

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109215.D
 Acq On : 22 Sep 2018 12:30
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 13:30:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 12:37:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104365	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	420764	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199474	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	400496	20.00	ng	0.00
75) Chrysene-d12	13.84	240	307237	20.00	ng	0.00
86) Perylene-d12	15.24	264	325498	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	498265	78.64	ng	0.00
7) Phenol-d6	6.35	99	634507	78.48	ng	-0.01
23) Nitrobenzene-d5	7.27	82	580950	81.50	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	160250	81.49	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1041864	78.77	ng	0.00
78) Terphenyl-d14	12.80	244	935435	74.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	114564	39.26	ng	93
3) Pyridine	3.06	79	316143	42.09	ng	92
4) n-Nitrosodimethylamine	3.00	42	128701	40.26	ng	# 100
6) Aniline	6.37	93	408237	39.46	ng	100
8) 2-Chlorophenol	6.49	128	279296	39.64	ng	97
9) Benzaldehyde	6.25	77	202523	38.99	ng	99
10) Phenol	6.36	94	358109	39.11	ng	79
11) bis(2-Chloroethyl)ether	6.45	93	274190	38.27	ng	98
12) 1,3-Dichlorobenzene	6.65	146	317890	39.18	ng	99
13) 1,4-Dichlorobenzene	6.72	146	321845	39.38	ng	99
14) 1,2-Dichlorobenzene	6.88	146	295371	39.18	ng	98
15) Benzyl Alcohol	6.85	79	250228	40.43	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	397090	39.07	ng	96
17) 2-Methylphenol	6.96	107	224432	39.36	ng	96
18) Hexachloroethane	7.22	117	115040	39.95	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	206616	39.00	ng	98
20) 3+4-Methylphenols	7.12	107	265171	38.52	ng	# 59
22) Acetophenone	7.12	105	366241	37.65	ng	# 89
24) Nitrobenzene	7.29	77	303792	40.08	ng	99
25) Isophorone	7.53	82	491426	38.29	ng	98
26) 2-Nitrophenol	7.60	139	131058	43.73	ng	94
27) 2,4-Dimethylphenol	7.65	122	217872	38.96	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	323690	38.10	ng	99
29) 2,4-Dichlorophenol	7.85	162	233331	39.71	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	255521	38.92	ng	97
31) Naphthalene	8.01	128	753076	38.30	ng	99
32) Benzoic acid	7.77	122	149080	40.47	ng	94
33) 4-Chloroaniline	8.06	127	327754	38.16	ng	98
34) Hexachlorobutadiene	8.14	225	153587	38.80	ng	100
35) Caprolactam	8.43	113	74470	39.70	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	246121	39.80	ng	98
37) 2-Methylnaphthalene	8.70	142	482319	38.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	243081	38.29	ng	98
40) Hexachlorocyclopentadiene	8.86	237	117462	42.42	ng	96

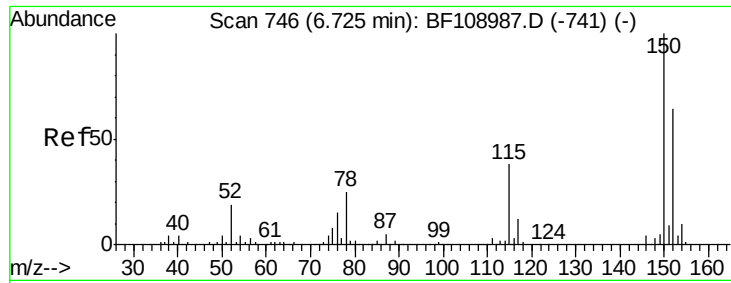
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109215.D
 Acq On : 22 Sep 2018 12:30
 Operator : JU/SJ
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 13:30:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 12:37:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	165156	40.54	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	171347	39.82	nq	97
45) 1,1'-Biphenyl	9.17	154	627412	38.60	nq	97
46) 2-Chloronaphthalene	9.19	162	505132	38.91	nq	100
47) 2-Nitroaniline	9.28	65	153878	41.80	nq	95
48) Acenaphthylene	9.60	152	759452	38.77	nq	100
49) Dimethylphthalate	9.47	163	562681	38.78	nq	99
50) 2,6-Dinitrotoluene	9.52	165	123620	43.02	nq	87
51) Acenaphthene	9.77	154	467308	39.46	nq	100
52) 3-Nitroaniline	9.69	138	143699	43.18	nq	95
53) 2,4-Dinitrophenol	9.79	184	38401	42.18	nq	# 20
54) Dibenzofuran	9.95	168	678760	38.54	nq	98
55) 4-Nitrophenol	9.85	139	105200	41.97	nq	92
56) 2,4-Dinitrotoluene	9.93	165	157391	43.29	nq	# 97
57) Fluorene	10.29	166	478609	38.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	140428	41.22	nq	91
59) Diethylphthalate	10.16	149	571692	38.91	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	249157	37.96	nq	94
61) 4-Nitroaniline	10.30	138	140004	43.14	nq	98
62) Azobenzene	10.44	77	584468	38.29	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	63950	41.00	nq	93
65) n-Nitrosodiphenylamine	10.40	169	501620	37.91	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	167672	37.70	nq	# 85
67) Hexachlorobenzene	10.83	284	179536	38.01	nq	95
68) Atrazine	10.93	200	158979	39.07	nq	98
69) Pentachlorophenol	11.02	266	119305	42.20	nq	98
70) Phenanthrene	11.24	178	760017	38.01	nq	99
71) Anthracene	11.29	178	761605	37.55	nq	100
72) Carbazole	11.45	167	755258	37.43	nq	100
73) Di-n-butylphthalate	11.79	149	899836	38.73	nq	99
74) Fluoranthene	12.42	202	821784	38.46	nq	97
76) Benzidine	12.54	184	364381	32.89	nq	98
77) Pyrene	12.65	202	853567	38.76	nq	99
79) Butylbenzylphthalate	13.27	149	383947	40.99	nq	98
80) Benzo(a)anthracene	13.83	228	722823	39.06	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	281863	40.08	nq	# 97
82) Chrysene	13.87	228	715828	39.03	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	473482	40.08	nq	99
84) Di-n-octyl phthalate	14.44	149	867394	42.94	nq	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	623963	41.97	nq	94
87) Benzo(b)fluoranthene	14.84	252	672439	37.60	nq	97
88) Benzo(k)fluoranthene	14.87	252	665716	39.22	nq	98
89) Benzo(a)pyrene	15.19	252	627452	38.93	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	518460	39.21	nq	# 95
91) Benzo(g,h,i)perylene	16.99	276	500160	38.49	nq	94

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

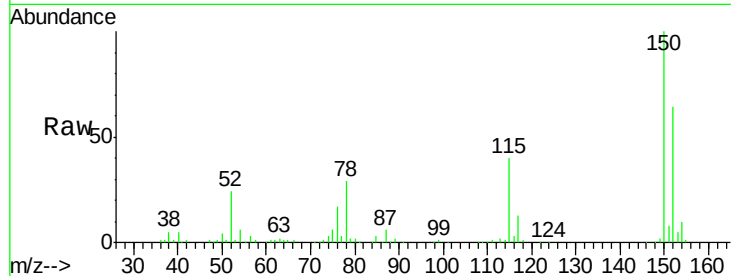


#1

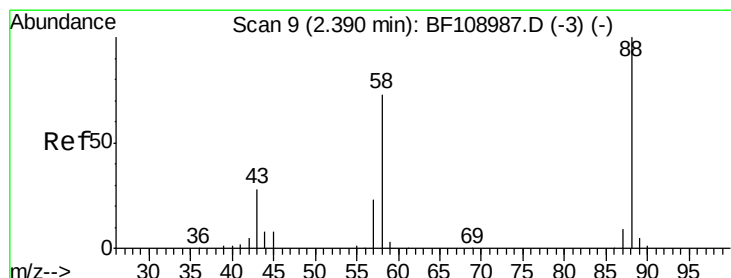
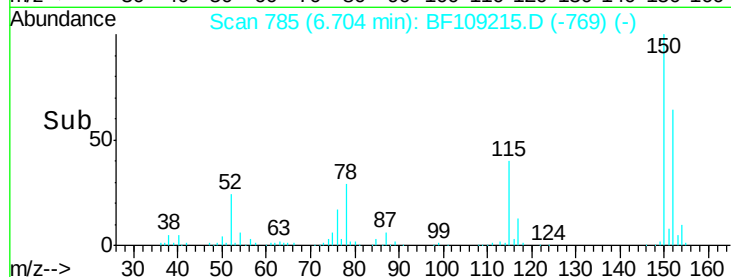
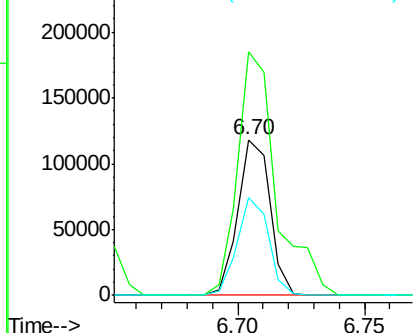
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104365
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 63.1 50.1 75.1



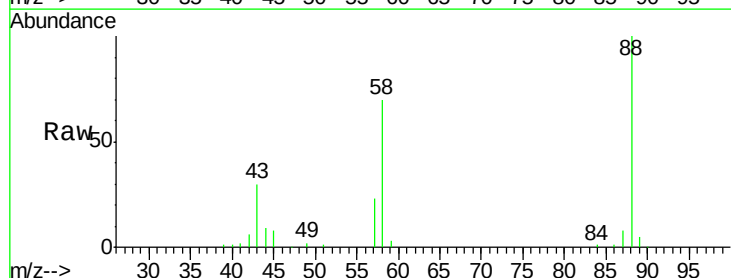
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



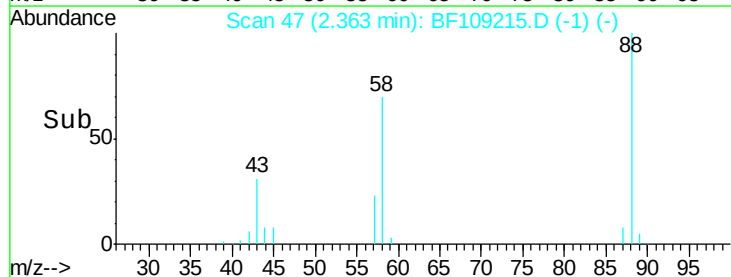
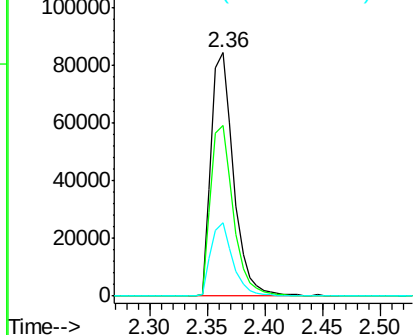
#2

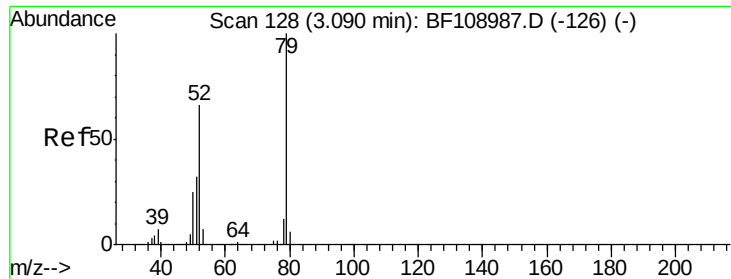
1,4-Dioxane
Concen: 39.26 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion: 88 Resp: 114564
Ion Ratio Lower Upper
88 100
58 70.4 62.6 93.8
43 29.7 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

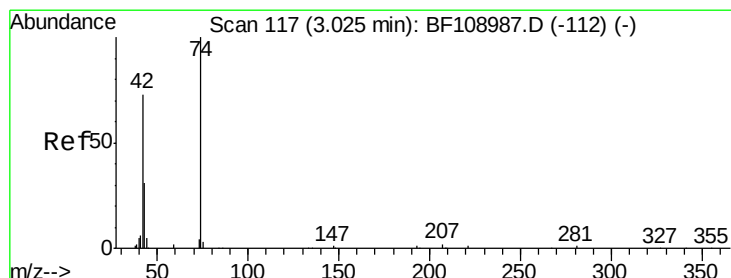
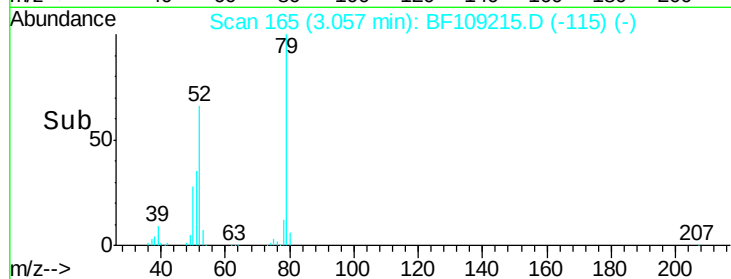
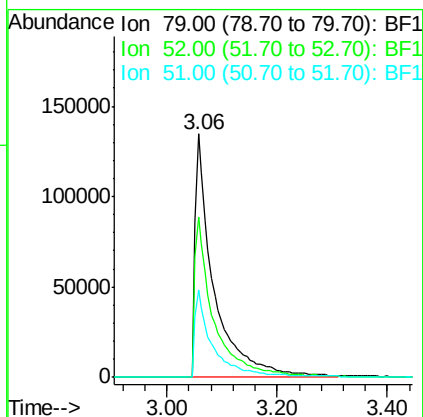
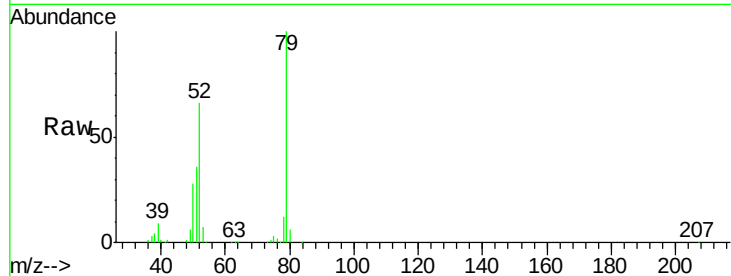




#3
 Pvridine
 Concen: 42.09 ng
 RT: 3.06 min Scan# 165
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

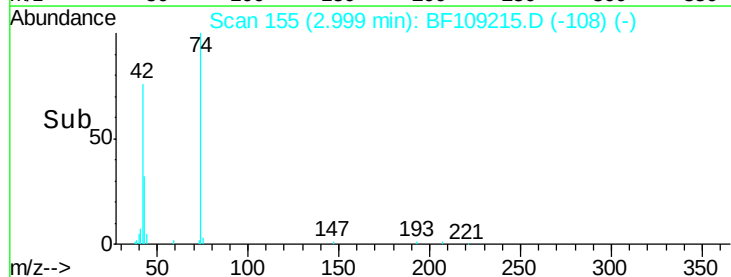
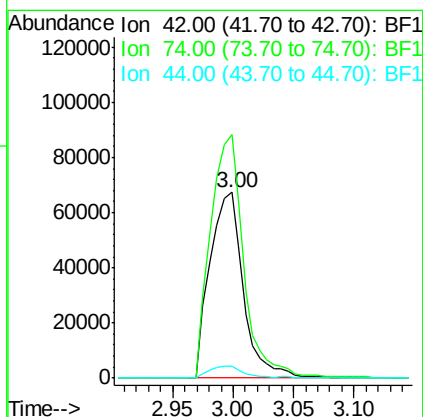
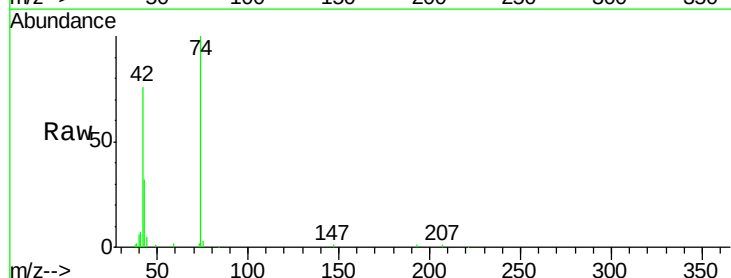
Instrument :
 BNA_F
 ClientSampleId :

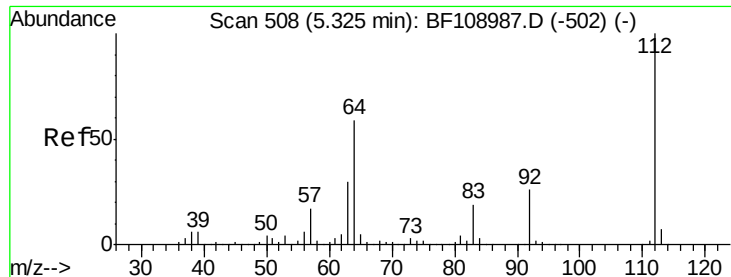
Tot Ion: 79 Resp: 316143
 Ion Ratio Lower Upper
 79 100
 52 66.0 59.8 89.6
 51 35.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.26 ng
 RT: 3.00 min Scan# 155
 Delta R.T. -0.02 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion: 42 Resp: 128701
 Ion Ratio Lower Upper
 42 100
 74 131.1 104.9 157.3
 44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 78.64 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

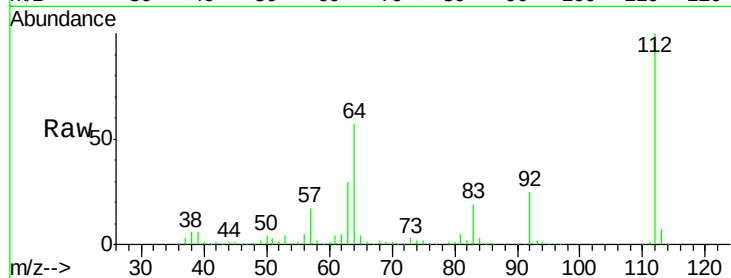
Tot Ion:112 Resp: 498265

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

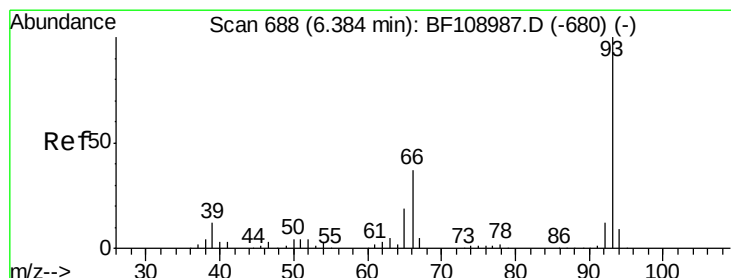
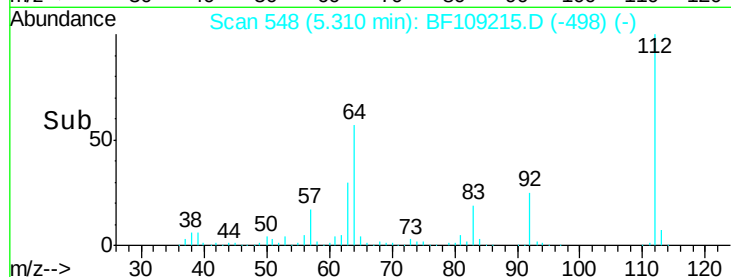
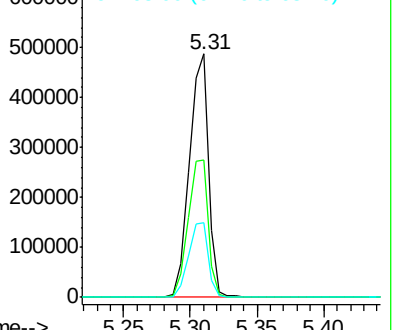
63 30.5 23.7 35.5



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: 39.46 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

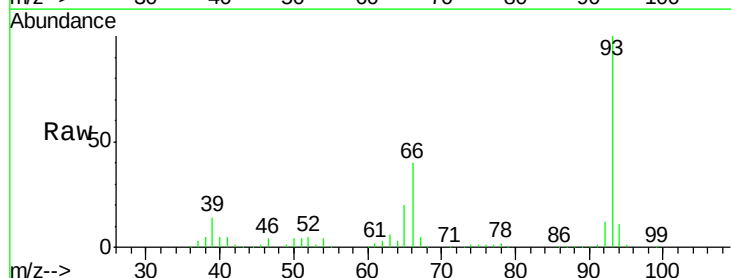
Tgt Ion: 93 Resp: 408237

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

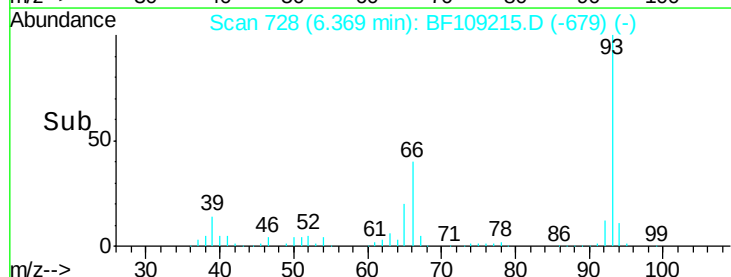
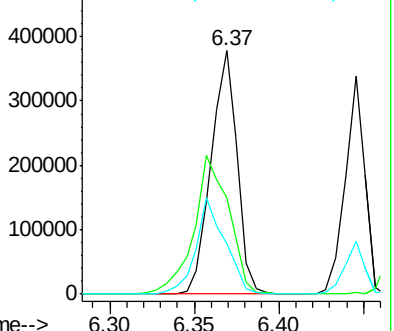
65 20.5 16.4 24.6

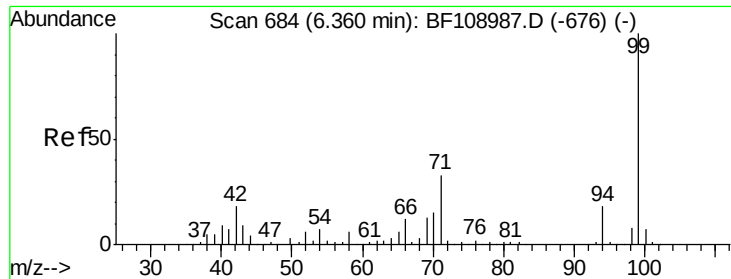


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.48 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

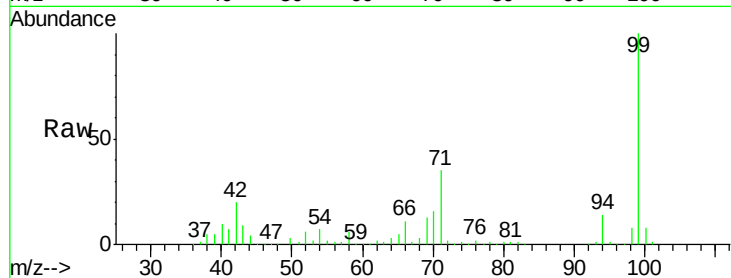
Tot Ion: 99 Resp: 634507

Ion Ratio Lower Upper

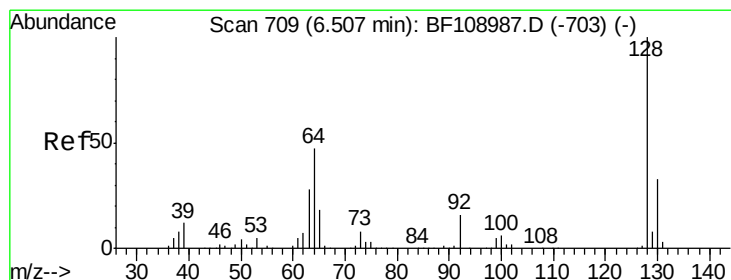
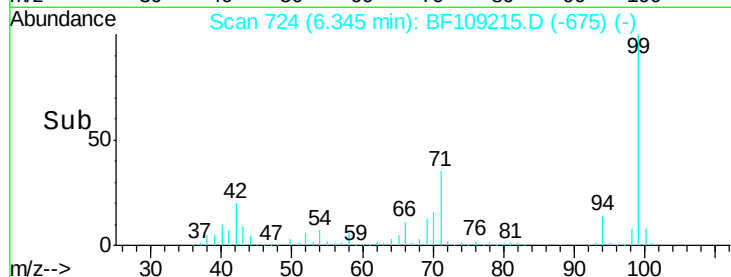
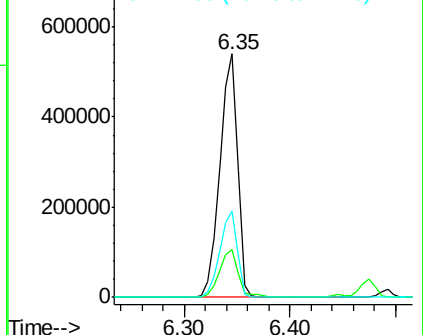
99 100

42 19.9 14.5 21.7

71 35.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.64 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

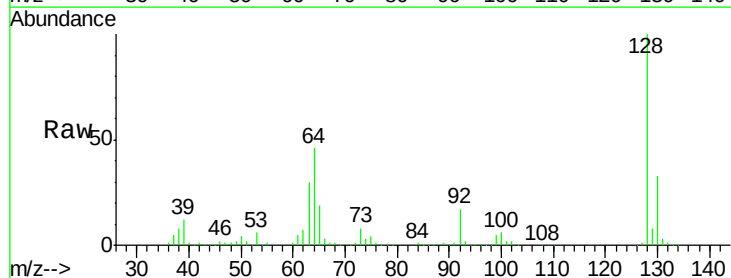
Tgt Ion: 128 Resp: 279296

Ion Ratio Lower Upper

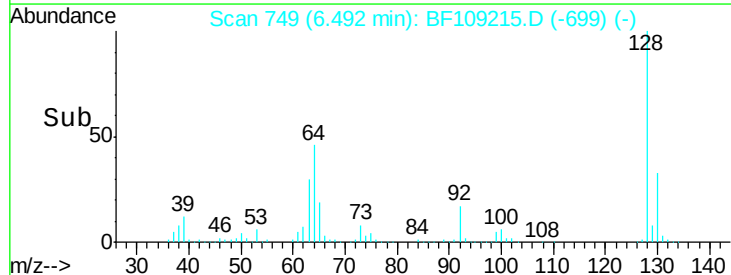
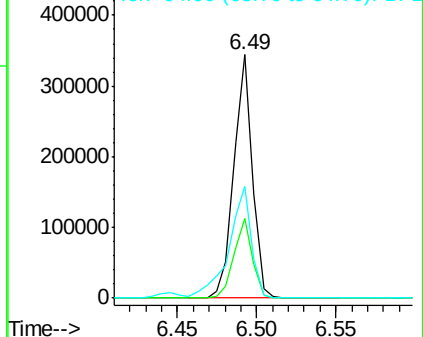
128 100

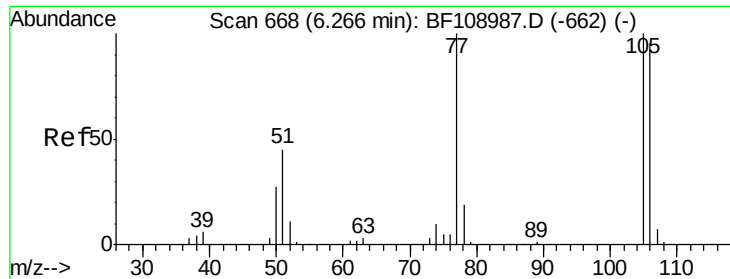
130 32.5 13.0 53.0

64 45.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 38.99 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

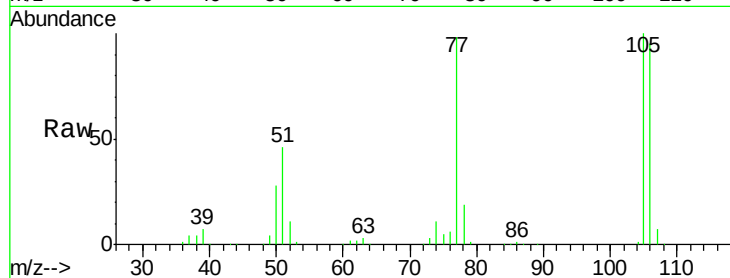
Tot Ion: 77 Resp: 202523

Ion Ratio Lower Upper

77 100

105 101.5 81.1 121.1

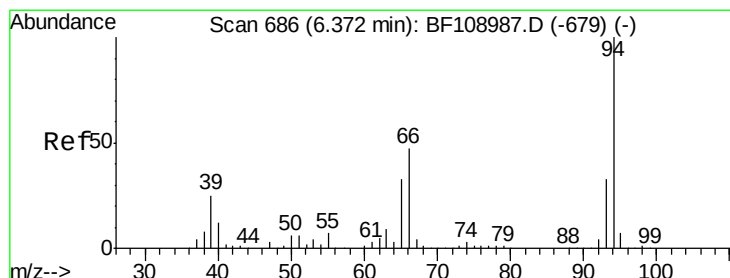
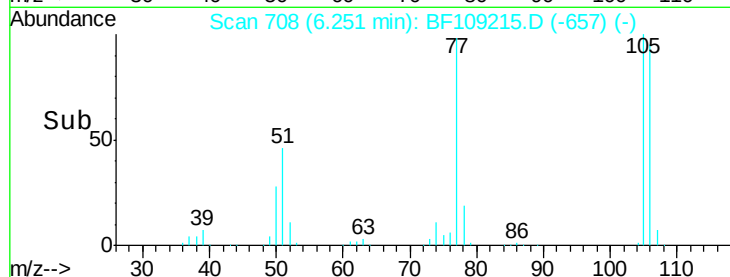
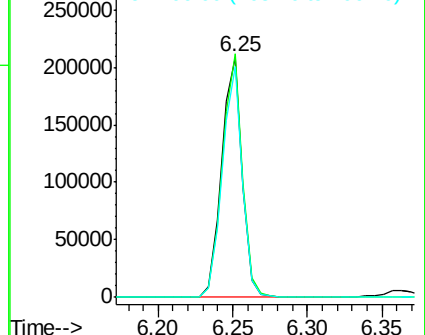
106 96.0 74.5 114.5



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: 39.11 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

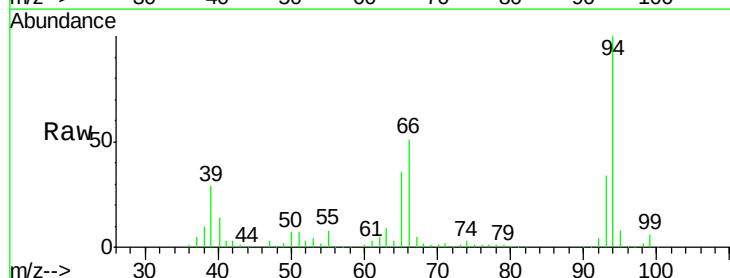
Tgt Ion: 94 Resp: 358109

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

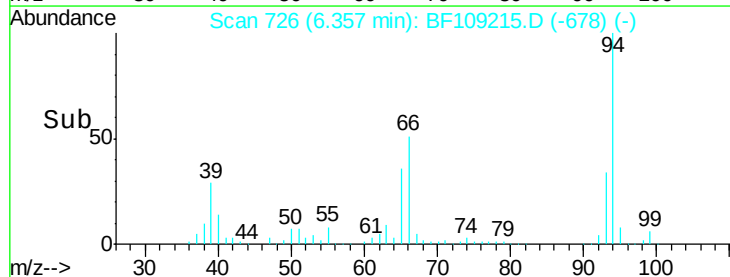
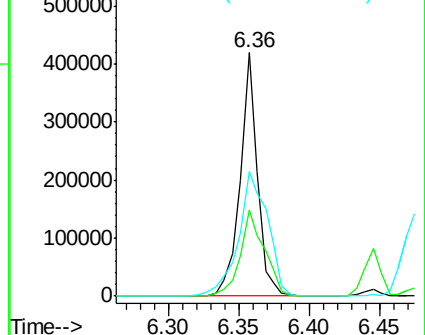
66 51.2 16.2 56.2

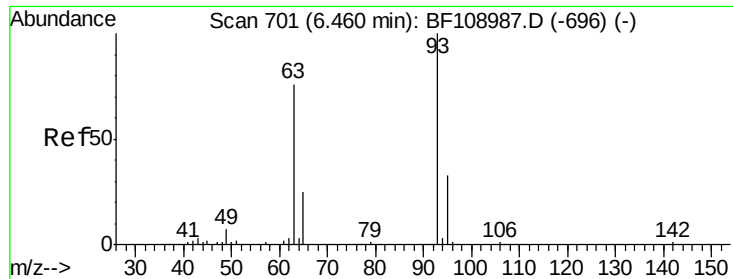


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.27 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

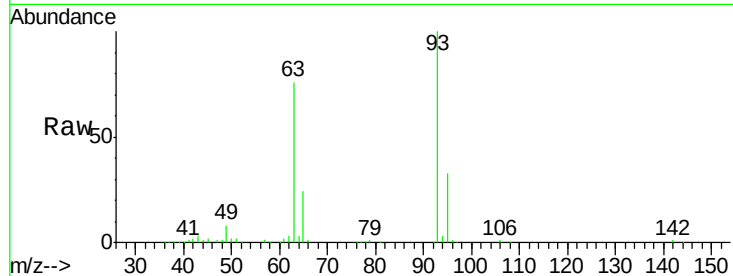
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 274190

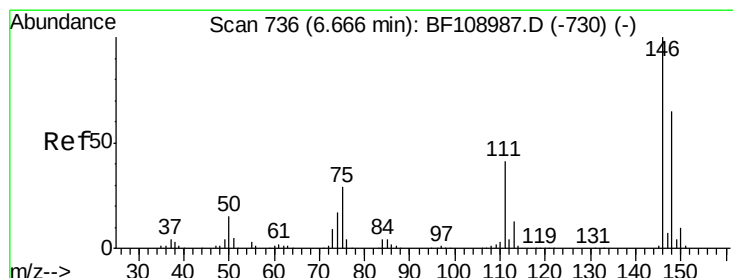
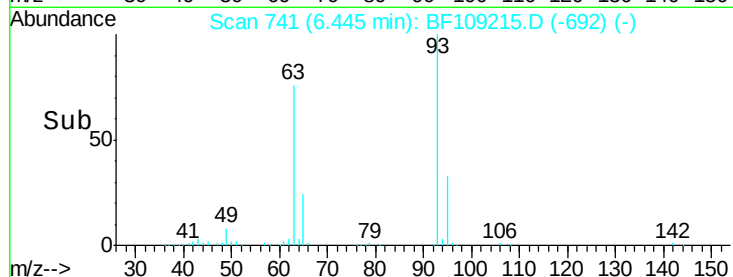
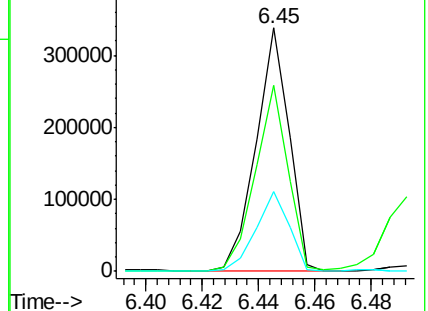
Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.6	98.6
95	32.6	11.8	51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.18 ng

RT: 6.65 min Scan# 776

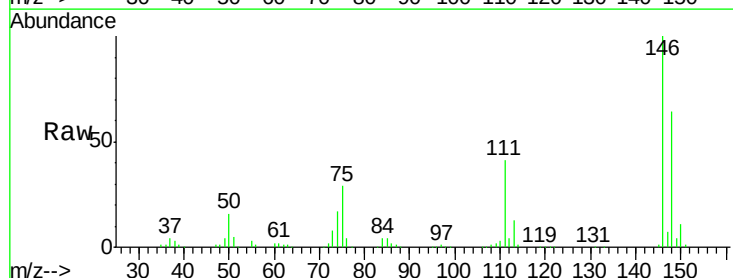
Delta R.T. 0.00 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Tgt Ion: 146 Resp: 317890

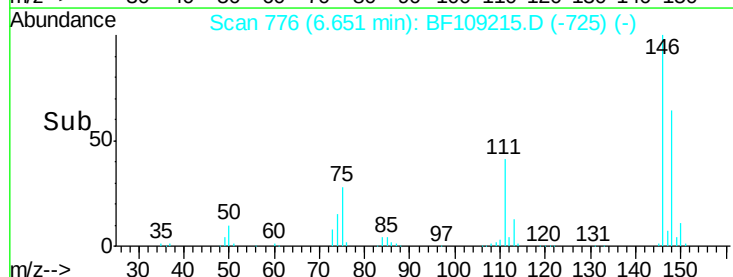
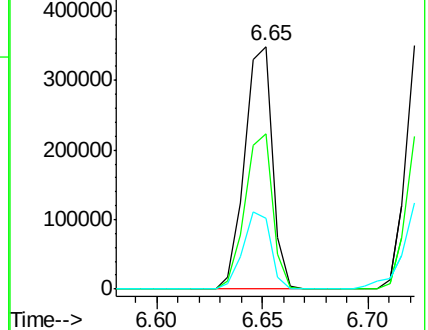
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	29.2	24.2	36.4

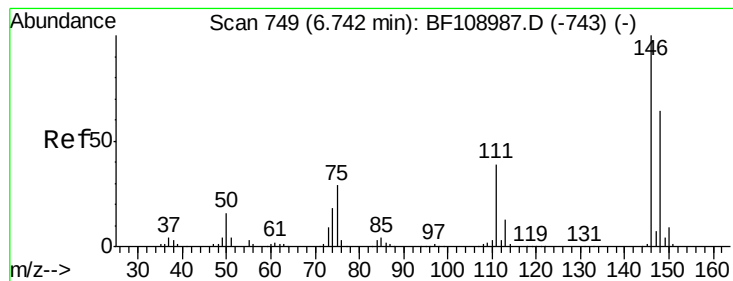


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.38 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

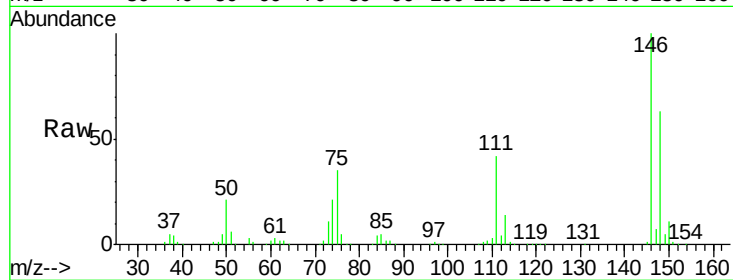
Tot Ion:146 Resp: 321845

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

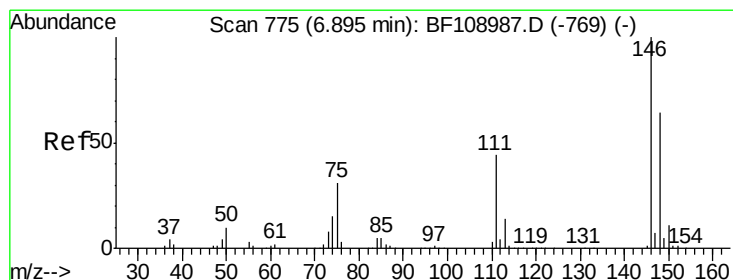
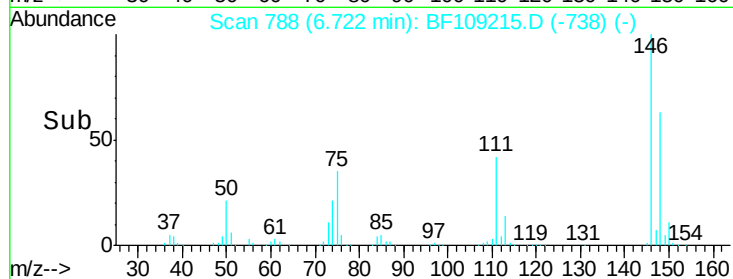
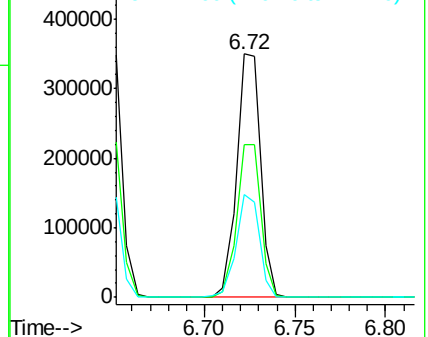
111 42.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.18 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

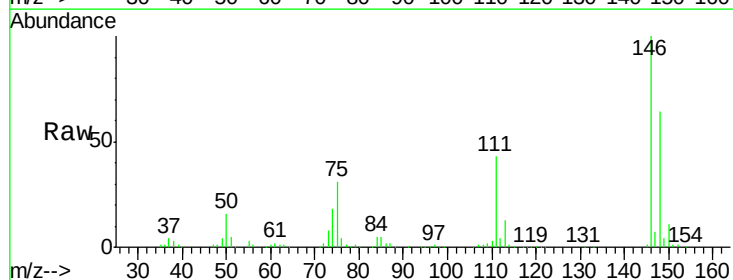
Tgt Ion:146 Resp: 295371

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

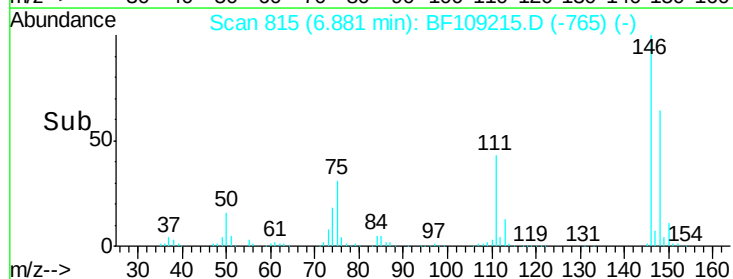
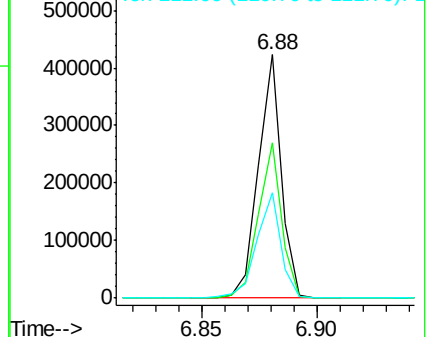
111 43.2 36.0 54.0

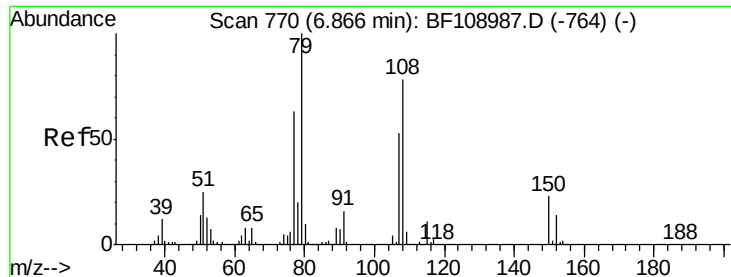


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.43 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

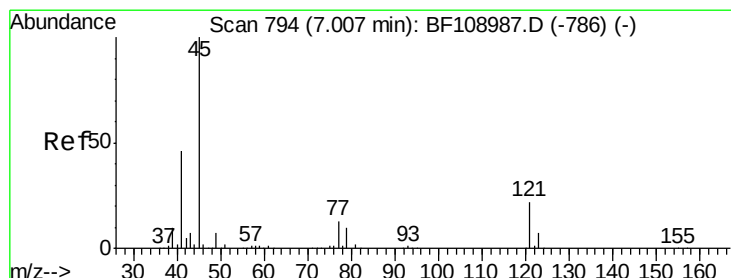
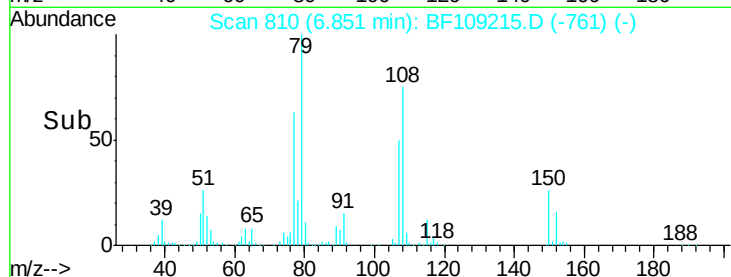
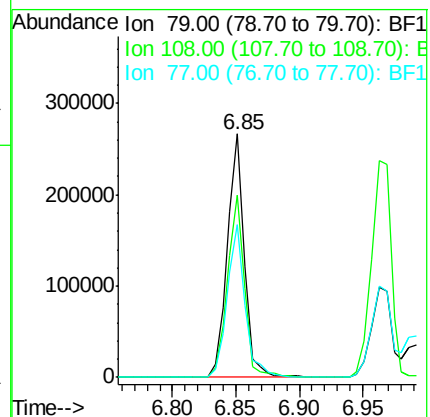
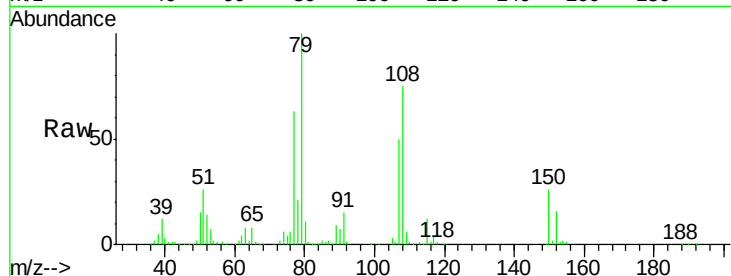
Tot Ion: 79 Resp: 250228

Ion Ratio Lower Upper

79 100

108 74.7 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.07 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

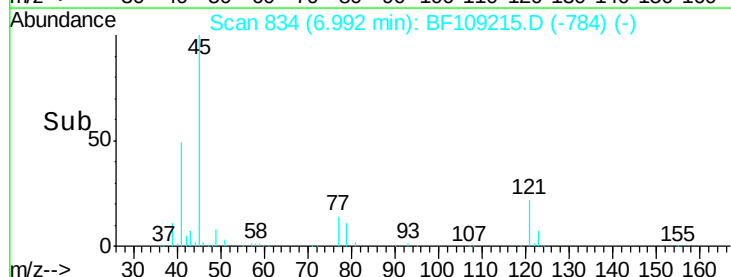
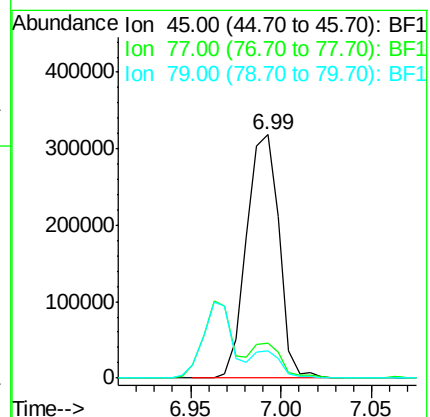
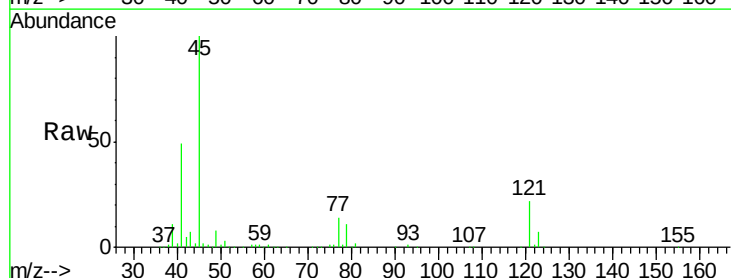
Tgt Ion: 45 Resp: 397090

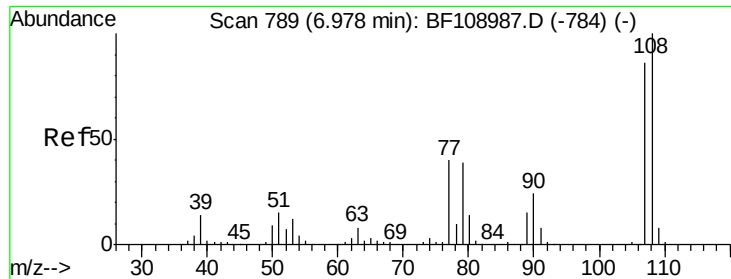
Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

79 11.1 0.0 29.6

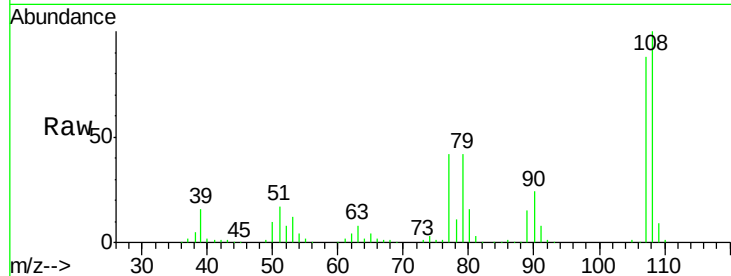




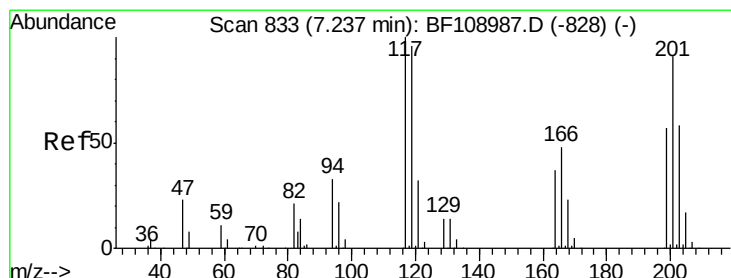
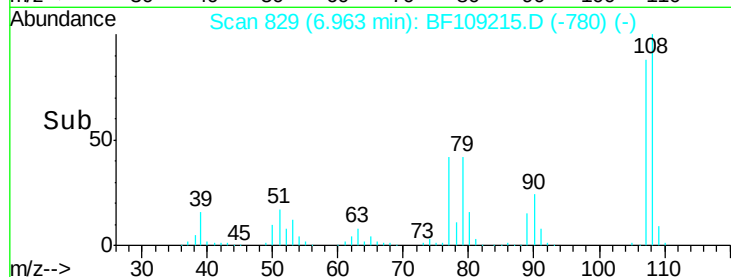
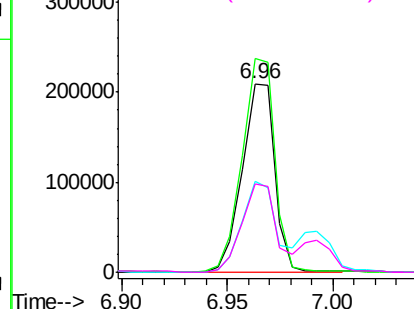
#17
2-Methylphenol
Concen: 39.36 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	224432
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.7	137.5
77	48.0	33.8	50.8
79	47.3	33.8	50.8

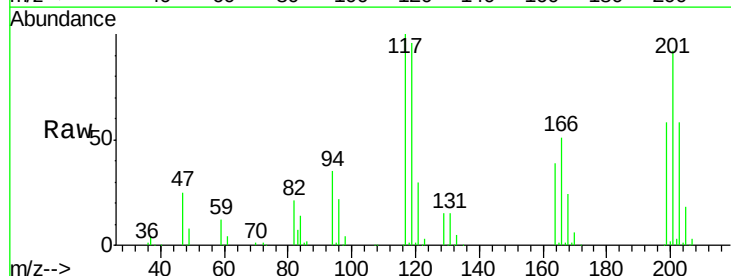


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

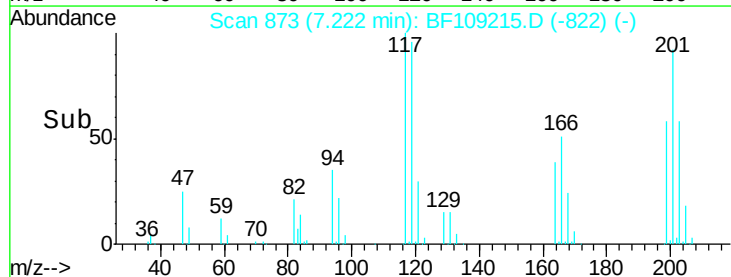
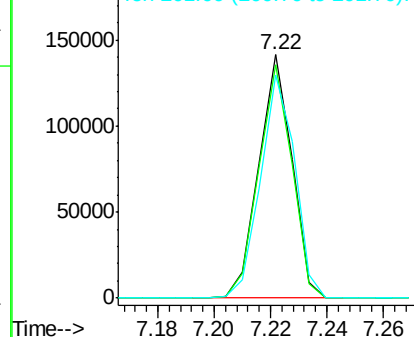


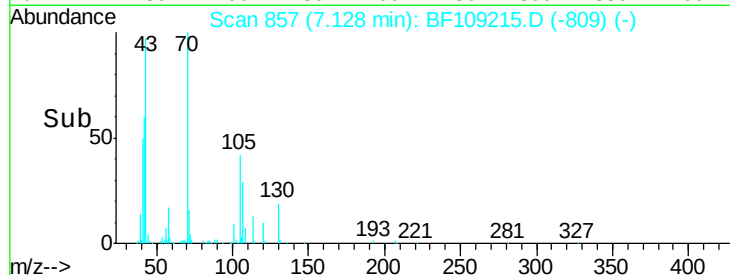
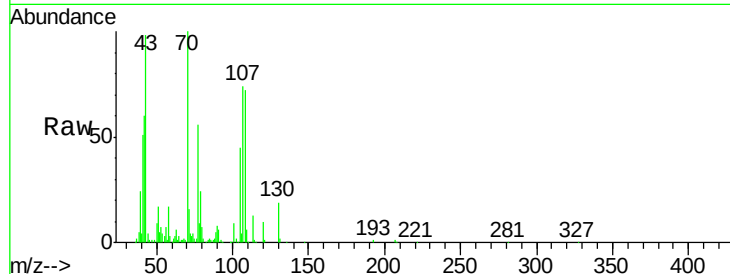
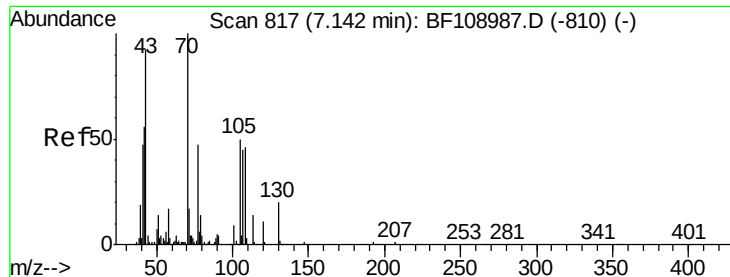
#18
Hexachloroethane
Concen: 39.95 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:	117	Resp:	115040
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	91.6	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

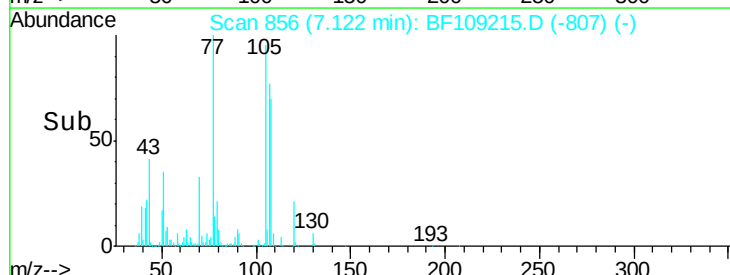
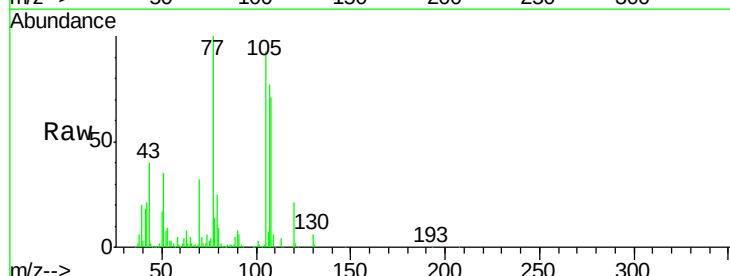
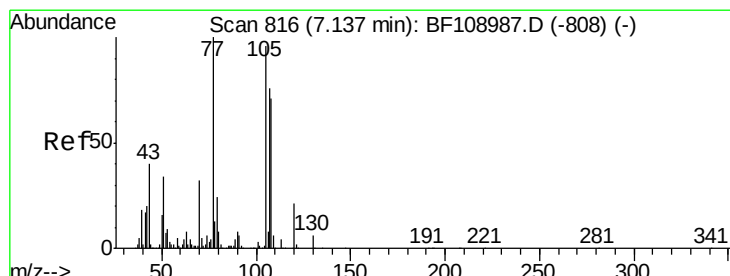
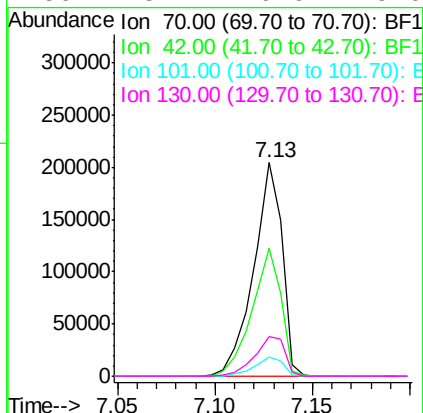




#19
n-Nitroso-di-n-propylamine
Concen: 39.00 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

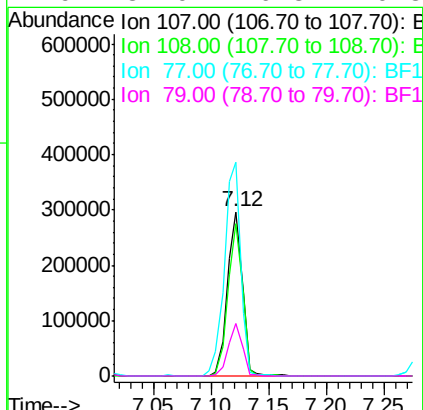
Instrument :
BNA_F
ClientSampleId :

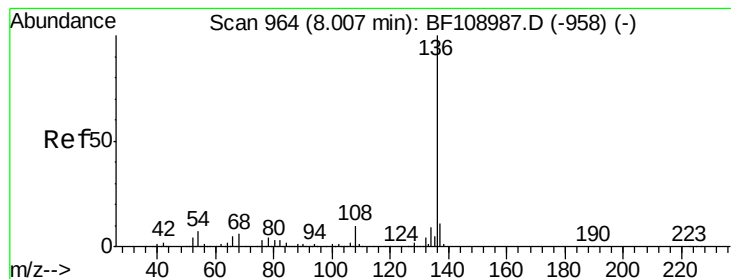
Tot Ion:	70	Resp:	206616
Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.5	71.3
101	9.2	7.4	11.2
130	18.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.52 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:	107	Resp:	265171
Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.2	108.2
77	130.2	26.7	66.7#
79	32.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109215.D

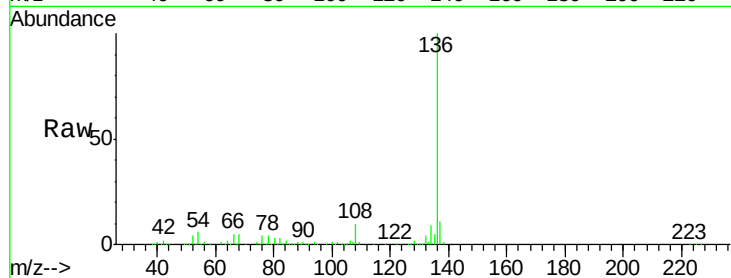
Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	420764
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.4	6.6 9.8#
68	5.2	5.0 7.4

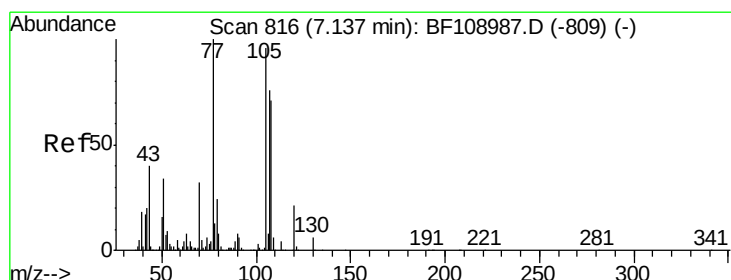
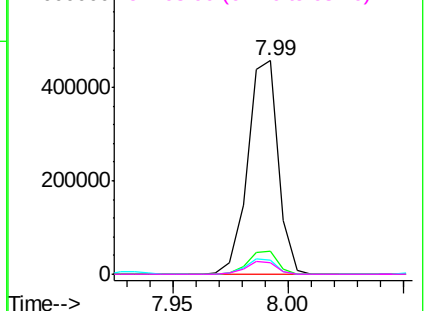
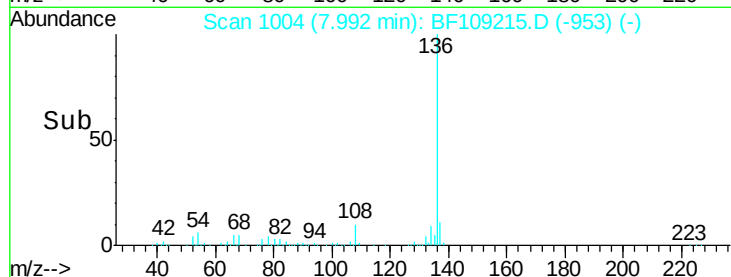


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.65 ng

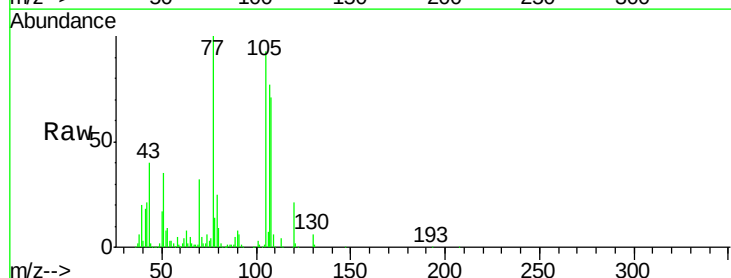
RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Tgt Ion:105	Resp:	366241
Ion Ratio	Lower	Upper
105	100	
71	5.6	4.4 6.6
51	37.9	22.3 33.5#
120	22.1	16.9 25.3

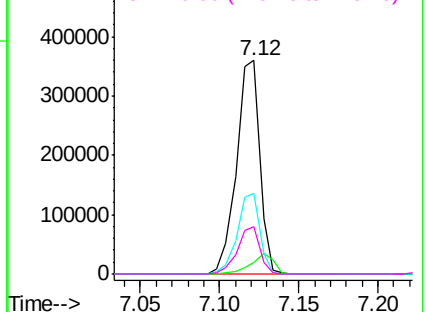
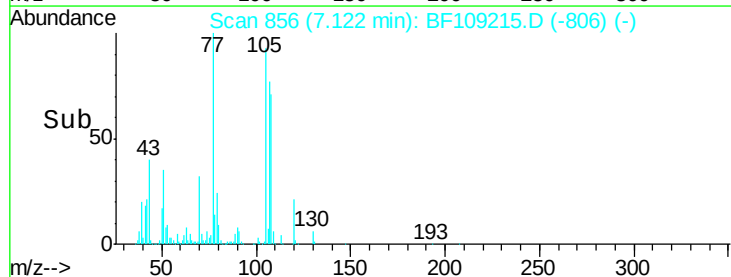


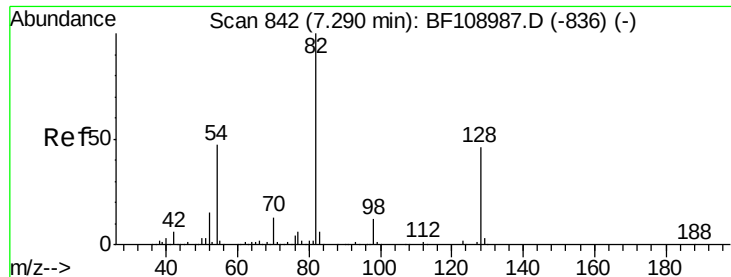
Abundance Ion 105.00 (104.70 to 105.70): E

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

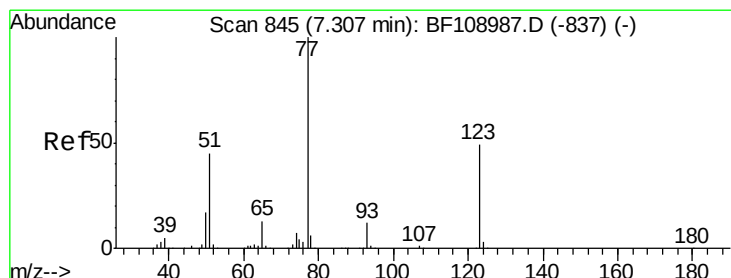
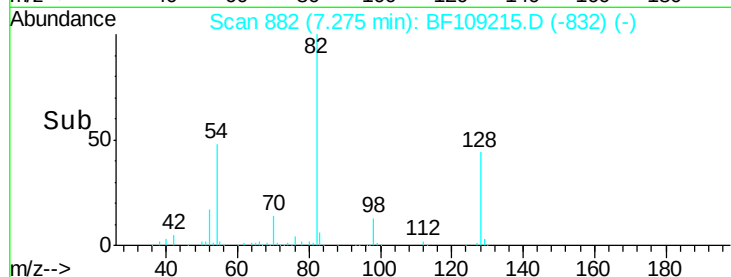
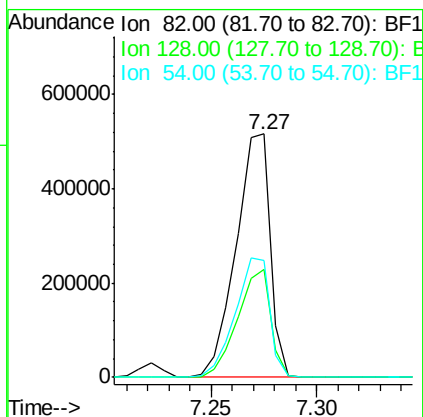
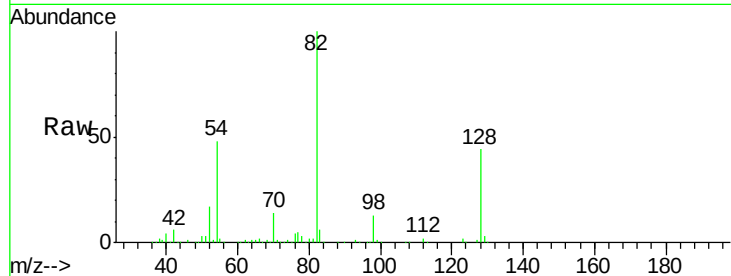




#23
 Nitrobenzene-d5
 Concen: 81.50 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

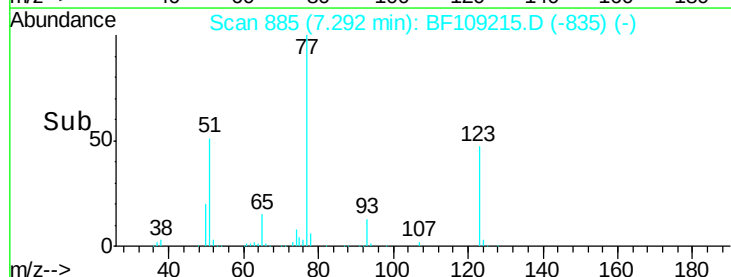
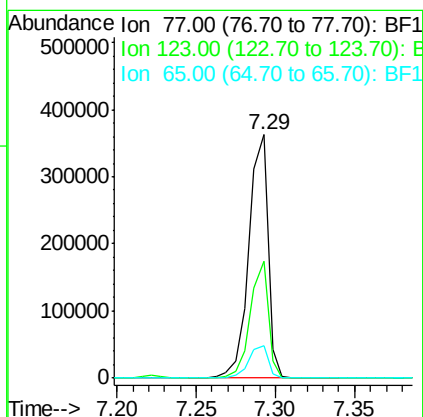
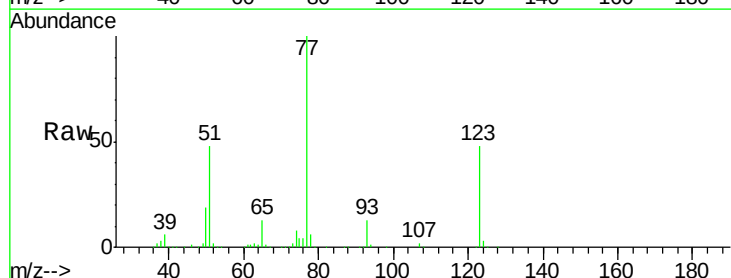
Instrument :
 BNA_F
 ClientSampleId :

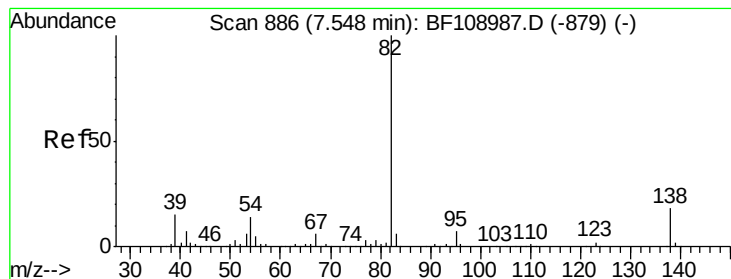
Tot Ion	82	Resp	580950
Ion Ratio	100	Lower	Upper
128	44.1	36.1	54.1
54	47.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.08 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion	77	Resp	303792
Ion Ratio	100	Lower	Upper
123	47.8	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 38.29 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

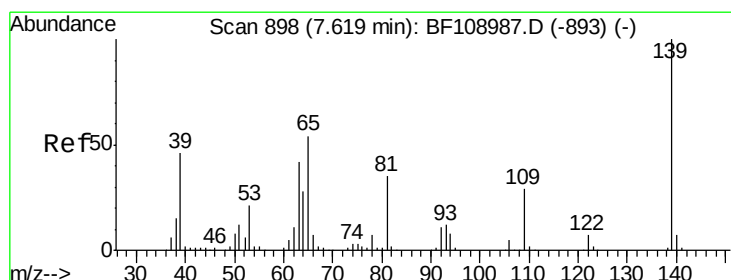
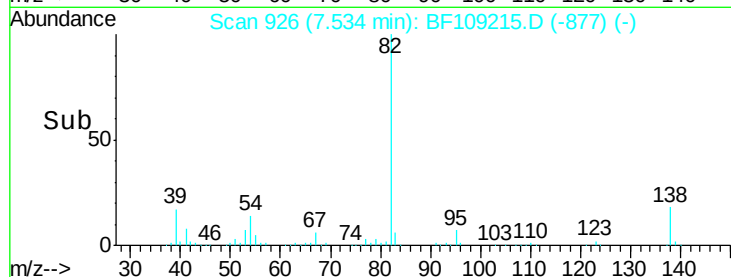
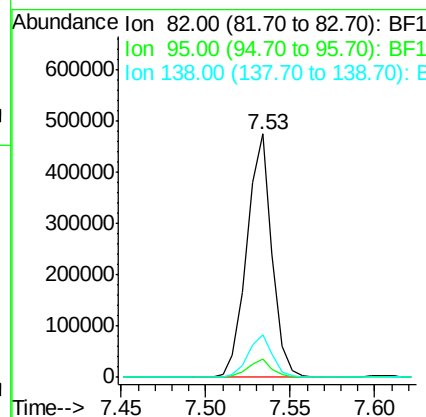
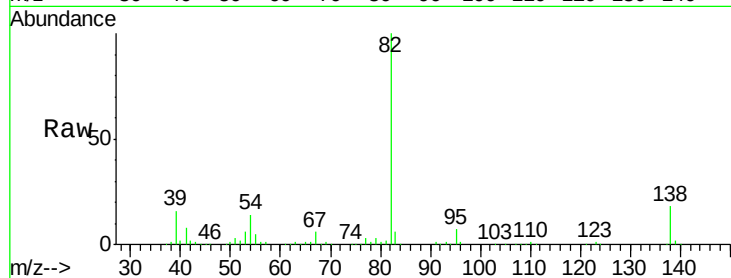
Tot Ion: 82 Resp: 491426

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 43.73 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

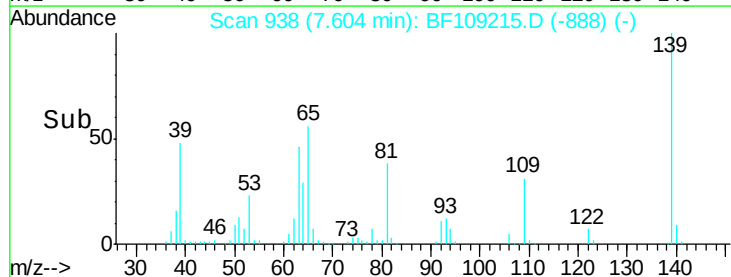
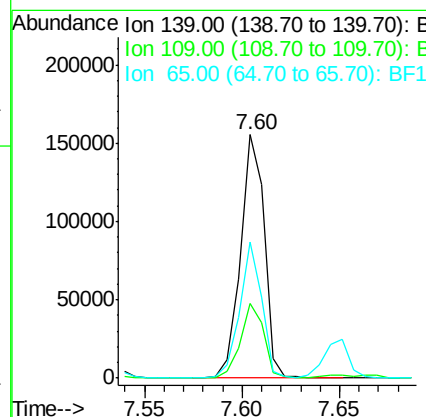
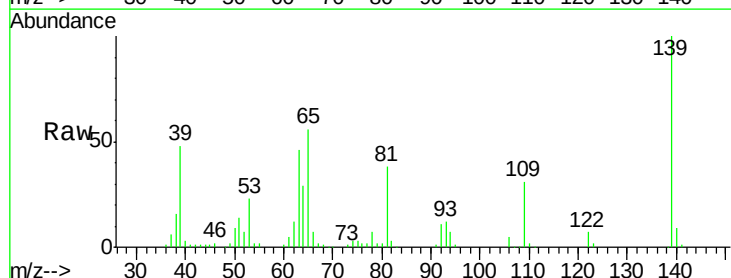
Tgt Ion: 139 Resp: 131058

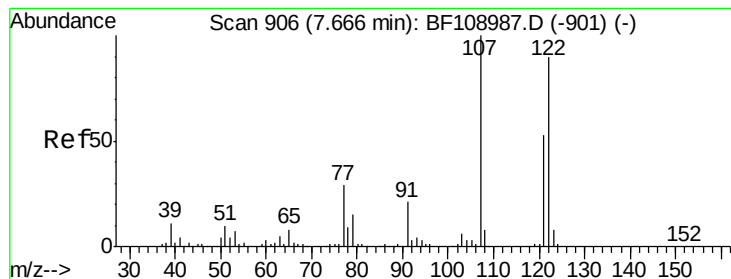
Ion Ratio Lower Upper

139 100

109 30.6 22.7 34.1

65 55.8 40.5 60.7

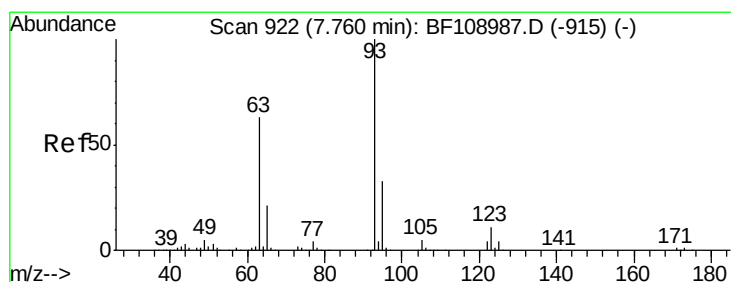
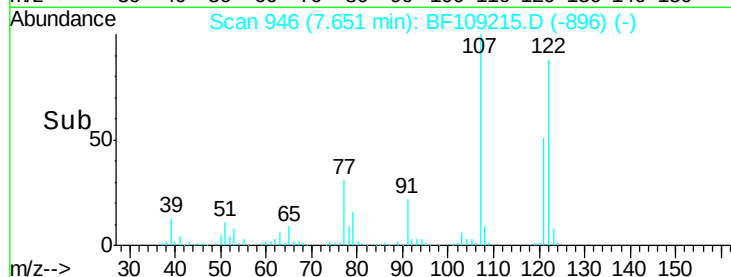
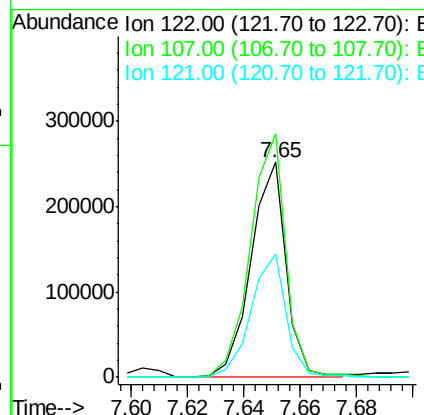
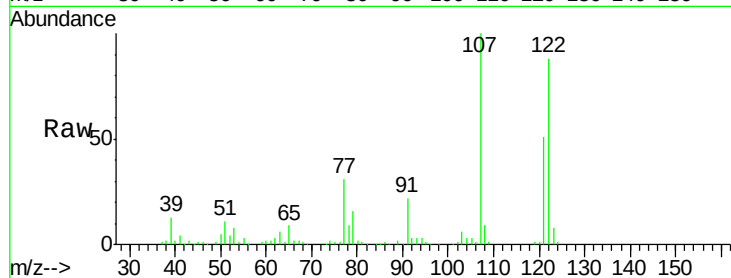




#27
 2,4-Dimethylphenol
 Concen: 38.96 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

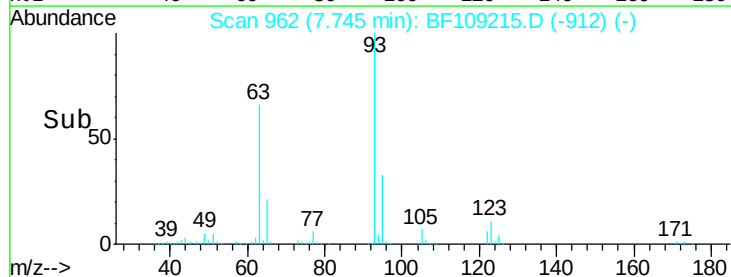
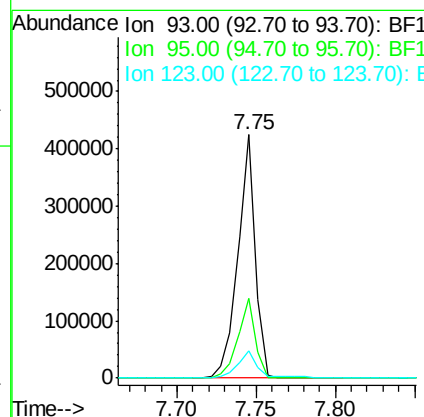
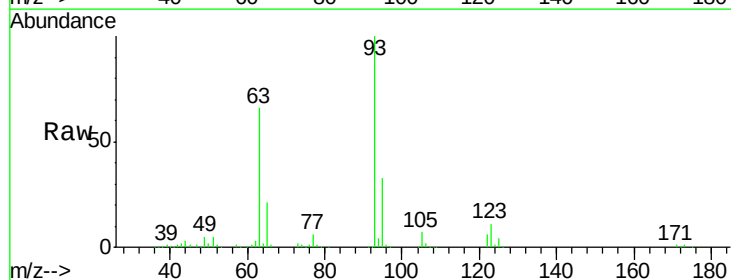
Instrument :
 BNA_F
 ClientSampleId :

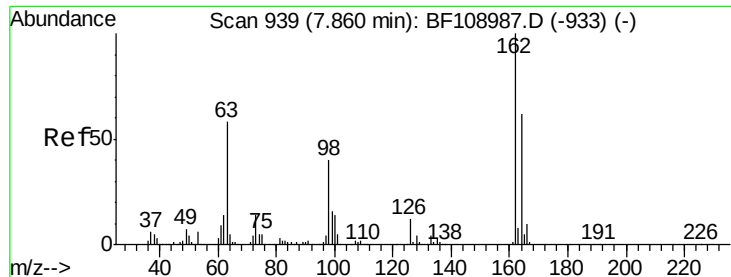
Tot Ion:122 Resp: 217872
 Ion Ratio Lower Upper
 122 100
 107 113.3 91.2 136.8
 121 57.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.10 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion: 93 Resp: 323690
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.5 9.8 14.6

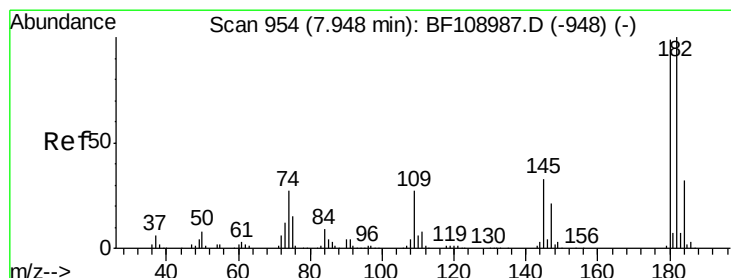
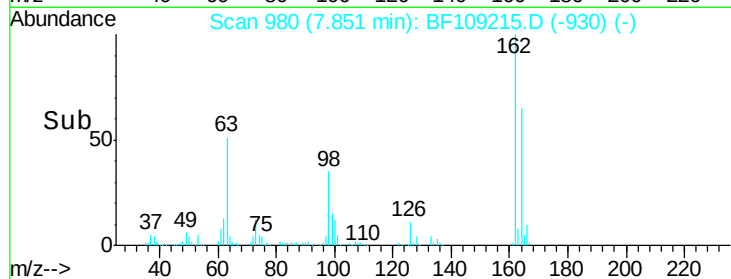
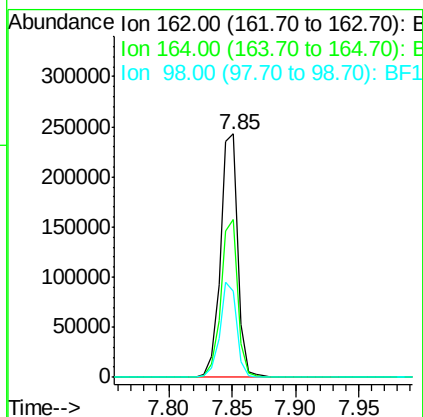
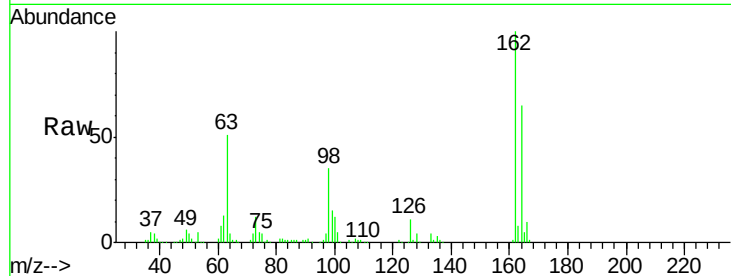




#29
 2,4-Dichlorophenol
 Concen: 39.71 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

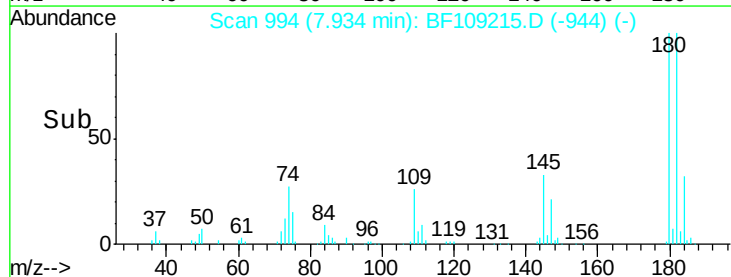
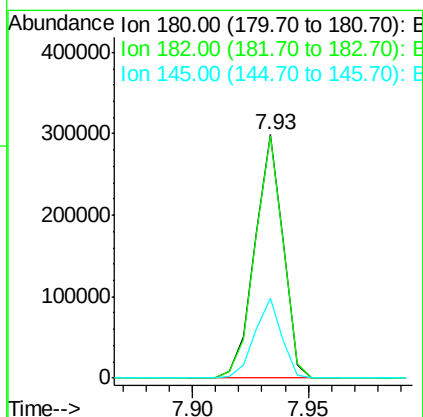
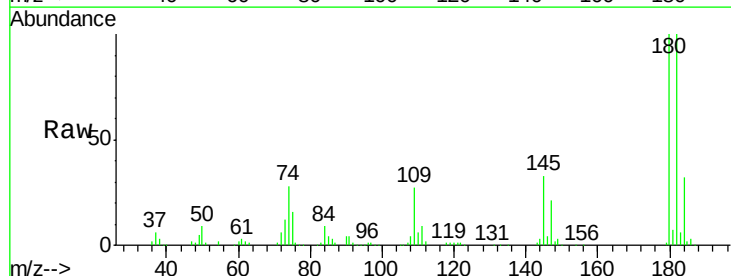
Instrument :
 BNA_F
 ClientSampleId :

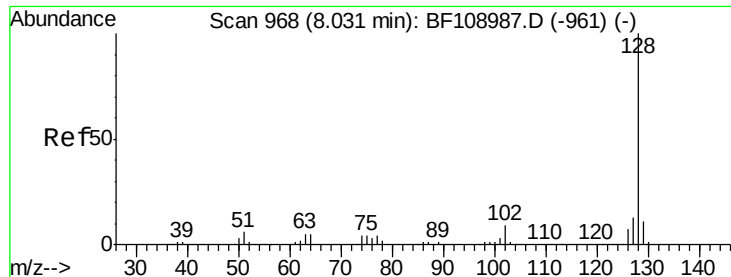
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	35.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.92 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.8	115.2
145	32.5	26.5	39.7

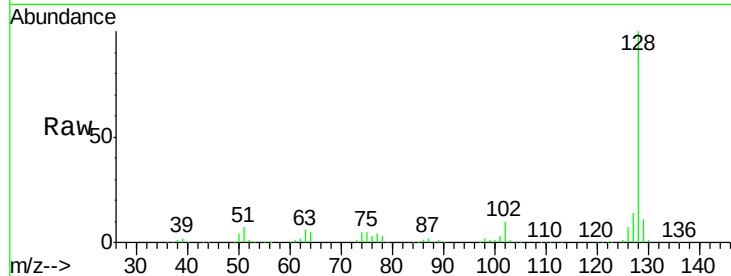




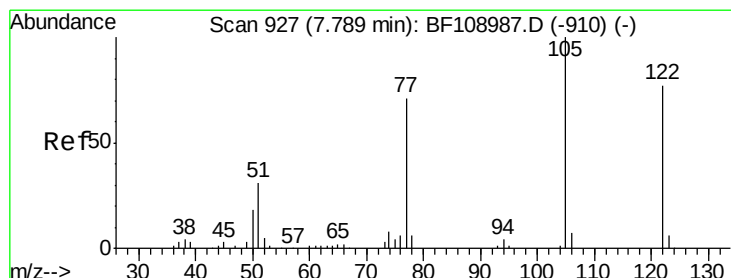
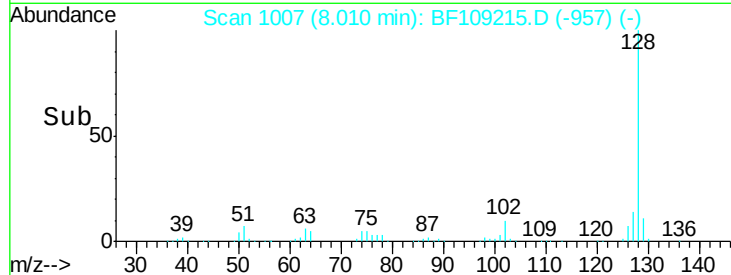
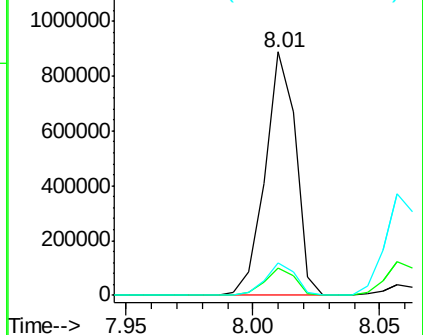
#31
Naphthalene
Concen: 38.30 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 753076
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3

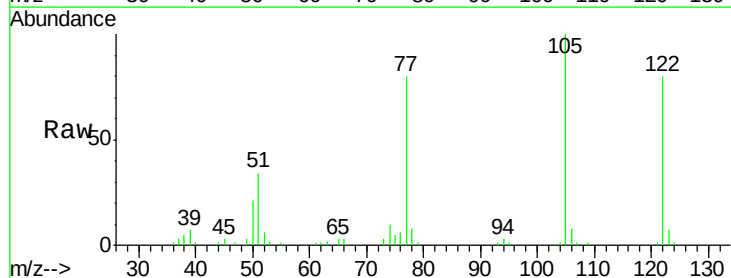


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

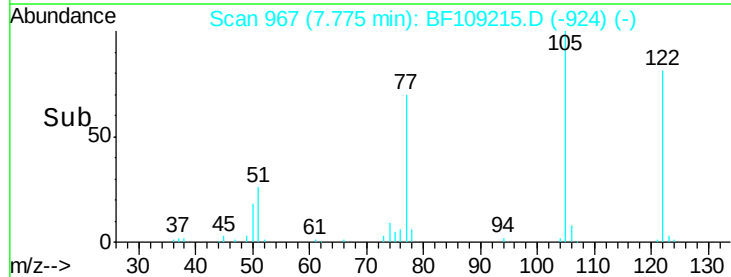
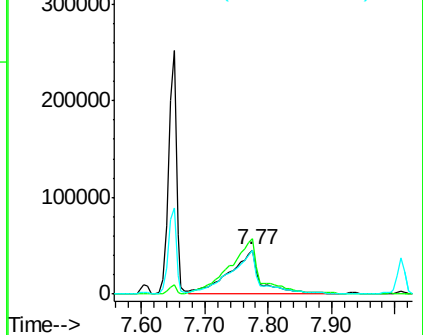


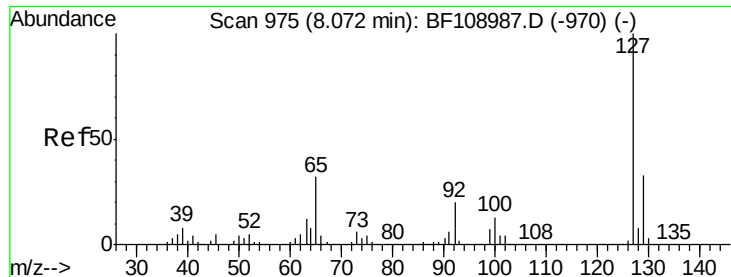
#32
Benzoic acid
Concen: 40.47 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:122 Resp: 149080
Ion Ratio Lower Upper
122 100
105 124.7 101.1 141.1
77 99.3 70.7 110.7



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

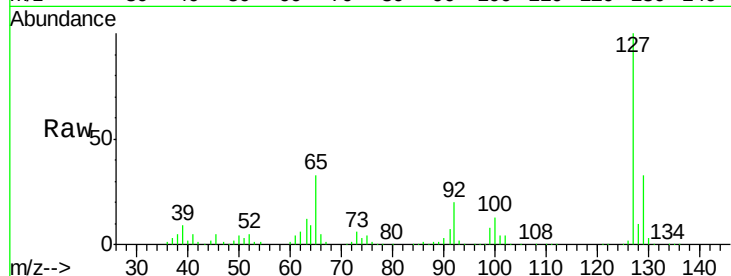




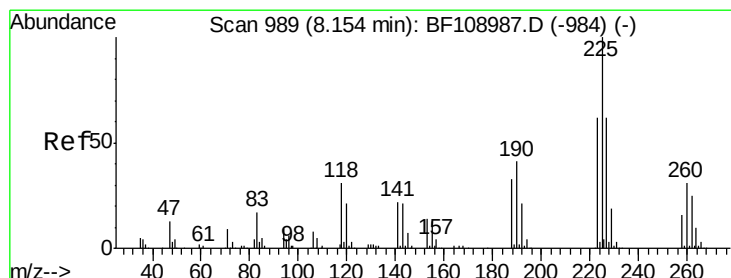
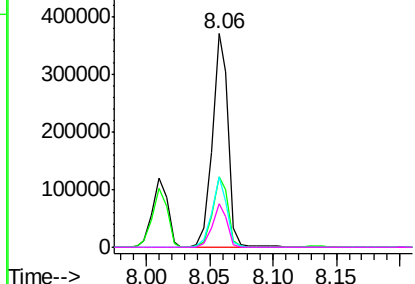
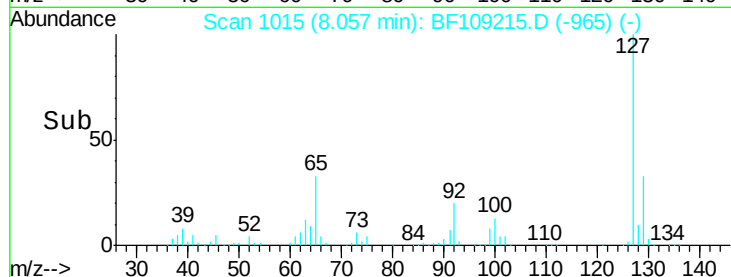
#33
4-Chloroaniline
Concen: 38.16 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	327754
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	33.0	25.0	37.4
92	20.2	15.2	22.8

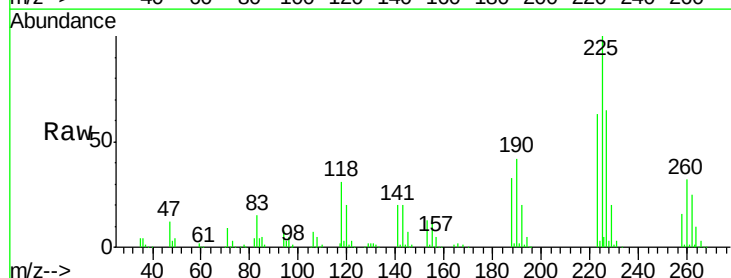


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

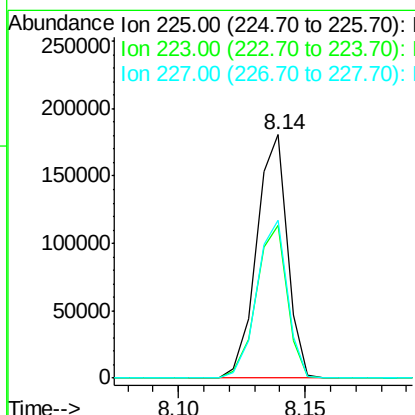
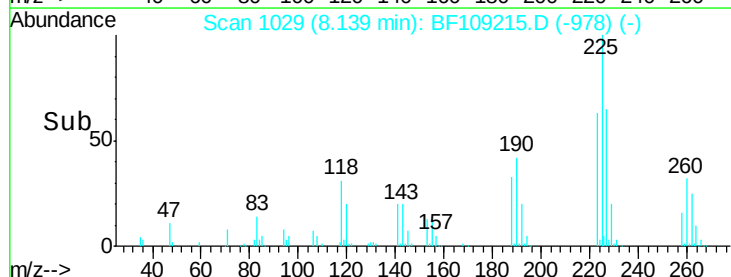


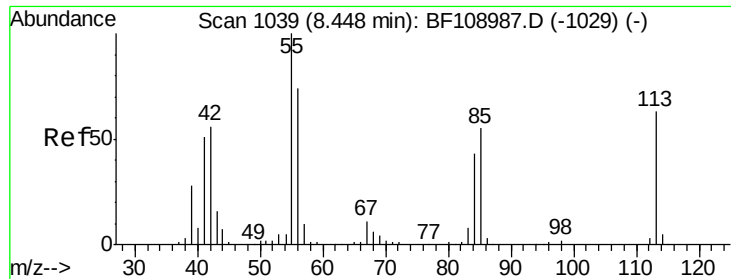
#34
Hexachlorobutadiene
Concen: 38.80 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:	225	Resp:	153587
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.7	51.9	77.9



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

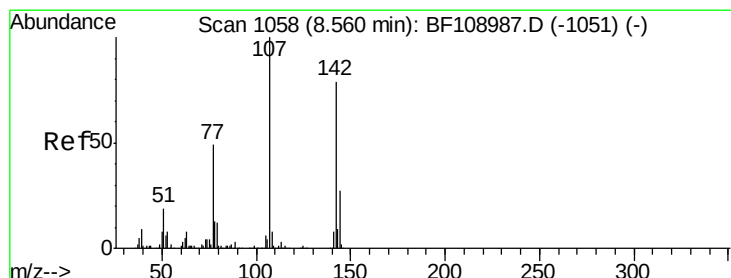
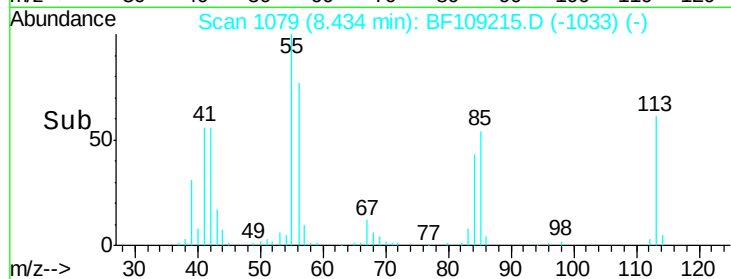
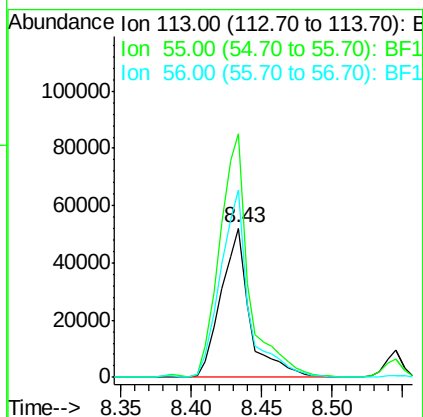
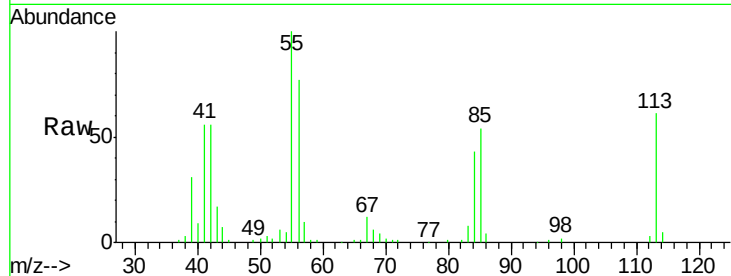




#35
 Caprolactam
 Concen: 39.70 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

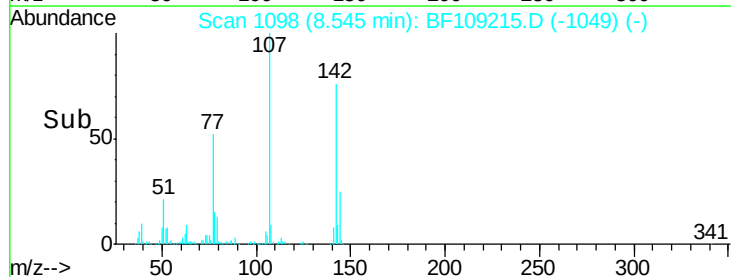
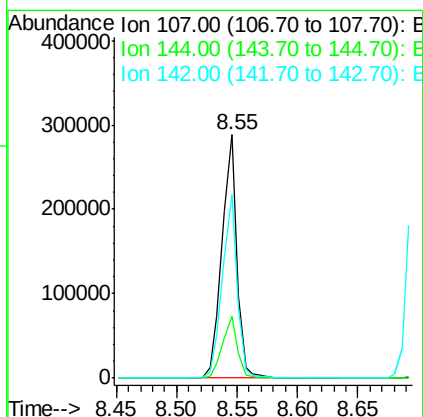
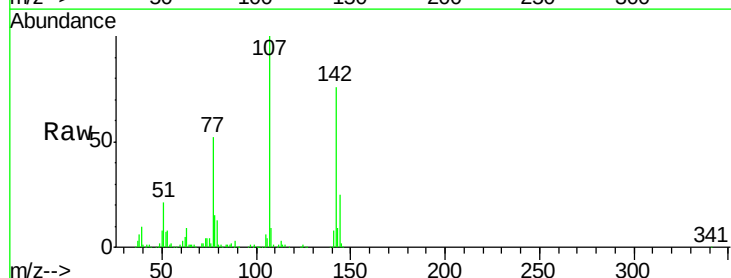
Instrument :
 BNA_F
 ClientSampleId :

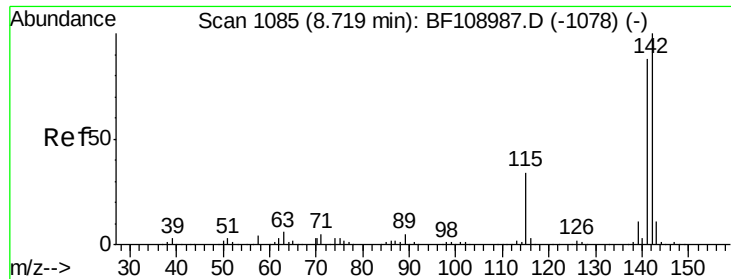
Tot Ion:113 Resp: 74470
 Ion Ratio Lower Upper
 113 100
 55 163.4 163.3 203.3
 56 126.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.80 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion:107 Resp: 246121
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 75.5 62.0 93.0

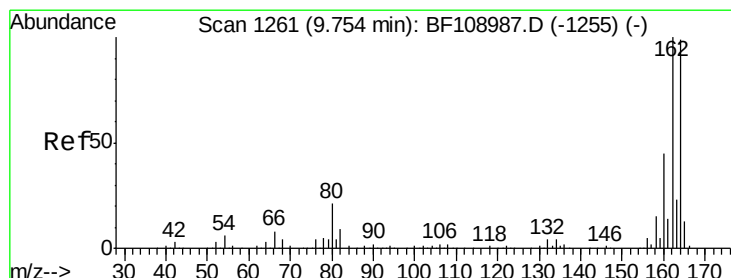
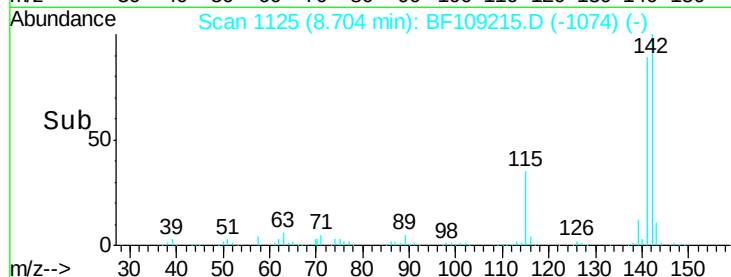
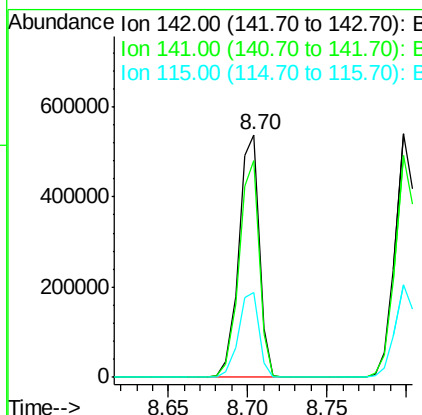
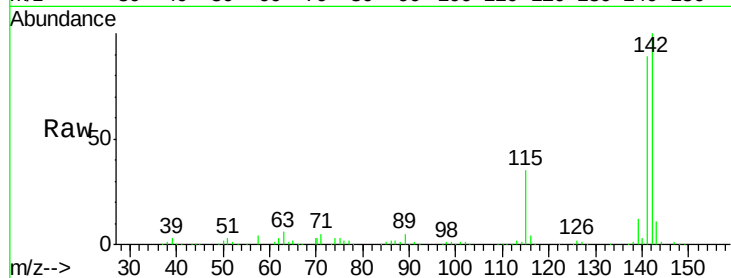




#37
 2-Methylnaphthalene
 Concen: 38.05 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

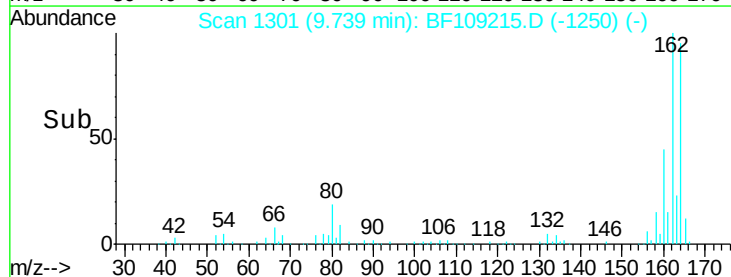
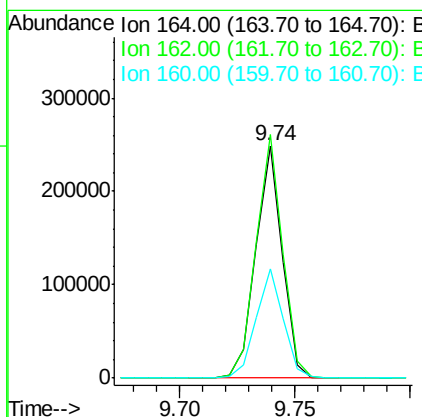
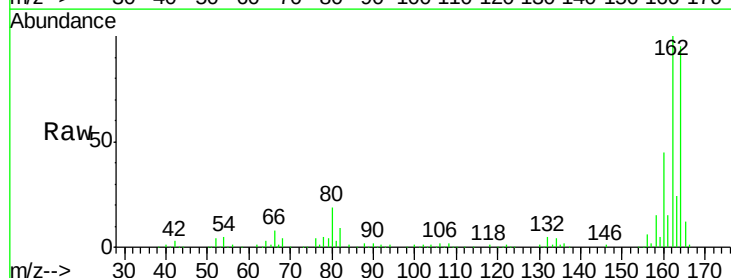
Instrument :
 BNA_F
 ClientSampleId :

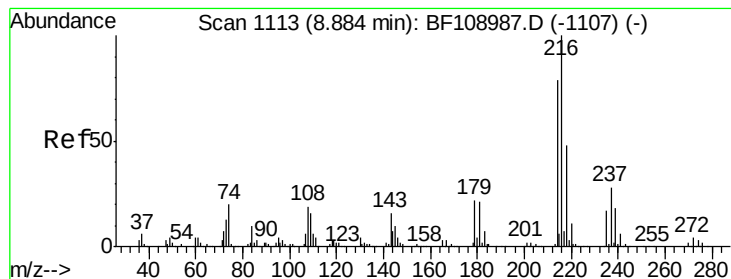
Tot Ion:142 Resp: 482319
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 34.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion:164 Resp: 199474
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 47.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.29 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 243081

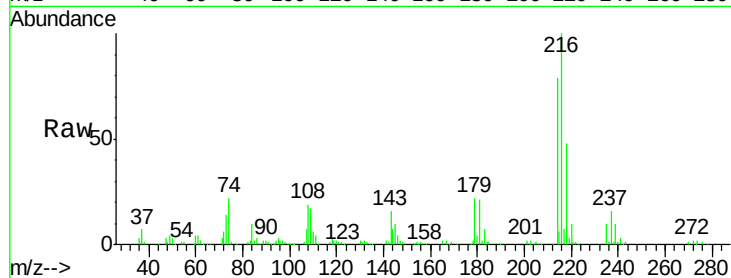
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 21.6 18.1 27.1

108 19.8 17.2 25.8

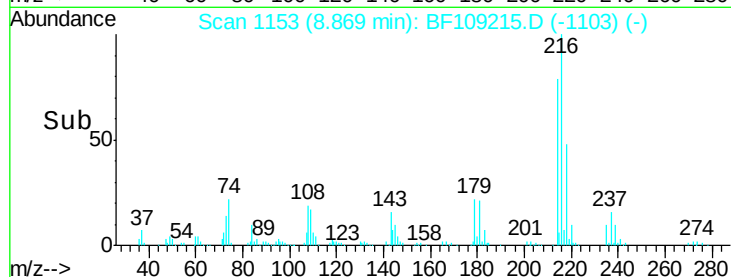


Abundance Ion 216.00 (215.70 to 216.70): E

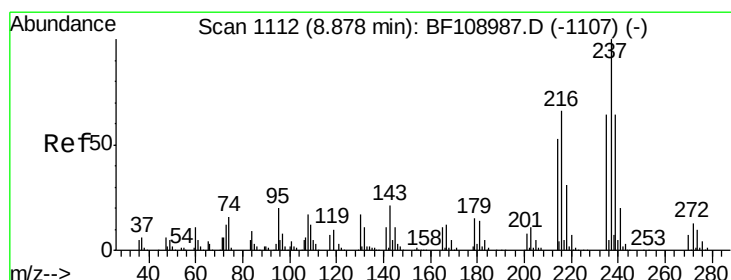
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.80 8.85 8.90



#40

Hexachlorocyclopentadiene

Concen: 42.42 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

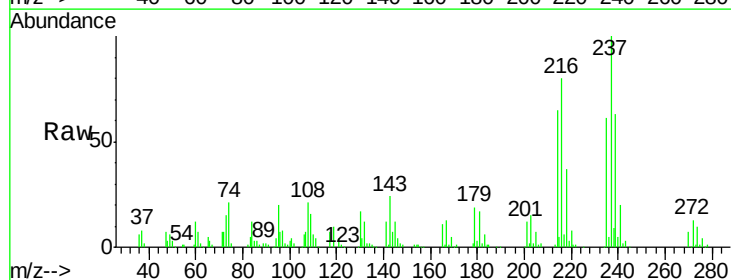
Tgt Ion:237 Resp: 117462

Ion Ratio Lower Upper

237 100

235 60.9 44.8 84.8

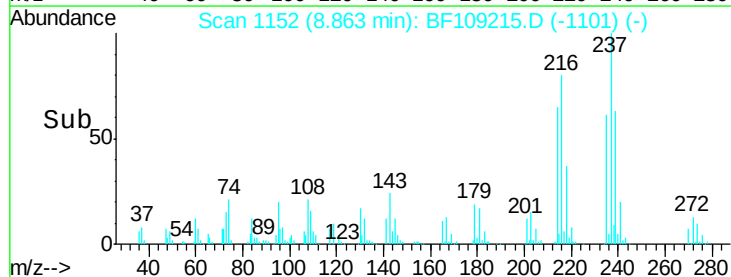
272 13.2 0.0 33.3



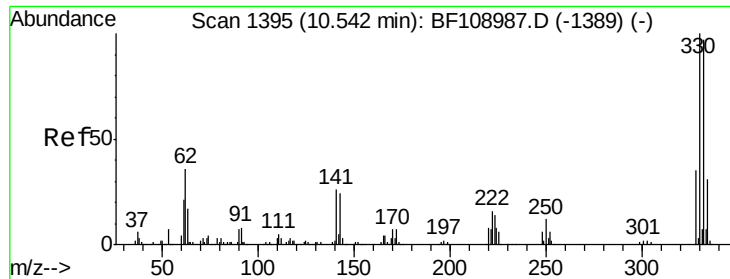
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 8.80 8.85 8.90



#41

2,4,6-Tribromophenol

Concen: 81.49 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

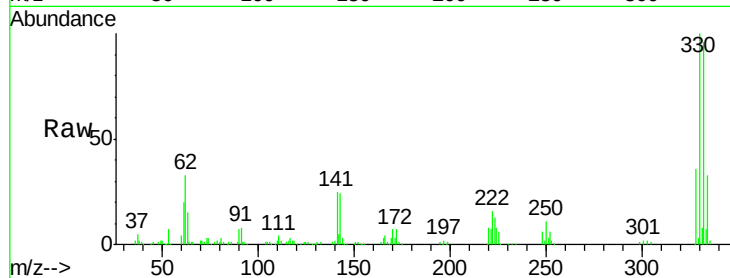
Tot Ion:330 Resp: 160250

Ion Ratio Lower Upper

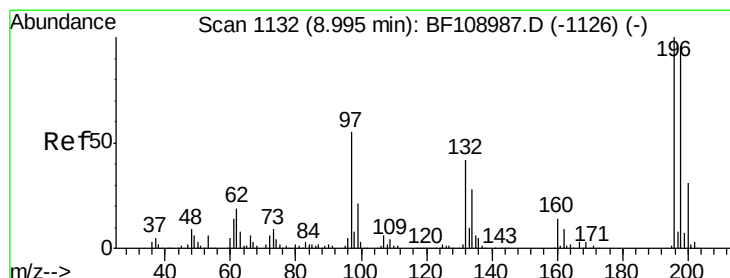
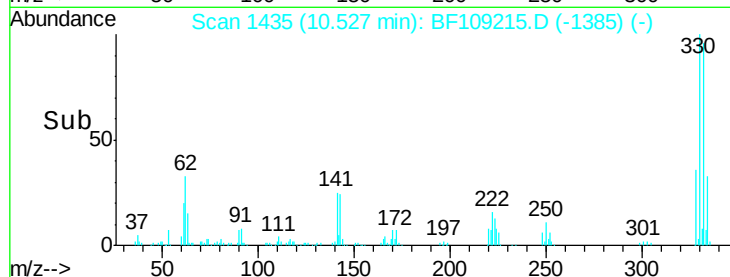
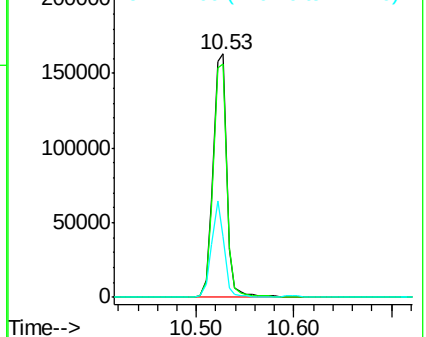
330 100

332 96.0 77.0 115.6

141 35.4 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 40.54 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

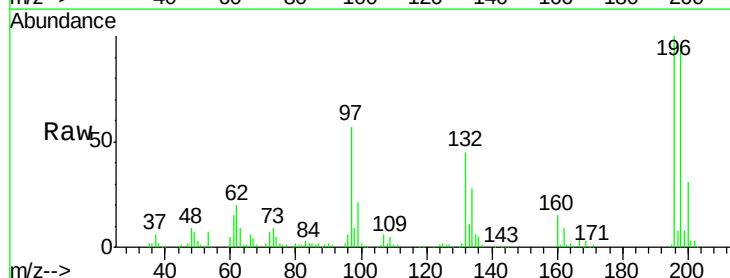
Tgt Ion:196 Resp: 165156

Ion Ratio Lower Upper

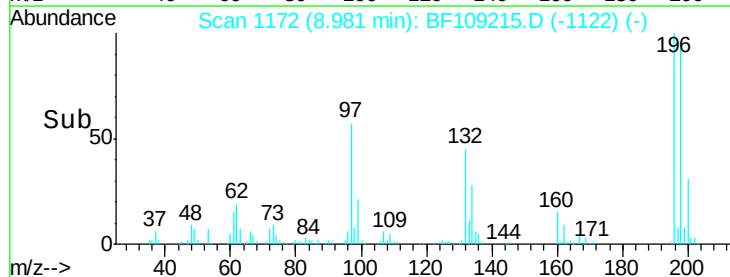
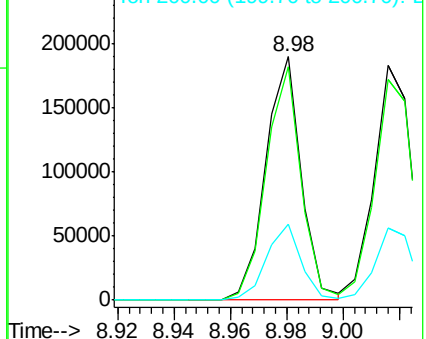
196 100

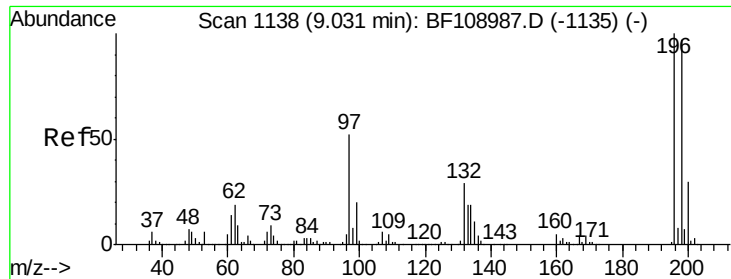
198 95.9 75.7 113.5

200 31.1 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

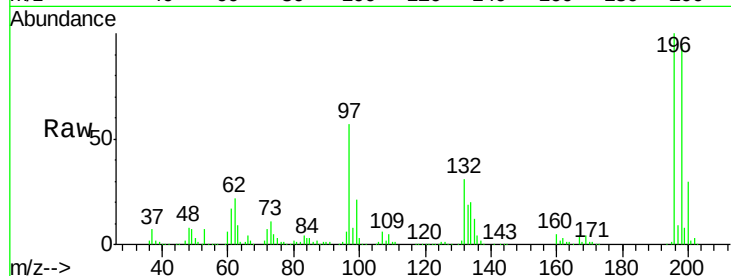




#43
 2,4,5-Trichlorophenol
 Concen: 39.82 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	57.5	42.9	64.3
132	31.0	26.3	39.5



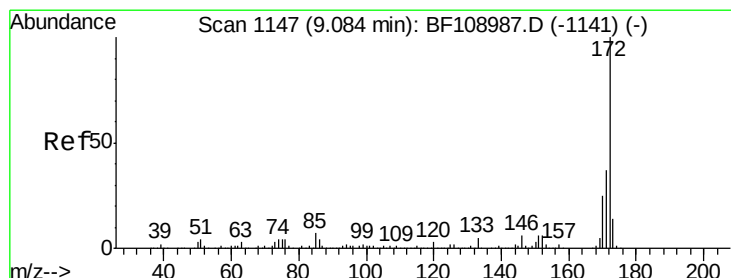
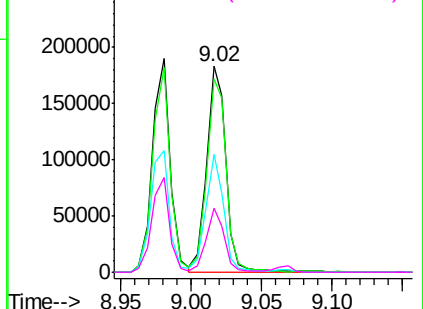
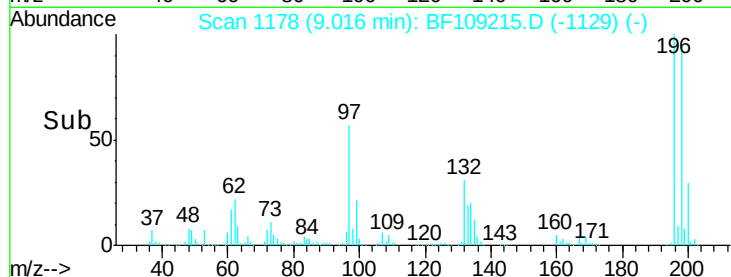
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

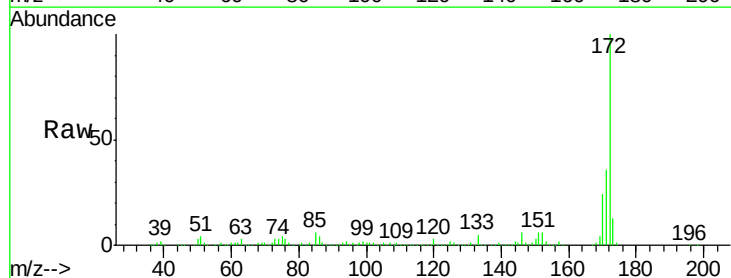
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.77 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4

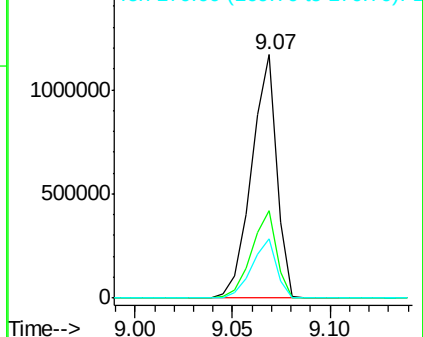
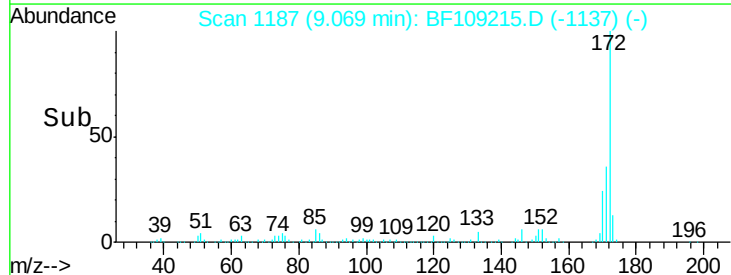


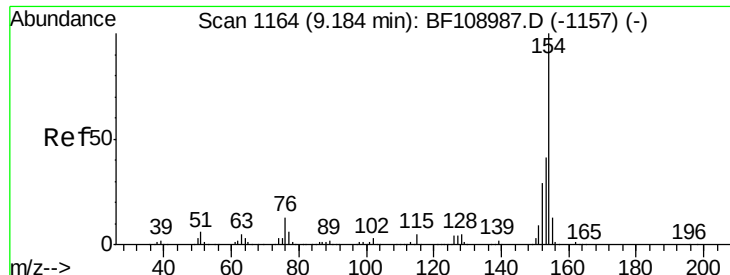
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.60 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampled :

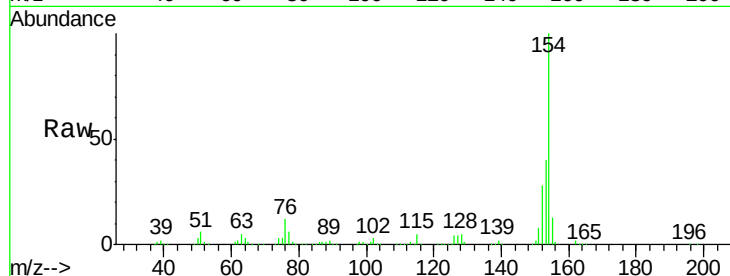
Tot Ion:154 Resp: 627412

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

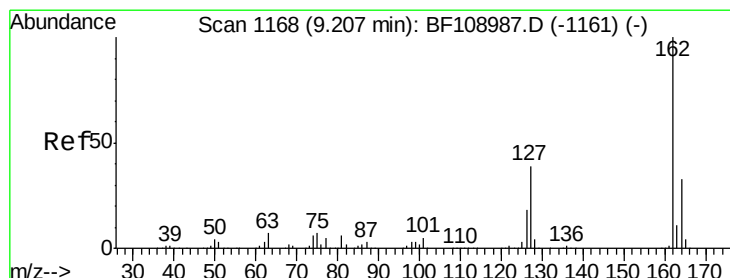
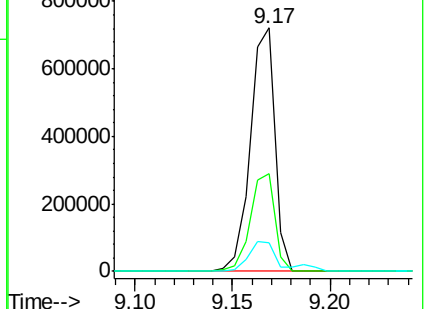
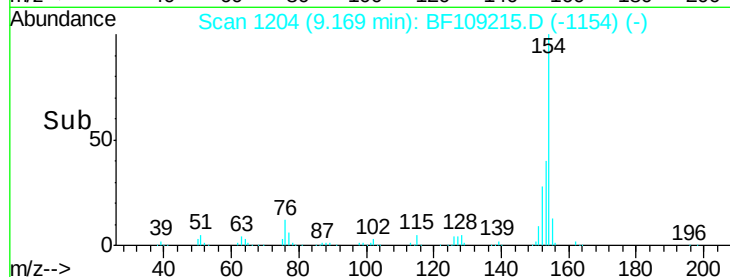
76 11.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.91 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

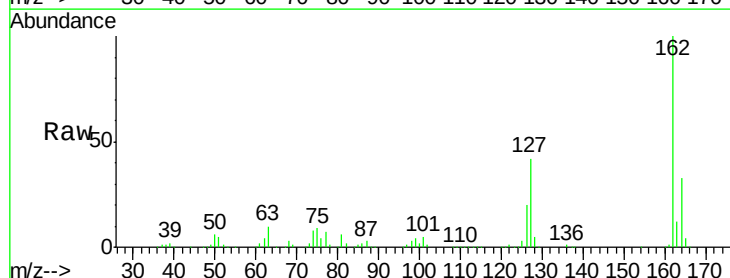
Tgt Ion:162 Resp: 505132

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

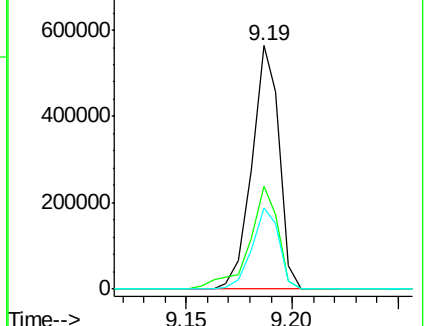
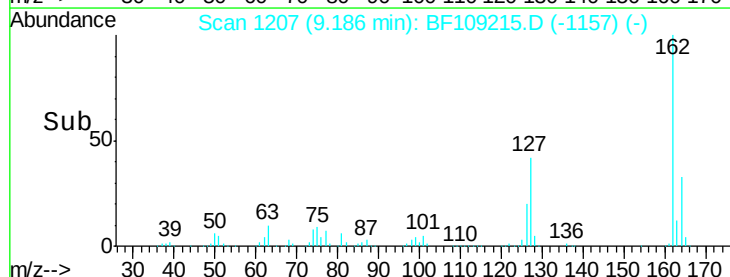
164 33.4 26.5 39.7

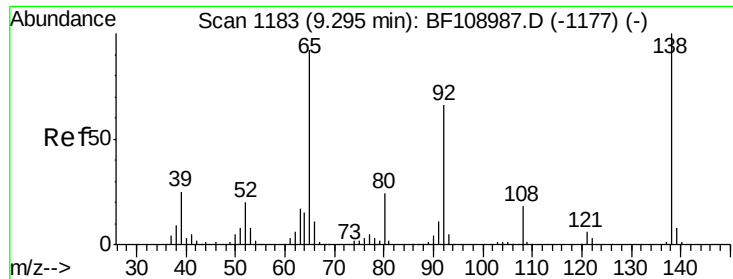


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

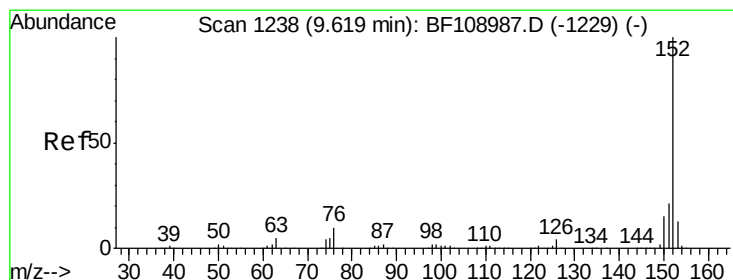
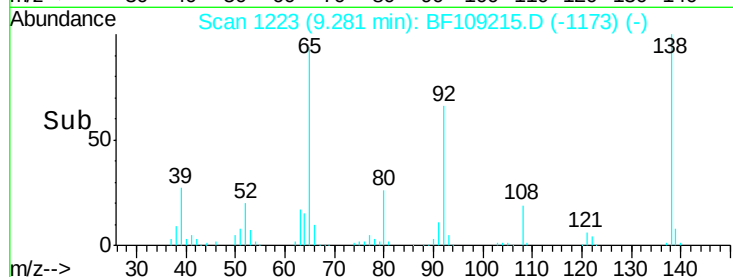
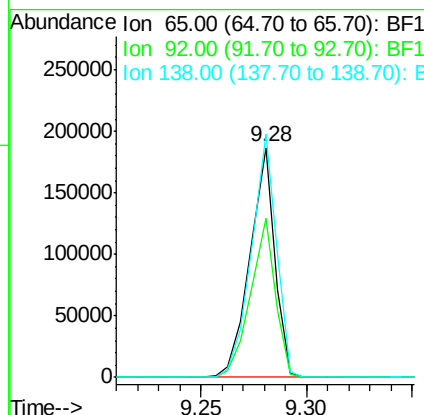
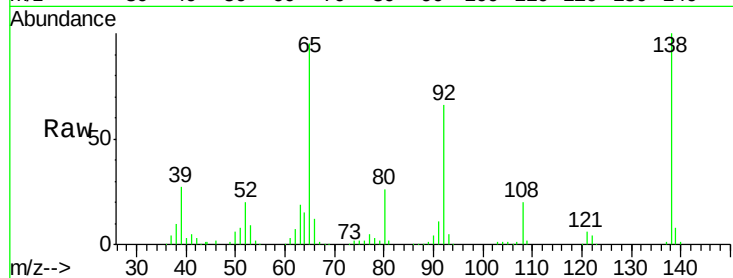




#47
2-Nitroaniline
Concen: 41.80 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

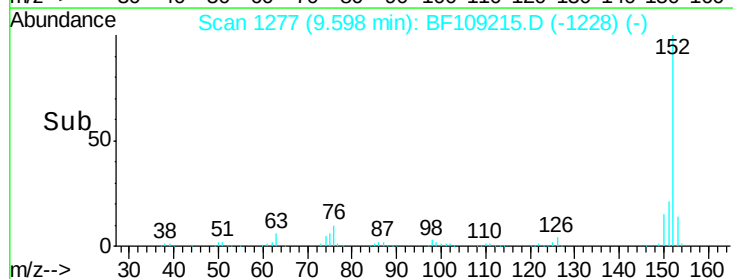
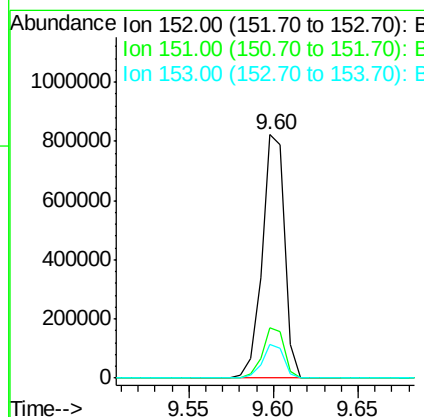
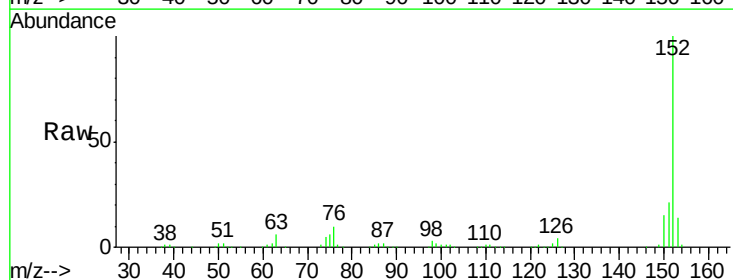
Instrument :
BNA_F
ClientSampled :

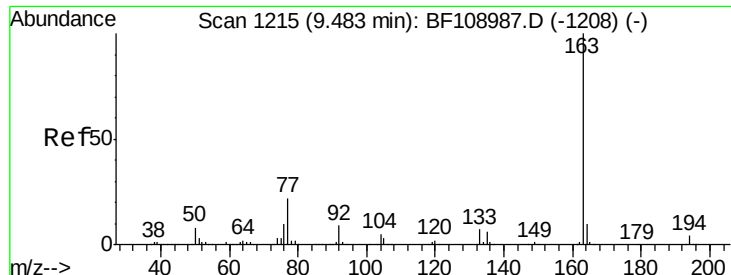
Tot Ion: 65 Resp: 153878
Ion Ratio Lower Upper
65 100
92 69.4 55.8 83.6
138 105.8 91.2 136.8



#48
Acenaphthylene
Concen: 38.77 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion: 152 Resp: 759452
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.6 10.7 16.1

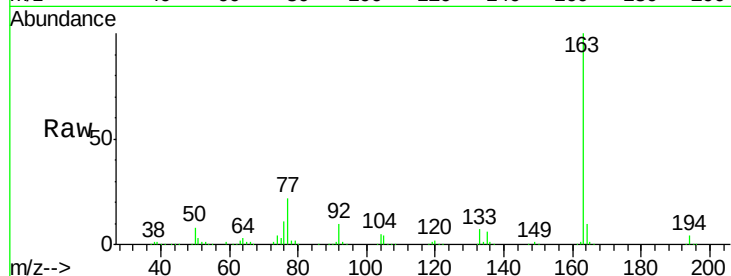




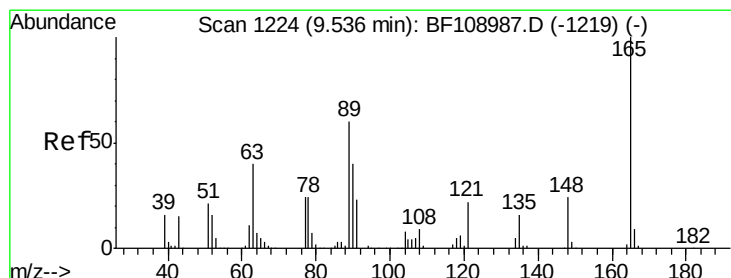
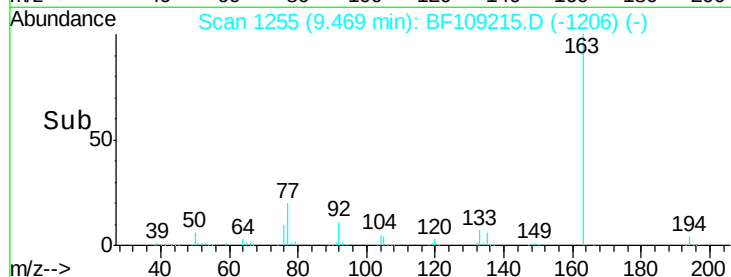
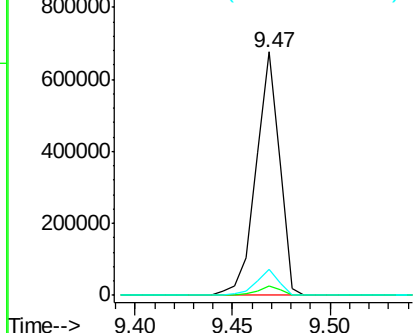
#49
Dimethylphthalate
Concen: 38.78 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 562681
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

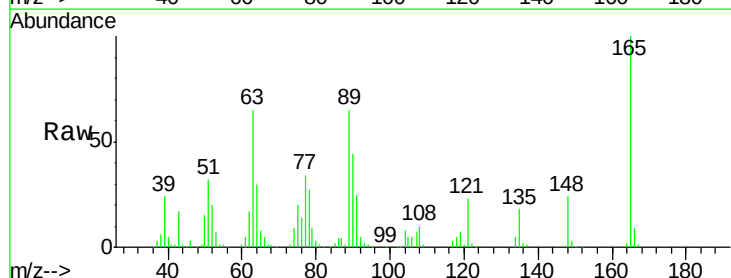


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

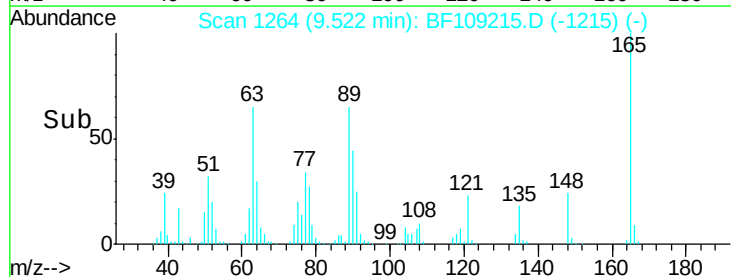
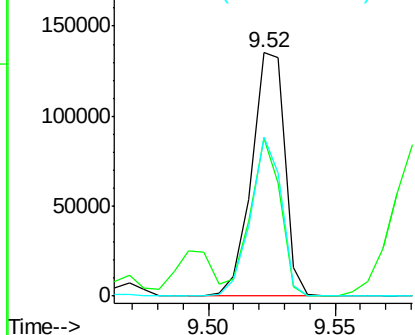


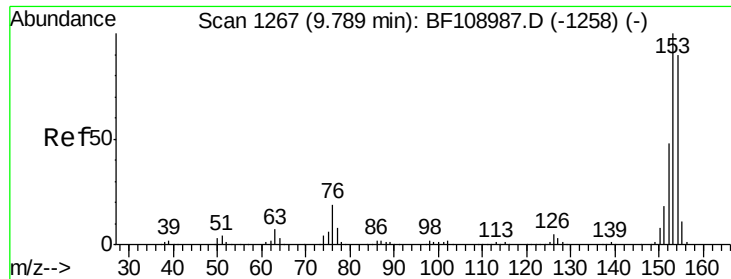
#50
2,6-Dinitrotoluene
Concen: 43.02 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:165 Resp: 123620
Ion Ratio Lower Upper
165 100
63 65.0 44.7 67.1
89 65.3 44.0 66.0



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

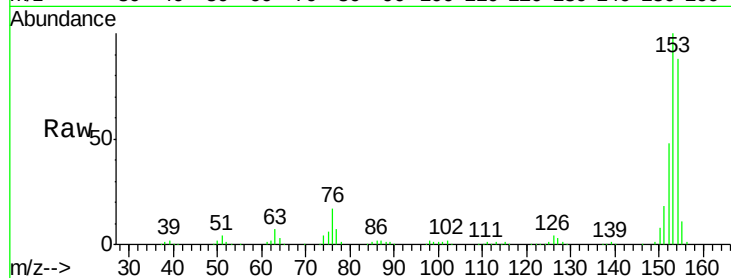




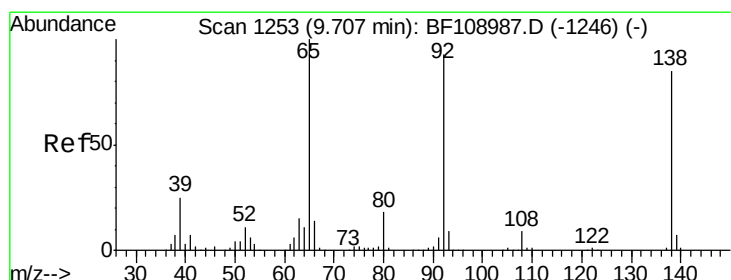
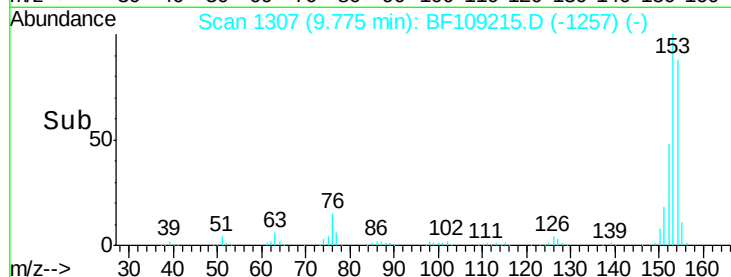
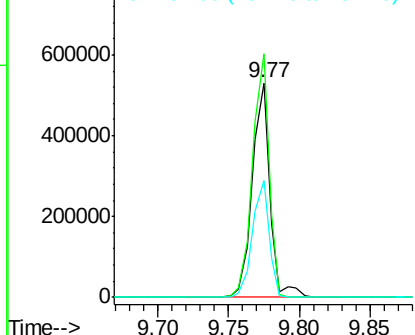
#51
Acenaphthene
Concen: 39.46 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 467308
Ion Ratio Lower Upper
154 100
153 113.7 91.2 136.8
152 54.7 43.8 65.8

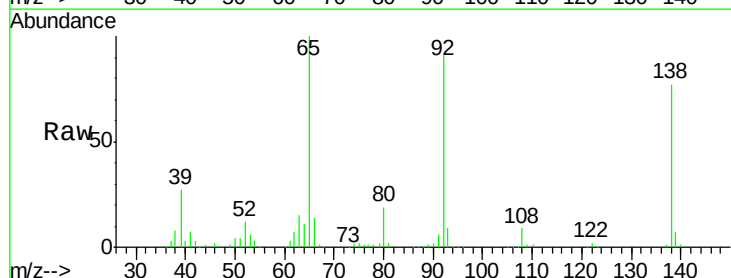


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

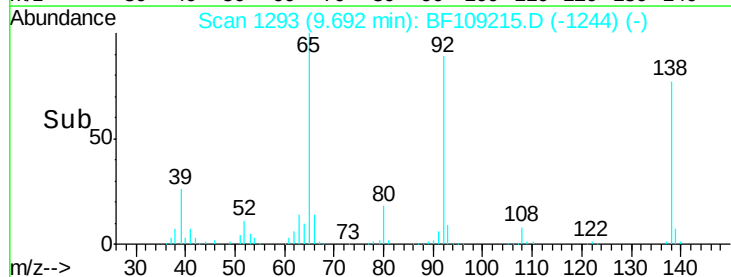
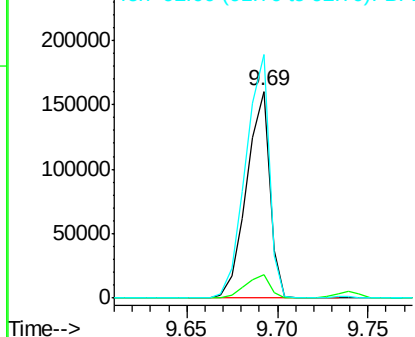


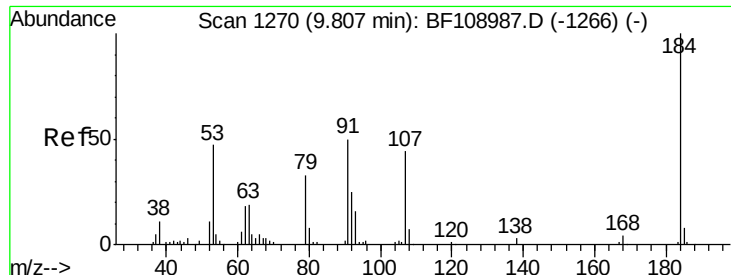
#52
3-Nitroaniline
Concen: 43.18 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:138 Resp: 143699
Ion Ratio Lower Upper
138 100
108 11.1 9.4 14.0
92 117.9 89.4 134.2



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

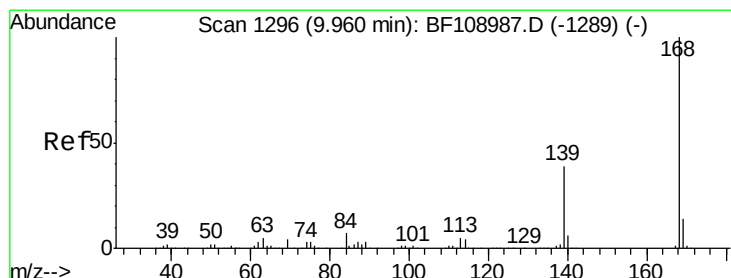
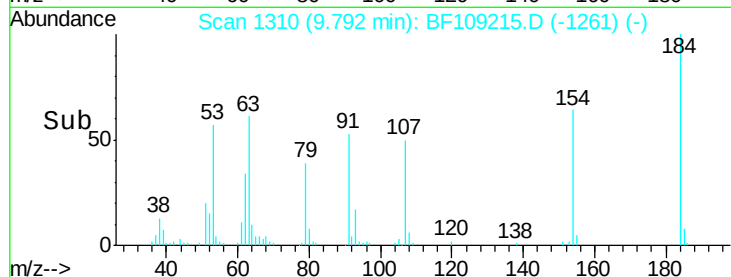
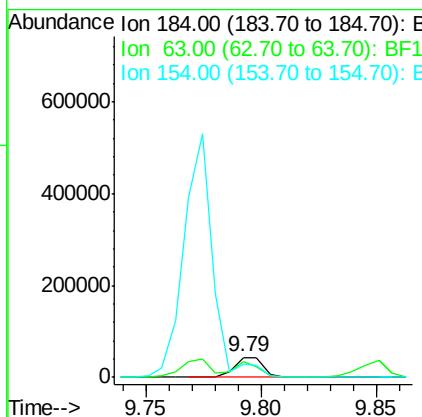
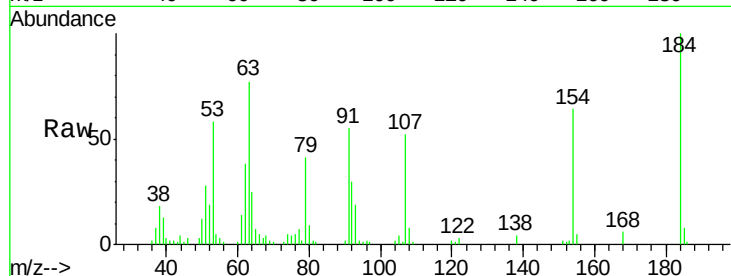




#53
 2,4-Dinitrophenol
 Concen: 42.18 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

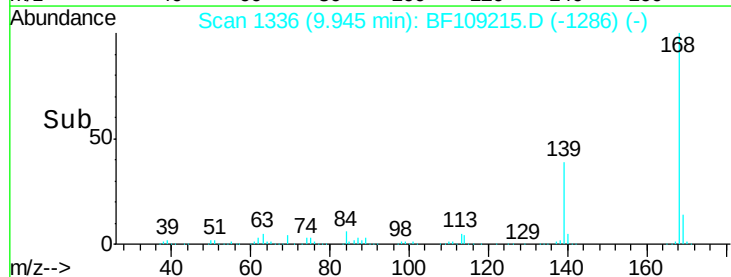
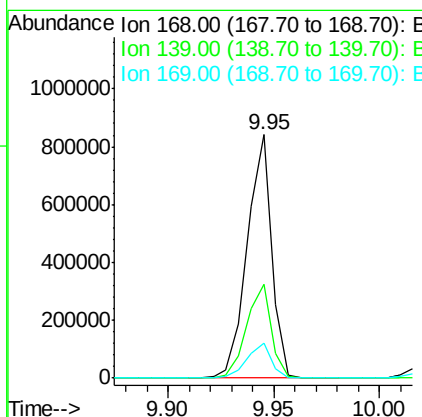
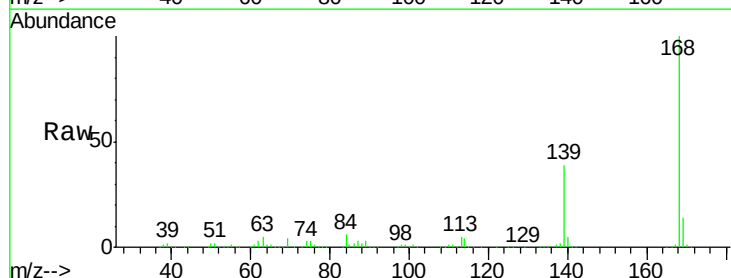
Instrument :
 BNA_F
 ClientSampleId :

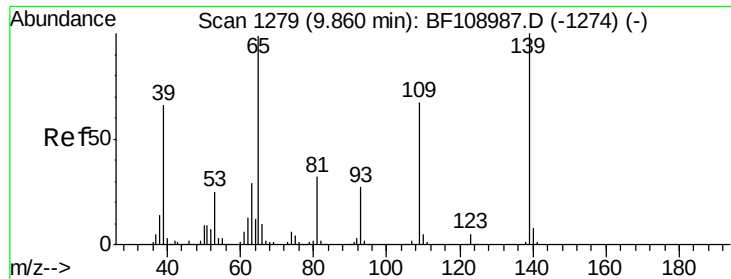
Tot Ion:184 Resp: 38401
 Ion Ratio Lower Upper
 184 100
 63 76.8 54.2 81.2
 154 64.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.54 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion:168 Resp: 678760
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.1 45.1
 169 14.2 10.9 16.3

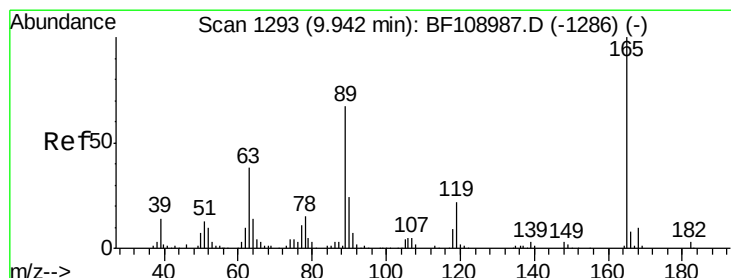
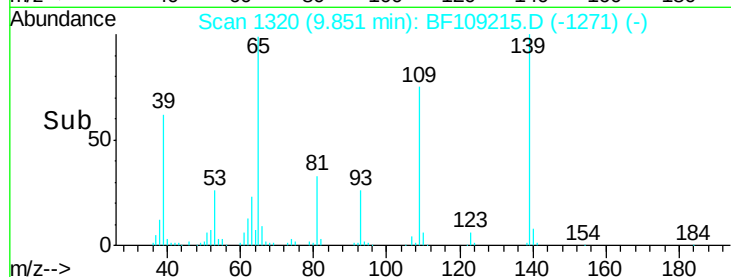
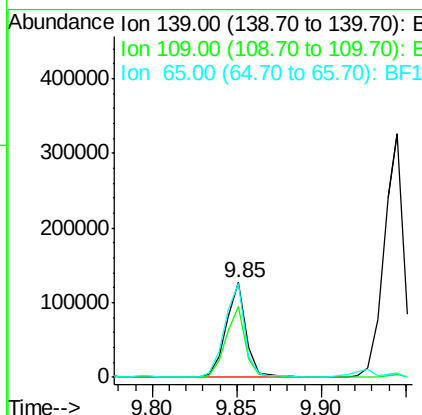
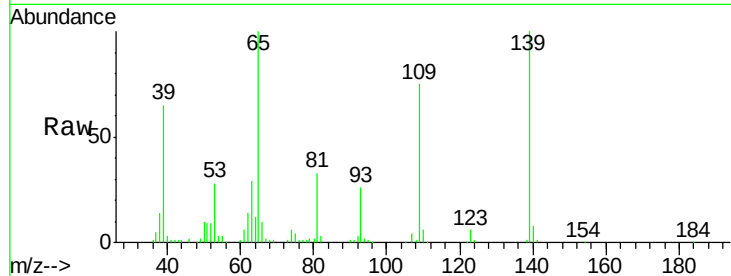




#55
4-Nitrophenol
Concen: 41.97 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

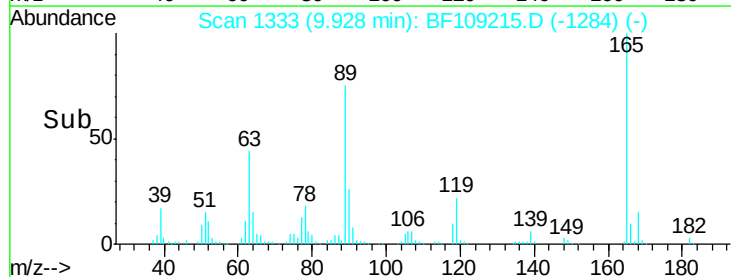
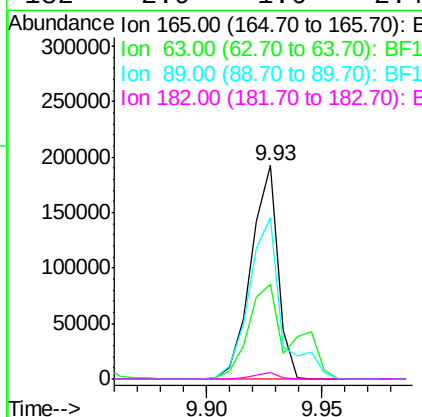
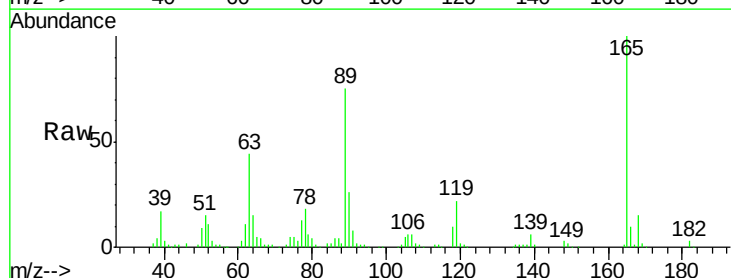
Instrument :
BNA_F
ClientSampleId :

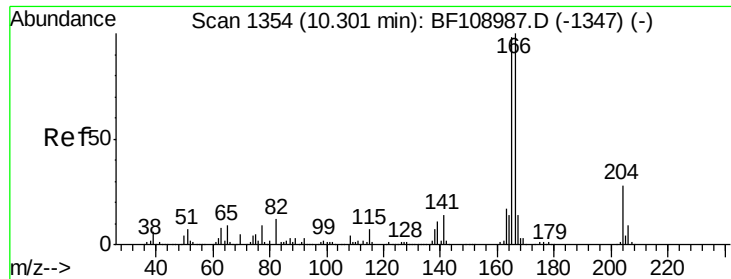
Tot Ion:139 Resp: 105200
Ion Ratio Lower Upper
139 100
109 75.2 48.4 88.4
65 99.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.29 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:165 Resp: 157391
Ion Ratio Lower Upper
165 100
63 44.2 36.4 54.6
89 75.5 57.8 86.6
182 2.9 1.6 2.4#

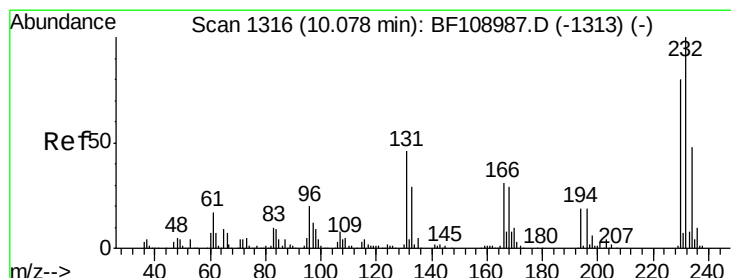
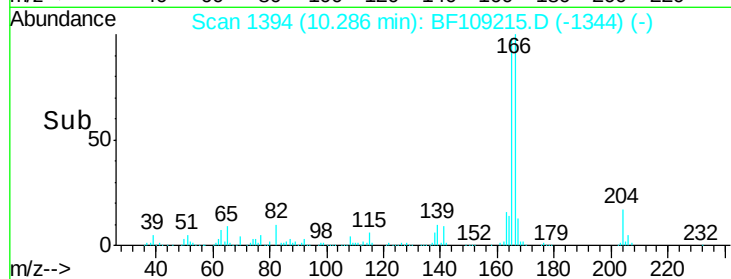
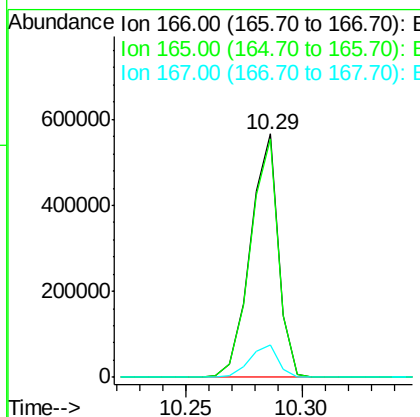
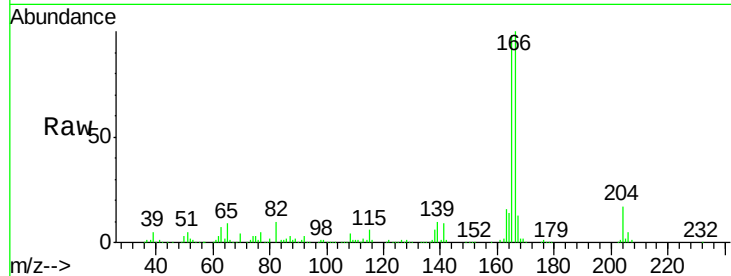




#57
 Fluorene
 Concen: 38.09 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

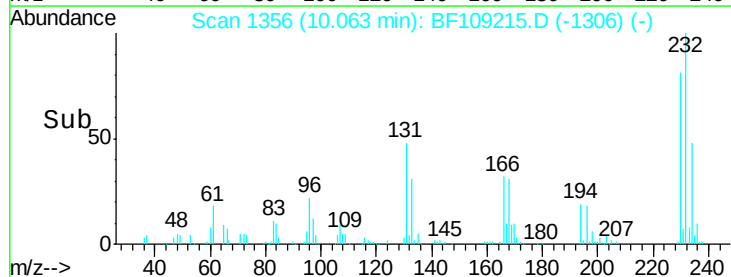
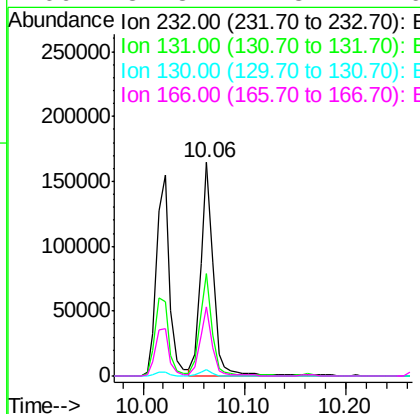
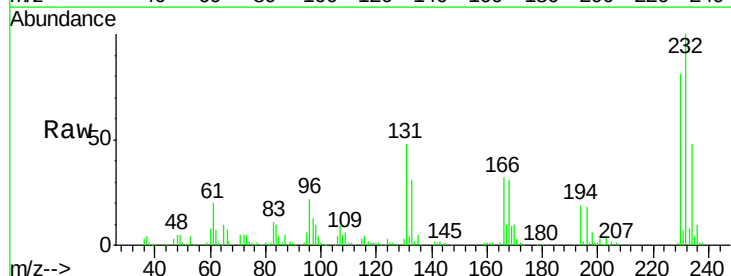
Instrument :
 BNA_F
 ClientSampleId :

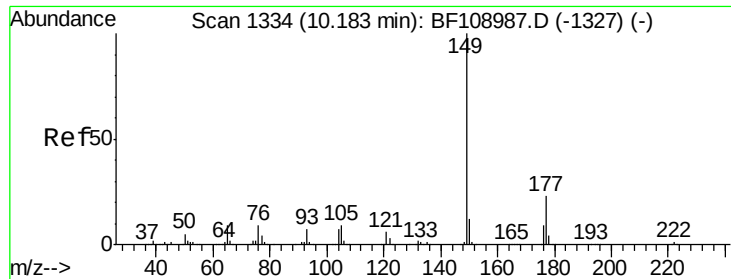
Tot Ion:166 Resp: 478609
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.22 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion:232 Resp: 140428
 Ion Ratio Lower Upper
 232 100
 131 46.5 43.8 65.8
 130 2.3 2.1 3.1
 166 31.8 27.8 41.6

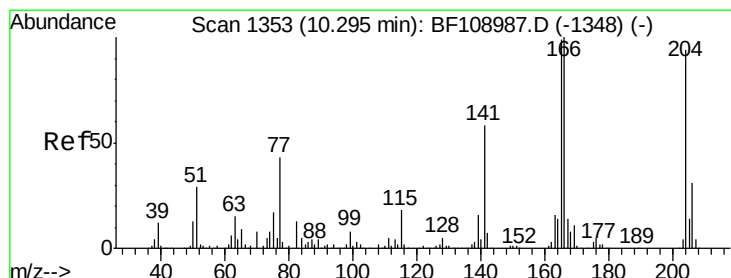
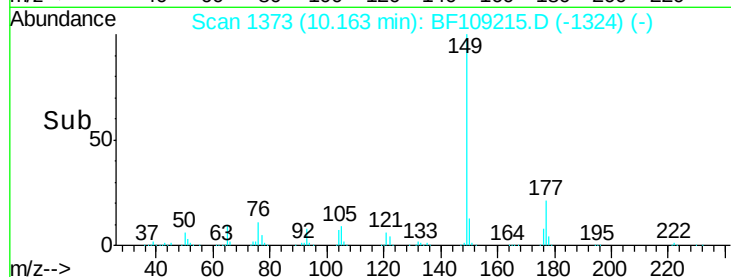
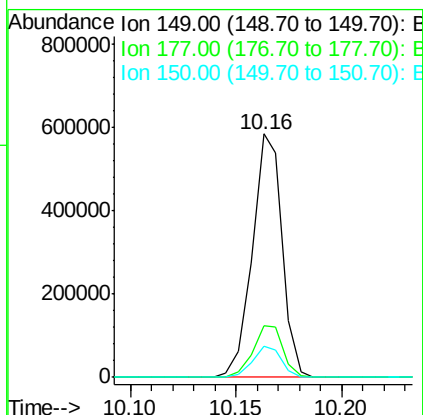
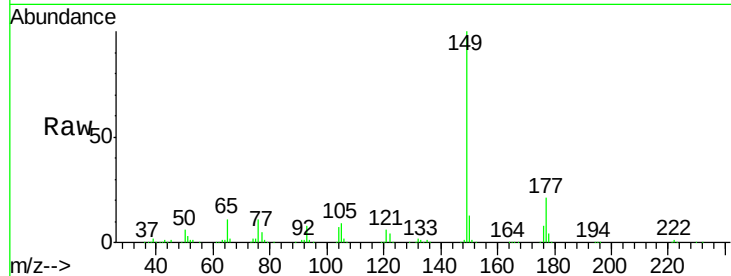




#59
Diethylphthalate
Concen: 38.91 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

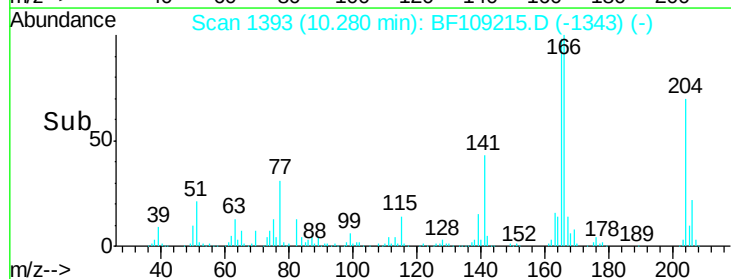
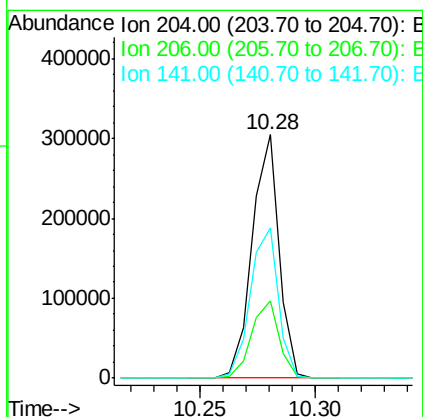
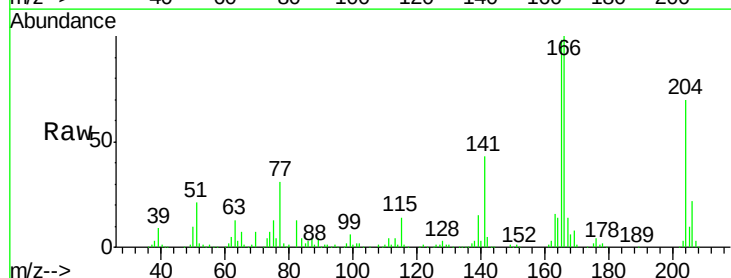
Instrument :
BNA_F
ClientSampleId :

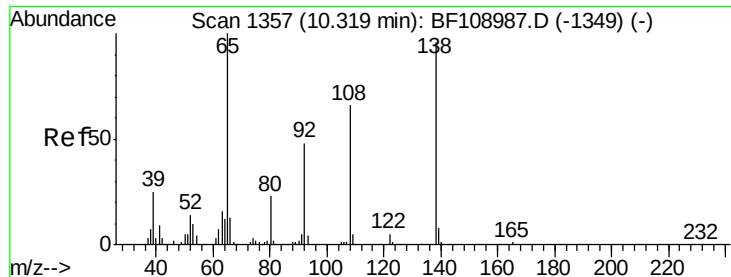
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.7	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.96 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	61.8	54.6	81.8

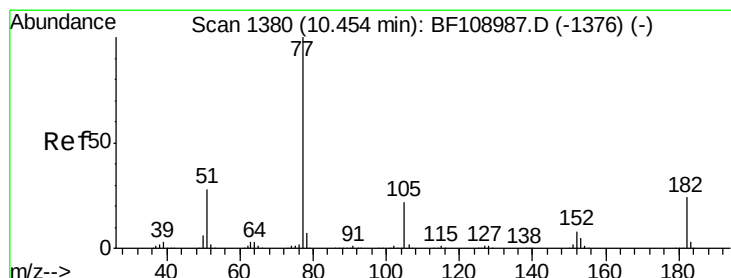
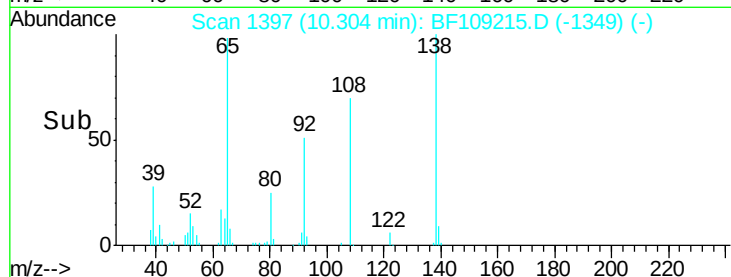
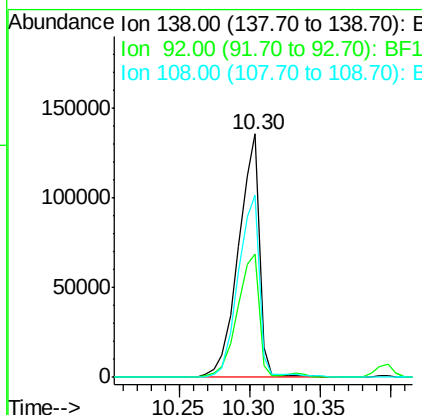
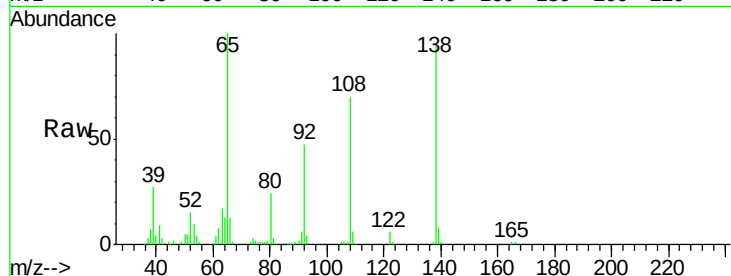




#61
4-Nitroaniline
Concen: 43.14 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

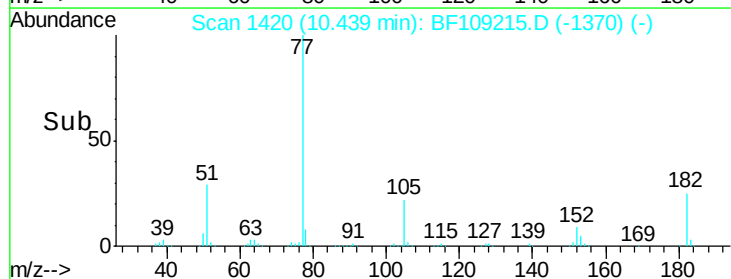
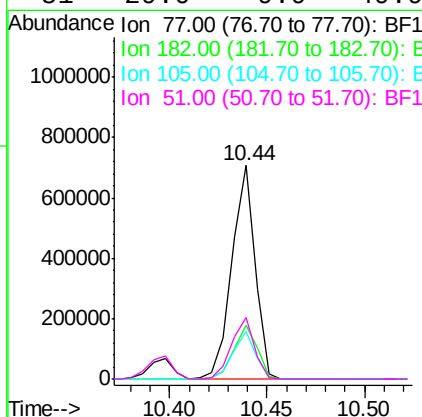
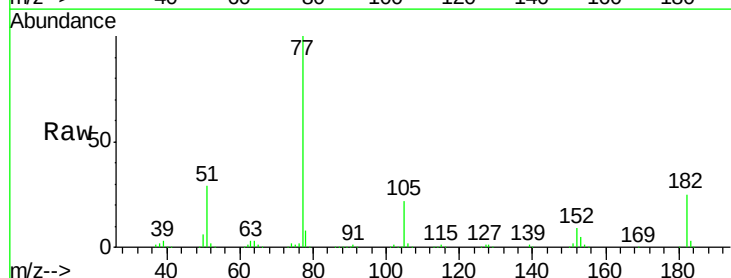
Instrument :
BNA_F
ClientSampleId :

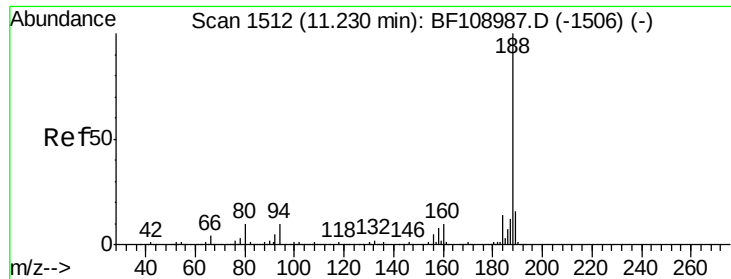
Tot Ion:138 Resp: 140004
Ion Ratio Lower Upper
138 100
92 50.6 30.2 70.2
108 74.6 52.5 92.5



#62
Azobenzene
Concen: 38.29 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion: 77 Resp: 584468
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 21.9 3.0 43.0
51 29.0 9.9 49.9

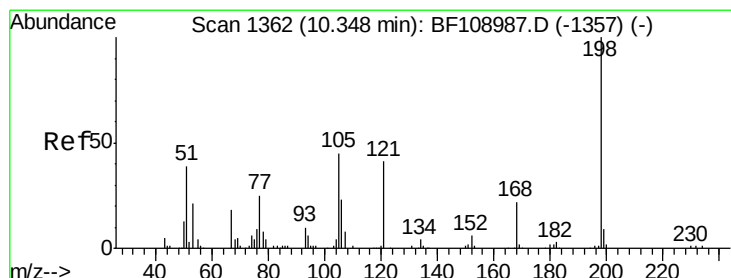
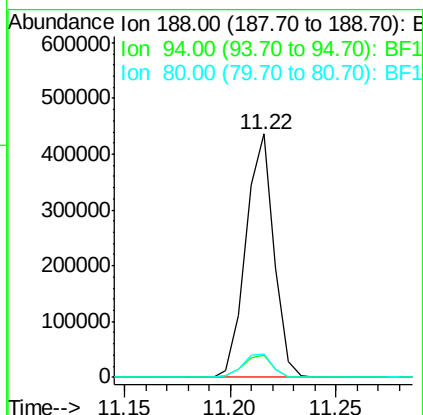
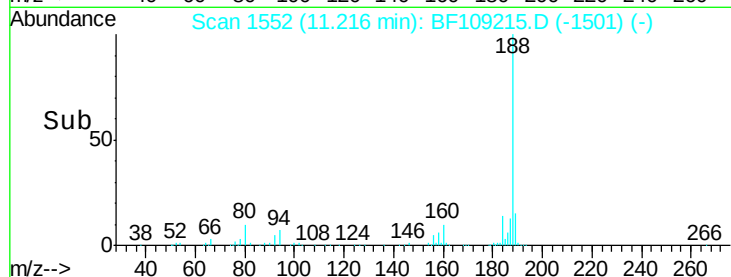
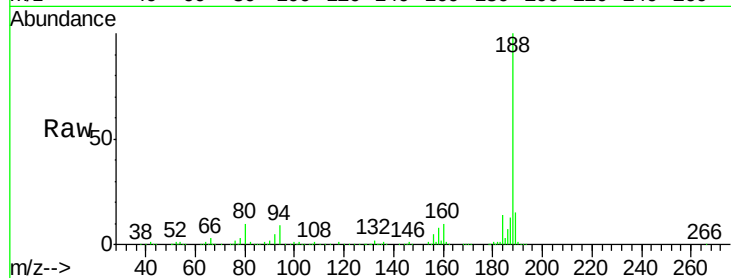




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

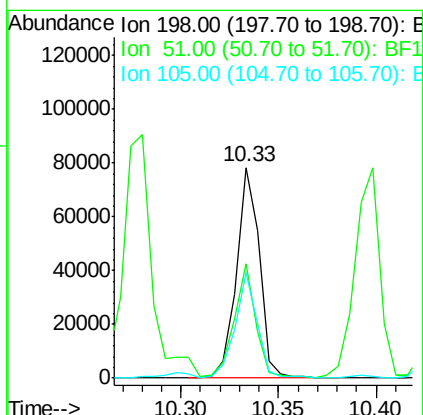
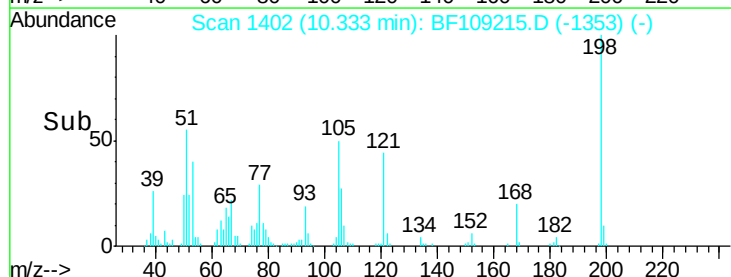
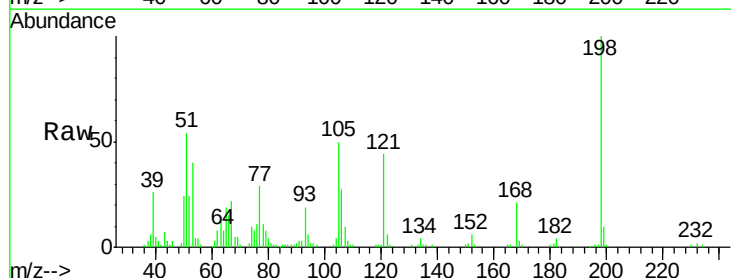
Instrument :
BNA_F
ClientSampled :

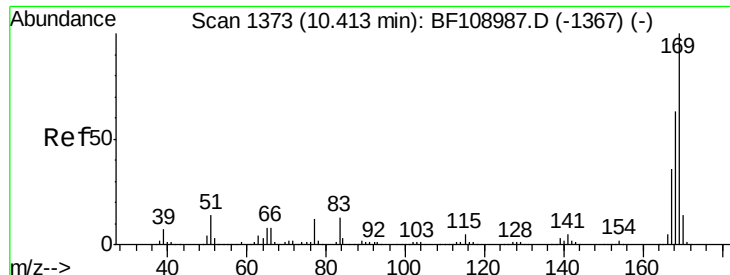
Tot Ion:188 Resp: 400496
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.00 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:198 Resp: 63950
Ion Ratio Lower Upper
198 100
51 54.3 37.7 77.7
105 50.0 36.3 76.3

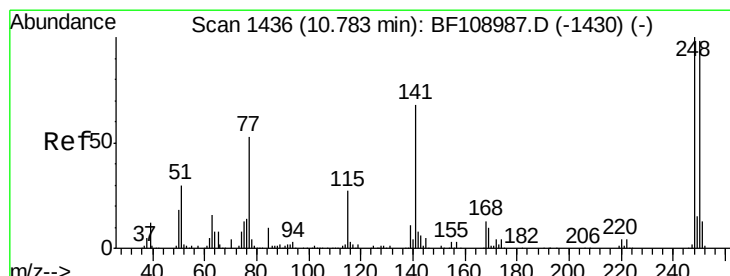
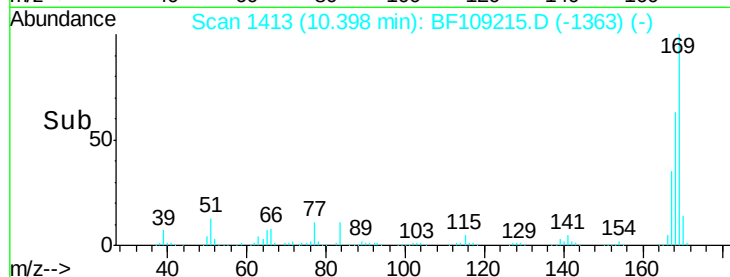
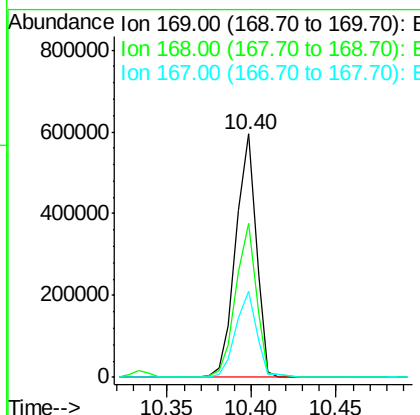
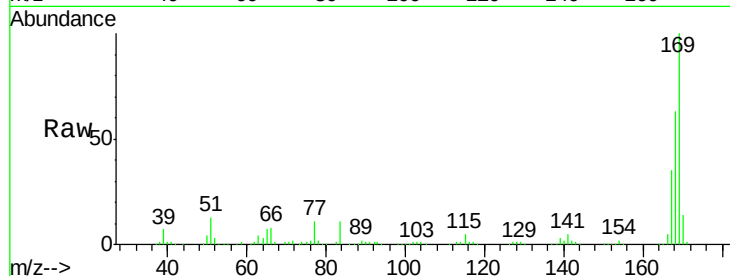




#65
 n-Nitrosodiphenylamine
 Concen: 37.91 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

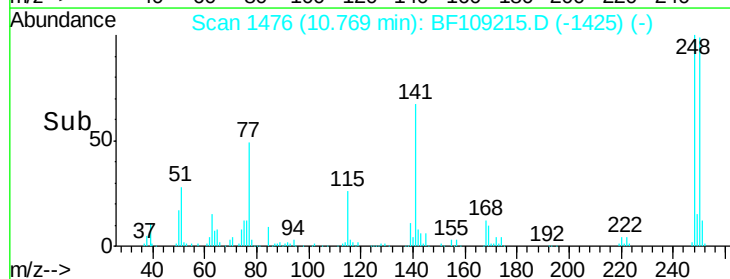
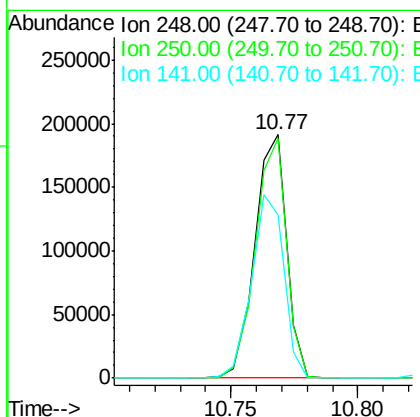
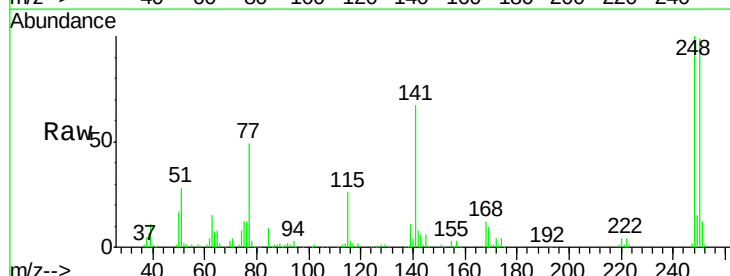
Instrument :
 BNA_F
 ClientSampleId :

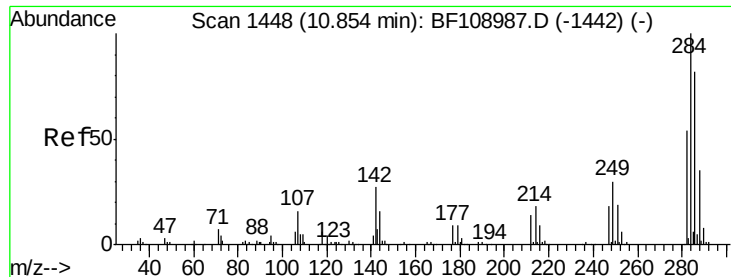
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	35.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.70 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	66.7	74.4	111.6#





#67

Hexachlorobenzene

Concen: 38.01 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampled :

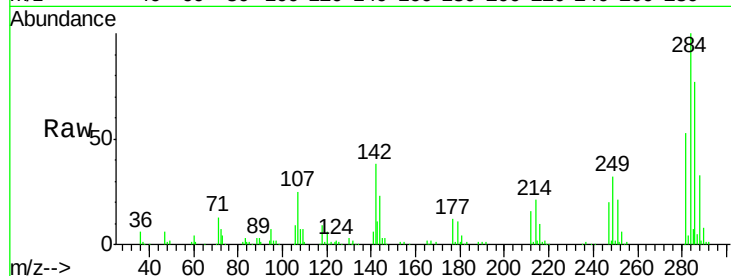
Tot Ion:284 Resp: 179536

Ion Ratio Lower Upper

284 100

142 38.3 34.6 52.0

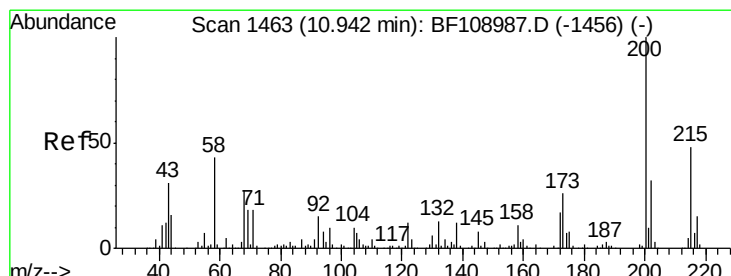
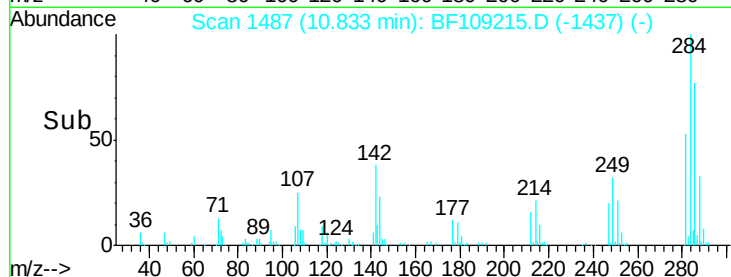
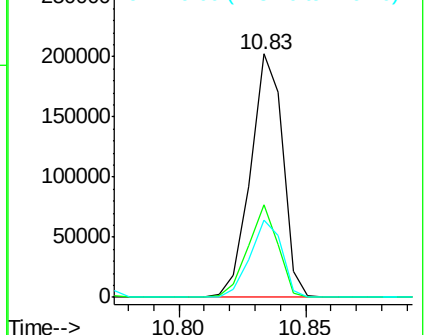
249 31.9 24.8 37.2



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: 39.07 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

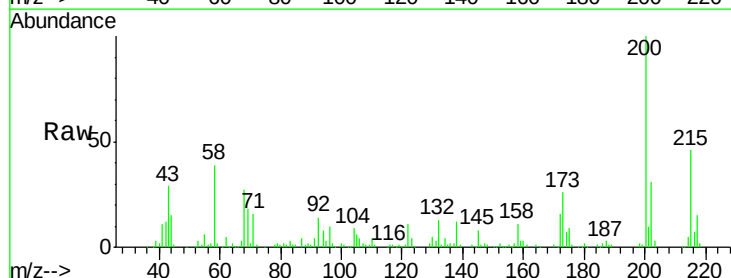
Tgt Ion:200 Resp: 158979

Ion Ratio Lower Upper

200 100

173 26.3 8.6 48.6

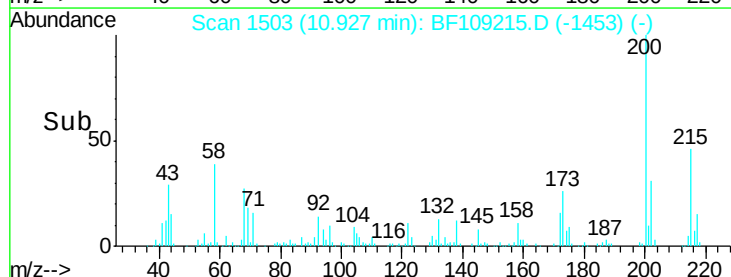
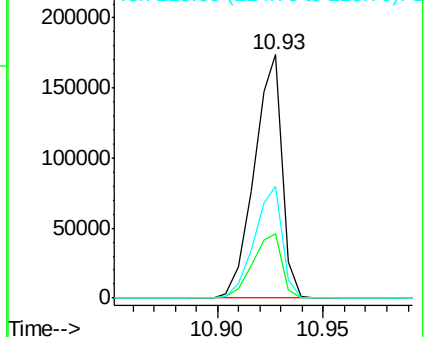
215 45.8 25.1 65.1

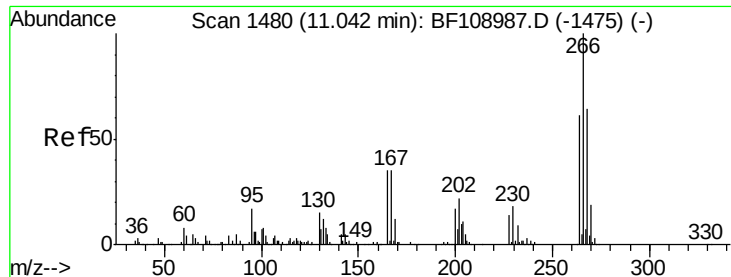


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

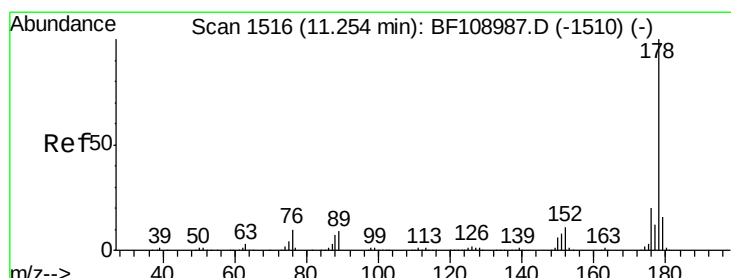
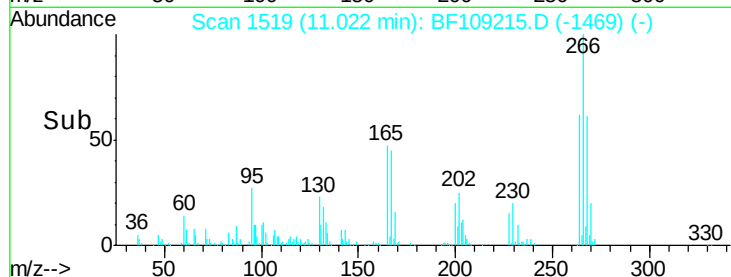
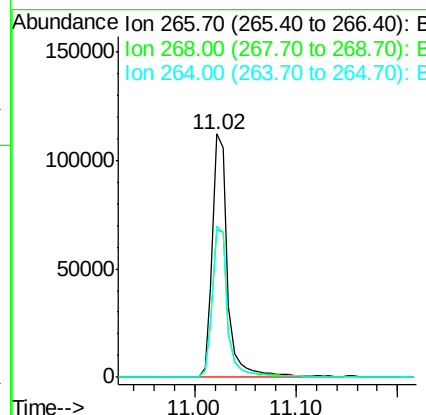
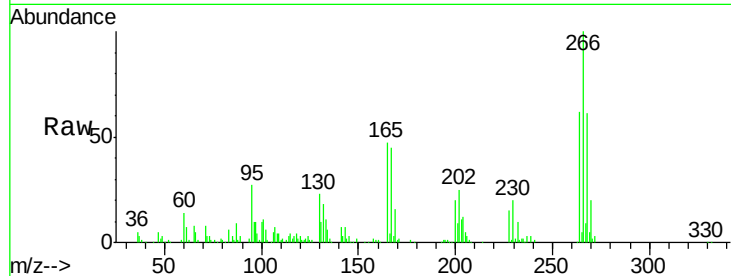




#69
 Pentachlorophenol
 Concen: 42.20 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

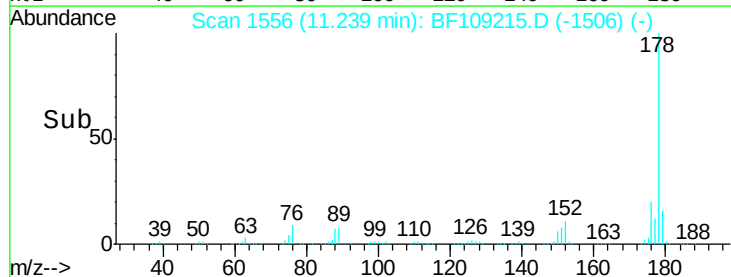
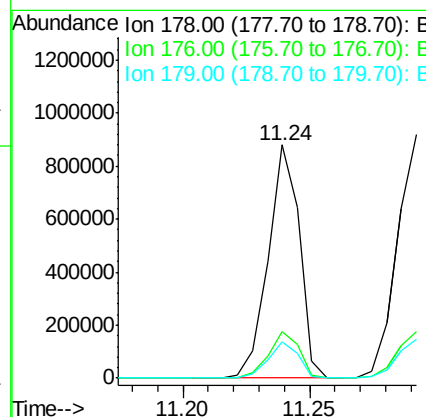
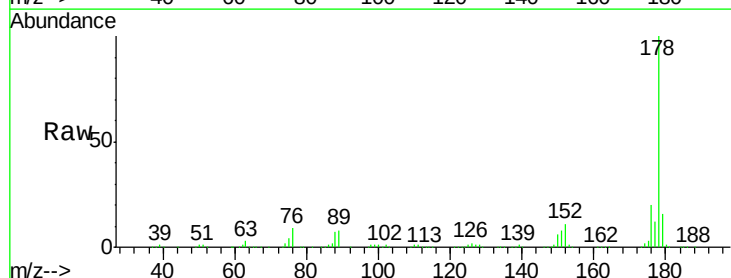
Instrument :
 BNA_F
 ClientSampleId :

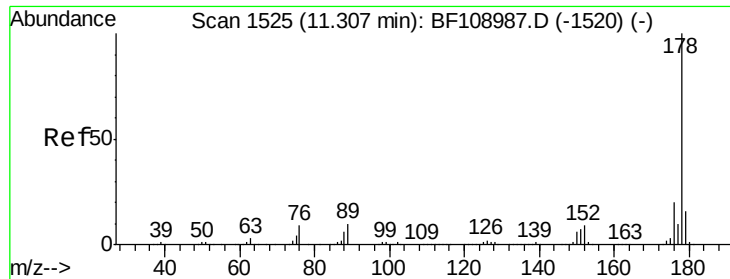
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.1	76.7
264	62.4	49.5	74.3



#70
 Phenanthrene
 Concen: 38.01 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6

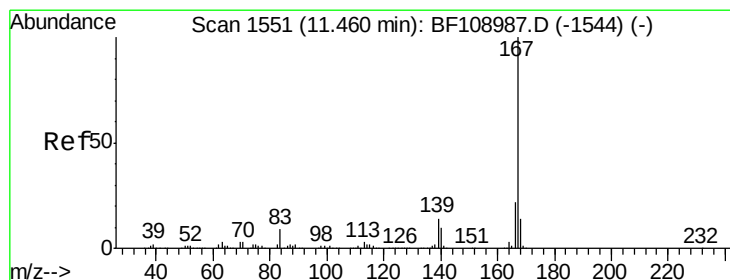
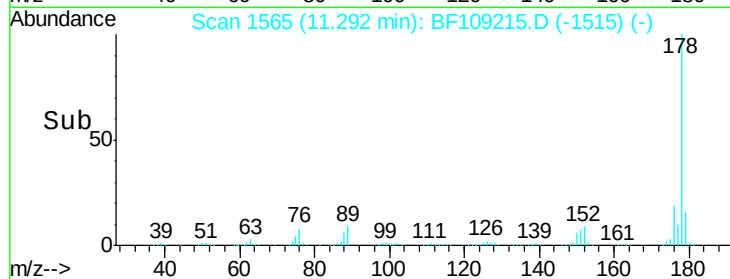
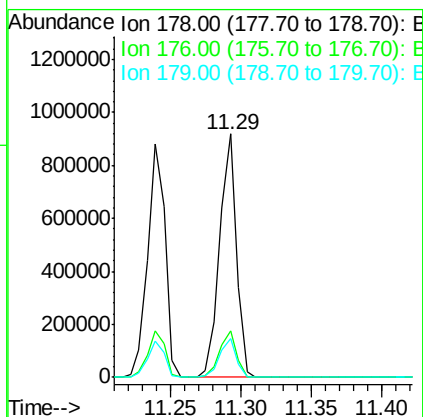
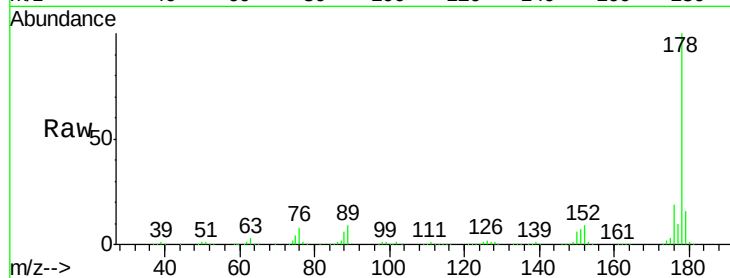




#71
 Anthracene
 Concen: 37.55 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

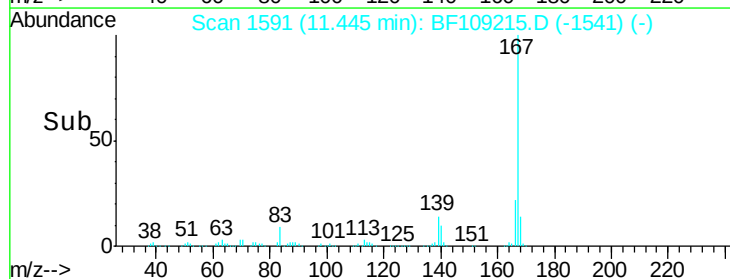
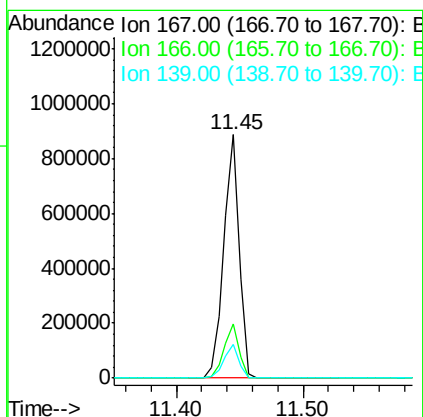
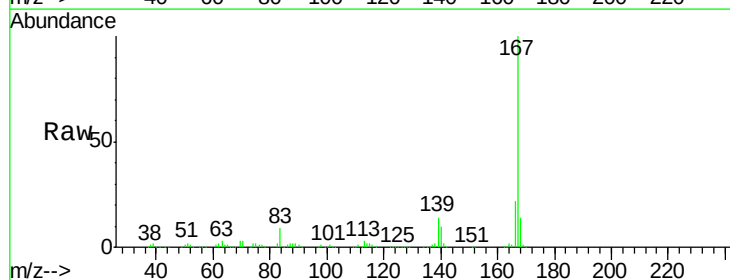
Instrument :
 BNA_F
 ClientSampleId :

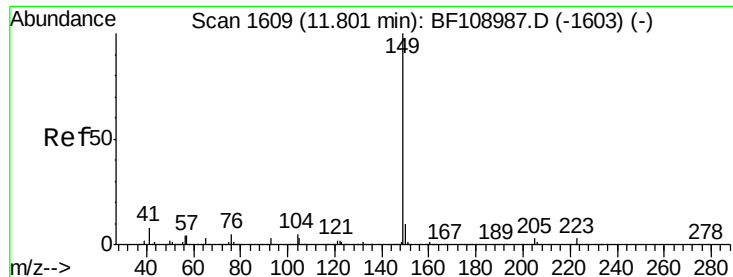
Tot Ion:178 Resp: 761605
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 37.43 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion:167 Resp: 755258
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.73 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampled :

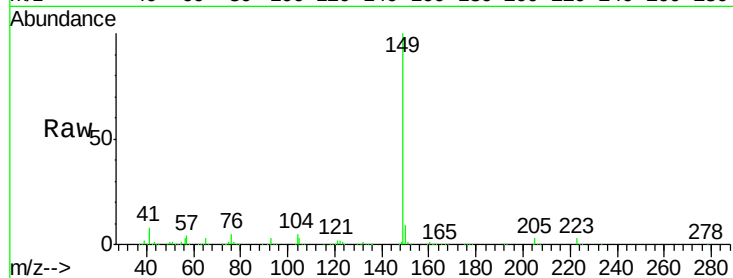
Tot Ion:149 Resp: 899836

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

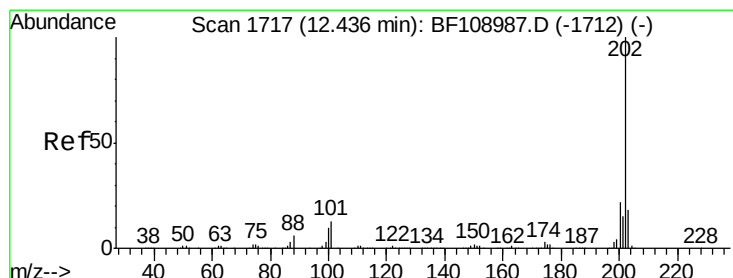
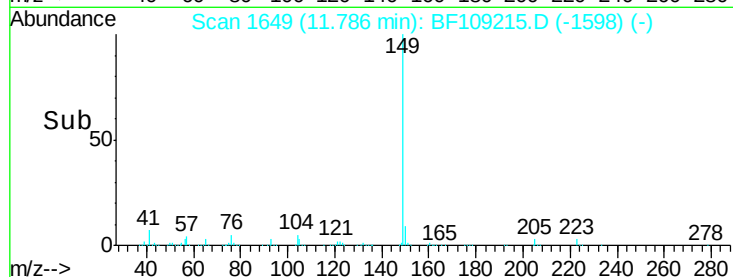
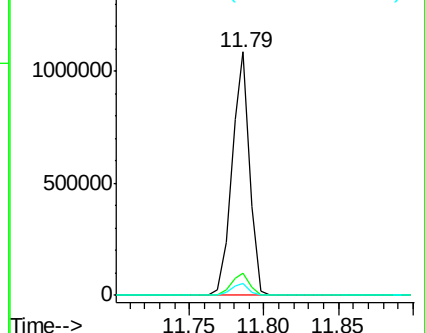
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.46 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

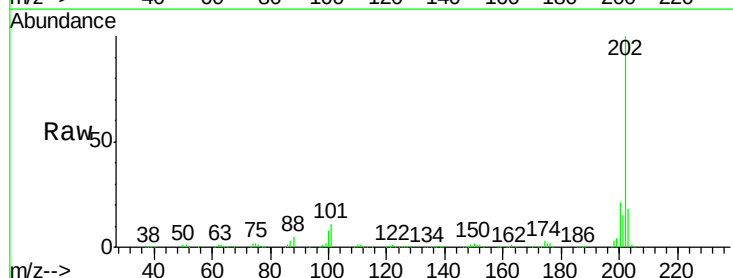
Tgt Ion:202 Resp: 821784

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

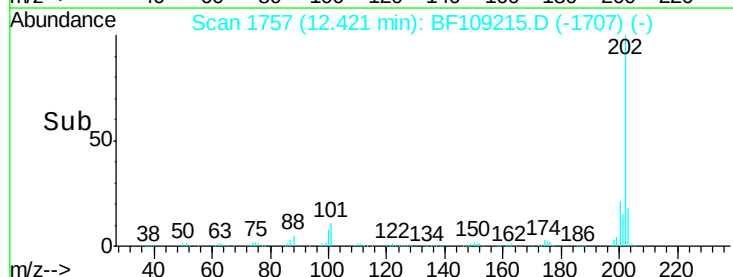
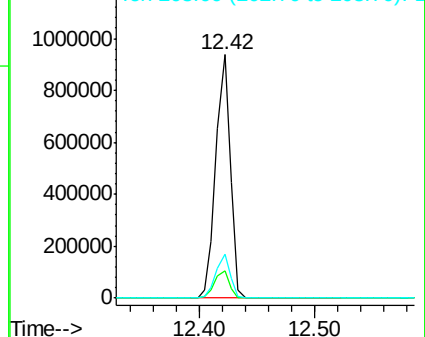
203 17.8 0.0 38.1

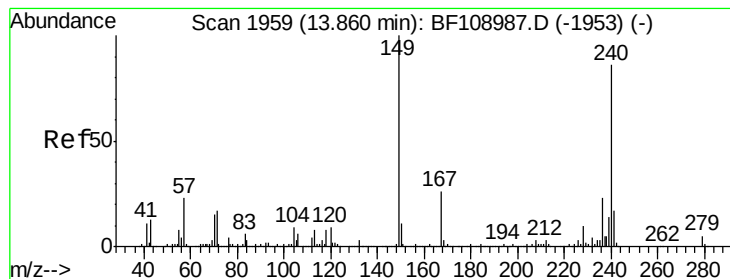


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

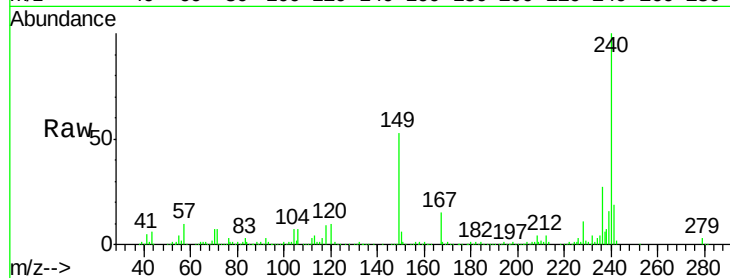
Tot Ion:240 Resp: 307237

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

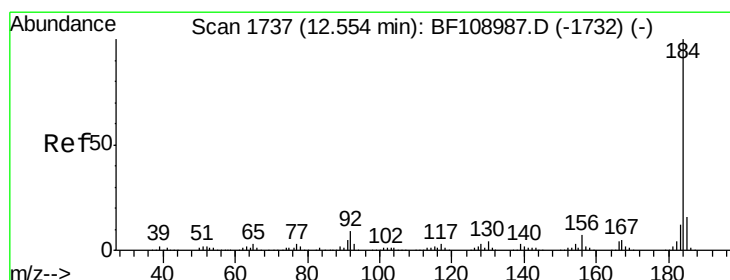
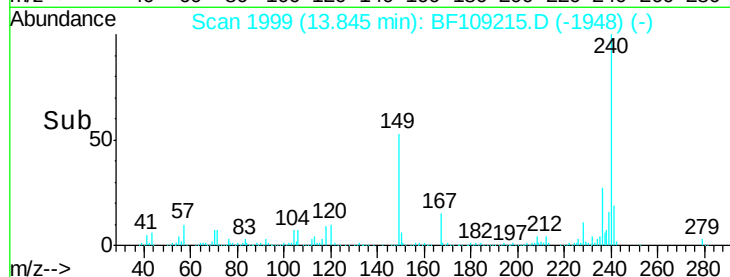
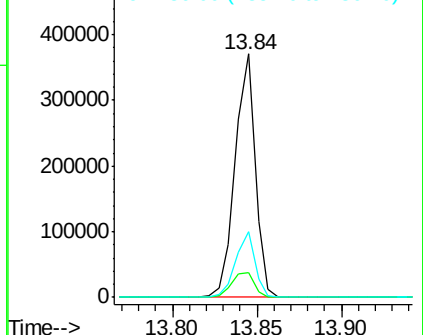
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.89 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

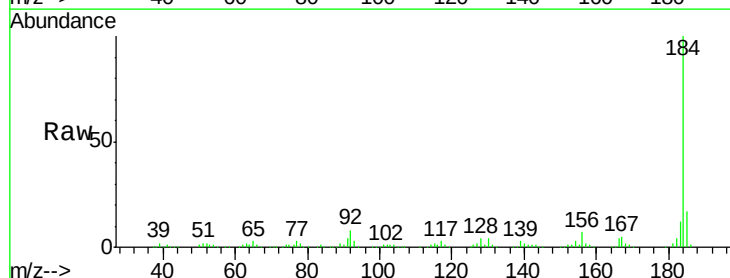
Tgt Ion:184 Resp: 364381

Ion Ratio Lower Upper

184 100

185 17.4 12.6 18.8

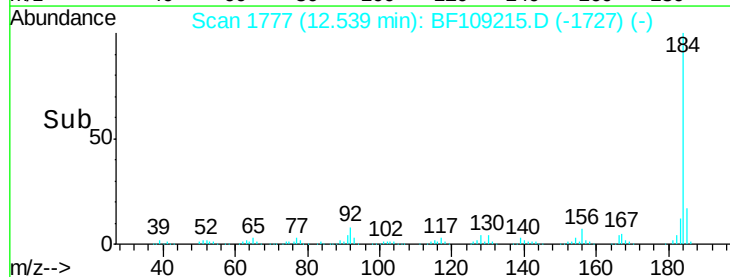
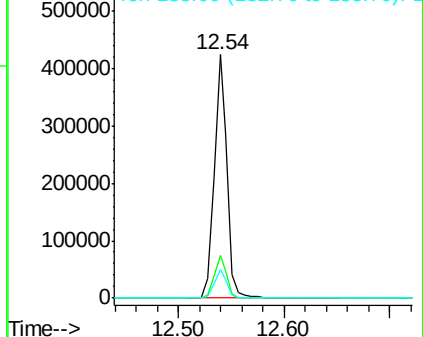
183 11.8 9.3 13.9

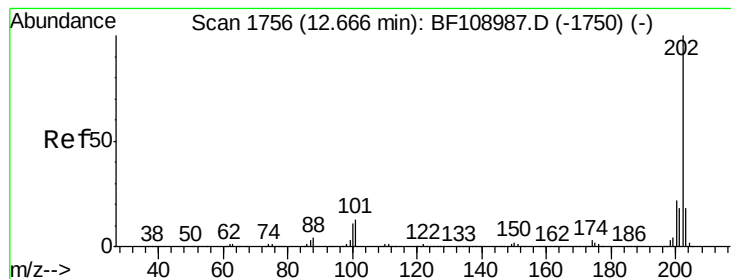


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.76 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

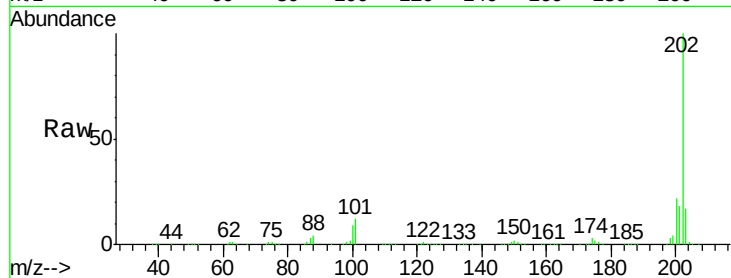
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 853567

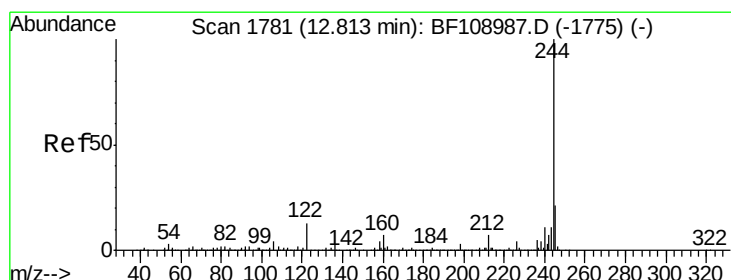
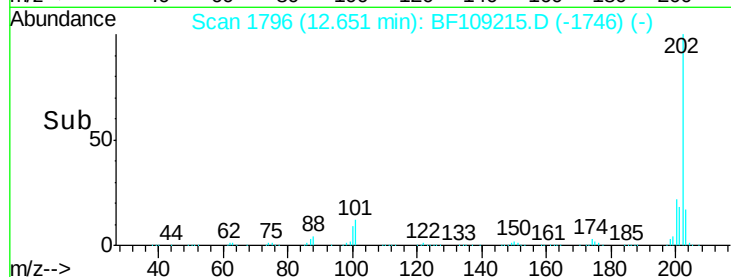
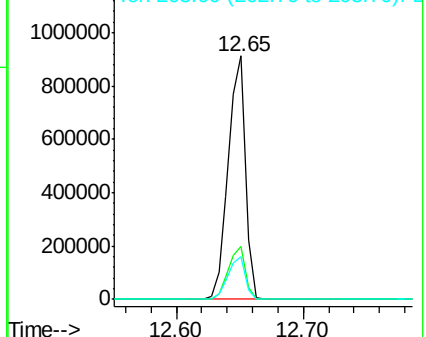
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.3	14.3	21.5



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: 74.72 ng

RT: 12.80 min Scan# 1821

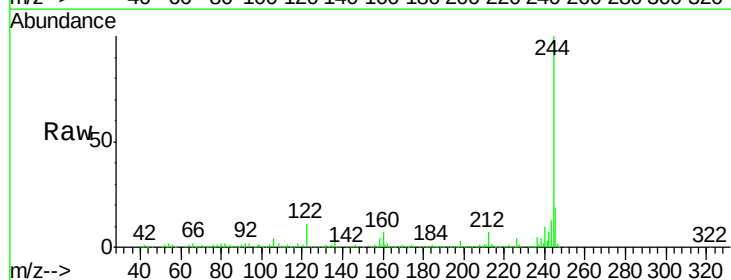
Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Tgt Ion:244 Resp: 935435

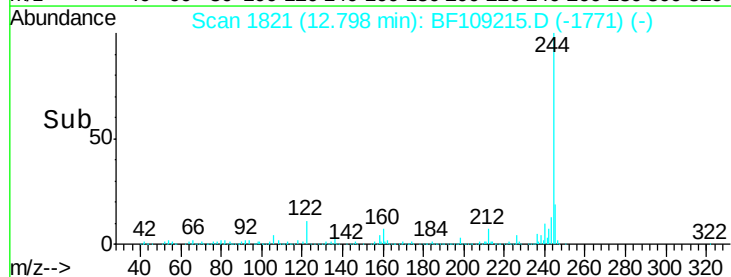
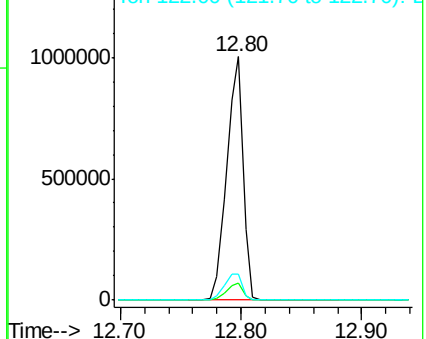
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.7	11.0	16.4

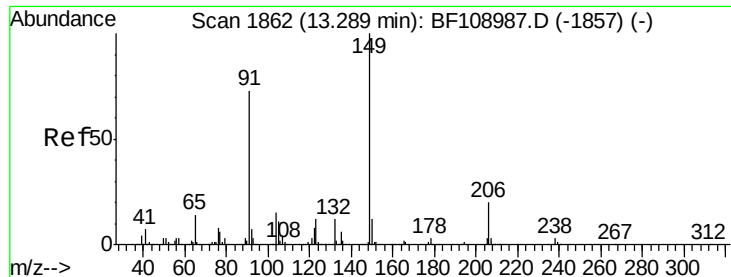


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

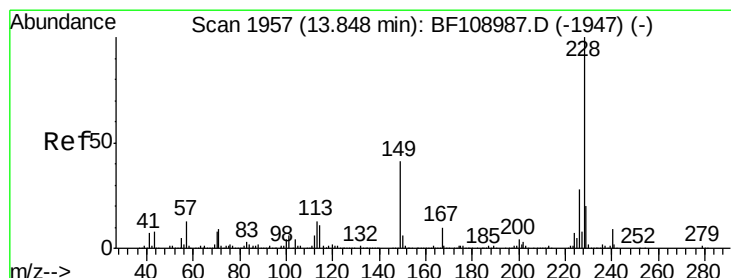
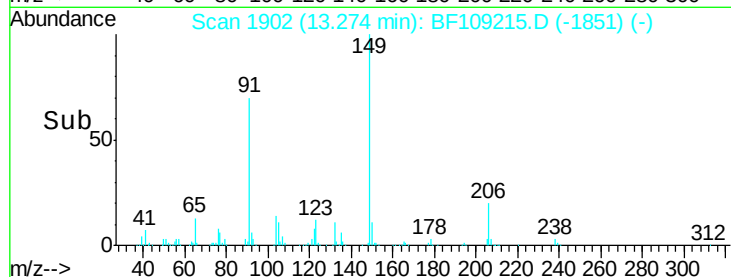
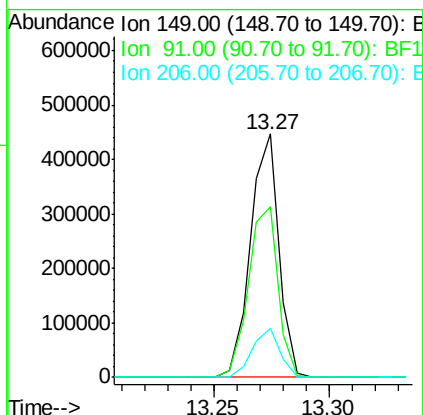
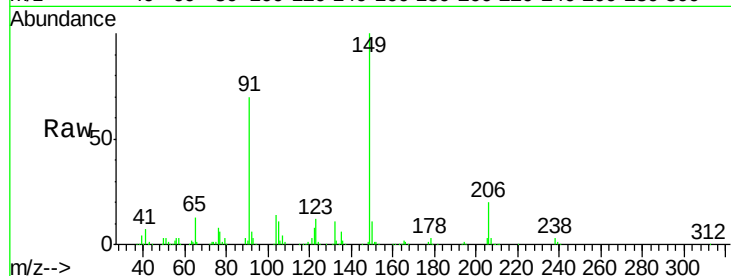




#79
Butylbenzylphthalate
Concen: 40.99 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

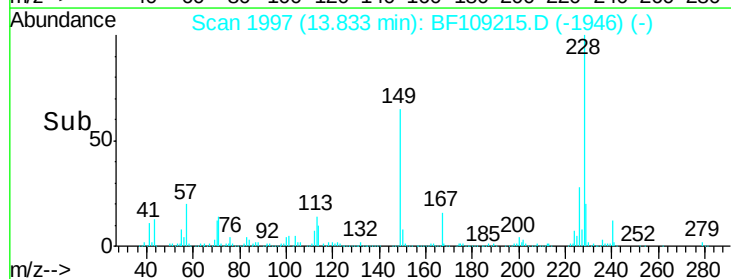
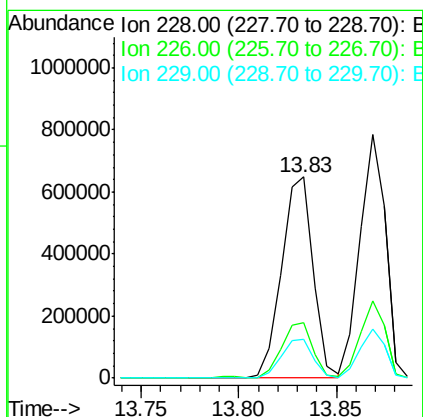
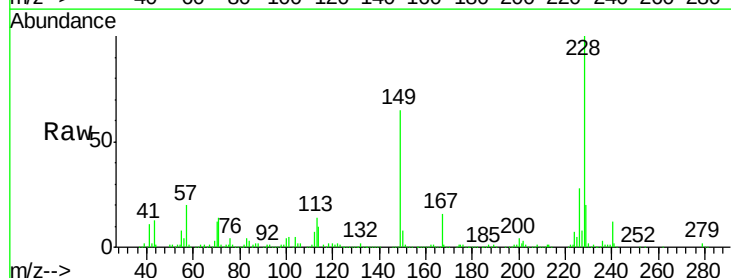
Instrument :
BNA_F
ClientSampled :

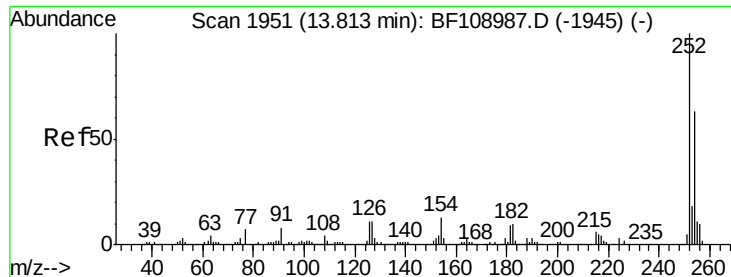
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	20.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.06 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.6	15.8	23.6

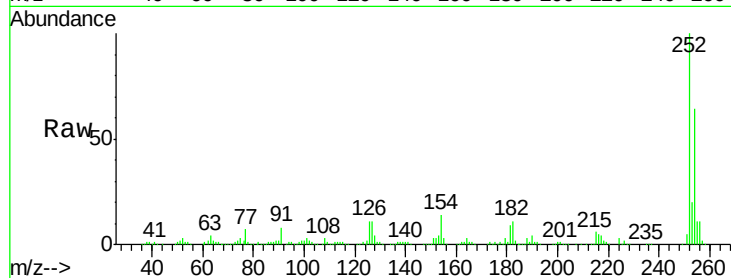




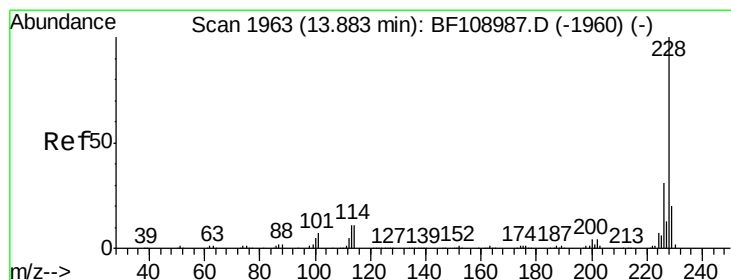
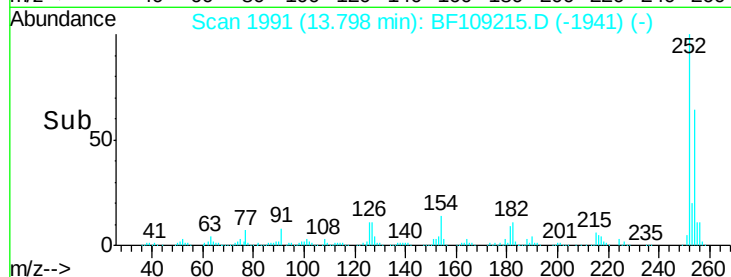
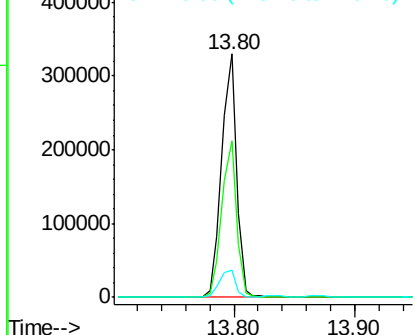
#81
 3,3'-Dichlorobenzidine
 Concen: 40.08 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	11.0	11.3	16.9#

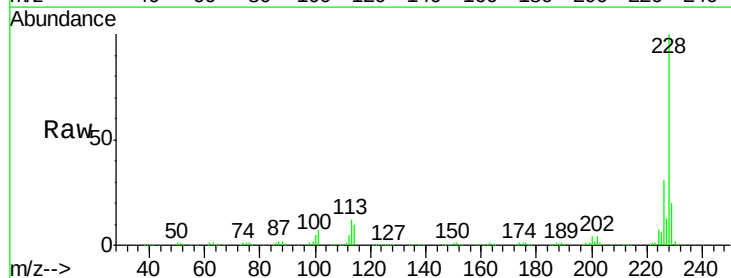


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

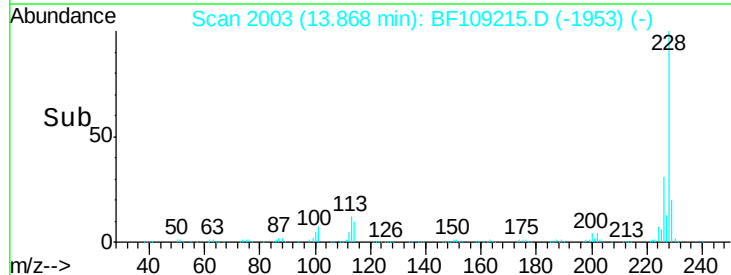
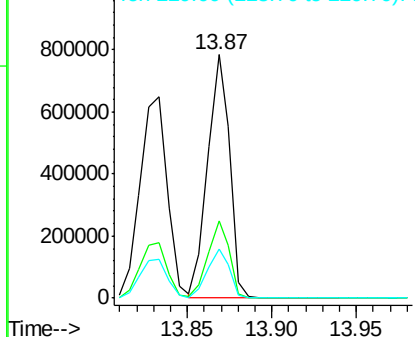


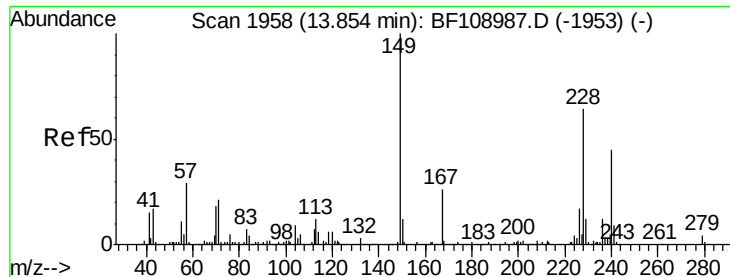
#82
 Chrysene
 Concen: 39.03 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.4	16.2	24.4



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

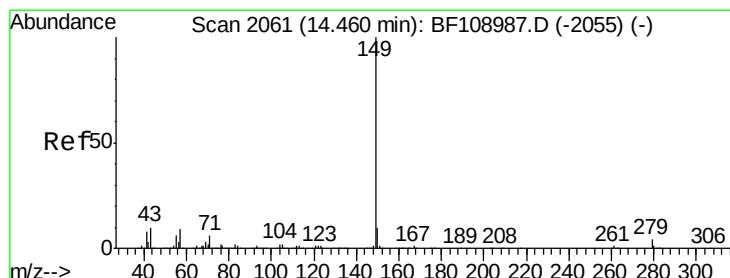
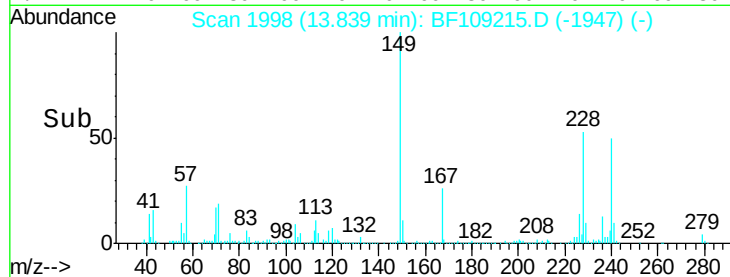
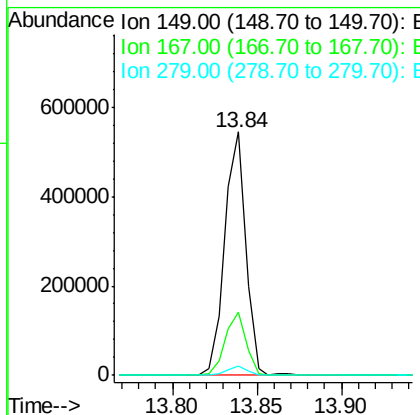
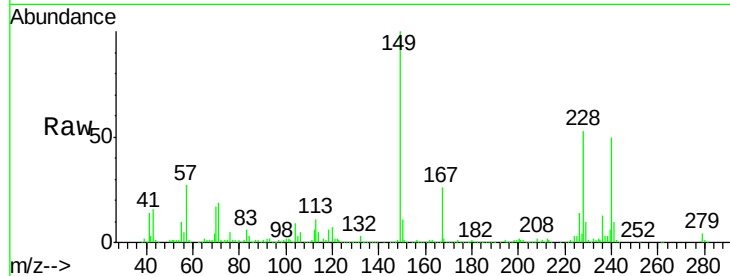




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.08 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

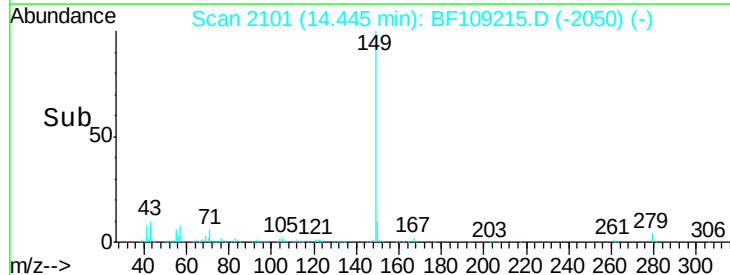
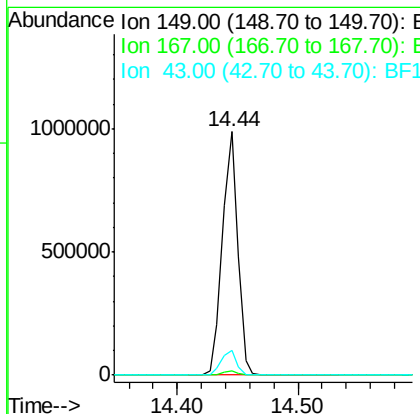
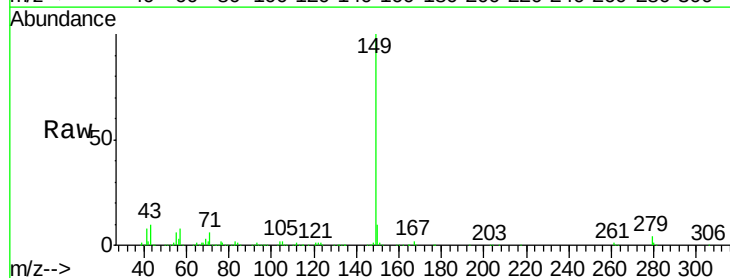
Instrument :
 BNA_F
 ClientSampleId :

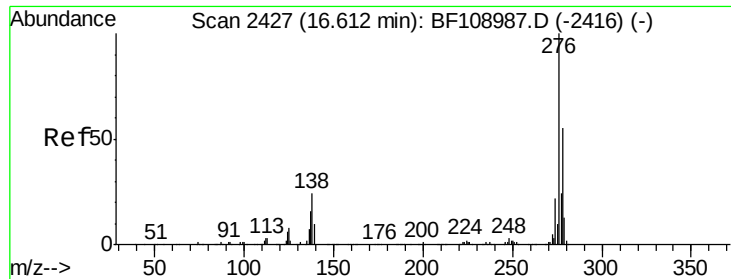
Tot Ion:149 Resp: 473482
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 42.94 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion:149 Resp: 867394
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.3 8.4 12.6

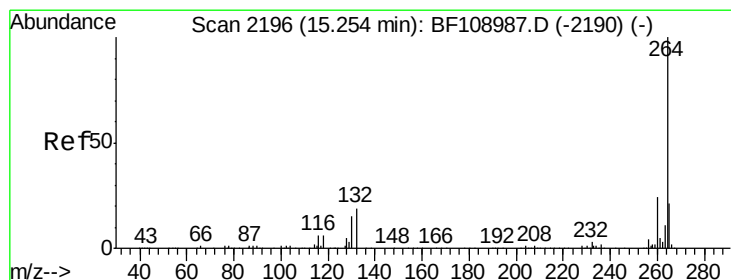
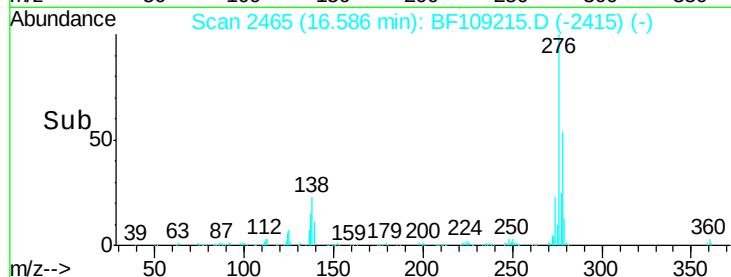
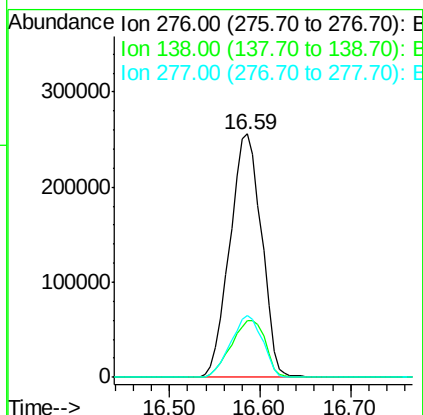
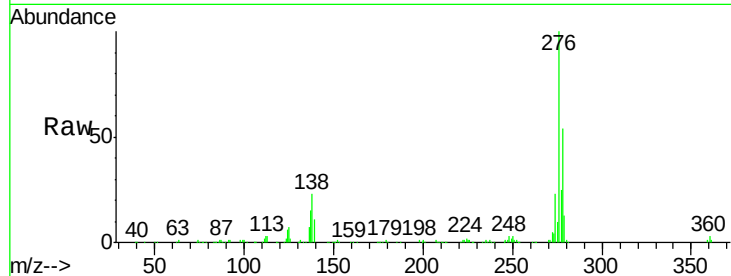




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.97 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

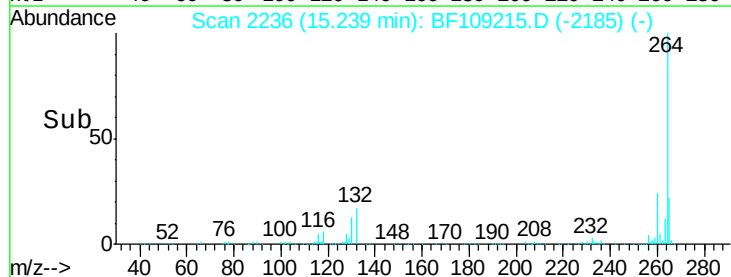
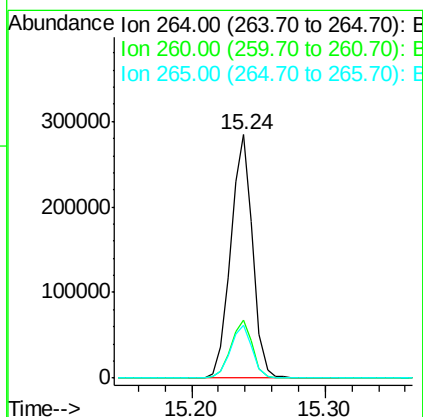
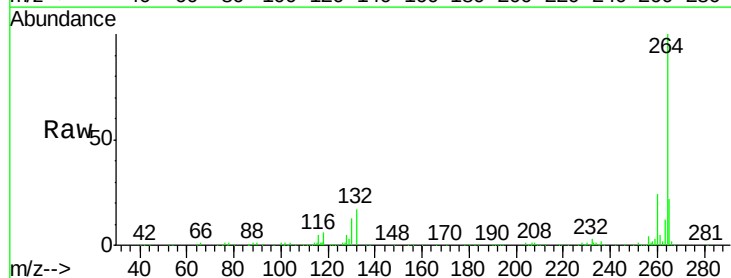
Instrument :
 BNA_F
 ClientSampleId :

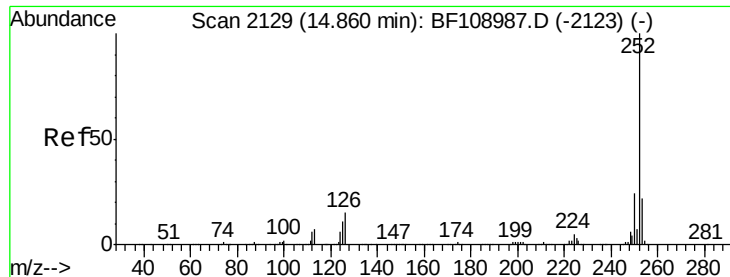
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109215.D
 Acq: 22 Sep 2018 12:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

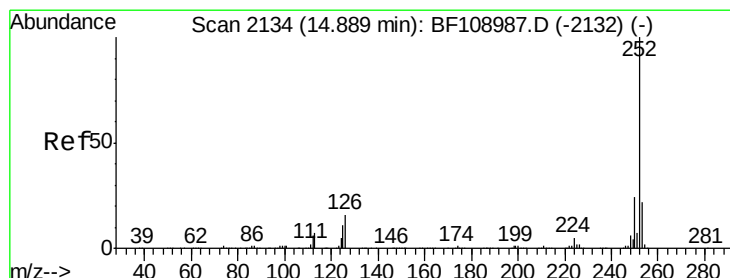
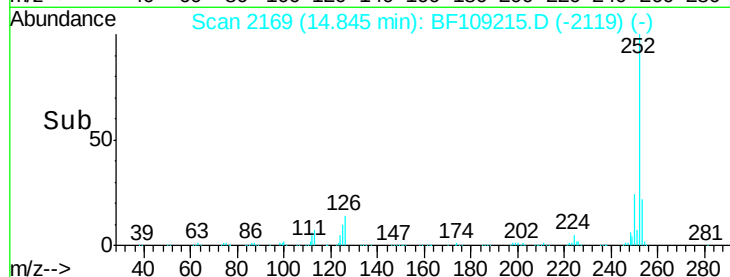
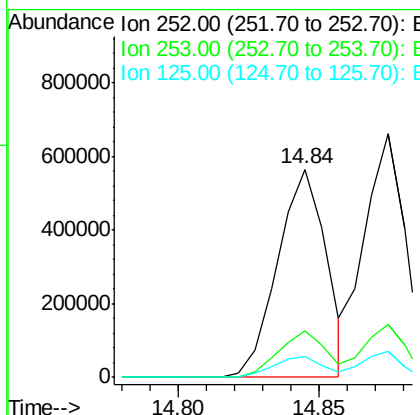
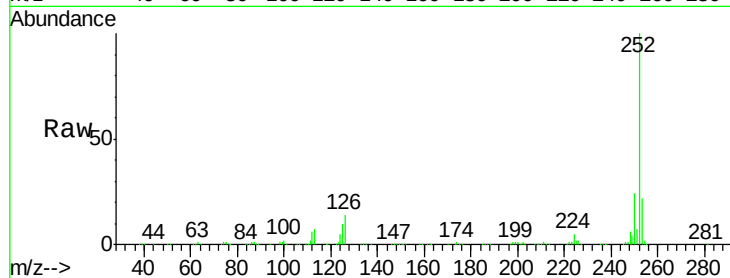




#87
Benzo(b)fluoranthene
Concen: 37.60 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

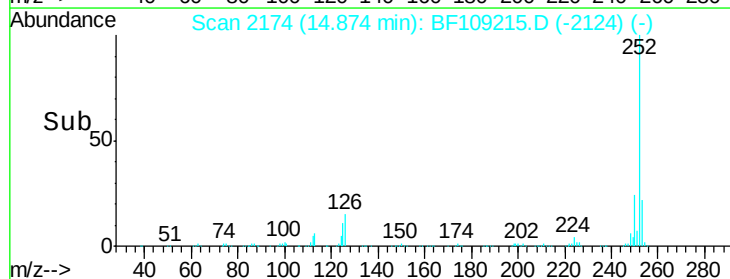
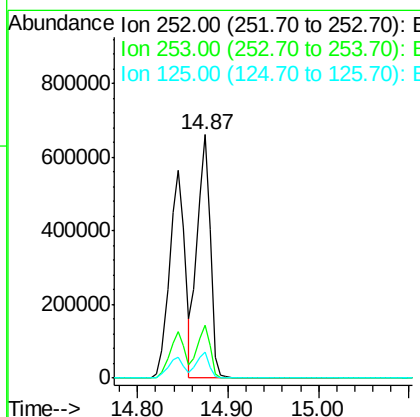
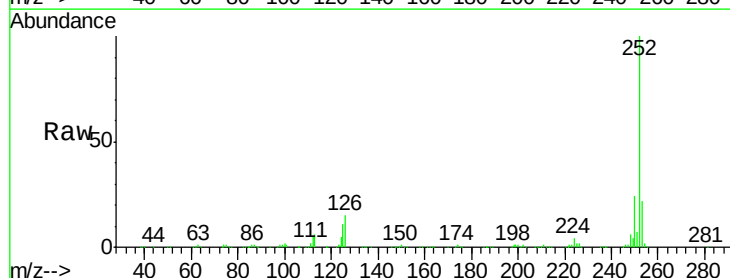
Instrument :
BNA_F
ClientSampleId :

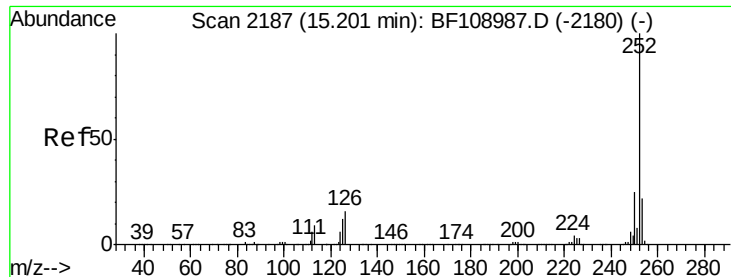
Tot Ion:252 Resp: 672439
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.22 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109215.D
Acq: 22 Sep 2018 12:30

Tgt Ion:252 Resp: 665716
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.93 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

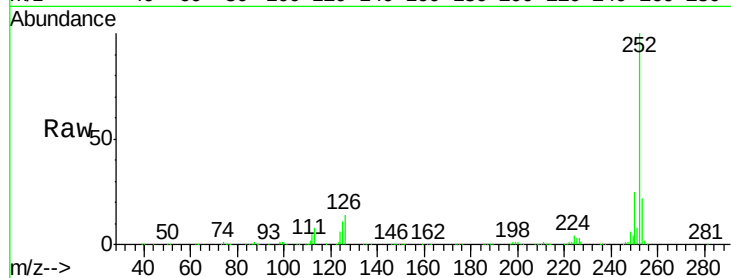
Tot Ion:252 Resp: 627452

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

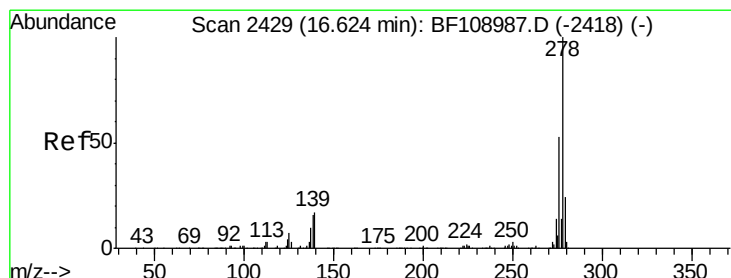
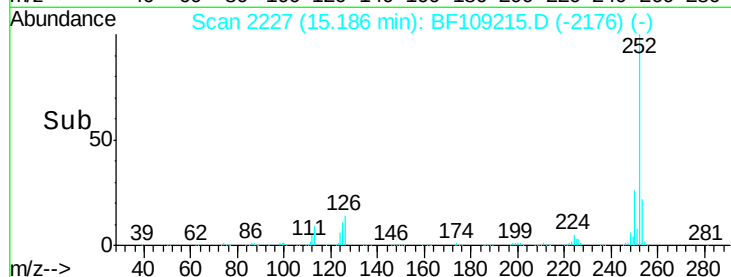
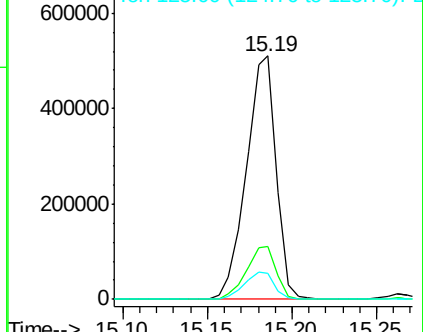
125 10.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.21 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

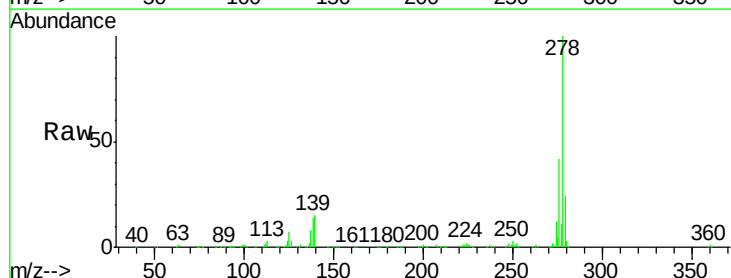
Tgt Ion:278 Resp: 518460

Ion Ratio Lower Upper

278 100

139 15.4 15.9 23.9#

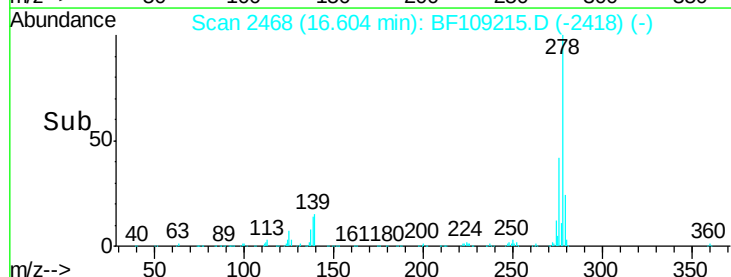
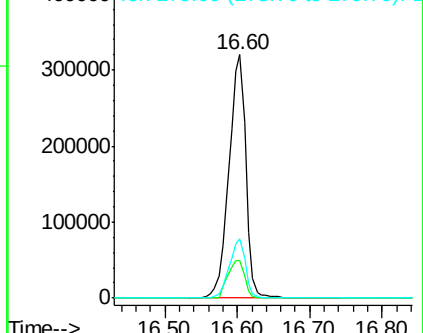
279 24.2 19.0 28.4

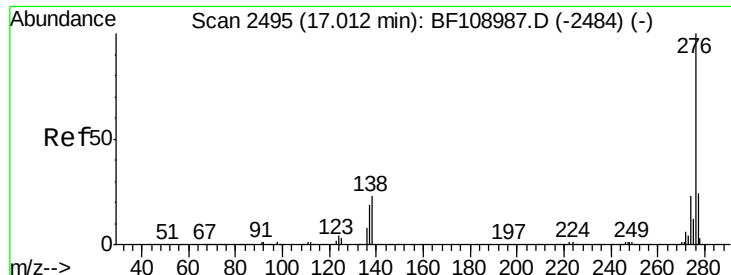


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.49 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF109215.D

Acq: 22 Sep 2018 12:30

Instrument :

BNA_F

ClientSampleId :

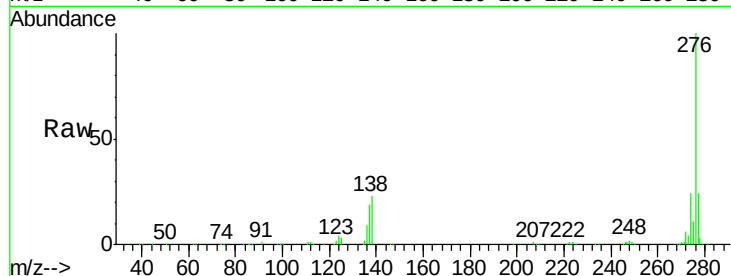
Tot Ion: 276 Resp: 500160

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 22.9 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

