

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109419.D
 Acq On : 28 Sep 2018 7:03
 Operator : JU/SJ
 Sample : PB113249BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Quant Time: Sep 28 07:34:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	107831	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	406317	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	188449	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	304979	20.00	ng	0.00
75) Chrysene-d12	13.85	240	212626	20.00	ng	0.00
86) Perylene-d12	15.24	264	196163	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	628375	95.98	ng	0.01
7) Phenol-d6	6.35	99	805195	96.38	ng	0.00
23) Nitrobenzene-d5	7.27	82	750472	109.03	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	181540	97.72	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1319716	105.62	ng	0.00
78) Terphenyl-d14	12.80	244	993322	114.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	114655	38.026	ng	92
3) Pyridine	3.14	79	329210	42.422	ng	91
4) n-Nitrosodimethylamine	3.08	42	155632	47.125	ng	# 99
6) Aniline	6.37	93	376325	35.210	ng	# 33
8) 2-Chlorophenol	6.50	128	332934	45.731	ng	94
9) Benzaldehyde	6.25	77	198281	36.947	ng	99
10) Phenol	6.37	94	402882	42.585	ng	# 64
11) bis(2-Chloroethyl)ether	6.45	93	320050	43.234	ng	99
12) 1,3-Dichlorobenzene	6.65	146	363329	43.345	ng	99
13) 1,4-Dichlorobenzene	6.73	146	367071	43.468	ng	98
14) 1,2-Dichlorobenzene	6.88	146	337070	43.269	ng	99
15) Benzyl Alcohol	6.86	79	289586	45.287	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	454209	43.256	ng	95
17) 2-Methylphenol	6.97	107	269569	45.761	ng	95
18) Hexachloroethane	7.22	117	124849	41.964	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	240430	43.922	ng	94
20) 3+4-Methylphenols	7.13	107	321313	45.178	ng	# 85
22) Acetophenone	7.12	105	459364	48.900	ng	# 96
24) Nitrobenzene	7.29	77	353436	48.293	ng	99
25) Isophorone	7.53	82	654984	52.844	ng	98
26) 2-Nitrophenol	7.61	139	165630	57.227	ng	97
27) 2,4-Dimethylphenol	7.65	122	299523	55.461	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	411045	50.098	ng	99
29) 2,4-Dichlorophenol	7.85	162	283644	49.988	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	293180	46.240	ng	98
31) Naphthalene	8.02	128	940321	49.524	ng	100
32) Benzoic acid	7.77	122	98958	29.943	ng	97
33) 4-Chloroaniline	8.06	127	254978	30.740	ng	97
34) Hexachlorobutadiene	8.13	225	178623	46.731	ng	100
35) Caprolactam	8.47	113	18844	10.402	ng	# 82
36) 4-Chloro-3-methylphenol	8.55	107	294452	49.314	ng	98
37) 2-Methylnaphthalene	8.70	142	634662	51.851	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	294063	49.031	ng	98
40) Hexachlorocyclopentadiene	8.86	237	110859	42.379	ng	97

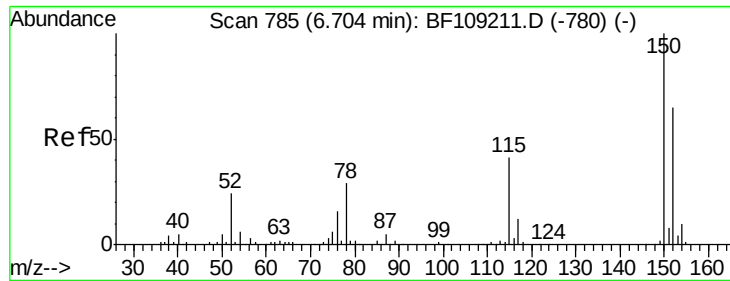
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	194208	50.454	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	205795	50.622	ng	95
45) 1,1'-Biphenyl	9.17	154	754928	49.168	ng	97
46) 2-Chloronaphthalene	9.19	162	575738	46.937	ng	98
47) 2-Nitroaniline	9.29	65	181980	52.328	ng	97
48) Acenaphthylene	9.60	152	916374	49.522	ng	100
49) Dimethylphthalate	9.47	163	710714	51.852	ng	100
50) 2,6-Dinitrotoluene	9.53	165	148652	54.760	ng	95
51) Acenaphthene	9.77	154	521027	46.572	ng	97
52) 3-Nitroaniline	9.69	138	123561	39.304	ng	97
53) 2,4-Dinitrophenol	9.80	184	36455	42.348	ng #	18
54) Dibenzofuran	9.95	168	783311	47.079	ng	97
55) 4-Nitrophenol	9.86	139	202874	85.665	ng	90
56) 2,4-Dinitrotoluene	9.93	165	182914	53.254	ng #	98
57) Fluorene	10.29	166	568556	47.893	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	152482	47.372	ng	91
59) Diethylphthalate	10.17	149	683877	49.271	ng	96
60) 4-Chlorophenyl-phenylether	10.28	204	281086	45.333	ng	93
61) 4-Nitroaniline	10.30	138	132433	43.196	ng	98
62) Azobenzene	10.44	77	654371	45.377	ng	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	30170	27.879	ng	86
65) n-Nitrosodiphenylamine	10.40	169	557693	55.347	ng	96
66) 4-Bromophenyl-phenylether	10.77	248	183612	54.216	ng #	86
67) Hexachlorobenzene	10.84	284	178671	49.674	ng #	87
68) Atrazine	10.93	200	178728	57.673	ng	98
69) Pentachlorophenol	11.03	266	164026	76.193	ng	98
70) Phenanthrene	11.24	178	772240	50.713	ng	99
71) Anthracene	11.29	178	789828	51.139	ng	99
72) Carbazole	11.45	167	669687	43.580	ng	99
73) Di-n-butylphthalate	11.79	149	948220	53.601	ng	99
74) Fluoranthene	12.42	202	716669	44.040	ng	97
76) Benzidine	12.55	184	530646	69.219	ng	99
77) Pyrene	12.65	202	709457	46.557	ng	100
79) Butylbenzylphthalate	13.27	149	329767	50.866	ng	95
80) Benzo(a)anthracene	13.83	228	625478	48.838	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	251374	51.646	ng #	97
82) Chrysene	13.87	228	625836	49.303	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	414840	50.737	ng	100
84) Di-n-octyl phthalate	14.44	149	792731	56.705	ng	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	472798	45.951	ng #	93
87) Benzo(b)fluoranthene	14.87	252	529933	49.163	ng	98
88) Benzo(k)fluoranthene	14.87	252	529933	51.810	ng	98
89) Benzo(a)pyrene	15.19	252	519241	53.459	ng	98
90) Dibenzo(a,h)anthracene	16.61	278	402385	50.498	ng #	93
91) Benzo(g,h,i)perylene	17.00	276	384192	49.058	ng #	92

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

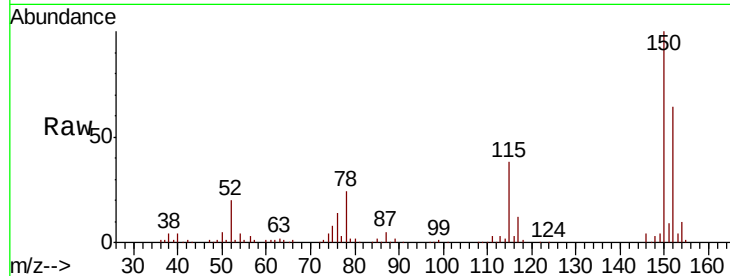


#1

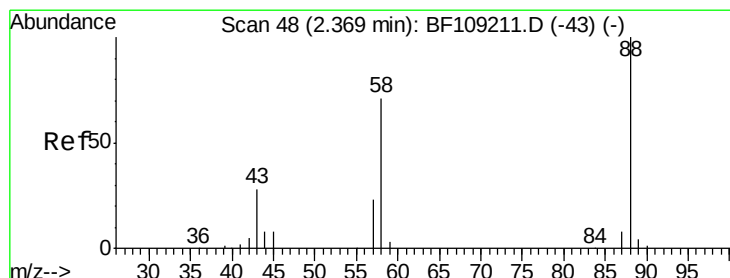
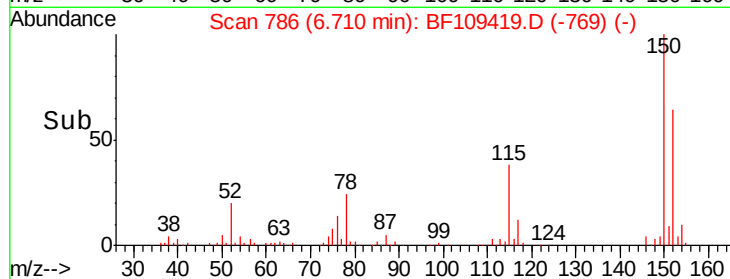
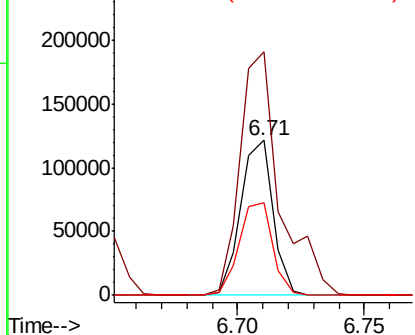
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion: 152 Resp: 107831
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 60.1 50.1 75.1



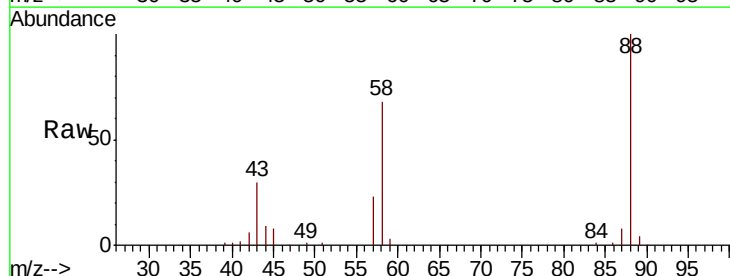
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



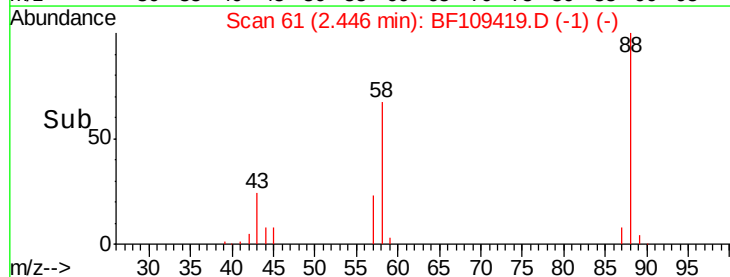
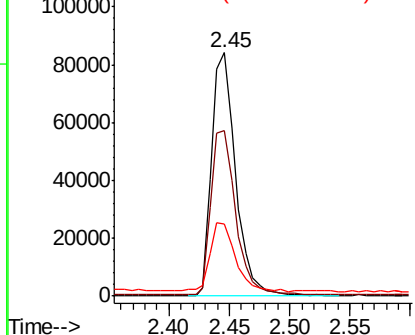
#2

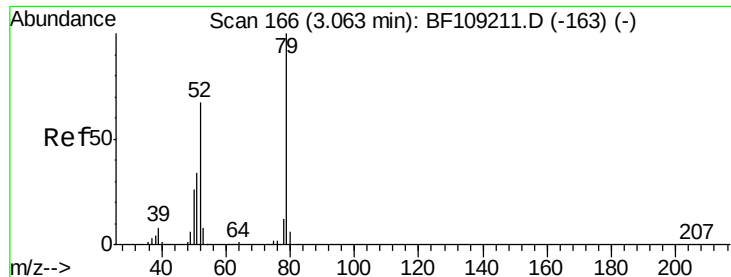
1,4-Dioxane
 Concen: 38.026 ng
 RT: 2.45 min Scan# 61
 Delta R.T. 0.08 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion: 88 Resp: 114655
 Ion Ratio Lower Upper
 88 100
 58 69.9 62.6 93.8
 43 28.7 24.6 37.0



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





#3

Pyridine

Concen: 42.422 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.08 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

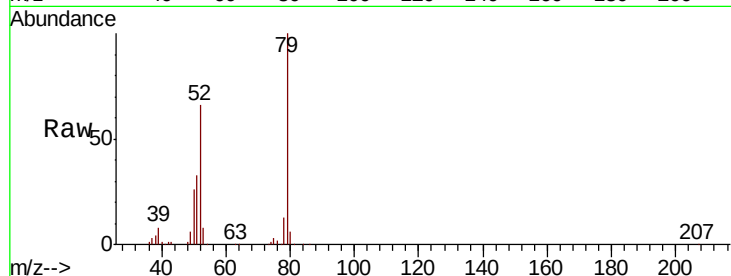
Tgt Ion: 79 Resp: 329210

Ion Ratio Lower Upper

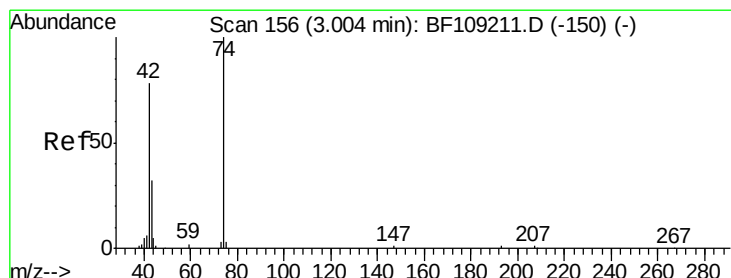
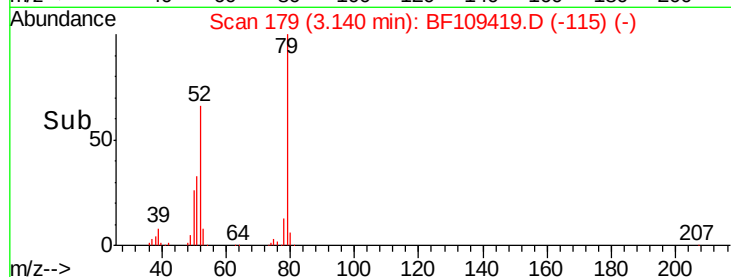
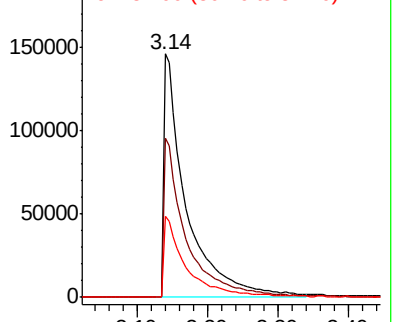
79 100

52 65.5 59.8 89.6

51 33.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.125 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.06 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

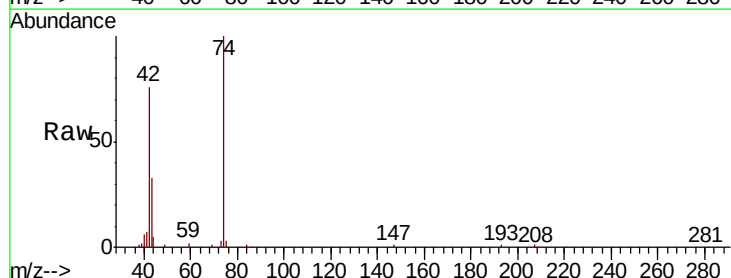
Tgt Ion: 42 Resp: 155632

Ion Ratio Lower Upper

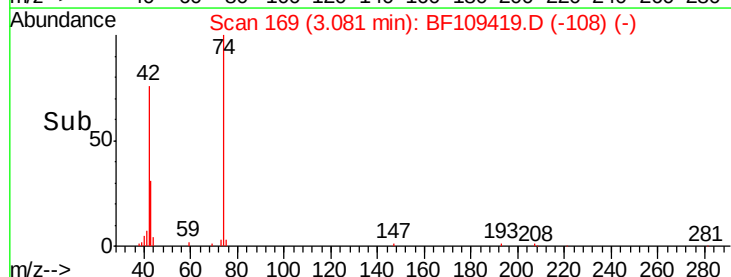
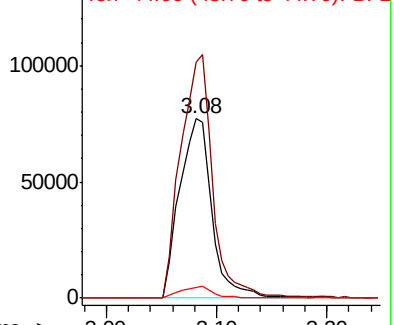
42 100

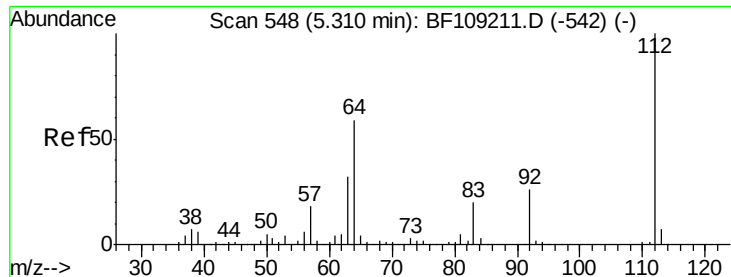
74 131.7 104.9 157.3

44 6.0 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 95.982 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

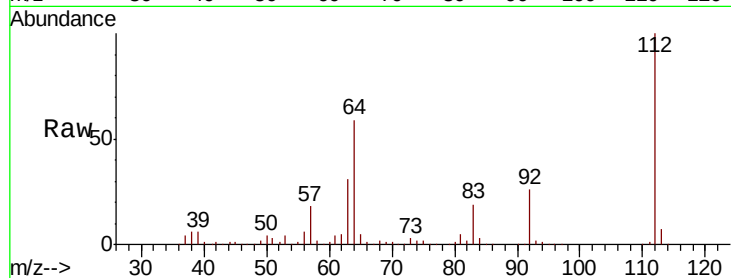
Tgt Ion: 112 Resp: 628375

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

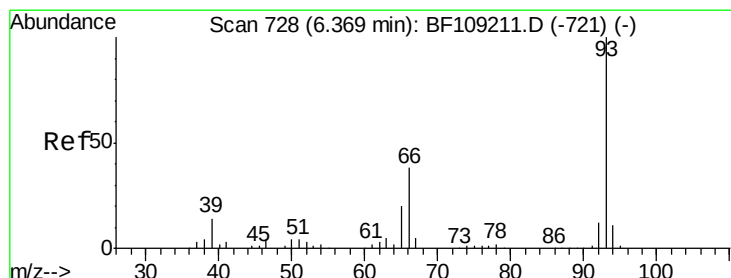
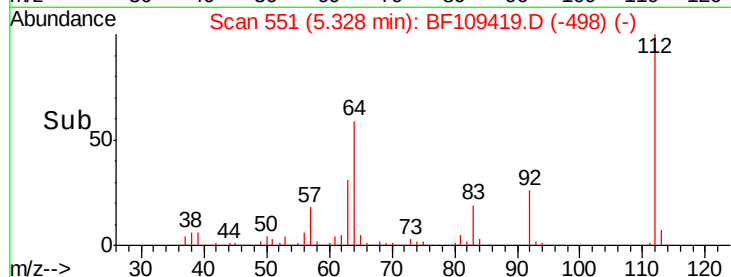
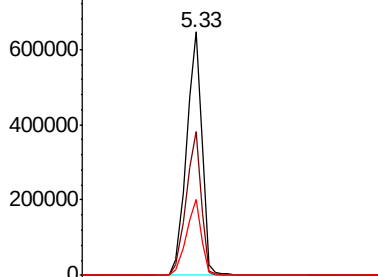
63 31.2 23.7 35.5



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: 35.210 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

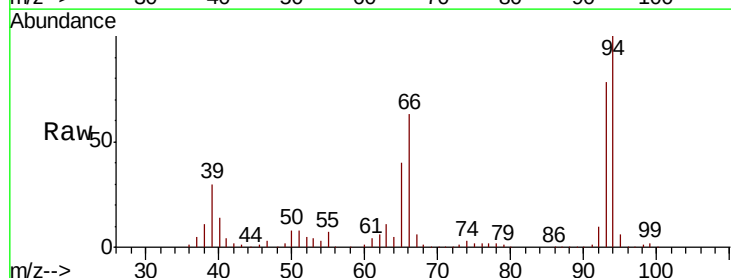
Tgt Ion: 93 Resp: 376325

Ion Ratio Lower Upper

93 100

66 81.8 32.2 48.2#

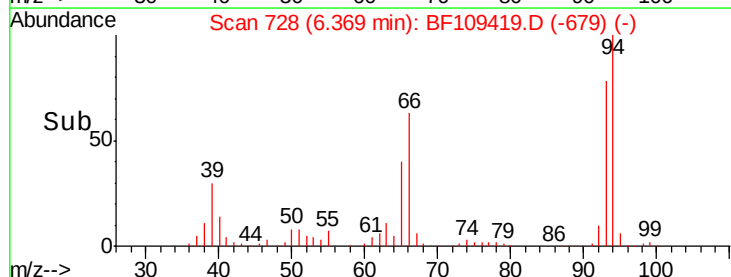
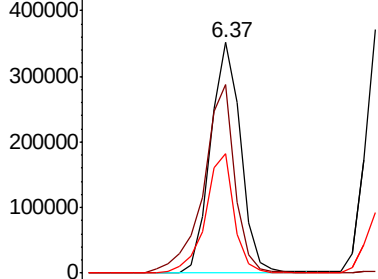
65 51.9 16.4 24.6#

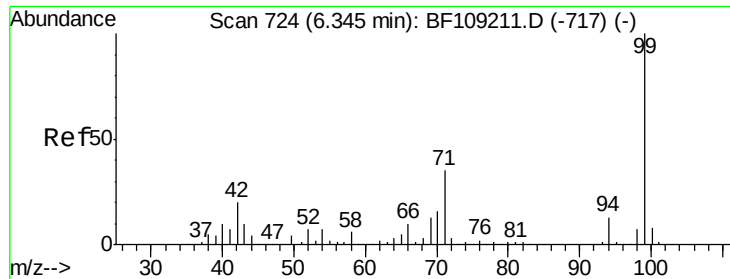


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.385 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

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ClientSampleId :

PB113249BSD

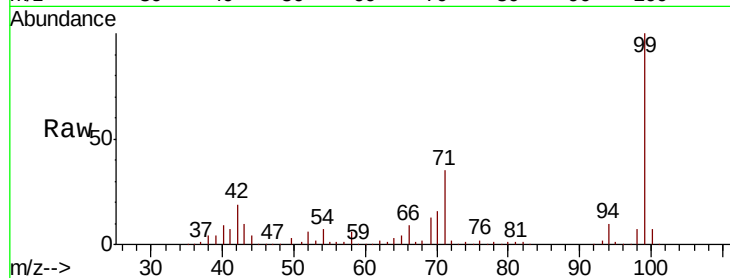
Tgt Ion: 99 Resp: 805195

Ion Ratio Lower Upper

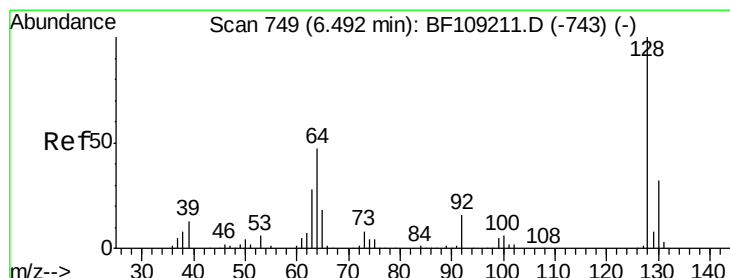
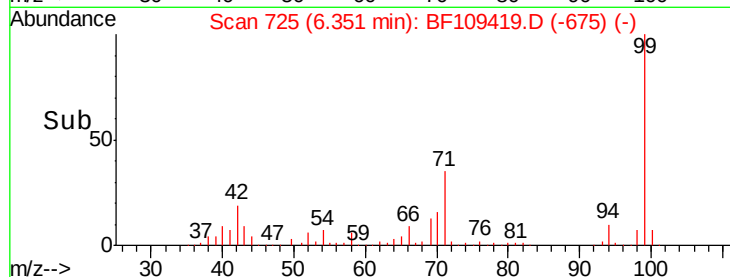
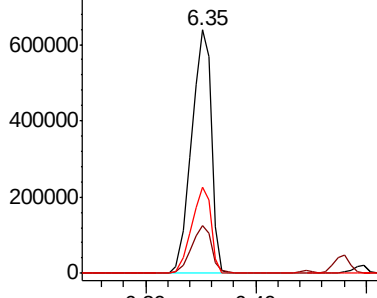
99 100

42 19.4 14.5 21.7

71 35.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 45.731 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

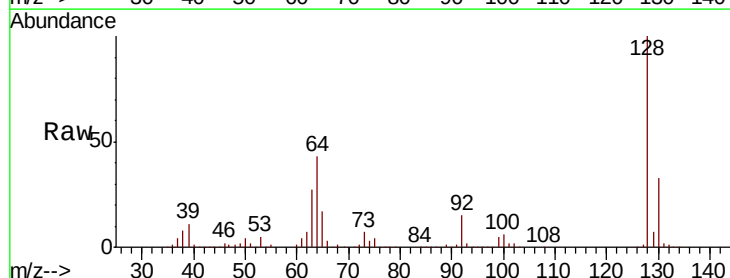
Tgt Ion: 128 Resp: 332934

Ion Ratio Lower Upper

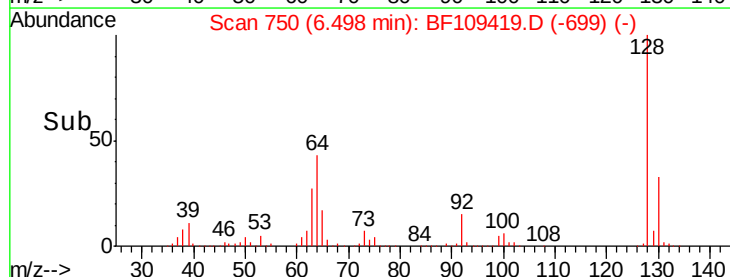
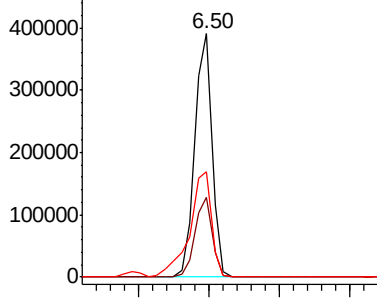
128 100

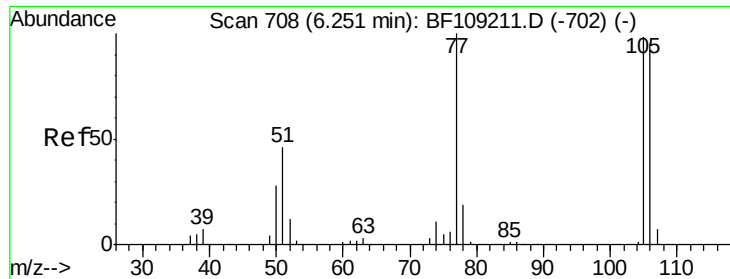
130 32.6 13.0 53.0

64 43.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 36.947 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

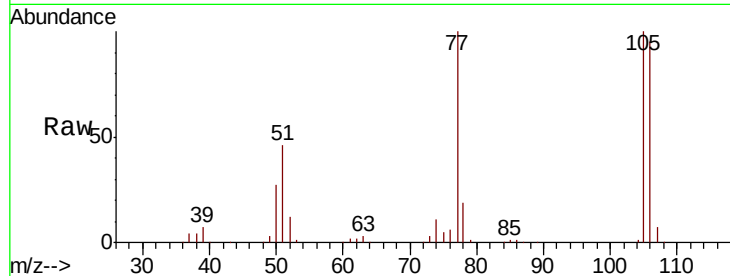
Tgt Ion: 77 Resp: 198281

Ion Ratio Lower Upper

77 100

105 99.9 81.1 121.1

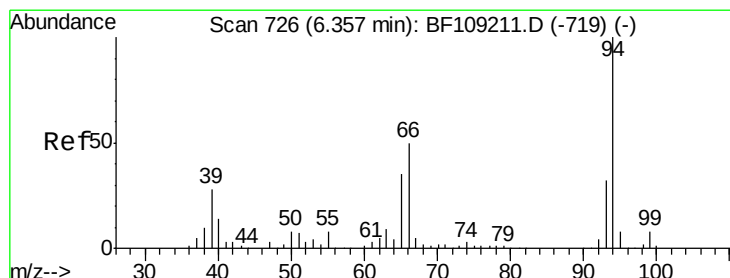
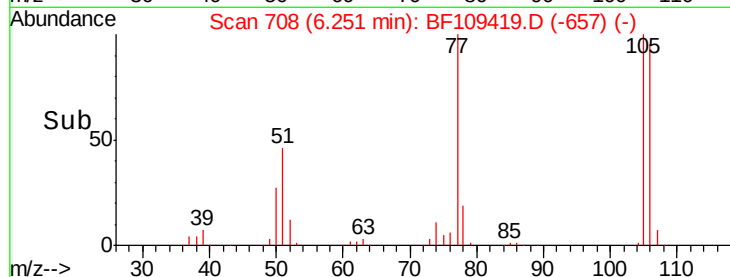
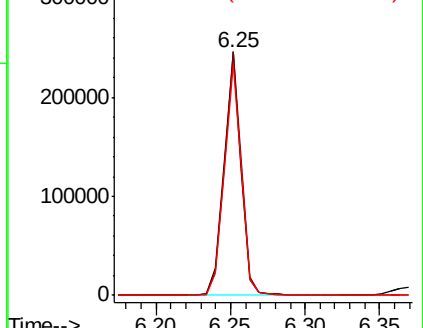
106 94.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.585 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

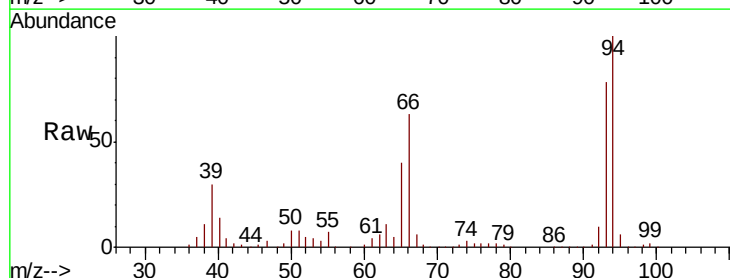
Tgt Ion: 94 Resp: 402882

Ion Ratio Lower Upper

94 100

65 40.3 7.9 47.9

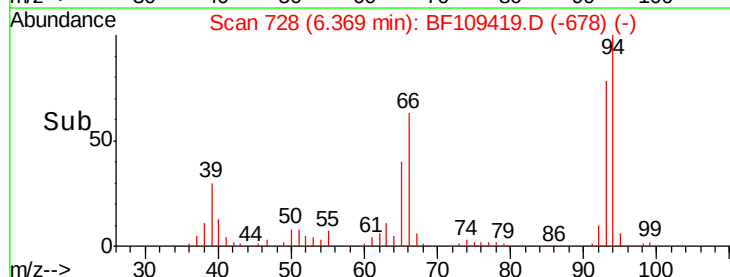
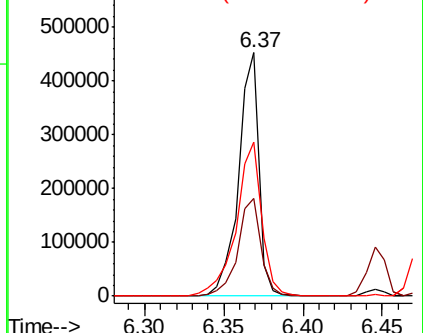
66 63.5 16.2 56.2#

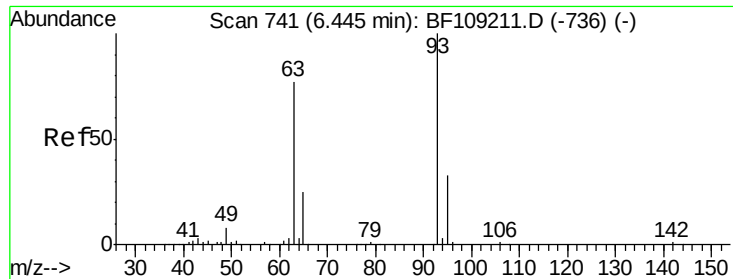


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



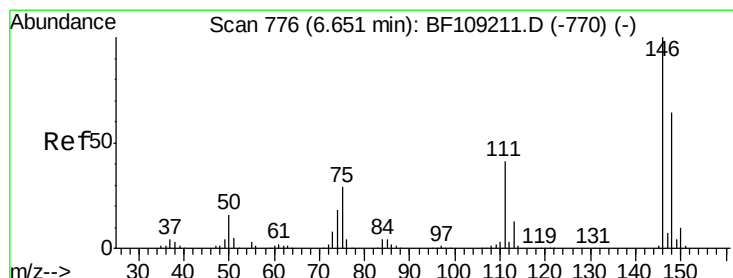
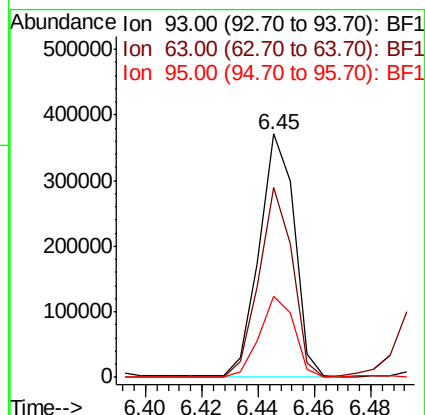
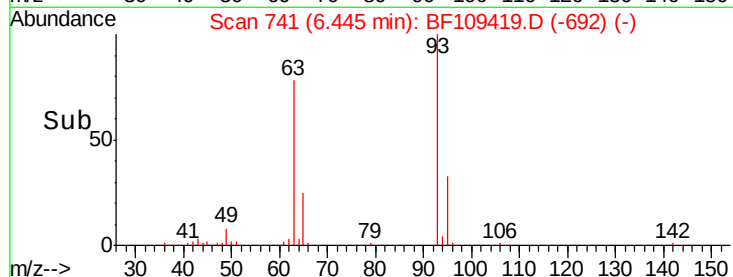
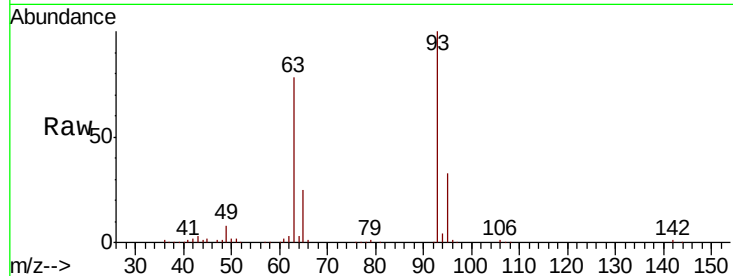


#11
bis(2-Chloroethyl)ether
Concen: 43.234 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tgt Ion: 93 Resp: 320050

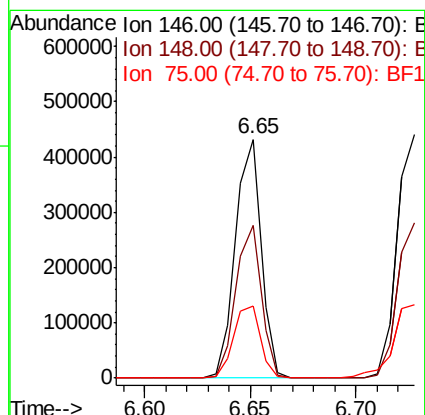
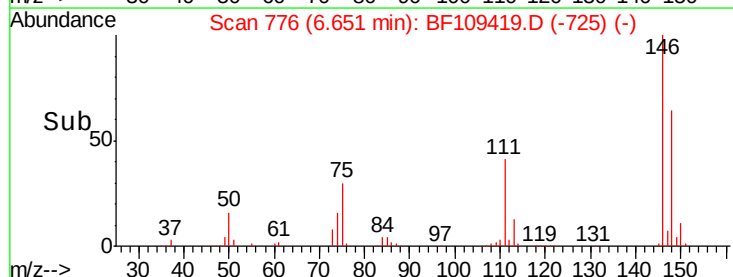
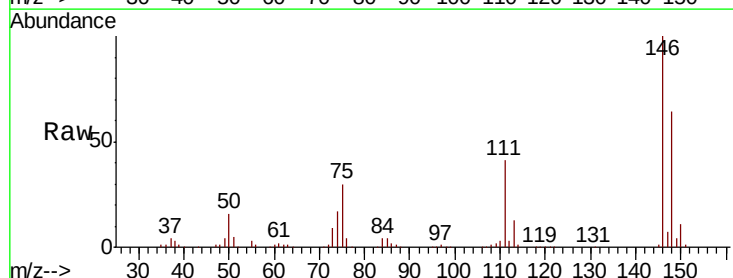
Ion	Ratio	Lower	Upper
93	100		
63	78.1	58.6	98.6
95	33.2	11.8	51.8

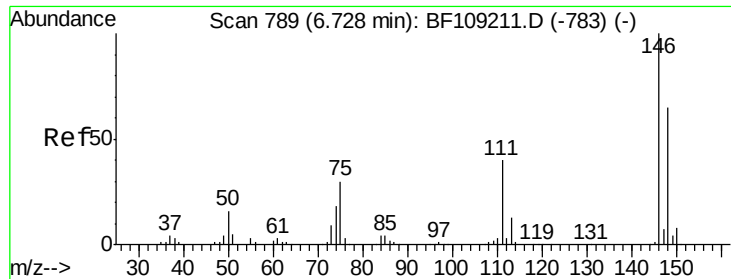


#12
1,3-Dichlorobenzene
Concen: 43.345 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion: 146 Resp: 363329

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	29.9	24.2	36.4

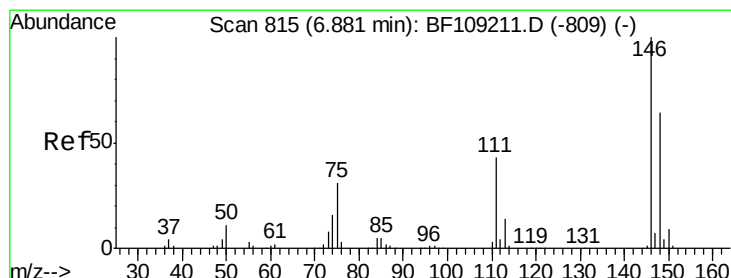
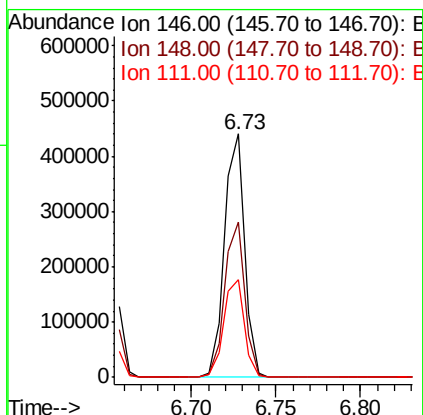
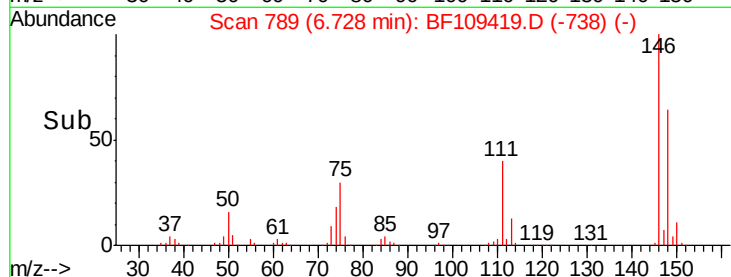
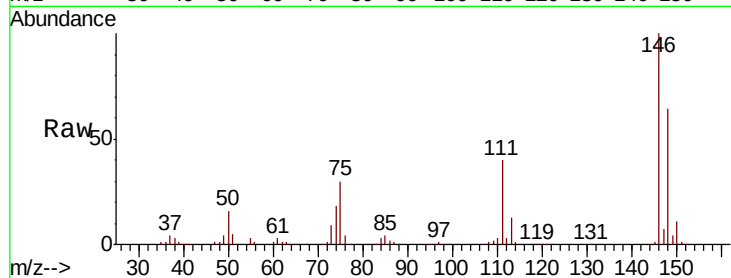




#13
 1,4-Dichlorobenzene
 Concen: 43.468 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

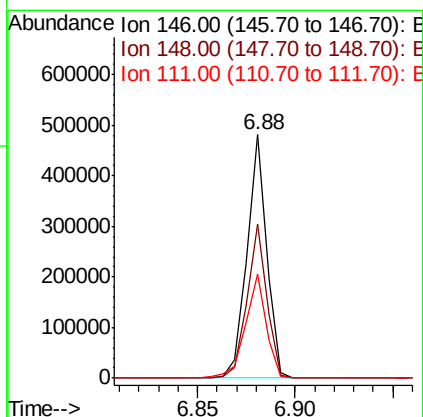
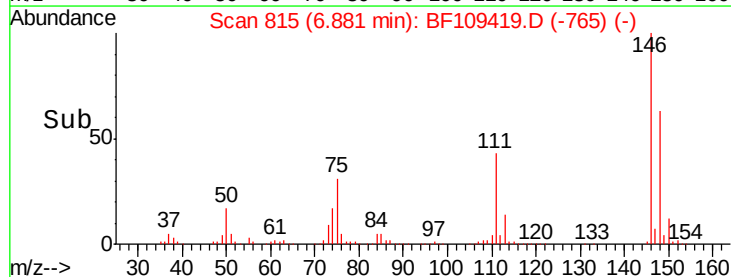
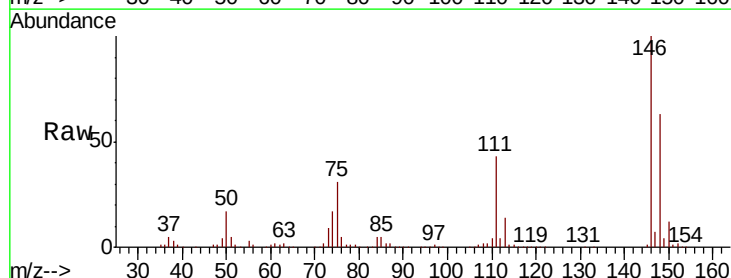
Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

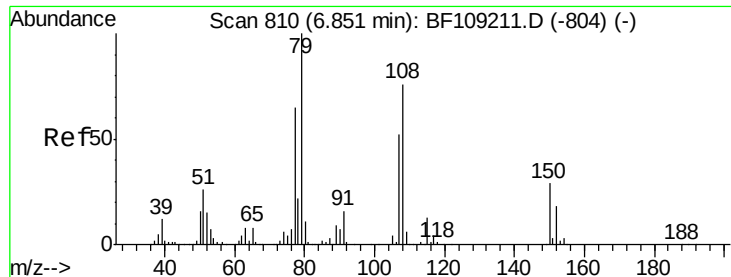
Tgt Ion:146 Resp: 367071
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 40.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.269 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:146 Resp: 337070
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 42.7 36.0 54.0

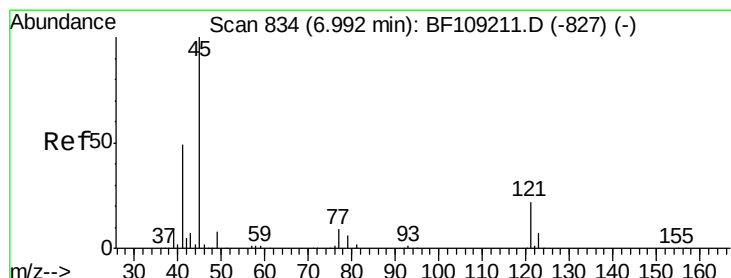
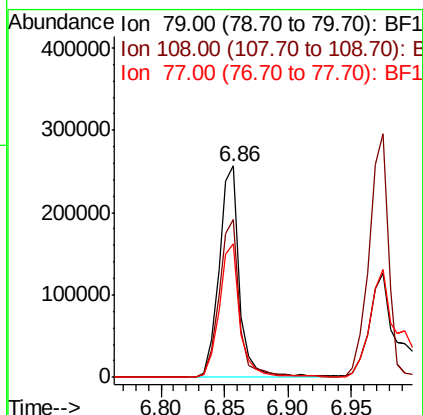
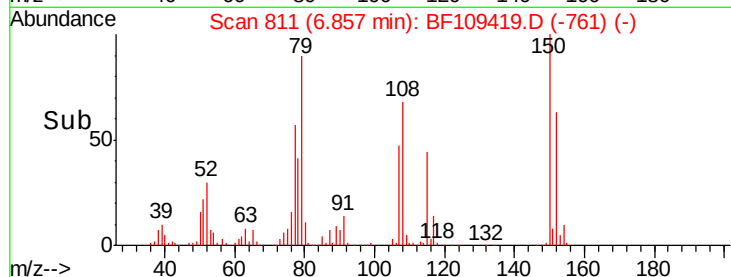
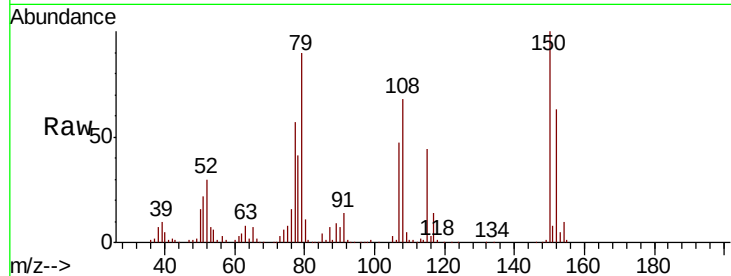




#15
Benzyl Alcohol
Concen: 45.287 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

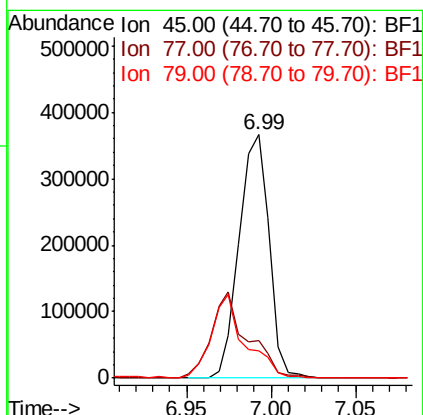
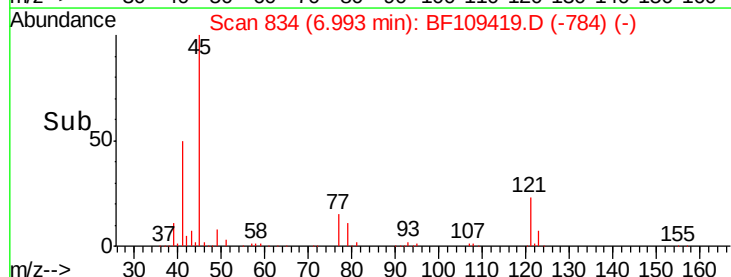
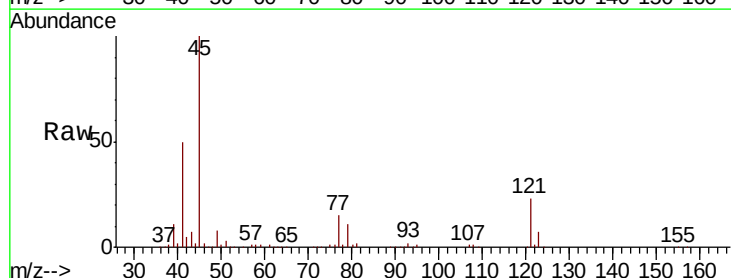
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

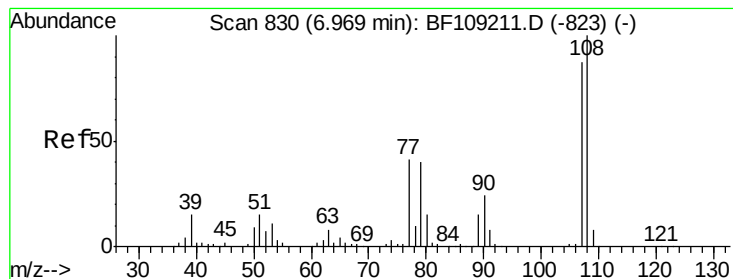
Tgt Ion: 79 Resp: 289586
Ion Ratio Lower Upper
79 100
108 74.7 65.1 97.7
77 63.5 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.256 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion: 45 Resp: 454209
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 11.3 0.0 29.6





#17

2-Methylphenol

Concen: 45.761 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

Tgt Ion:107 Resp: 269569

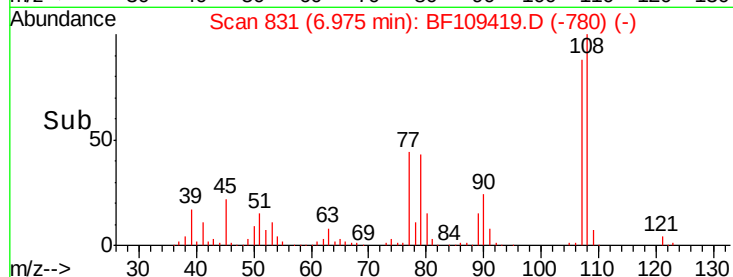
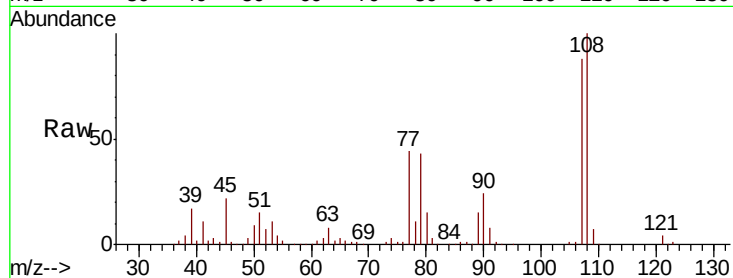
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 50.1 33.8 50.8

79 48.5 33.8 50.8

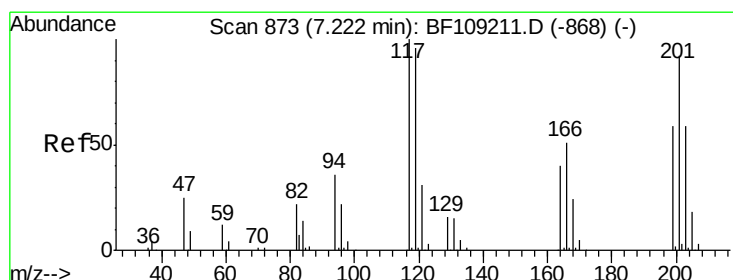
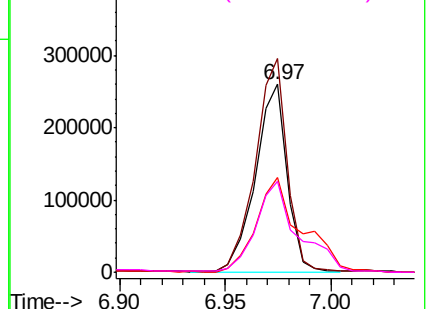


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.964 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

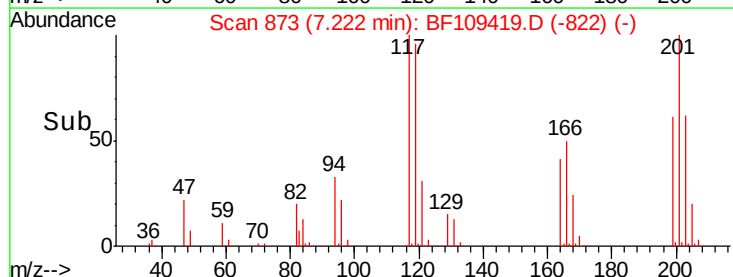
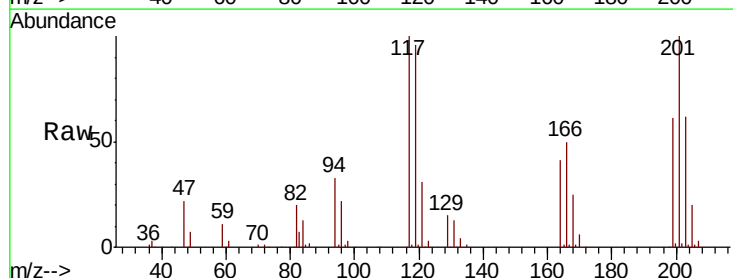
Tgt Ion:117 Resp: 124849

Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.8

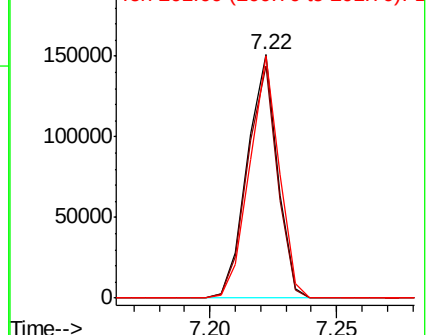
201 99.6 75.7 113.5

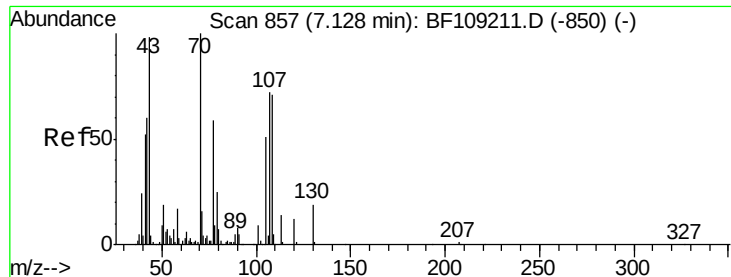


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

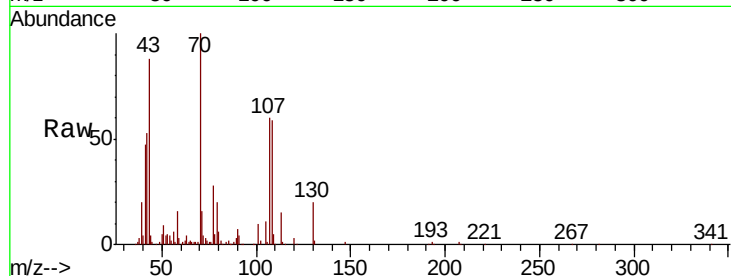




#19
n-Nitroso-di-n-propylamine
Concen: 43.922 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tgt Ion:	70	Resp:	240430
Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	9.5	7.4	11.2
130	20.2	16.6	25.0



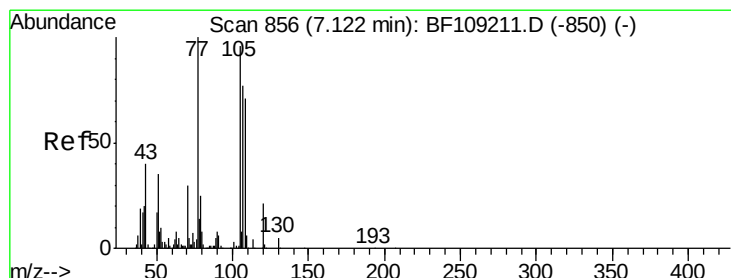
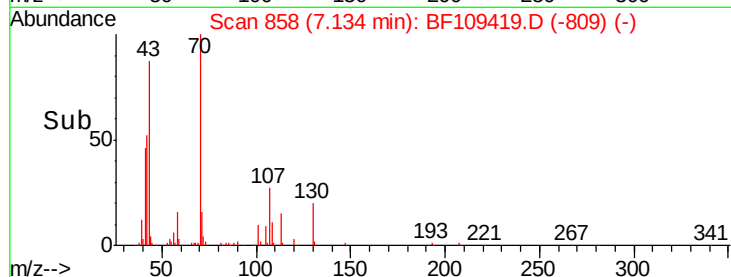
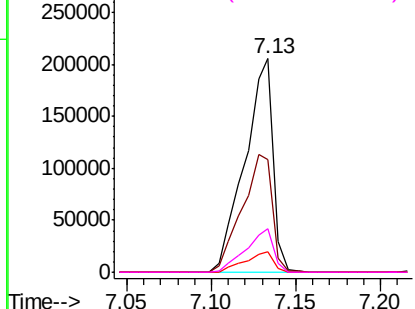
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

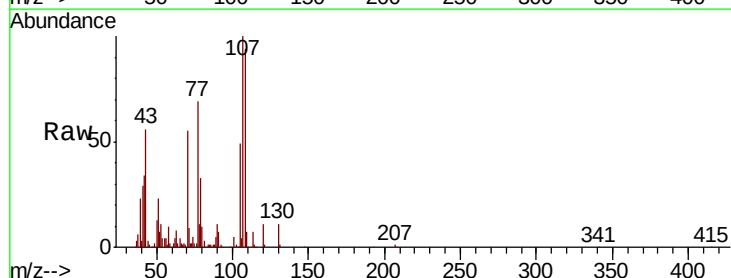
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.178 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:	107	Resp:	321313
Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.2	108.2
77	69.1	26.7	66.7#
79	32.7	6.3	46.3



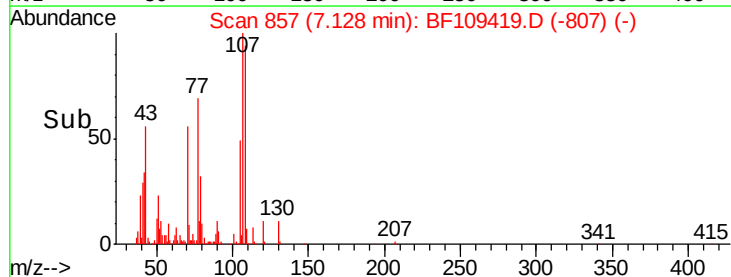
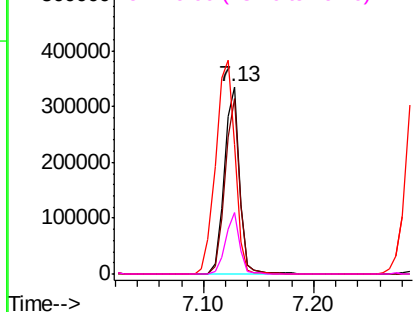
Abundance

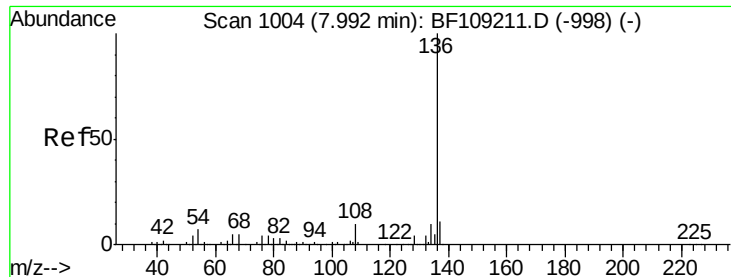
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

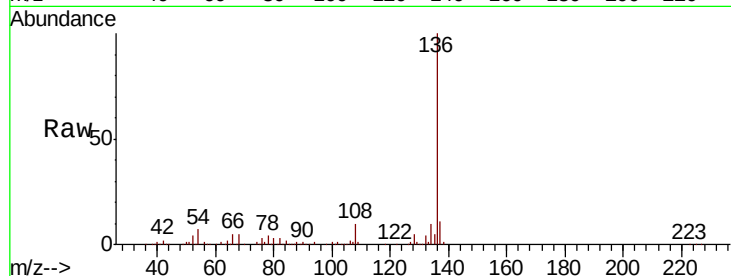




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tgt Ion:	136	Resp:	406317
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.3	5.0	7.4



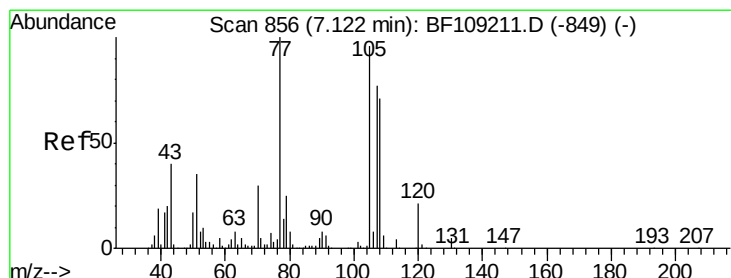
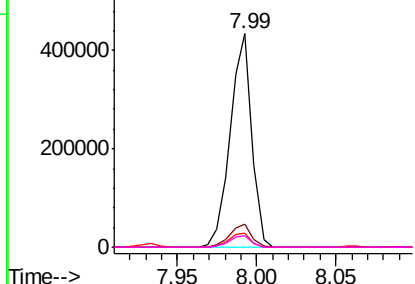
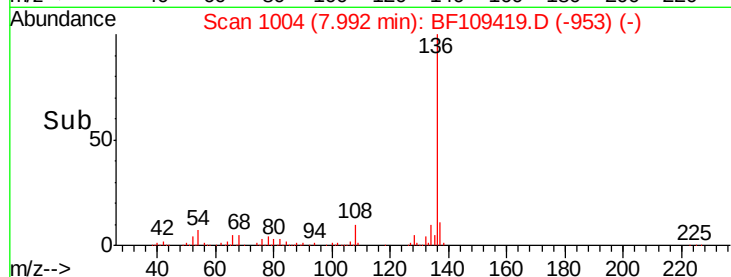
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

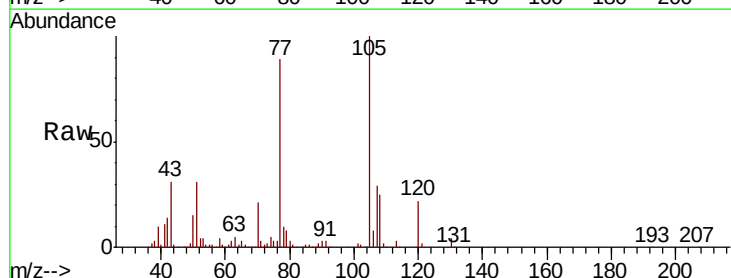
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 48.900 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:	105	Resp:	459364
Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.4	6.6#
51	30.7	22.3	33.5
120	22.0	16.9	25.3



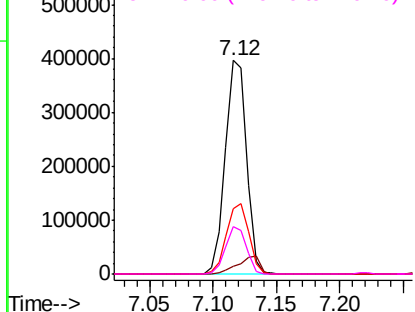
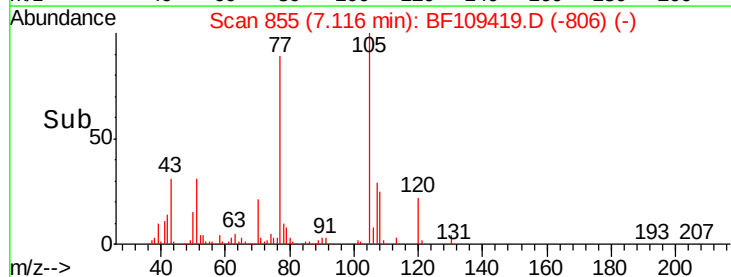
Abundance

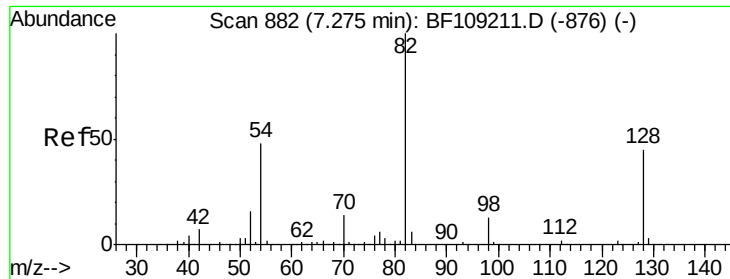
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

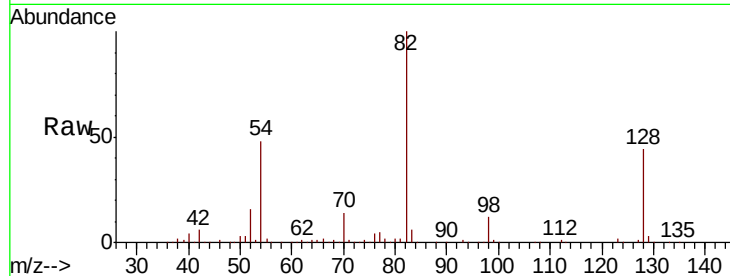




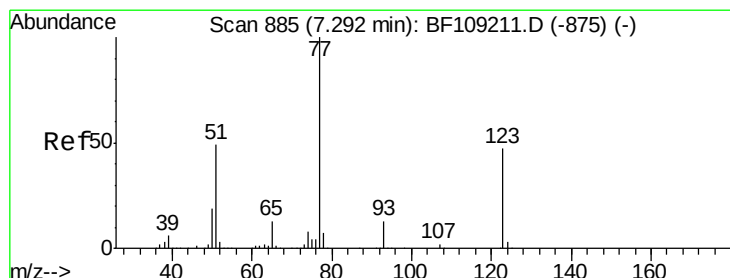
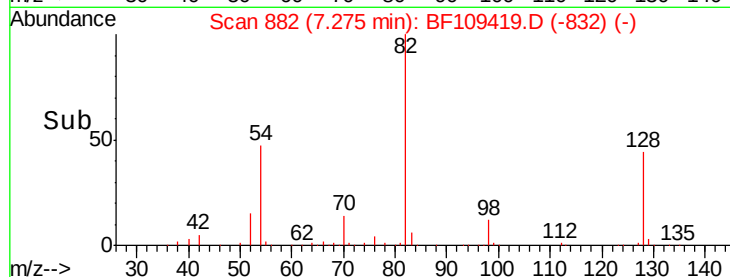
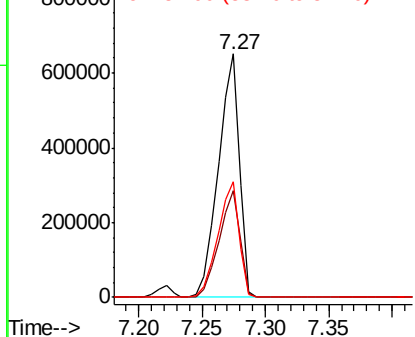
#23
 Nitrobenzene-d5
 Concen: 109.032 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	47.7	41.4	62.2

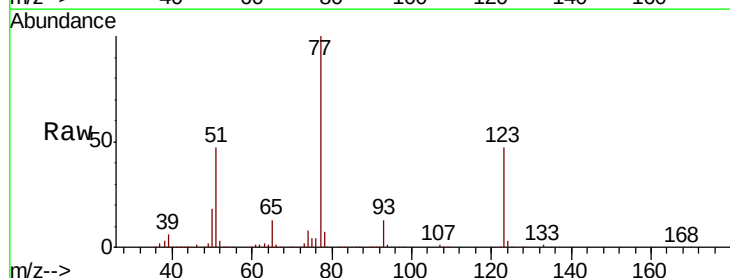


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

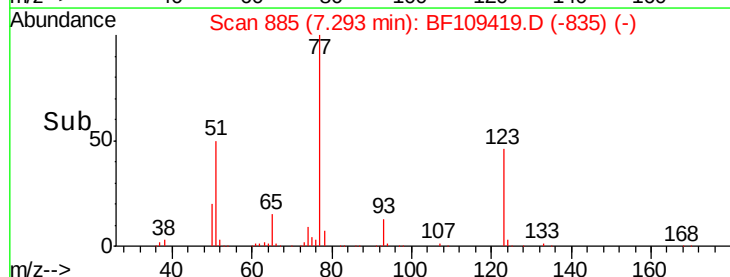
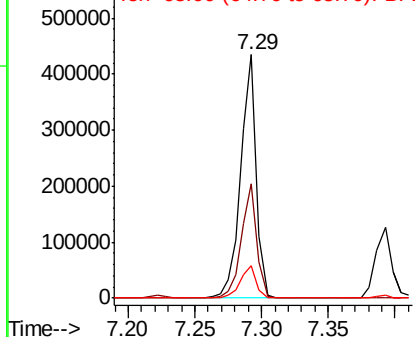


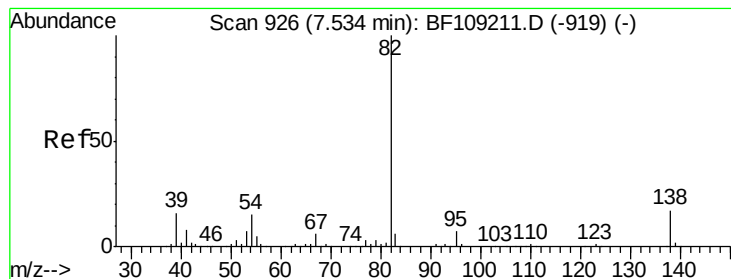
#24
 Nitrobenzene
 Concen: 48.293 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.9	56.9
65	13.3	11.0	16.4



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





#25

Isophorone

Concen: 52.844 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

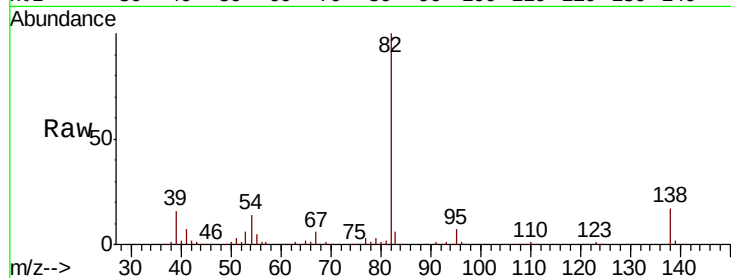
Tgt Ion: 82 Resp: 654984

Ion Ratio Lower Upper

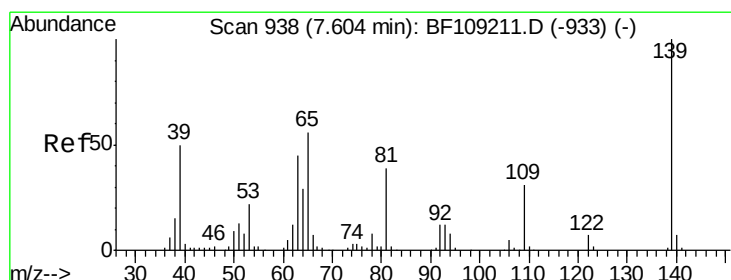
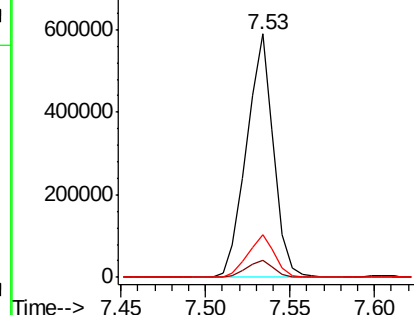
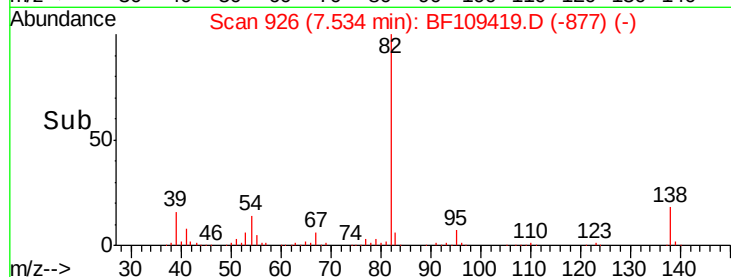
82 100

95 7.2 5.2 7.8

138 17.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 57.227 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

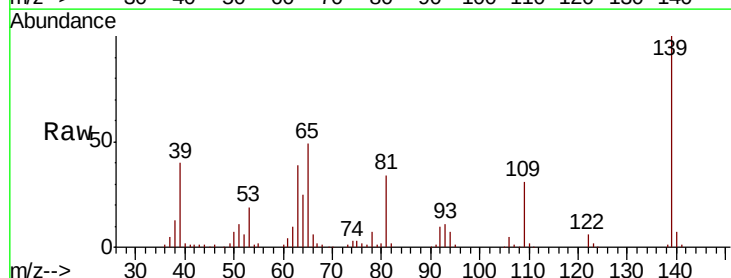
Tgt Ion: 139 Resp: 165630

Ion Ratio Lower Upper

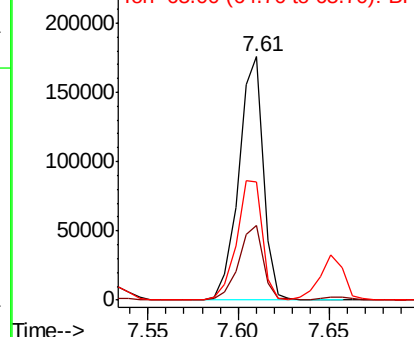
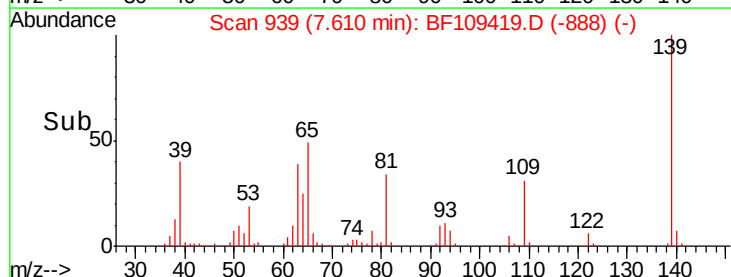
139 100

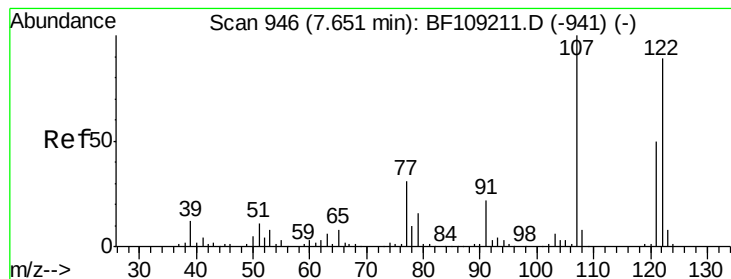
109 30.7 22.7 34.1

65 48.8 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 55.461 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

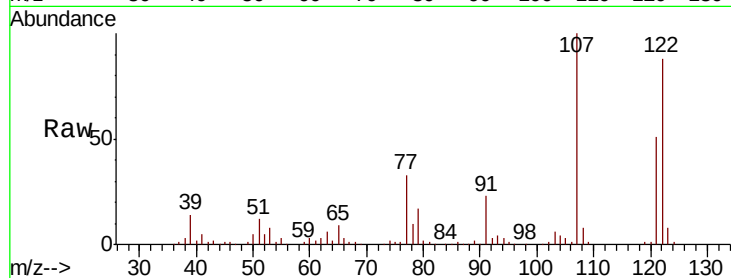
Tgt Ion: 122 Resp: 299523

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

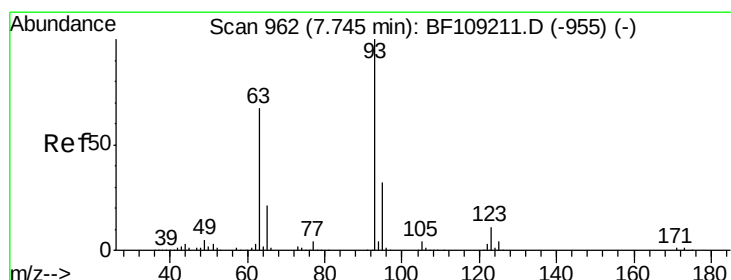
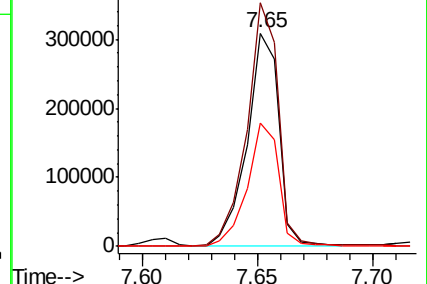
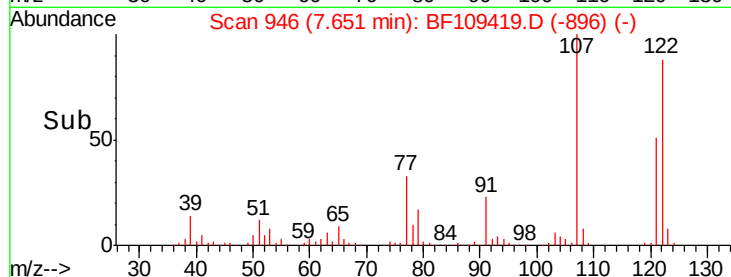
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.098 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

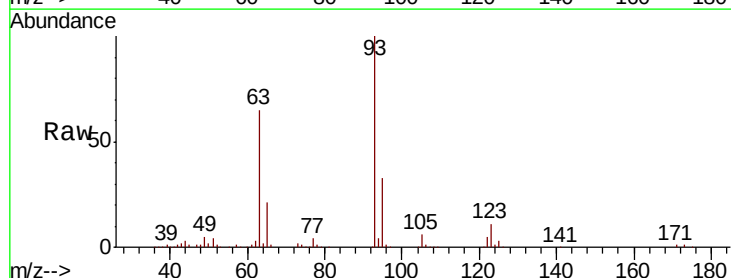
Tgt Ion: 93 Resp: 411045

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

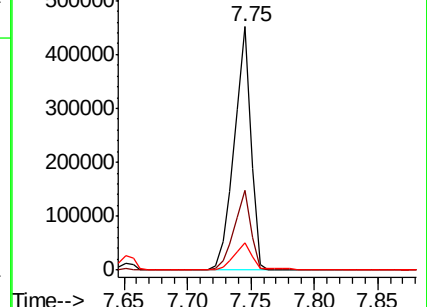
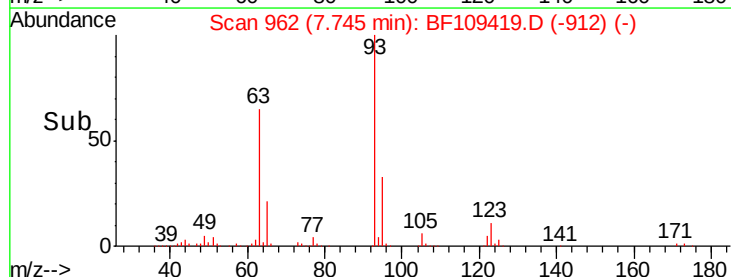
123 11.3 9.8 14.6

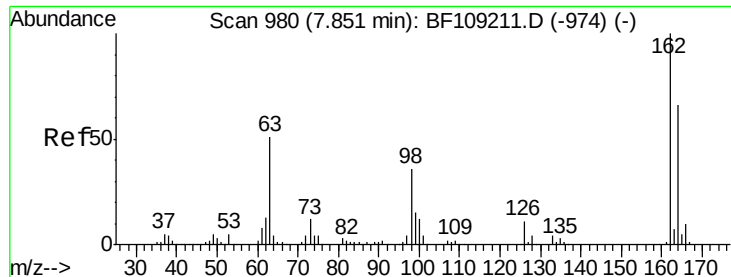


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

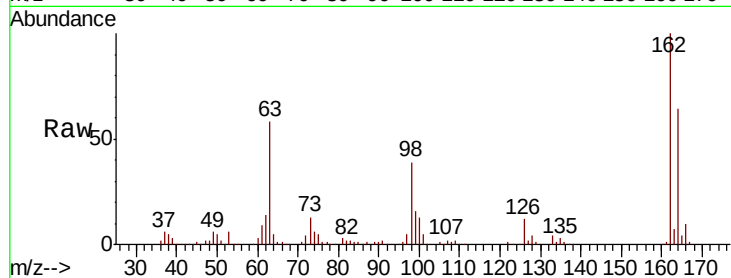




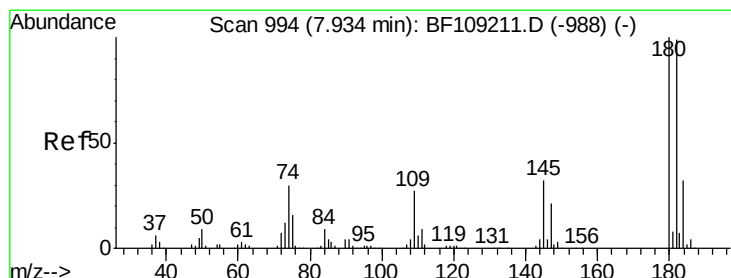
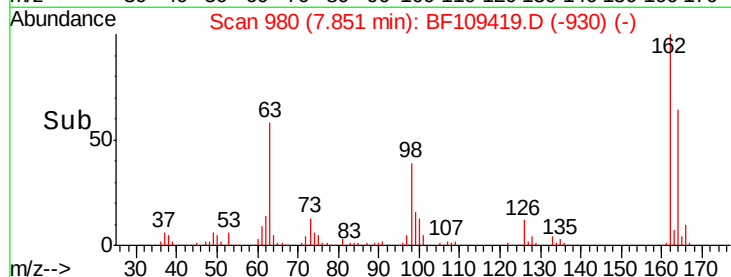
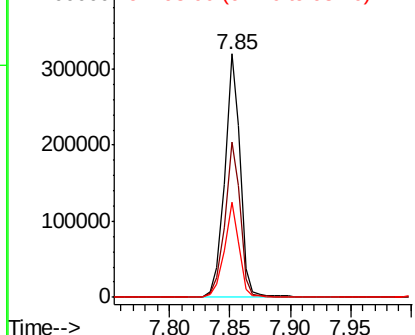
#29
 2,4-Dichlorophenol
 Concen: 49.988 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	38.9	18.1	58.1

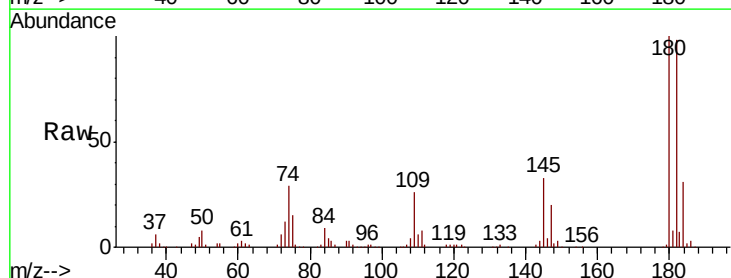


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

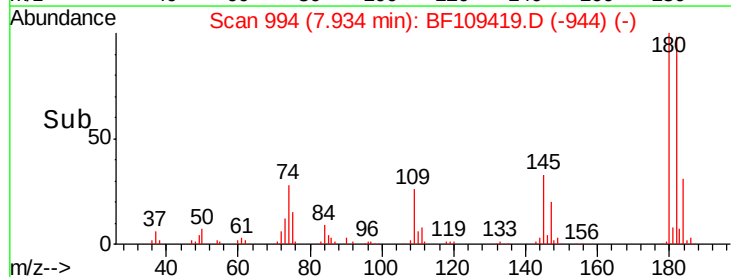
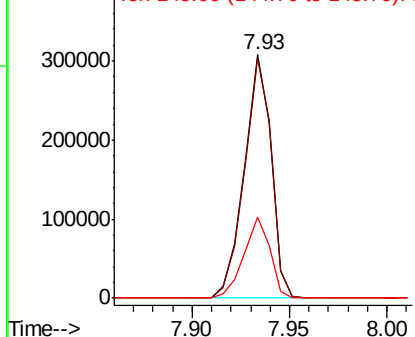


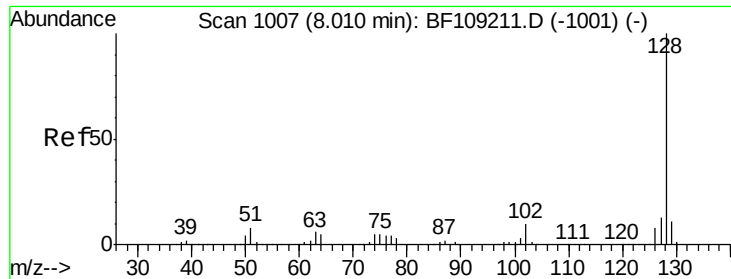
#30
 1,2,4-Trichlorobenzene
 Concen: 46.240 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.8	115.2
145	33.0	26.5	39.7



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

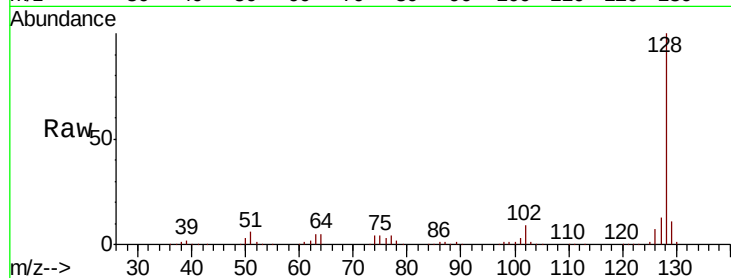




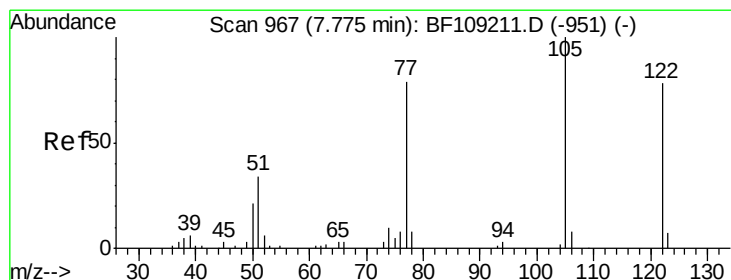
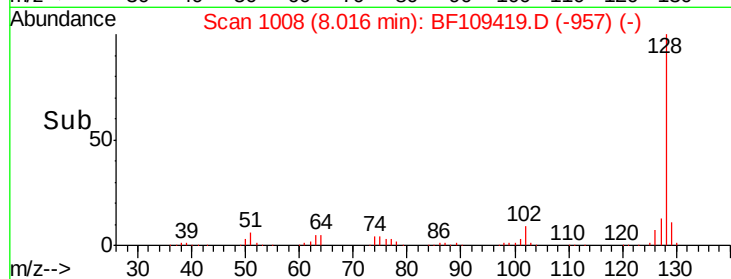
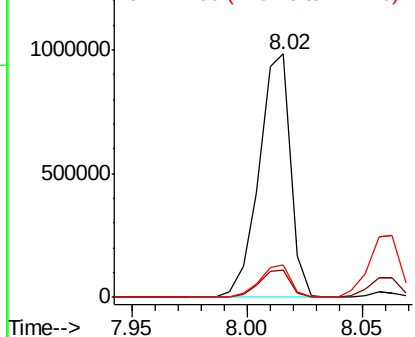
#31
Naphthalene
Concen: 49.524 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tgt Ion:128 Resp: 940321
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

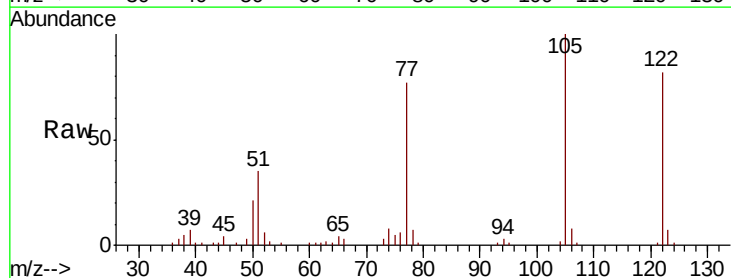


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

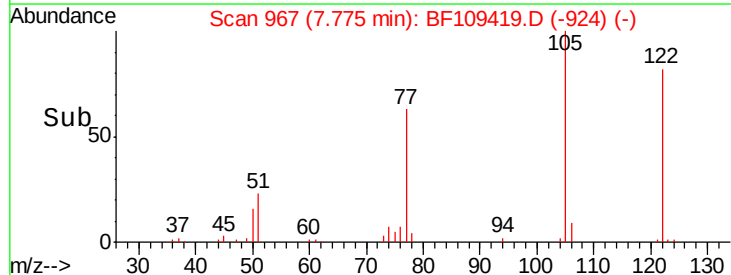
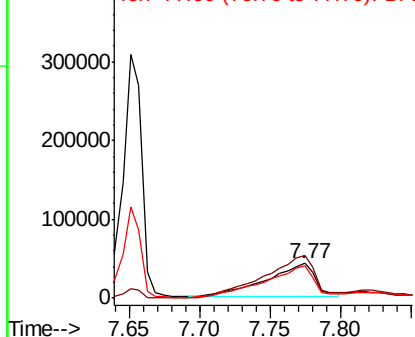


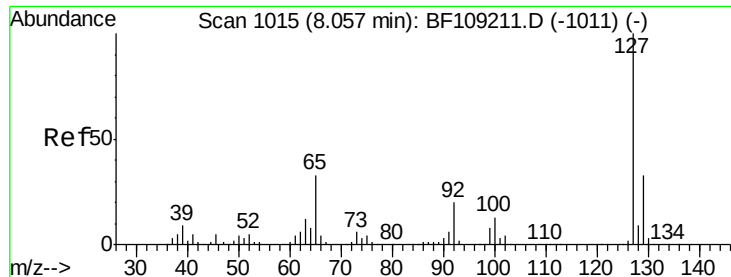
#32
Benzoic acid
Concen: 29.943 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:122 Resp: 98958
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 94.9 70.7 110.7



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

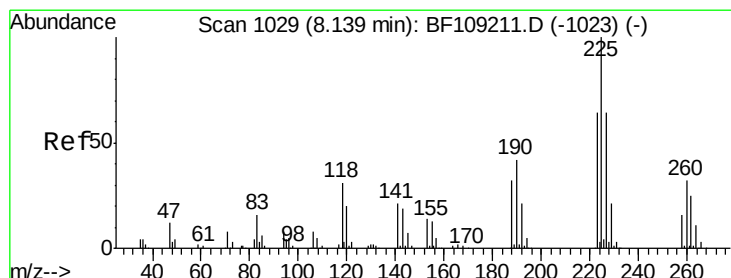
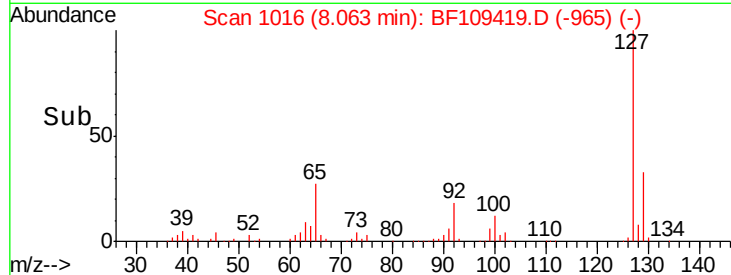
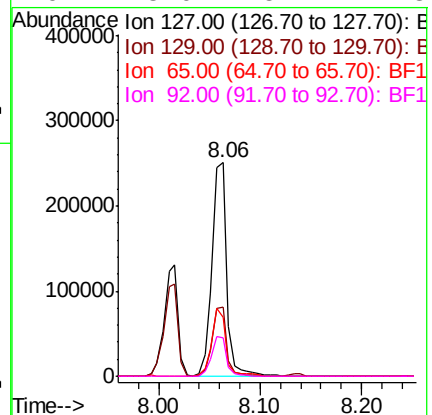
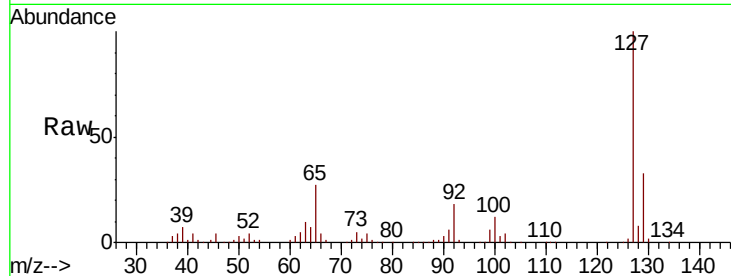




#33
4-Chloroaniline
Concen: 30.740 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

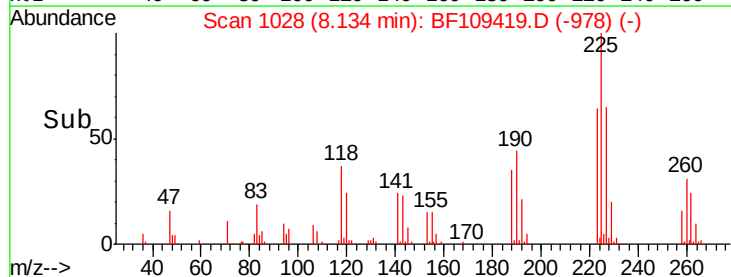
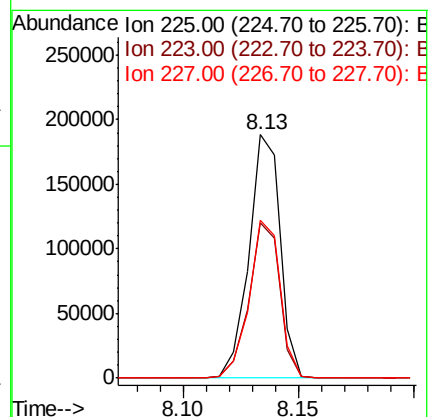
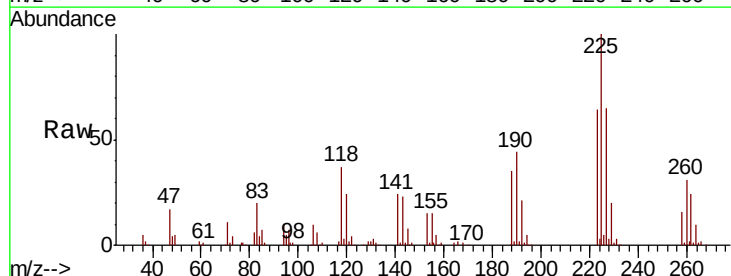
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

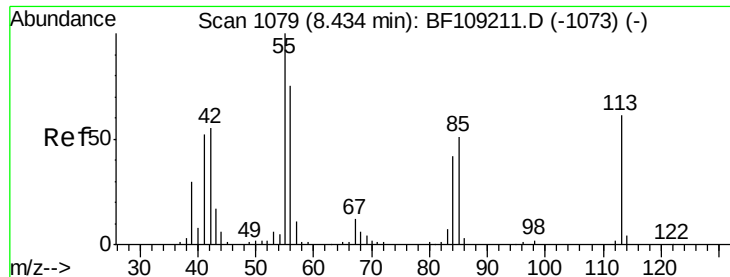
Tgt Ion:	127	Resp:	254978
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	27.4	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 46.731 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:	225	Resp:	178623
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	65.0	51.9	77.9

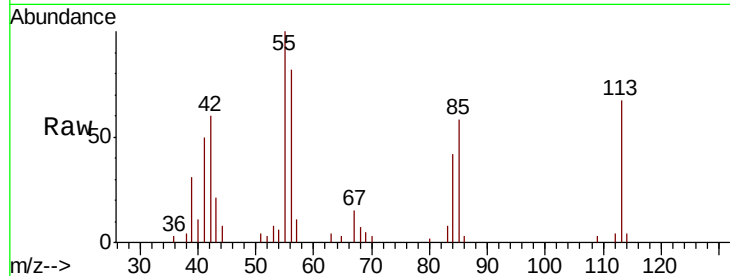




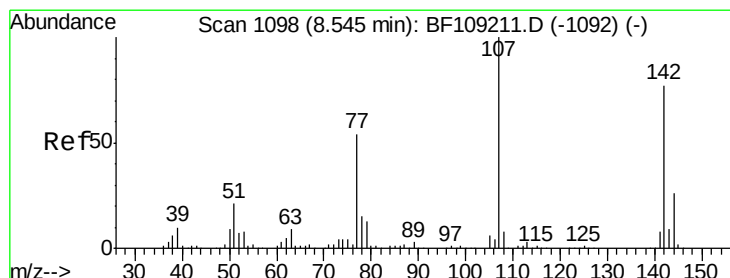
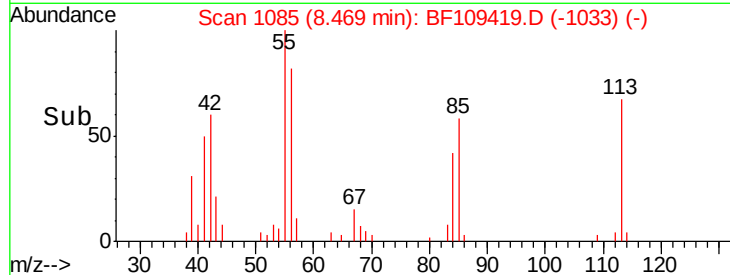
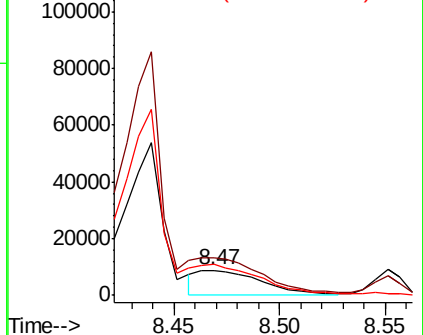
#35
 Caprolactam
 Concen: 10.402 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion:113 Resp: 18844
 Ion Ratio Lower Upper
 113 100
 55 149.3 163.3 203.3#
 56 122.8 115.7 155.7

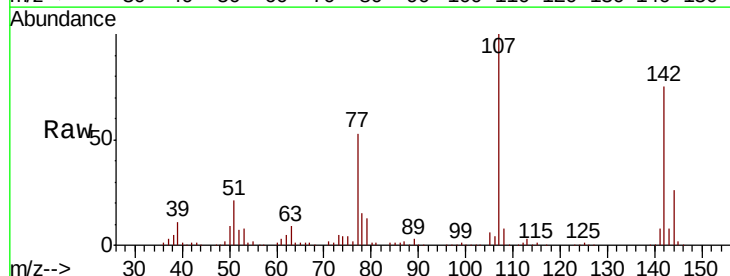


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

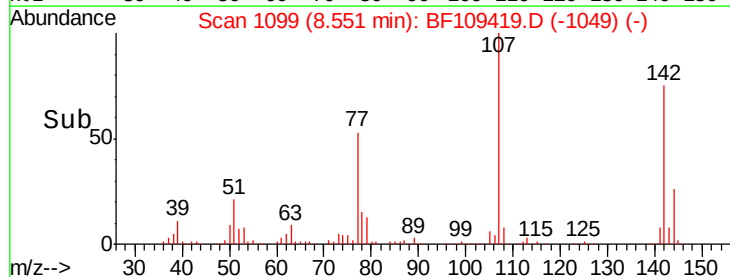
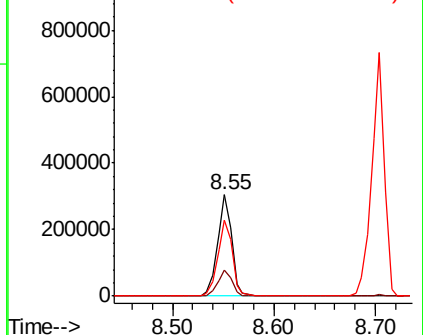


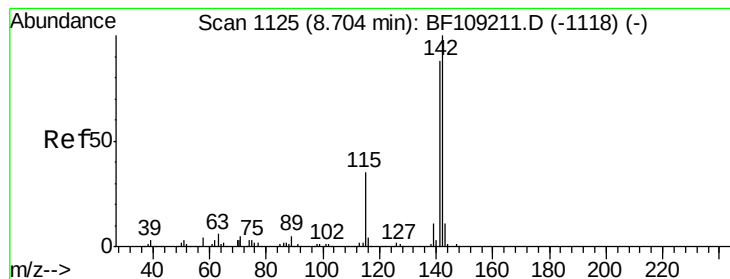
#36
 4-Chloro-3-methylphenol
 Concen: 49.314 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:107 Resp: 294452
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 75.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.851 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

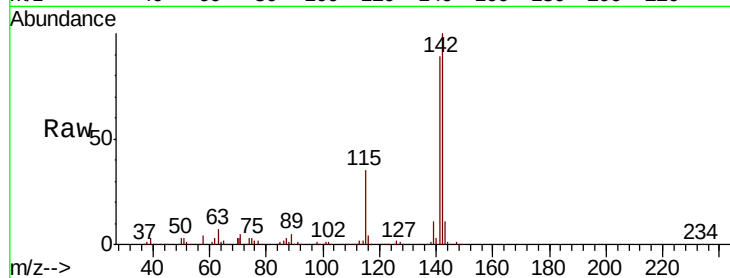
Tgt Ion:142 Resp: 634662

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

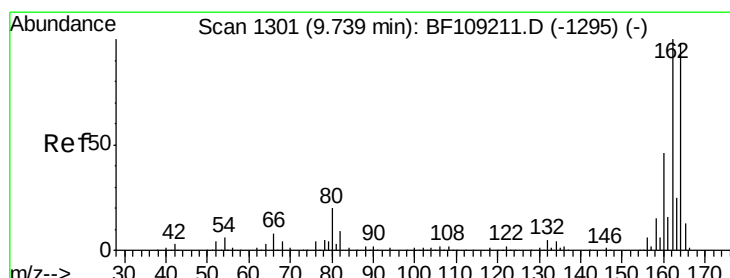
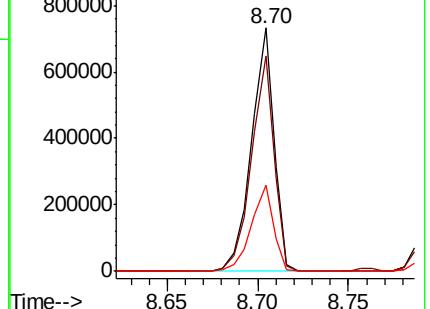
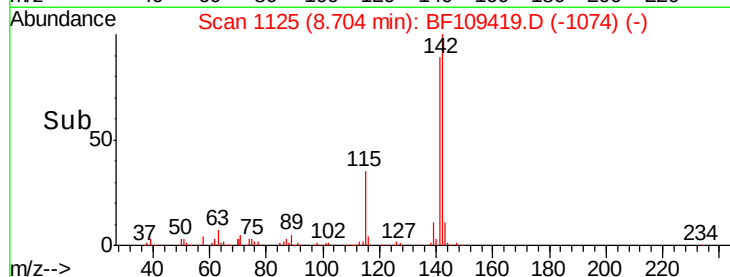
115 35.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

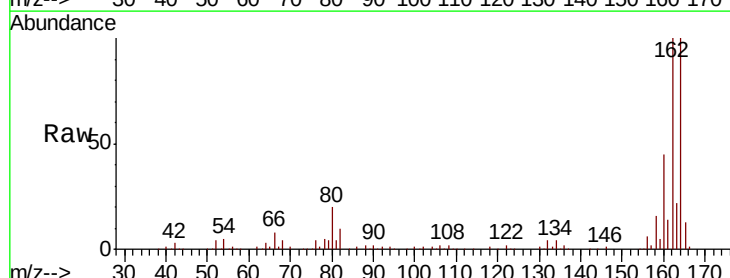
Tgt Ion:164 Resp: 188449

Ion Ratio Lower Upper

164 100

162 99.5 86.1 129.1

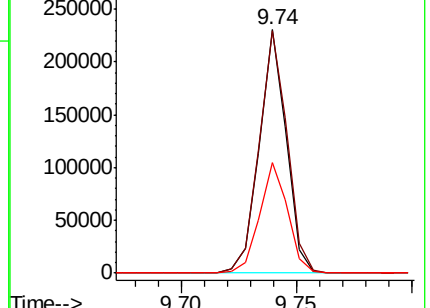
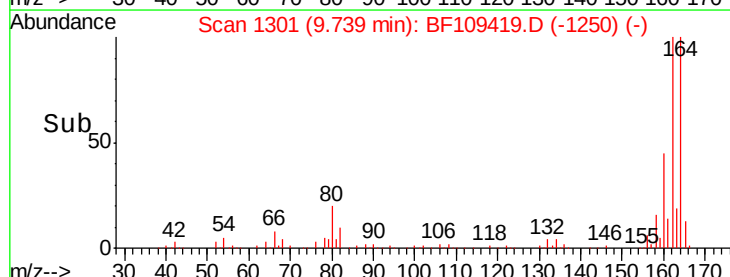
160 45.3 38.3 57.5

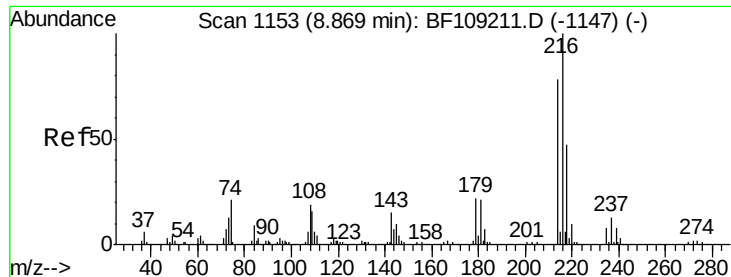


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.031 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

Tgt Ion:216 Resp: 294063

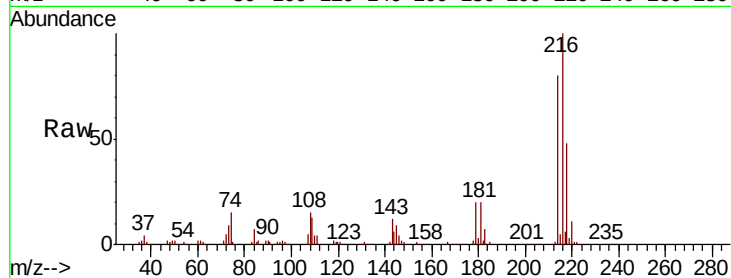
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 20.8 18.1 27.1

108 18.9 17.2 25.8

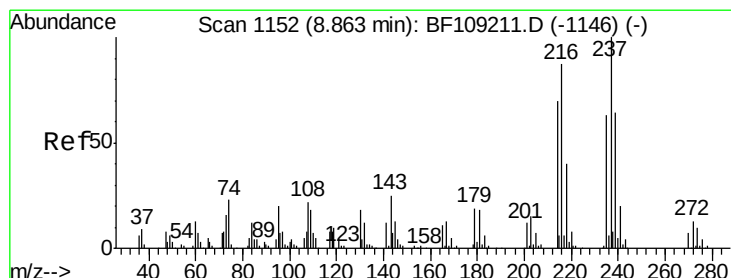
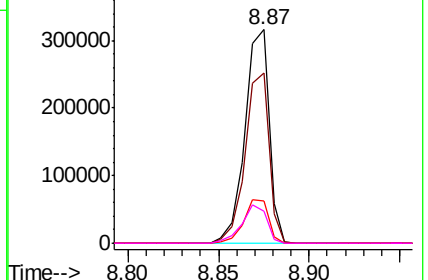
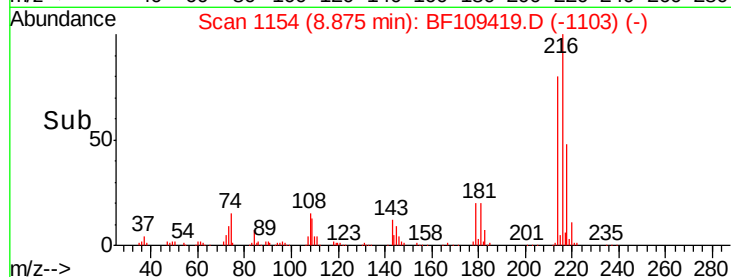


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.379 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

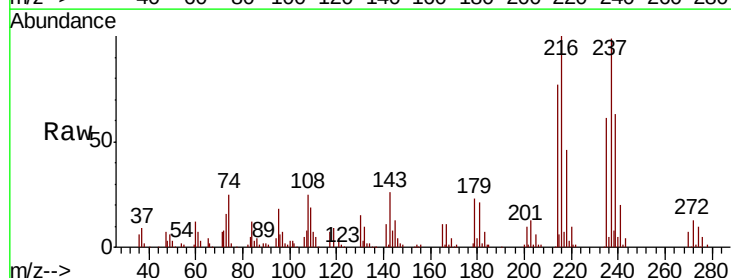
Tgt Ion:237 Resp: 110859

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

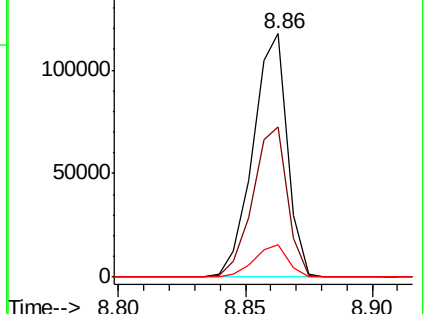
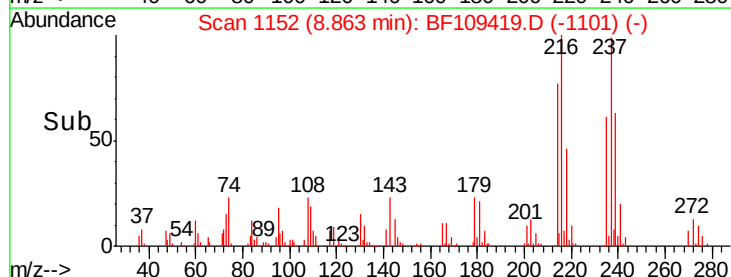
272 13.3 0.0 33.3

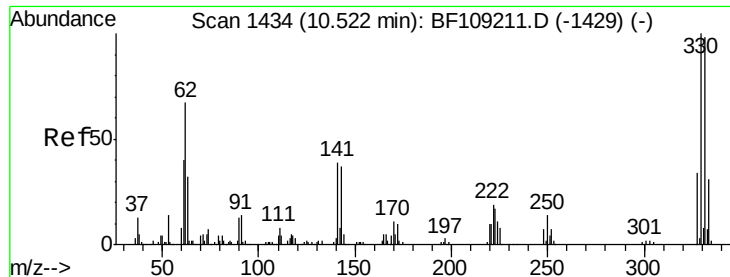


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

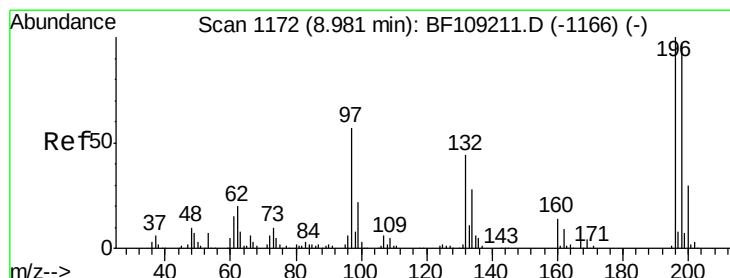
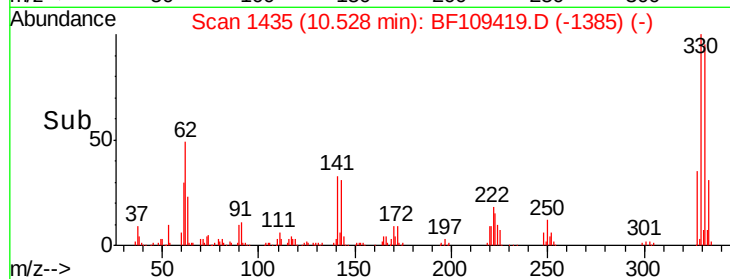
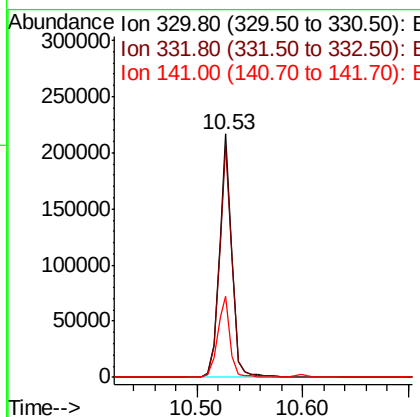
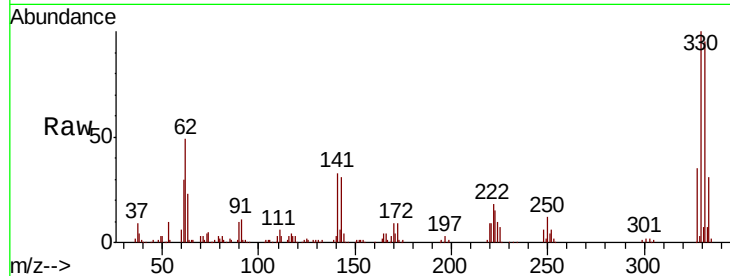




#41
 2,4,6-Tribromophenol
 Concen: 97.722 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

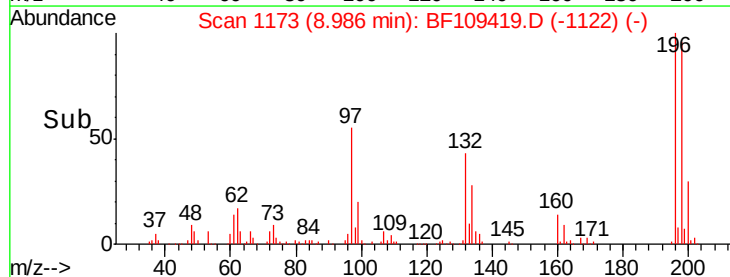
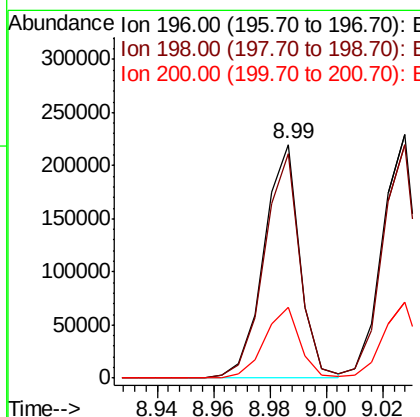
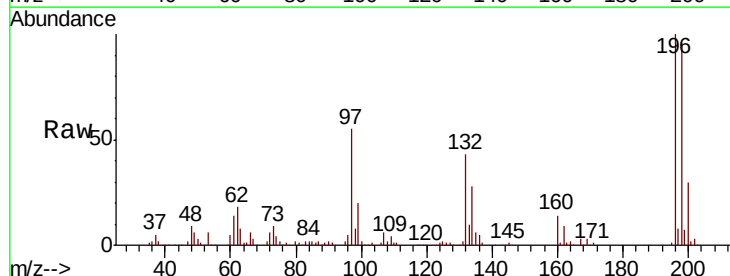
Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

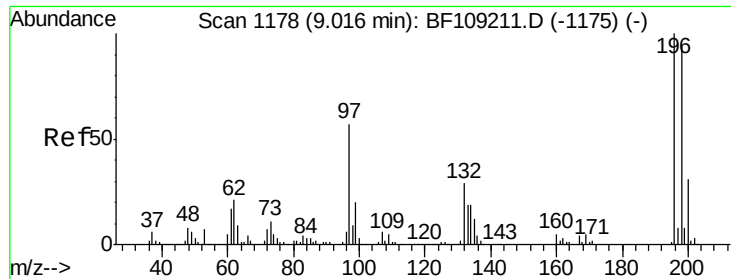
Tgt Ion:330 Resp: 181540
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 50.454 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:196 Resp: 194208
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 30.4 24.5 36.7

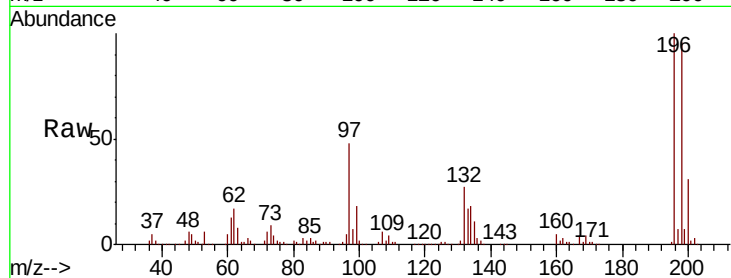




#43
 2,4,5-Trichlorophenol
 Concen: 50.622 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion:	196	Resp:	205795
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	48.3	42.9	64.3
132	27.3	26.3	39.5



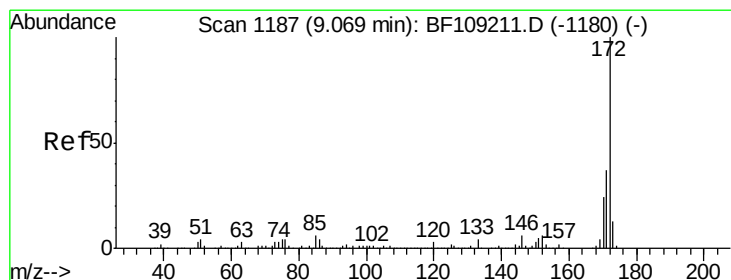
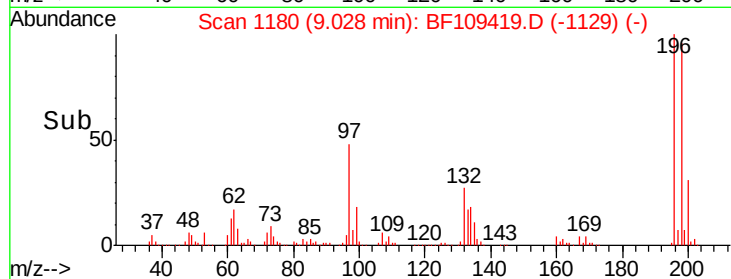
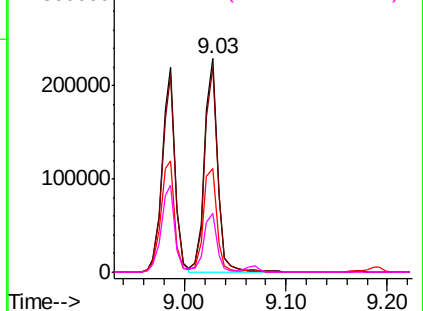
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

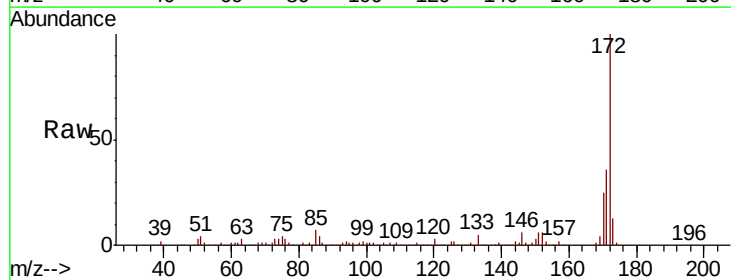
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.619 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:	172	Resp:	1319716
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.8	19.6	29.4

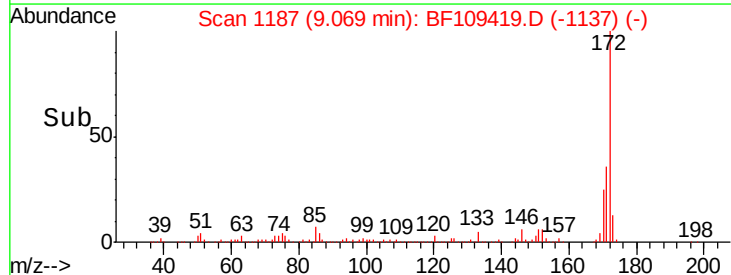
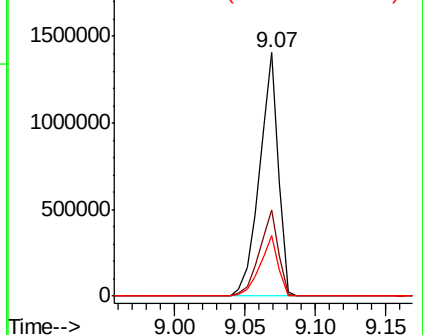


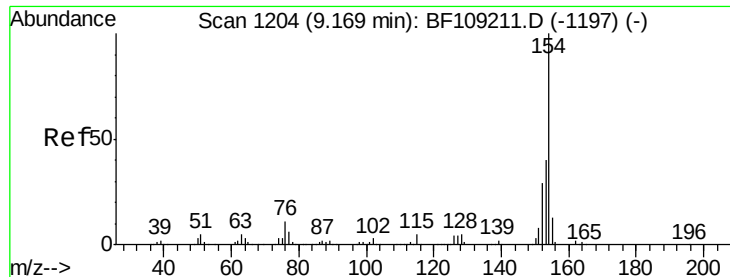
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

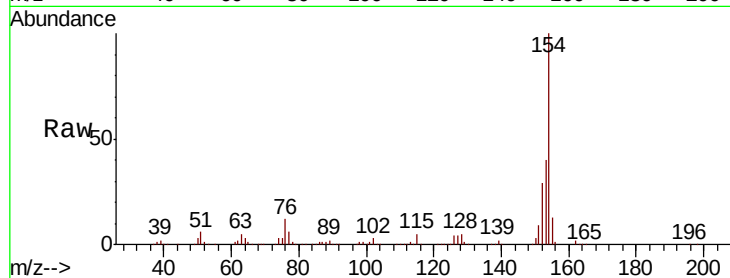




#45
 1,1'-Biphenyl
 Concen: 49.168 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	11.7	0.0	34.0

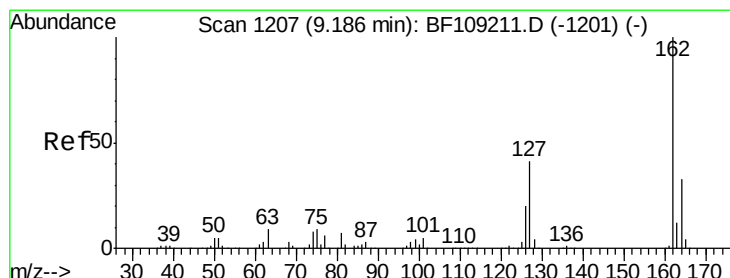
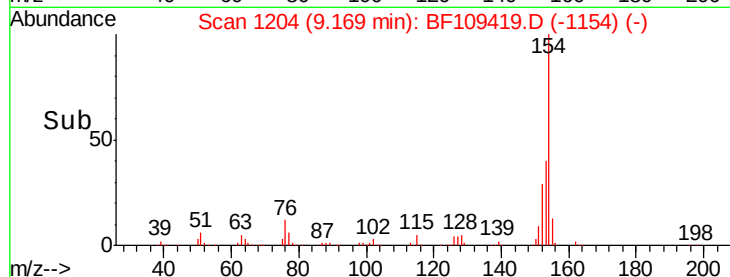
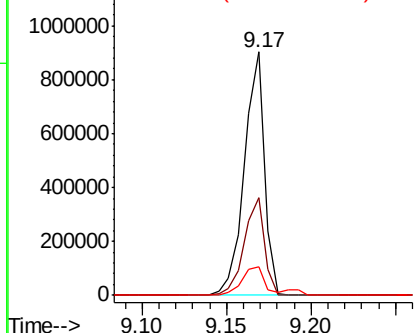


Abundance

Ion 154.00 (153.70 to 154.70): E

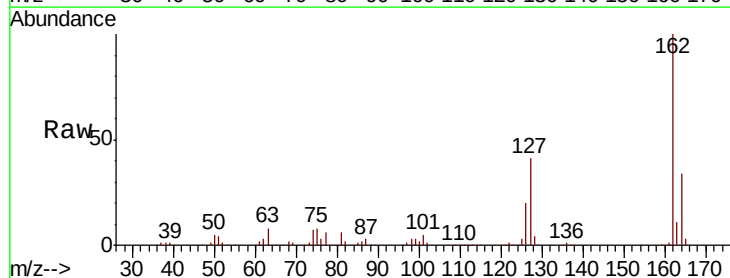
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 46.937 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.6	26.5	39.7

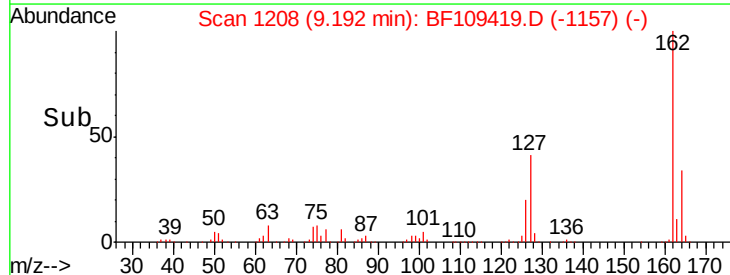
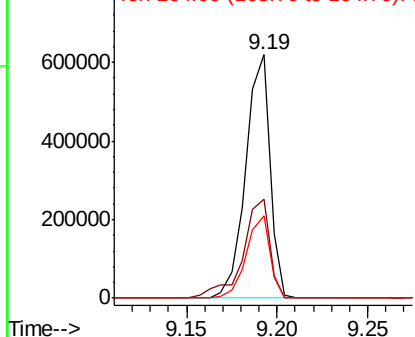


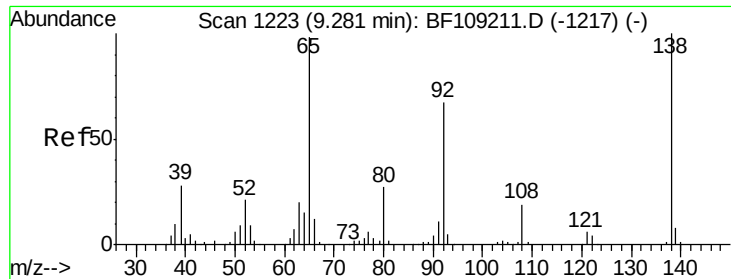
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

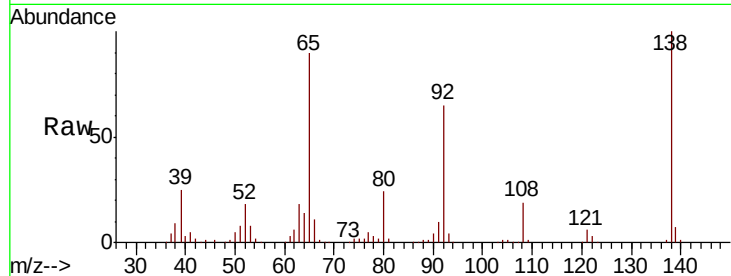




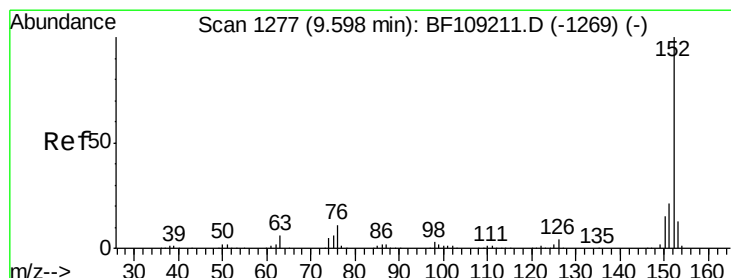
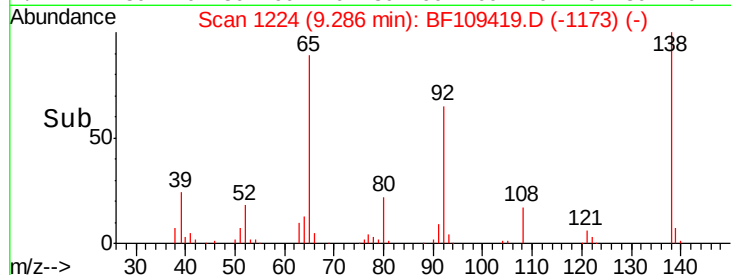
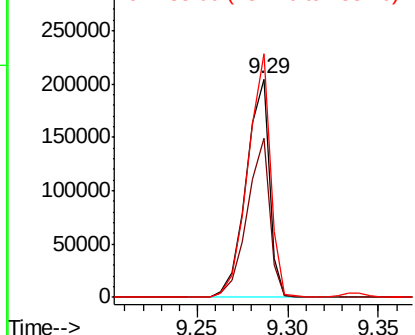
#47
 2-Nitroaniline
 Concen: 52.328 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion: 65 Resp: 181980
 Ion Ratio Lower Upper
 65 100
 92 73.0 55.8 83.6
 138 111.6 91.2 136.8

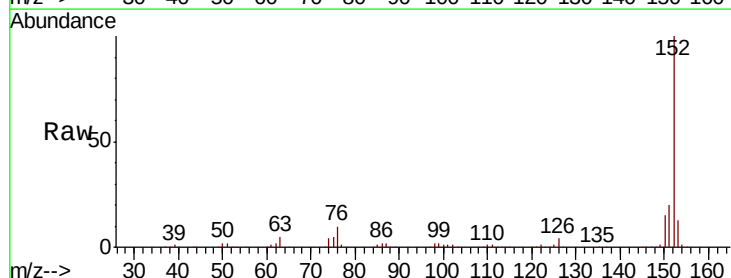


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

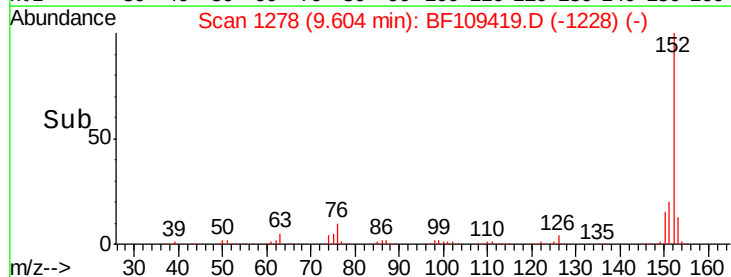
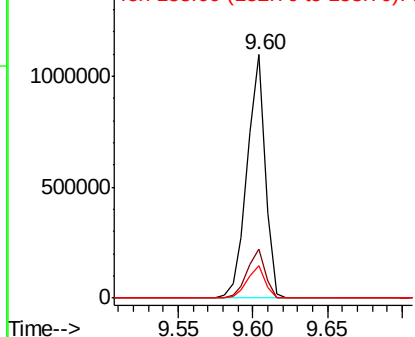


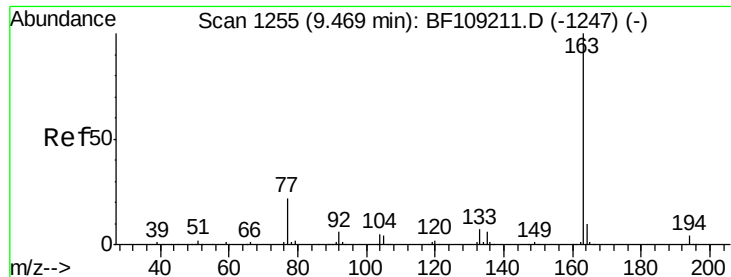
#48
 Acenaphthylene
 Concen: 49.522 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion: 152 Resp: 916374
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.1 10.7 16.1



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

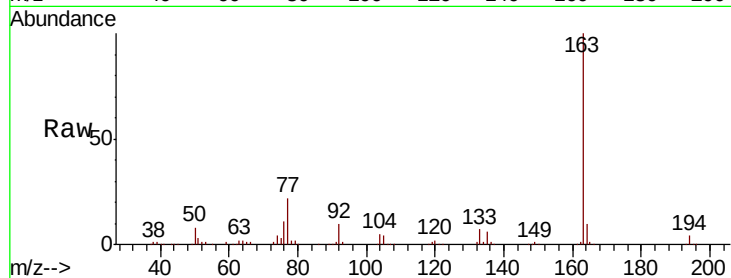




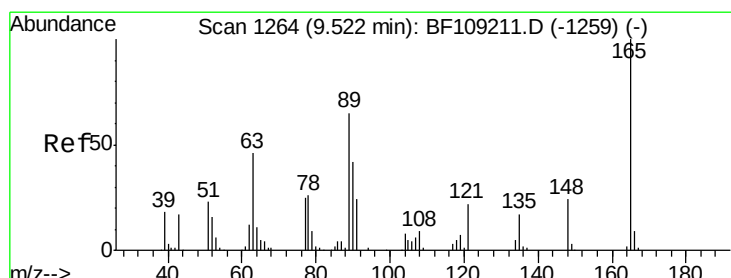
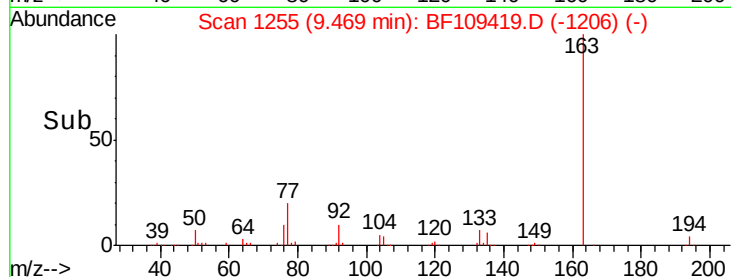
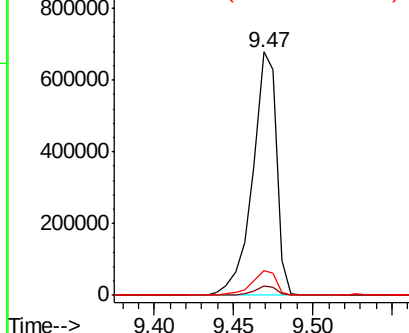
#49
Dimethylphthalate
Concen: 51.852 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tgt Ion:163 Resp: 710714
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

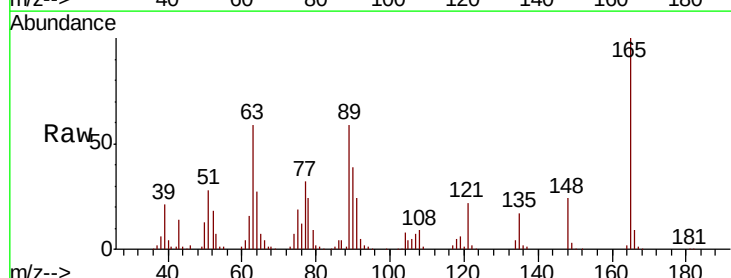


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

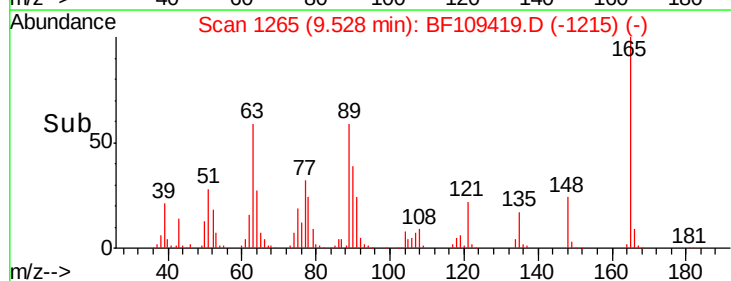
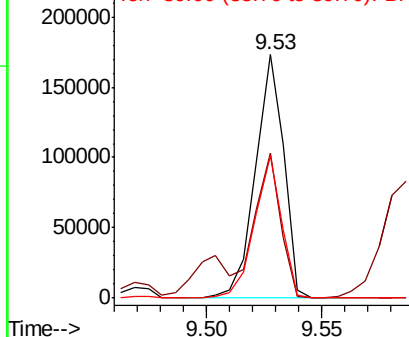


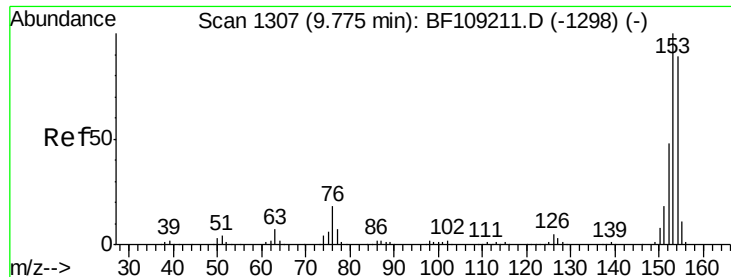
#50
2,6-Dinitrotoluene
Concen: 54.760 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:165 Resp: 148652
Ion Ratio Lower Upper
165 100
63 59.4 44.7 67.1
89 58.7 44.0 66.0



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





#51

Acenaphthene

Concen: 46.572 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

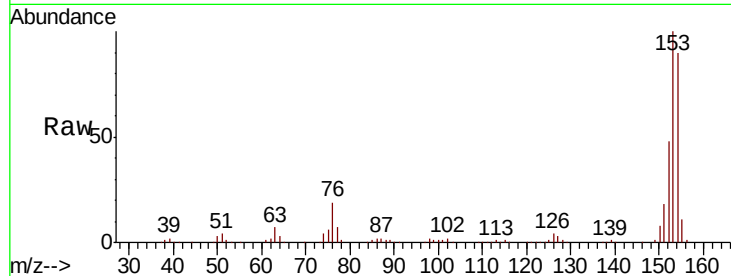
Tgt Ion:154 Resp: 521027

Ion Ratio Lower Upper

154 100

153 111.1 91.2 136.8

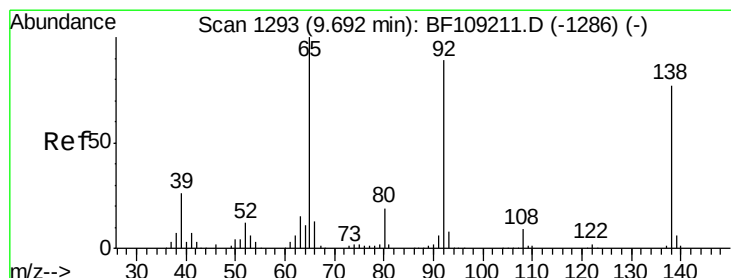
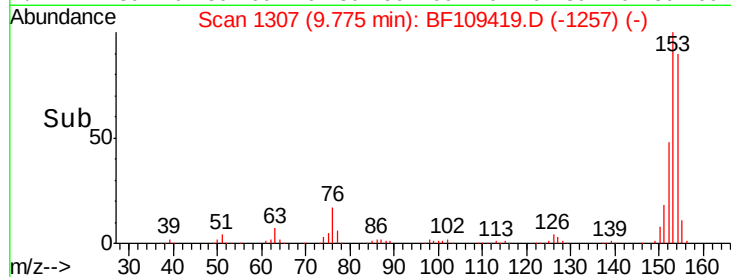
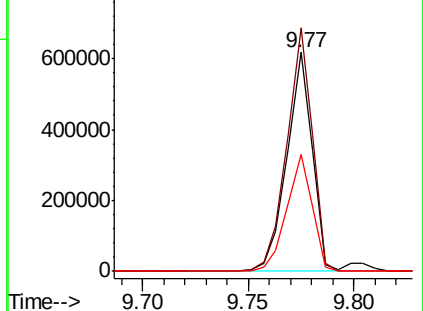
152 53.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.304 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

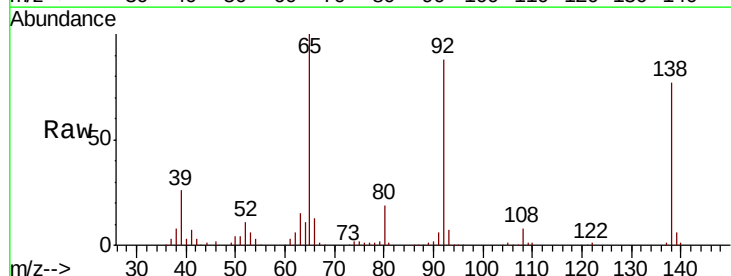
Tgt Ion:138 Resp: 123561

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

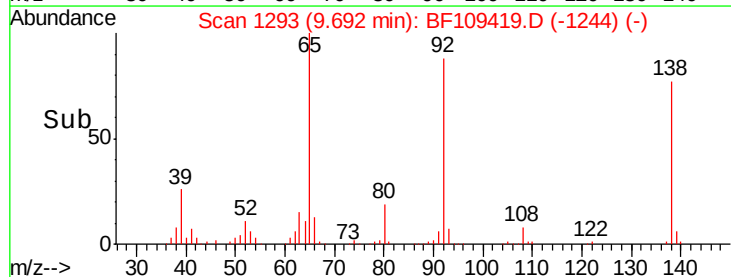
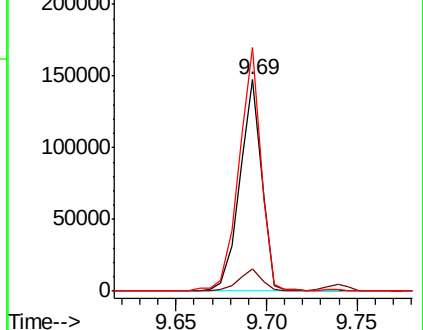
92 115.3 89.4 134.2

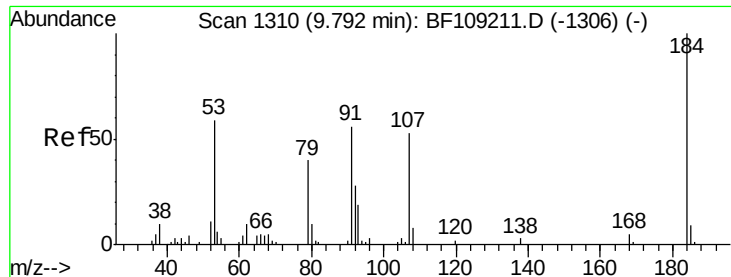


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

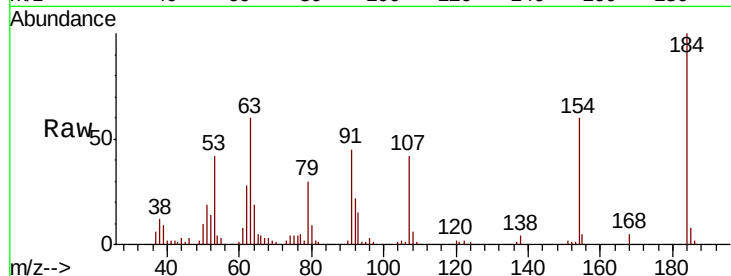




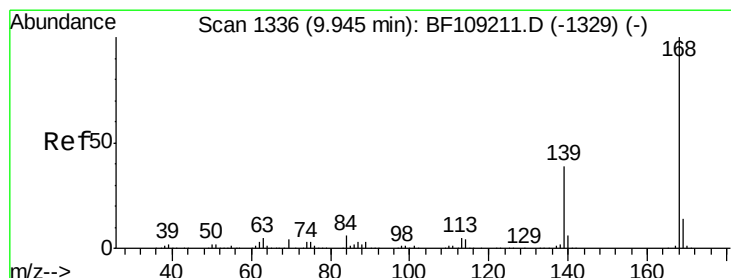
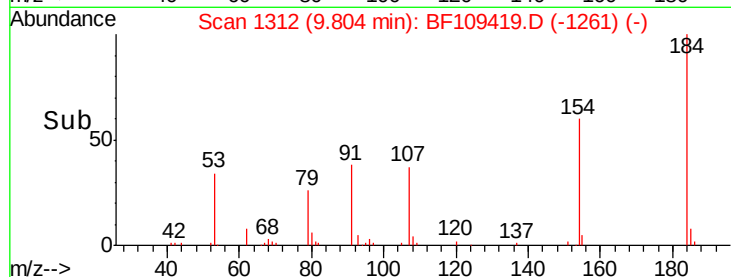
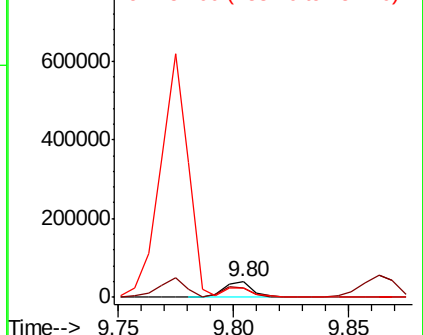
#53
2,4-Dinitrophenol
Concen: 42.348 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tgt Ion:184 Resp: 36455
Ion Ratio Lower Upper
184 100
63 60.1 54.2 81.2
154 59.9 184.0 276.0#

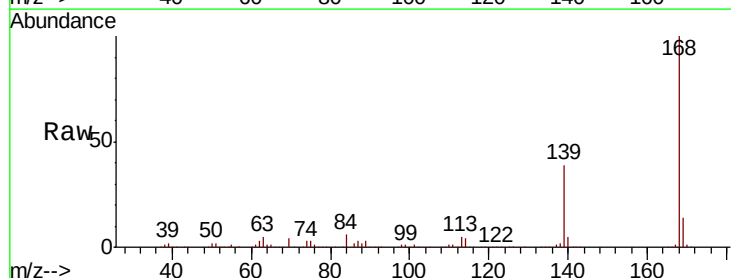


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

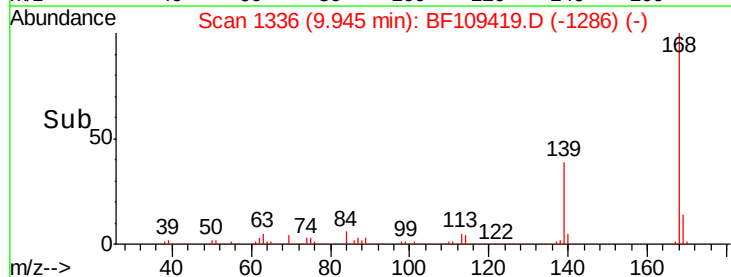
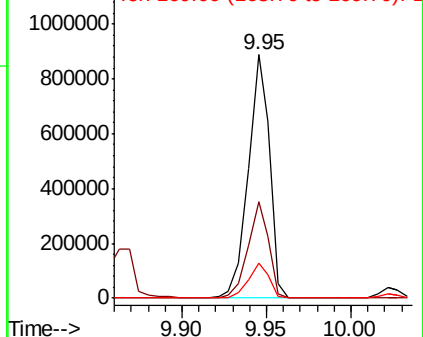


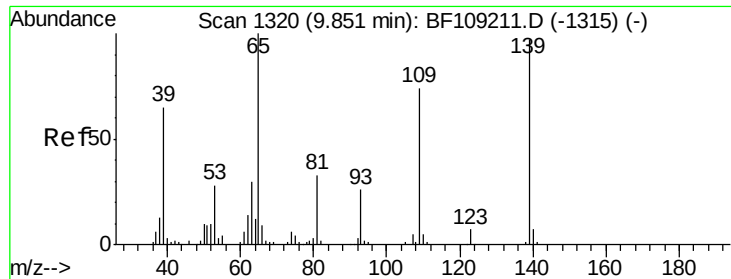
#54
Dibenzofuran
Concen: 47.079 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:168 Resp: 783311
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.4 10.9 16.3



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

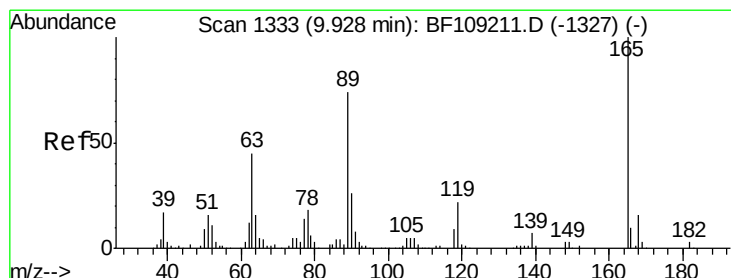
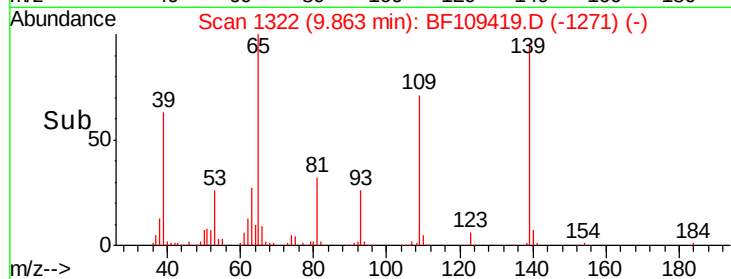
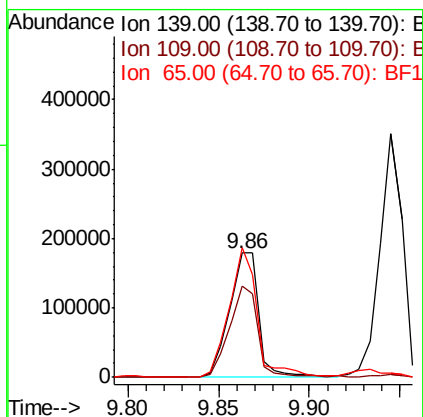
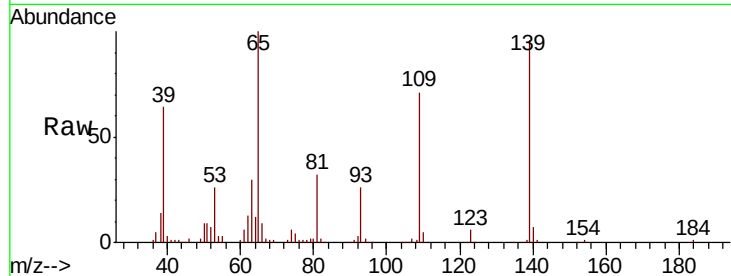




#55
4-Nitrophenol
Concen: 85.665 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

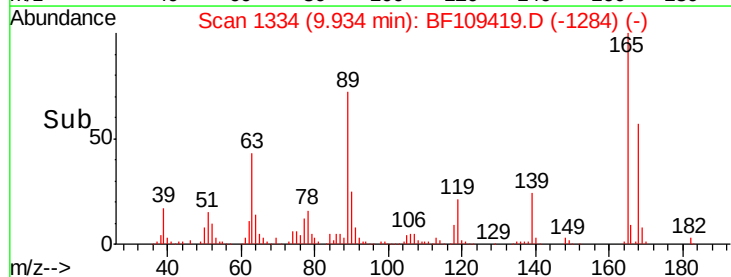
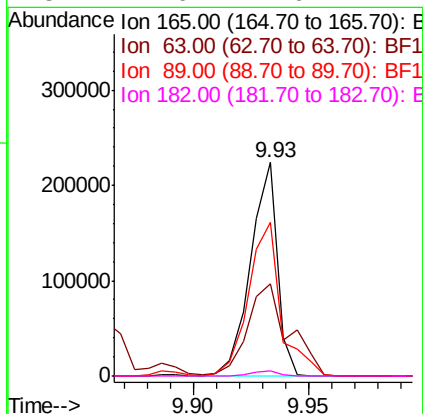
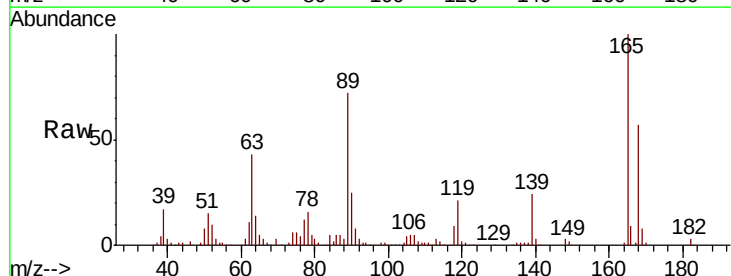
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

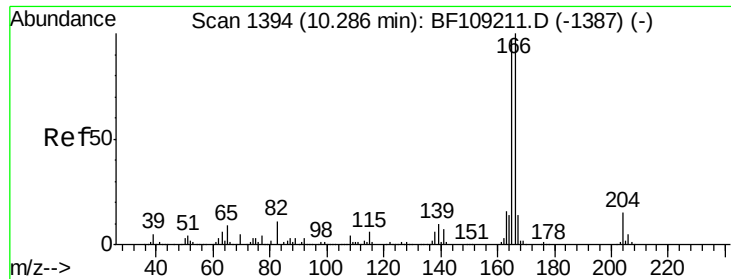
Tgt Ion:139 Resp: 202874
Ion Ratio Lower Upper
139 100
109 73.7 48.4 88.4
65 104.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 53.254 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:165 Resp: 182914
Ion Ratio Lower Upper
165 100
63 43.3 36.4 54.6
89 71.7 57.8 86.6
182 2.6 1.6 2.4#

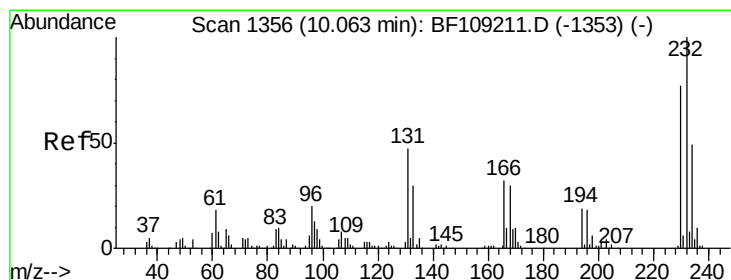
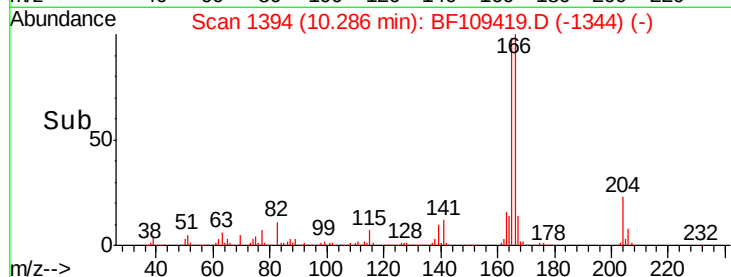
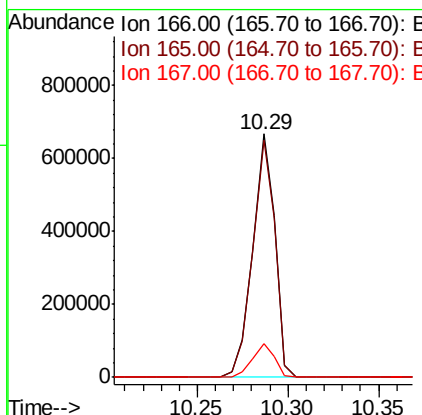
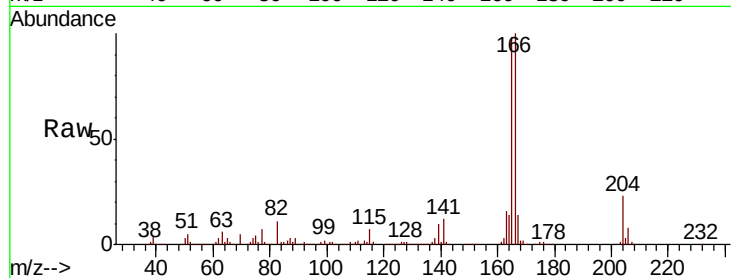




#57
 Fluorene
 Concen: 47.893 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

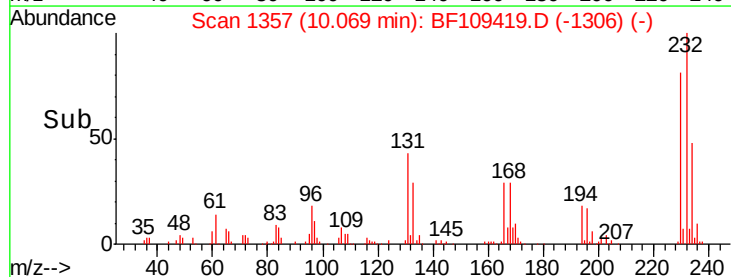
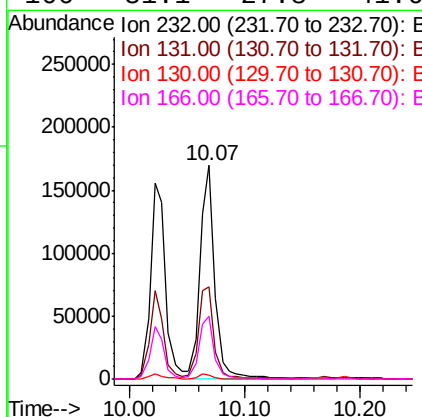
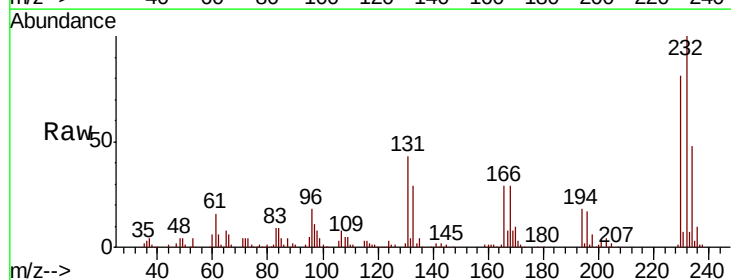
Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

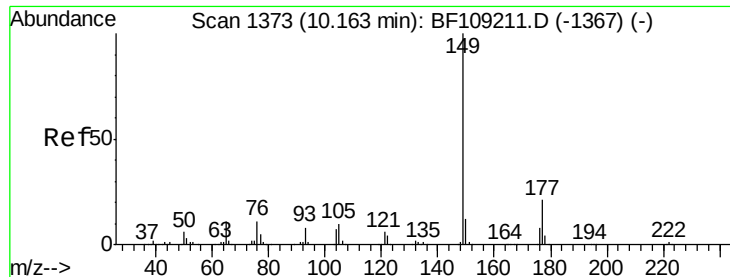
Tgt Ion:166 Resp: 568556
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.372 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:232 Resp: 152482
 Ion Ratio Lower Upper
 232 100
 131 46.8 43.8 65.8
 130 2.3 2.1 3.1
 166 31.1 27.8 41.6

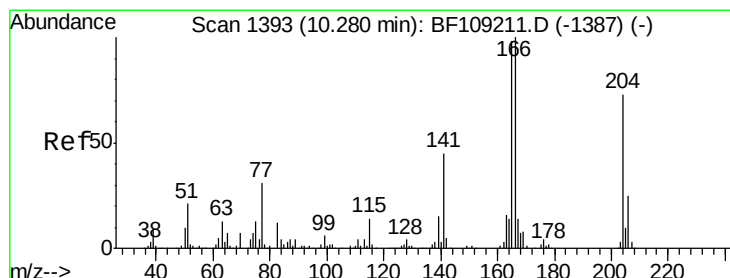
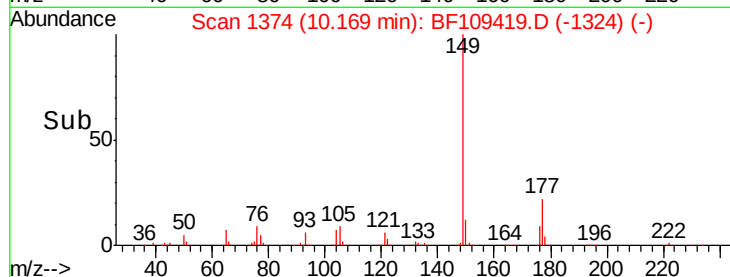
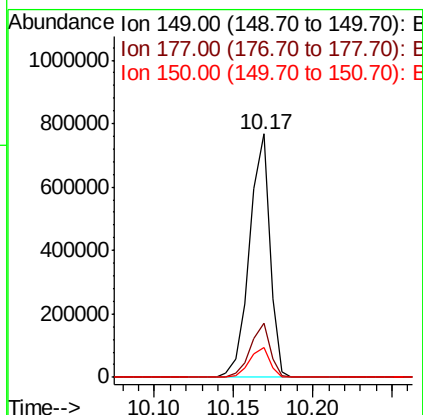
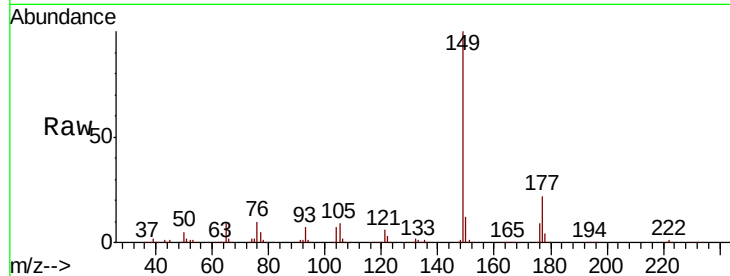




#59
Diethylphthalate
Concen: 49.271 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

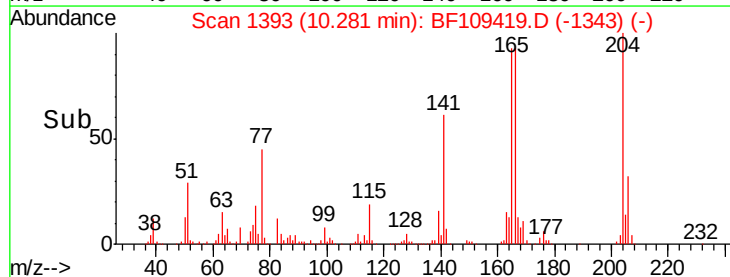
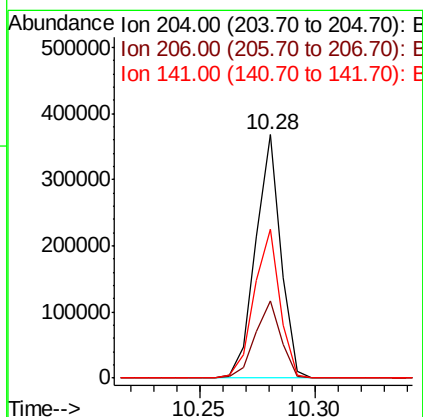
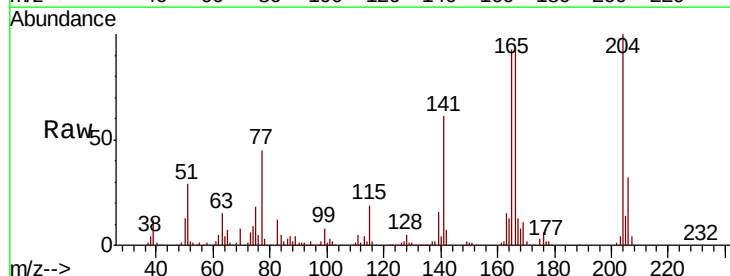
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

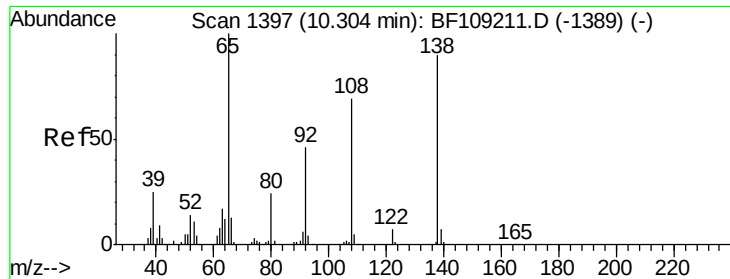
Tgt Ion:149 Resp: 683877
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.333 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:204 Resp: 281086
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 61.1 54.6 81.8

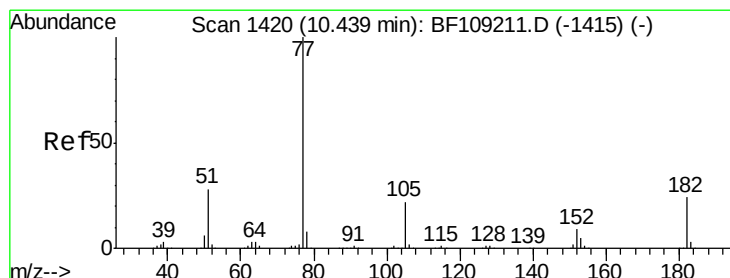
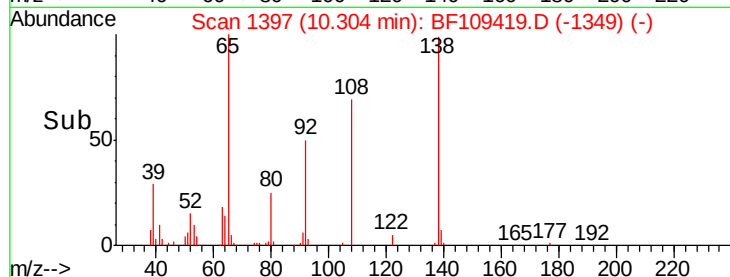
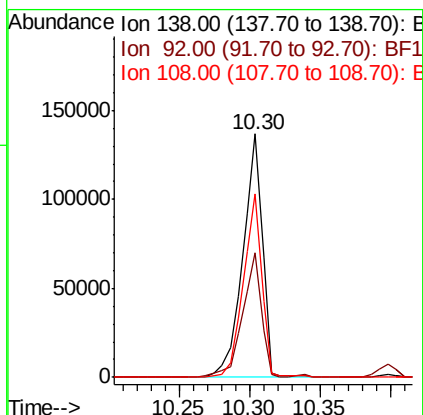
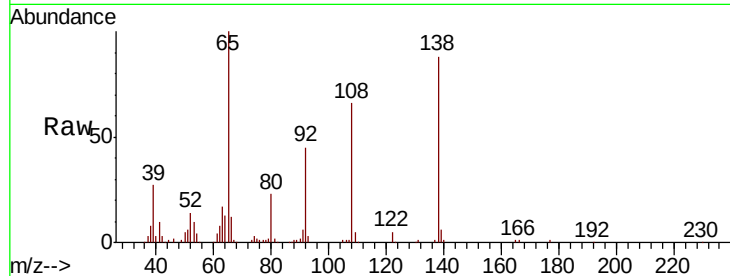




#61
4-Nitroaniline
Concen: 43.196 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

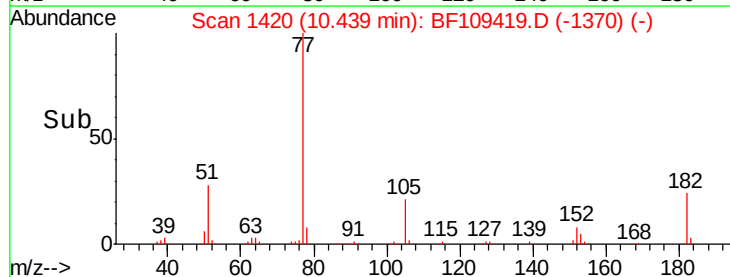
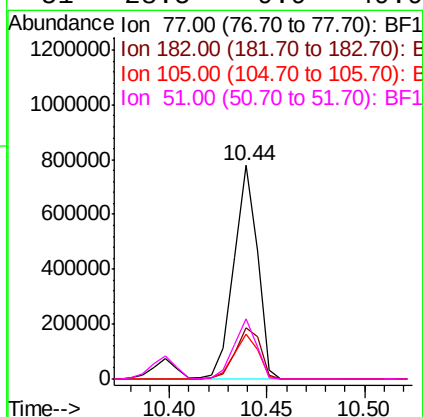
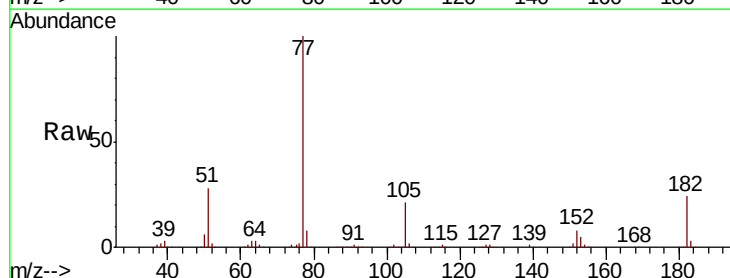
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

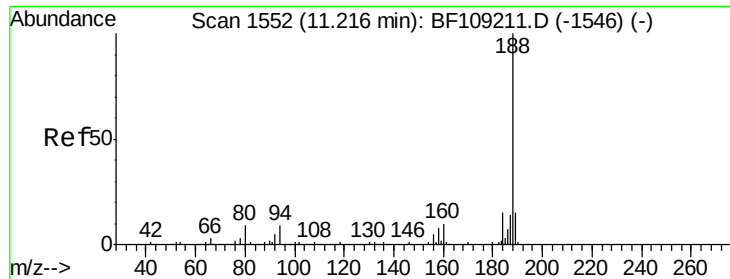
Tgt Ion: 138 Resp: 132433
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 75.3 52.5 92.5



#62
Azobenzene
Concen: 45.377 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion: 77 Resp: 654371
Ion Ratio Lower Upper
77 100
182 24.0 1.7 41.7
105 21.3 3.0 43.0
51 28.5 9.9 49.9

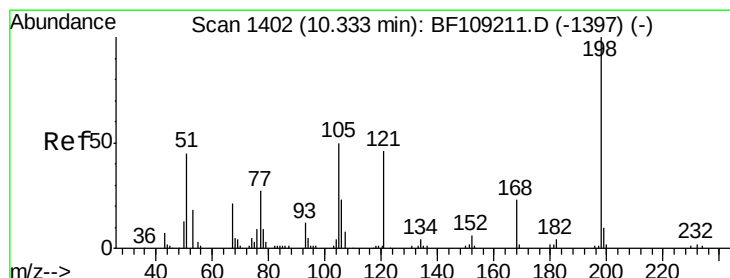
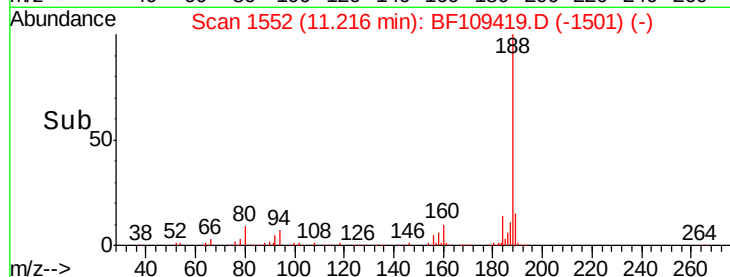
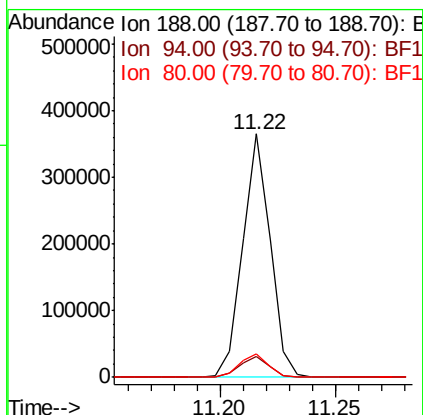
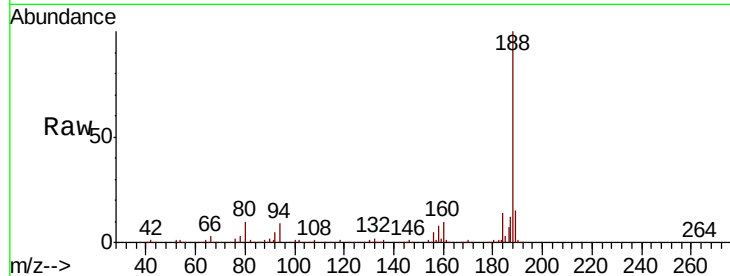




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

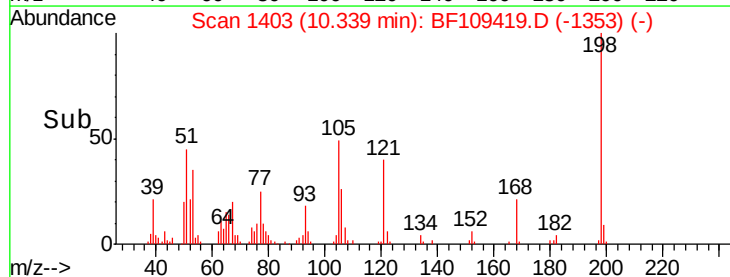
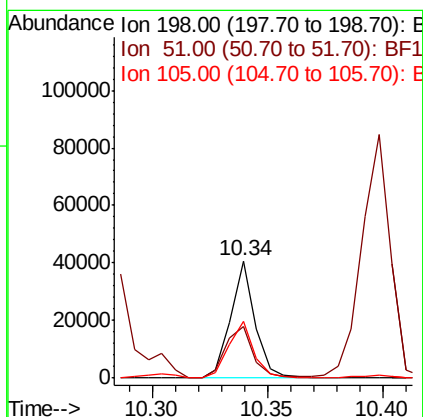
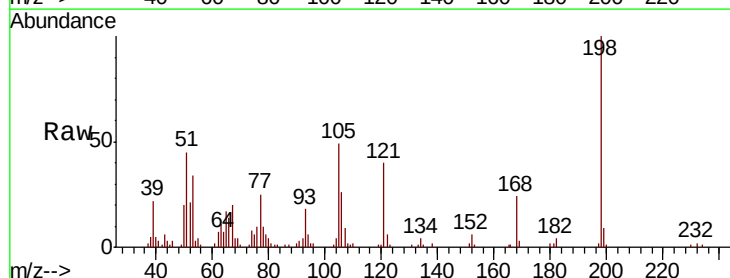
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

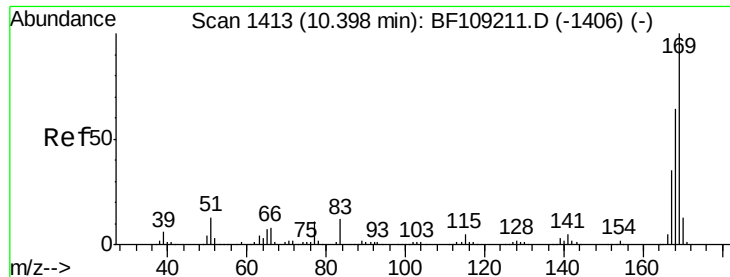
Tgt Ion:188 Resp: 304979
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 27.879 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:198 Resp: 30170
Ion Ratio Lower Upper
198 100
51 44.6 37.7 77.7
105 48.5 36.3 76.3

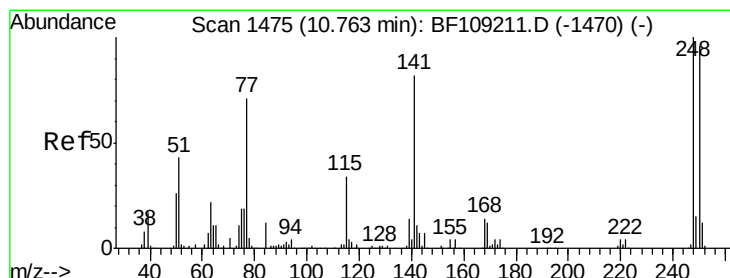
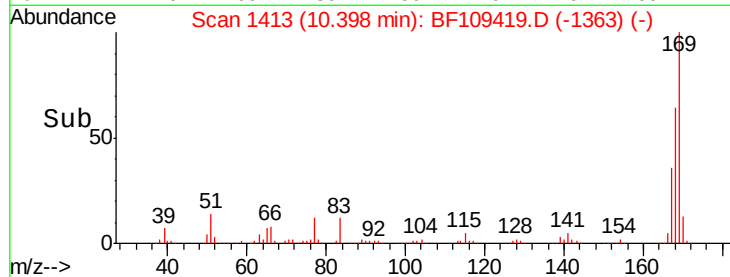
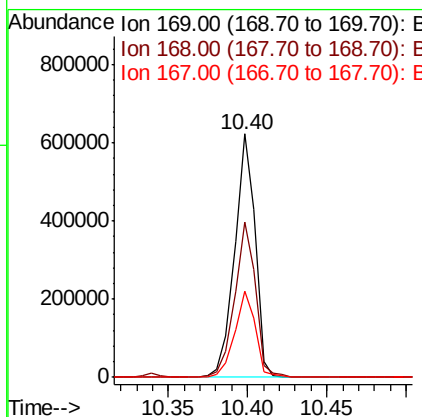
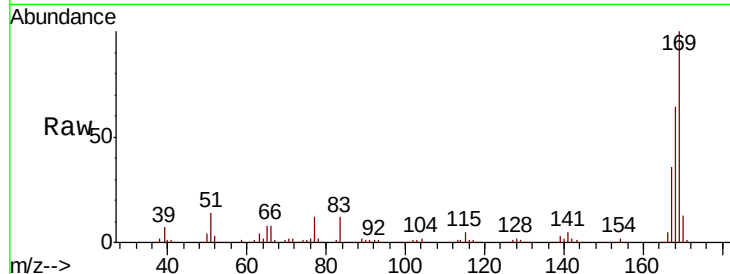




#65
 n-Nitrosodiphenylamine
 Concen: 55.347 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

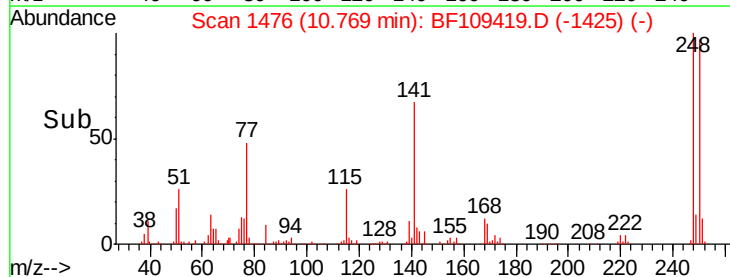
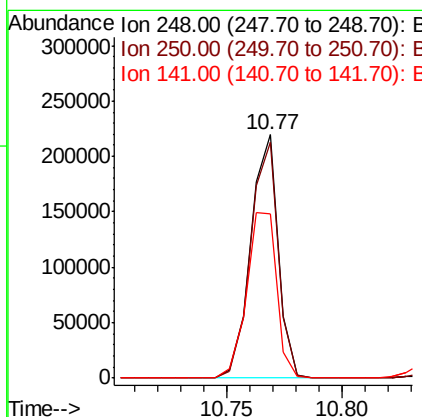
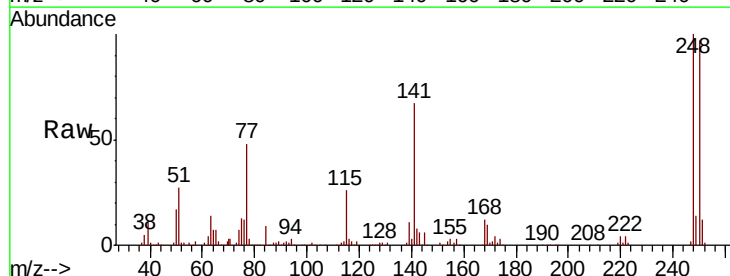
Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

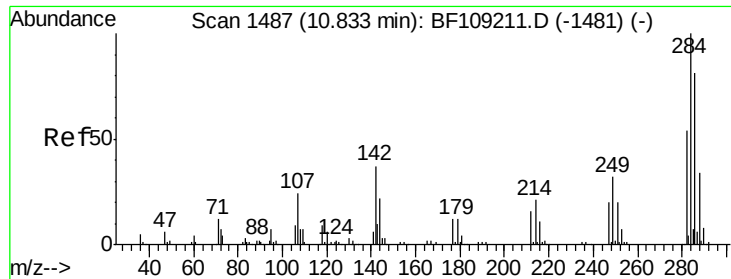
Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	54.4	81.6
167	35.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 54.216 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	67.3	74.4	111.6#

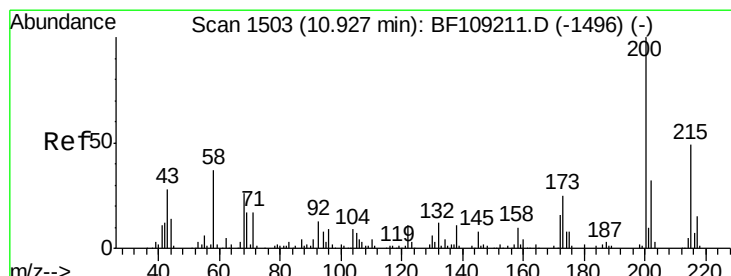
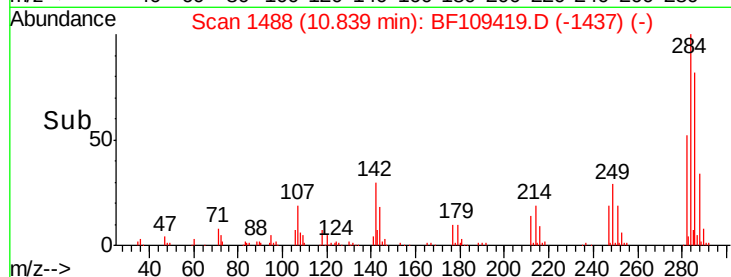
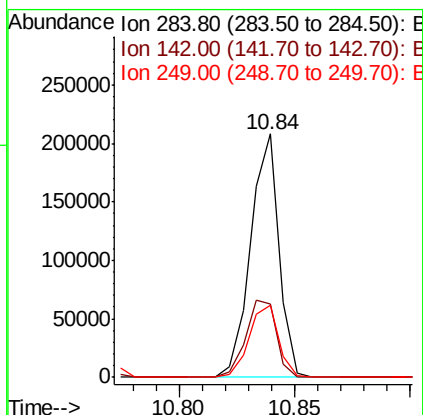
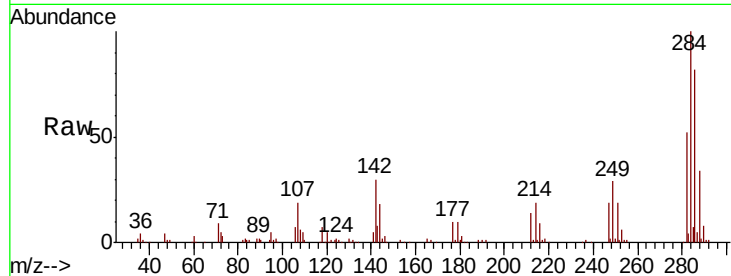




#67
Hexachlorobenzene
Concen: 49.674 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

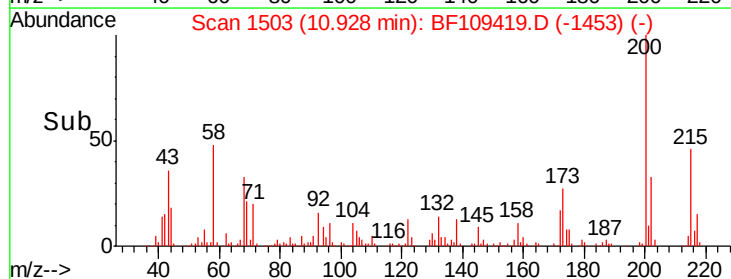
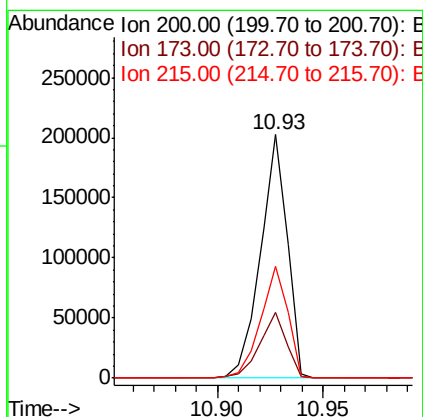
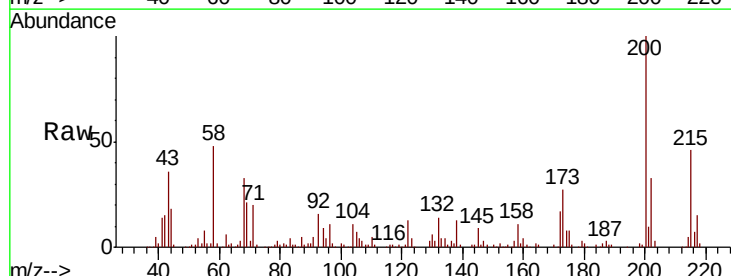
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

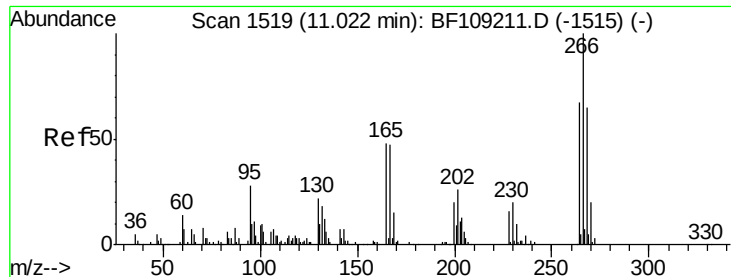
Tgt Ion: 284 Resp: 178671
Ion Ratio Lower Upper
284 100
142 30.1 34.6 52.0#
249 29.4 24.8 37.2



#68
Atrazine
Concen: 57.673 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion: 200 Resp: 178728
Ion Ratio Lower Upper
200 100
173 26.7 8.6 48.6
215 45.8 25.1 65.1

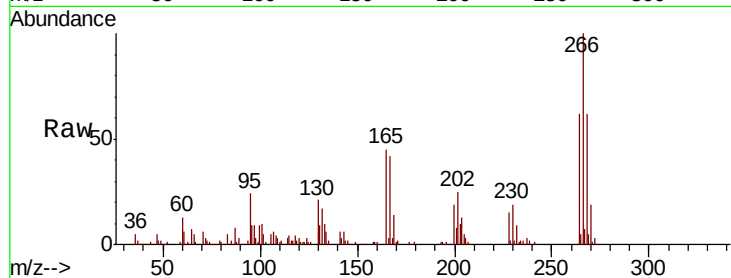




#69
 Pentachlorophenol
 Concen: 76.193 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	61.6	49.5	74.3

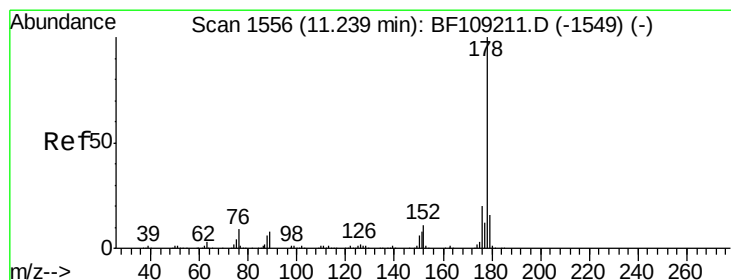
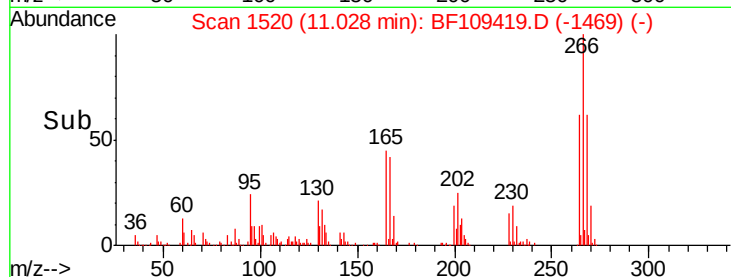
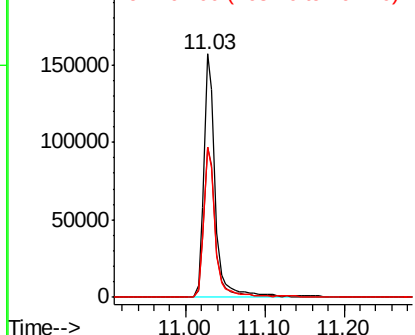


Abundance

Ion 265.70 (265.40 to 266.40): E

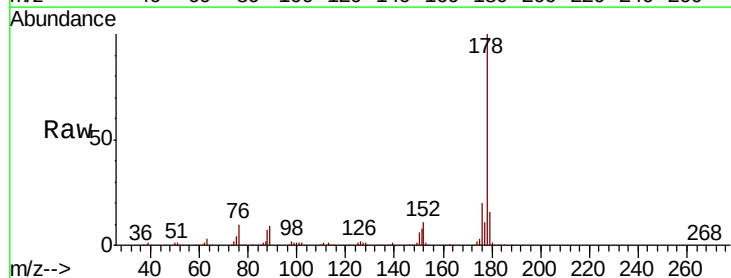
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 50.713 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	13.0	19.6

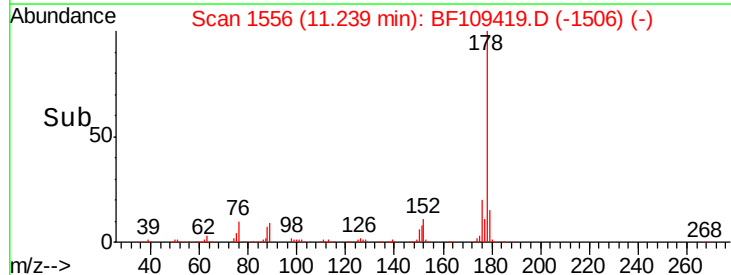
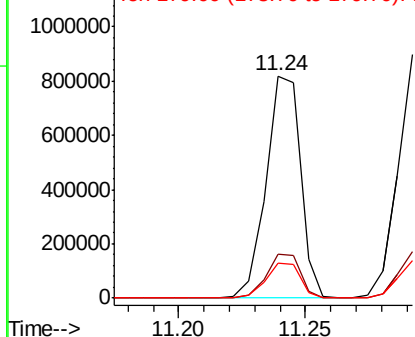


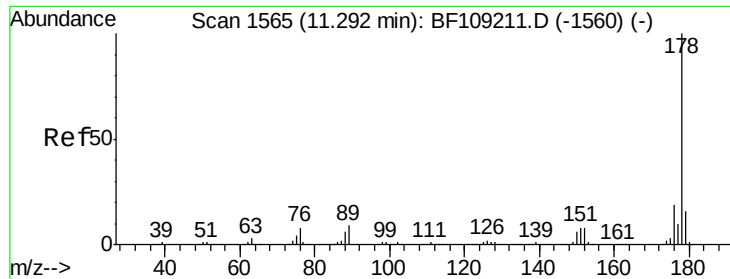
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

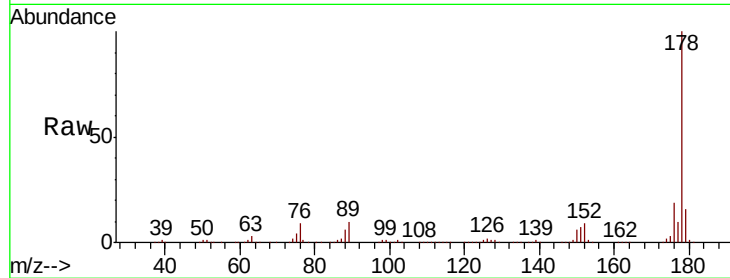




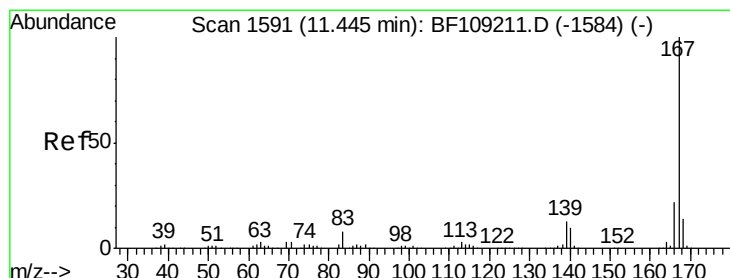
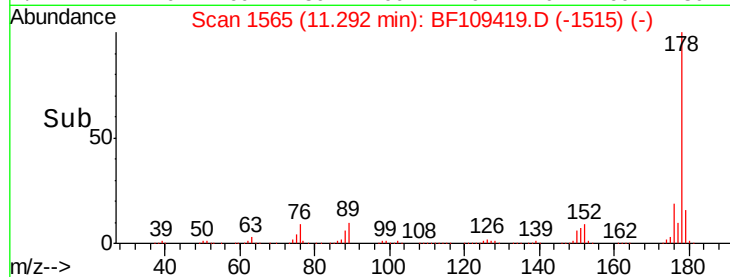
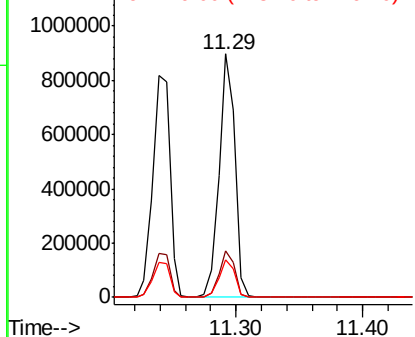
#71
 Anthracene
 Concen: 51.139 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	19.0

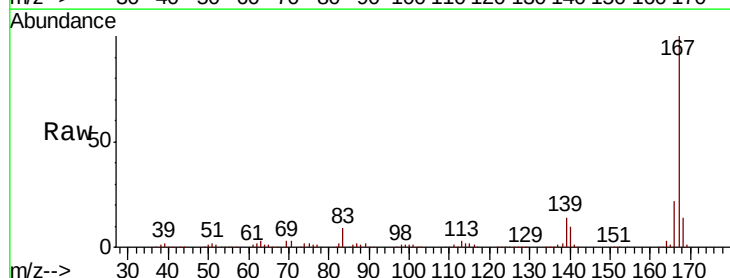


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

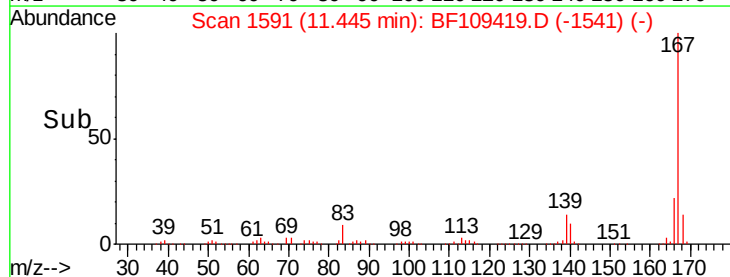
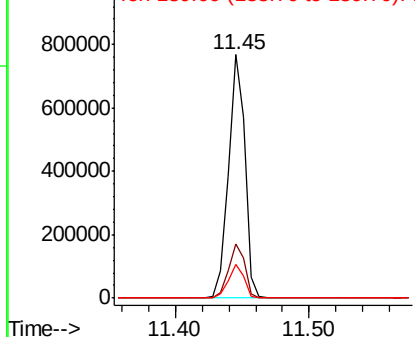


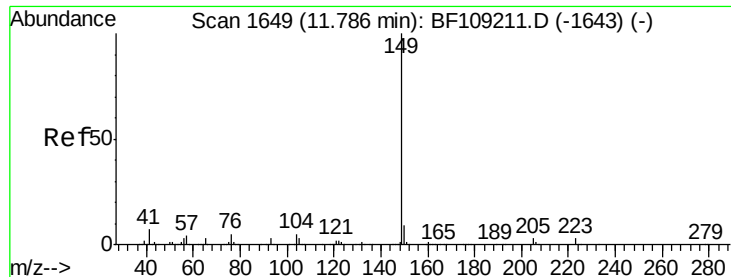
#72
 Carbazole
 Concen: 43.580 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.7	10.9	16.3



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





#73

Di-n-butylphthalate

Concen: 53.601 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

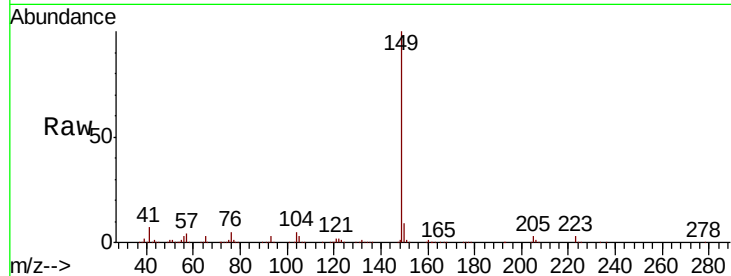
Tgt Ion:149 Resp: 948220

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

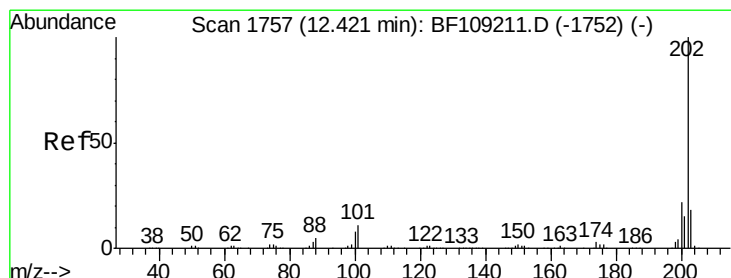
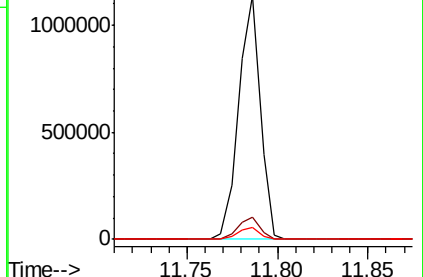
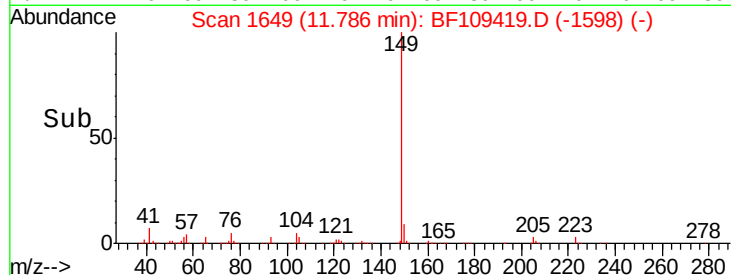
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.040 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

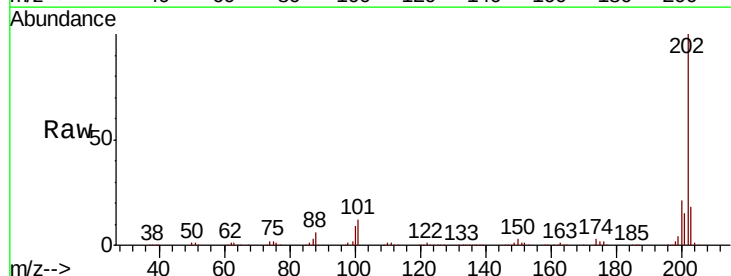
Tgt Ion:202 Resp: 716669

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

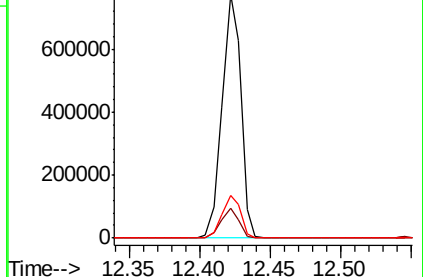
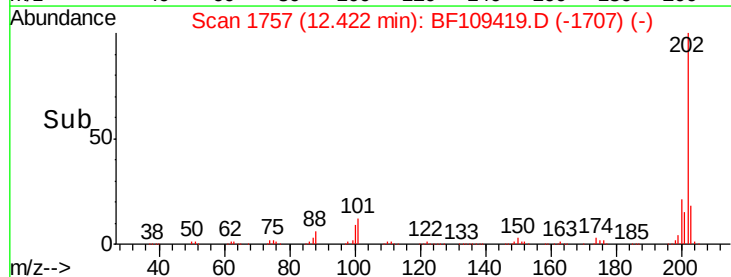
203 17.7 0.0 38.1

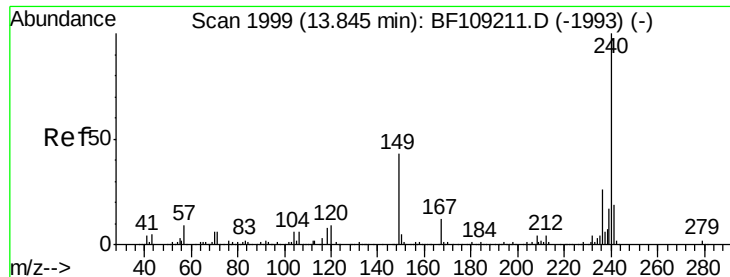


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

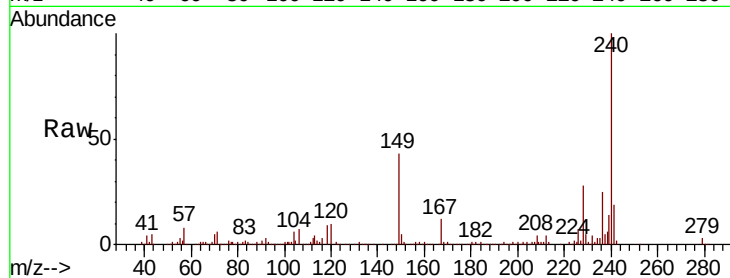
Tgt Ion:240 Resp: 212626

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

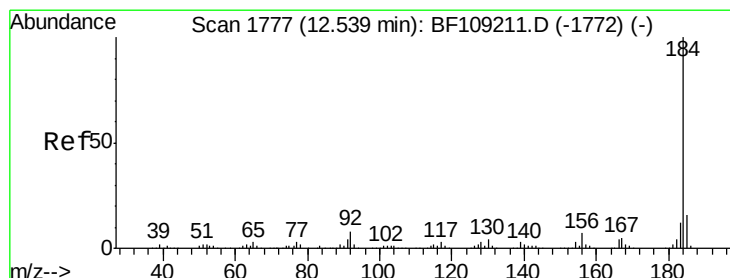
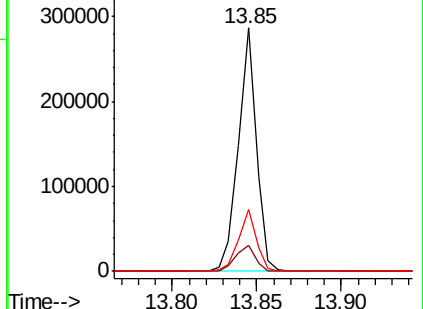
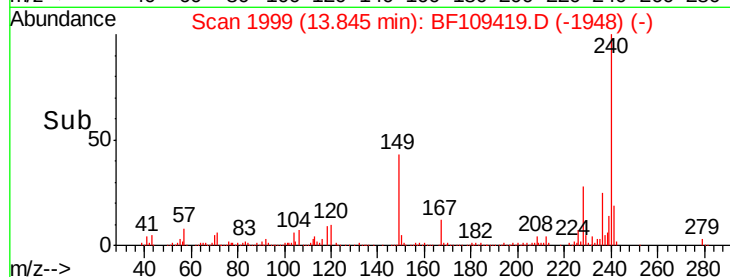
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.219 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

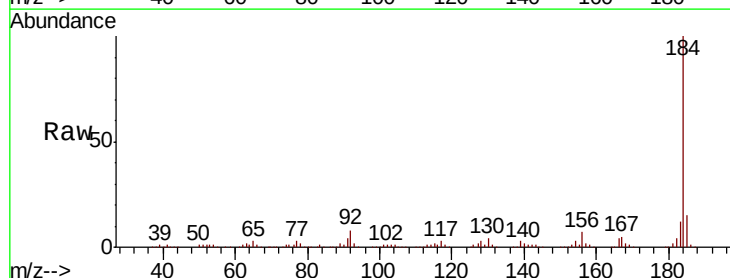
Tgt Ion:184 Resp: 530646

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

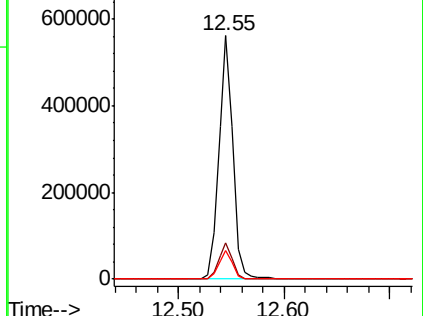
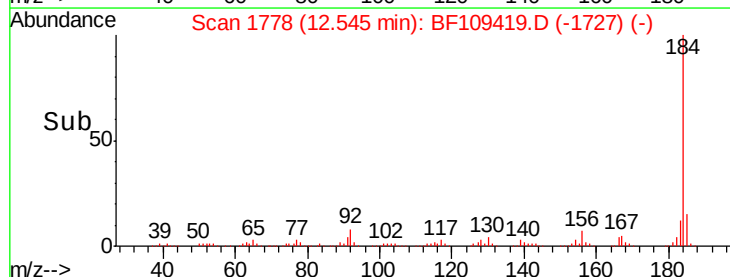
183 11.6 9.3 13.9

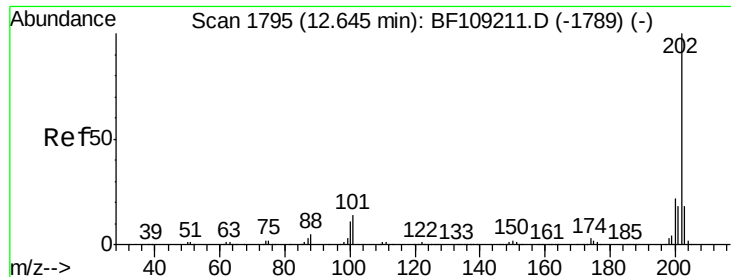


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

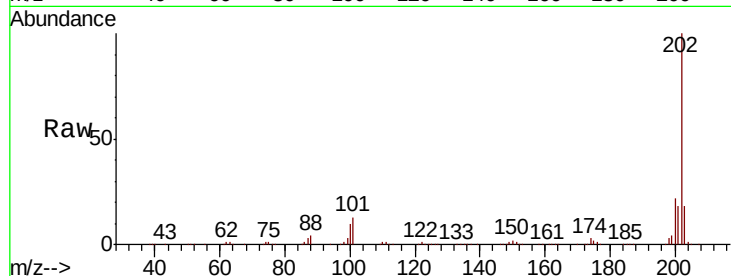




#77
 Pyrene
 Concen: 46.557 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.3	21.5

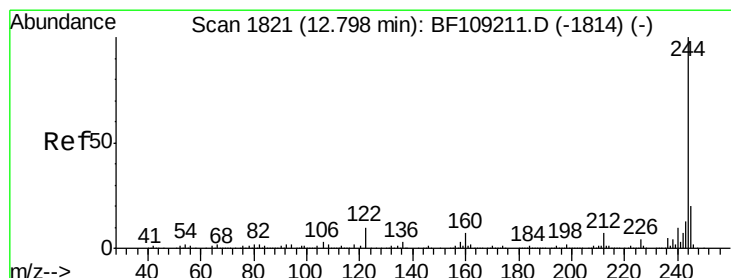
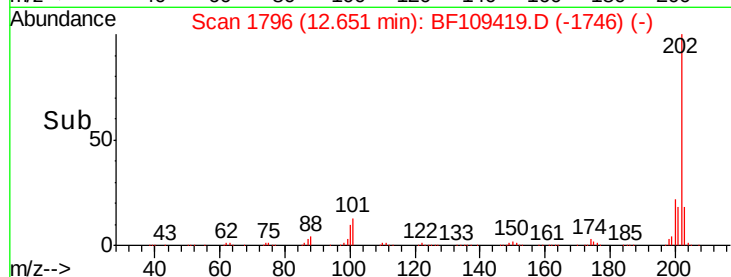
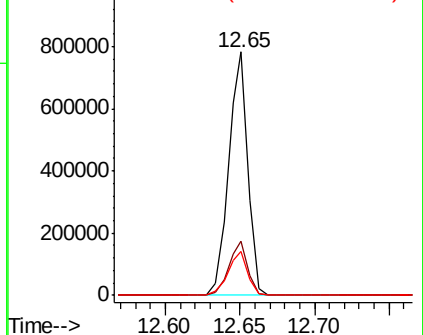


Abundance

Ion 202.00 (201.70 to 202.70): E

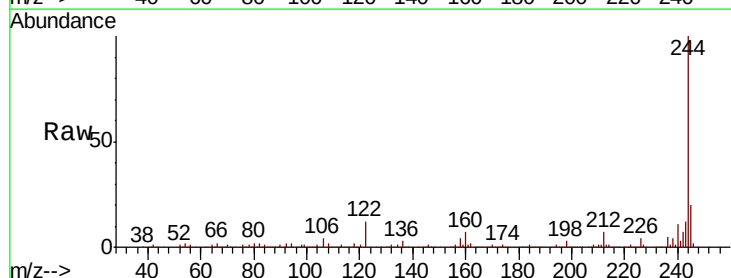
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 114.651 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.0	11.0	16.4

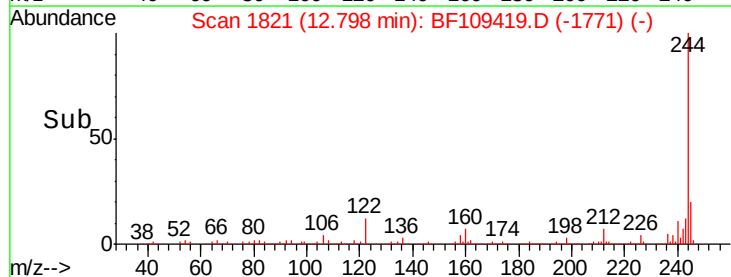
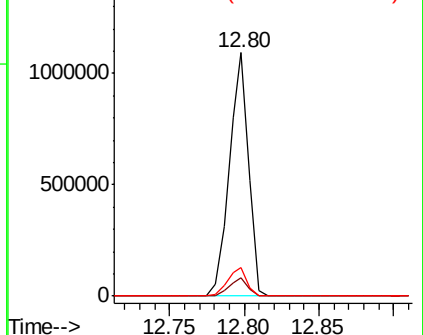


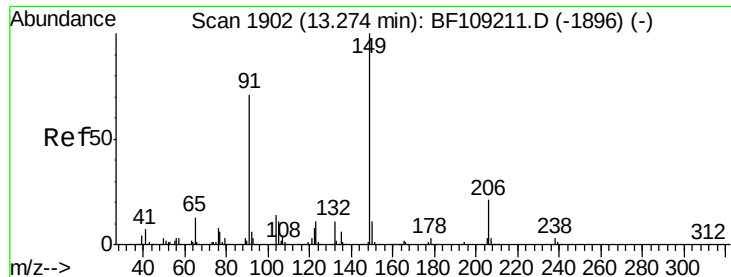
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

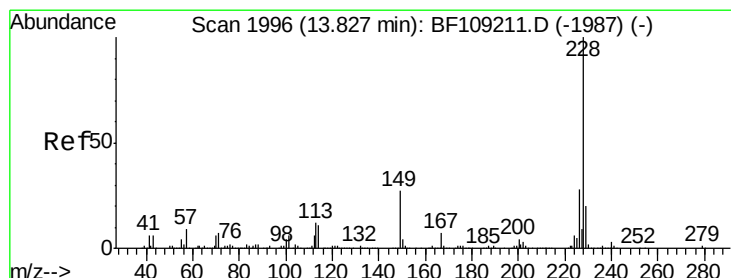
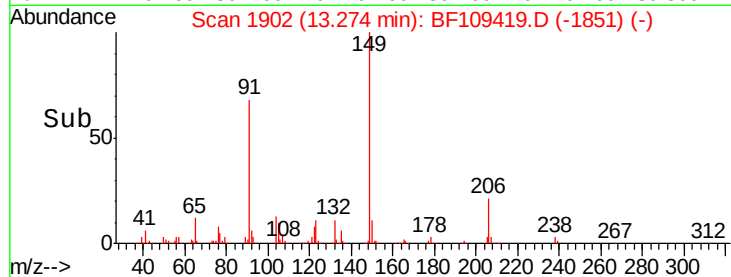
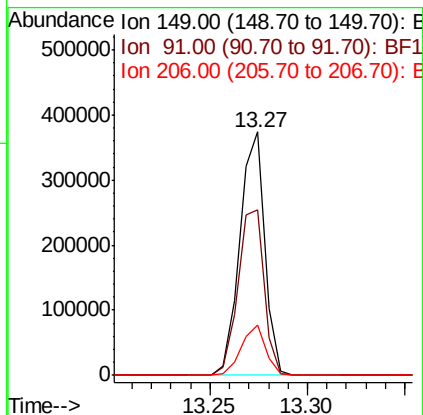
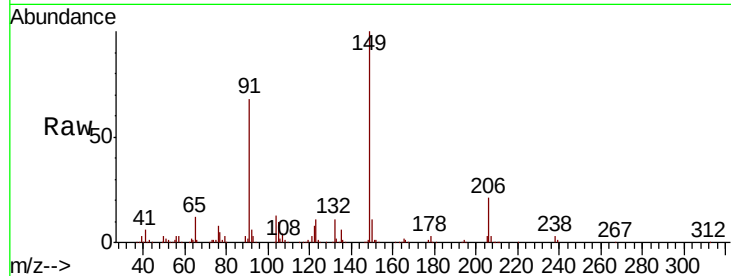




#79
Butylbenzylphthalate
Concen: 50.866 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

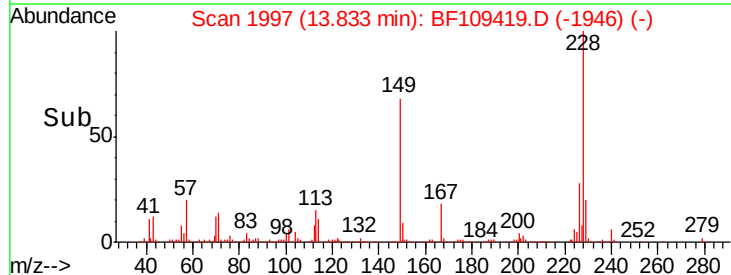
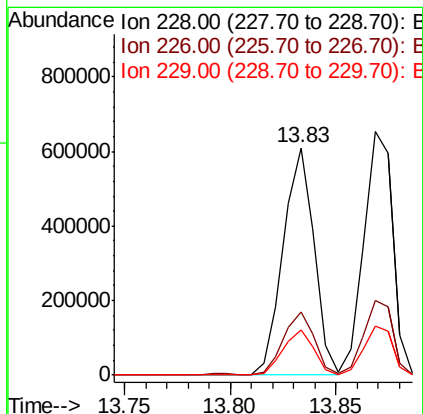
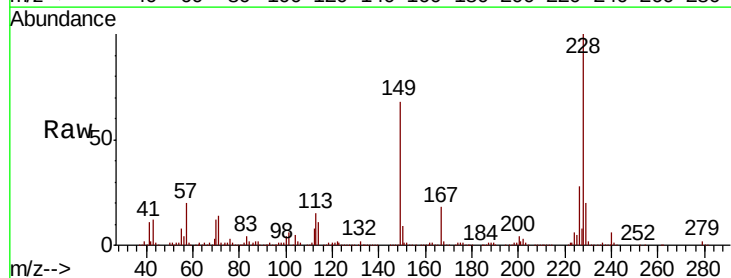
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

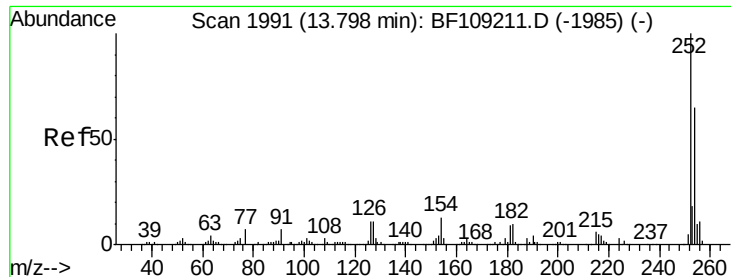
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	56.8	85.2
206	20.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 48.838 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	15.8	23.6

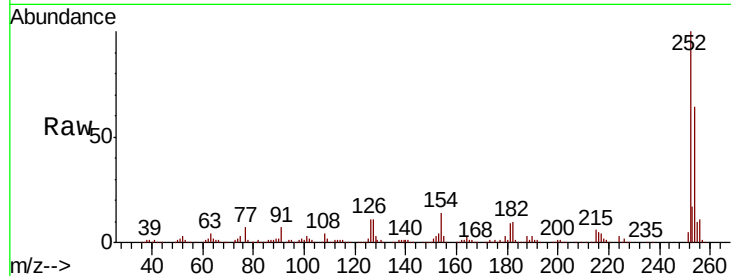




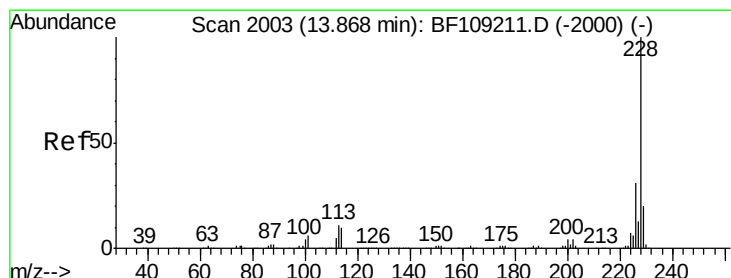
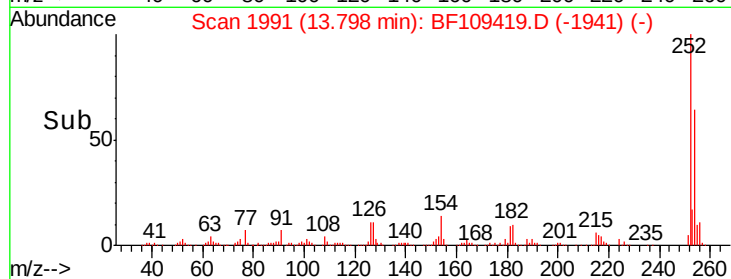
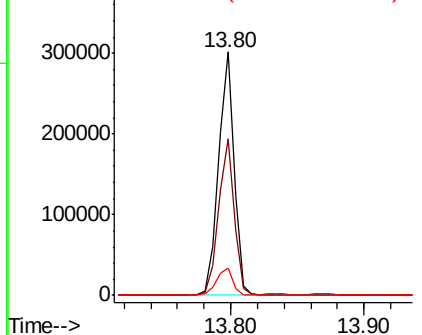
#81
 3,3'-Dichlorobenzidine
 Concen: 51.646 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.1	11.3	16.9#

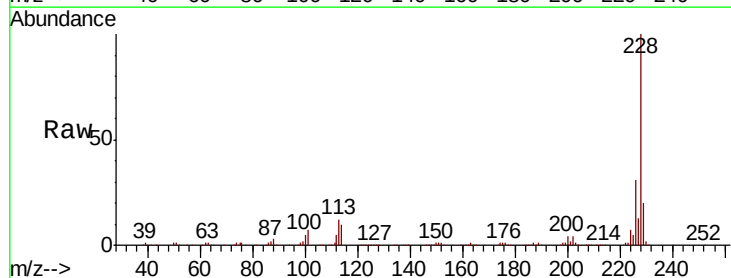


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

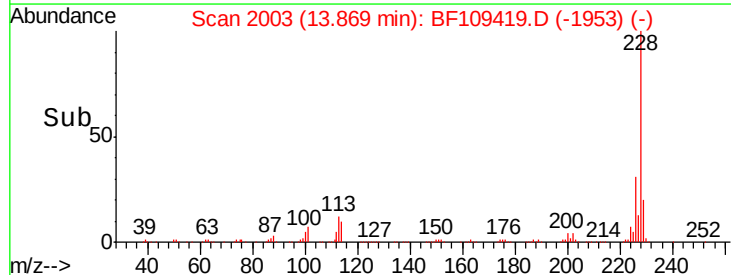
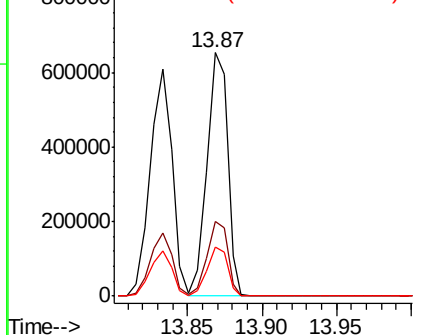


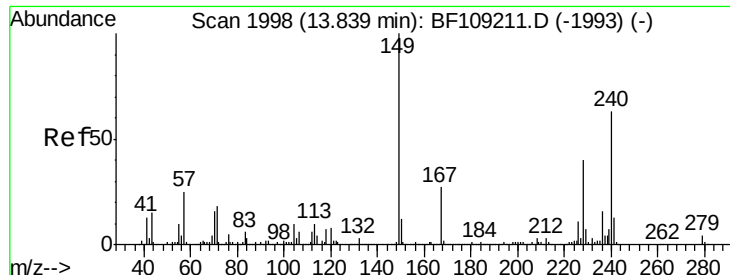
#82
 Chrysene
 Concen: 49.303 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.737 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

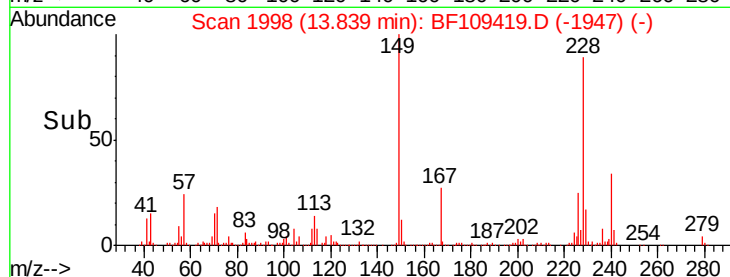
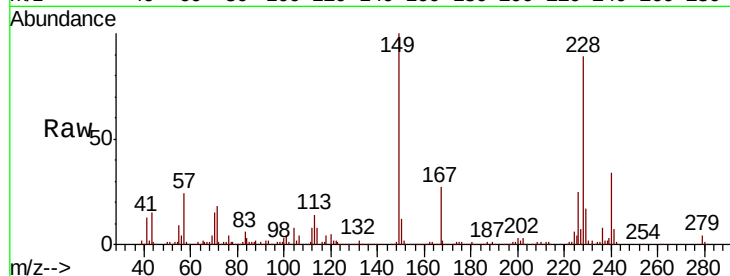
Tgt Ion:149 Resp: 414840

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

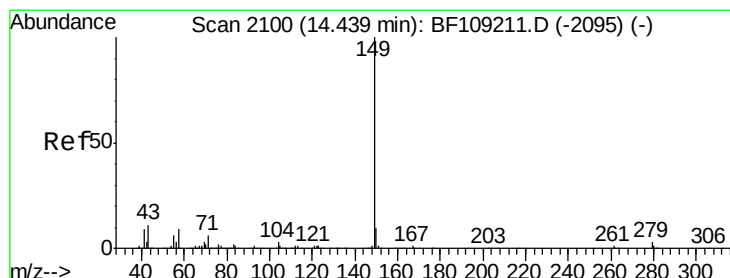
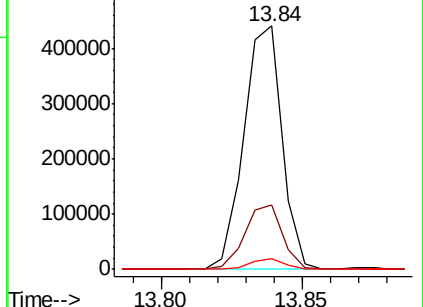
279 4.2 3.0 4.4



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: 56.705 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

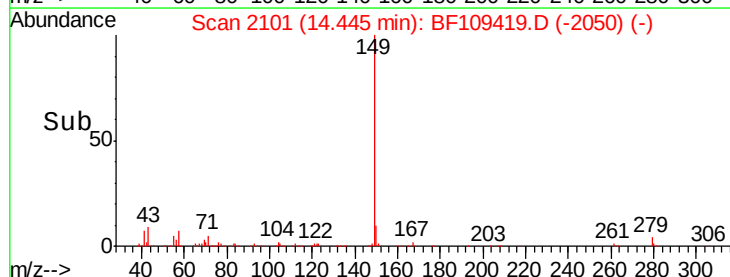
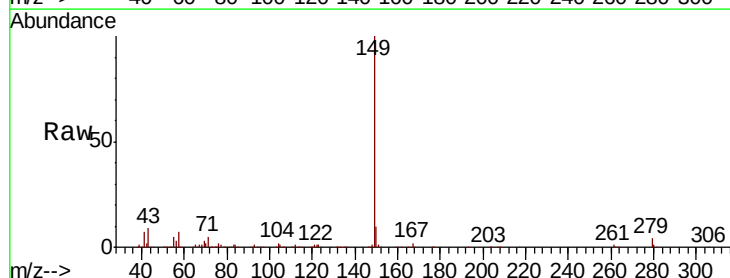
Tgt Ion:149 Resp: 792731

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

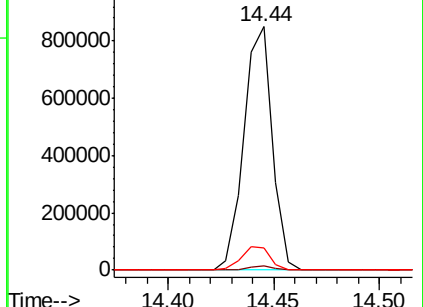
43 9.6 8.4 12.6

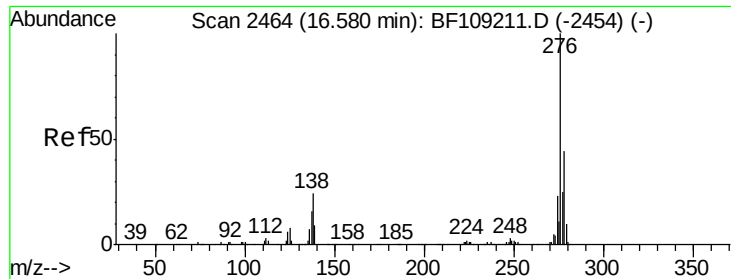


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

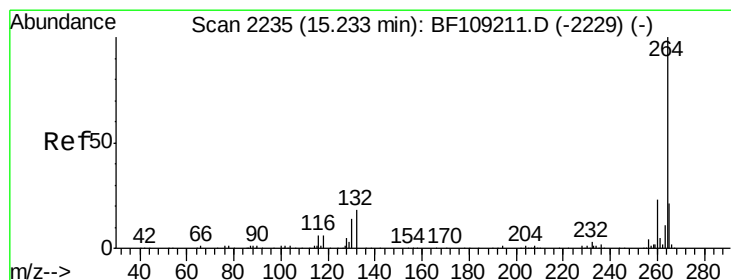
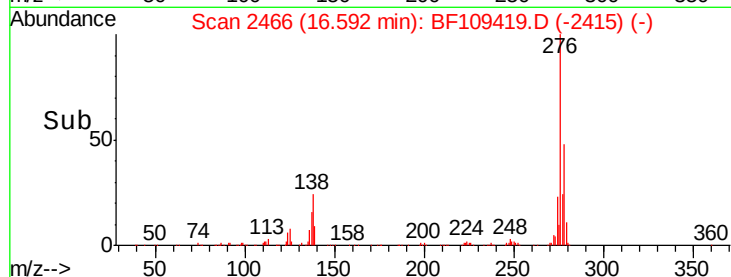
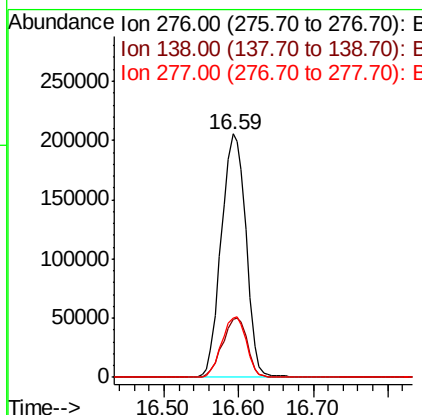
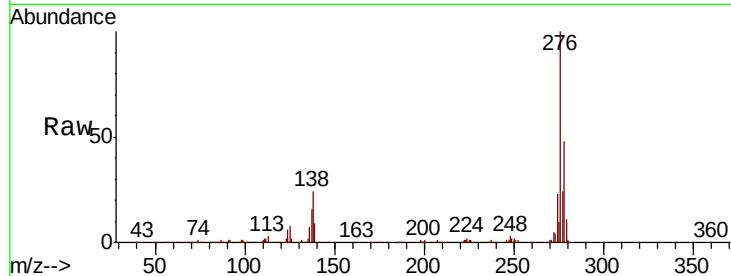




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.951 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

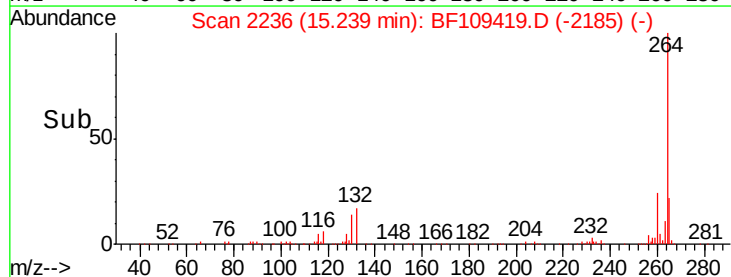
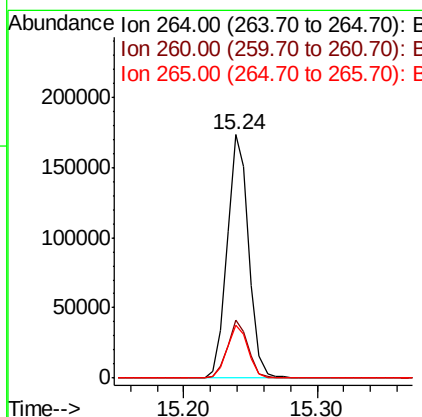
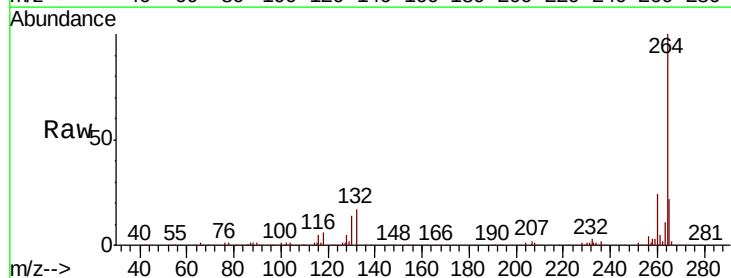
Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

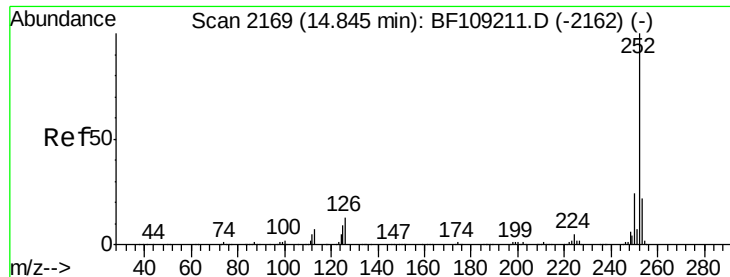
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

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

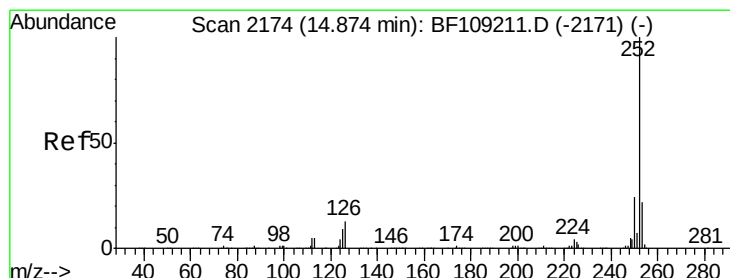
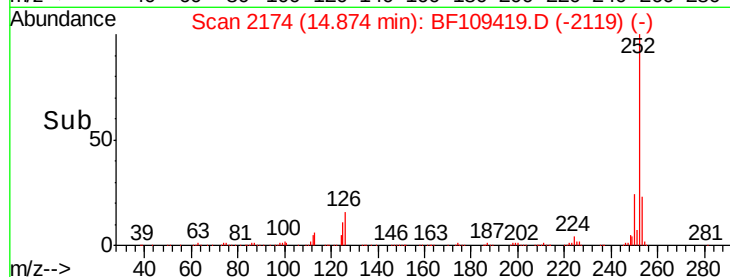
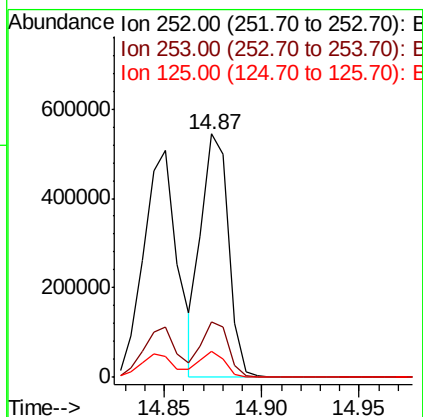
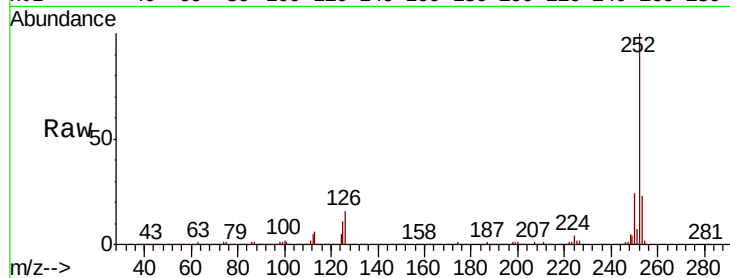




#87
Benzo(b)fluoranthene
Concen: 49.163 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

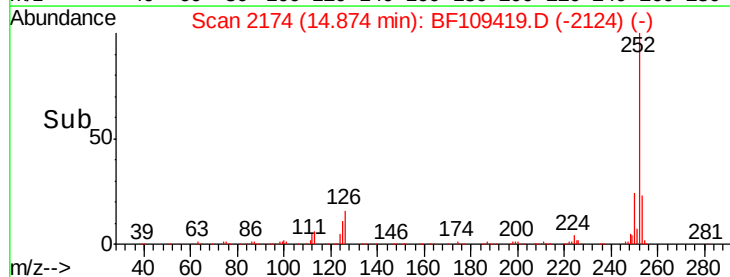
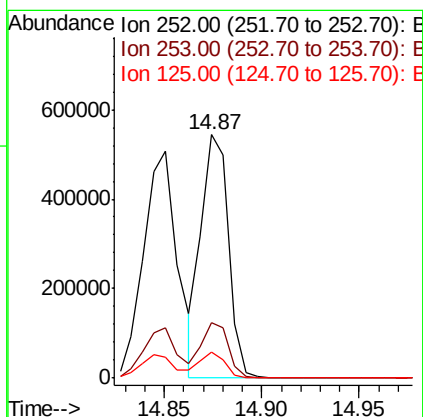
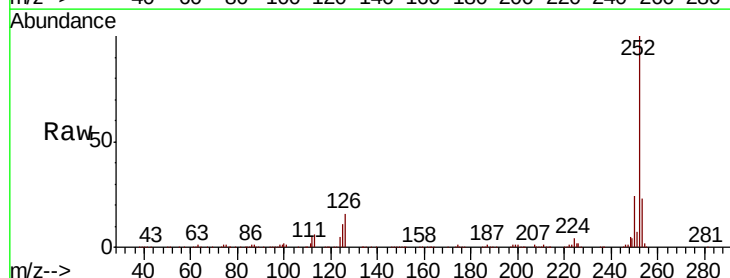
Instrument :
BNA_F
ClientSampleId :
PB113249BSD

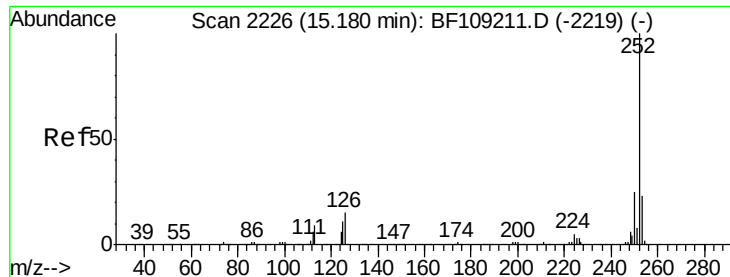
Tgt Ion:252 Resp: 529933
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 51.810 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:252 Resp: 529933
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 53.459 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

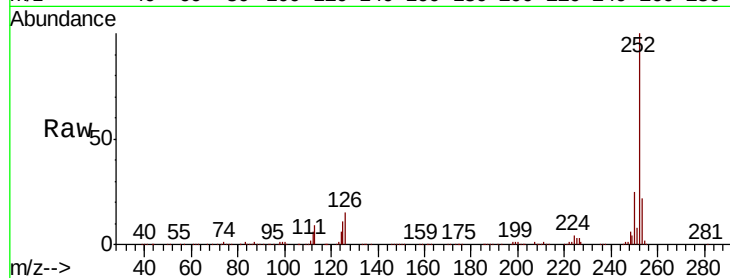
Tgt Ion:252 Resp: 519241

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

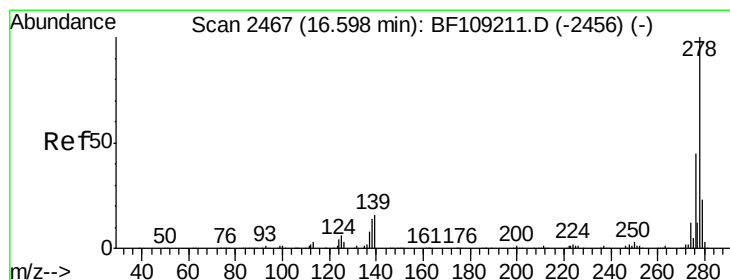
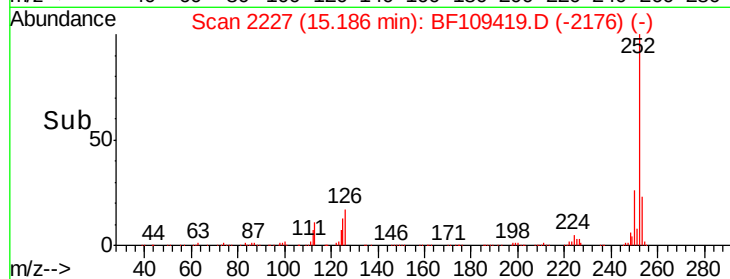
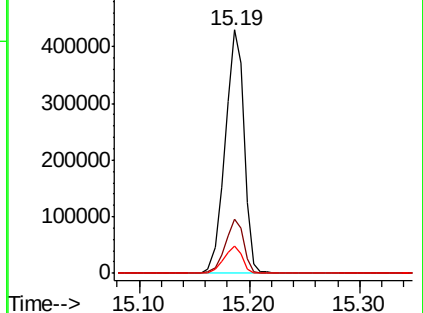
125 11.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.498 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

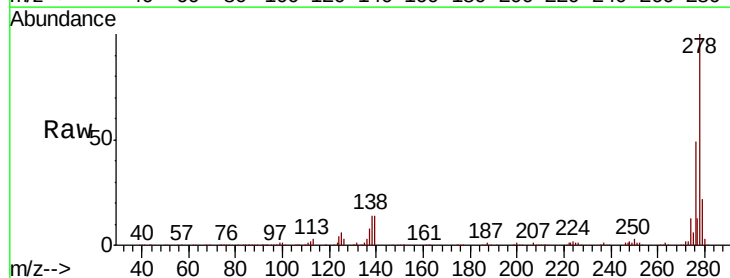
Tgt Ion:278 Resp: 402385

Ion Ratio Lower Upper

278 100

139 14.5 15.9 23.9#

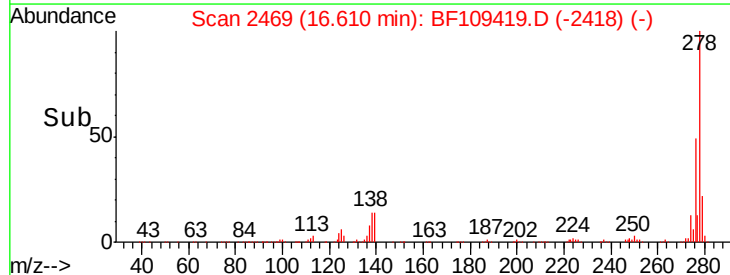
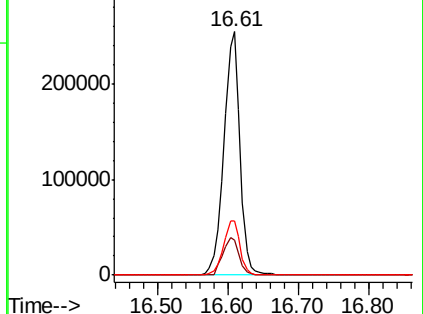
279 22.5 19.0 28.4

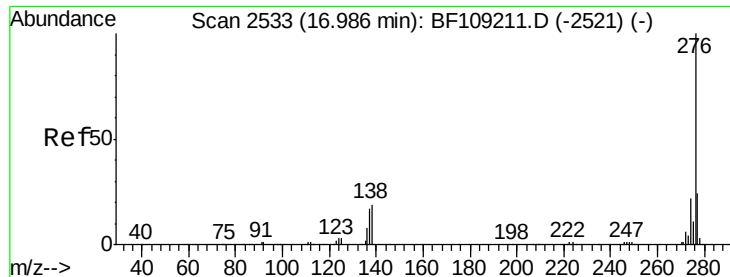


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.058 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

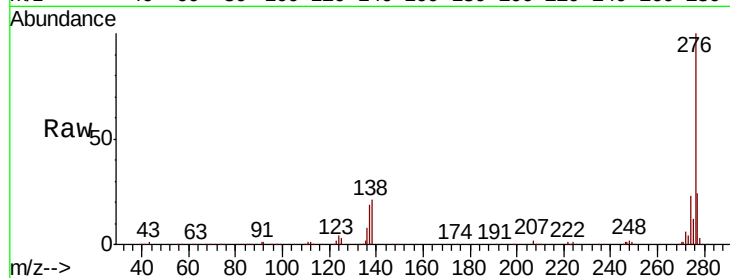
Tgt Ion: 276 Resp: 384192

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 21.1 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

