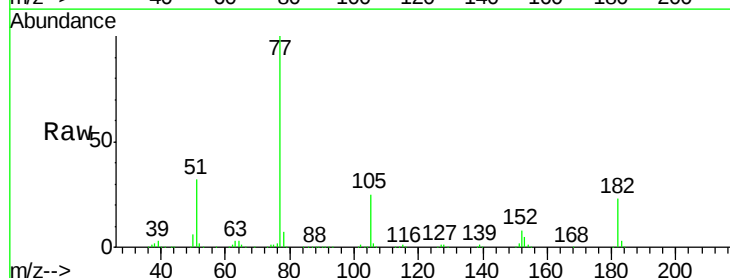
Instrument :
BNA_F
ClientSampleId :

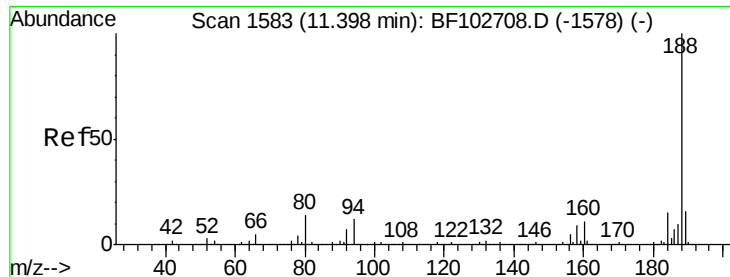
Tot Ion:138 Resp: 158720
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 62.6 52.5 92.5



#62
Azobenzene
Concen: 34.52 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion: 77 Resp: 528761
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 24.9 3.0 43.0
51 31.8 9.9 49.9

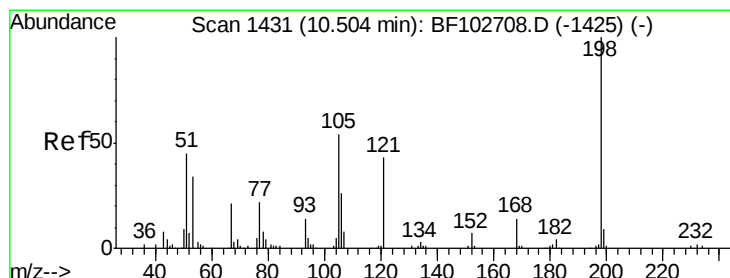
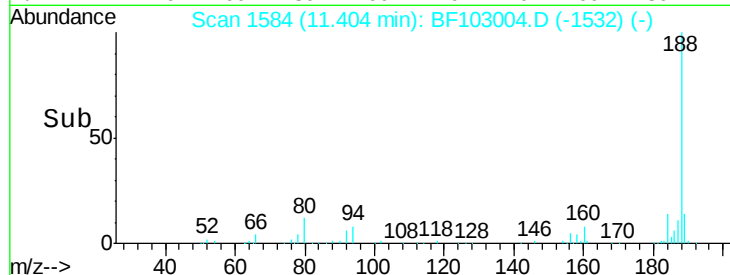
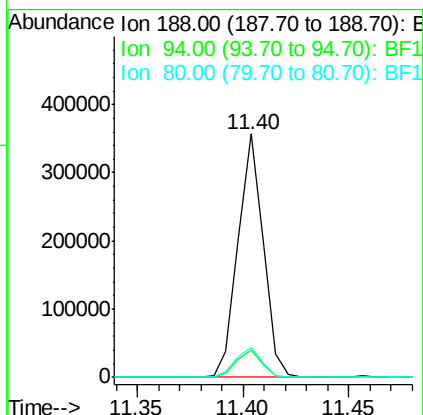
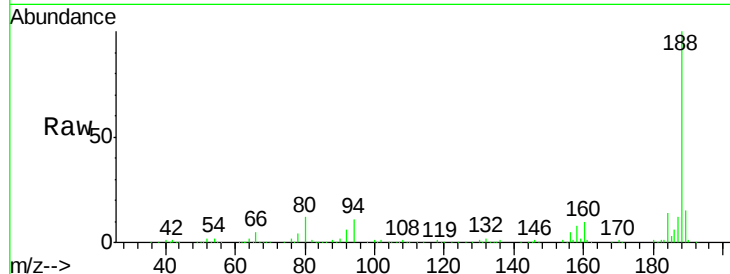




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

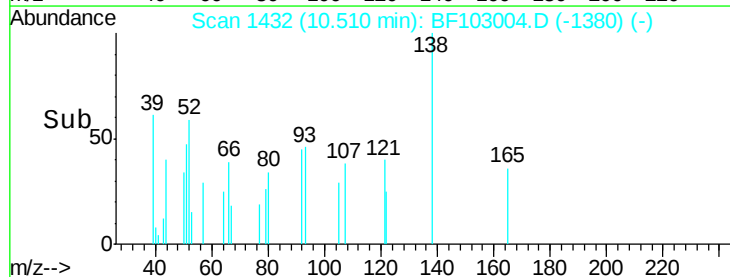
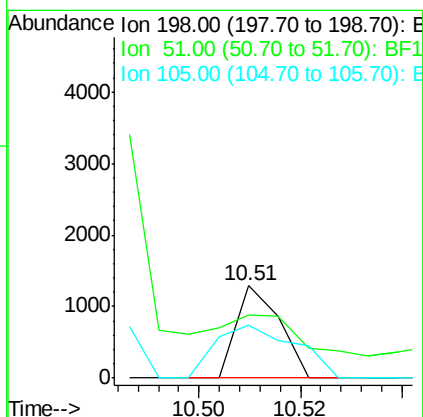
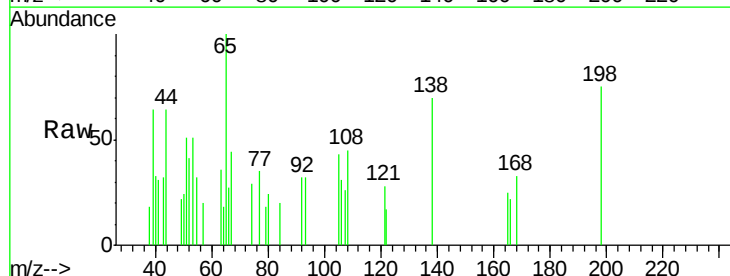
Instrument :
BNA_F
ClientSampleId :

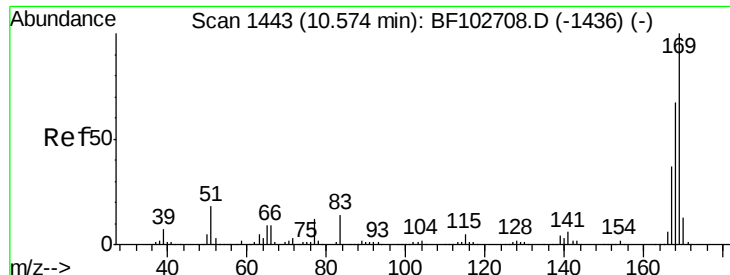
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.3	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.36 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.7	37.7	77.7
105	57.8	36.3	76.3

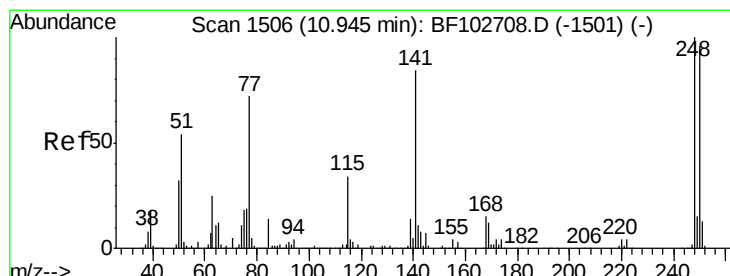
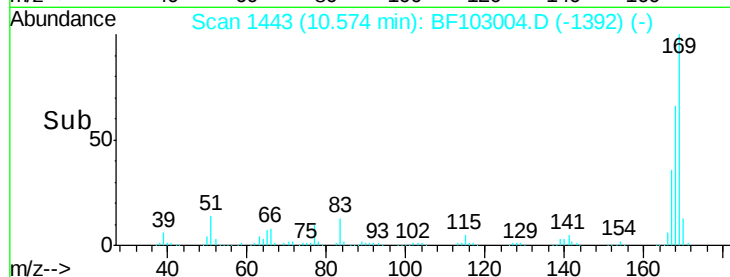
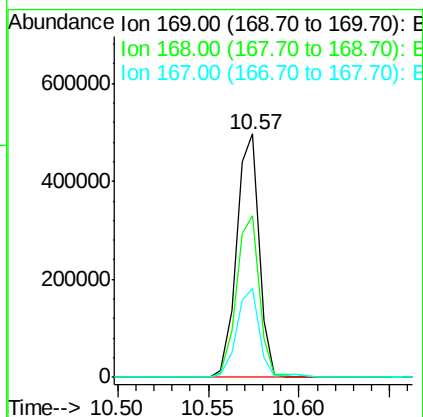
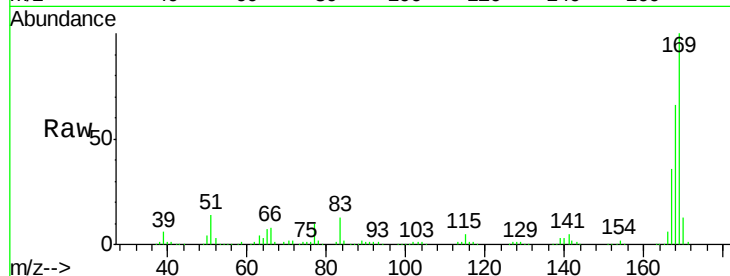




#65
 n-Nitrosodiphenylamine
 Concen: 41.47 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

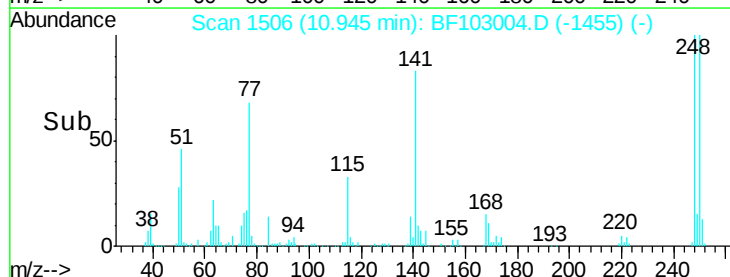
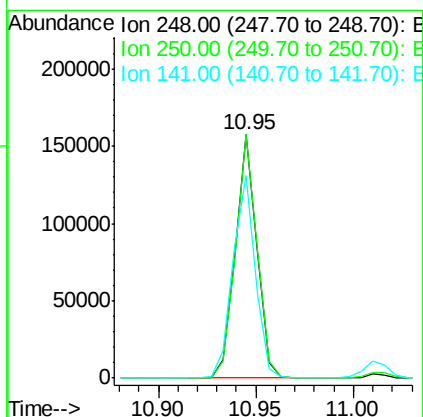
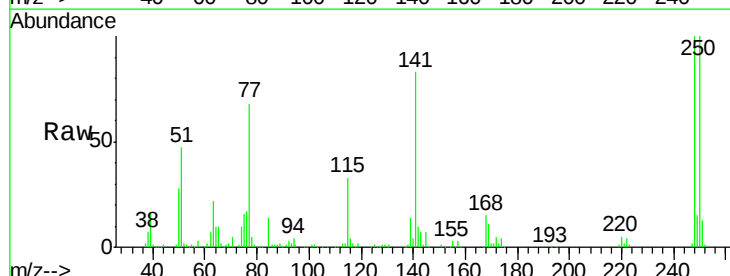
Instrument :
 BNA_F
 ClientSampleId :

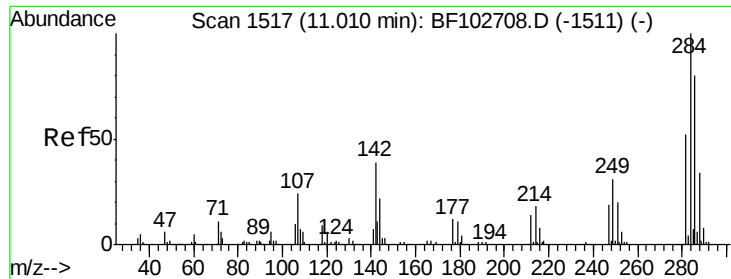
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.4	81.6
167	36.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.72 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.9	115.3
141	83.1	74.4	111.6

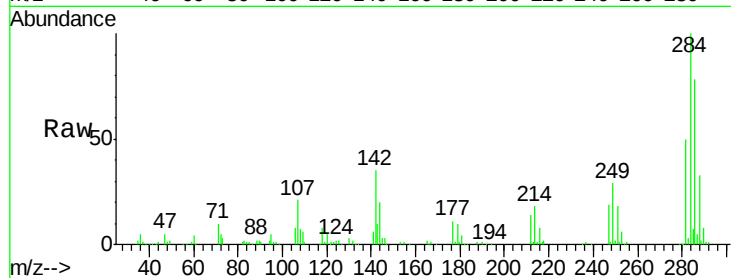




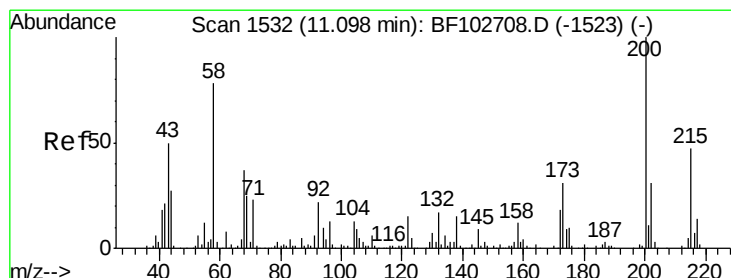
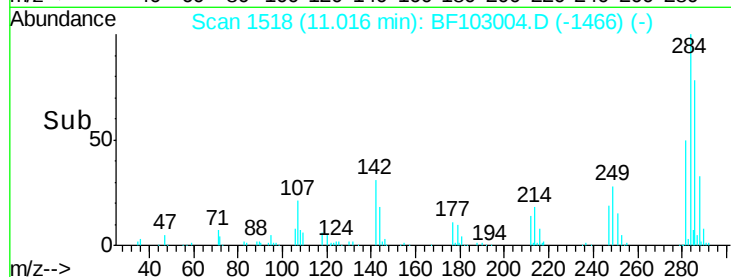
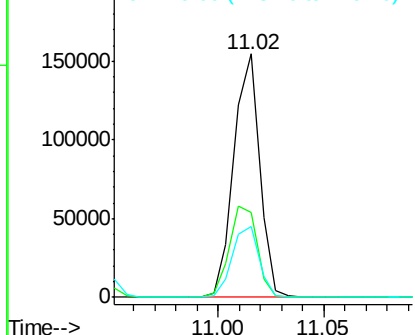
#67
Hexachlorobenzene
Concen: 38.04 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 130450
Ion Ratio Lower Upper
284 100
142 35.1 34.6 52.0
249 29.3 24.8 37.2

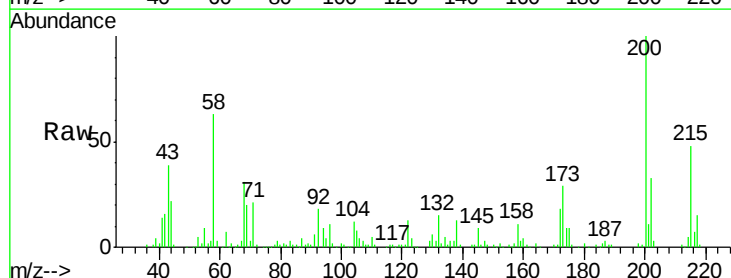


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

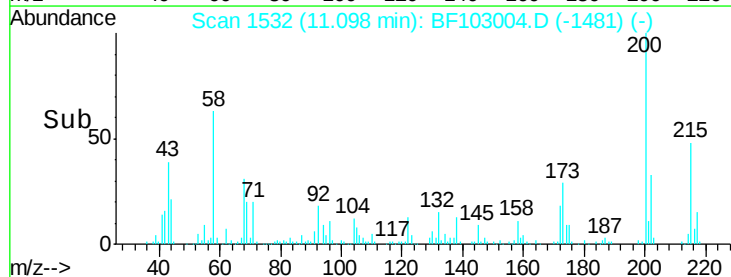
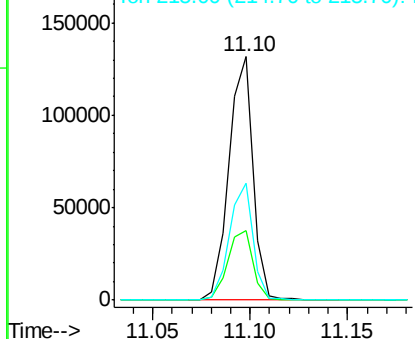


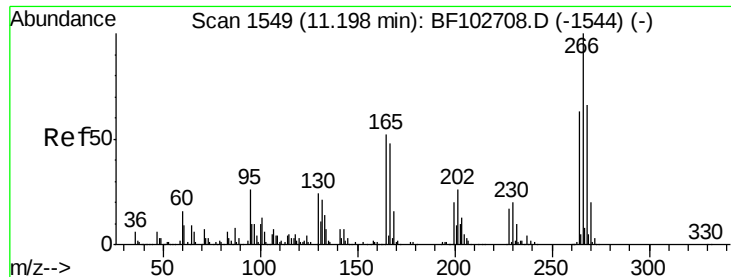
#68
Atrazine
Concen: 36.95 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:200 Resp: 112999
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 48.2 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

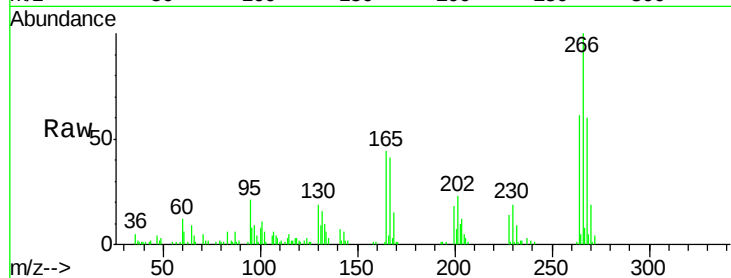




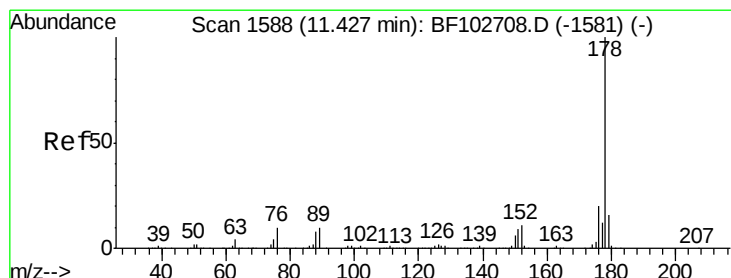
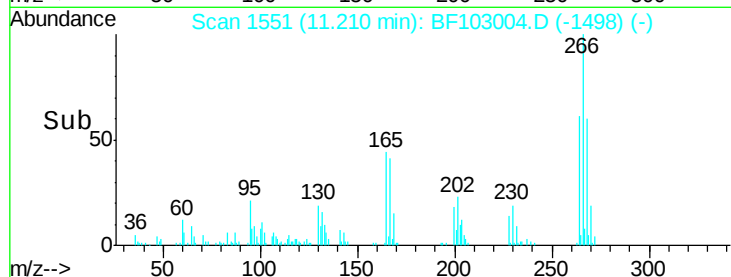
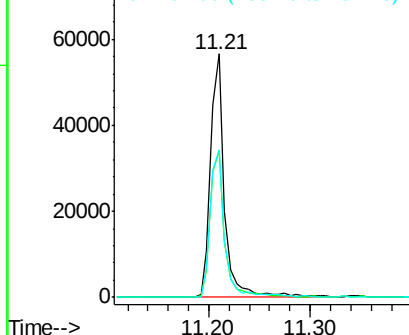
#69
 Pentachlorophenol
 Concen: 27.18 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 54705
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.1 76.7
 264 60.5 49.5 74.3

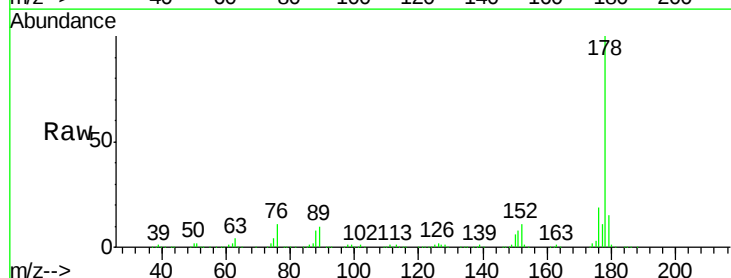


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

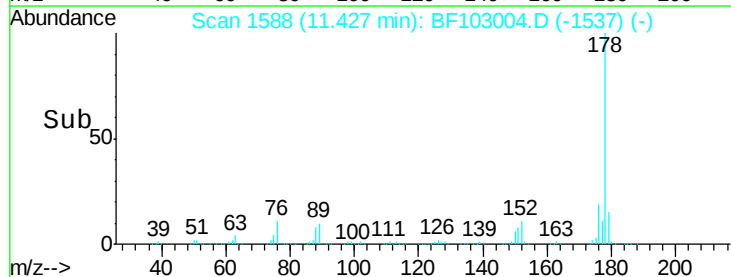
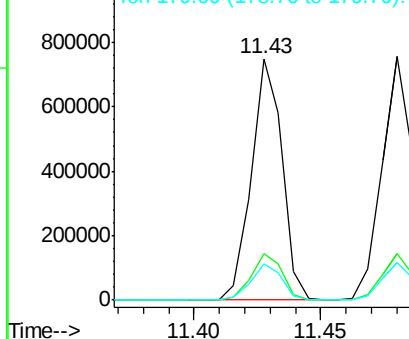


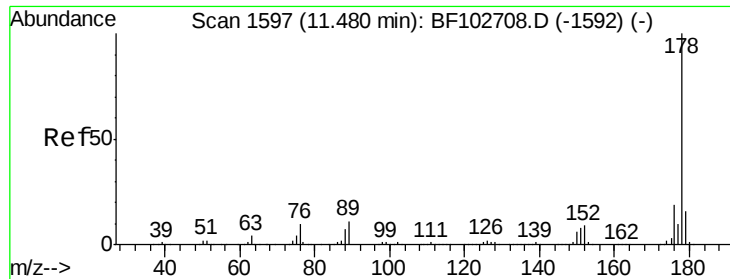
#70
 Phenanthrene
 Concen: 38.49 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion:178 Resp: 629882
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.3 13.0 19.6



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

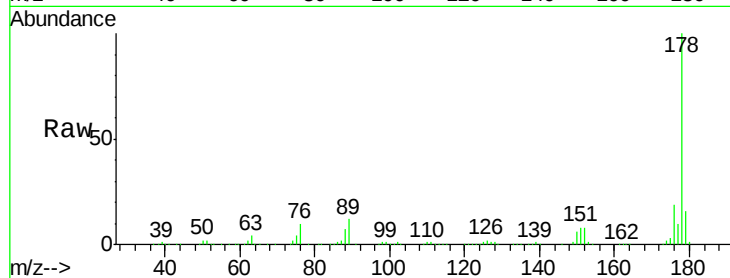




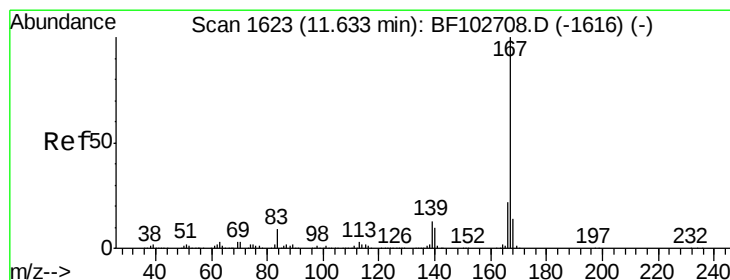
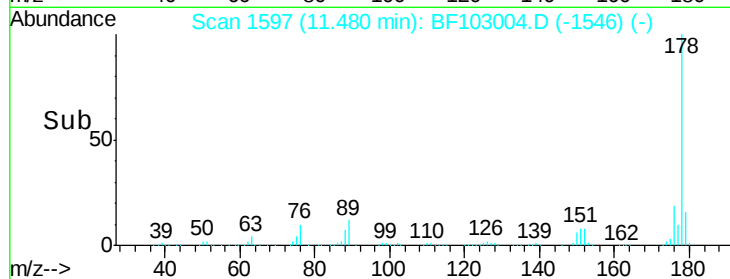
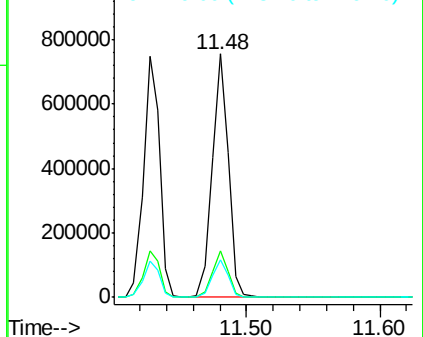
#71
 Anthracene
 Concen: 38.74 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 644915
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0

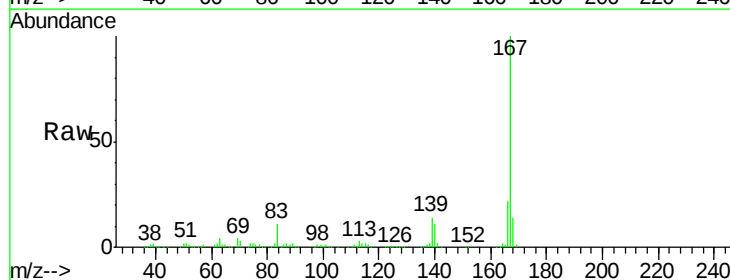


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

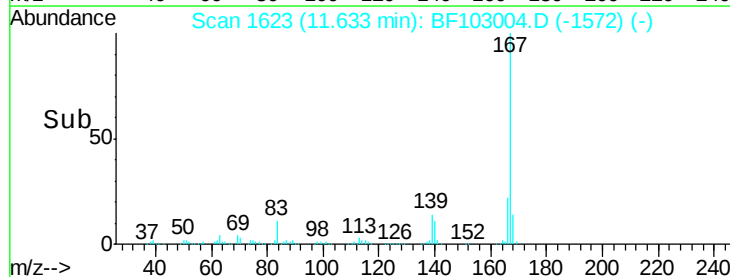
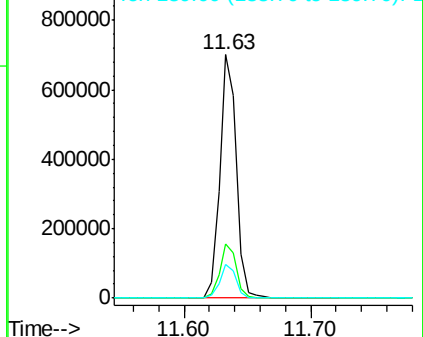


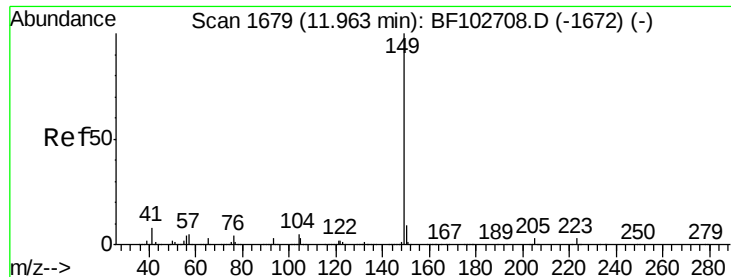
#72
 Carbazole
 Concen: 39.12 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion:167 Resp: 637995
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.7 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: 40.70 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103004.D

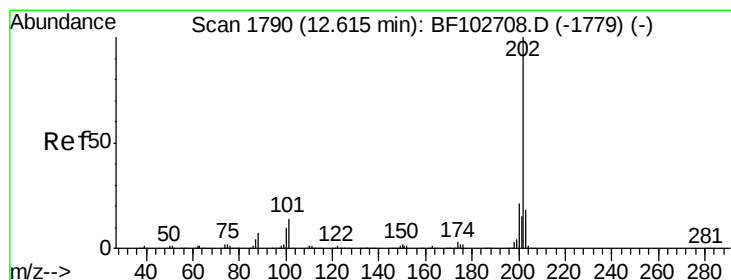
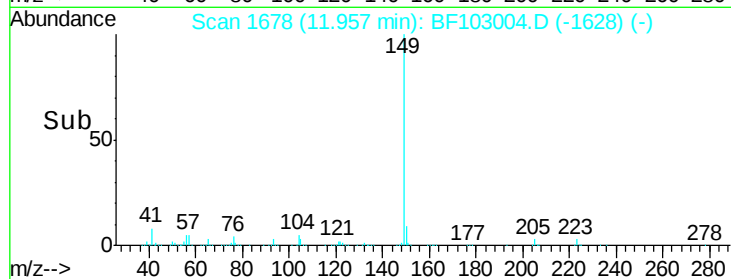
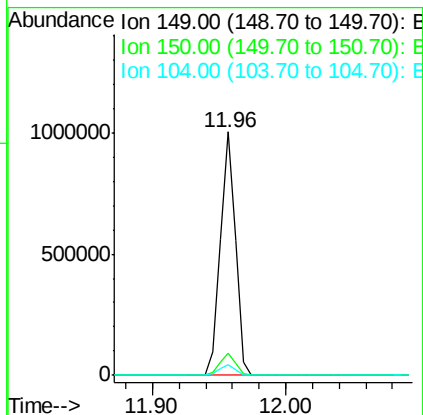
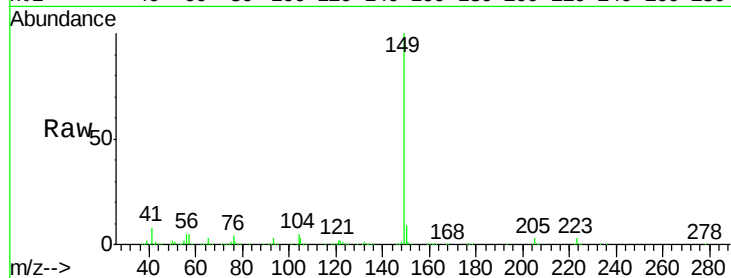
Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	806266
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.8 11.6
104	4.6	3.8 5.8



#74

Fluoranthene

Concen: 41.50 ng

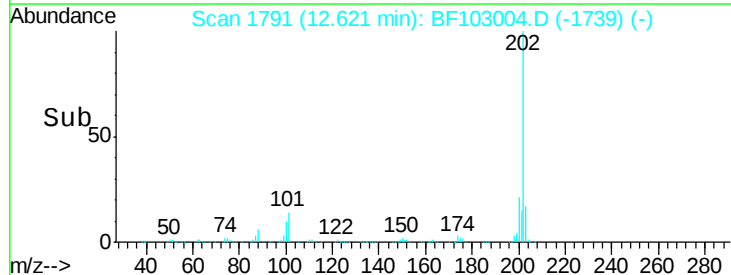
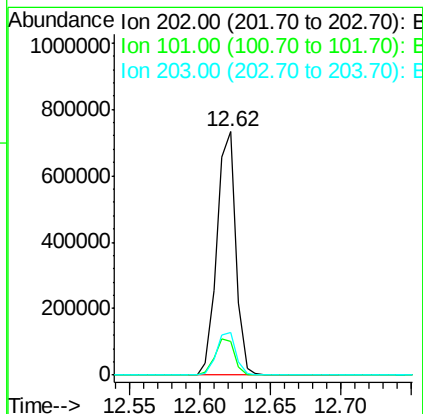
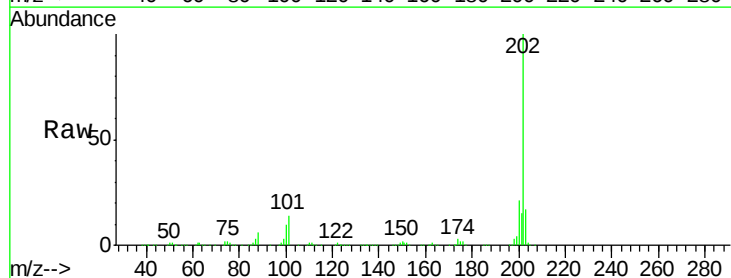
RT: 12.62 min Scan# 1791

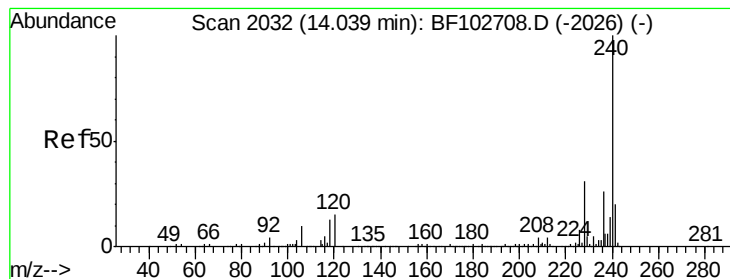
Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Tgt Ion:202	Resp:	683417
Ion Ratio	Lower	Upper
202	100	
101	13.6	0.0 34.1
203	17.3	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

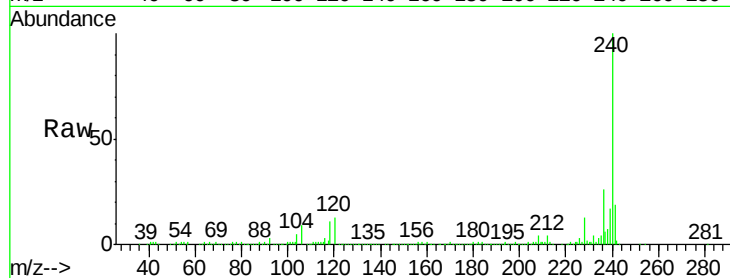
Tot Ion:240 Resp: 272769

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

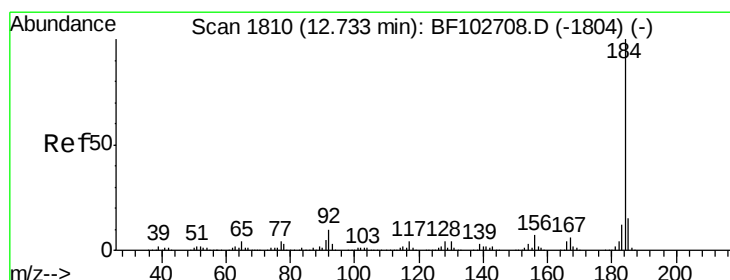
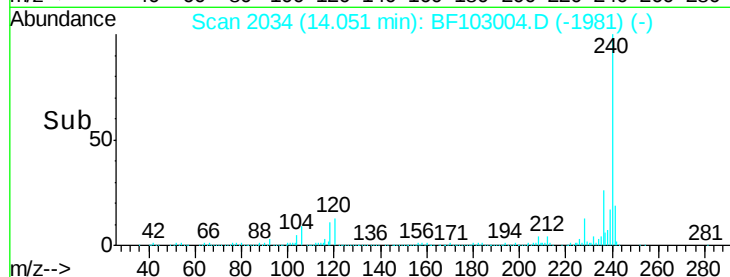
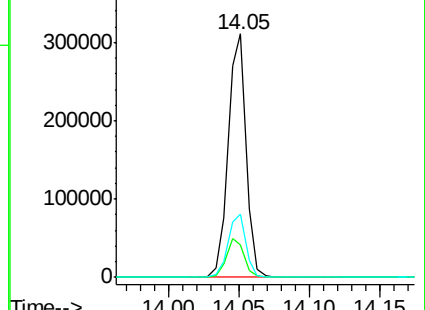
236 26.1 20.7 31.1



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: 28.18 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

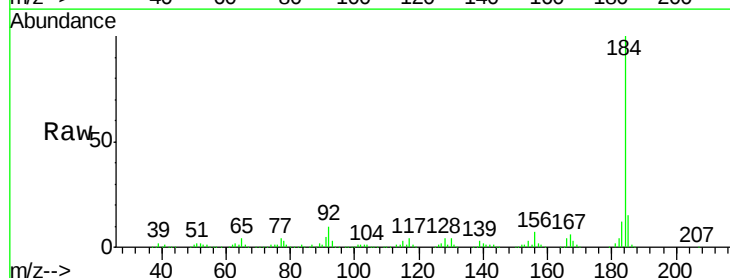
Tgt Ion:184 Resp: 353289

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

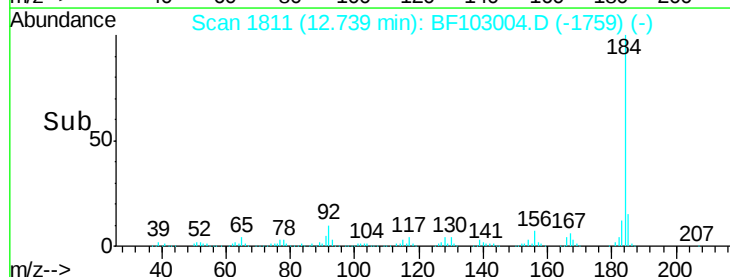
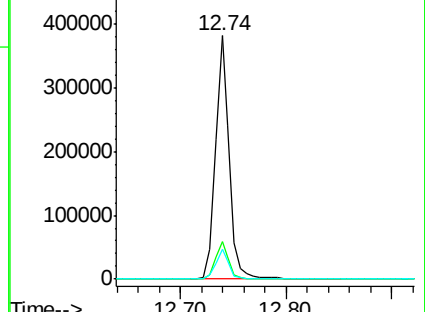
183 12.3 9.3 13.9

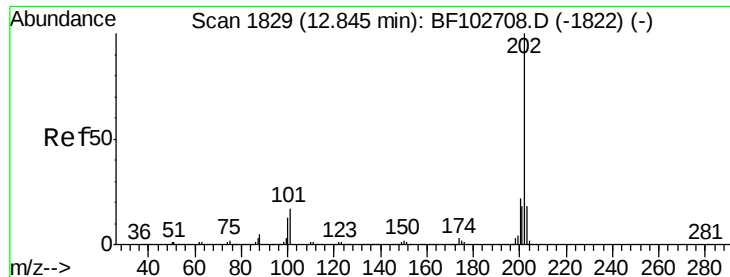


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.75 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampled :

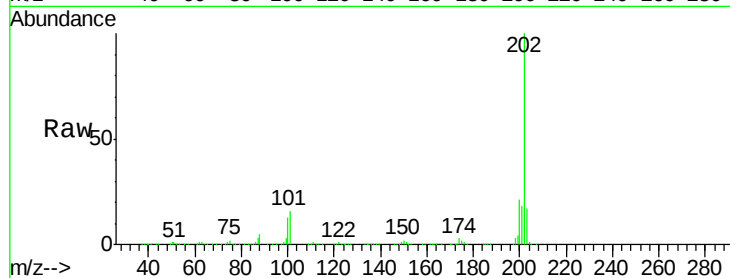
Tot Ion:202 Resp: 721860

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

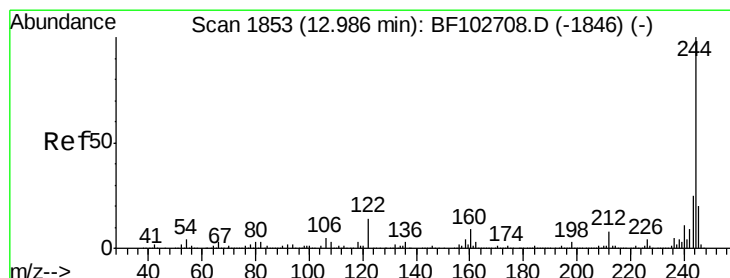
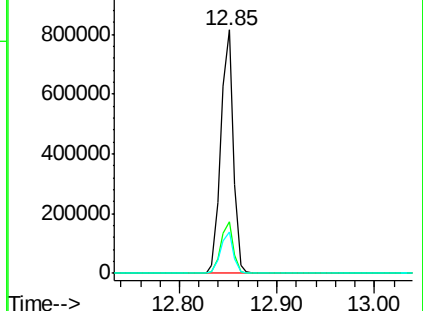
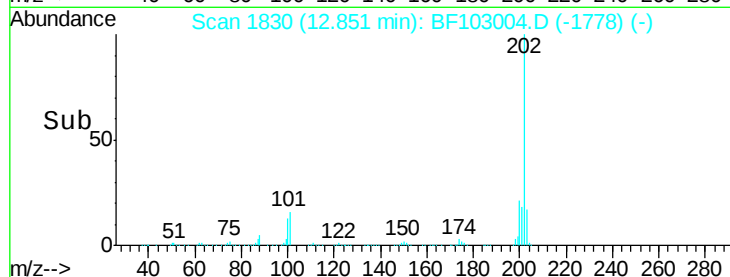
203 17.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.69 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

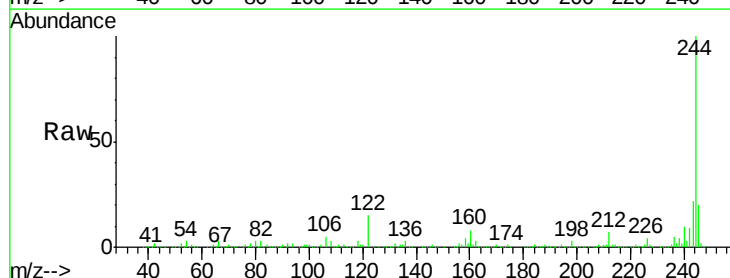
Tgt Ion:244 Resp: 779807

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

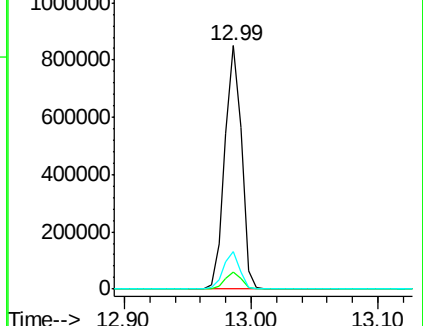
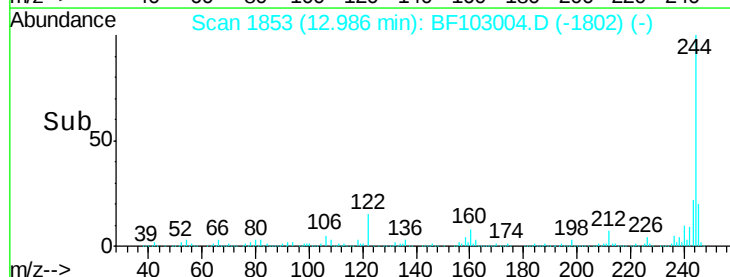
122 15.2 11.0 16.4

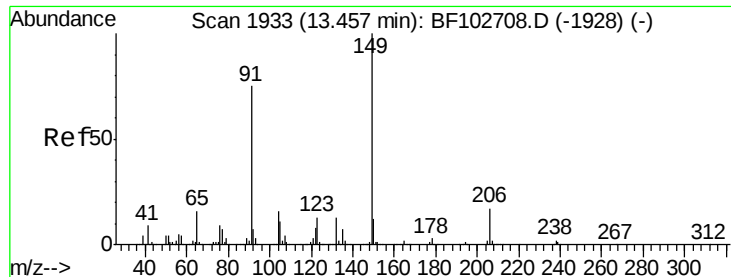


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

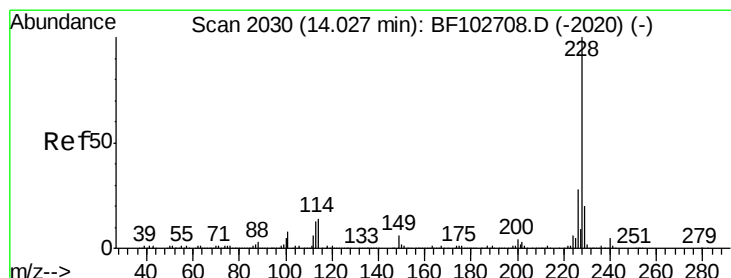
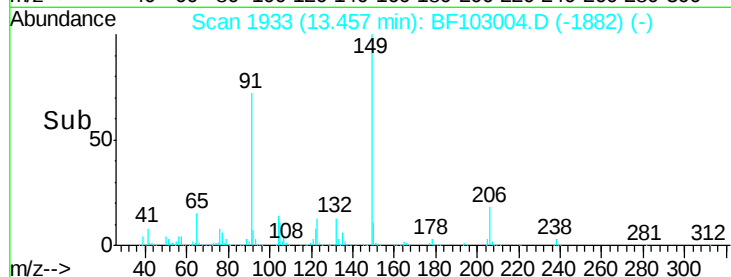
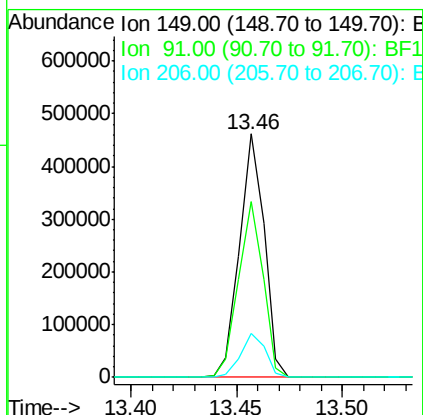
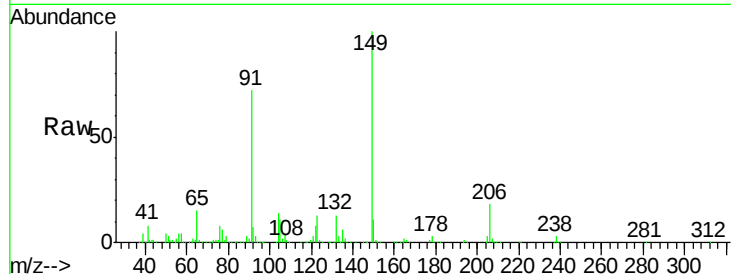




#79
Butylbenzylphthalate
Concen: 36.91 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

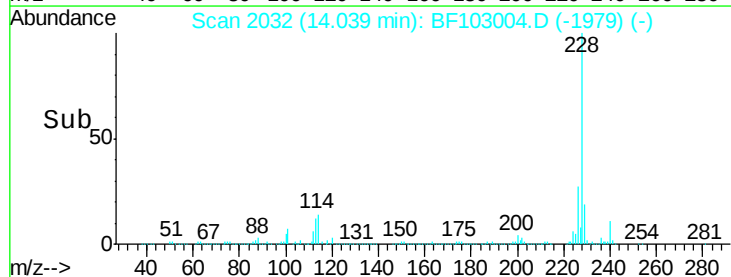
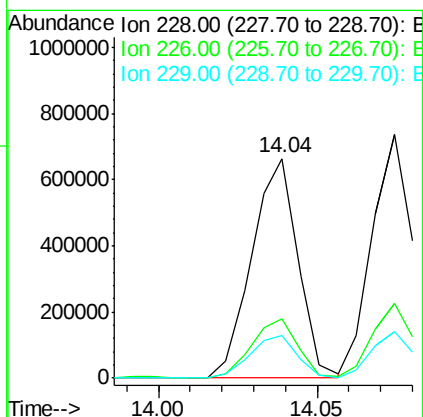
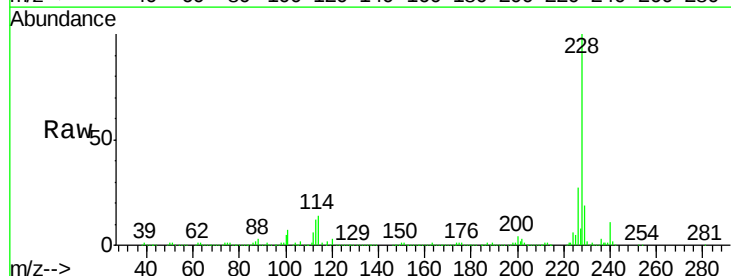
Instrument :
BNA_F
ClientSampleId :

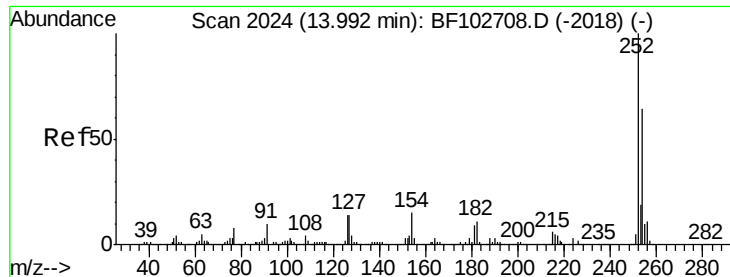
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.0	56.8	85.2
206	17.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.10 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.5	15.8	23.6

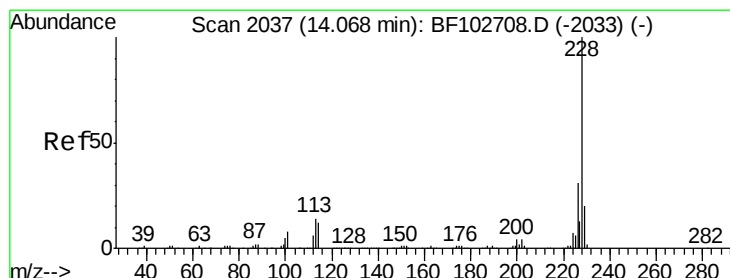
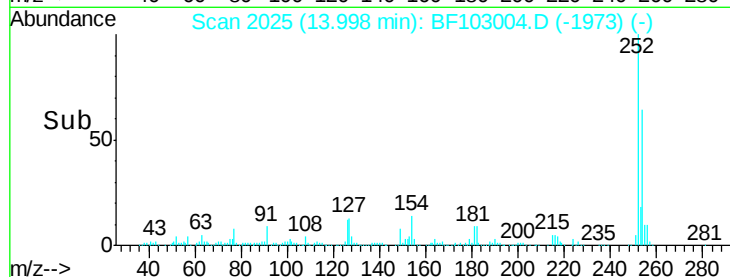
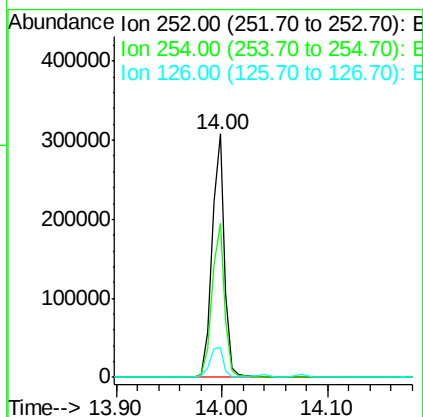
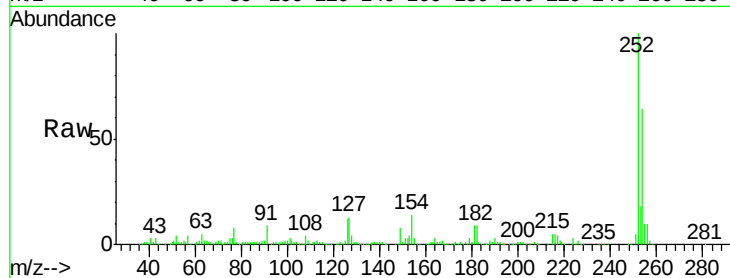




#81
 3,3'-Dichlorobenzidine
 Concen: 40.21 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

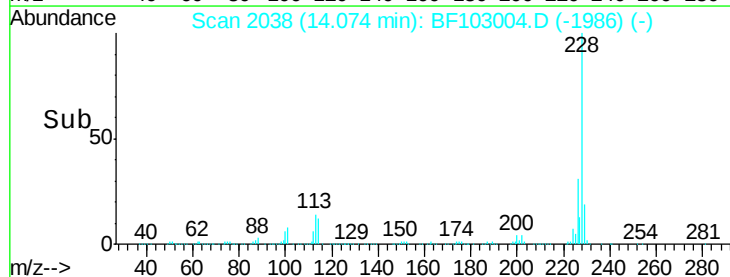
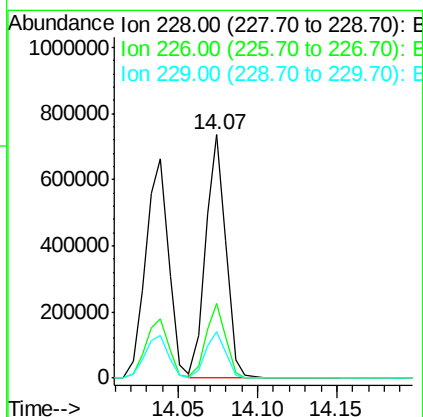
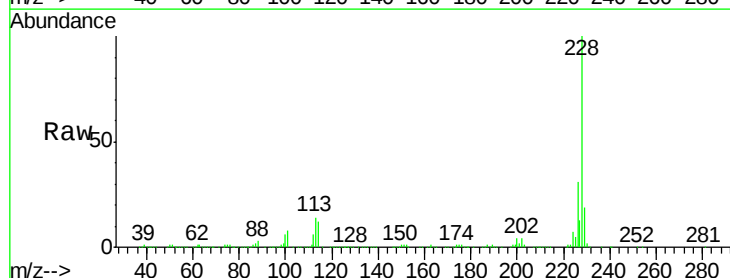
Instrument :
 BNA_F
 ClientSampleId :

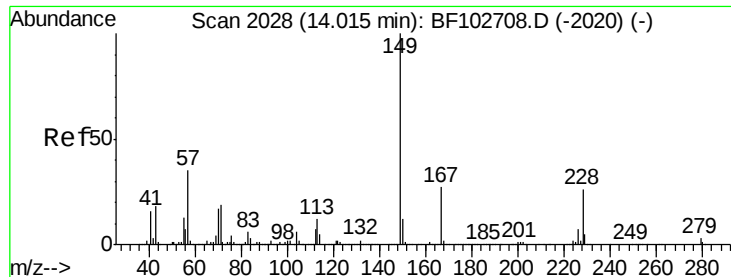
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	12.5	11.3	16.9



#82
 Chrysene
 Concen: 37.87 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.2	16.2	24.4

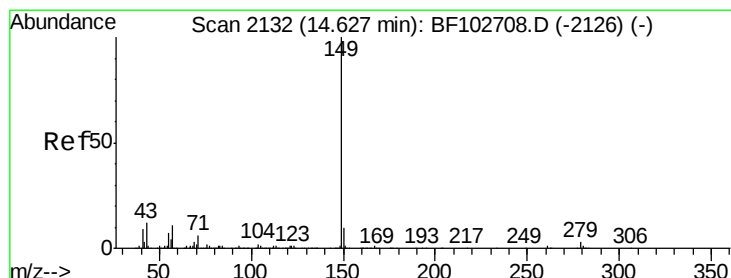
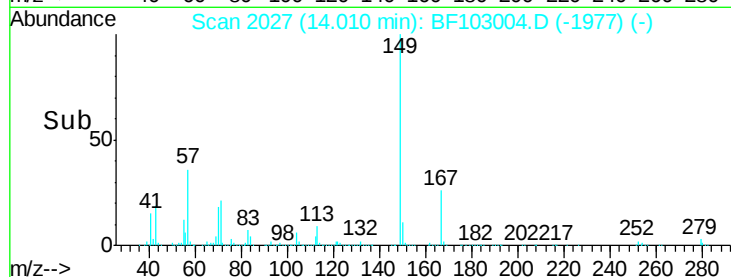
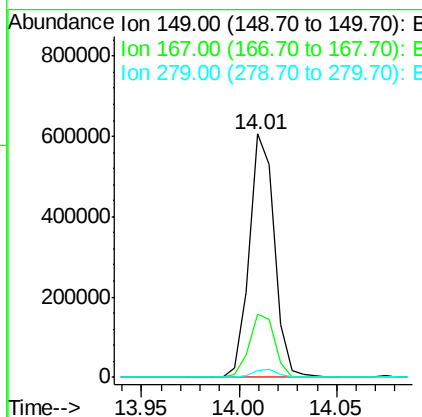
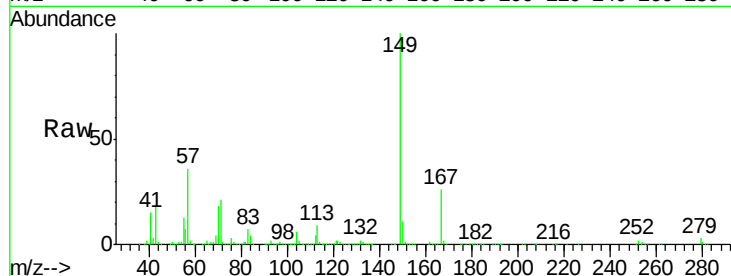




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.37 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

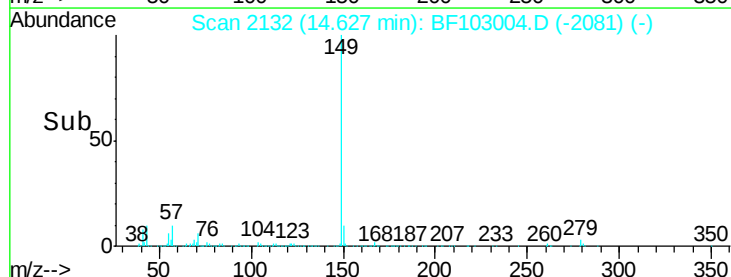
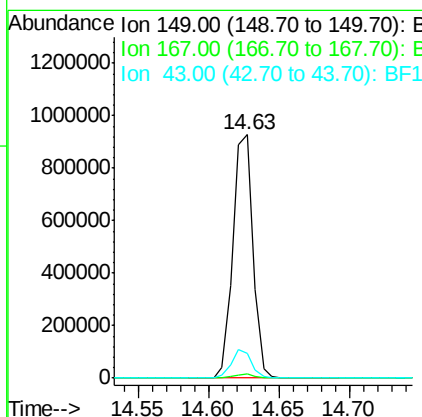
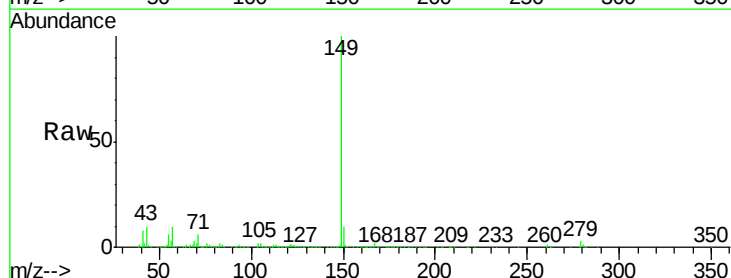
Instrument :
 BNA_F
 ClientSampleId :

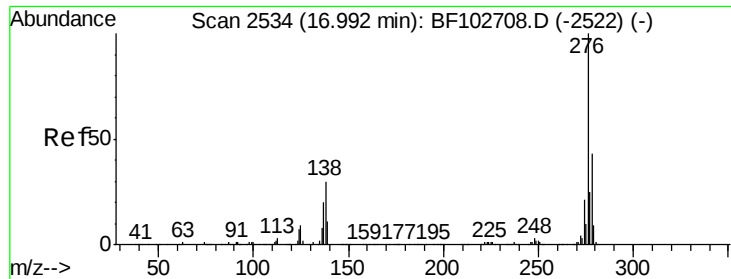
Tot Ion:149 Resp: 542035
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 46.64 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion:149 Resp: 917561
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.3 8.4 12.6

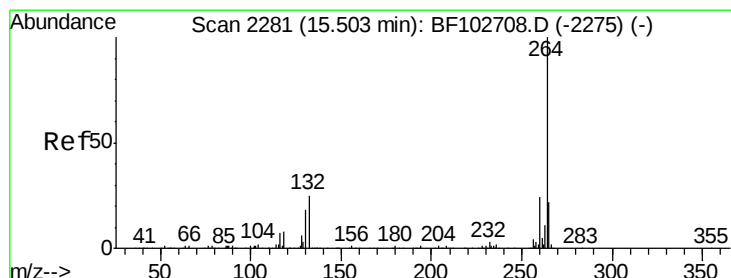
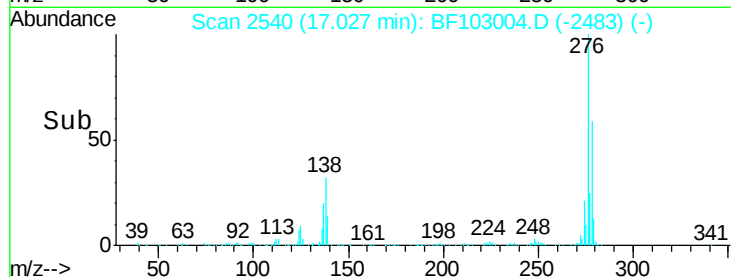
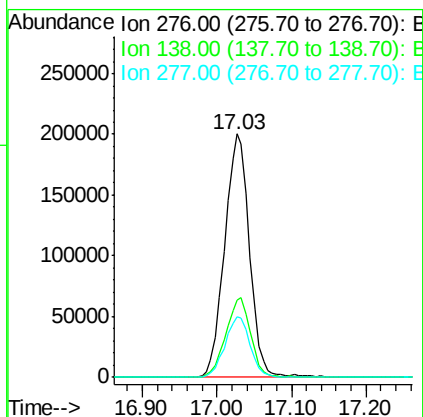
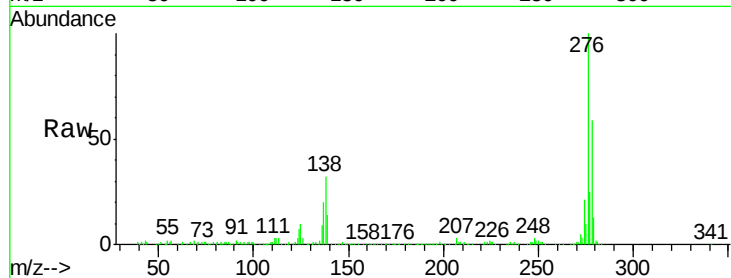




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.42 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. 0.04 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

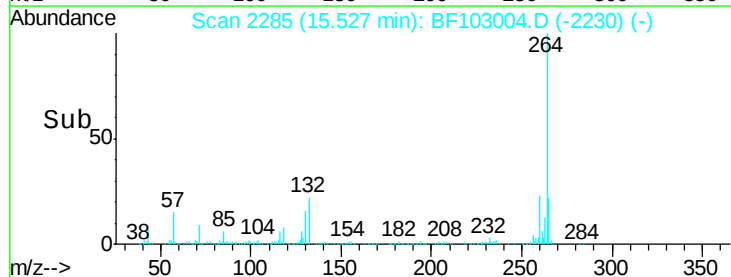
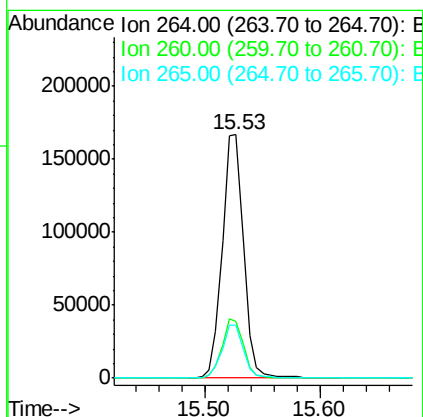
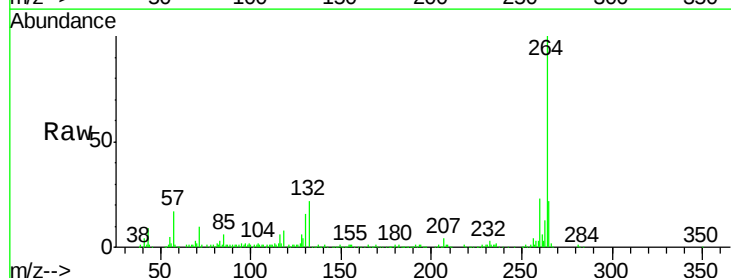
Instrument :
 BNA_F
 ClientSampleId :

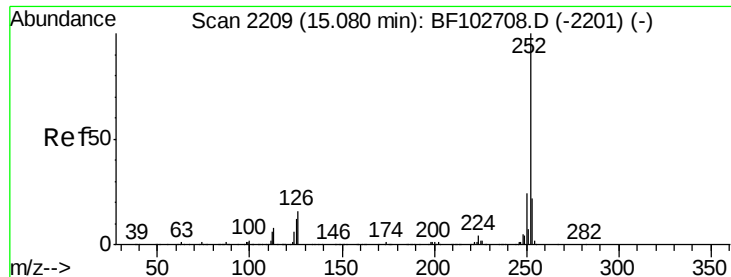
Tot Ion:276 Resp: 464927
 Ion Ratio Lower Upper
 276 100
 138 32.4 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.02 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Tgt Ion:264 Resp: 214835
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.5 26.3

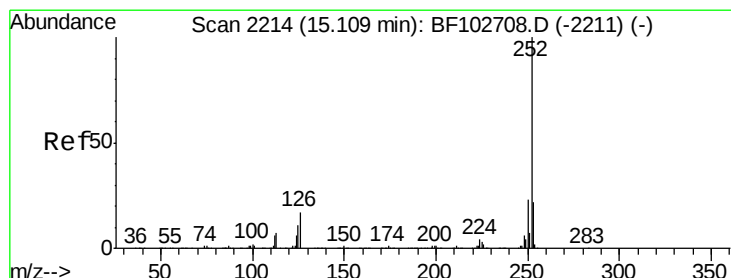
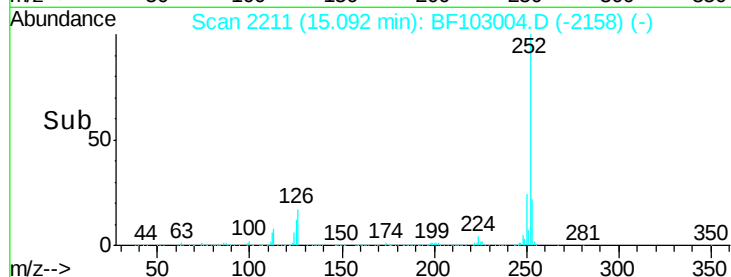
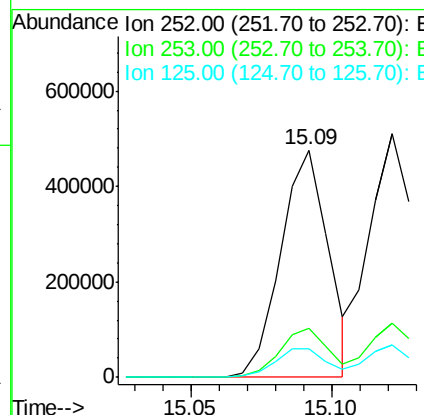
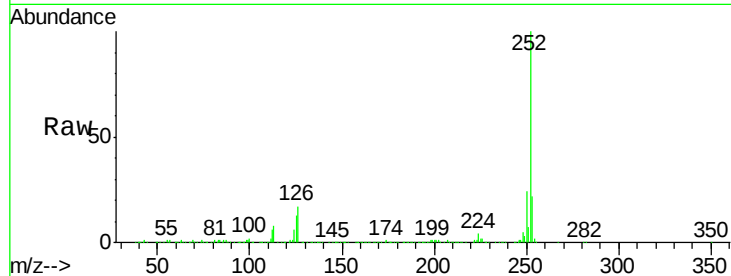




#87
Benzo(b)fluoranthene
Concen: 39.90 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

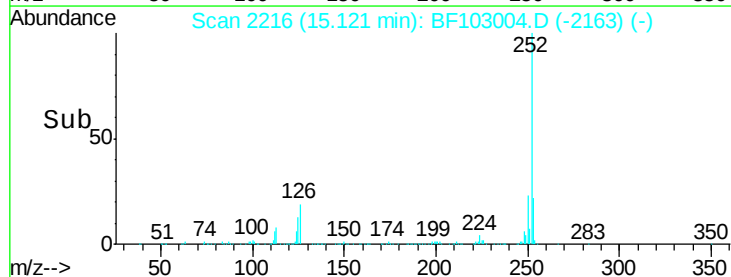
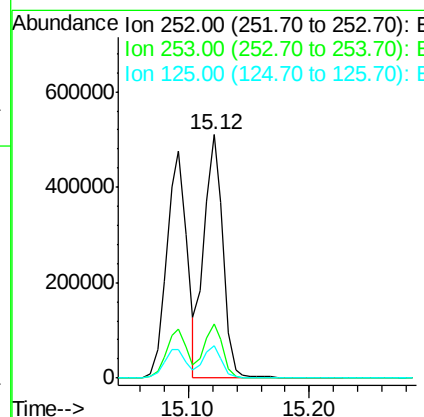
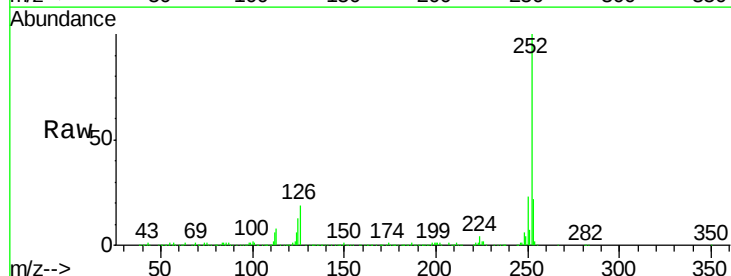
Instrument :
BNA_F
ClientSampleId :

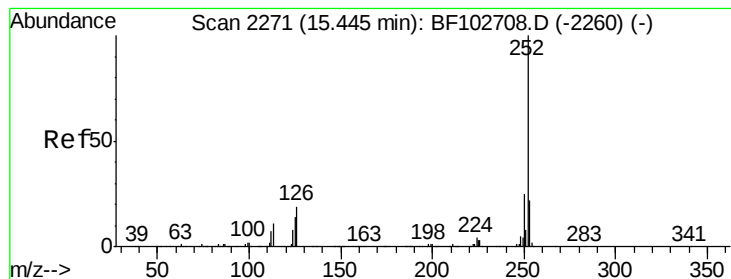
Tot Ion:252 Resp: 555700
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.67 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103004.D
Acq: 14 Feb 2018 22:51

Tgt Ion:252 Resp: 554587
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.93 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.02 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

Instrument :

BNA_F

ClientSampleId :

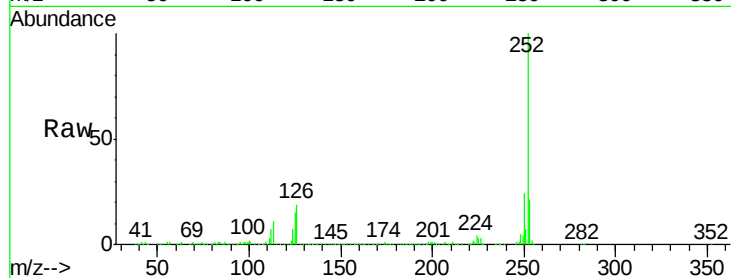
Tot Ion:252 Resp: 488126

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

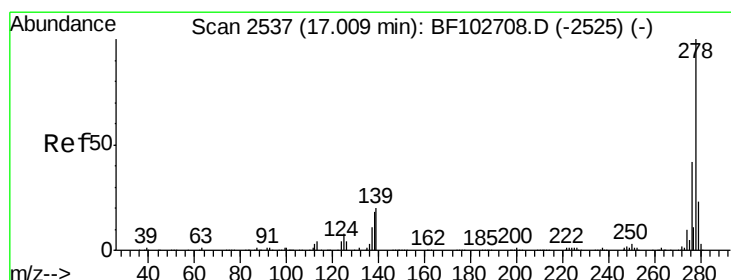
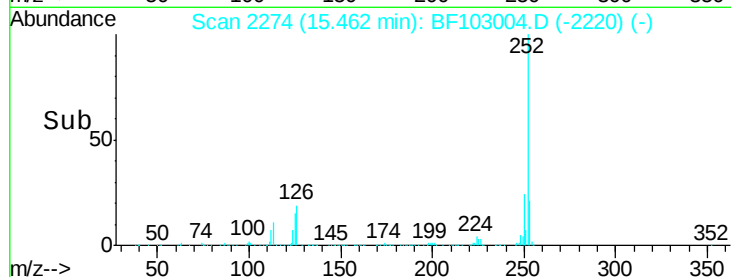
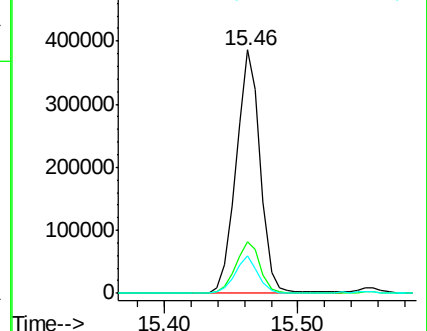
125 15.2 9.8 14.6#



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: 38.56 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.03 min

Lab File: BF103004.D

Acq: 14 Feb 2018 22:51

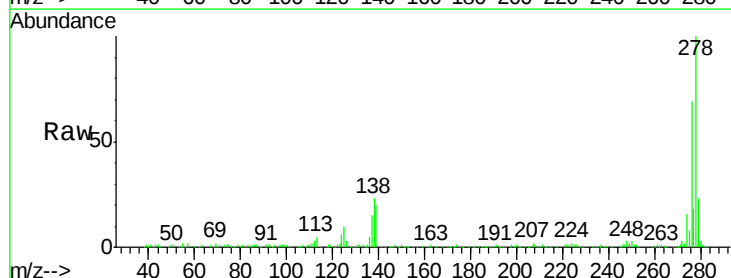
Tgt Ion:278 Resp: 392401

Ion Ratio Lower Upper

278 100

139 20.4 15.9 23.9

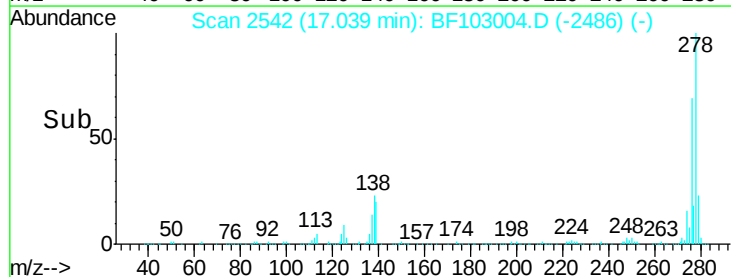
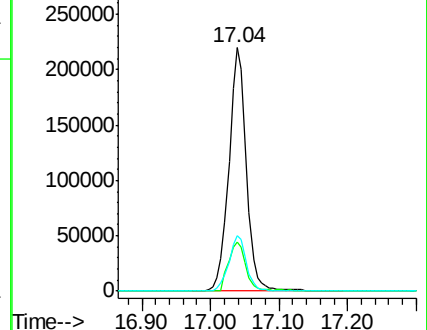
279 22.8 19.0 28.4

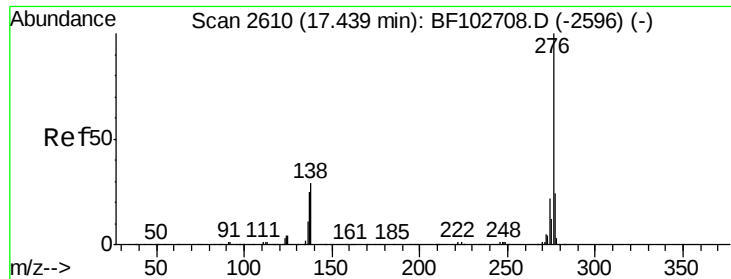


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

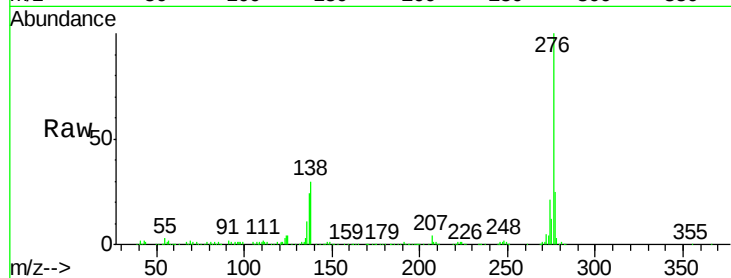




#91
 Benzo(a,h,i)perylene
 Concen: 37.87 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. 0.04 min
 Lab File: BF103004.D
 Acq: 14 Feb 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	30.1	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

