

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109694.D
 Acq On : 9 Oct 2018 14:50
 Operator : JU/SJ
 Sample : PB113600BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 15:43:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	87416	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	380019	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	187744	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	365660	20.00	ng	0.00
75) Chrysene-d12	13.84	240	272825	20.00	ng	0.00
86) Perylene-d12	15.23	264	223433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	670668	136.18	ng	0.01
7) Phenol-d6	6.36	99	857972	130.41	ng	0.00
23) Nitrobenzene-d5	7.26	82	578405	83.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	253542	123.94	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1135340	83.29	ng	0.00
78) Terphenyl-d14	12.79	244	1101086	78.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	89476	34.618	ng	98
3) Pyridine	3.22	79	184378	34.577	ng	99
4) n-Nitrosodimethylamine	3.15	42	87421	45.421	ng	96
6) Aniline	6.37	93	261901	34.174	ng	# 74
8) 2-Chlorophenol	6.49	128	265497	43.835	ng	95
9) Benzaldehyde	6.25	77	72783	17.192	ng	98
10) Phenol	6.37	94	305328	40.473	ng	83
11) bis(2-Chloroethyl)ether	6.44	93	279452	44.682	ng	99
12) 1,3-Dichlorobenzene	6.64	146	280832	40.539	ng	98
13) 1,4-Dichlorobenzene	6.72	146	308328	40.831	ng	98
14) 1,2-Dichlorobenzene	6.87	146	275516	41.545	ng	99
15) Benzyl Alcohol	6.85	79	207073	42.457	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	336845	40.618	ng	92
17) 2-Methylphenol	6.97	107	209191	43.676	ng	94
18) Hexachloroethane	7.20	117	109192	40.909	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	187063	40.546	ng	99
20) 3+4-Methylphenols	7.12	107	252868	42.845	ng	# 89
22) Acetophenone	7.11	105	380380	41.392	ng	100
24) Nitrobenzene	7.28	77	281023	39.175	ng	99
25) Isophorone	7.52	82	515699	45.048	ng	99
26) 2-Nitrophenol	7.60	139	142874	42.580	ng	96
27) 2,4-Dimethylphenol	7.65	122	228414	47.140	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	325135	41.989	ng	99
29) 2,4-Dichlorophenol	7.85	162	231680	42.628	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	239022	39.728	ng	100
31) Naphthalene	8.00	128	812869	46.252	ng	100
32) Benzoic acid	7.80	122	118603	34.236	ng	96
33) 4-Chloroaniline	8.06	127	212723	27.486	ng	98
34) Hexachlorobutadiene	8.12	225	145066	38.779	ng	98
35) Caprolactam	8.43	113	33298	20.515	ng	92
36) 4-Chloro-3-methylphenol	8.55	107	246998	43.053	ng	97
37) 2-Methylnaphthalene	8.69	142	524752	45.582	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	243542	38.108	ng	98
40) Hexachlorocyclopentadiene	8.85	237	241636	85.778	ng	99

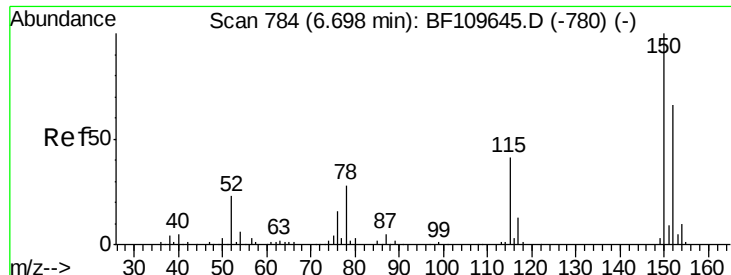
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109694.D
 Acq On : 9 Oct 2018 14:50
 Operator : JU/SJ
 Sample : PB113600BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 15:43:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	152746	39.981	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	173703	39.544	ng	99
45) 1,1'-Biphenyl	9.15	154	631404	37.646	ng	99
46) 2-Chloronaphthalene	9.18	162	488322	38.862	ng	99
47) 2-Nitroaniline	9.28	65	155500	40.870	ng	96
48) Acenaphthylene	9.59	152	789566	43.101	ng	100
49) Dimethylphthalate	9.46	163	571937	41.537	ng	100
50) 2,6-Dinitrotoluene	9.52	165	124791	41.810	ng	94
51) Acenaphthene	9.76	154	443637	40.853	ng	99
52) 3-Nitroaniline	9.69	138	95642	28.586	ng	97
53) 2,4-Dinitrophenol	9.80	184	91438	94.954	ng	97
54) Dibenzofuran	9.93	168	656167	40.310	ng	98
55) 4-Nitrophenol	9.87	139	133715	73.014	ng	96
56) 2,4-Dinitrotoluene	9.93	165	154086	41.368	ng	96
57) Fluorene	10.27	166	525239	43.208	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	148007	41.450	ng	97
59) Diethylphthalate	10.16	149	559412	41.004	ng	100
60) 4-Chlorophenyl-phenylether	10.27	204	250824	39.111	ng	98
61) 4-Nitroaniline	10.31	138	128412	41.444	ng	98
62) Azobenzene	10.43	77	581448	41.970	ng	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	65574	36.844	ng	96
65) n-Nitrosodiphenylamine	10.39	169	483847	39.033	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	163437	38.900	ng	98
67) Hexachlorobenzene	10.82	284	173431	38.120	ng	# 89
68) Atrazine	10.92	200	156516	40.459	ng	99
69) Pentachlorophenol	11.02	266	169245	66.110	ng	98
70) Phenanthrene	11.23	178	774438	42.321	ng	99
71) Anthracene	11.29	178	837097	44.253	ng	99
72) Carbazole	11.44	167	724394	39.484	ng	100
73) Di-n-butylphthalate	11.77	149	863752	40.592	ng	99
74) Fluoranthene	12.41	202	827679	43.296	ng	100
76) Benzidine	12.54	184	407430	40.201	ng	96
77) Pyrene	12.64	202	822111	41.128	ng	99
79) Butylbenzylphthalate	13.26	149	358943	41.418	ng	97
80) Benzo(a)anthracene	13.83	228	647947	43.037	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	173483	28.617	ng	99
82) Chrysene	13.86	228	669222	42.318	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	439360	41.554	ng	97
84) Di-n-octyl phthalate	14.43	149	735305	43.998	ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	488301	43.139	ng	99
87) Benzo(b)fluoranthene	14.84	252	526884	42.672	ng	99
88) Benzo(k)fluoranthene	14.87	252	557119	44.907	ng	98
89) Benzo(a)pyrene	15.17	252	500237	44.645	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	396658	43.104	ng	99
91) Benzo(g,h,i)perylene	16.99	276	407794	44.377	ng	99

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

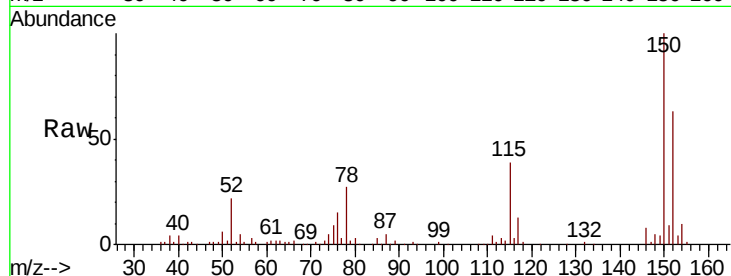


#1

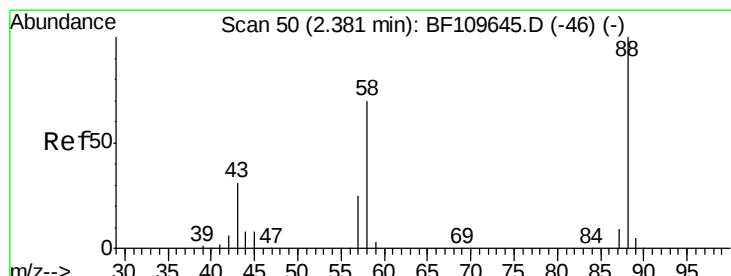
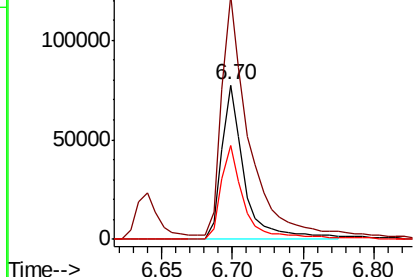
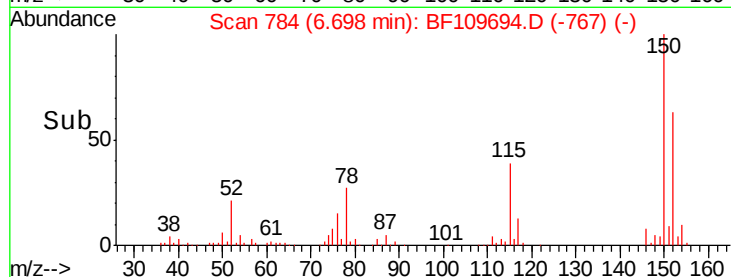
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87416
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 60.8 49.1 73.7



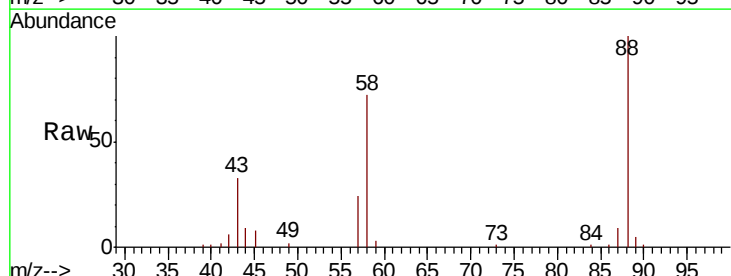
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



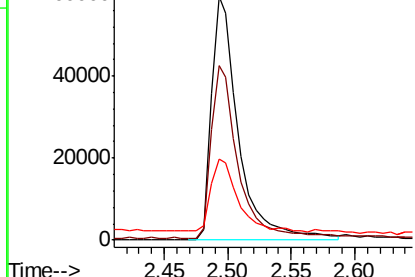
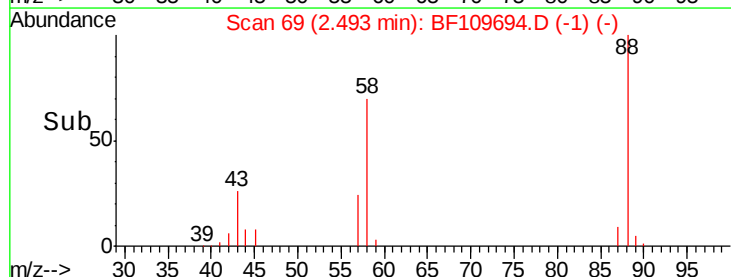
#2

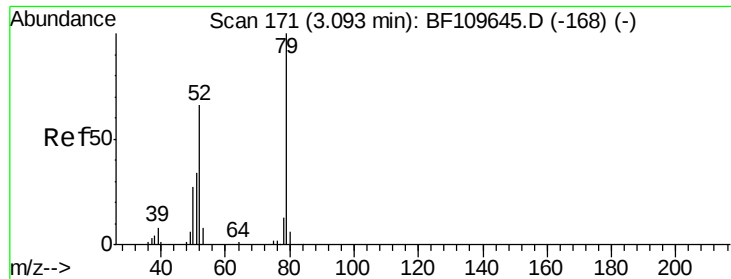
1,4-Dioxane
Concen: 34.618 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion: 88 Resp: 89476
Ion Ratio Lower Upper
88 100
58 69.7 57.1 85.7
43 29.3 24.1 36.1



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: 34.577 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.12 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

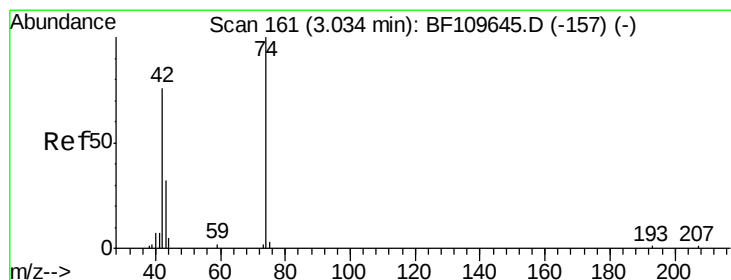
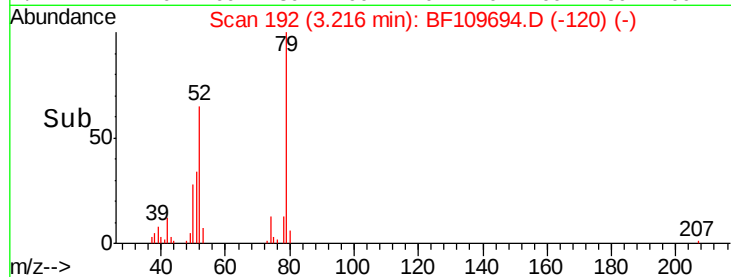
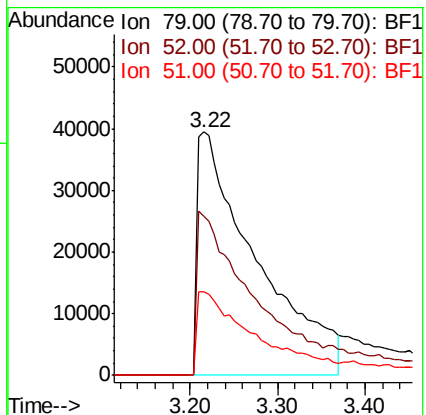
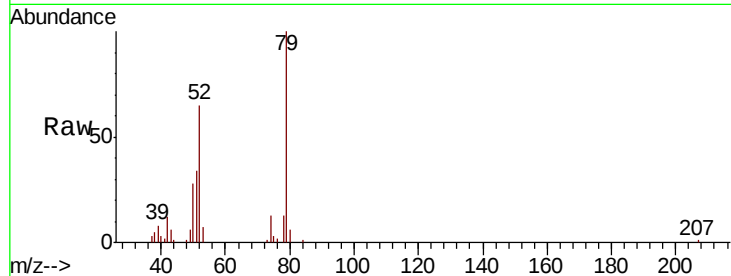
Tot Ion: 79 Resp: 184378

Ion Ratio Lower Upper

79 100

52 65.2 53.1 79.7

51 34.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 45.421 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.11 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

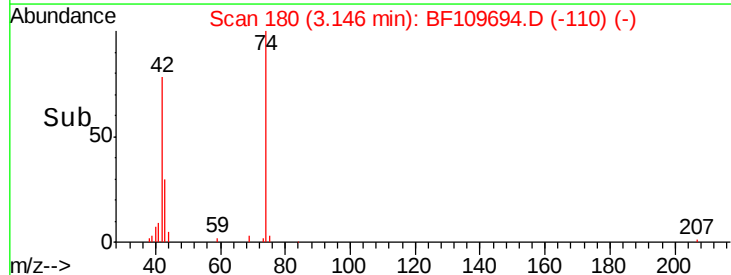
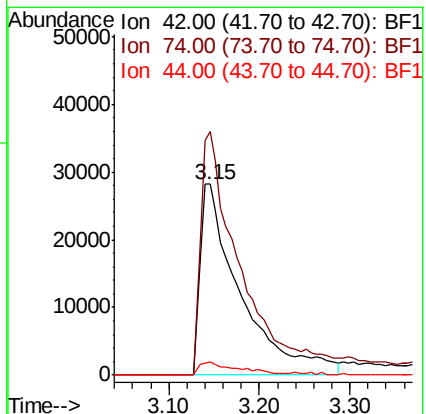
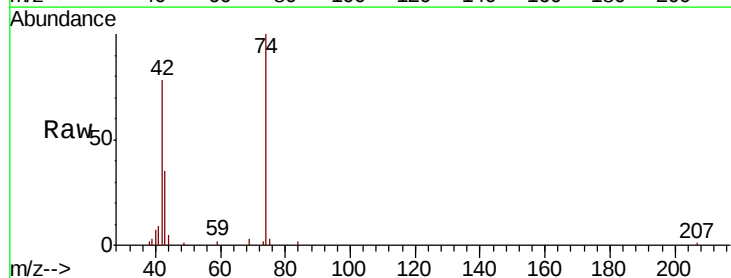
Tgt Ion: 42 Resp: 87421

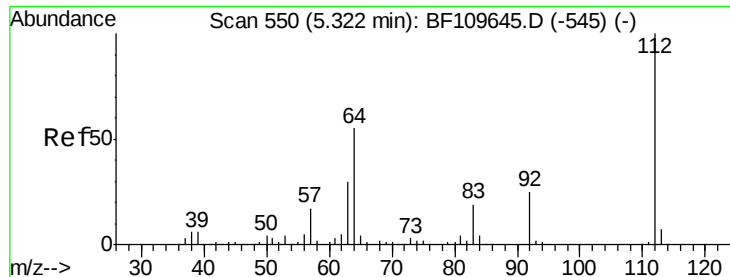
Ion Ratio Lower Upper

42 100

74 127.6 105.5 158.3

44 6.8 4.9 7.3





#5

2-Fluorophenol

Concen: 136.183 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

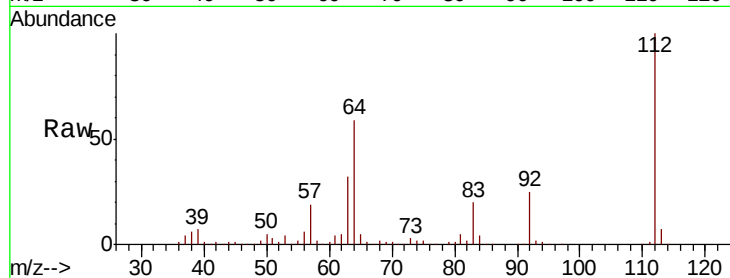
Tot Ion:112 Resp: 670668

Ion Ratio Lower Upper

112 100

64 58.6 44.1 66.1

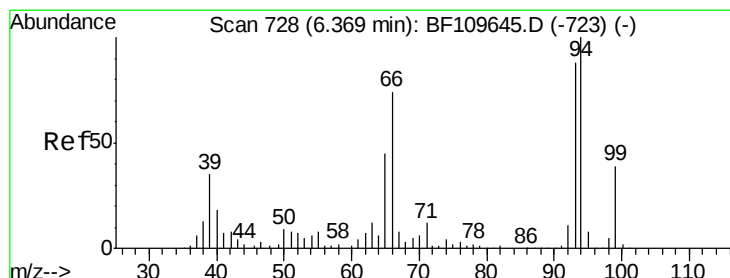
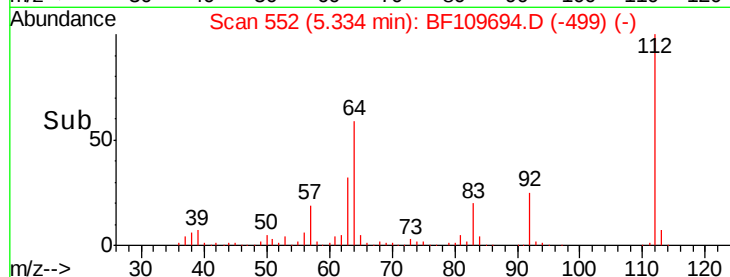
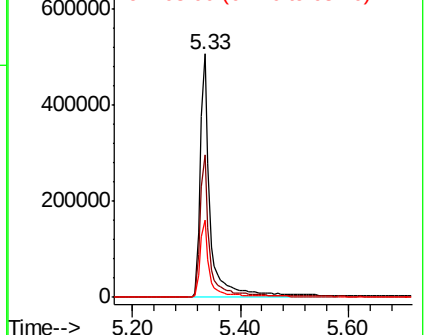
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.174 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

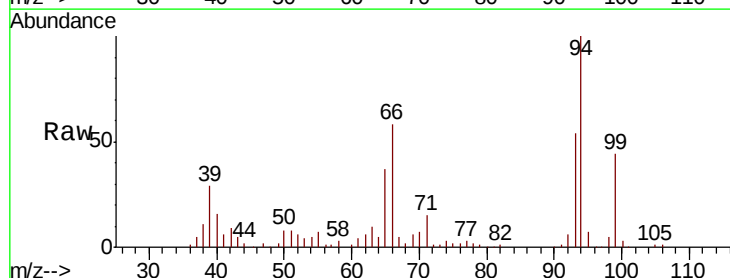
Tgt Ion: 93 Resp: 261901

Ion Ratio Lower Upper

93 100

66 107.6 67.4 101.0#

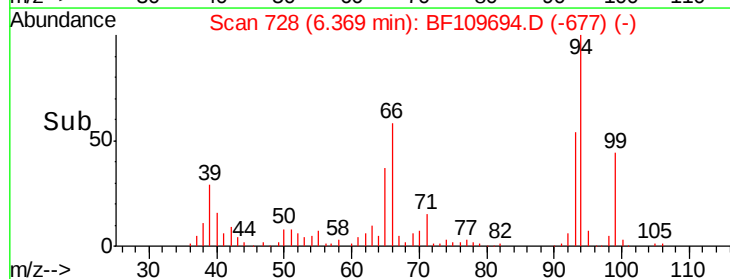
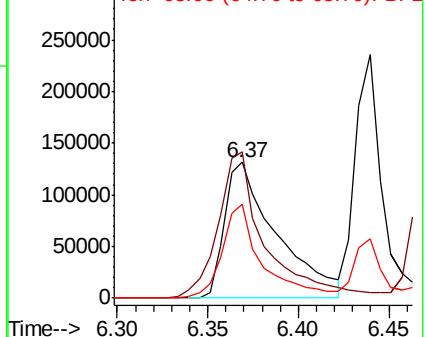
65 68.9 41.0 61.4#

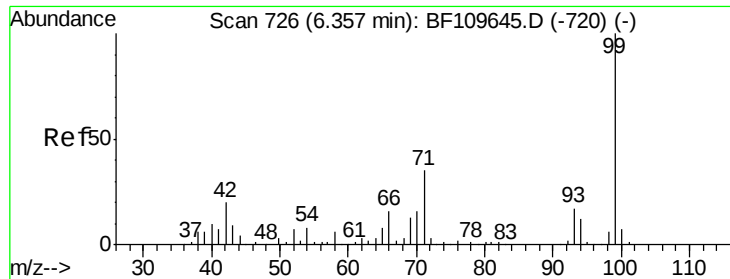


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.412 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

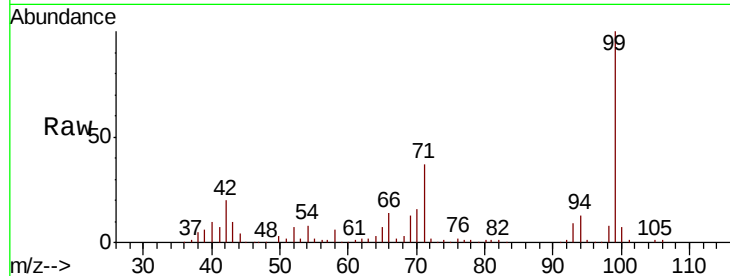
Tot Ion: 99 Resp: 857972

Ion Ratio Lower Upper

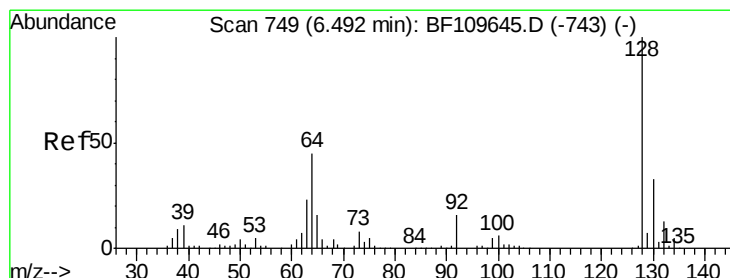
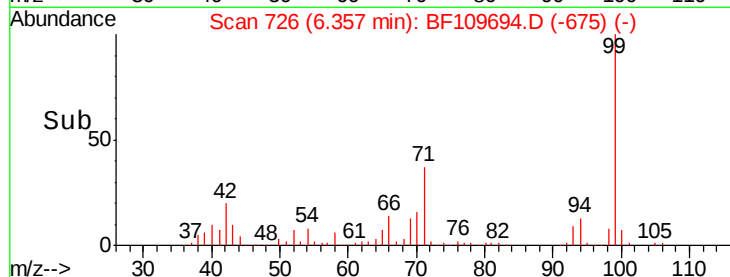
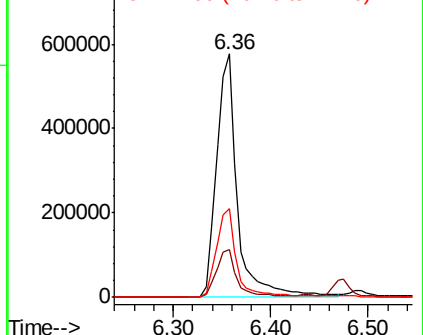
99 100

42 19.7 15.8 23.6

71 36.7 28.0 42.0



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



#8

2-Chlorophenol

Concen: 43.835 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

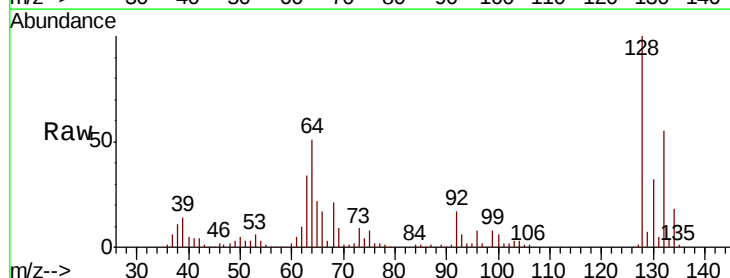
Tgt Ion:128 Resp: 265497

Ion Ratio Lower Upper

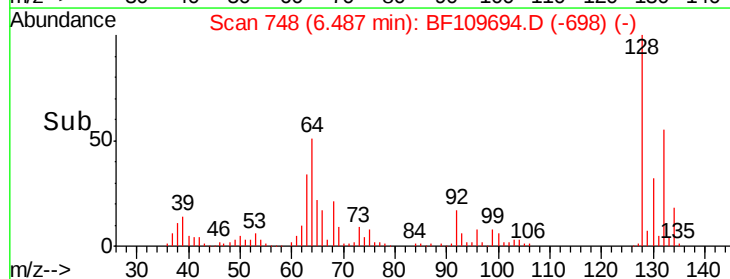
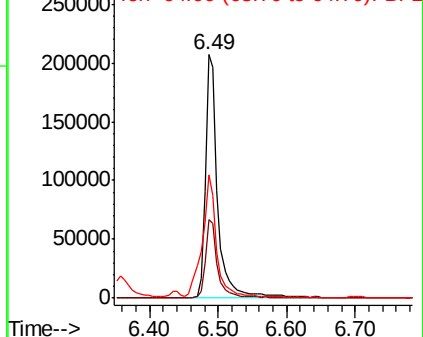
128 100

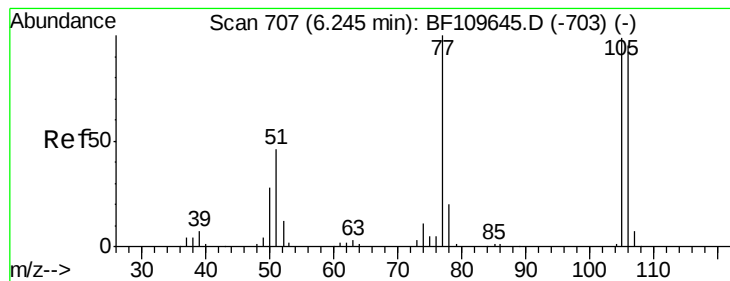
130 32.4 13.1 53.1

64 50.7 26.0 66.0



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: 17.192 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

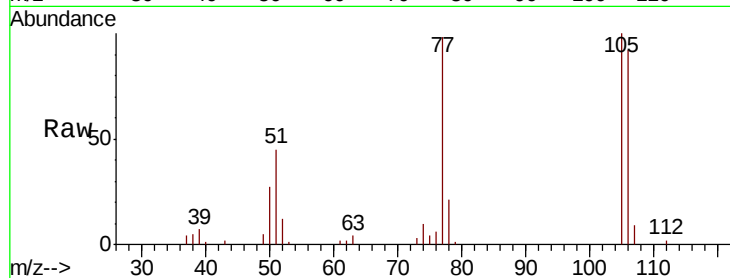
Tot Ion: 77 Resp: 72783

Ion Ratio Lower Upper

77 100

105 102.3 78.6 118.6

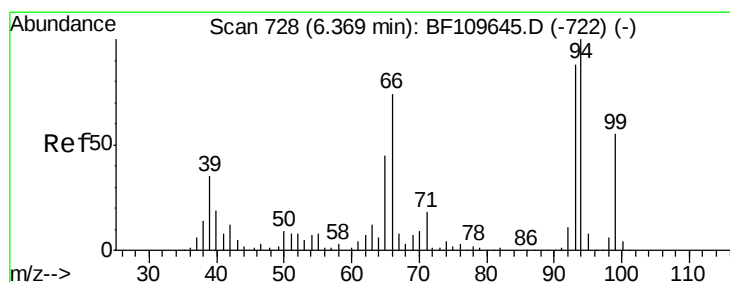
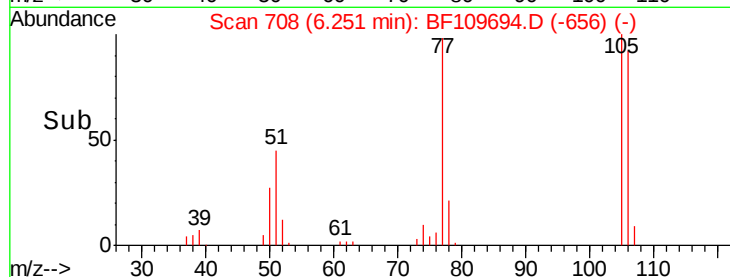
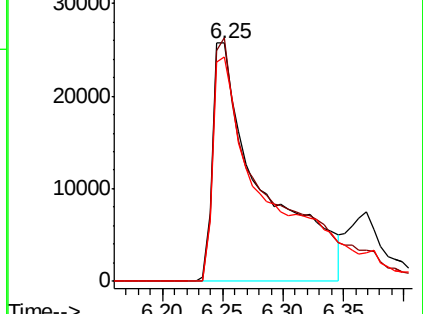
106 94.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.473 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

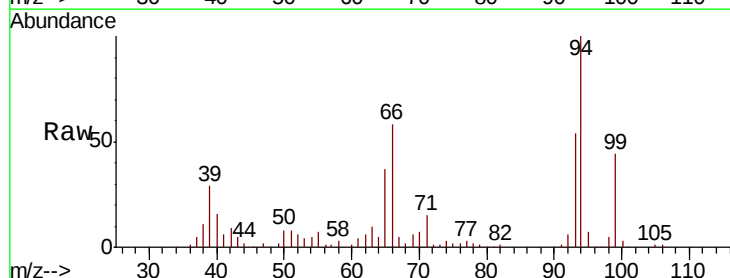
Tgt Ion: 94 Resp: 305328

Ion Ratio Lower Upper

94 100

65 37.1 25.3 65.3

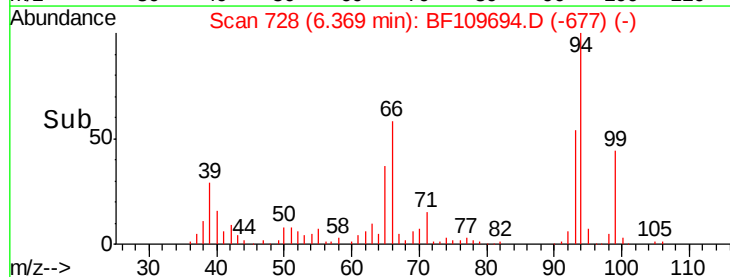
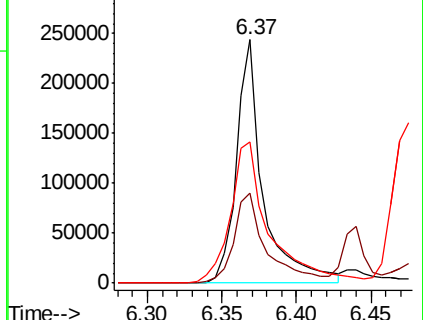
66 57.9 54.5 94.5



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

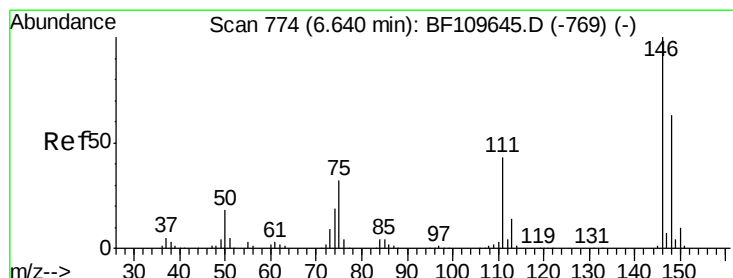
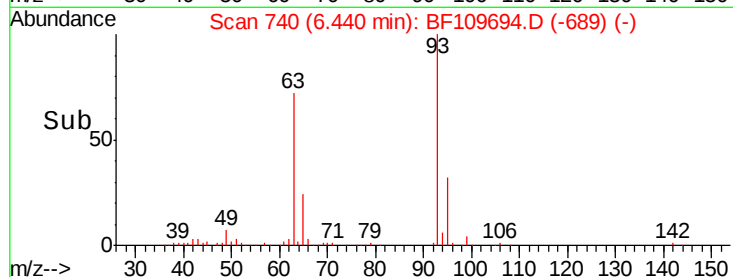
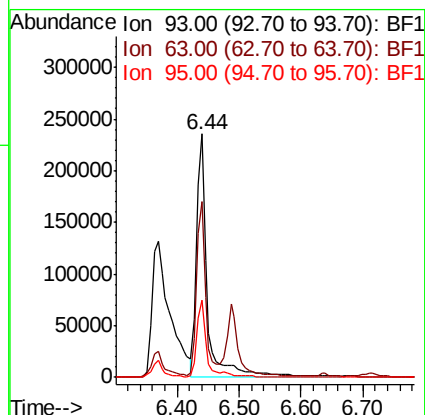
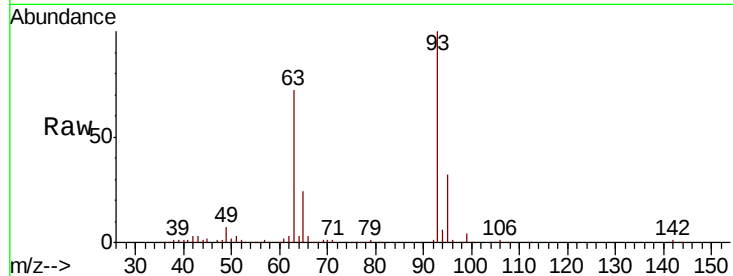




#11
 bis(2-Chloroethyl)ether
 Concen: 44.682 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

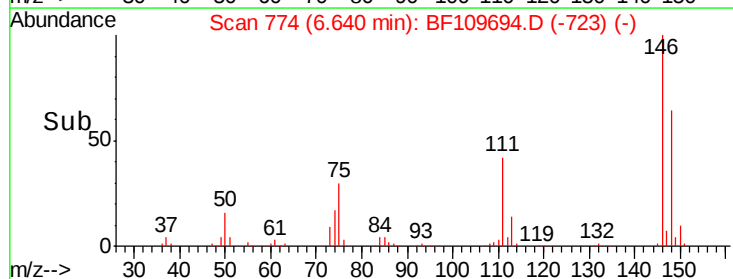
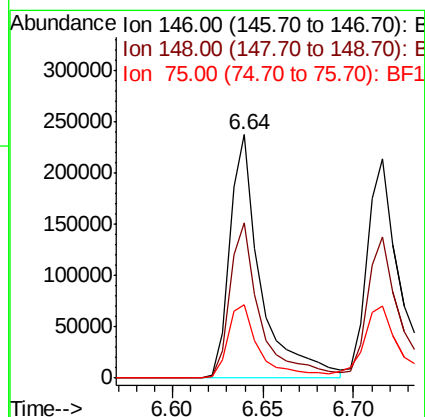
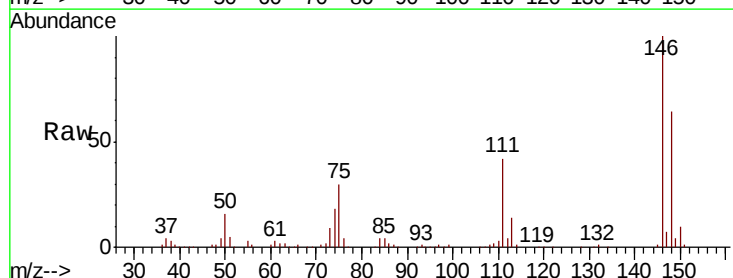
Instrument :
 BNA_F
 ClientSampleId :

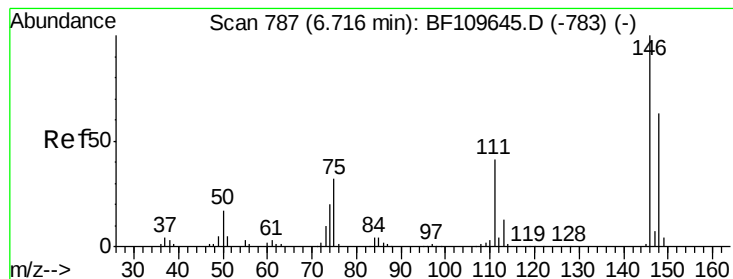
Tot Ion: 93 Resp: 279452
 Ion Ratio Lower Upper
 93 100
 63 72.3 53.4 93.4
 95 32.0 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 40.539 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion: 146 Resp: 280832
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 75 30.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.831 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

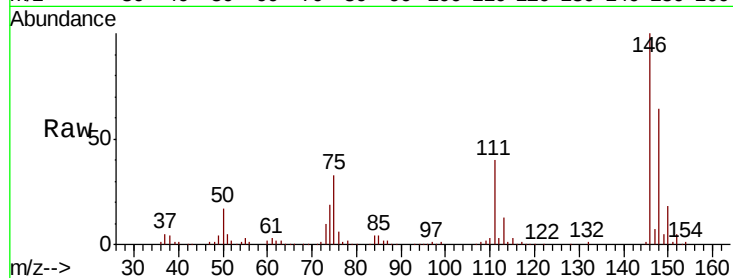
Tot Ion:146 Resp: 308328

Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

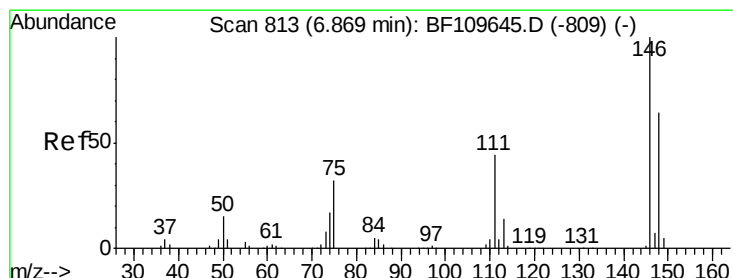
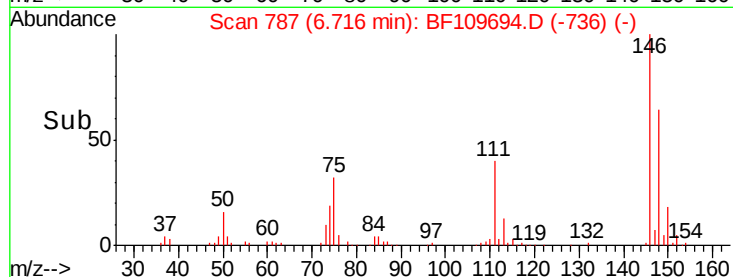
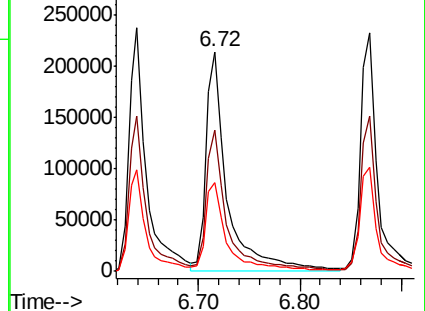
111 40.2 32.7 49.1



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: 41.545 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

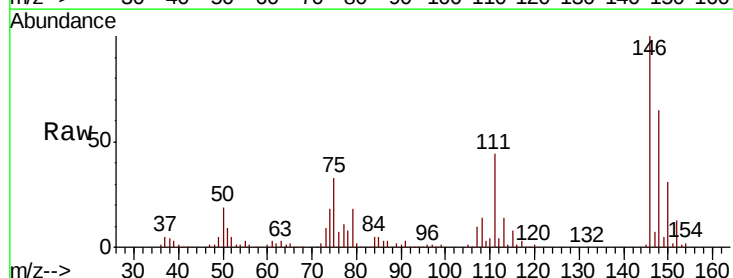
Tgt Ion:146 Resp: 275516

Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

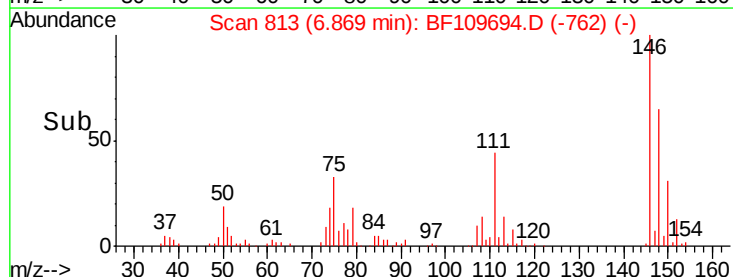
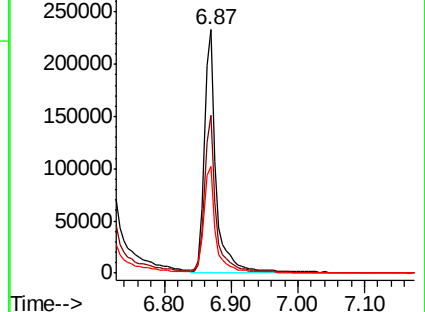
111 43.8 35.8 53.6

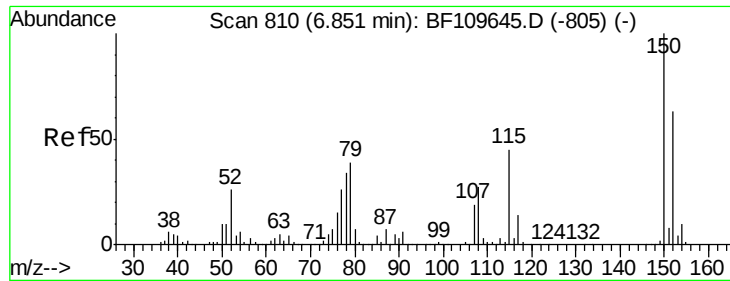


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.457 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

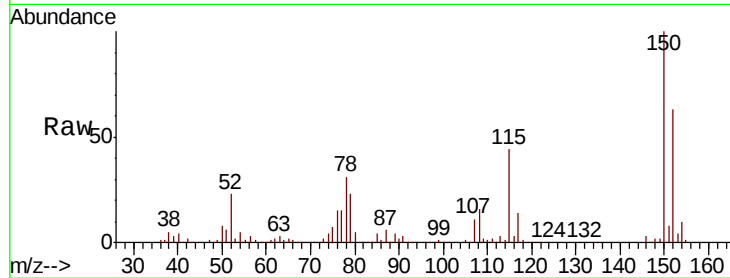
Tot Ion: 79 Resp: 207073

Ion Ratio Lower Upper

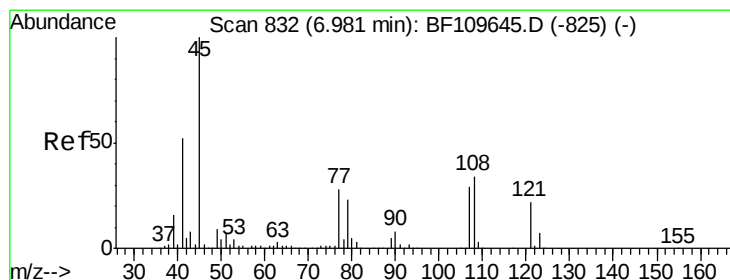
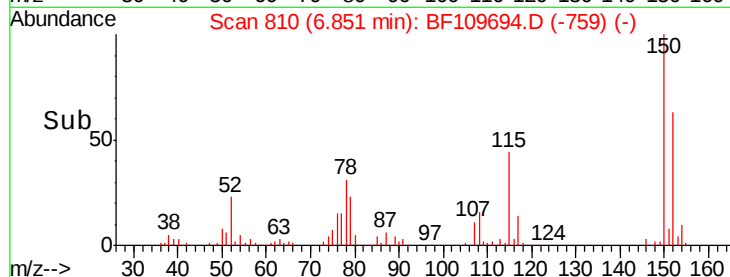
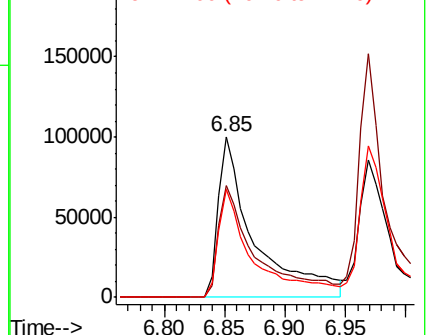
79 100

108 69.7 56.3 84.5

77 66.8 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.618 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

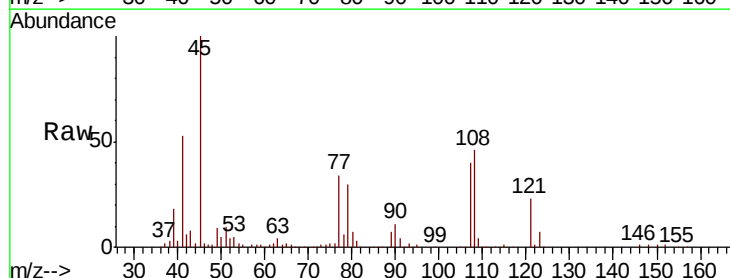
Tgt Ion: 45 Resp: 336845

Ion Ratio Lower Upper

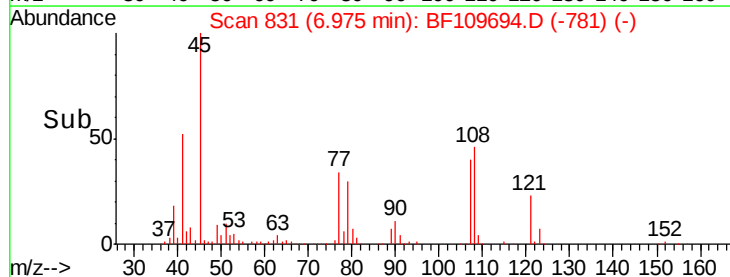
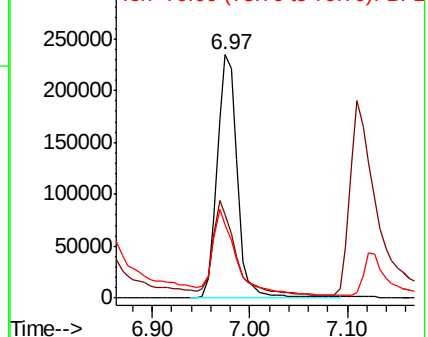
45 100

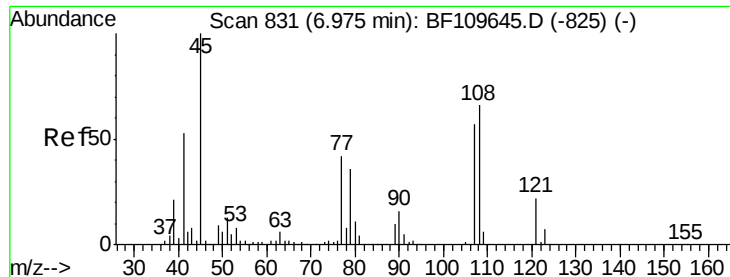
77 34.5 10.0 50.0

79 30.0 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

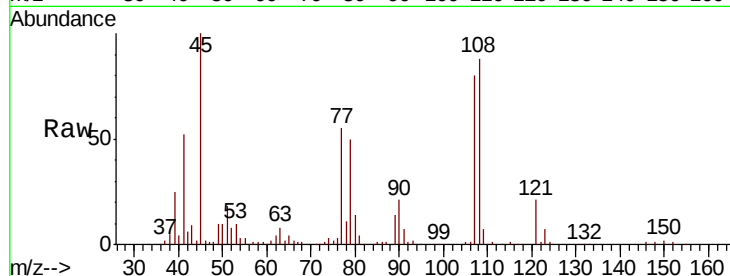




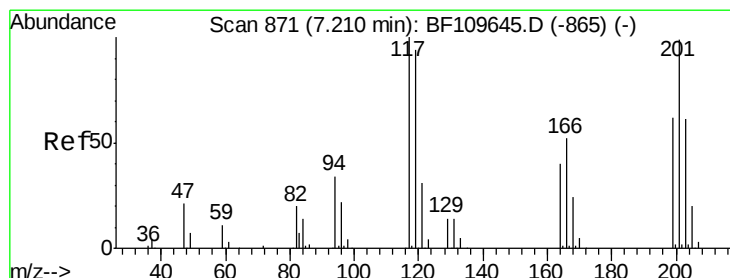
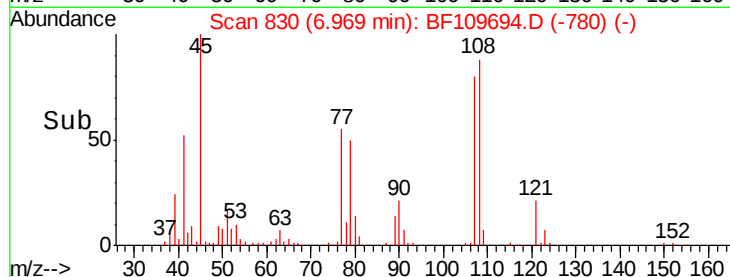
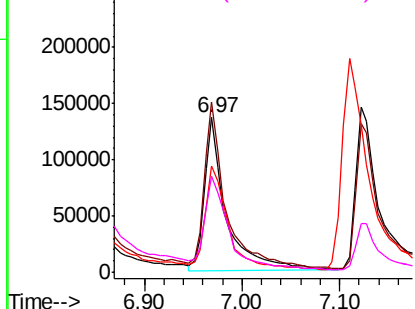
#17
2-Methylphenol
Concen: 43.676 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	209191
Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.6	138.8
77	69.0	59.4	89.2
79	62.5	54.0	81.0

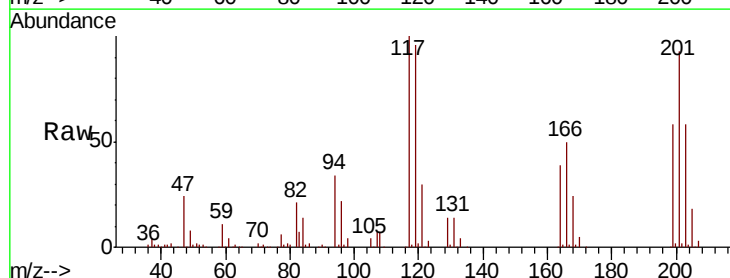


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

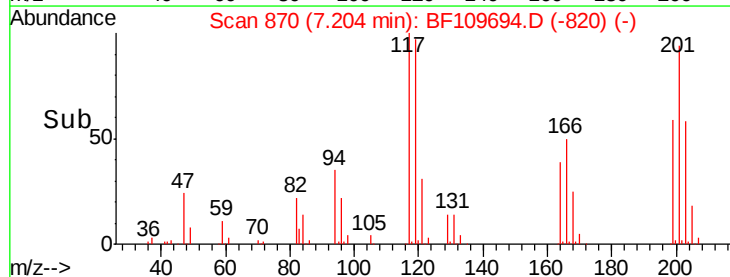
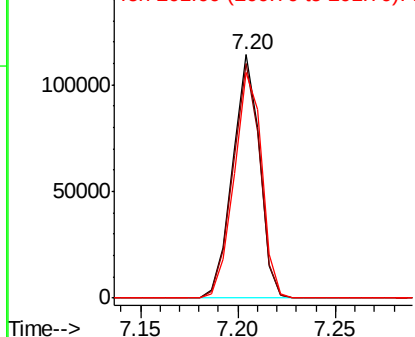


#18
Hexachloroethane
Concen: 40.909 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:	117	Resp:	109192
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.6
201	92.6	79.2	118.8



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

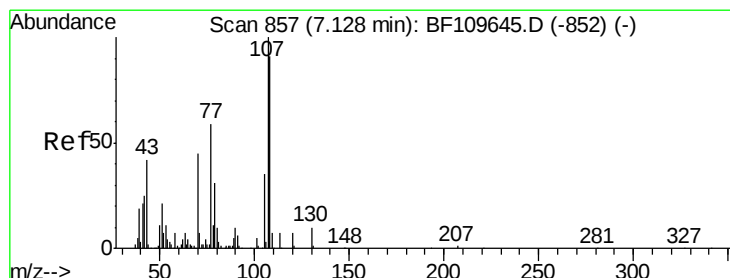
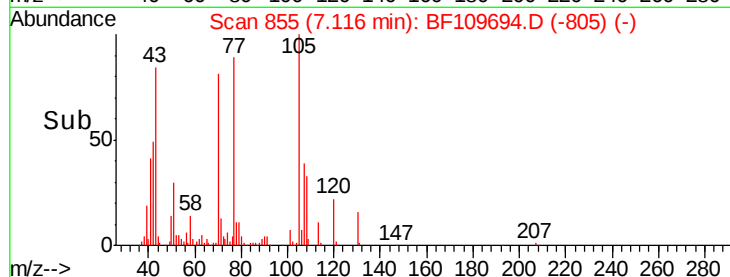
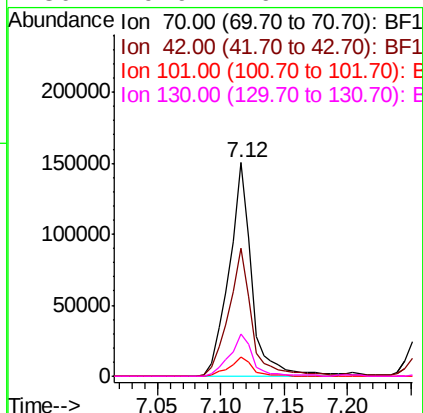
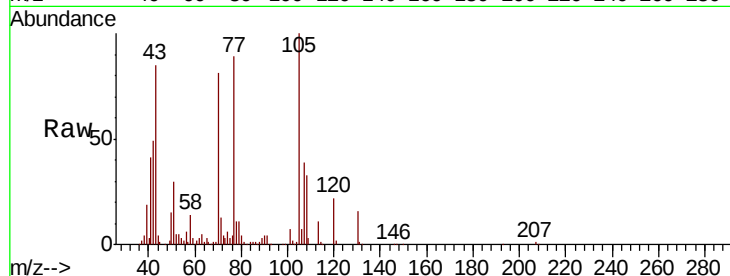




#19
n-Nitroso-di-n-propylamine
Concen: 40.546 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

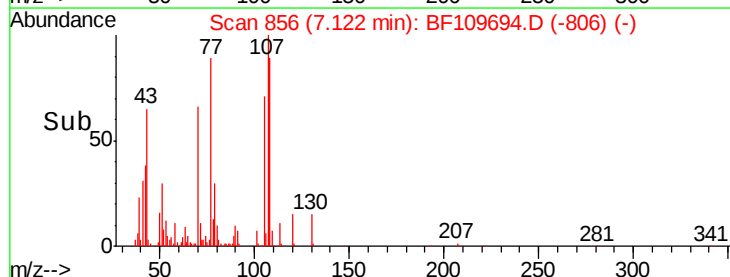
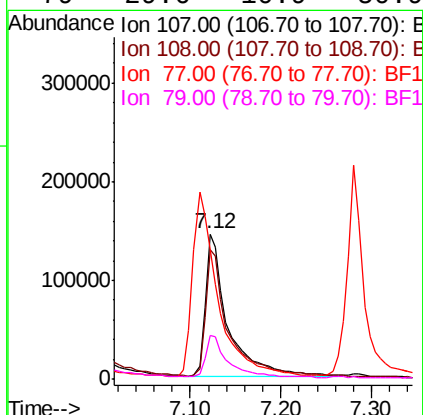
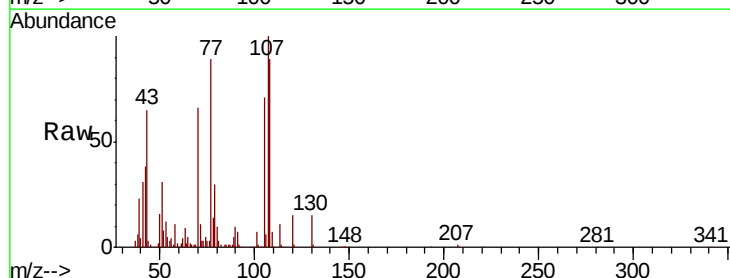
Instrument :
BNA_F
ClientSampleId :

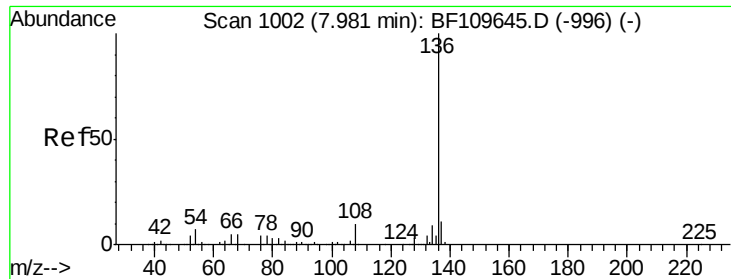
Tot Ion:	70	Resp:	187063
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.4	71.2
101	9.0	7.3	10.9
130	19.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.845 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:	107	Resp:	252868
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.4	111.4
77	88.9	47.3	87.3#
79	29.6	10.9	50.9

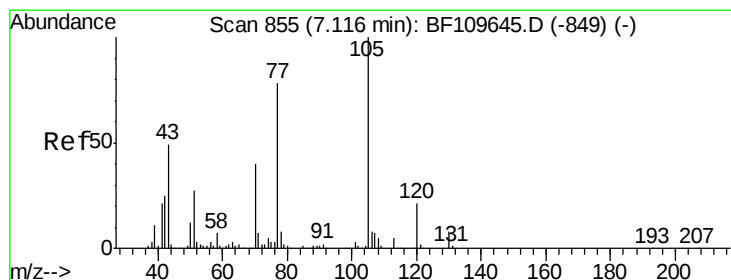
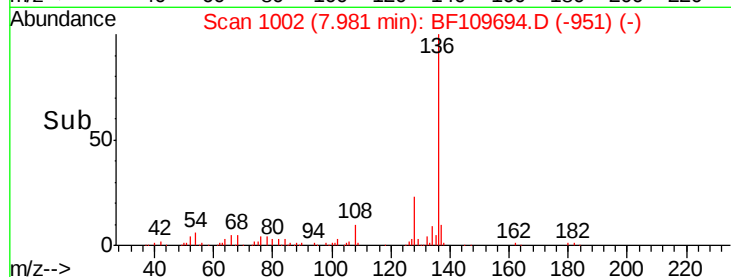
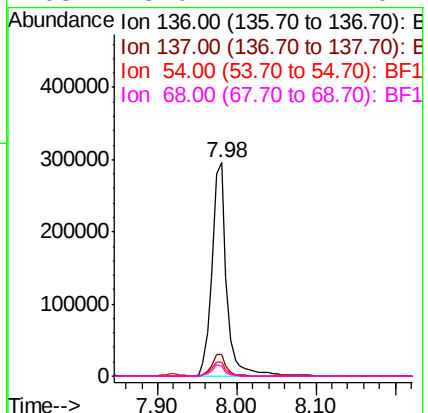
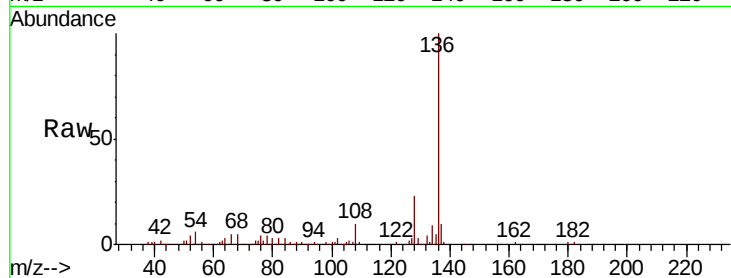




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

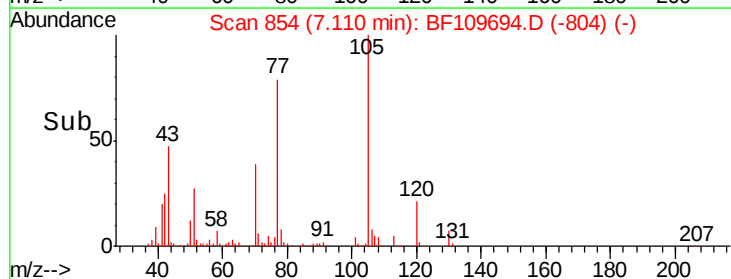
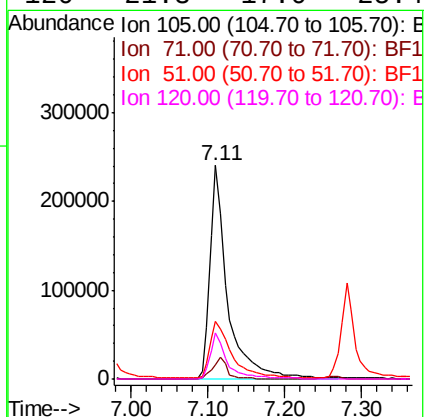
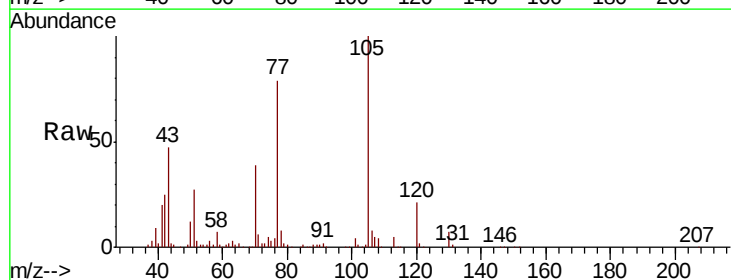
Instrument :
BNA_F
ClientSampleId :

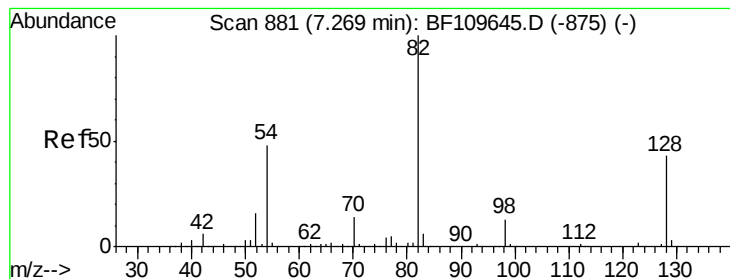
Tot Ion:136	Resp:	380019
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.8	13.2
54 6.5	5.4	8.2
68 5.0	4.2	6.2



#22
Acetophenone
Concen: 41.392 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt	Ion:105	Resp:	380380
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.2	7.8
51	27.2	21.8	32.8
120	21.3	17.0	25.4





#23

Nitrobenzene-d5

Concen: 83.900 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampled :

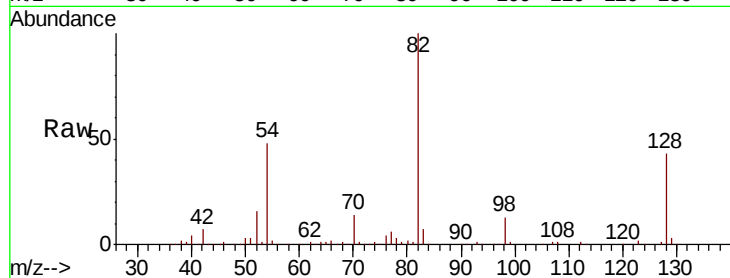
Tot Ion: 82 Resp: 578405

Ion Ratio Lower Upper

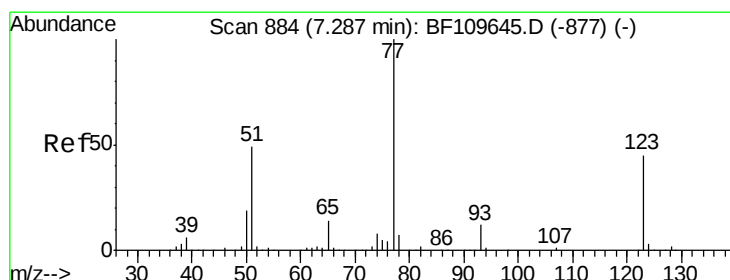
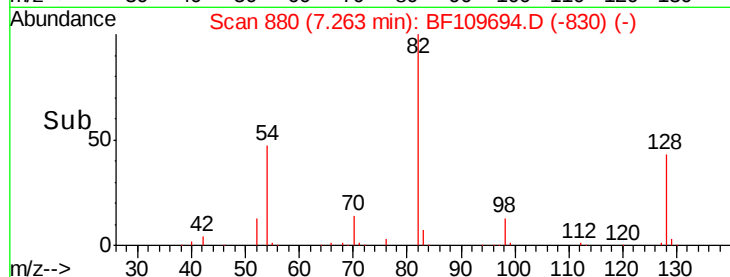
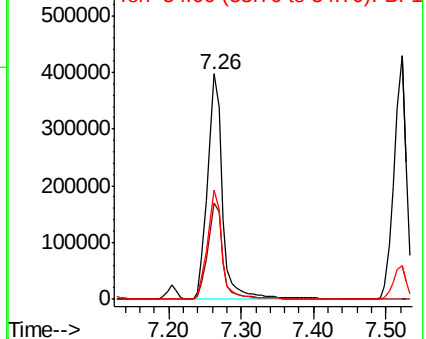
82 100

128 42.7 34.2 51.2

54 48.3 38.6 58.0



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



#24

Nitrobenzene

Concen: 39.175 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

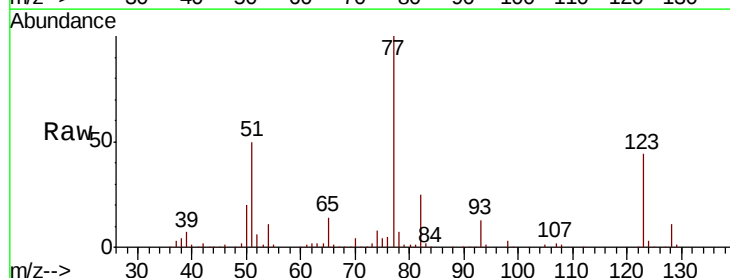
Tgt Ion: 77 Resp: 281023

Ion Ratio Lower Upper

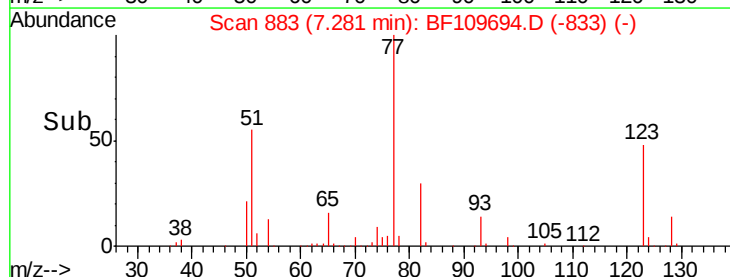
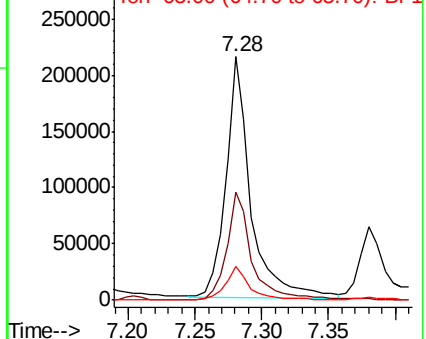
77 100

123 44.2 35.7 53.5

65 13.9 10.7 16.1



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





#25

Isophorone

Concen: 45.048 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampled :

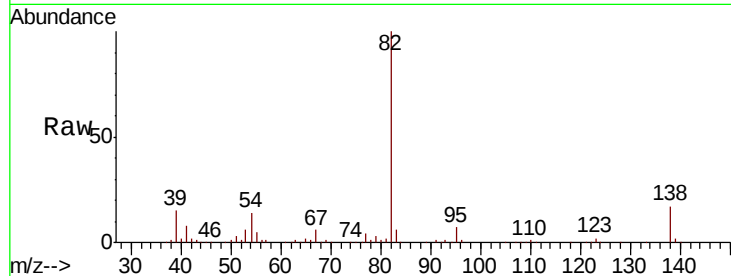
Tot Ion: 82 Resp: 515699

Ion Ratio Lower Upper

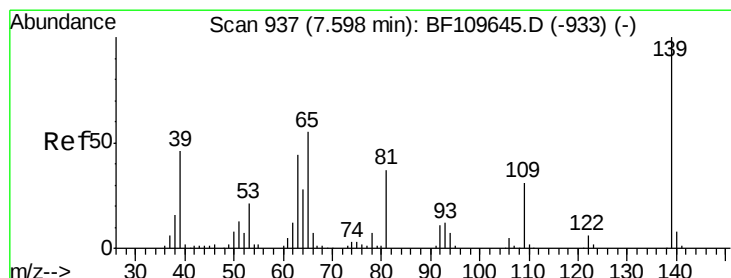
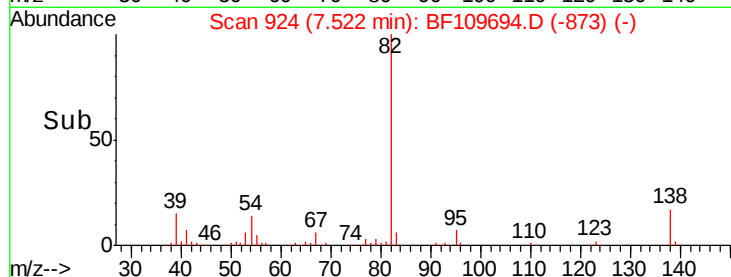
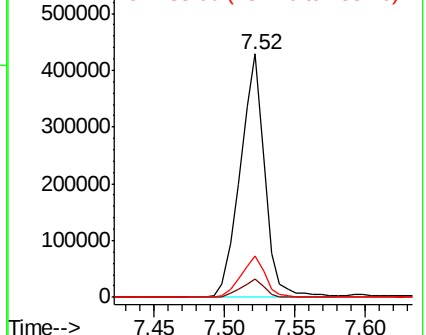
82 100

95 7.3 5.7 8.5

138 17.2 13.2 19.8



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



#26

2-Nitrophenol

Concen: 42.580 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

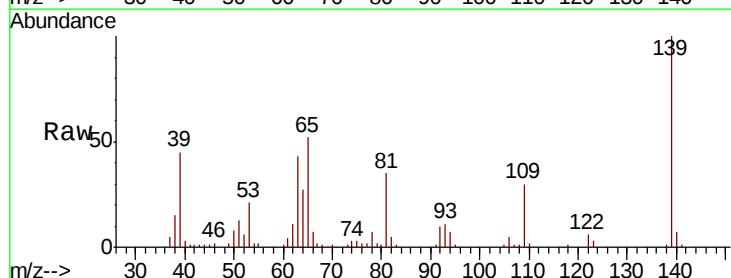
Tgt Ion: 139 Resp: 142874

Ion Ratio Lower Upper

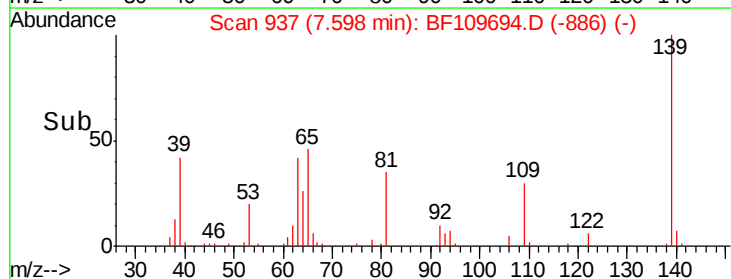
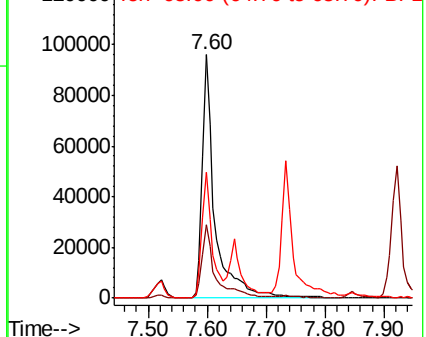
139 100

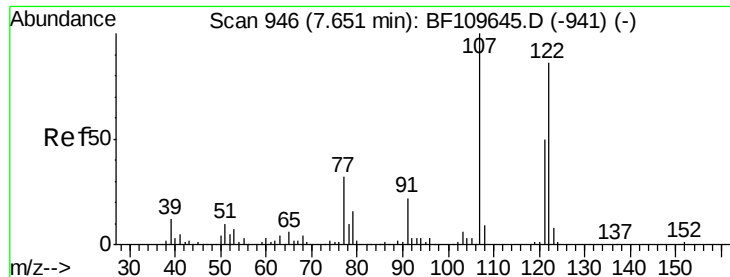
109 29.9 25.0 37.6

65 51.9 44.0 66.0



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

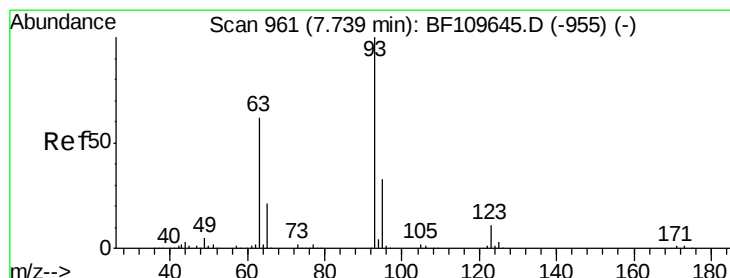
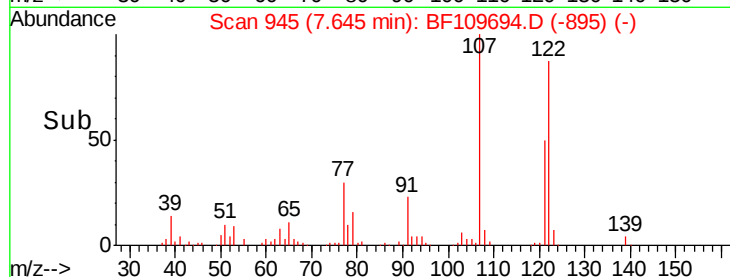
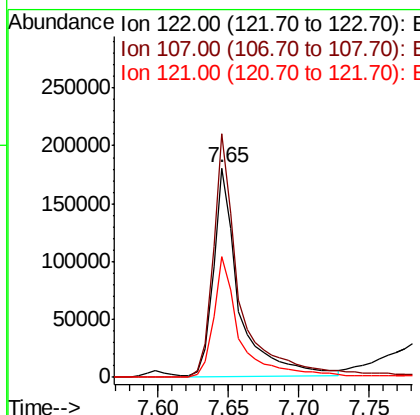
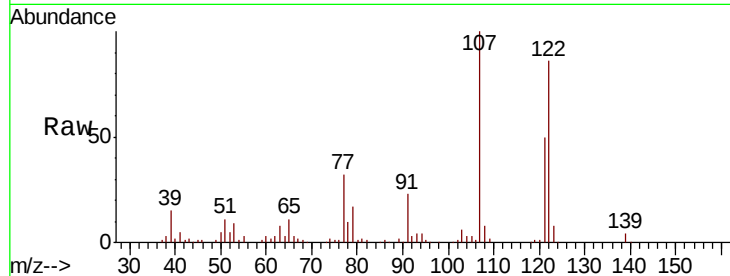




#27
 2,4-Dimethylphenol
 Concen: 47.140 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

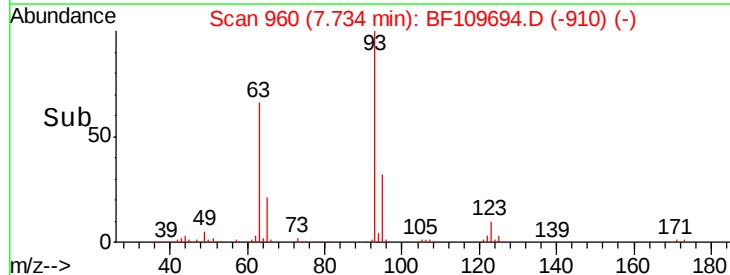
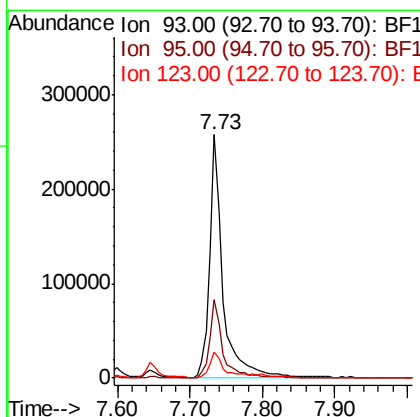
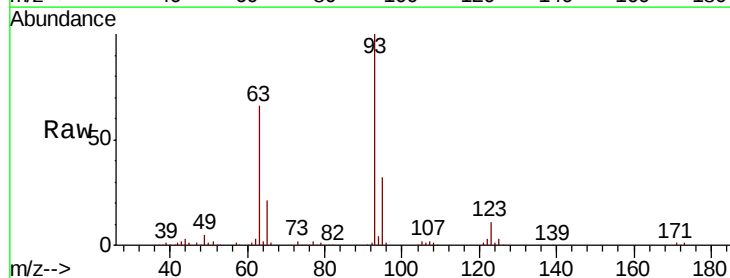
Instrument :
 BNA_F
 ClientSampleId :

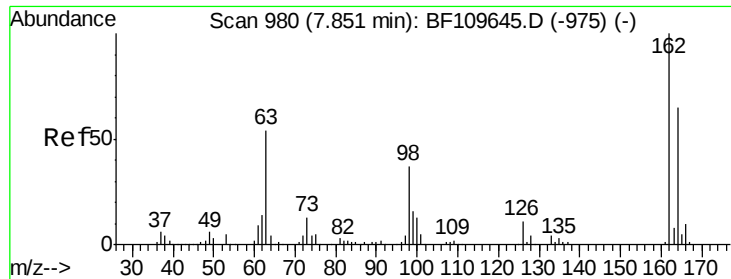
Tot Ion:122 Resp: 228414
 Ion Ratio Lower Upper
 122 100
 107 116.4 92.5 138.7
 121 57.8 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.989 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion: 93 Resp: 325135
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.4 39.6
 123 10.6 9.0 13.6

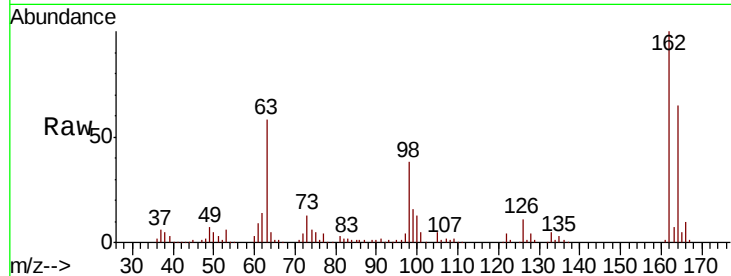




#29
 2,4-Dichlorophenol
 Concen: 42.628 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	38.3	17.4	57.4

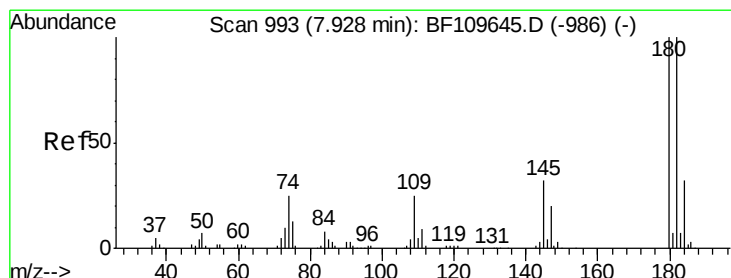
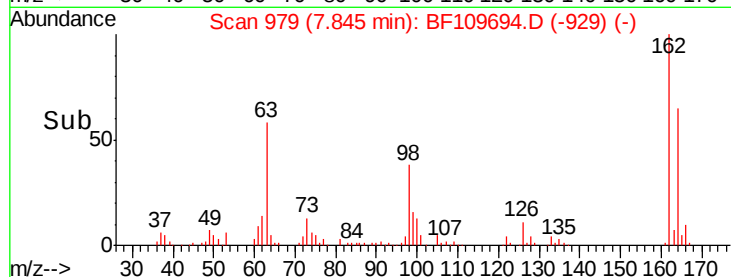
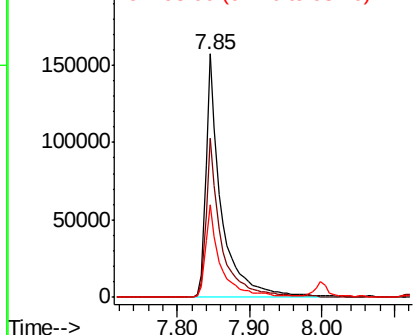


Abundance

Ion 162.00 (161.70 to 162.70): E

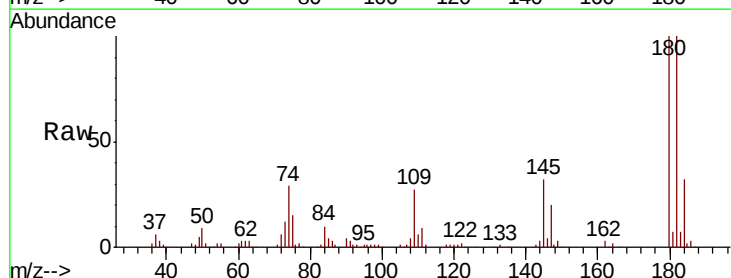
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.728 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	80.3	120.5
145	32.3	25.4	38.0

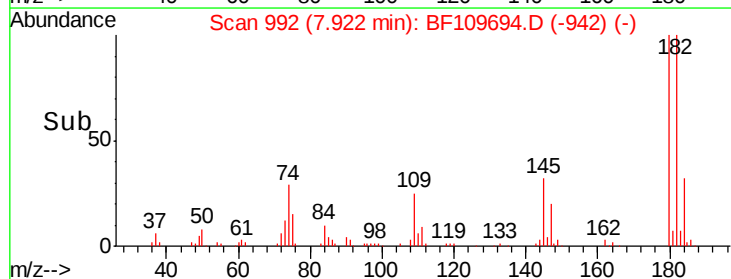
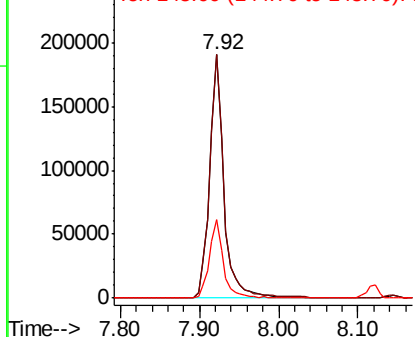


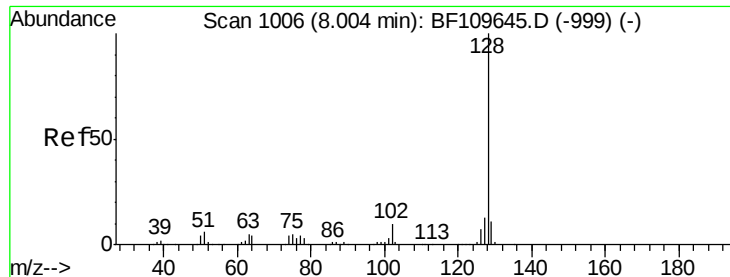
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

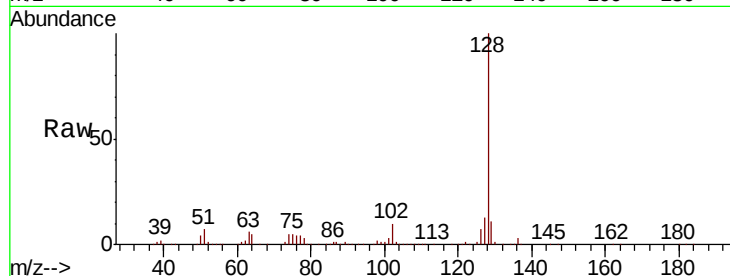




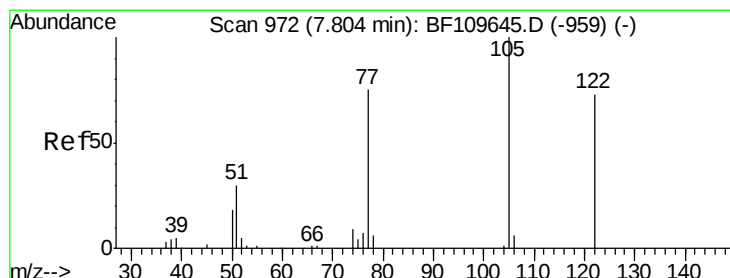
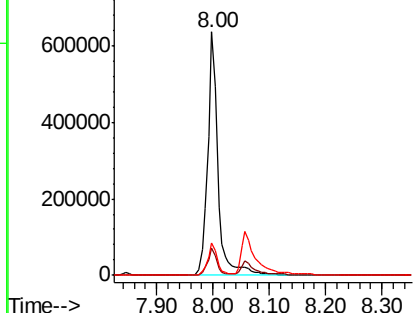
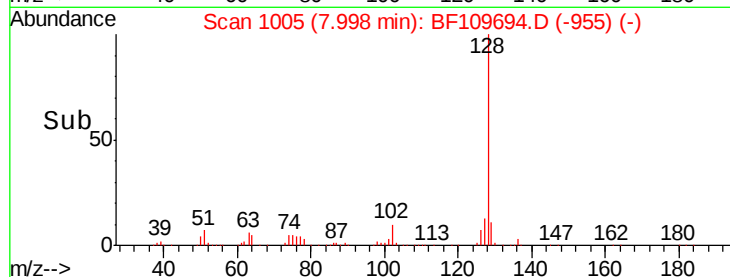
#31
Naphthalene
Concen: 46.252 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 812869
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.8 16.2

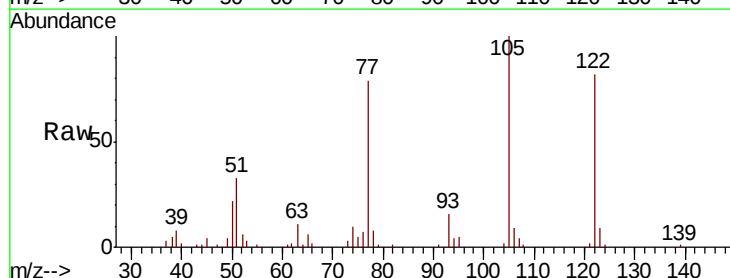


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

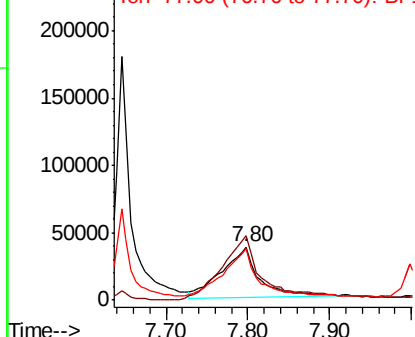
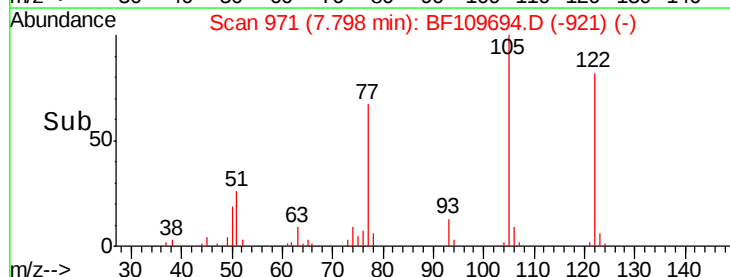


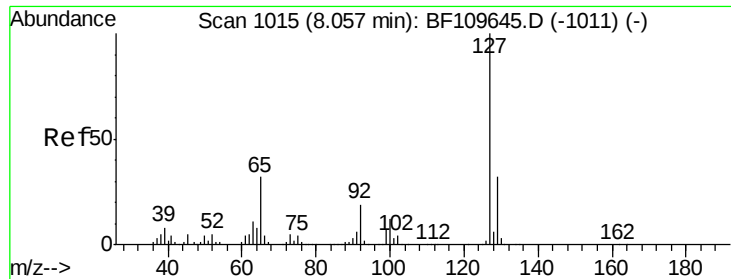
#32
Benzoic acid
Concen: 34.236 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:122 Resp: 118603
Ion Ratio Lower Upper
122 100
105 122.7 109.0 149.0
77 97.2 79.0 119.0



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

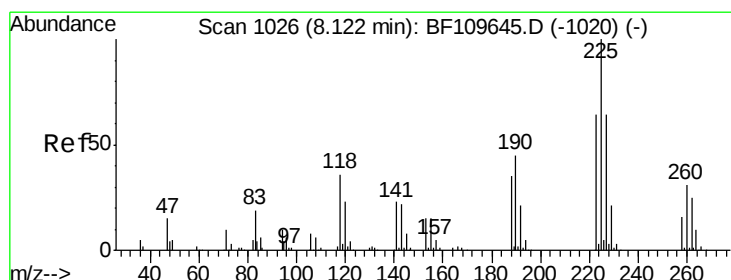
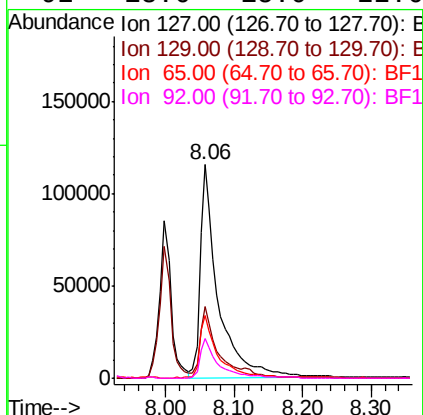
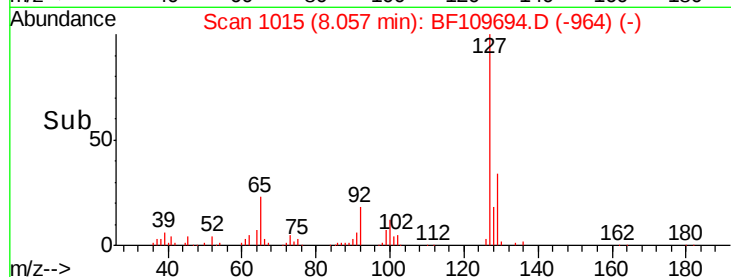
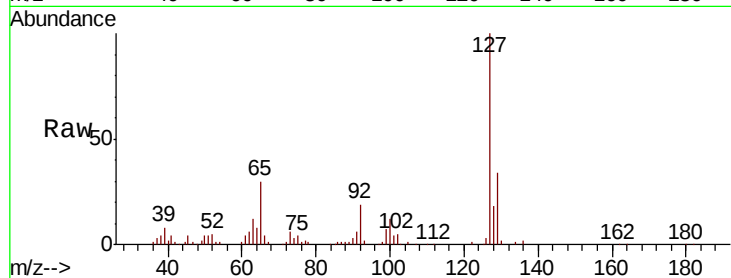




#33
4-Chloroaniline
Concen: 27.486 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

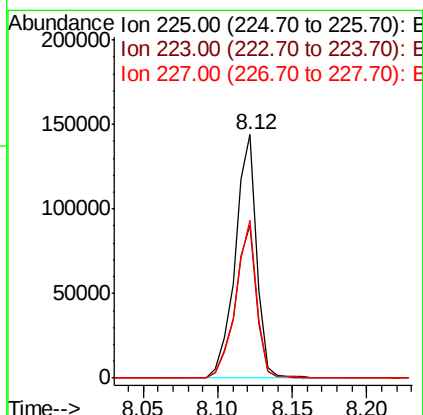
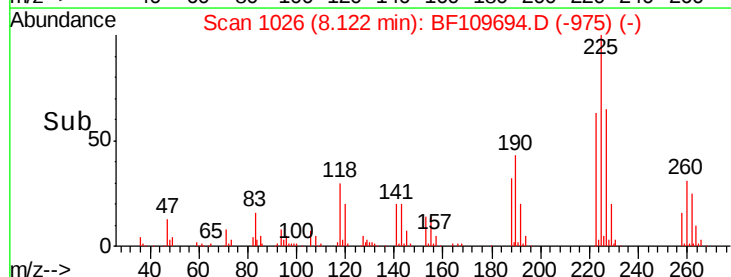
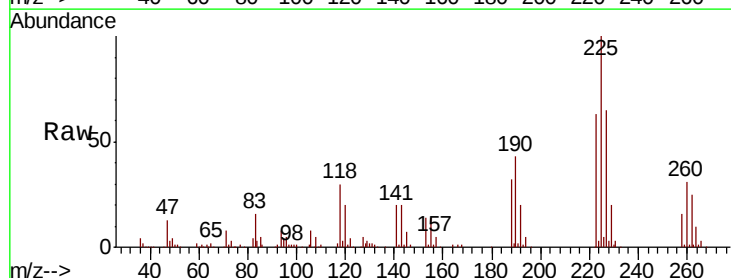
Instrument :
BNA_F
ClientSampleId :

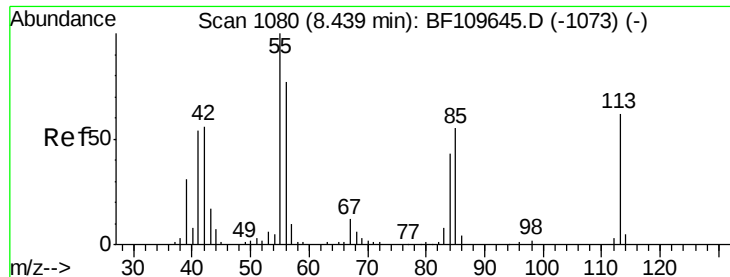
Tot Ion:	127	Resp:	212723
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.0	39.0
65	29.6	25.1	37.7
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.779 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:	225	Resp:	145066
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	64.6	51.0	76.6

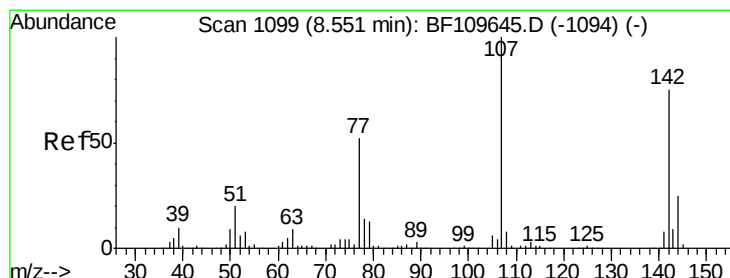
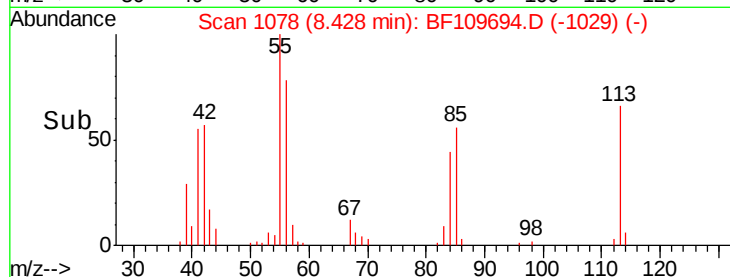
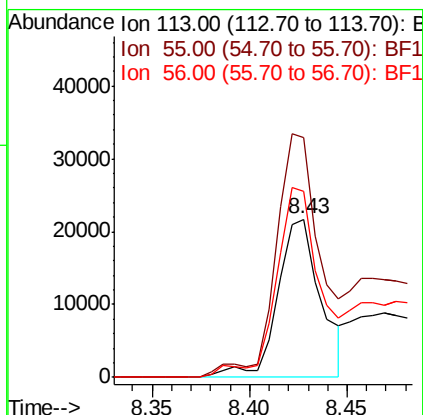
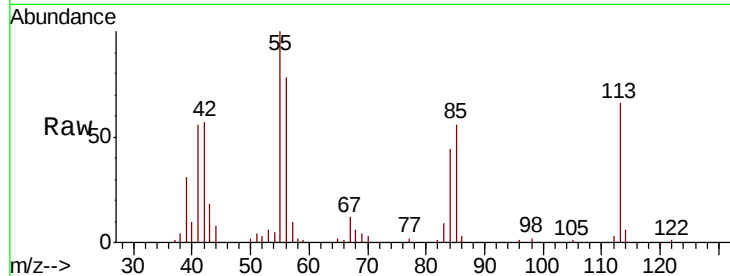




#35
 Caprolactam
 Concen: 20.515 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

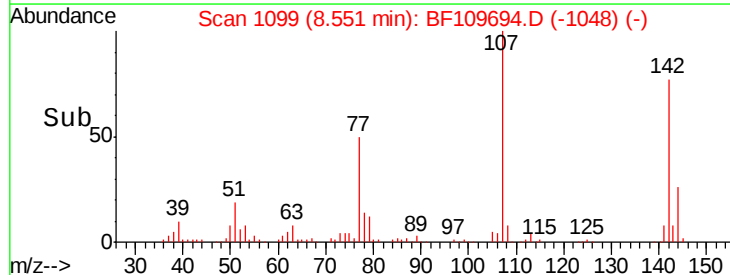
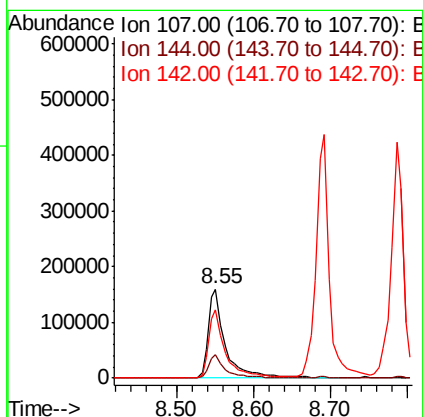
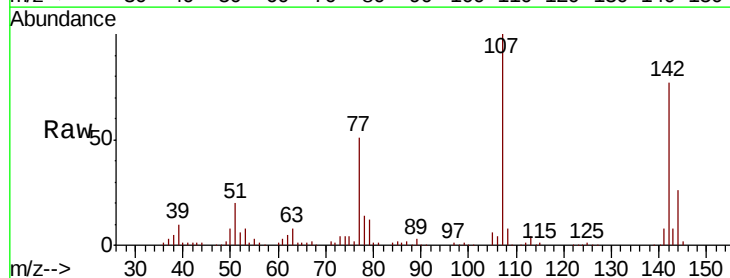
Instrument :
 BNA_F
 ClientSampled :

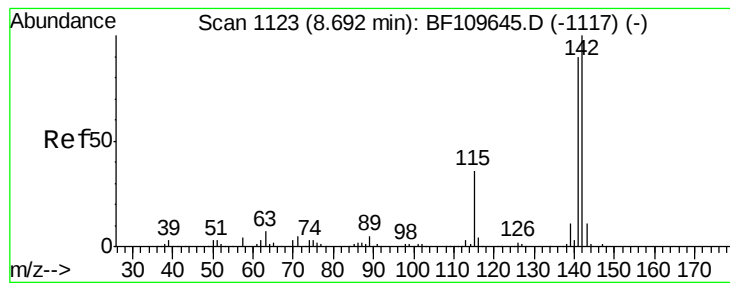
Tot Ion:113 Resp: 33298
 Ion Ratio Lower Upper
 113 100
 55 151.4 142.8 182.8
 56 117.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.053 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion:107 Resp: 246998
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.0 30.0
 142 76.9 59.7 89.5





#37

2-Methylnaphthalene

Concen: 45.582 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampled :

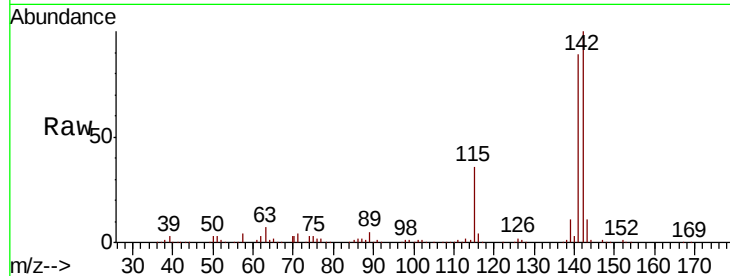
Tot Ion:142 Resp: 524752

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.2

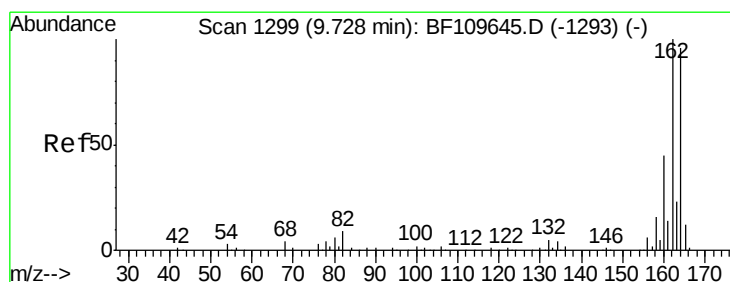
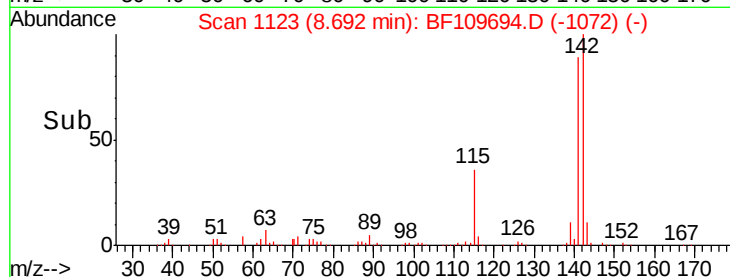
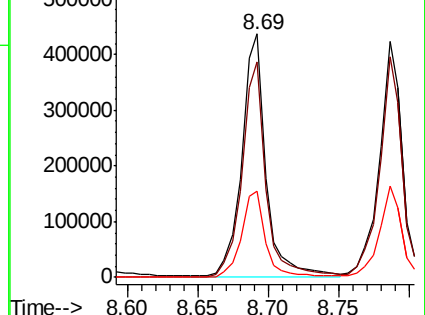
115 35.5 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

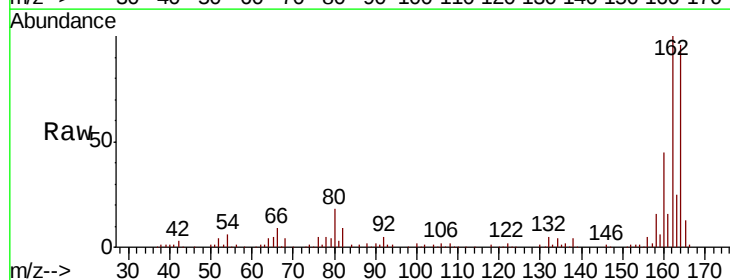
Tgt Ion:164 Resp: 187744

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

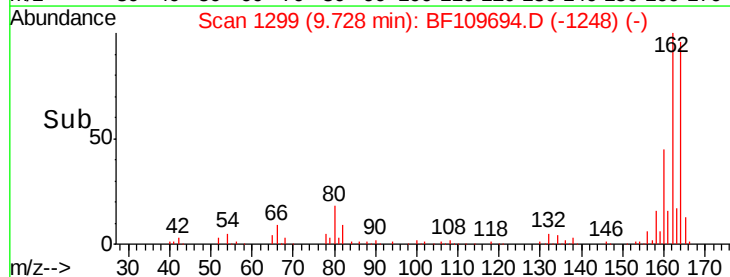
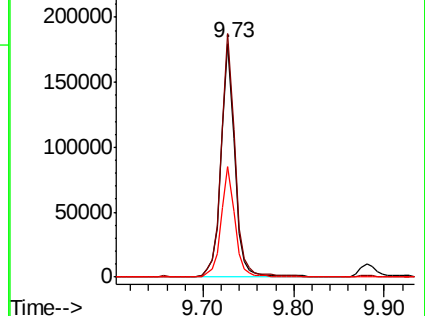
160 47.0 37.0 55.6

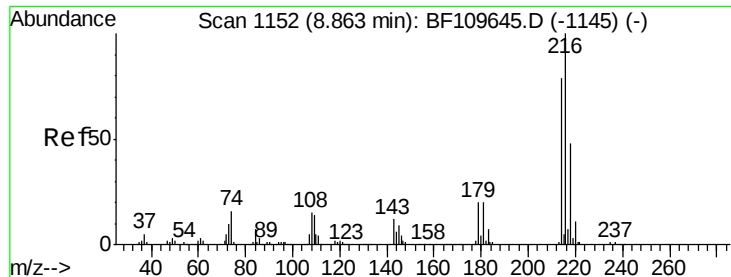


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.108 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 243542

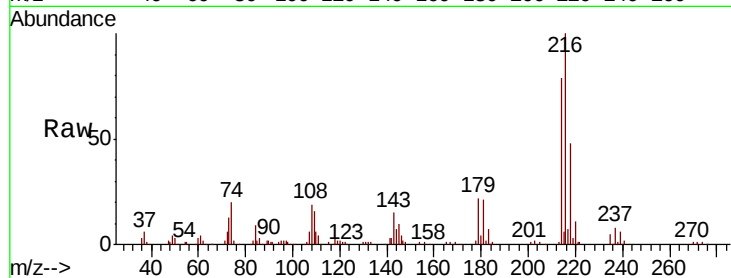
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.6

179 21.1 16.6 25.0

108 20.4 15.1 22.7

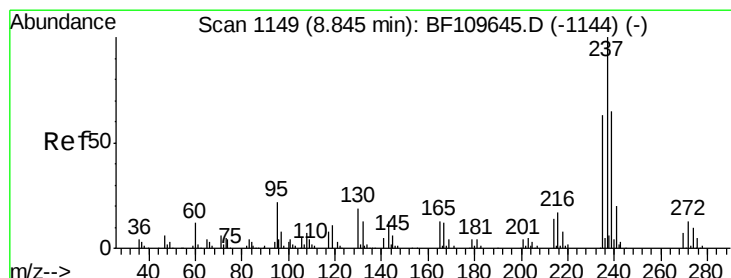
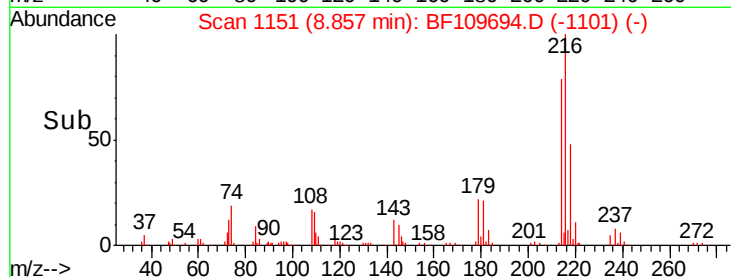
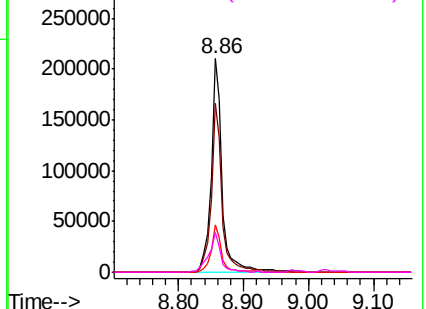


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.778 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

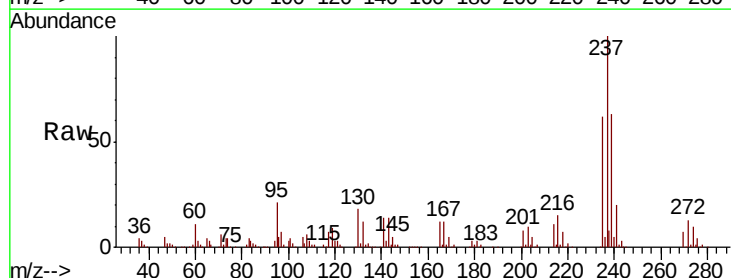
Tgt Ion:237 Resp: 241636

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

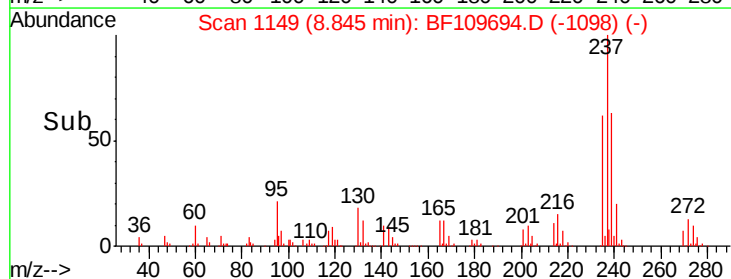
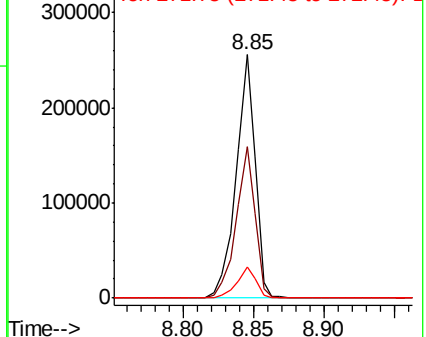
272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

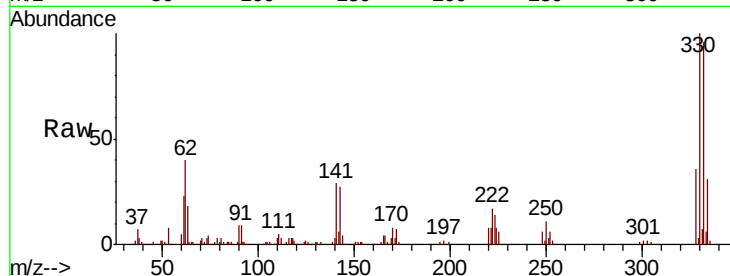




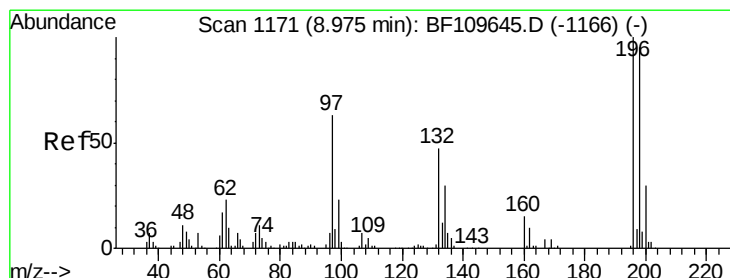
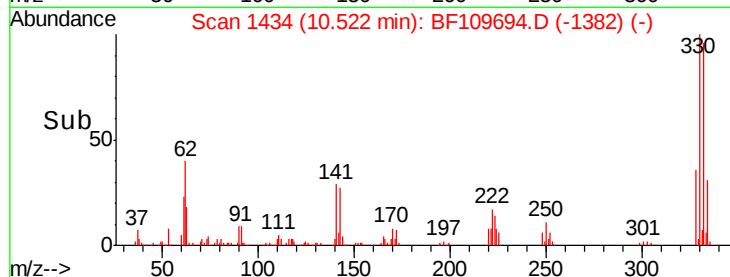
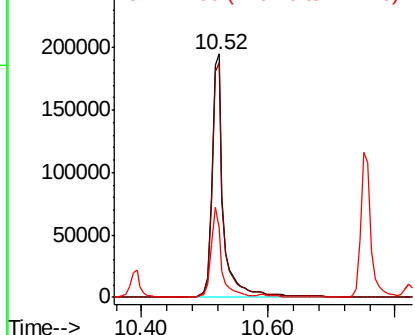
#41
 2,4,6-Tribromophenol
 Concen: 123.941 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 253542
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 33.8 27.0 40.4

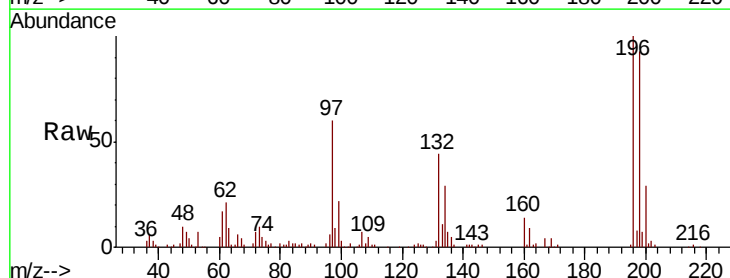


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

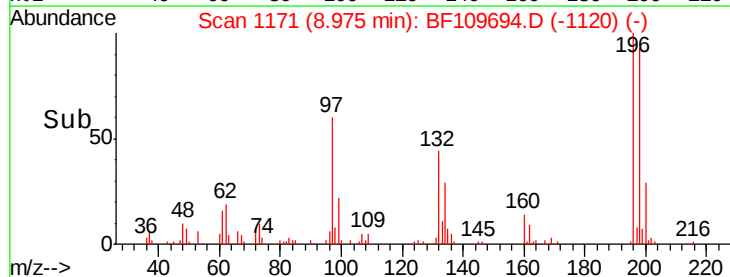
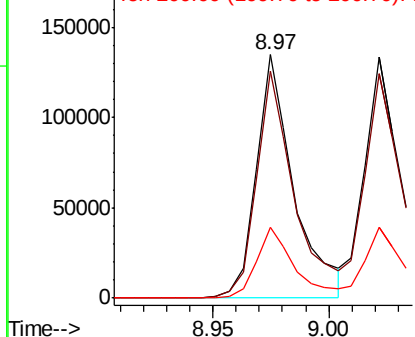


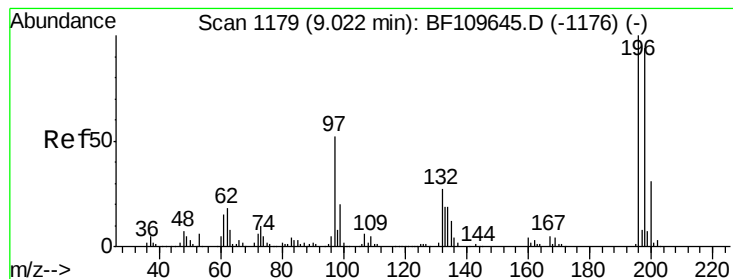
#42
 2,4,6-Trichlorophenol
 Concen: 39.981 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion:196 Resp: 152746
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.4
 200 29.2 24.4 36.6



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: 39.544 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 173703

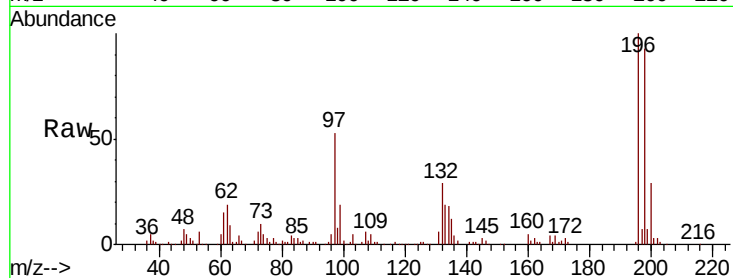
Ion Ratio Lower Upper

196 100

198 93.1 75.8 113.6

97 52.8 42.4 63.6

132 29.1 22.8 34.2

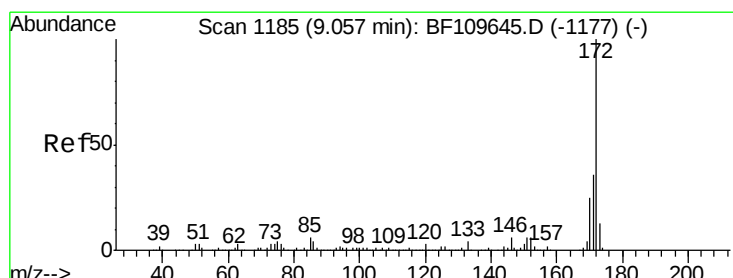
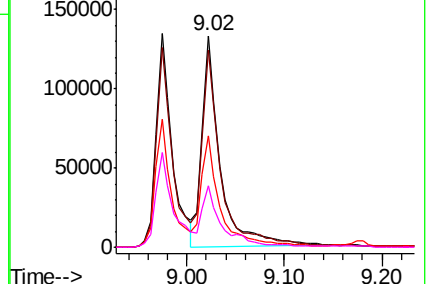
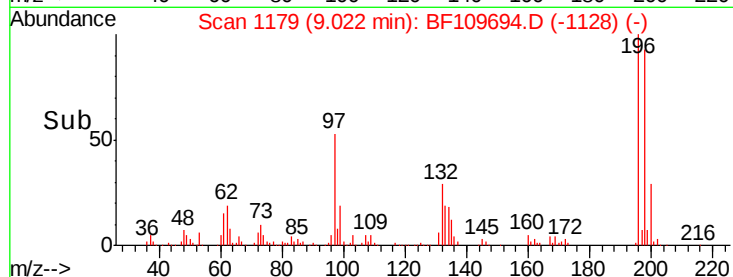


Abundance Ion 196.00 (195.70 to 196.70): E

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: 83.286 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

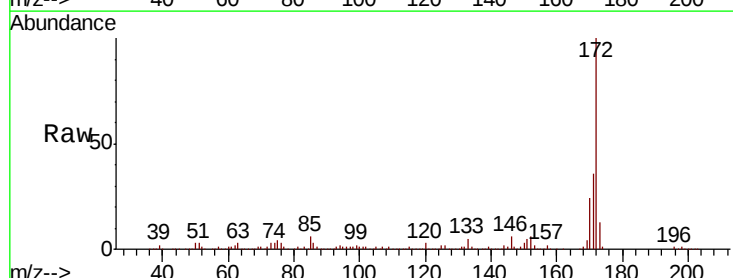
Tgt Ion:172 Resp: 1135340

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

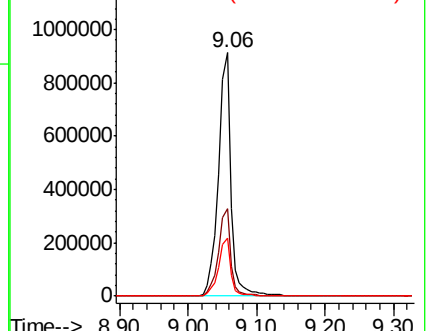
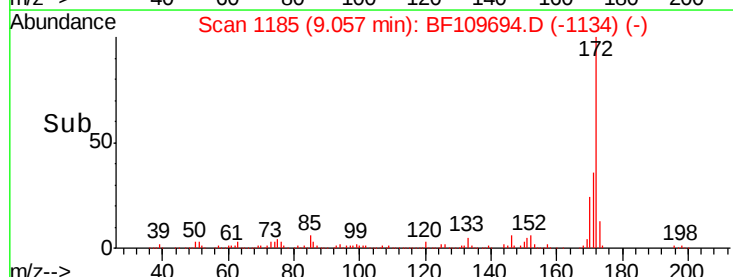
170 23.7 19.7 29.5

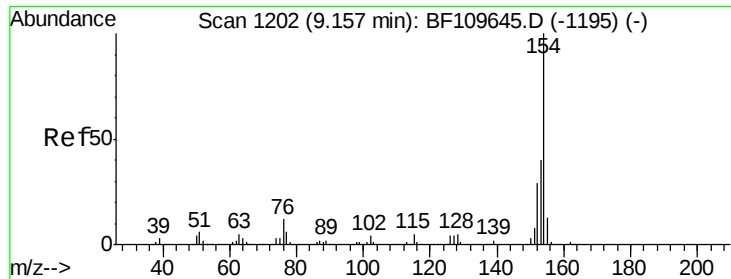


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

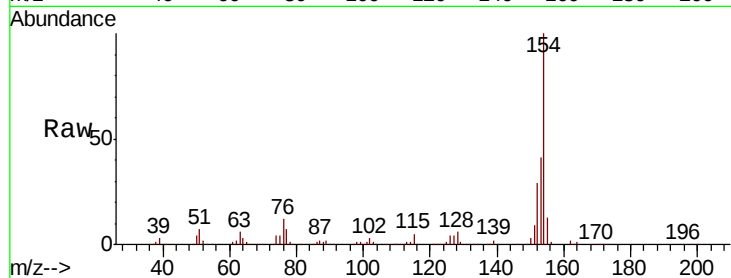




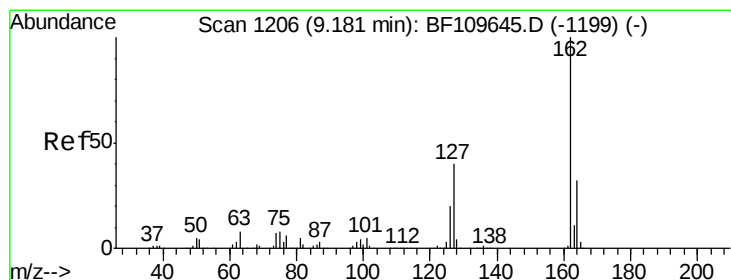
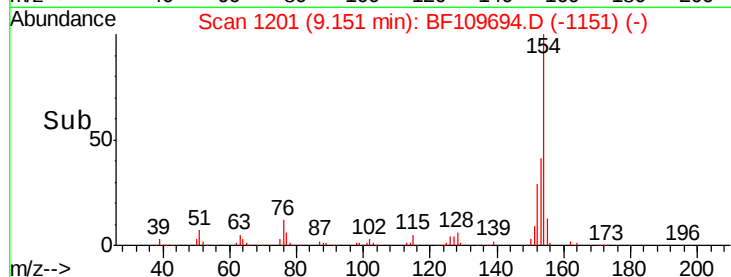
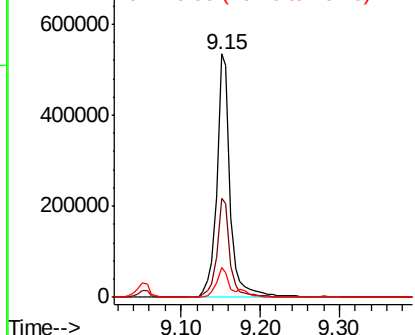
#45
 1,1'-Biphenyl
 Concen: 37.646 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 631404
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.4 60.4
 76 12.4 0.0 31.9

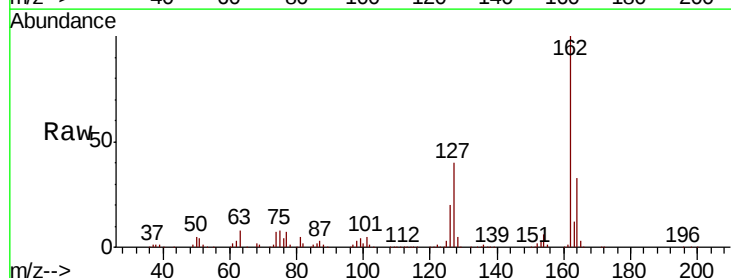


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

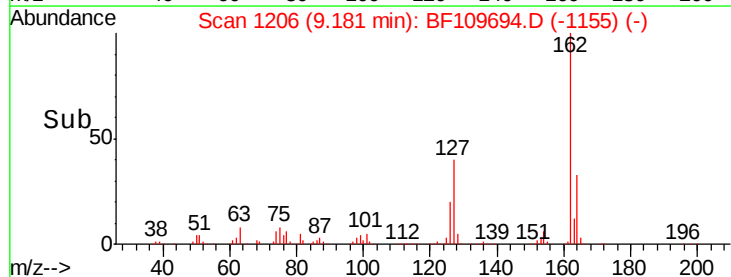
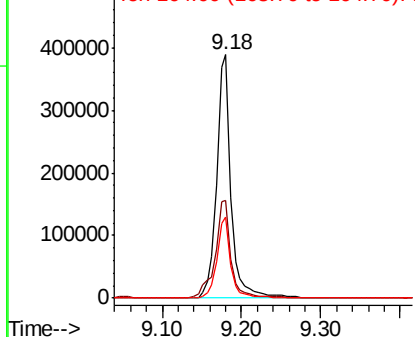


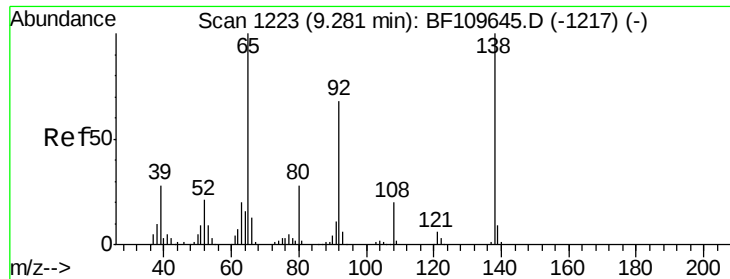
#46
 2-Chloronaphthalene
 Concen: 38.862 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion:162 Resp: 488322
 Ion Ratio Lower Upper
 162 100
 127 40.3 32.6 48.8
 164 33.4 25.9 38.9



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

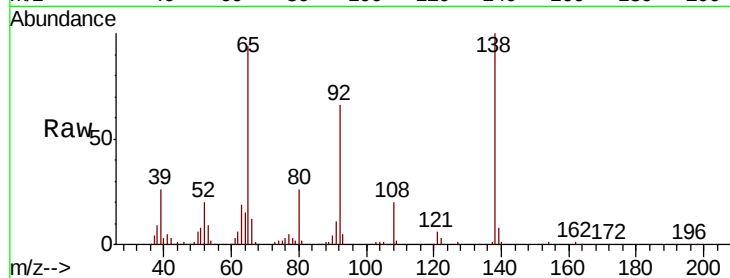




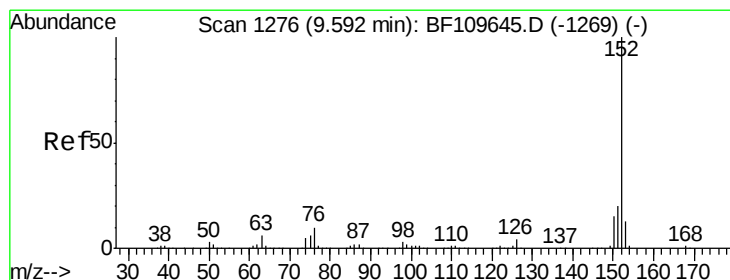
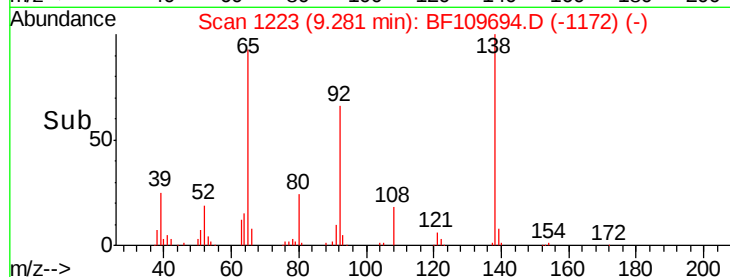
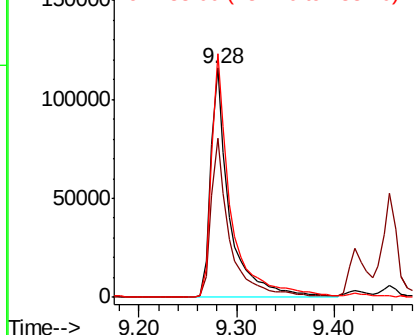
#47
2-Nitroaniline
Concen: 40.870 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.6	81.8
138	106.3	80.3	120.5

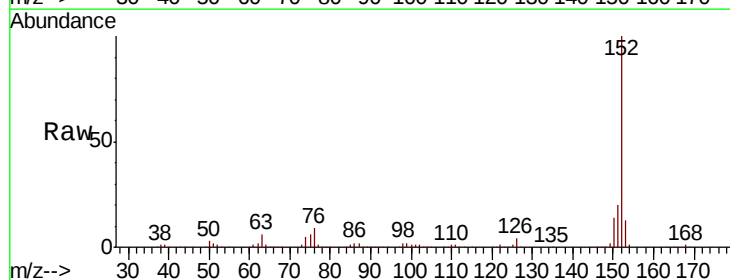


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

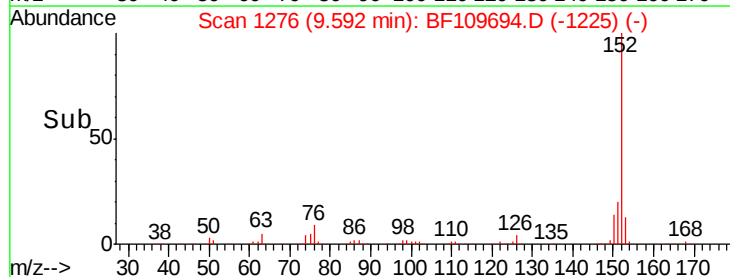
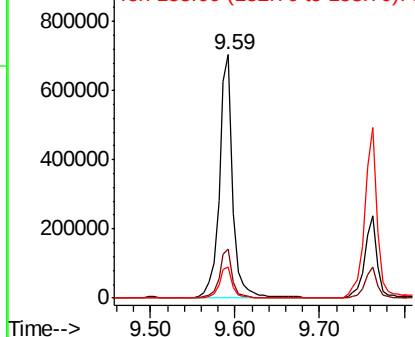


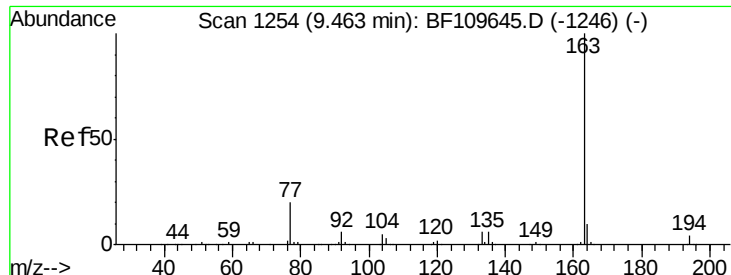
#48
Acenaphthylene
Concen: 43.101 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.4	15.6



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

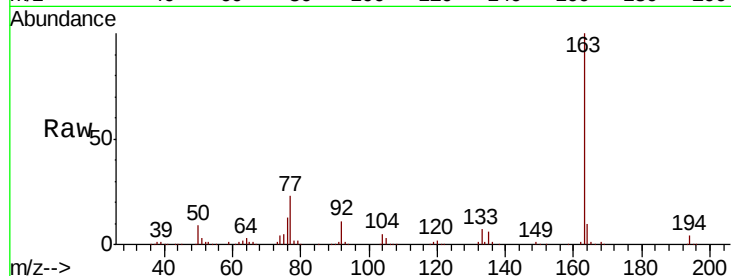




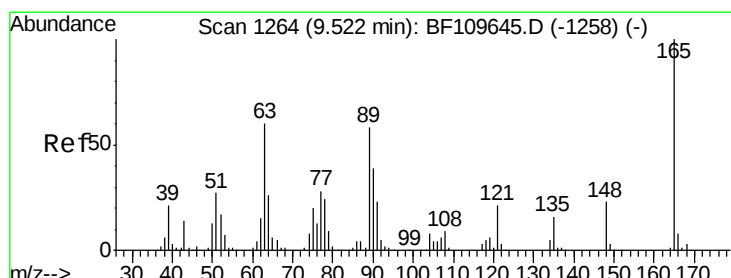
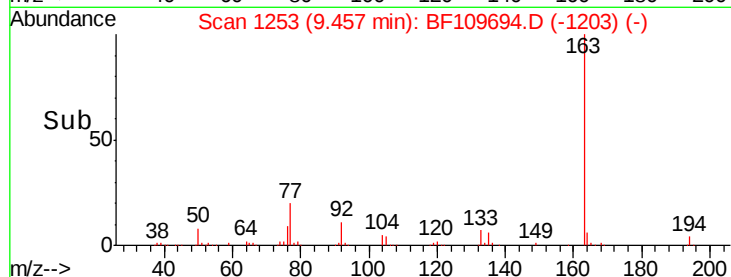
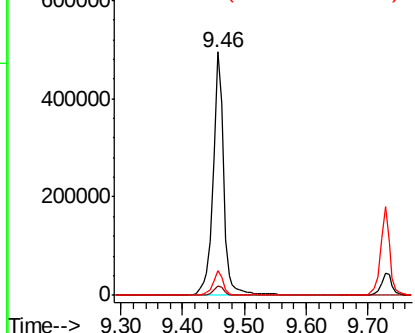
#49
Dimethylphthalate
Concen: 41.537 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.3	8.1	12.1

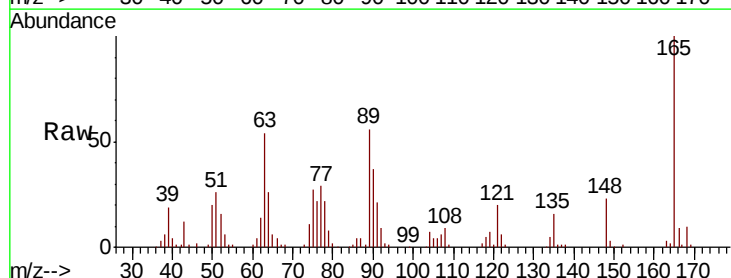


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

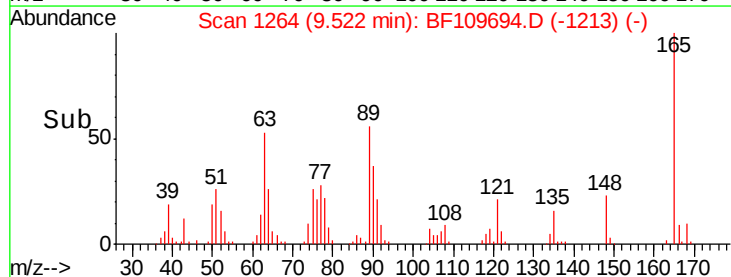
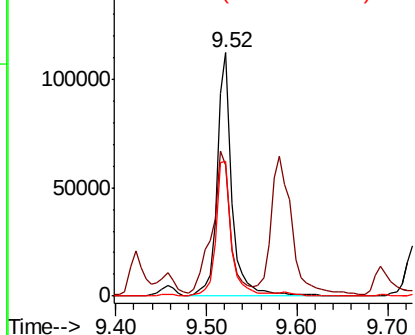


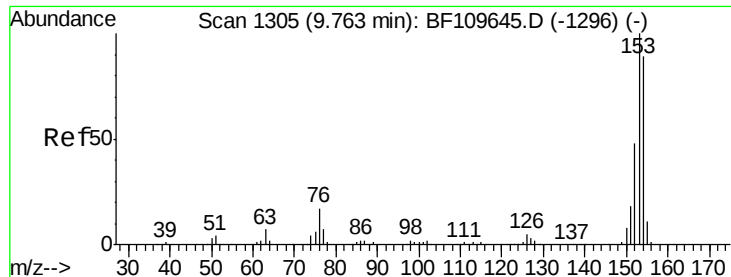
#50
2,6-Dinitrotoluene
Concen: 41.810 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.0	48.9	73.3
89	55.6	46.6	69.8



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: 40.853 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

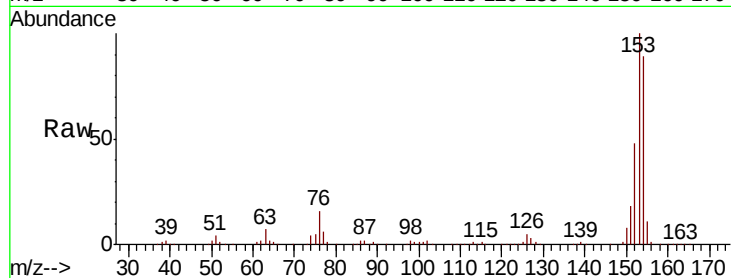
Tot Ion:154 Resp: 443637

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

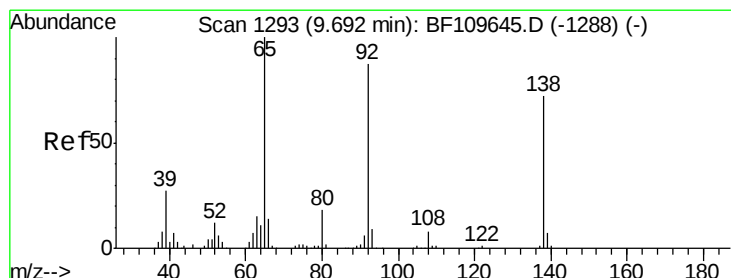
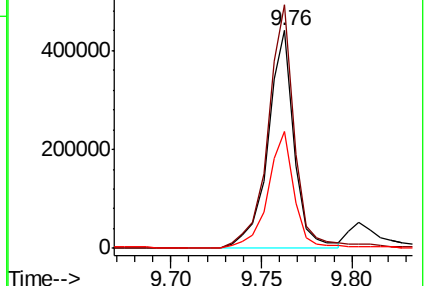
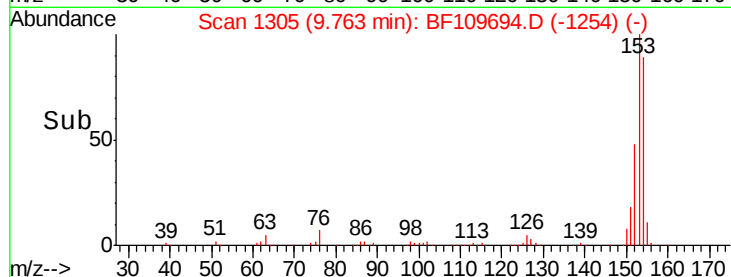
152 53.9 43.4 65.2



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: 28.586 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

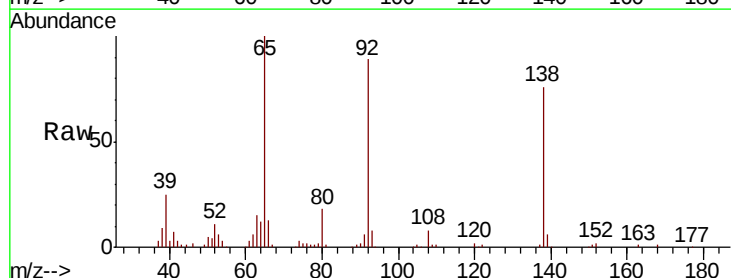
Tgt Ion:138 Resp: 95642

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

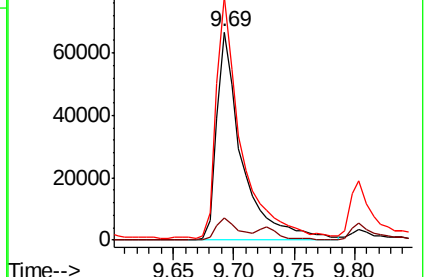
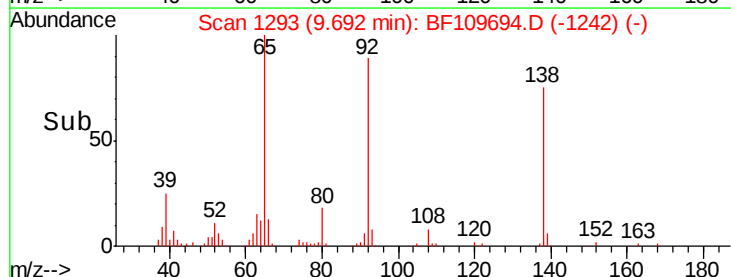
92 117.1 97.0 145.4

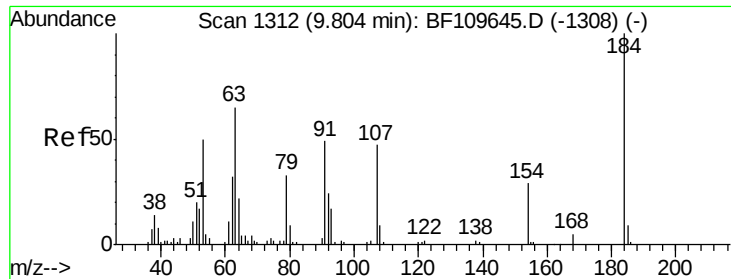


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

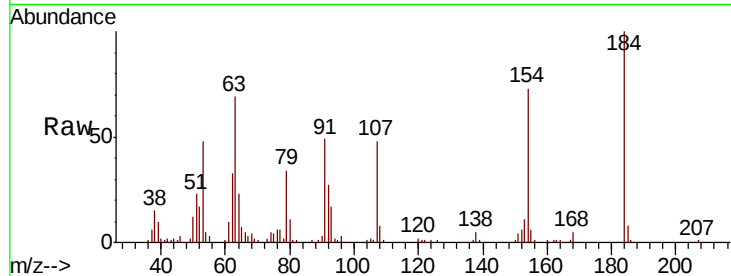




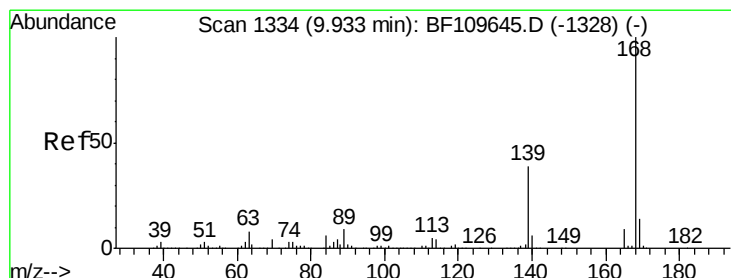
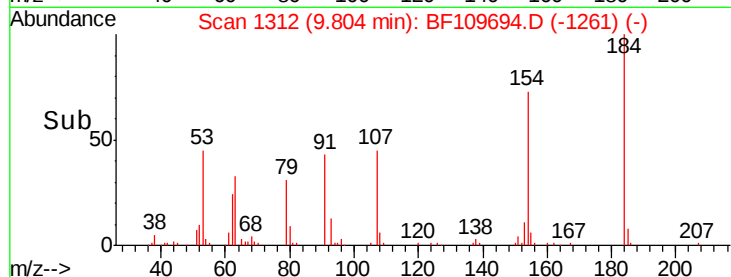
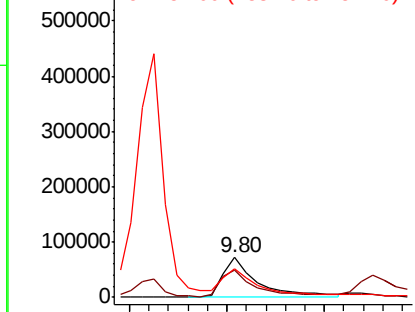
#53
2,4-Dinitrophenol
Concen: 94.954 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 91438
Ion Ratio Lower Upper
184 100
63 69.5 55.8 83.6
154 73.5 63.2 94.8

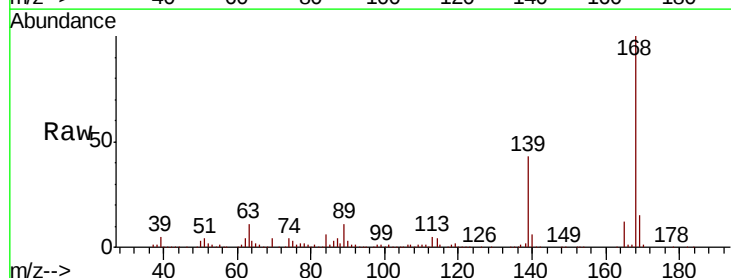


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

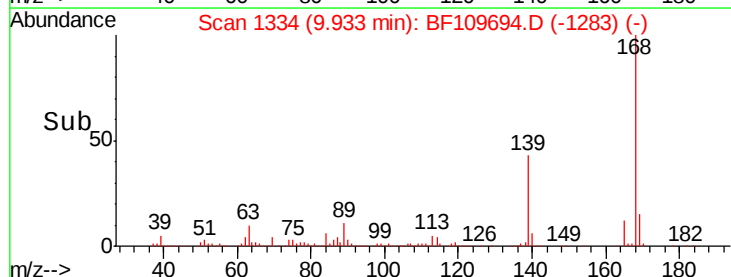
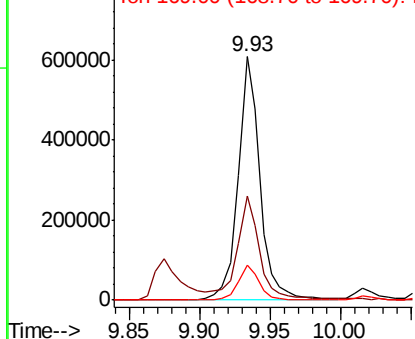


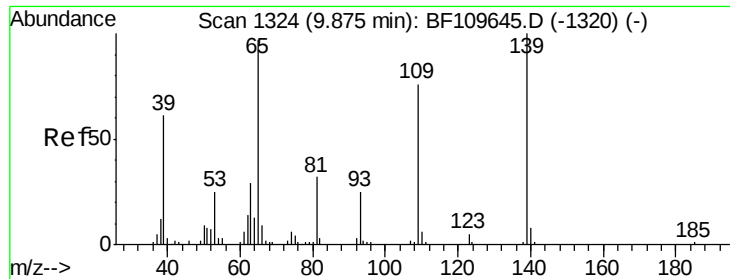
#54
Dibenzofuran
Concen: 40.310 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:168 Resp: 656167
Ion Ratio Lower Upper
168 100
139 42.6 33.0 49.6
169 14.6 11.3 16.9



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

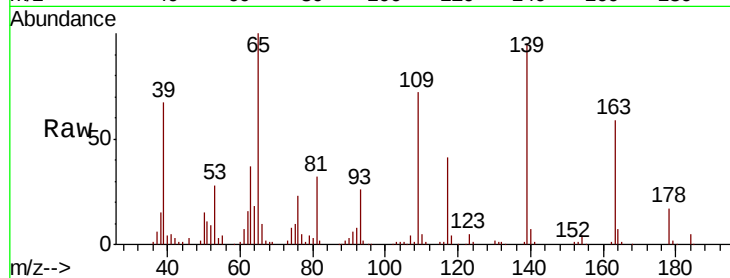




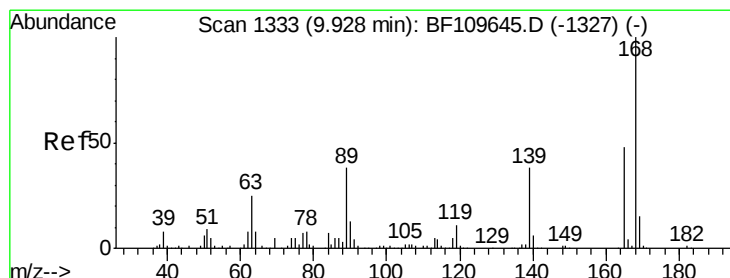
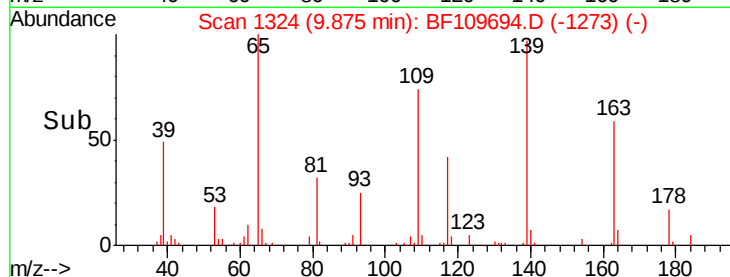
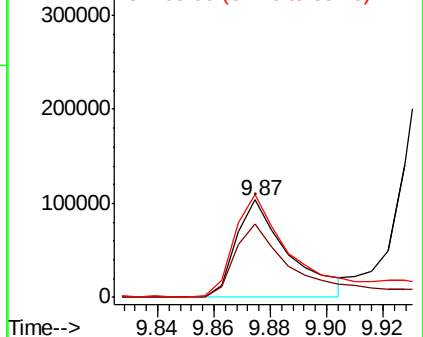
#55
4-Nitrophenol
Concen: 73.014 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 133715
Ion Ratio Lower Upper
139 100
109 75.7 55.8 95.8
65 105.3 77.9 117.9



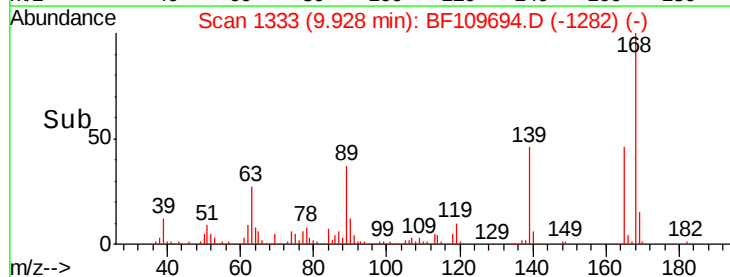
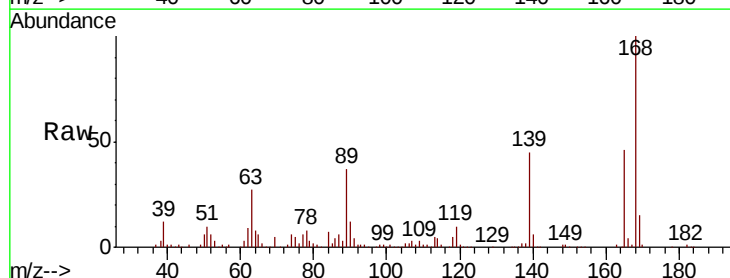
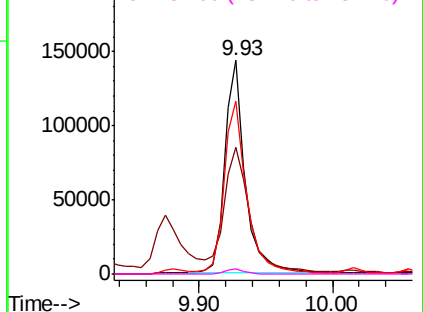
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

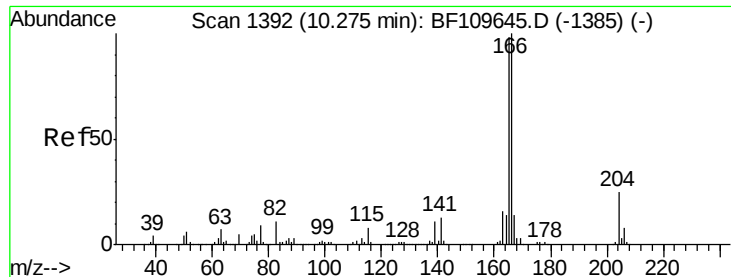


#56
2,4-Dinitrotoluene
Concen: 41.368 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:165 Resp: 154086
Ion Ratio Lower Upper
165 100
63 59.5 44.8 67.2
89 80.6 62.2 93.4
182 2.6 2.1 3.1

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.208 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

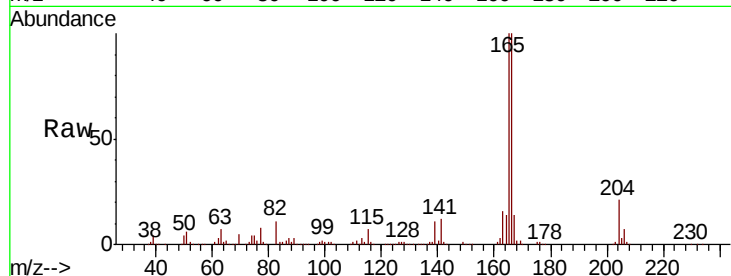
Tot Ion:166 Resp: 525239

Ion Ratio Lower Upper

166 100

165 99.6 78.6 117.8

167 13.6 10.8 16.2

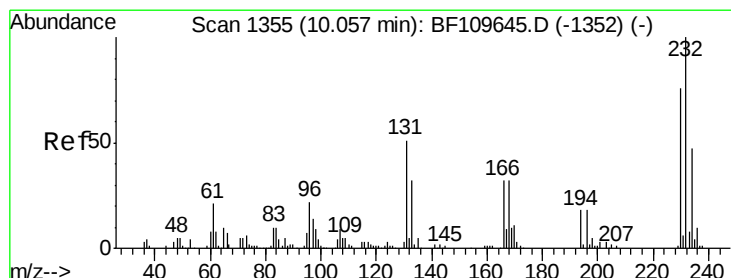
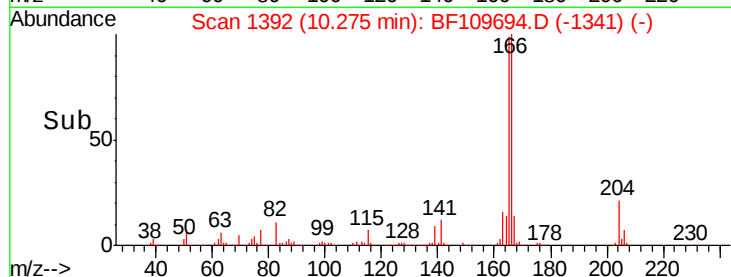
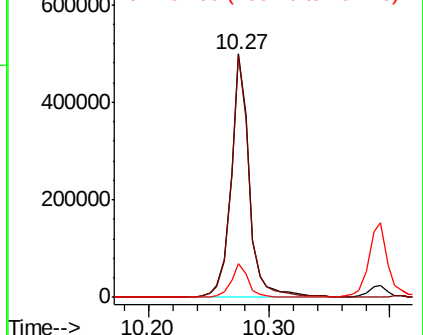


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.450 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Tgt Ion:232 Resp: 148007

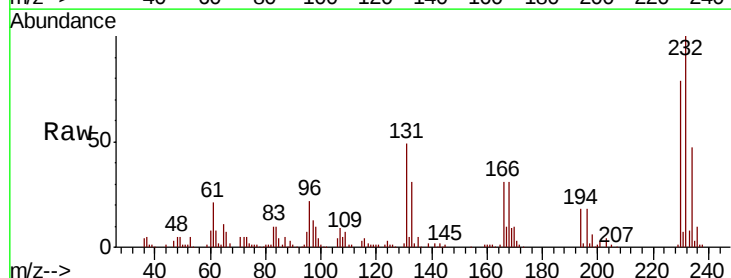
Ion Ratio Lower Upper

232 100

131 44.2 37.0 55.4

130 2.1 1.8 2.6

166 28.6 22.0 33.0



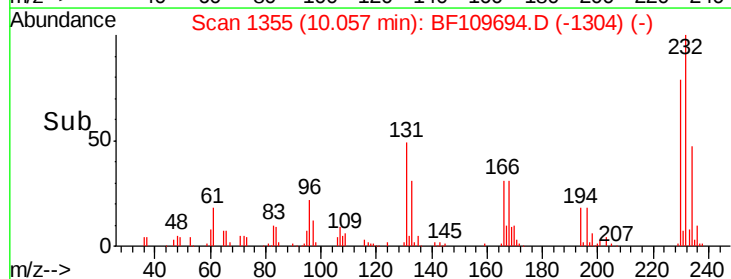
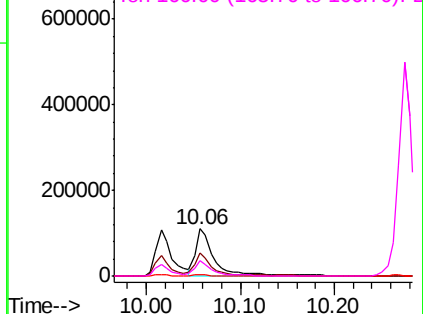
Abundance

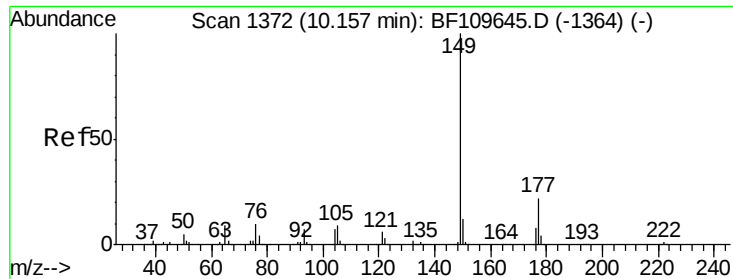
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

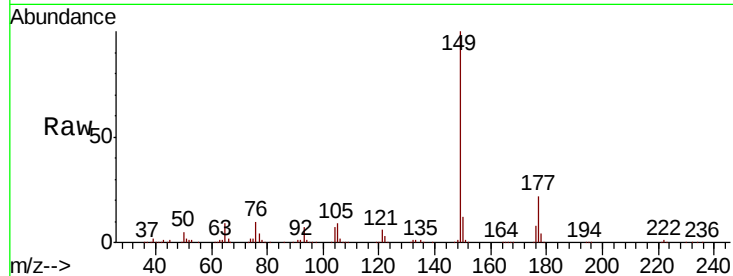




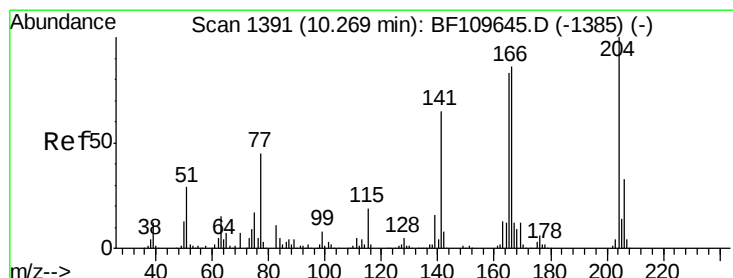
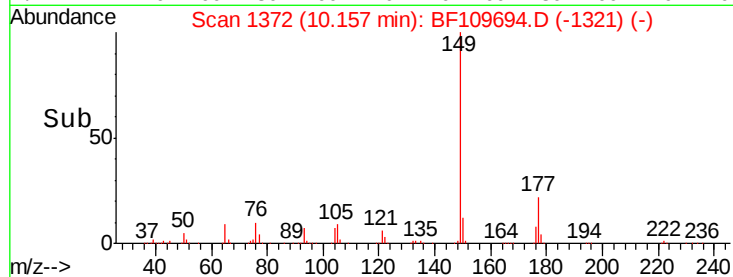
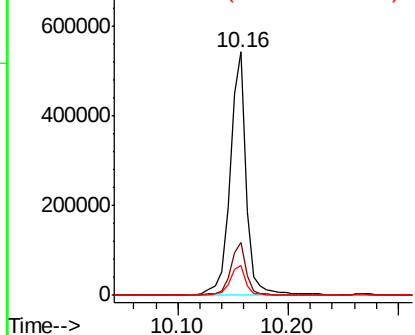
#59
Diethylphthalate
Concen: 41.004 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 559412
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.1 9.8 14.8

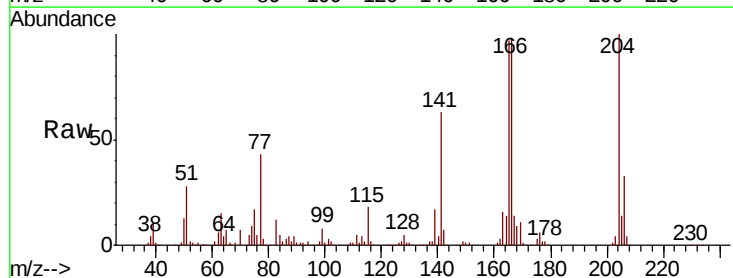


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

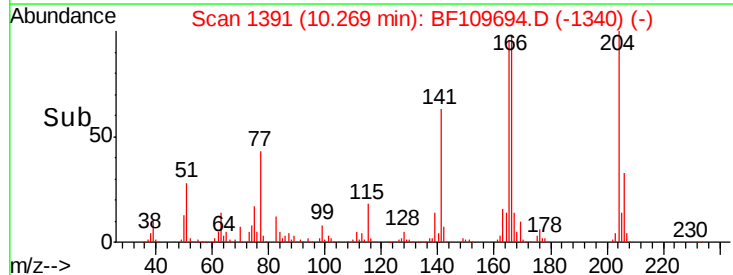
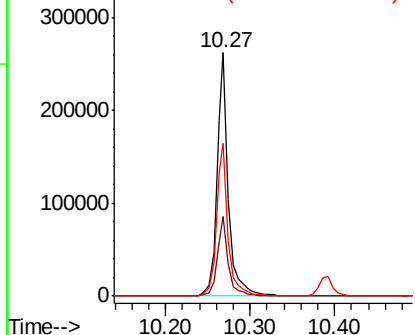


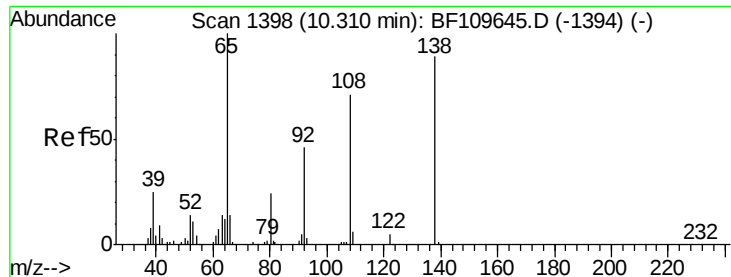
#60
4-Chlorophenyl-phenylether
Concen: 39.111 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:204 Resp: 250824
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.7 51.8 77.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

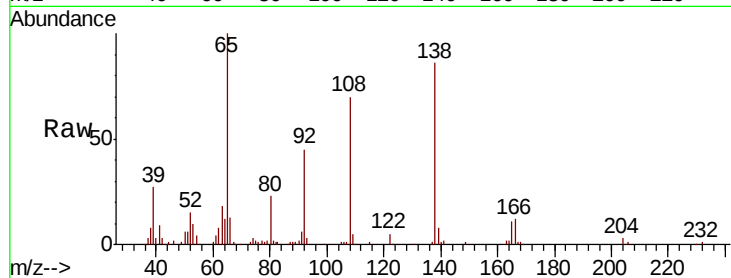




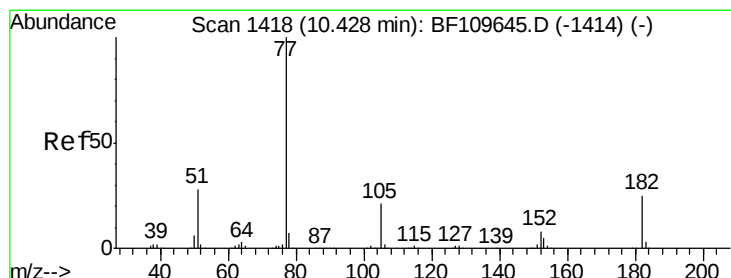
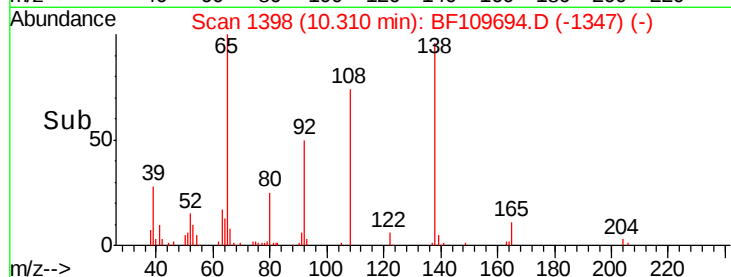
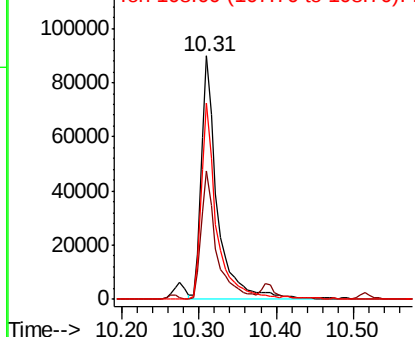
#61
4-Nitroaniline
Concen: 41.444 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 128412
Ion Ratio Lower Upper
138 100
92 52.7 31.7 71.7
108 80.8 59.3 99.3

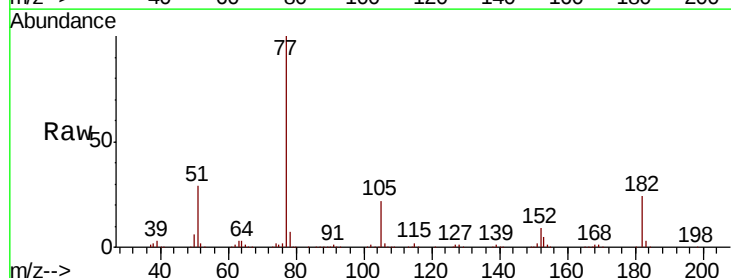


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

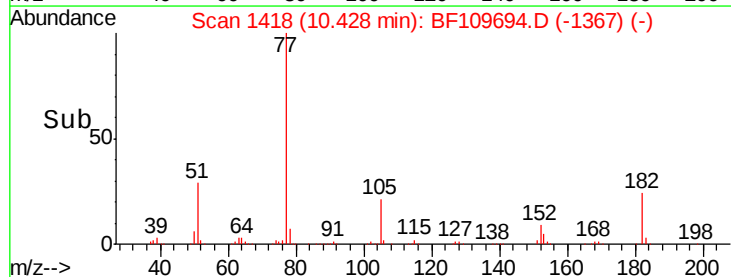
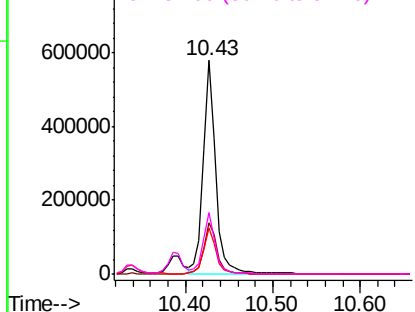


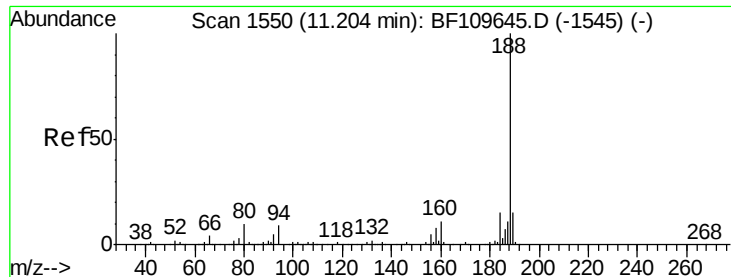
#62
Azobenzene
Concen: 41.970 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion: 77 Resp: 581448
Ion Ratio Lower Upper
77 100
182 24.2 4.3 44.3
105 21.6 1.3 41.3
51 28.8 9.0 49.0



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

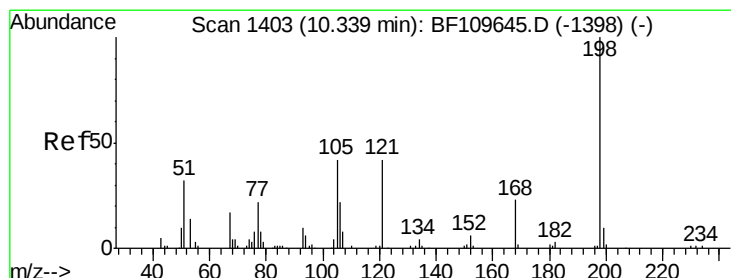
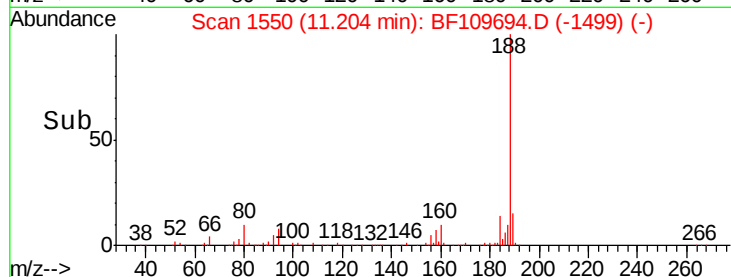
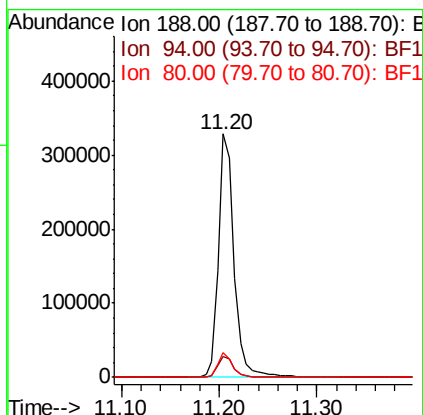
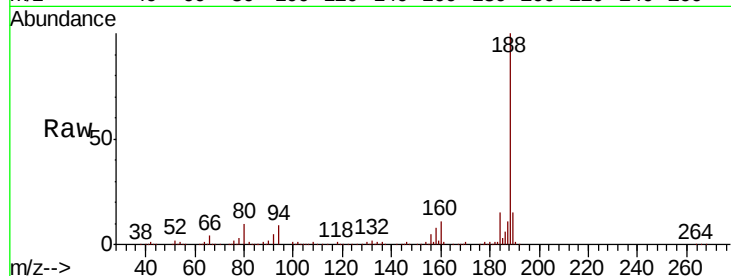




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

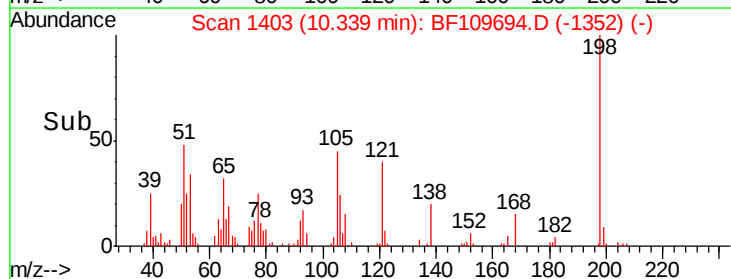
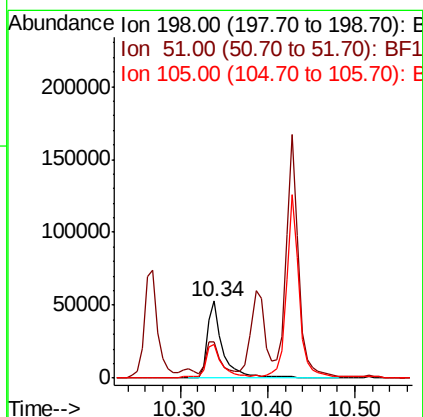
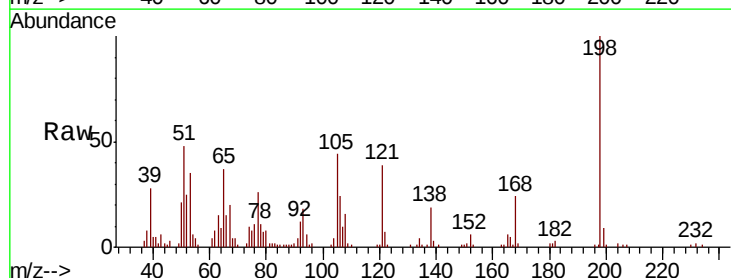
Instrument :
BNA_F
ClientSampleId :

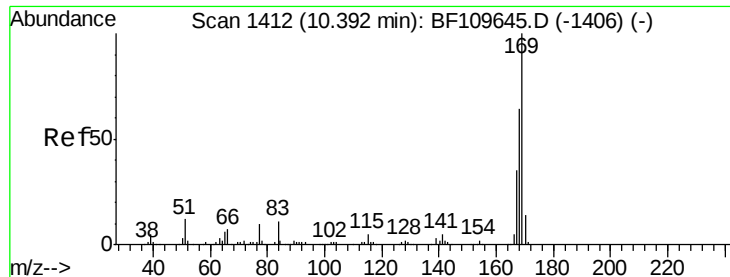
Tot Ion:188 Resp: 365660
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.9 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 36.844 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:198 Resp: 65574
Ion Ratio Lower Upper
198 100
51 47.8 22.8 62.8
105 44.3 23.6 63.6

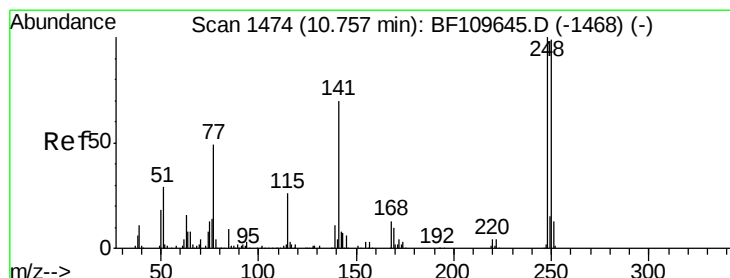
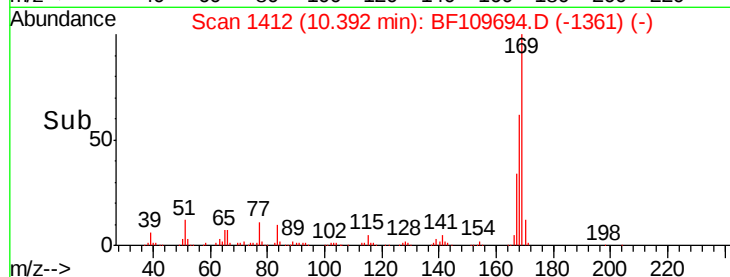
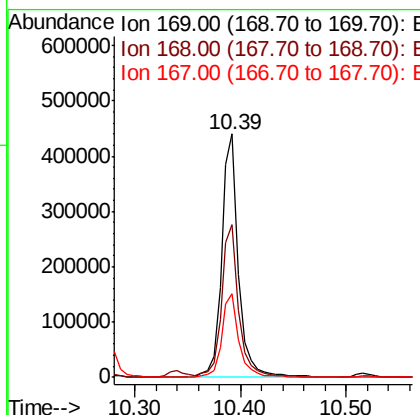
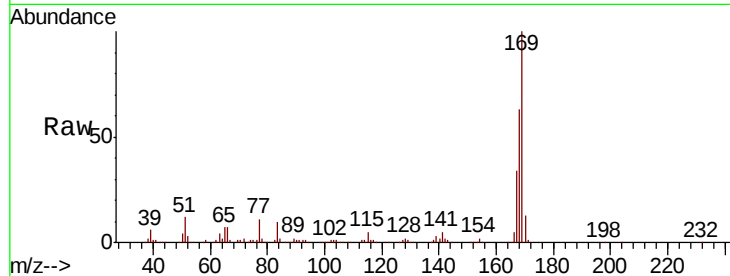




#65
n-Nitrosodiphenylamine
Concen: 39.033 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

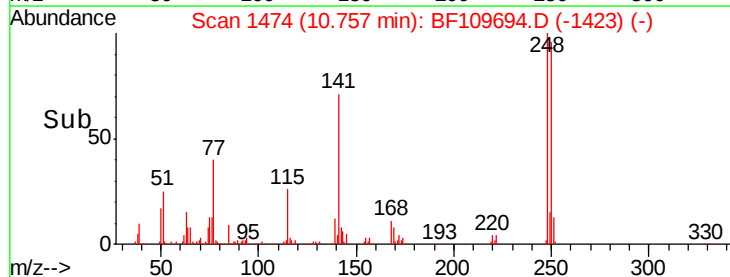
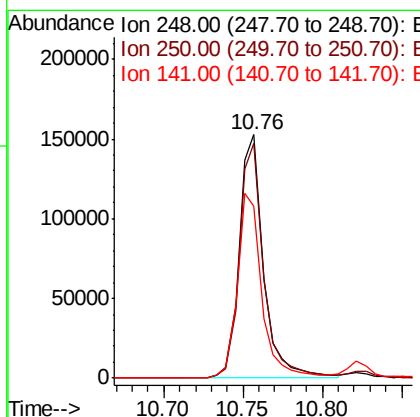
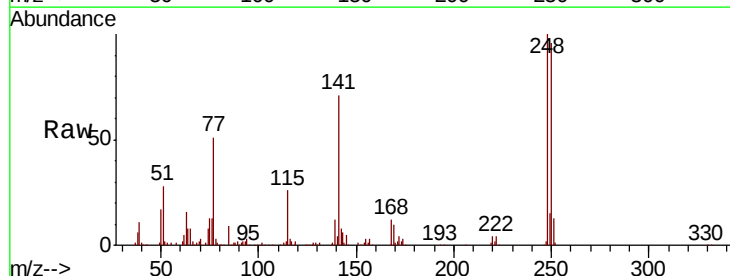
Instrument :
BNA_F
ClientSampled :

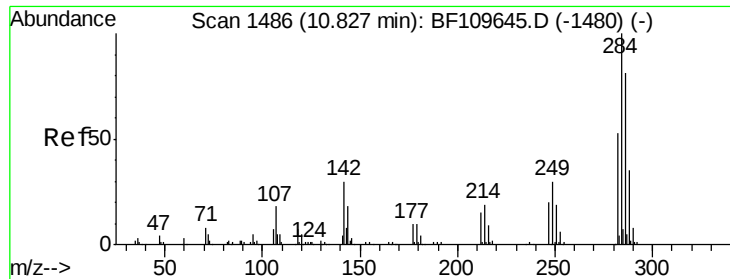
Tot Ion:169 Resp: 483847
Ion Ratio Lower Upper
169 100
168 62.7 51.2 76.8
167 34.5 27.8 41.6



#66
4-Bromophenyl-phenylether
Concen: 38.900 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:248 Resp: 163437
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.2
141 70.6 55.9 83.9

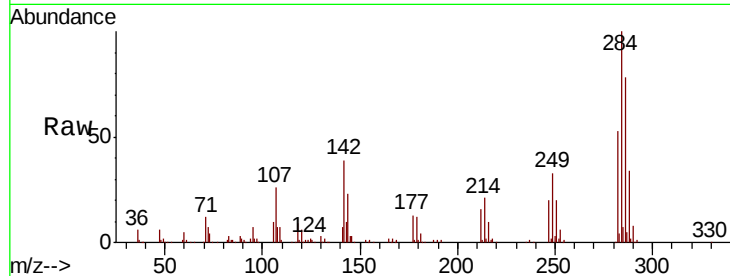




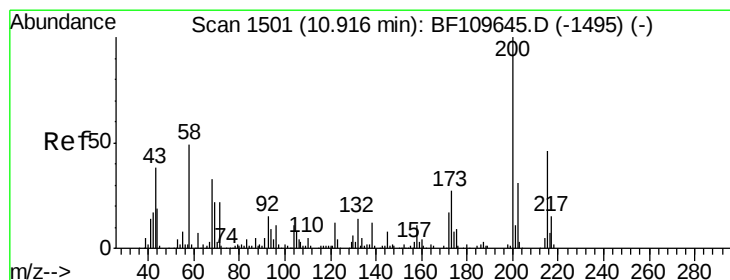
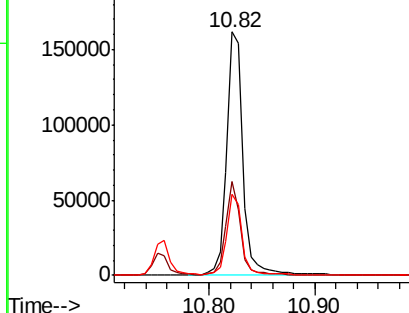
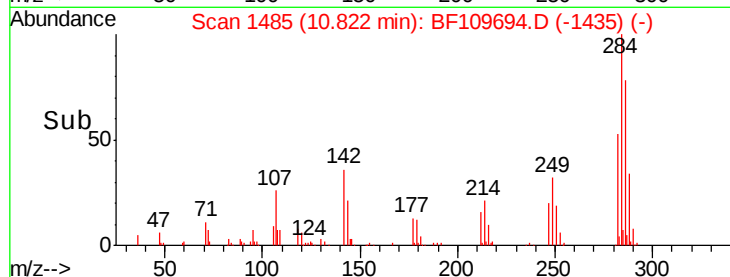
#67
Hexachlorobenzene
Concen: 38.120 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.7	23.9	35.9#
249	33.0	24.2	36.2

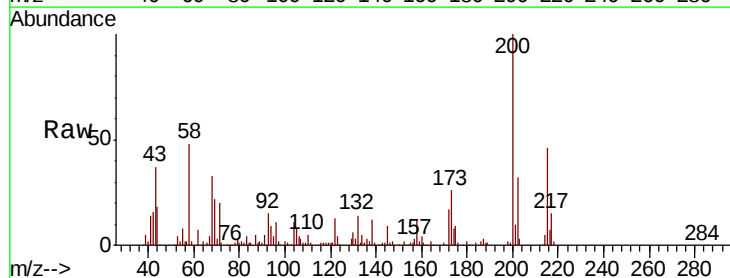


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

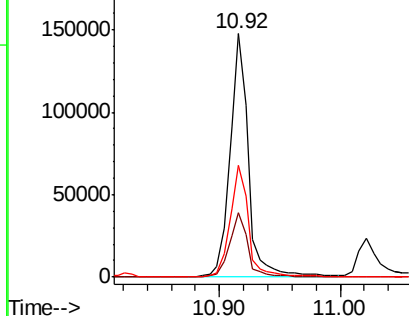
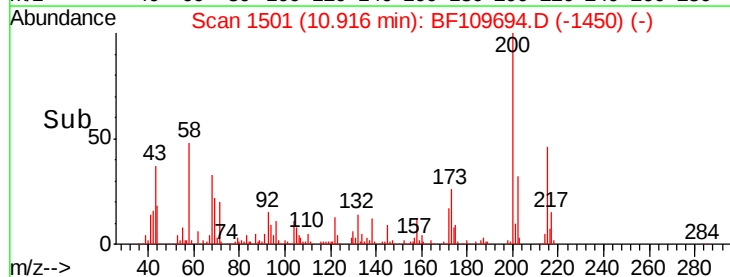


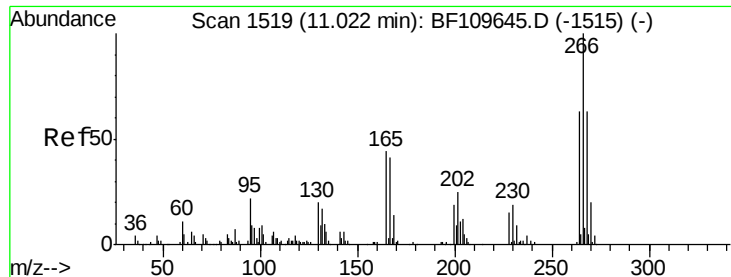
#68
Atrazine
Concen: 40.459 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.6	46.6
215	45.7	26.3	66.3



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

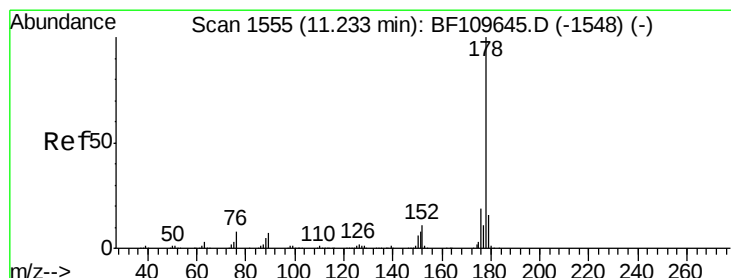
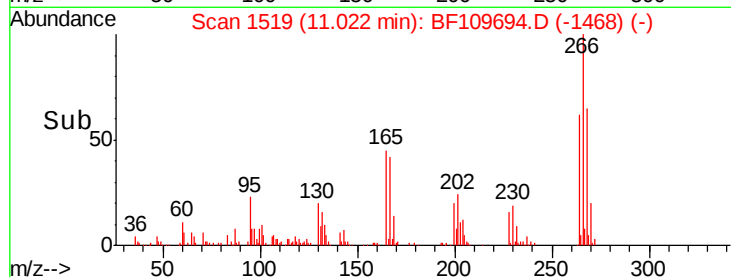
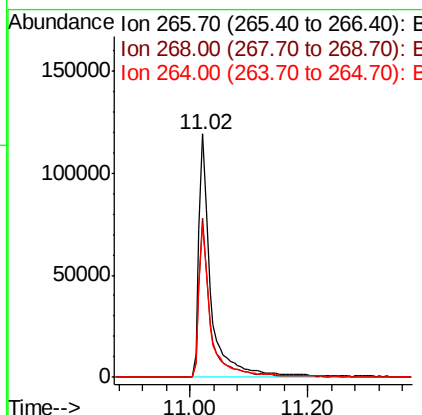
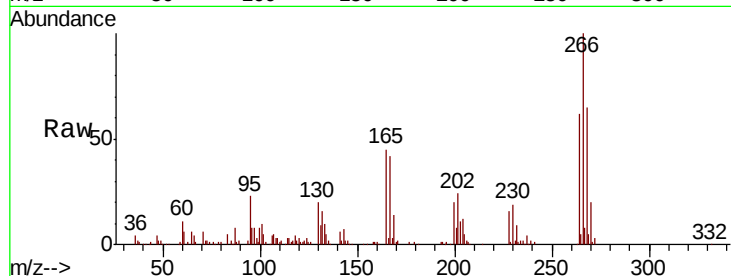




#69
 Pentachlorophenol
 Concen: 66.110 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

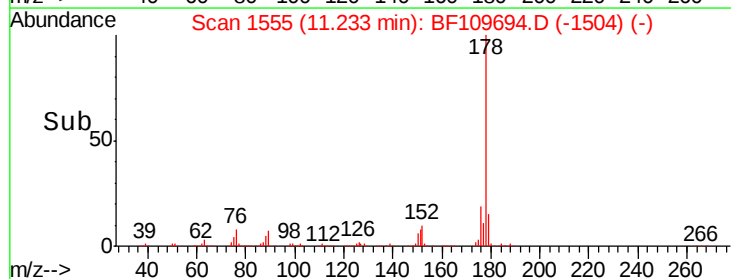
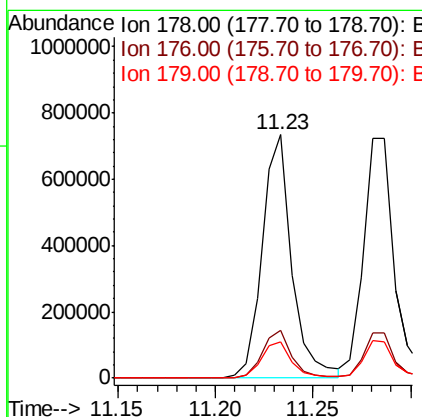
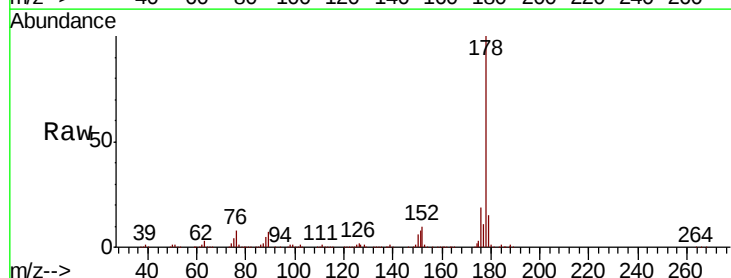
Instrument :
 BNA_F
 ClientSampleId :

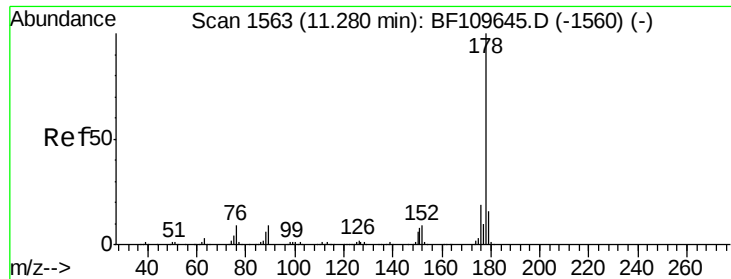
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.6	75.8
264	62.5	50.6	75.8



#70
 Phenanthrene
 Concen: 42.321 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	14.9	12.5	18.7

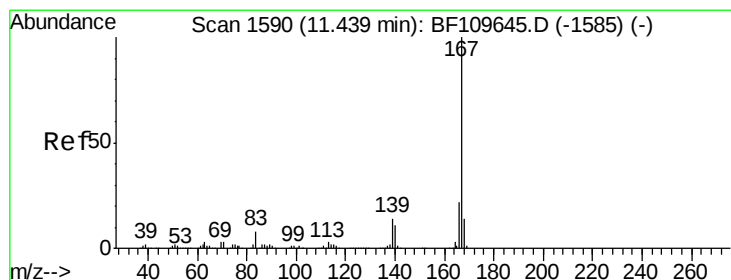
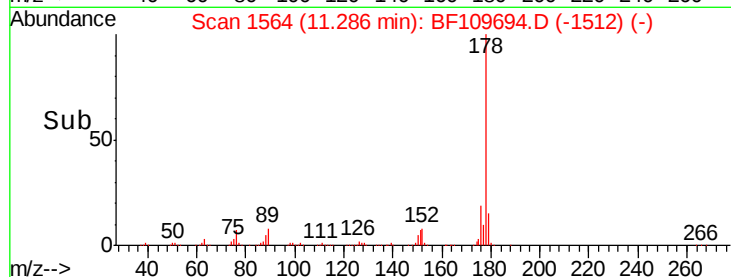
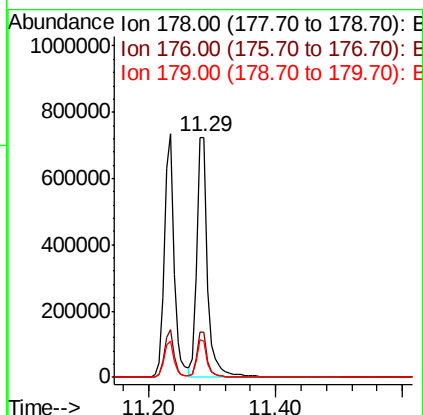
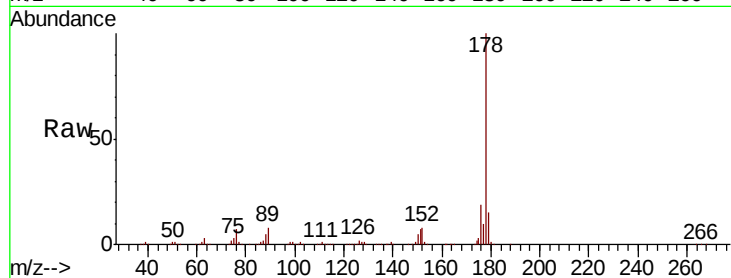




#71
 Anthracene
 Concen: 44.253 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

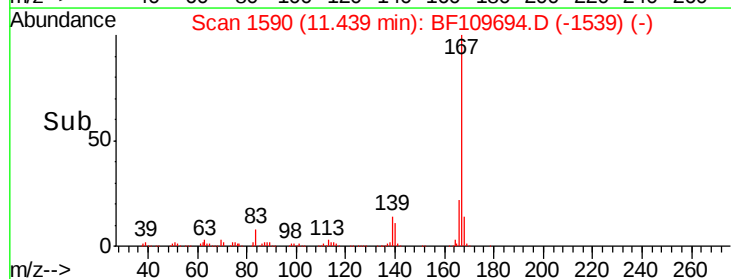
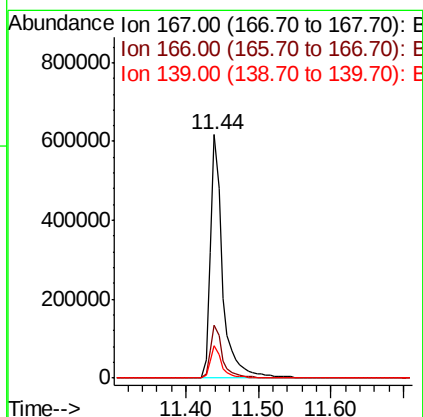
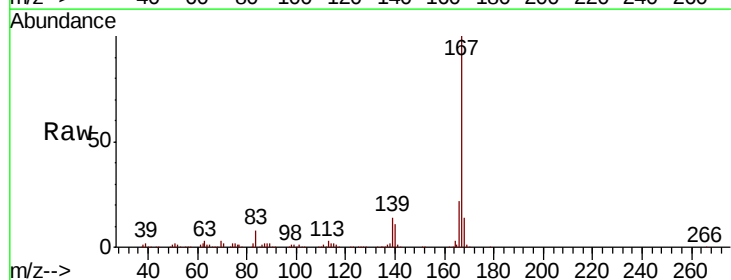
Instrument :
 BNA_F
 ClientSampleId :

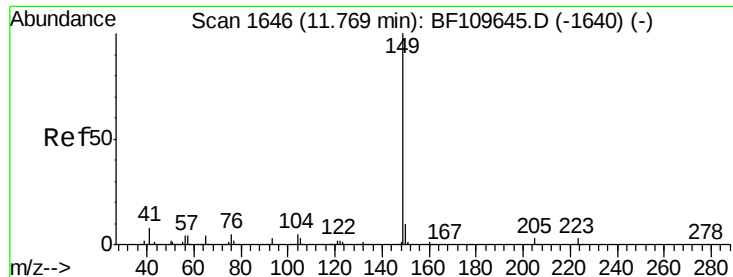
Tot Ion:178 Resp: 837097
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 14.9 12.6 18.8



#72
 Carbazole
 Concen: 39.484 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion:167 Resp: 724394
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.5 10.9 16.3

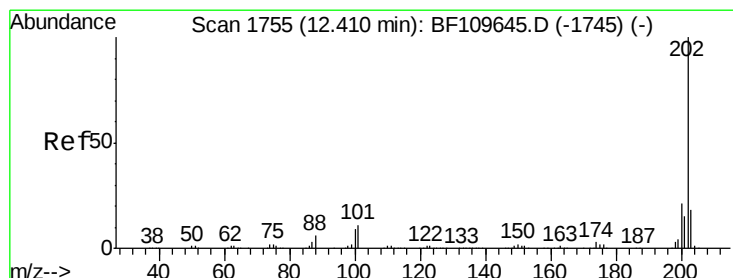
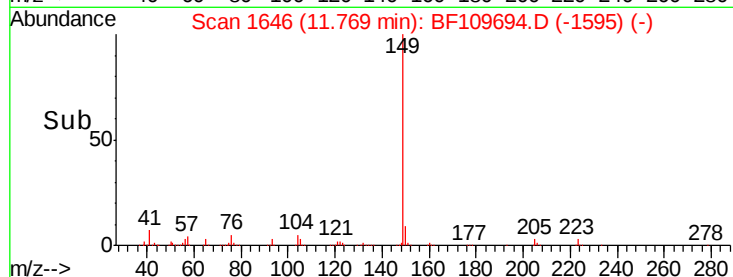
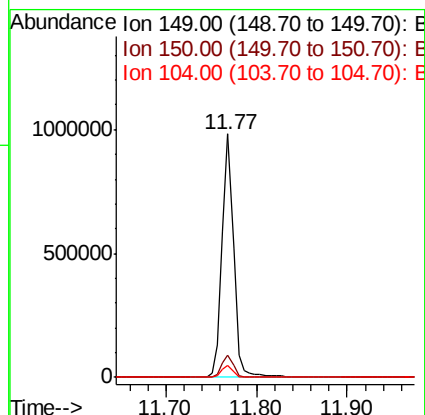
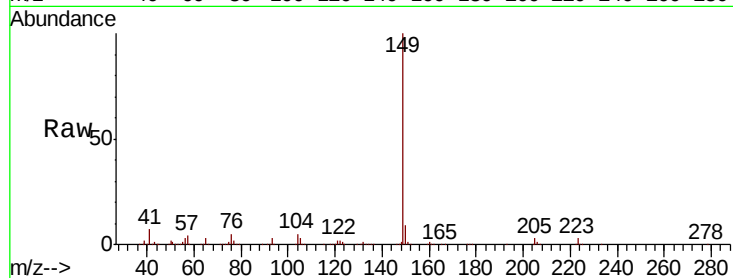




#73
Di-n-butylphthalate
Concen: 40.592 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

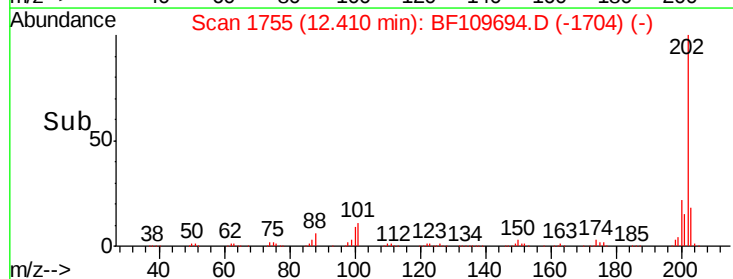
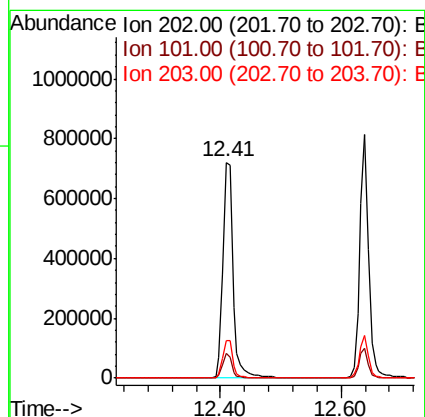
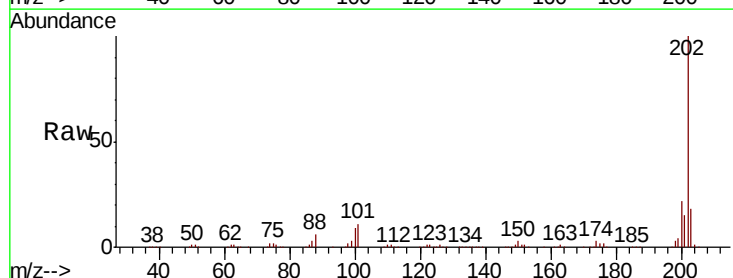
Instrument :
BNA_F
ClientSampled :

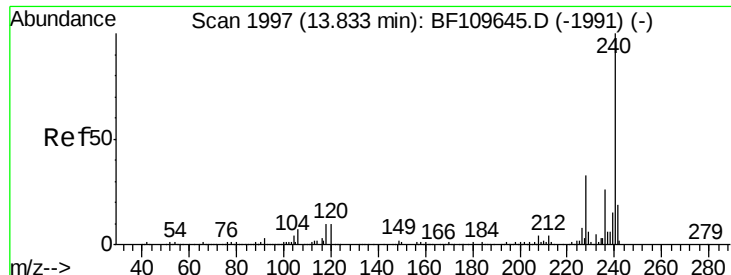
Tot Ion:149 Resp: 863752
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 43.296 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:202 Resp: 827679
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.7 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

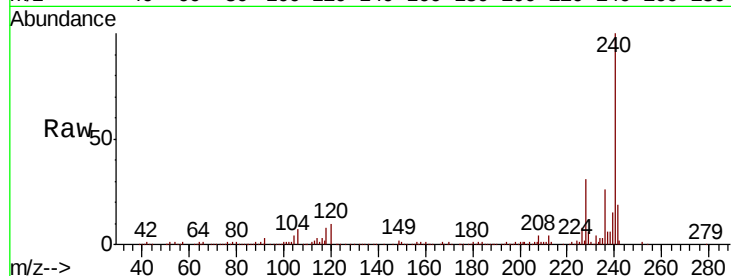
Tot Ion:240 Resp: 272825

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

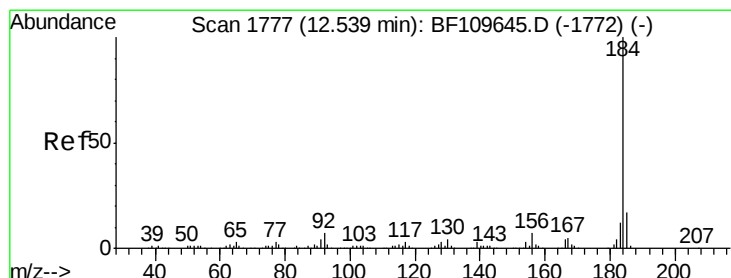
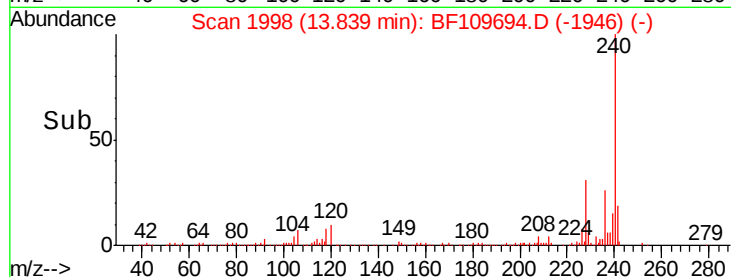
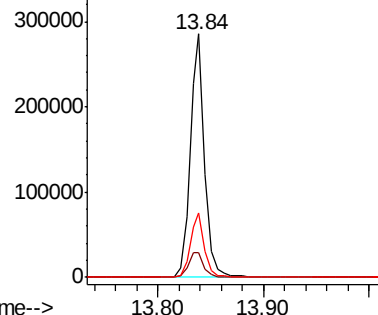
236 26.4 21.2 31.8



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: 40.201 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

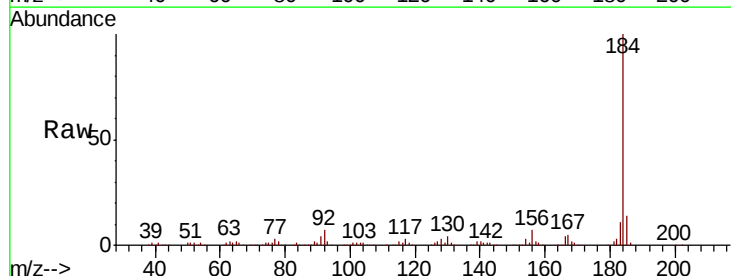
Tgt Ion:184 Resp: 407430

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

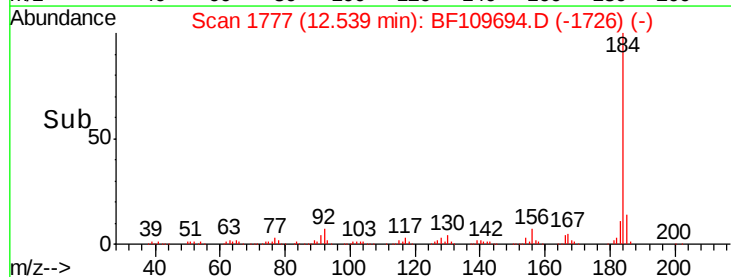
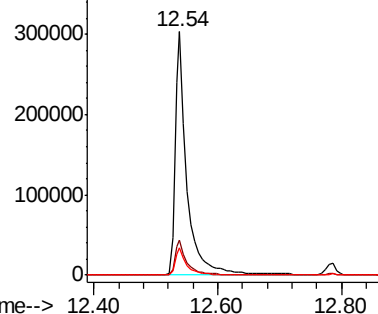
183 11.4 9.4 14.2

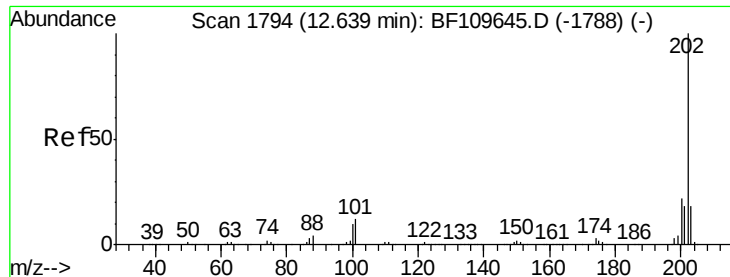


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

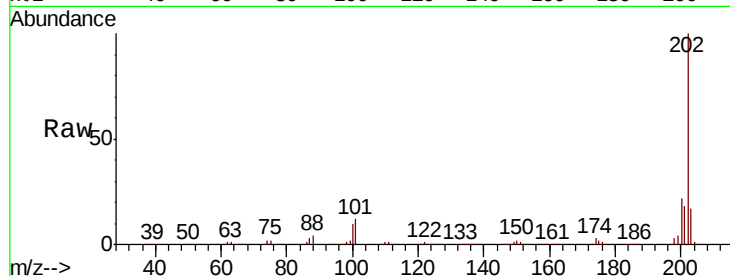




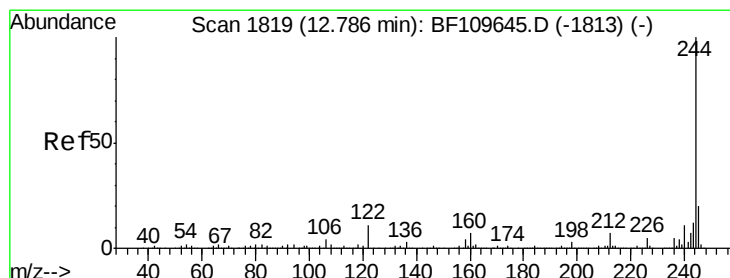
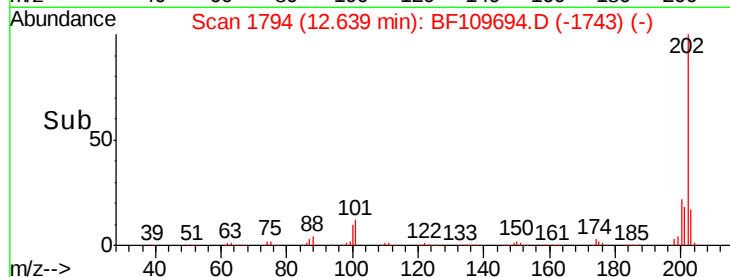
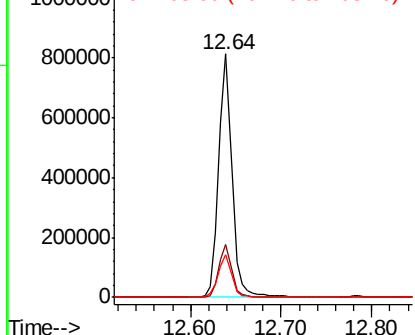
#77
Pvrene
Concen: 41.128 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 822111
Ion Ratio Lower Upper
202 100
200 21.9 17.8 26.6
203 17.4 14.2 21.4

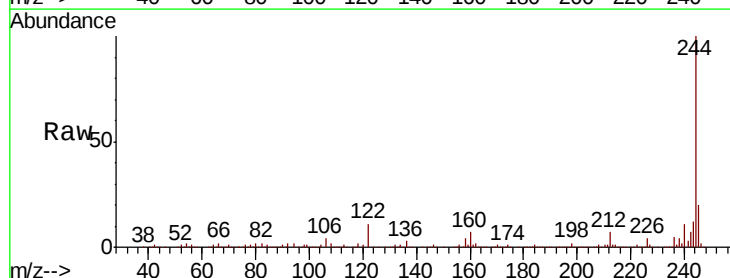


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

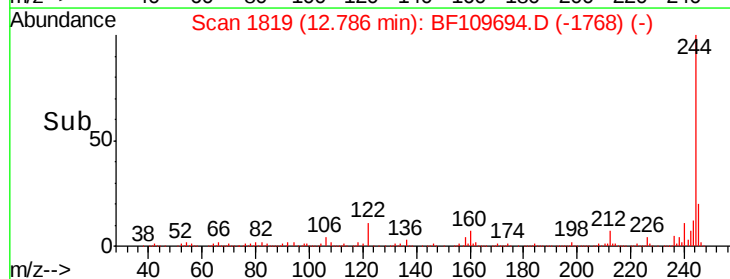
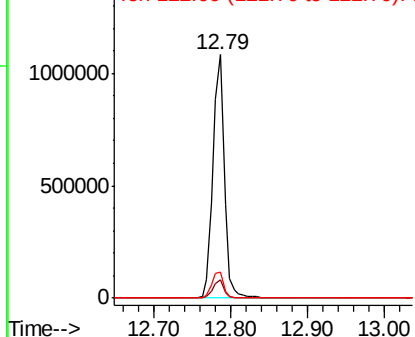


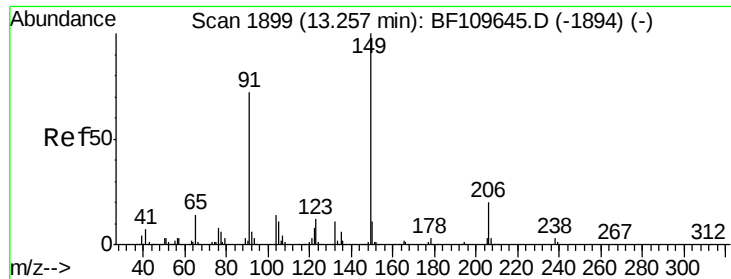
#78
Terphenyl-d14
Concen: 78.128 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:244 Resp: 1101086
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.7 8.7 13.1



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

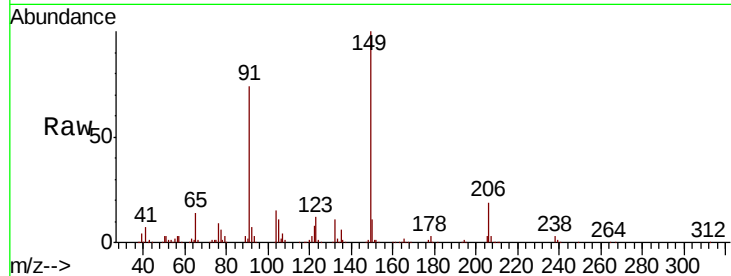




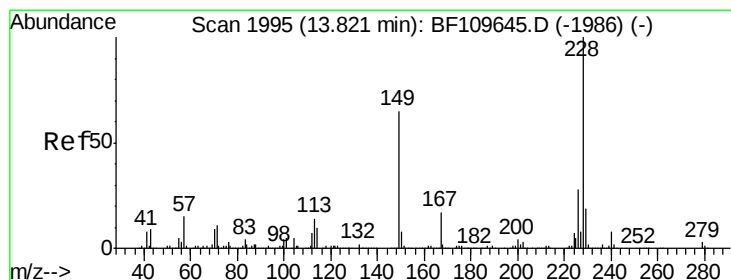
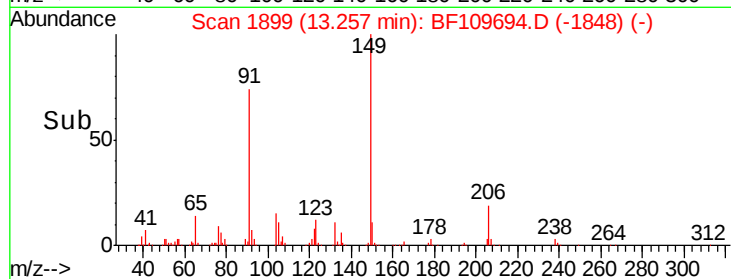
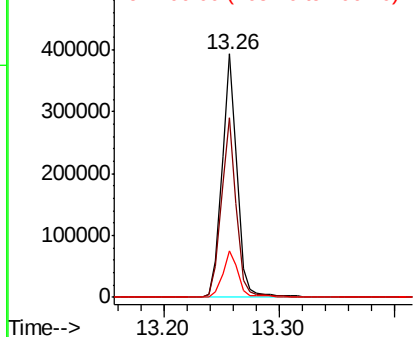
#79
Butylbenzylphthalate
Concen: 41.418 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 358943
Ion Ratio Lower Upper
149 100
91 74.0 57.2 85.8
206 19.1 15.7 23.5

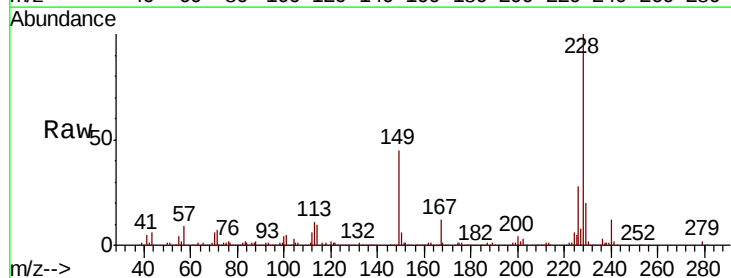


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

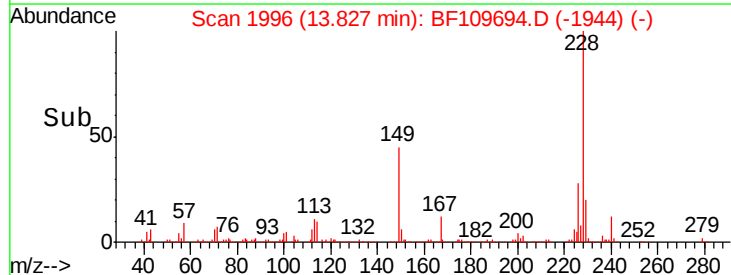
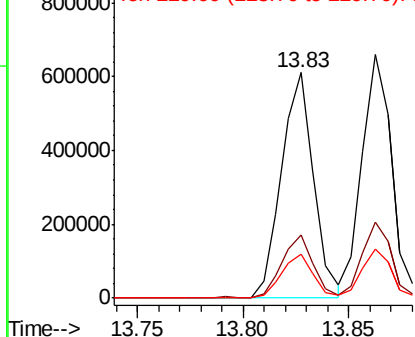


#80
Benzo(a)anthracene
Concen: 43.037 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:228 Resp: 647947
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 19.6 15.6 23.4



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

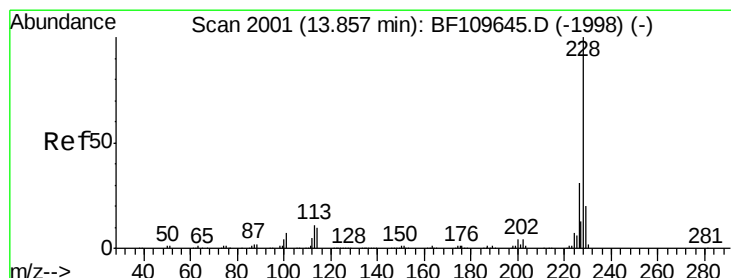
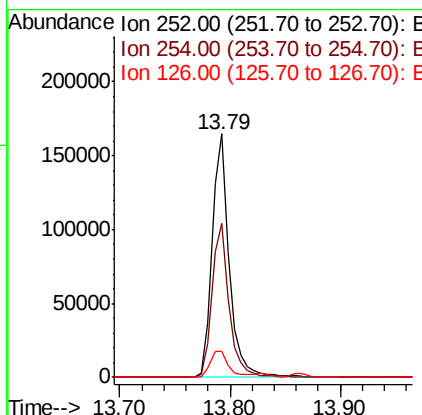
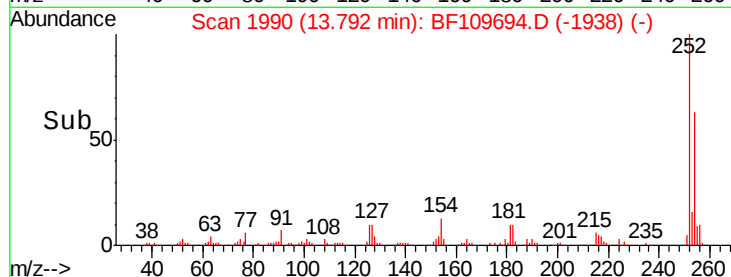
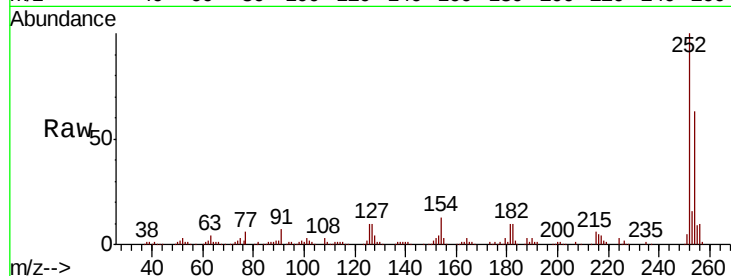




#81
 3,3'-Dichlorobenzidine
 Concen: 28.617 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

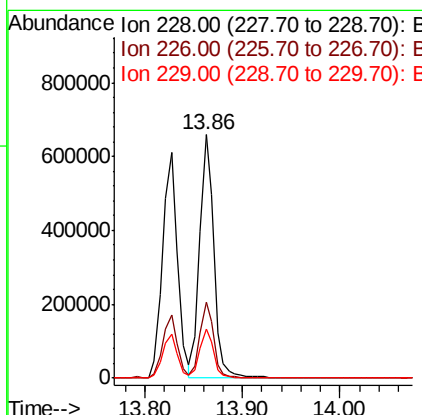
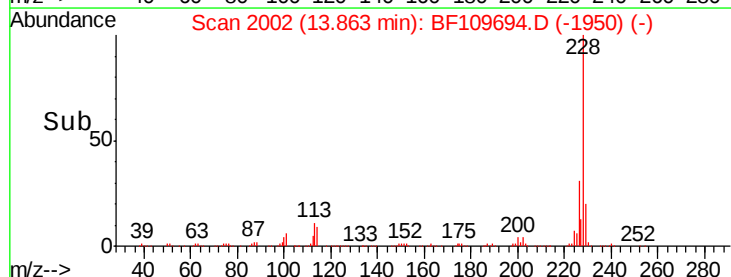
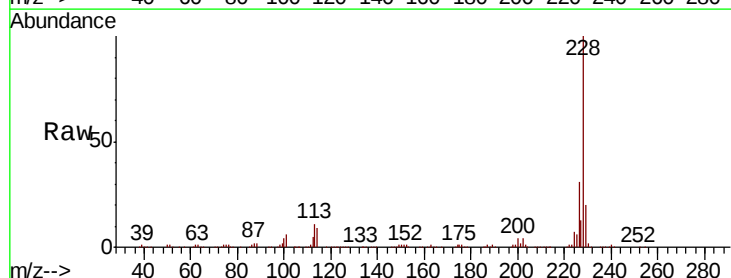
Instrument :
 BNA_F
 ClientSampleId :

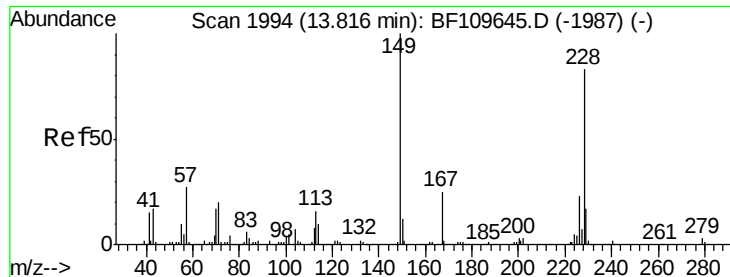
Tot Ion:252 Resp: 173483
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.3 76.9
 126 10.4 9.4 14.2



#82
 Chrysene
 Concen: 42.318 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion:228 Resp: 669222
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.7 37.1
 229 20.0 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.554 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :

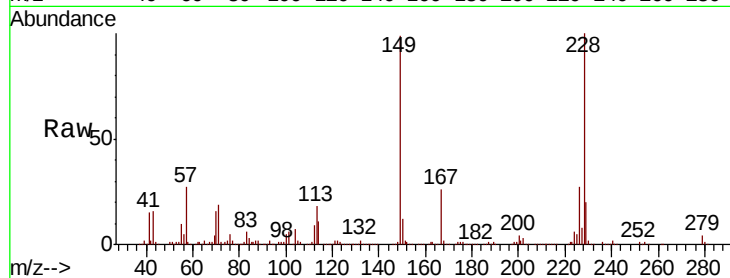
Tot Ion:149 Resp: 439360

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

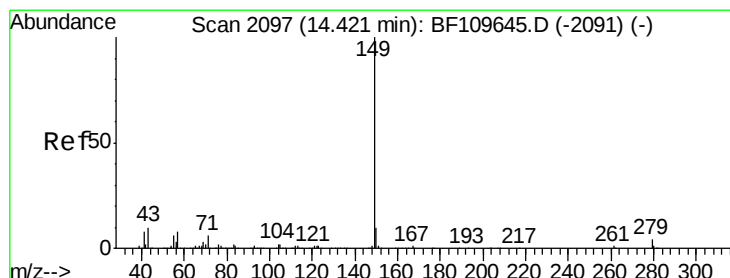
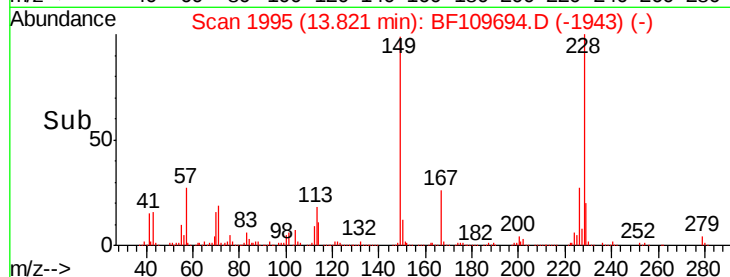
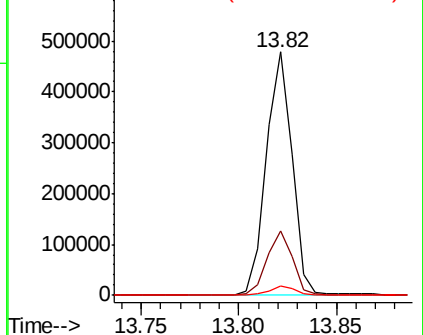
279 3.8 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.998 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

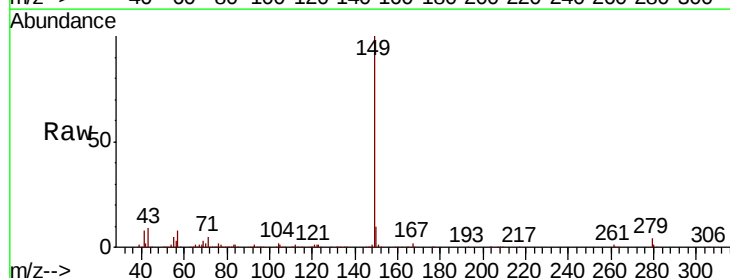
Tgt Ion:149 Resp: 735305

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

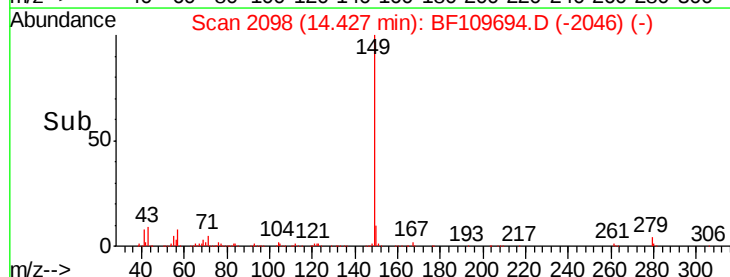
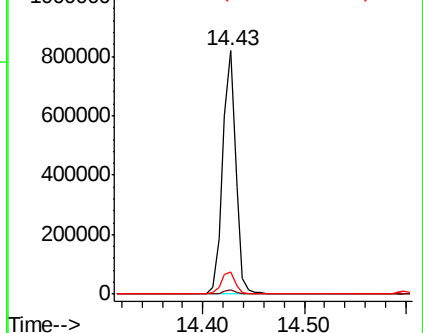
43 9.7 7.8 11.8

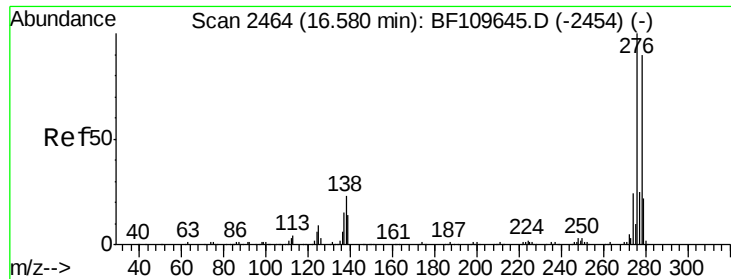


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

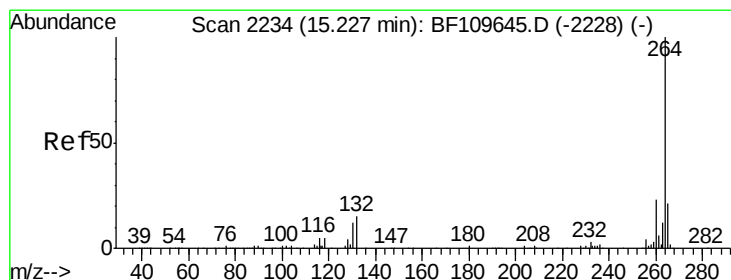
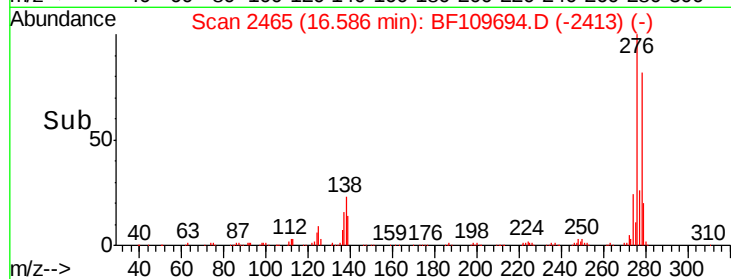
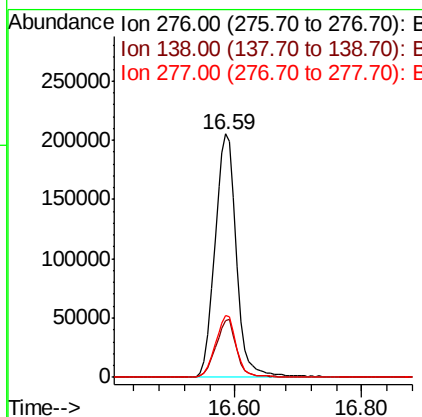
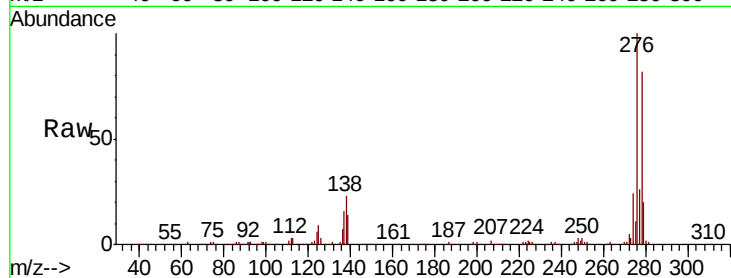




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.139 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

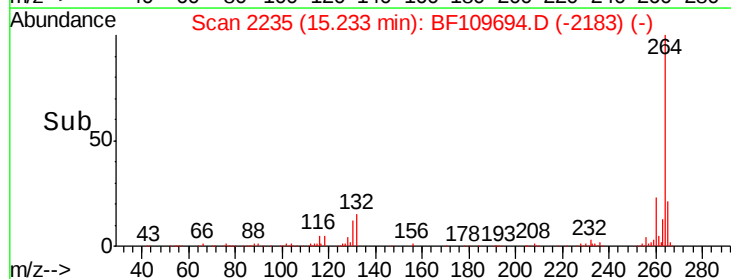
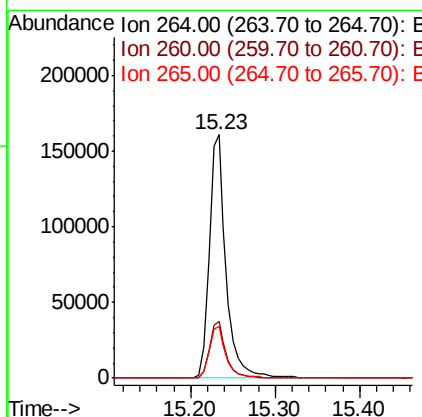
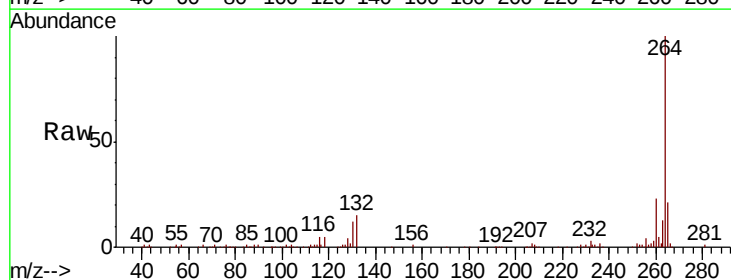
Instrument :
 BNA_F
 ClientSampled :

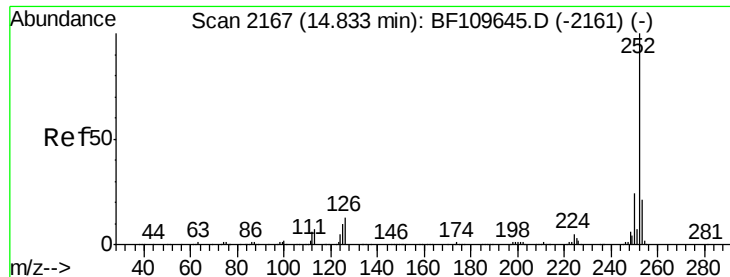
Tot Ion:276 Resp: 488301
 Ion Ratio Lower Upper
 276 100
 138 22.8 18.5 27.7
 277 24.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF109694.D
 Acq: 9 Oct 2018 14:50

Tgt Ion:264 Resp: 223433
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 16.7 25.1

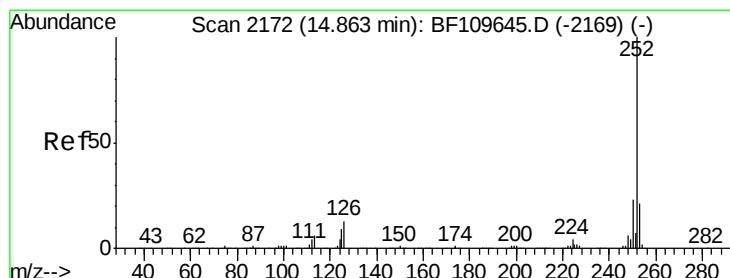
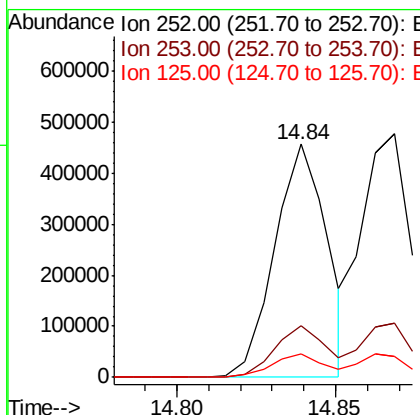
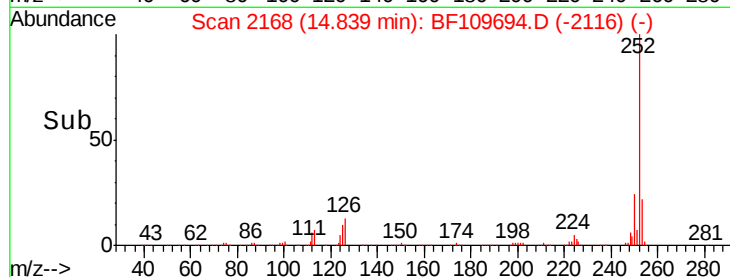
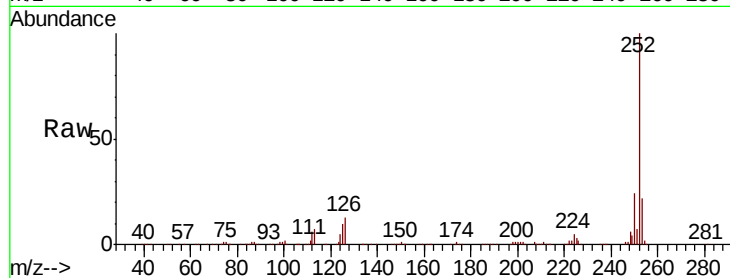




#87
Benzo(b)fluoranthene
Concen: 42.672 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

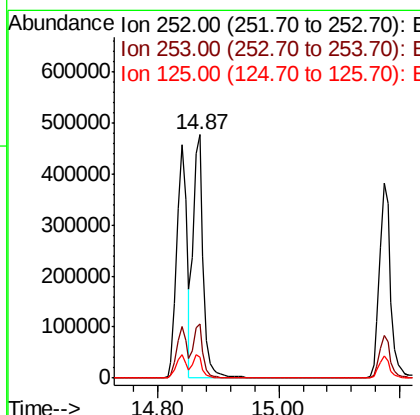
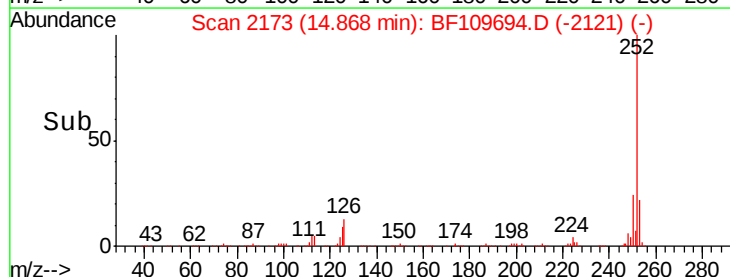
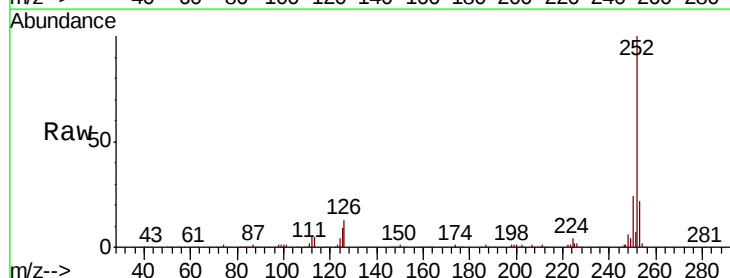
Instrument :
BNA_F
ClientSampleId :

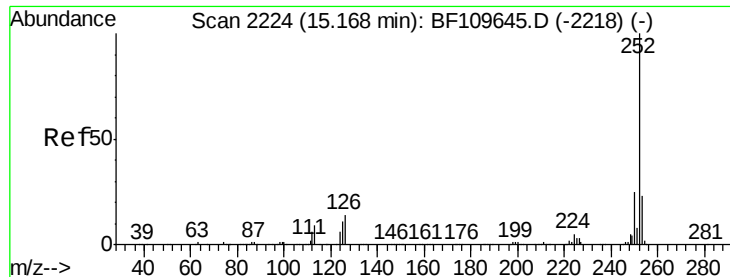
Tot Ion:252 Resp: 526884
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.0 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 44.907 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BF109694.D
Acq: 9 Oct 2018 14:50

Tgt Ion:252 Resp: 557119
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 8.6 7.4 11.0





#89

Benzo(a)pyrene

Concen: 44.645 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampled :

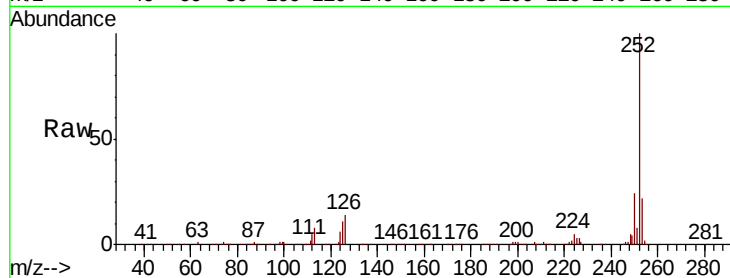
Tot Ion:252 Resp: 500237

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

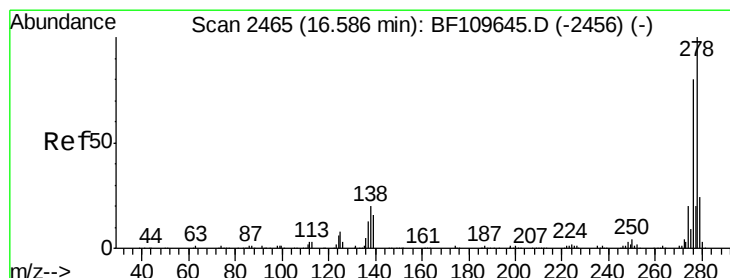
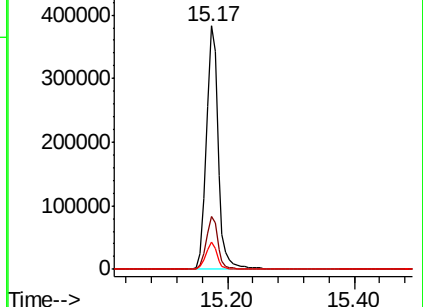
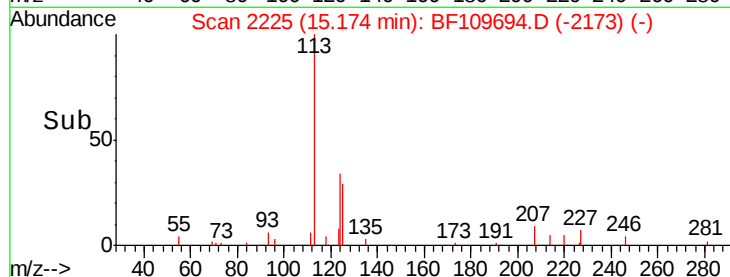
125 11.1 9.0 13.6



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: 43.104 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

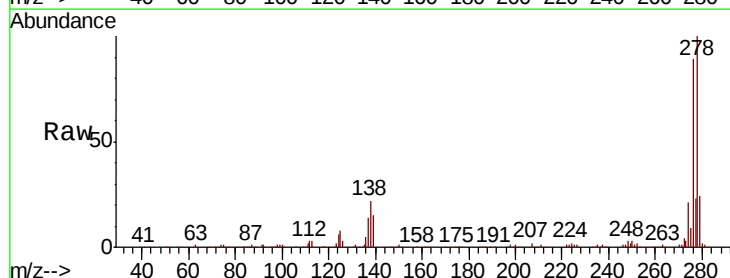
Tgt Ion:278 Resp: 396658

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

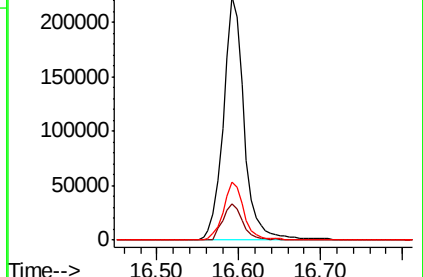
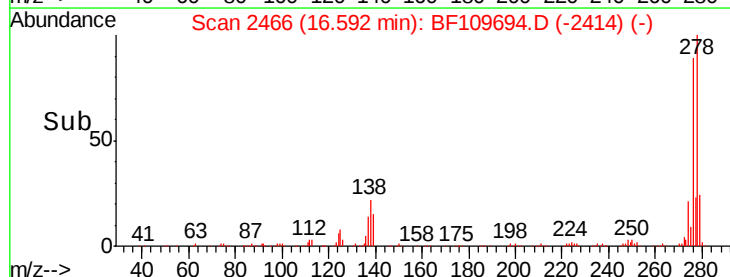
279 23.9 19.0 28.4

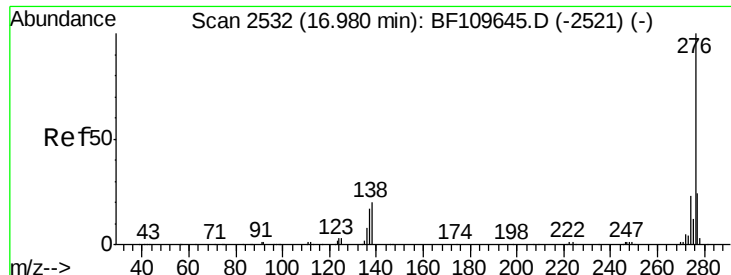


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.377 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

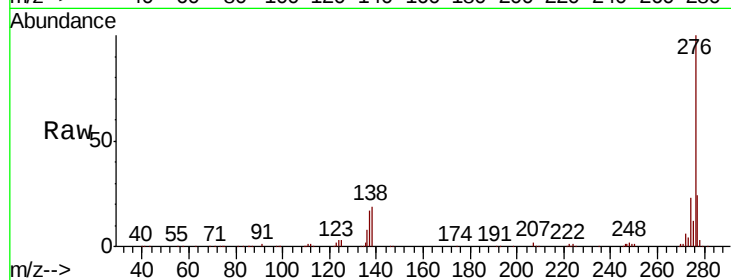
Lab File: BF109694.D

Acq: 9 Oct 2018 14:50

Instrument :

BNA_F

ClientSampleId :



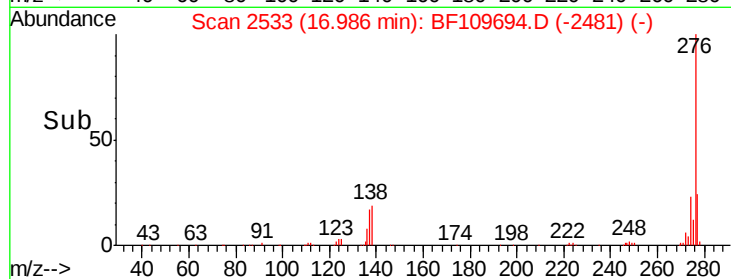
Tot Ion: 276 Resp: 407794

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.2 16.0 24.0



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

250000

200000

150000

100000

50000

0

16.99

17.00

17.20

Time-->