

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112561.D
 Acq On : 14 Feb 2019 12:13
 Operator : JU/SJ
 Sample : PB117100BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Quant Time: Feb 15 04:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	112379	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	443795	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	218569	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	404932	20.00	ng	0.00
76) Chrysene-d12	14.01	240	314731	20.00	ng	0.00
87) Perylene-d12	15.49	264	236247	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	863482	163.21	ng	0.00
7) Phenol-d6	6.49	99	1077927	146.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	599892	77.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	352303	138.48	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1236782	80.03	ng	-0.01
79) Terphenyl-d14	12.94	244	1430453	85.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	100560	47.713	ng	94
3) Pyridine	3.46	79	256437	47.832	ng	98
4) n-Nitrosodimethylamine	3.40	42	126703	56.251	ng	87
6) Aniline	6.50	93	271467	31.041	ng	# 36
8) 2-Chlorophenol	6.63	128	305274	42.891	ng	99
9) Benzaldehyde	6.39	77	128797	33.518	ng	95
10) Phenol	6.50	94	348756	43.239	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	265607	41.828	ng	97
12) 1,3-Dichlorobenzene	6.77	146	331986	40.052	ng	99
13) 1,4-Dichlorobenzene	6.85	146	338678	39.701	ng	96
14) 1,2-Dichlorobenzene	7.00	146	321738	40.283	ng	97
15) Benzyl Alcohol	6.98	79	255526	41.231	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	316846	38.862	ng	# 19
17) 2-Methylphenol	7.10	107	235344	41.712	ng	# 88
18) Hexachloroethane	7.34	117	123937	41.373	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	210591	41.542	ng	99
20) 3+4-Methylphenols	7.26	107	311530	43.178	ng	# 64
22) Acetophenone	7.25	105	422863	39.131	ng	# 96
24) Nitrobenzene	7.42	77	309811	40.276	ng	100
25) Isophorone	7.66	82	543834	45.008	ng	97
26) 2-Nitrophenol	7.73	139	169237	41.169	ng	91
27) 2,4-Dimethylphenol	7.77	122	258852	45.703	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	342123	41.583	ng	98
29) 2,4-Dichlorophenol	7.99	162	261681	41.287	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	282777	38.814	ng	98
31) Naphthalene	8.14	128	892778	43.018	ng	98
32) Benzoic acid	7.94	122	156640	48.485	ng	97
33) 4-Chloroaniline	8.19	127	193252	21.385	ng	98
34) Hexachlorobutadiene	8.25	225	162202	37.940	ng	99
35) Caprolactam	8.57	113	37379	16.717	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	270609	40.331	ng	98
37) 2-Methylnaphthalene	8.83	142	627703	44.181	ng	98
38) 1-Methylnaphthalene	8.93	142	588003	43.179	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	284498	39.644	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	159790	61.275	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	173377	39.194	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	176295	38.132	nq	95
46) 1,1'-Biphenyl	9.29	154	771596	40.381	nq	98
47) 2-Chloronaphthalene	9.32	162	579227	39.090	nq	97
48) 2-Nitroaniline	9.42	65	159870	39.584	nq	89
49) Acenaphthylene	9.73	152	912922	42.035	nq	98
50) Dimethylphthalate	9.59	163	666890	39.271	nq	99
51) 2,6-Dinitrotoluene	9.66	165	149754	39.375	nq #	86
52) Acenaphthene	9.90	154	531245	40.947	nq	98
53) 3-Nitroaniline	9.83	138	106357	25.813	nq	91
54) 2,4-Dinitrophenol	9.96	184	109100	89.385	nq	93
55) Dibenzofuran	10.08	168	788865	39.789	nq	94
56) 4-Nitrophenol	10.03	139	135175	62.053	nq	92
57) 2,4-Dinitrotoluene	10.08	165	196972	40.681	nq #	77
58) Fluorene	10.42	166	642874	43.330	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	147667	42.265	nq	95
60) Diethylphthalate	10.29	149	687963	40.823	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	311514	38.598	nq	94
62) 4-Nitroaniline	10.46	138	140466	34.756	nq	92
63) Azobenzene	10.57	77	599187	40.427	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	84997	37.439	nq	97
66) n-Nitrosodiphenylamine	10.53	169	560304	41.056	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	189907	39.875	nq	97
68) Hexachlorobenzene	10.98	284	206278	40.370	nq	98
69) Atrazine	11.06	200	179836	40.839	nq	94
70) Pentachlorophenol	11.18	266	127563	64.160	nq	99
71) Phenanthrene	11.39	178	899118	42.710	nq	98
72) Anthracene	11.44	178	932763	44.480	nq	99
73) Carbazole	11.60	167	824636	39.865	nq	99
74) Di-n-butylphthalate	11.91	149	1082139	42.147	nq	99
75) Fluoranthene	12.58	202	943519	41.787	nq	98
77) Benzidine	12.69	184	358926	41.435	nq	96
78) Pyrene	12.81	202	948259	43.518	nq	98
80) Butylbenzylphthalate	13.41	149	456378	43.289	nq	95
81) Benzo(a)anthracene	14.00	228	801148	43.302	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	181410	26.200	nq	98
83) Chrysene	14.04	228	742426	42.038	nq	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	635508	42.467	nq #	95
85) Di-n-octyl phthalate	14.57	149	968509	42.065	nq	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	584720	41.784	nq	96
88) Benzo(b)fluoranthene	15.06	252	651337	46.100	nq	98
89) Benzo(k)fluoranthene	15.09	252	601867	44.473	nq	99
90) Benzo(a)pyrene	15.43	252	584095	45.945	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	493833	48.198	nq	97
92) Benzo(g,h,i)perylene	17.43	276	481096	49.770	nq	97

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

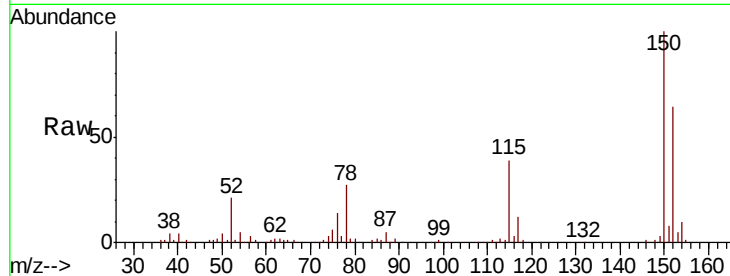


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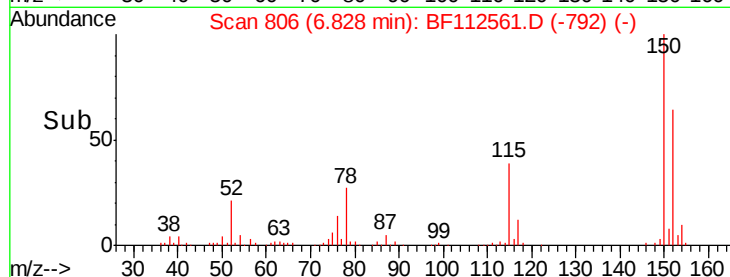
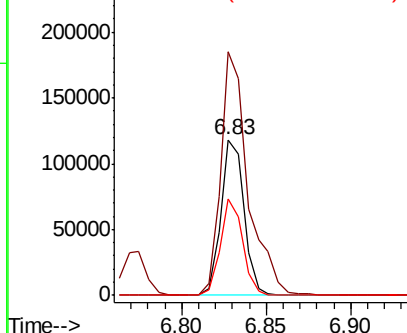
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:152 Resp: 112379
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 61.7 45.5 68.3



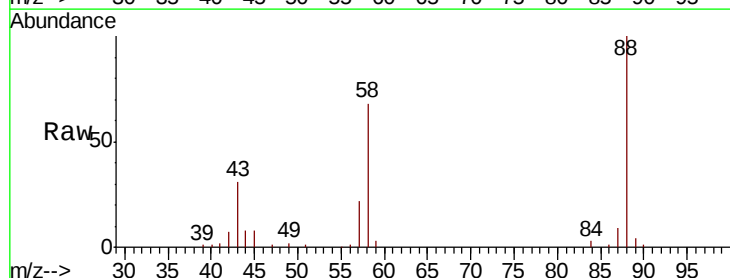
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



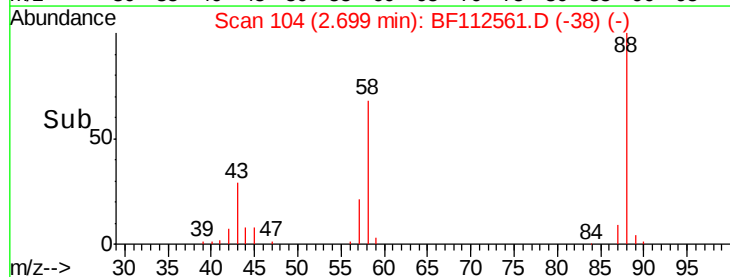
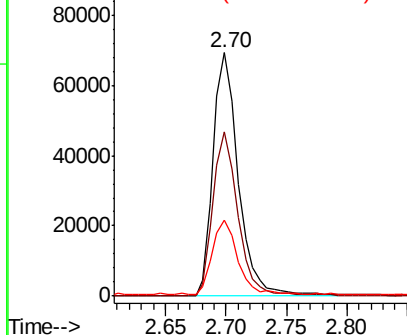
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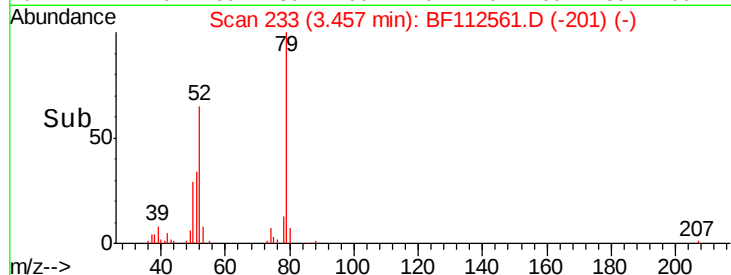
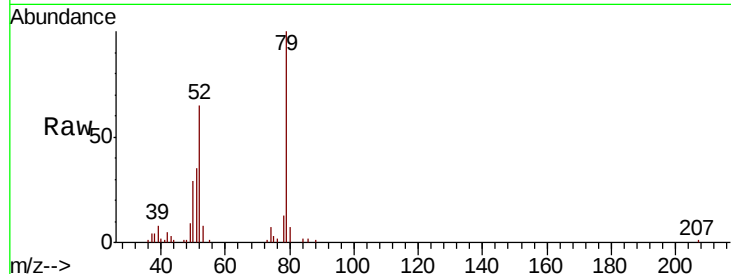
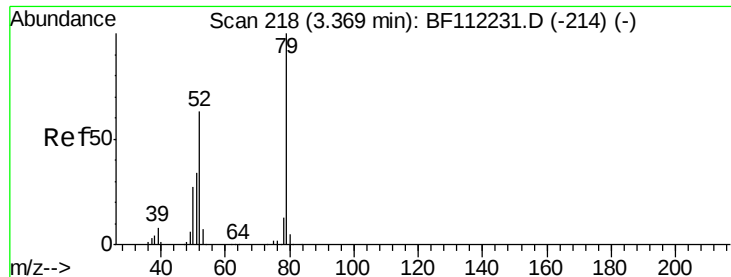
1,4-Dioxane
Concen: 47.713 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion: 88 Resp: 100560
Ion Ratio Lower Upper
88 100
58 66.7 57.4 86.2
43 30.1 22.2 33.4



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

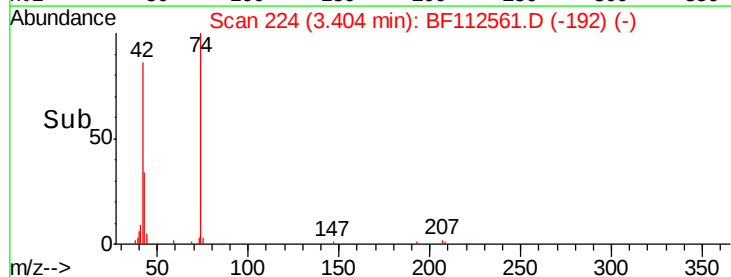
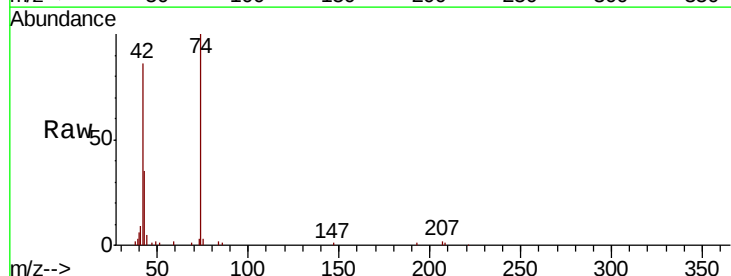
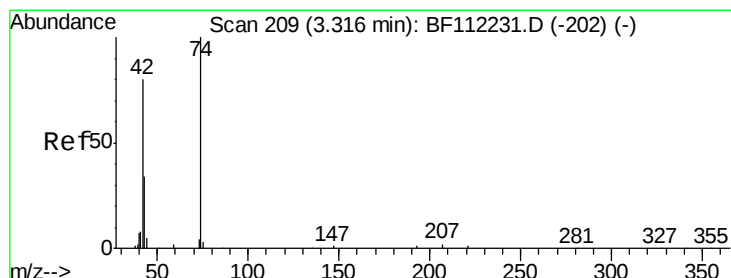
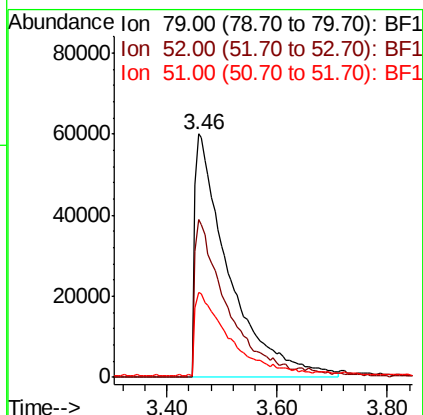




#3
 Pvridine
 Concen: 47.832 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.09 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

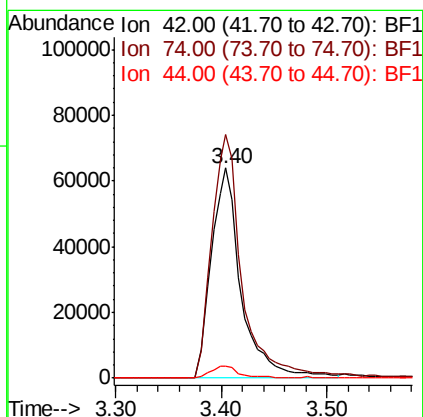
Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

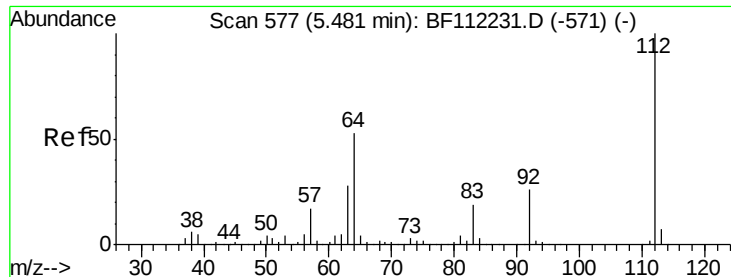
Tot Ion: 79 Resp: 256437
 Ion Ratio Lower Upper
 79 100
 52 64.9 52.4 78.6
 51 35.0 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 56.251 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.09 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion: 42 Resp: 126703
 Ion Ratio Lower Upper
 42 100
 74 115.9 105.6 158.4
 44 6.0 5.4 8.2





#5

2-Fluorophenol

Concen: 163.206 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

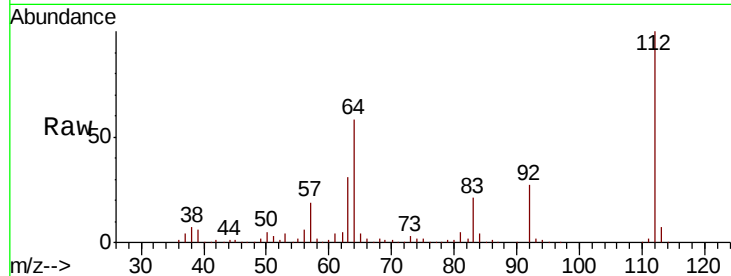
Tot Ion:112 Resp: 863482

Ion Ratio Lower Upper

112 100

64 57.7 45.7 68.5

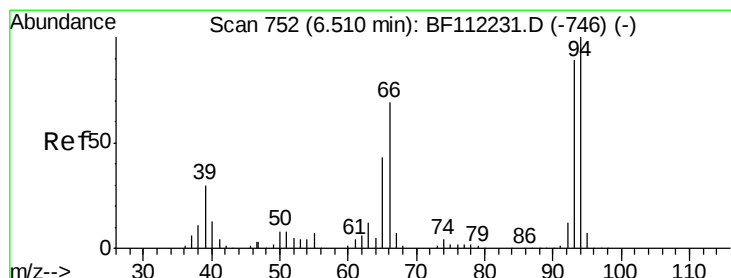
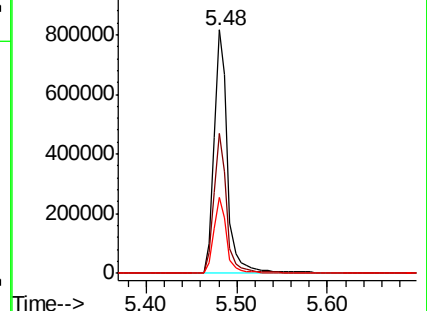
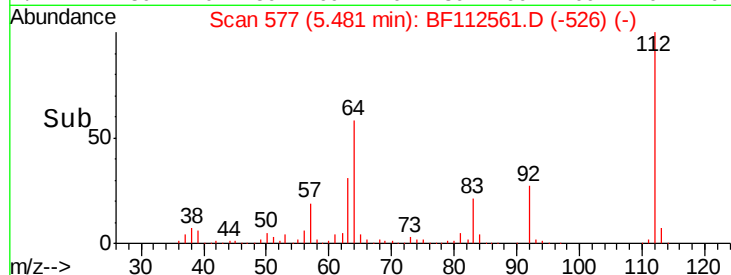
63 31.4 23.6 35.4



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: 31.041 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

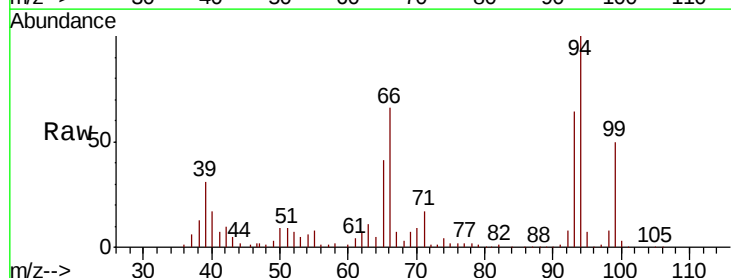
Tgt Ion: 93 Resp: 271467

Ion Ratio Lower Upper

93 100

66 102.2 43.4 65.2#

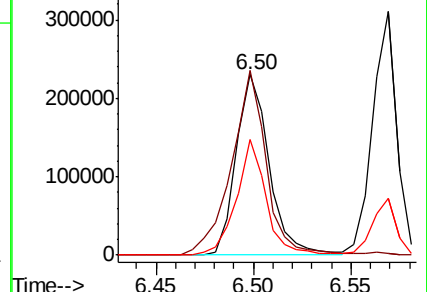
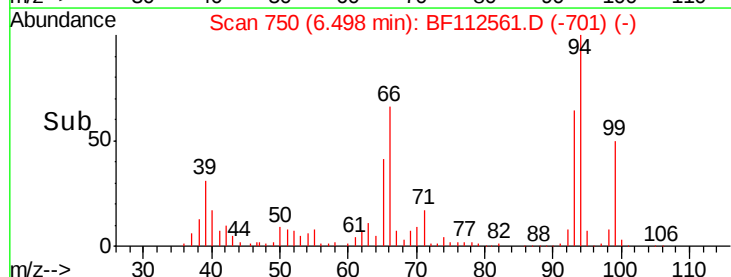
65 64.4 25.3 37.9#

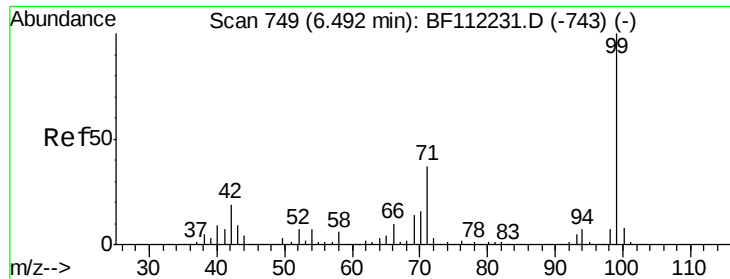


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 146.621 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

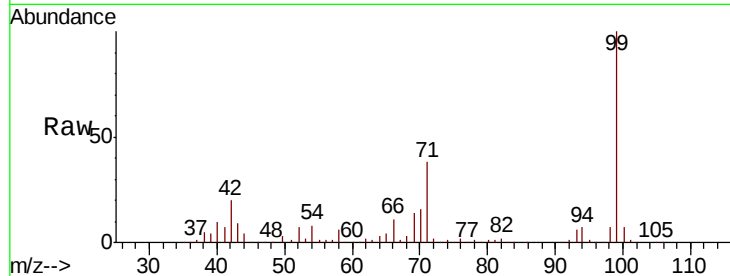
BNA_F

ClientSampled :

PB117100BS

Tot Ion: 99 Resp: 1077927

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.1	22.7
71	37.8	26.9	40.3

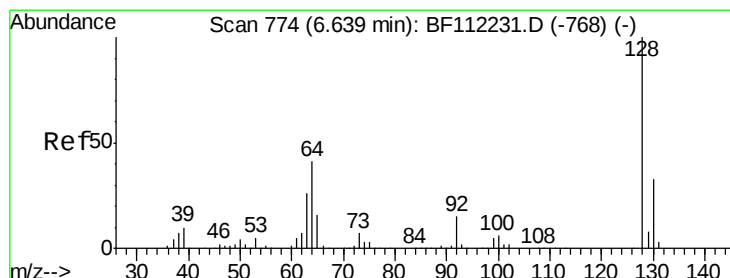
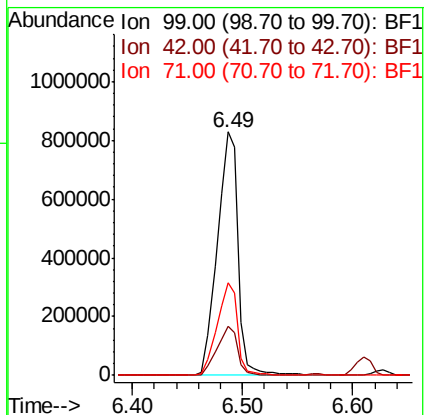
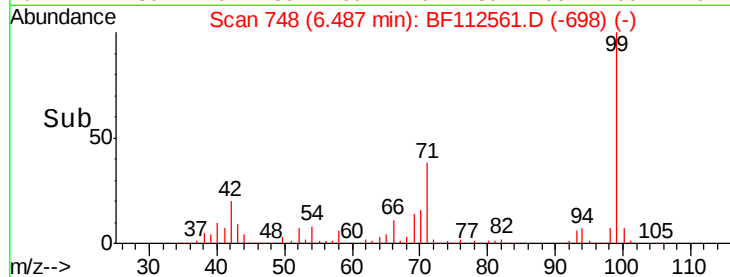


Abundance

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: 42.891 ng

RT: 6.63 min Scan# 772

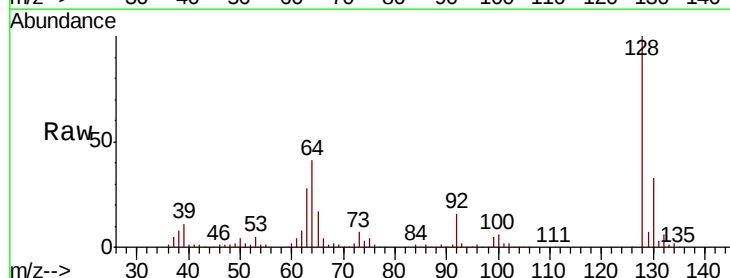
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:128 Resp: 305274

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.4	53.4
64	40.8	20.5	60.5

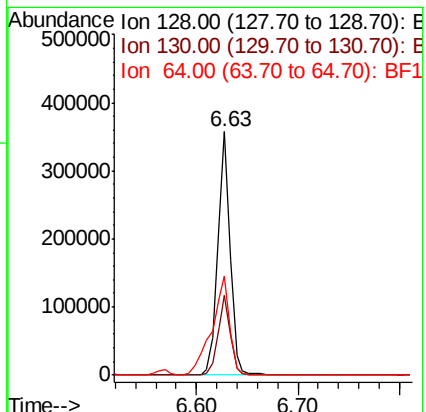
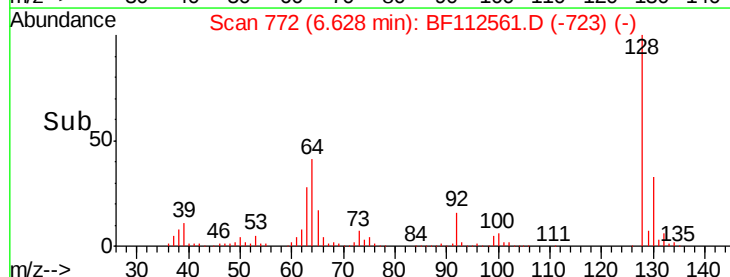


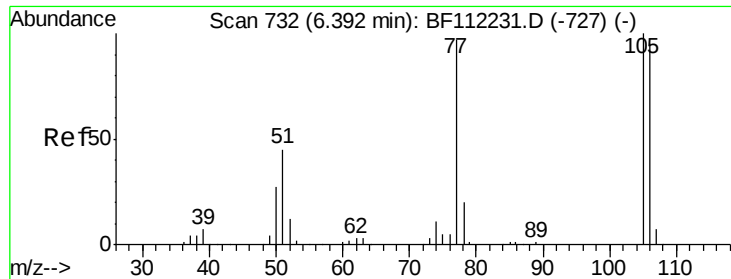
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.518 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

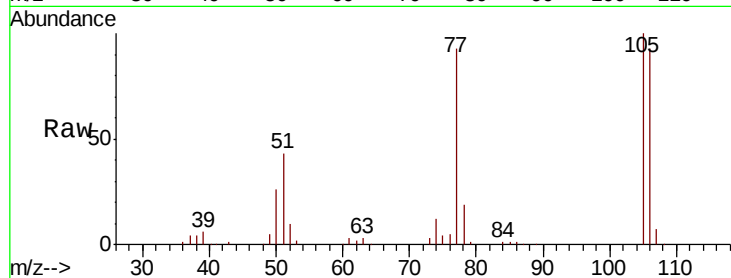
Tot Ion: 77 Resp: 128797

Ion Ratio Lower Upper

77 100

105 107.0 80.8 120.8

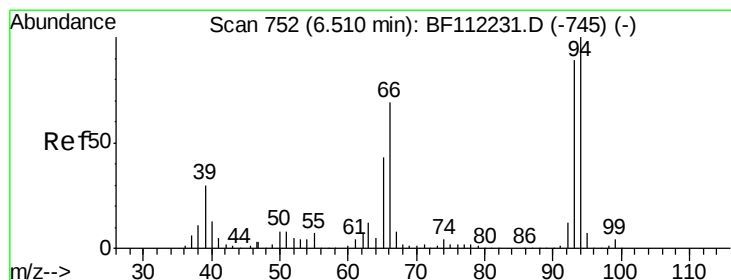
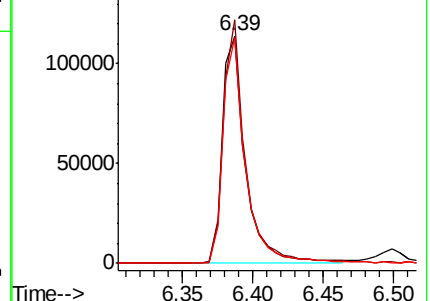
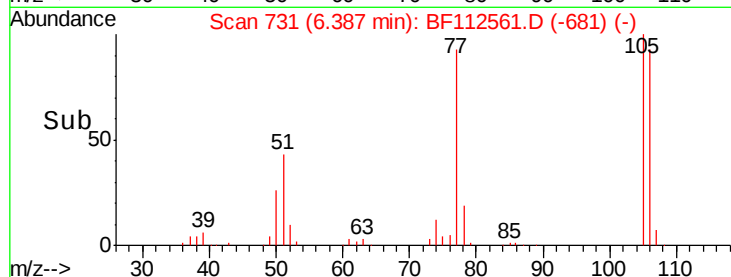
106 99.2 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.239 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

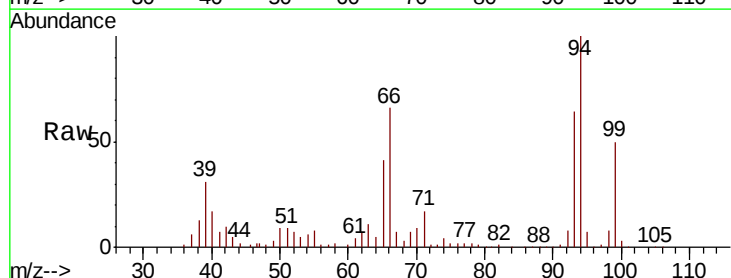
Tgt Ion: 94 Resp: 348756

Ion Ratio Lower Upper

94 100

65 41.4 20.3 60.3

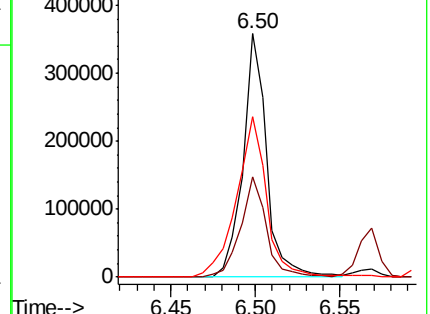
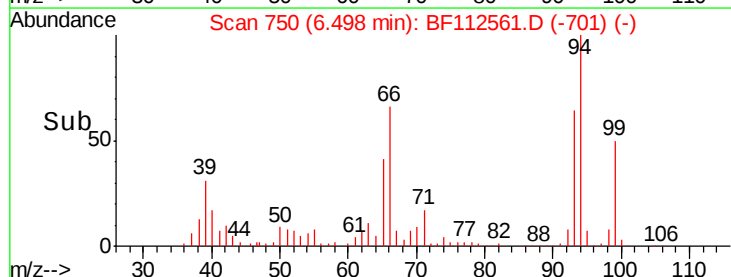
66 65.7 42.4 82.4

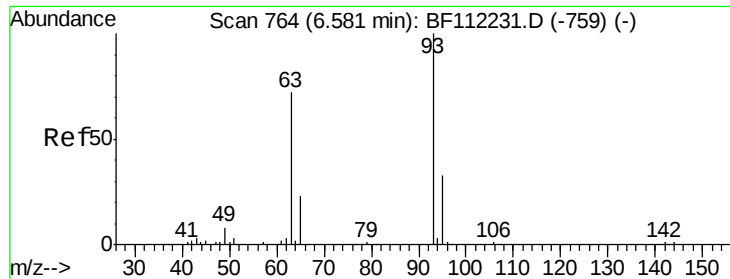


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

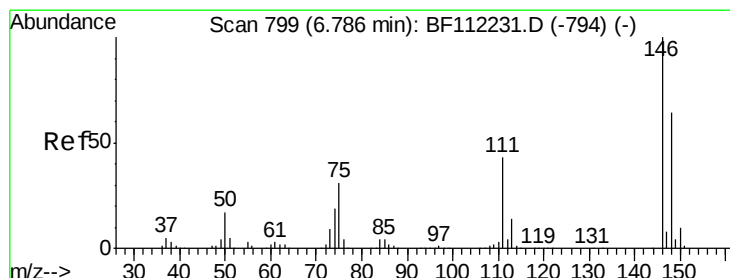
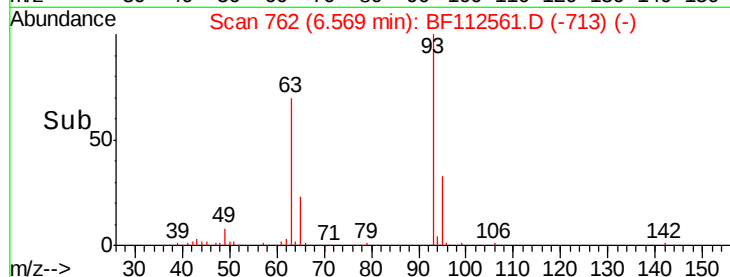
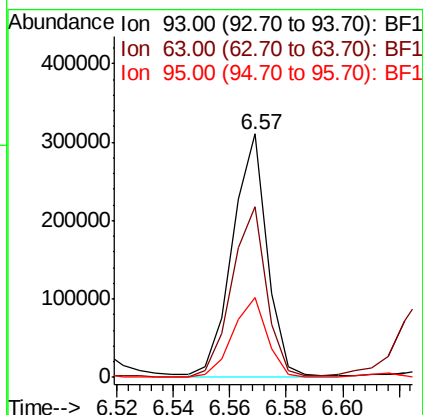
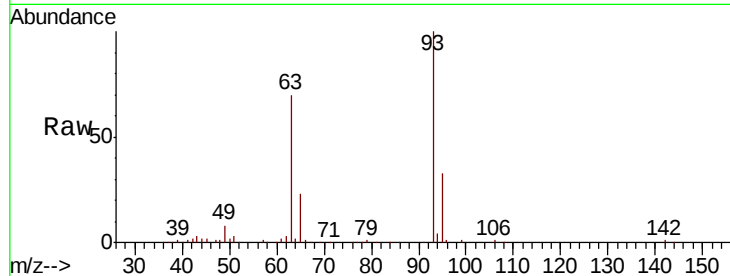




#11
bis(2-Chloroethyl)ether
Concen: 41.828 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

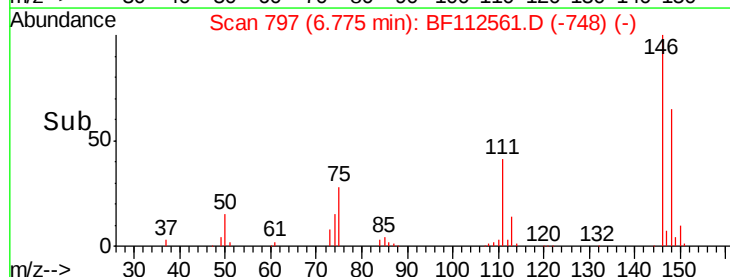
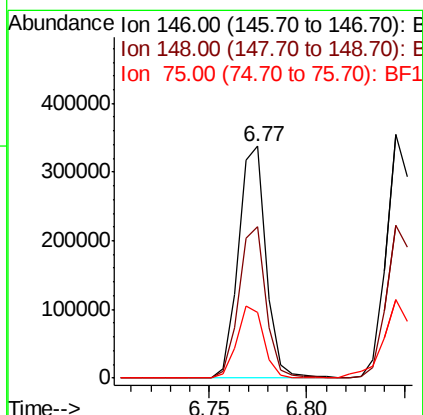
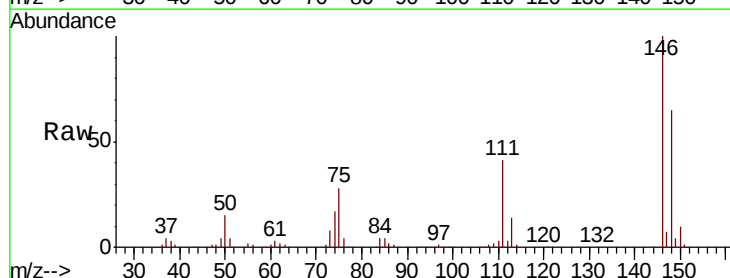
Instrument :
BNA_F
ClientSampleId :
PB117100BS

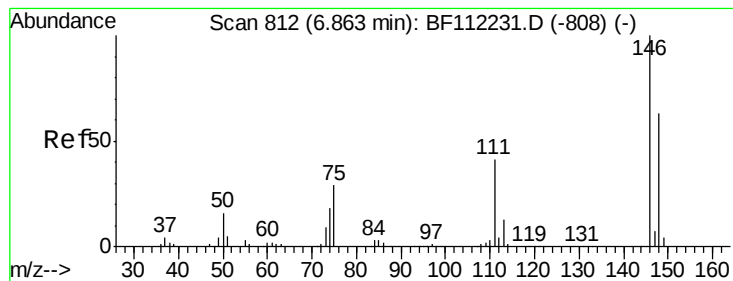
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	53.3	93.3
95	32.5	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 40.052 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	28.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.701 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

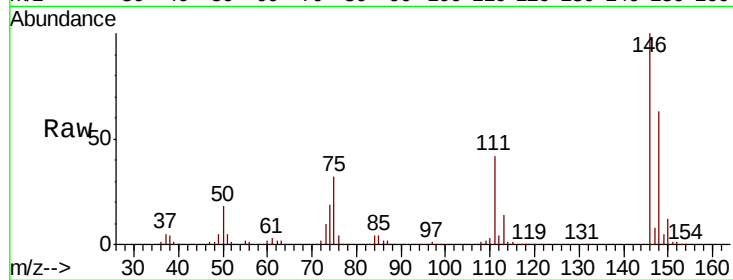
Tot Ion:146 Resp: 338678

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

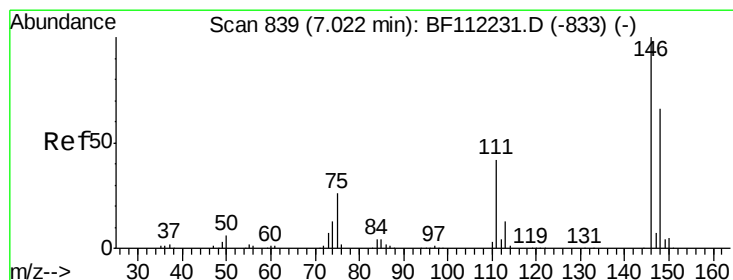
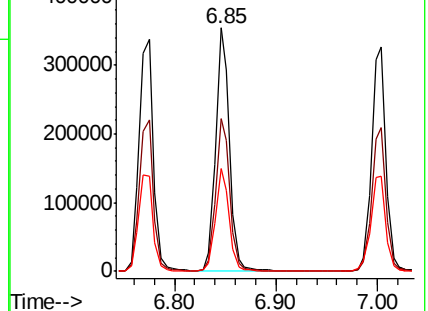
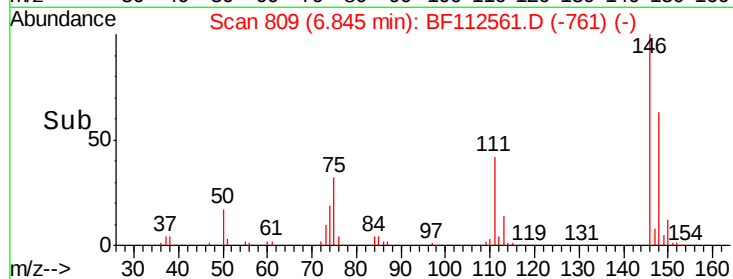
111 42.2 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.283 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

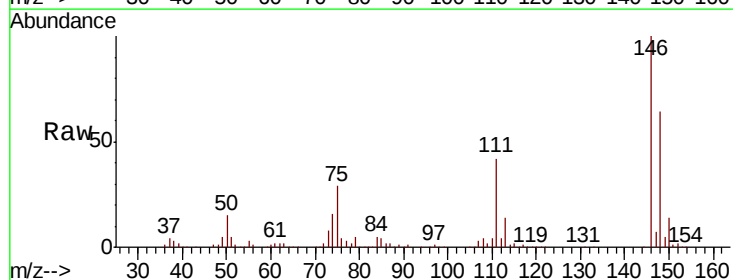
Tgt Ion:146 Resp: 321738

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

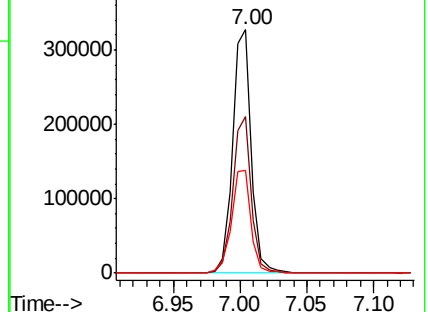
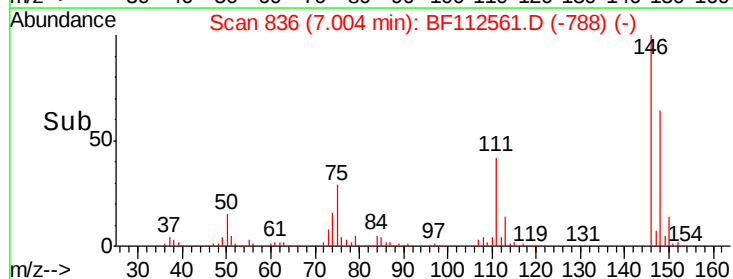
111 42.2 31.2 46.8

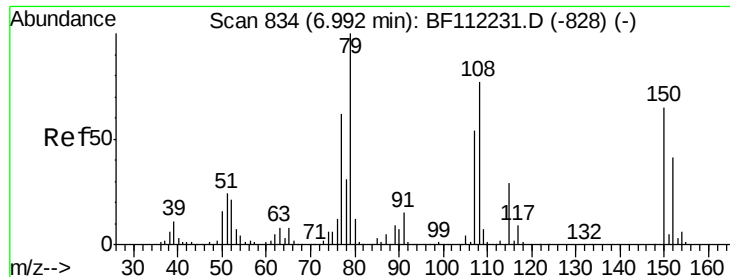


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.231 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleID :

PB117100BS

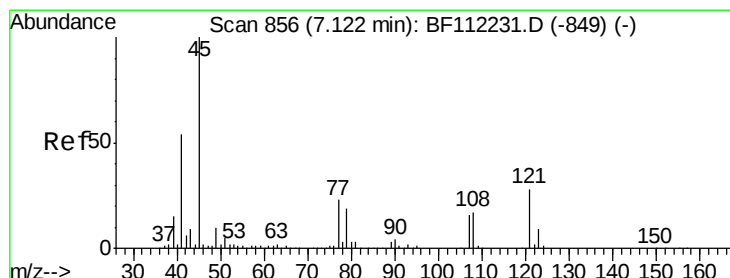
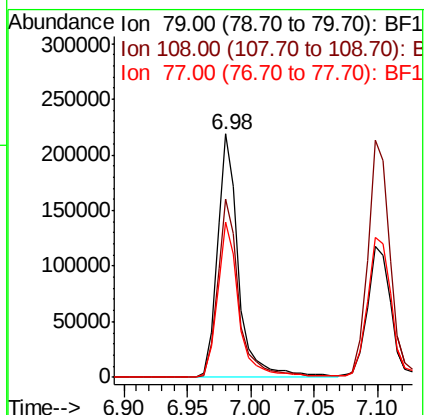
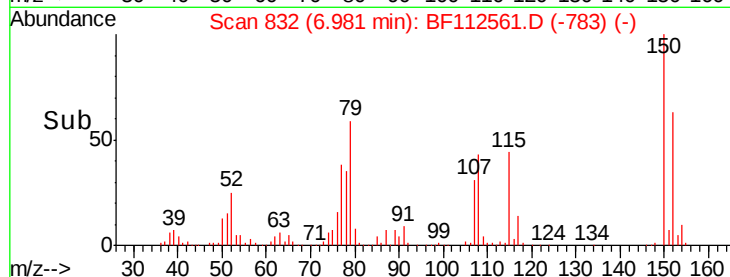
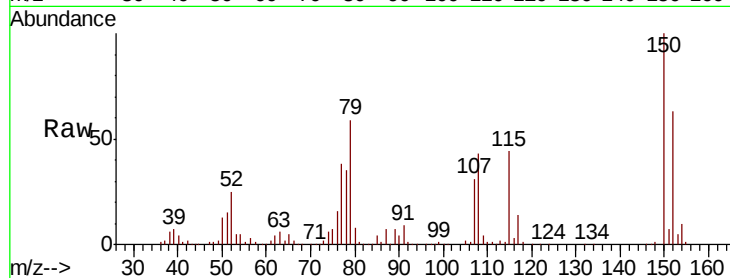
Tot Ion: 79 Resp: 255526

Ion Ratio Lower Upper

79 100

108 73.1 64.2 96.2

77 63.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.862 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

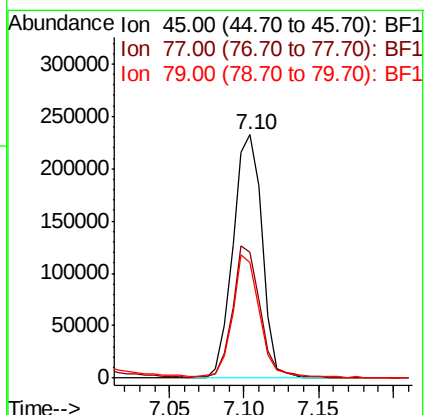
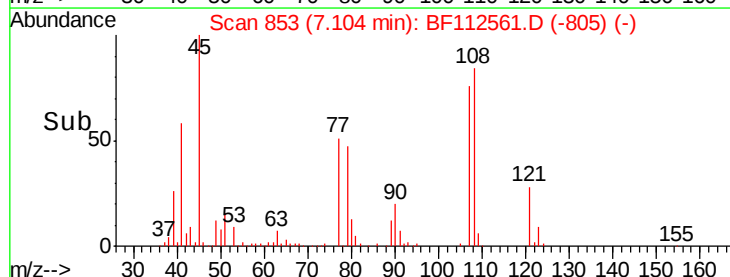
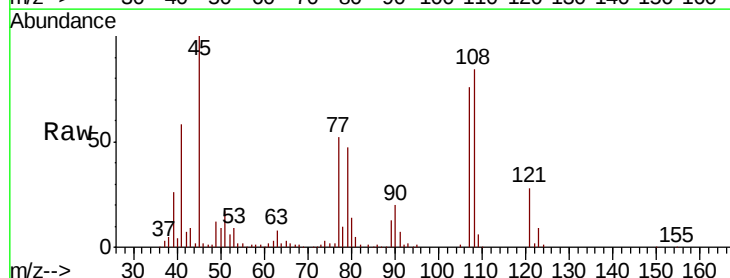
Tgt Ion: 45 Resp: 316846

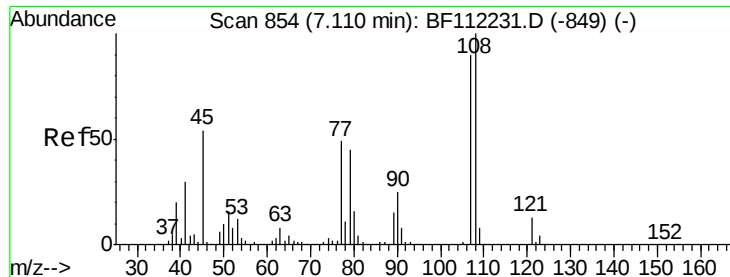
Ion Ratio Lower Upper

45 100

77 51.5 0.0 36.9#

79 47.3 0.0 34.0#

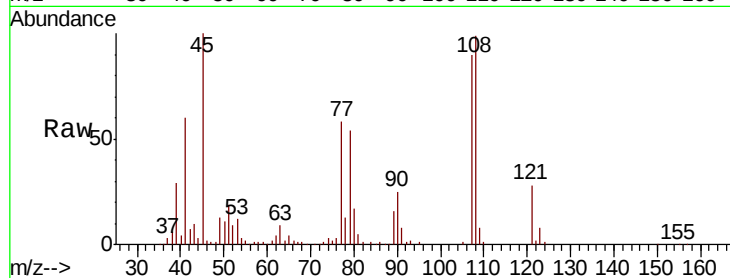




#17
2-Methylphenol
Concen: 41.712 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.3	136.9
77	64.6	39.0	58.6
79	60.1	37.0	55.4



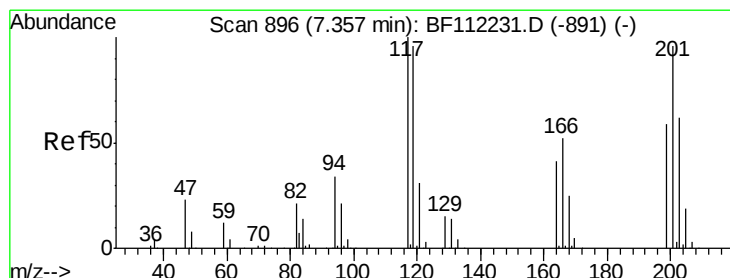
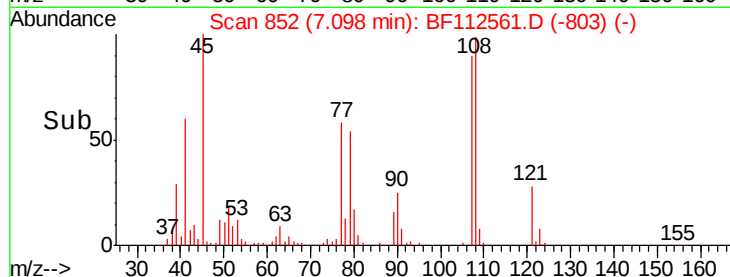
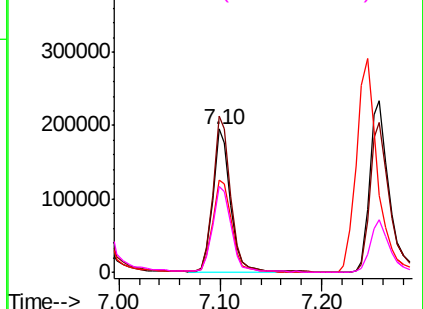
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

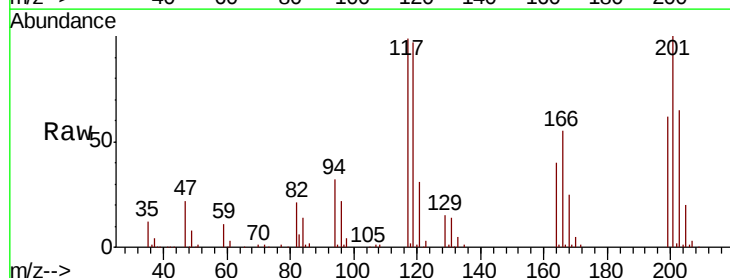
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.373 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.0	115.4
201	101.5	74.1	111.1

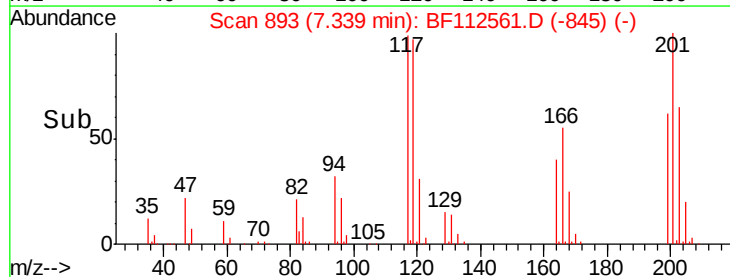
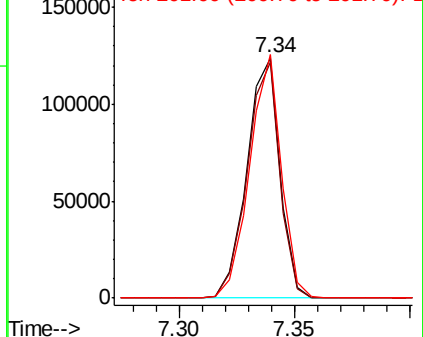


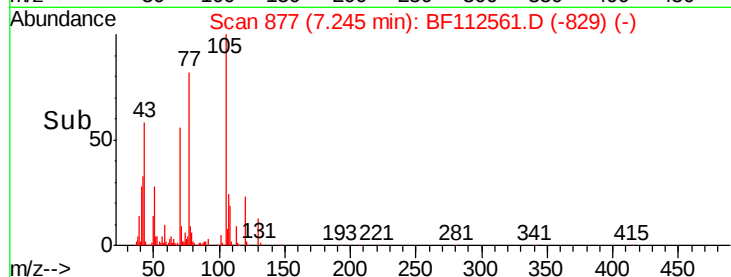
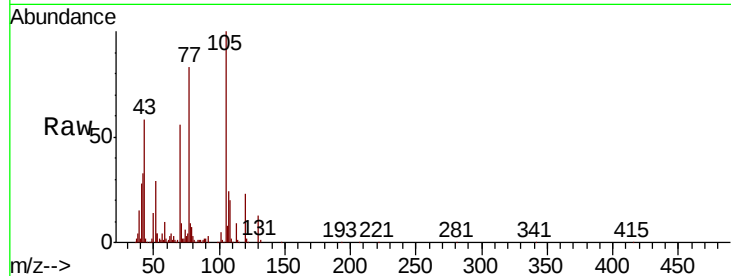
Abundance

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

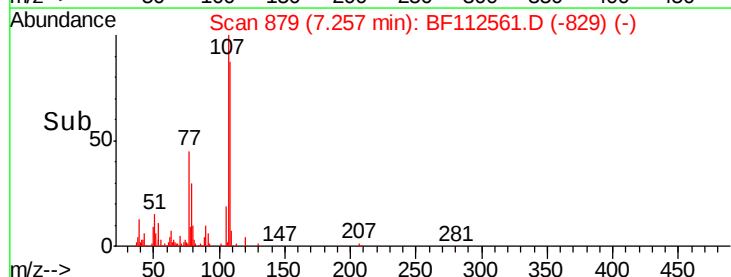
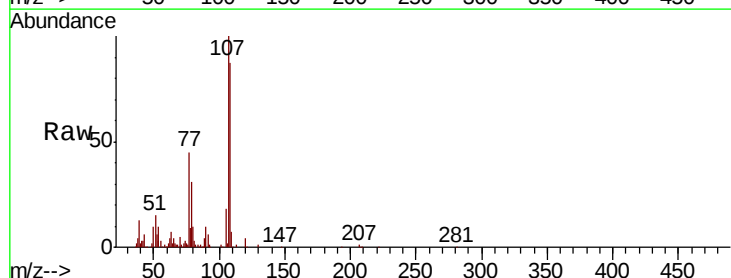
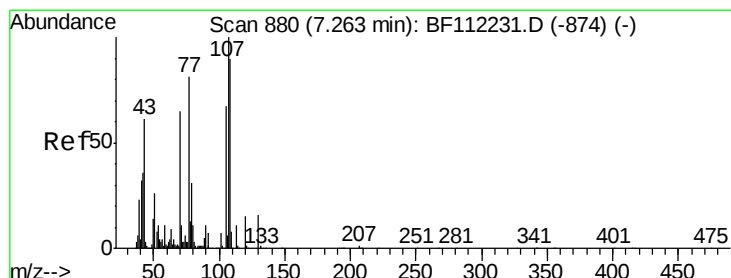
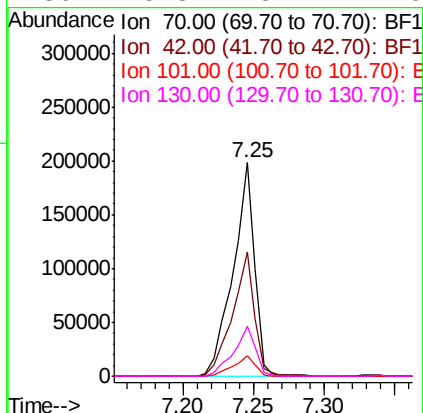




#19
n-Nitroso-di-n-propylamine
Concen: 41.542 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

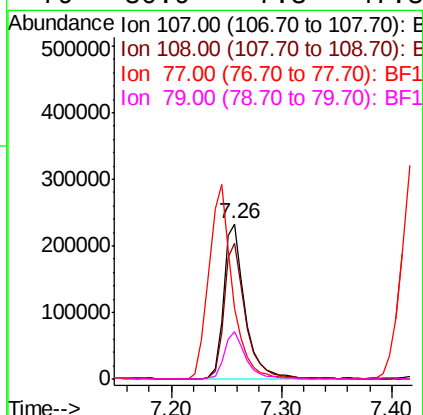
Instrument :
BNA_F
ClientSampleId :
PB117100BS

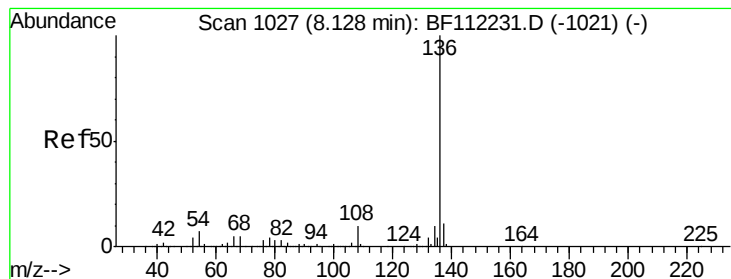
Tot Ion:	70	Resp:	210591
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.6	71.4
101	9.7	7.9	11.9
130	23.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 43.178 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:	107	Resp:	311530
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	45.3	100.7	140.7#
79	30.9	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

Tot Ion:136 Resp: 443795

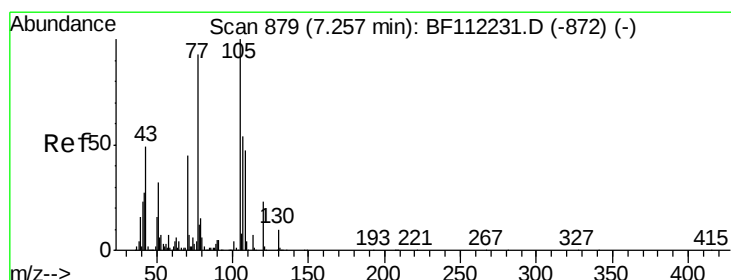
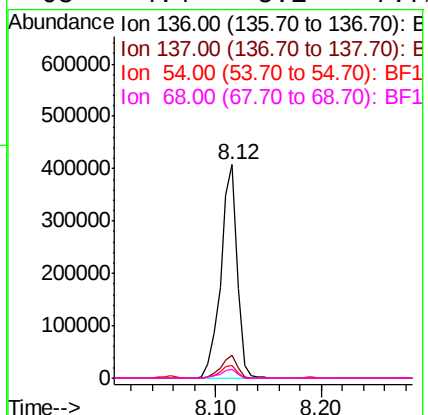
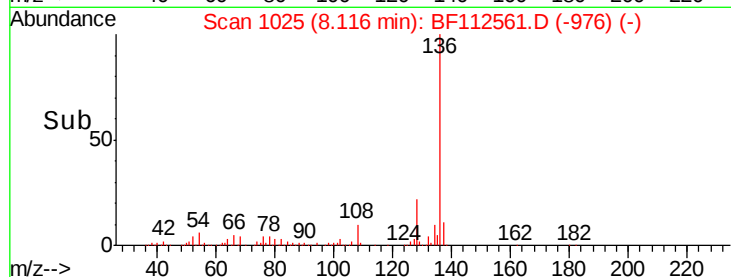
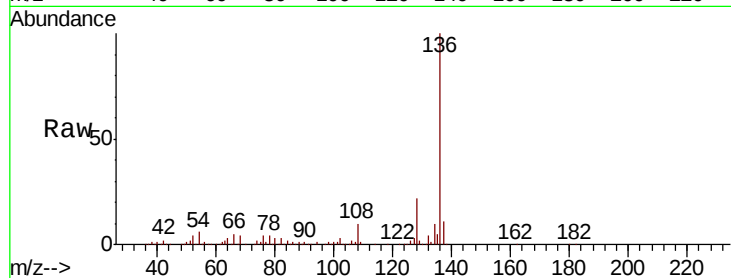
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.8 5.9 8.9#

68 4.4 5.1 7.7#



#22

Acetophenone

Concen: 39.131 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:105 Resp: 422863

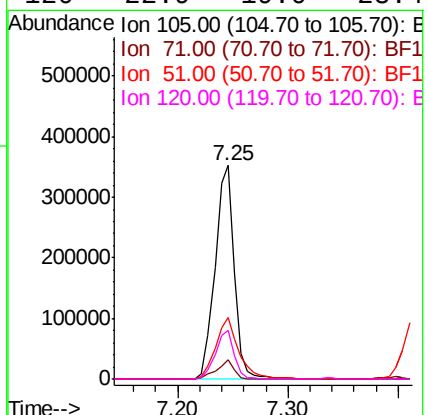
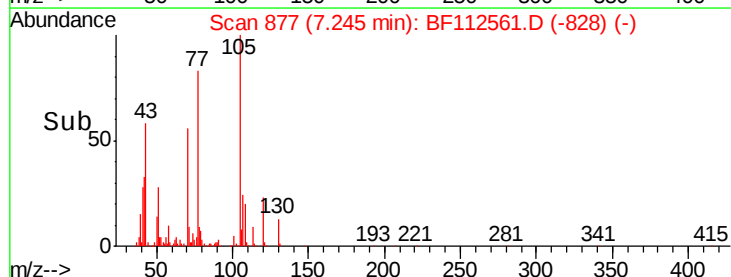
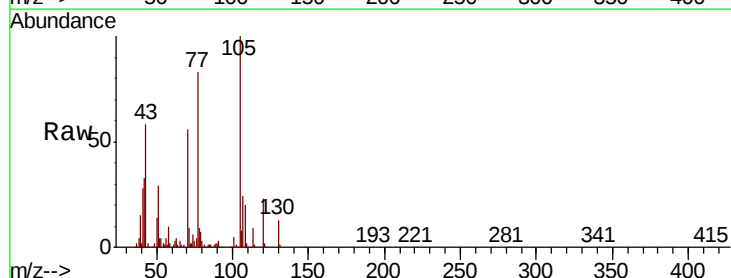
Ion Ratio Lower Upper

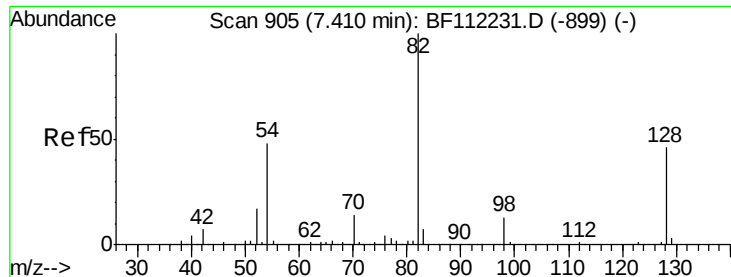
105 100

71 9.3 4.6 6.8#

51 28.5 25.0 37.6

120 22.9 19.0 28.4

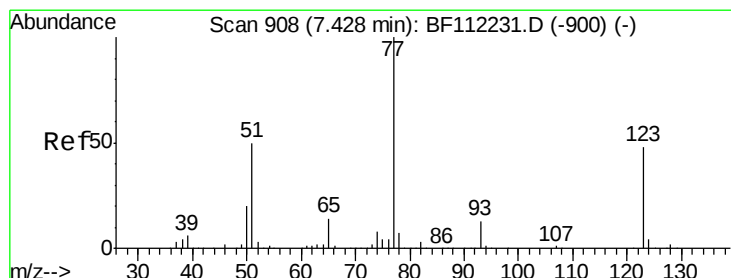
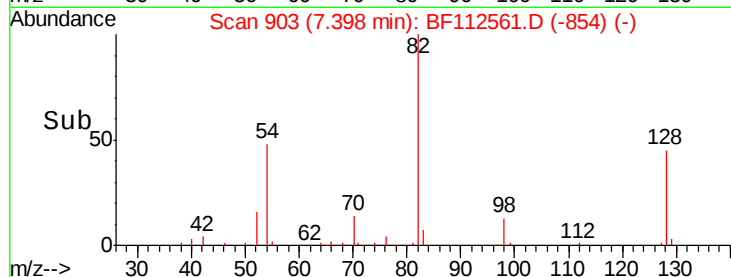
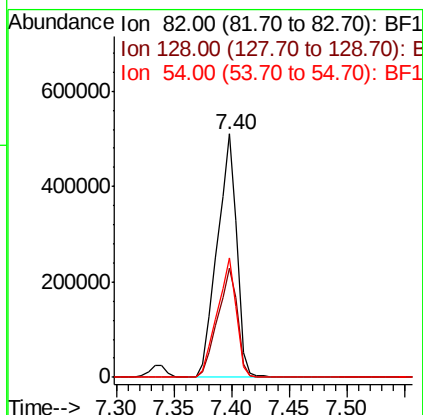
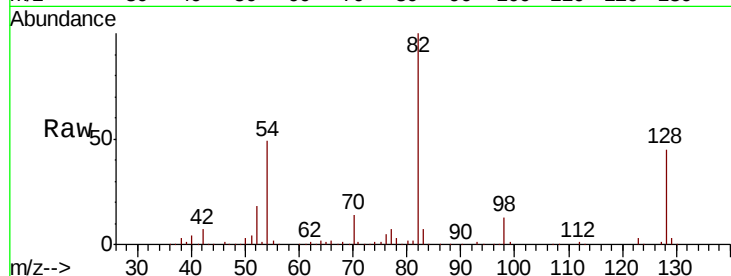




#23
Nitrobenzene-d5
Concen: 77.887 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

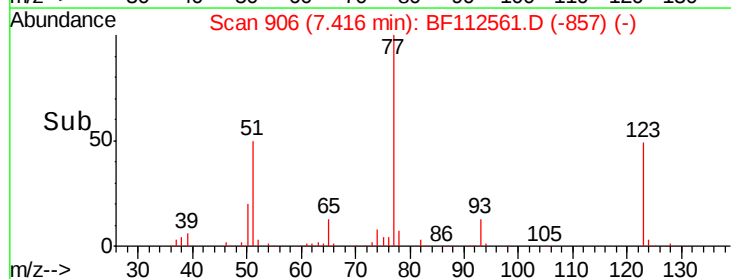
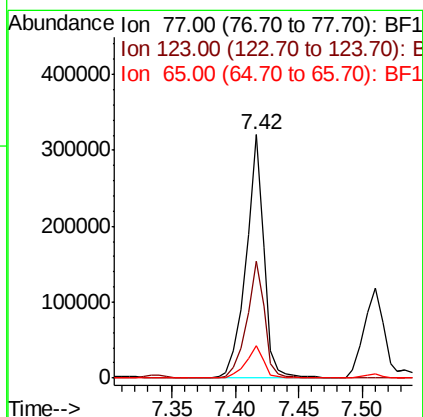
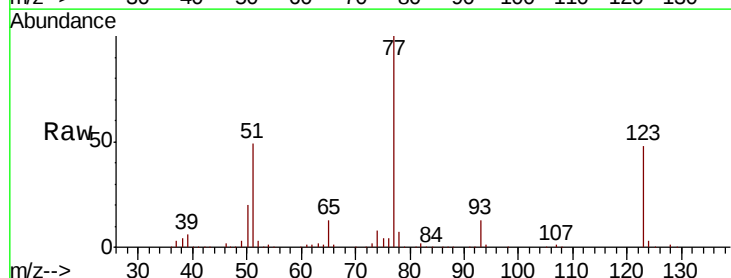
Instrument :
BNA_F
ClientSampleId :
PB117100BS

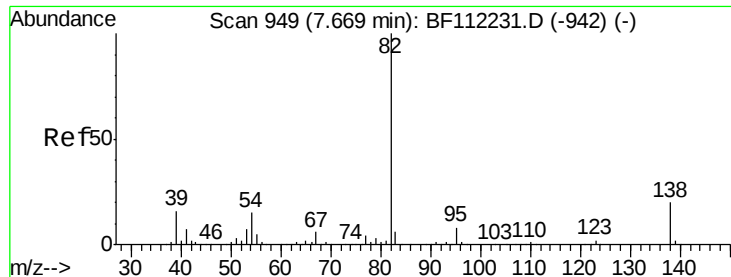
Tot Ion	82	Resp	599892
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.8	56.8
54	49.0	39.7	59.5



#24
Nitrobenzene
Concen: 40.276 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	77	Resp	309811
Ion Ratio	Lower	Upper	
77	100		
123	47.9	38.4	57.6
65	13.3	10.6	15.8





#25

Isophorone

Concen: 45.008 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

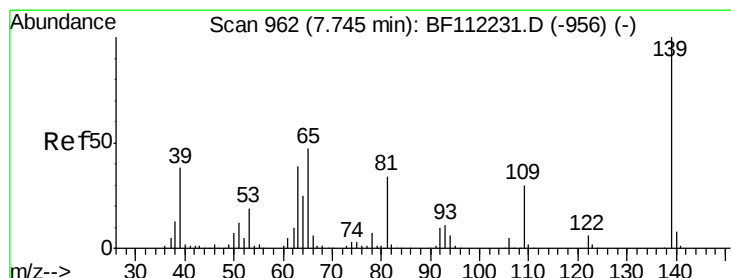
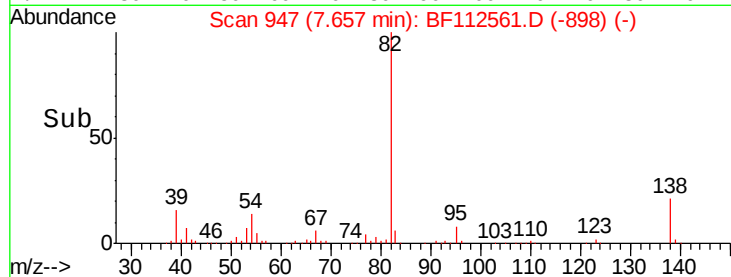
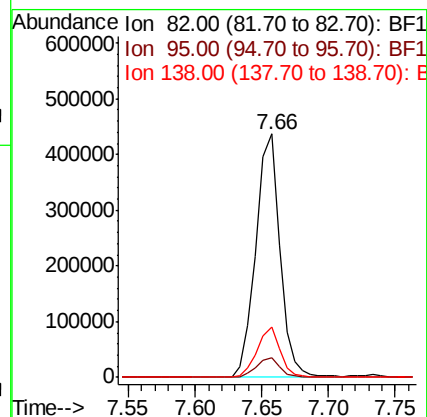
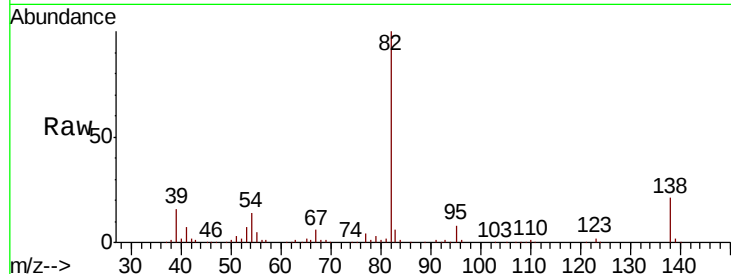
Tot Ion: 82 Resp: 543834

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

138 20.7 15.4 23.0



#26

2-Nitrophenol

Concen: 41.169 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

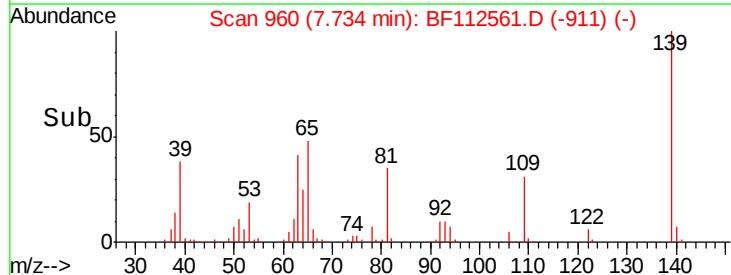
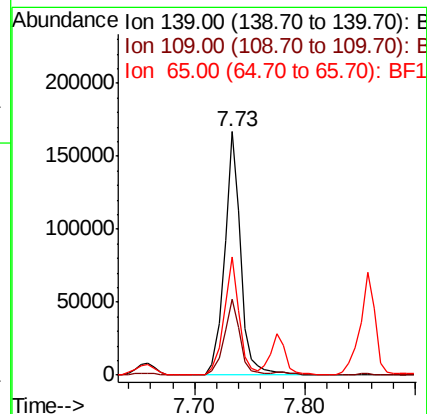
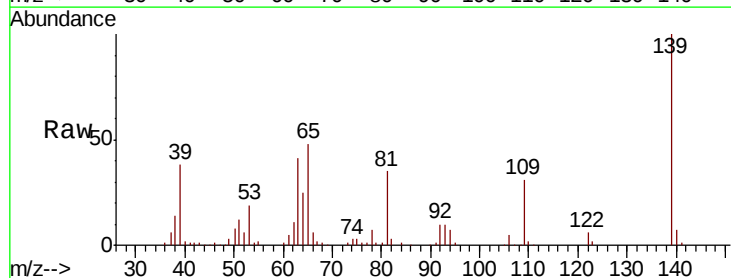
Tgt Ion: 139 Resp: 169237

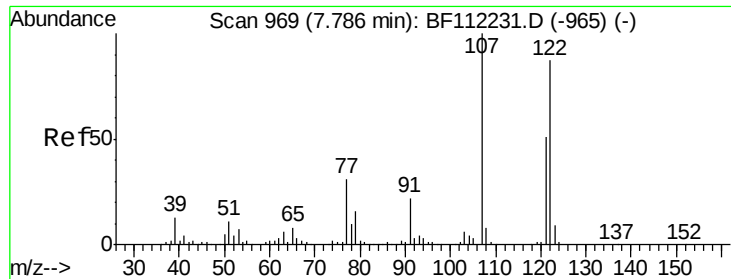
Ion Ratio Lower Upper

139 100

109 31.0 20.8 31.2

65 48.5 34.4 51.6

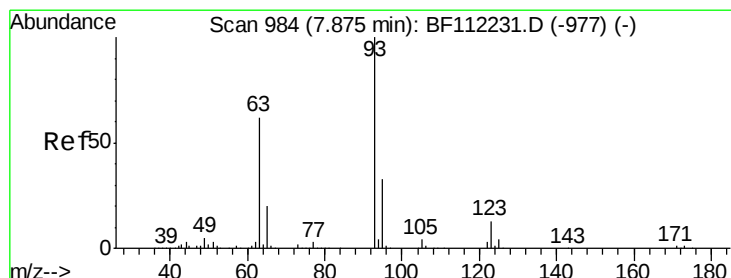
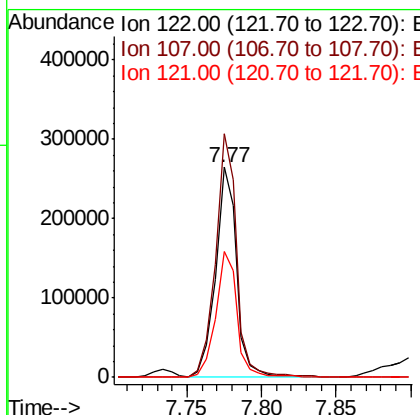
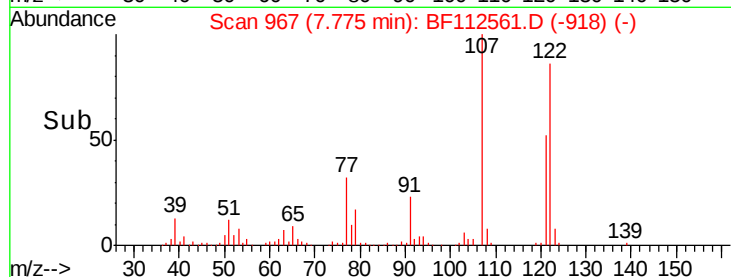
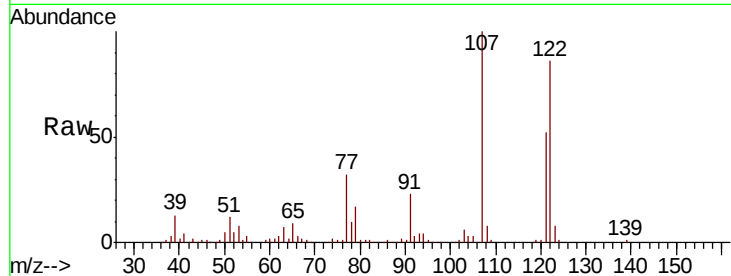




#27
2,4-Dimethylphenol
Concen: 45.703 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

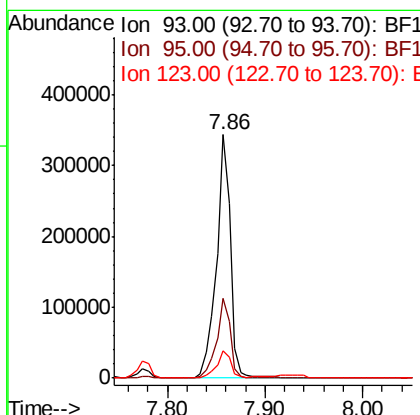
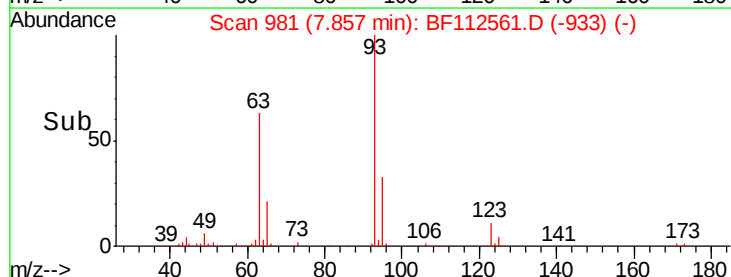
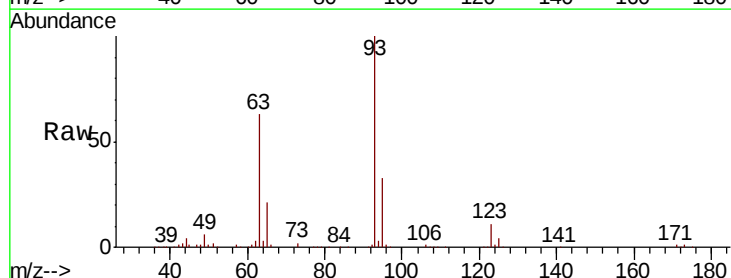
Instrument :
BNA_F
ClientSampleId :
PB117100BS

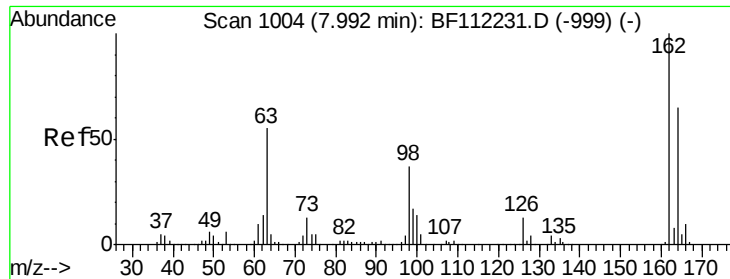
Tot Ion:122 Resp: 258852
Ion Ratio Lower Upper
122 100
107 116.0 85.4 128.0
121 59.9 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.583 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion: 93 Resp: 342123
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.4 10.2 15.2

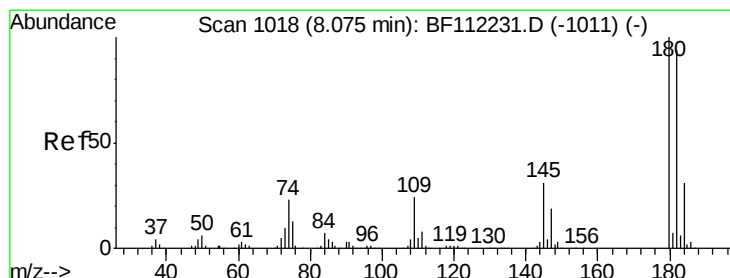
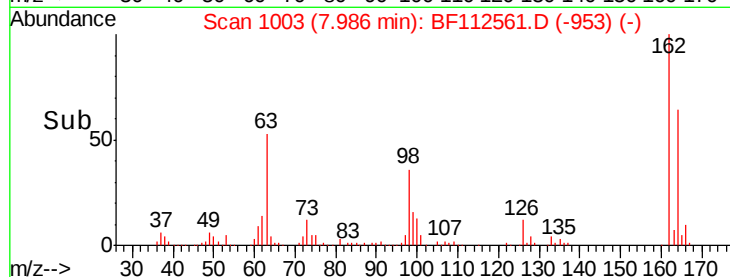
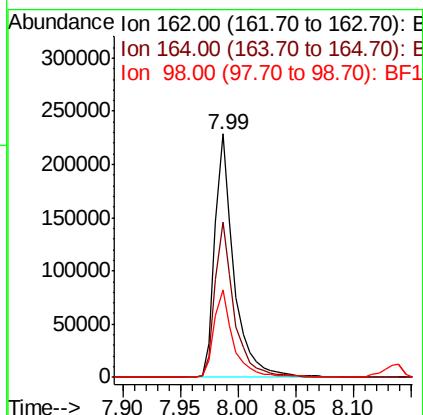
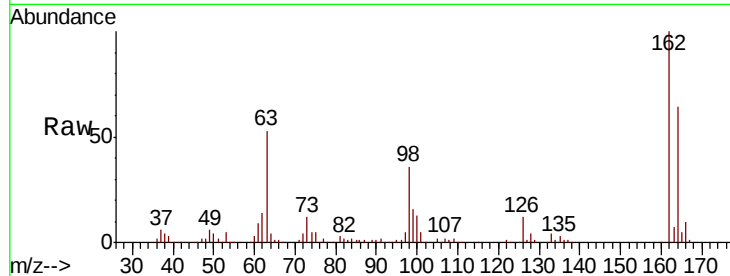




#29
 2,4-Dichlorophenol
 Concen: 41.287 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

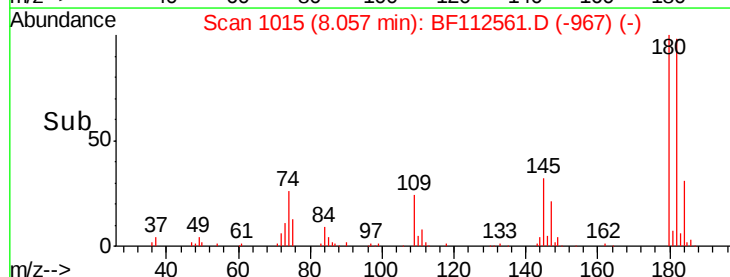
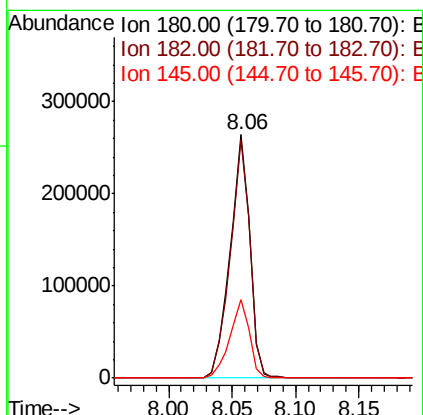
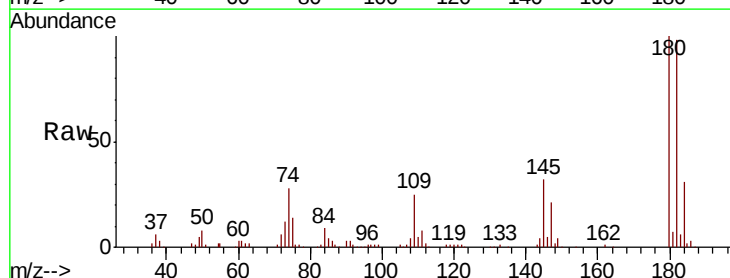
Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

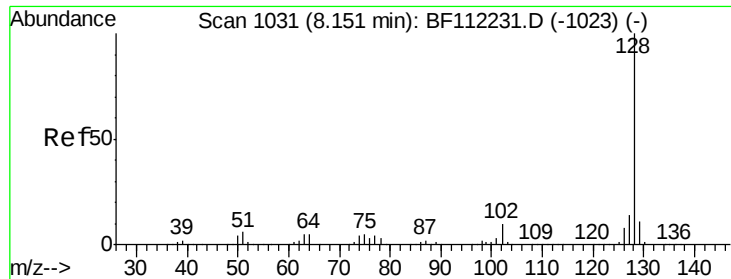
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	35.9	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 38.814 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.4	114.6
145	32.2	25.0	37.4

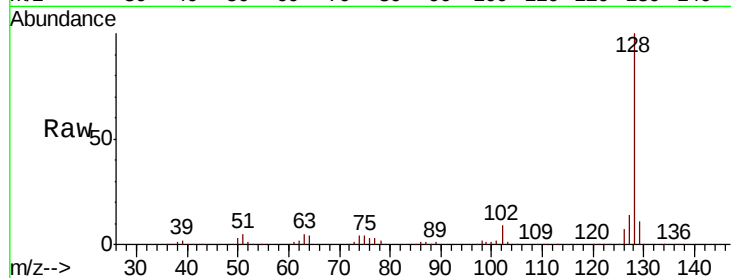




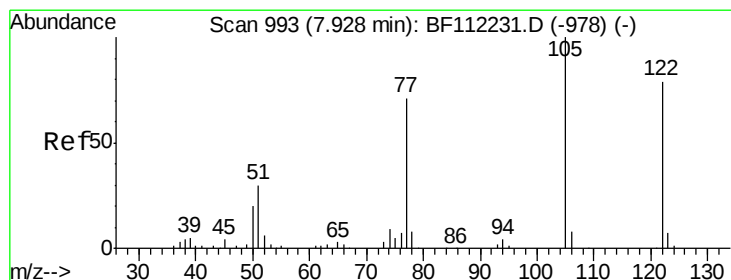
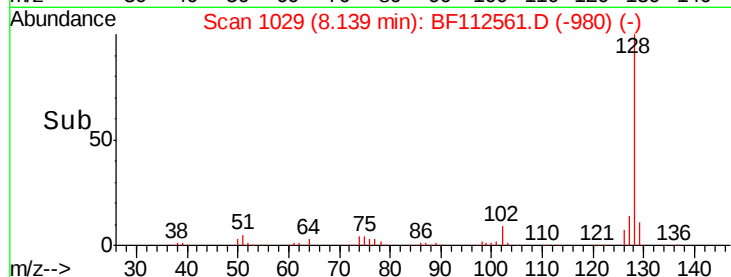
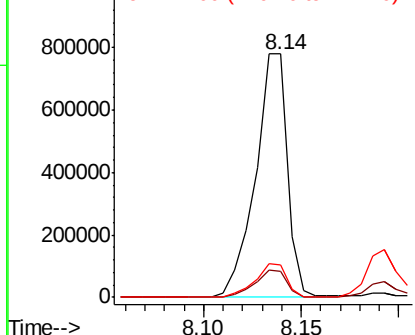
#31
Naphthalene
Concen: 43.018 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:128 Resp: 892778
Ion Ratio Lower Upper
128 100
129 10.7 9.6 14.4
127 13.5 11.1 16.7

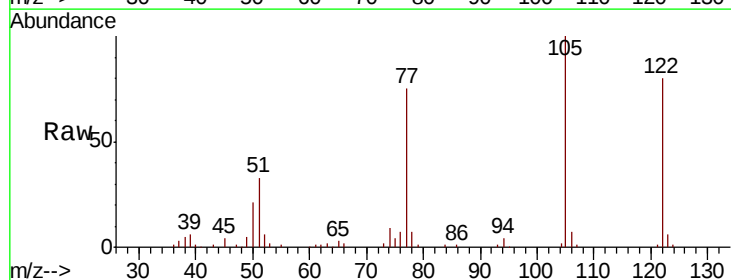


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

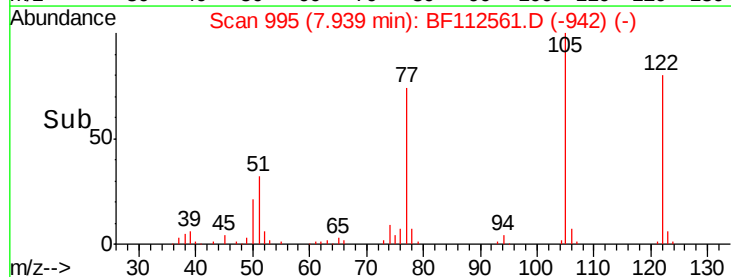
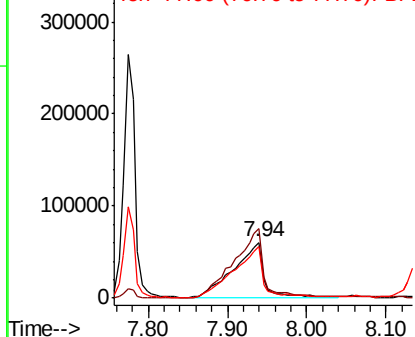


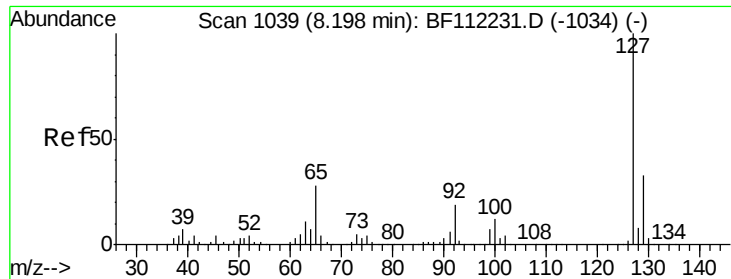
#32
Benzoic acid
Concen: 48.485 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:122 Resp: 156640
Ion Ratio Lower Upper
122 100
105 124.6 101.2 141.2
77 92.9 70.4 110.4



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

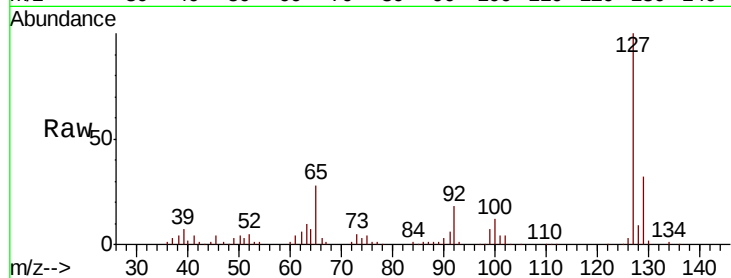




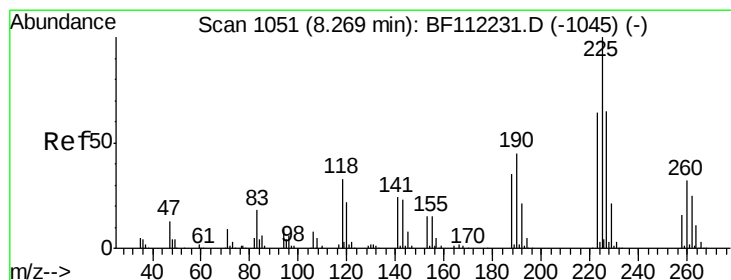
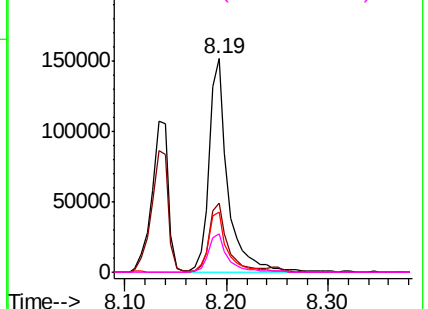
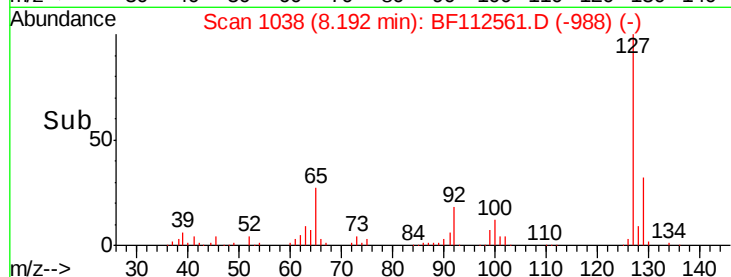
#33
4-Chloroaniline
Concen: 21.385 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:	127	Resp:	193252
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	28.2	21.4	32.2
92	17.7	14.2	21.2

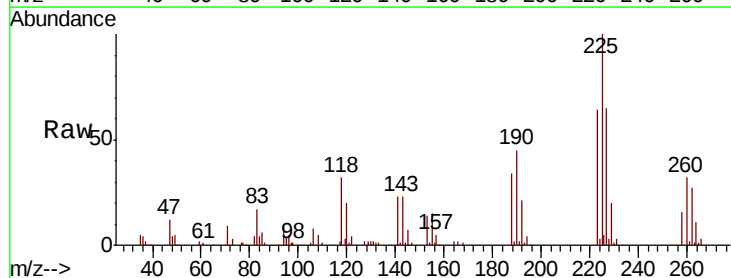


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

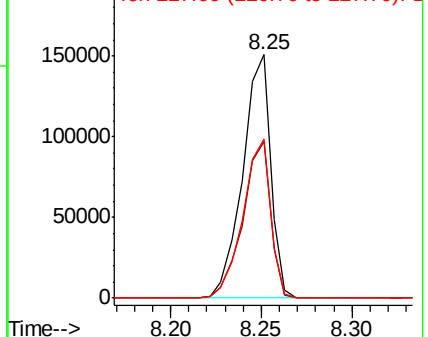
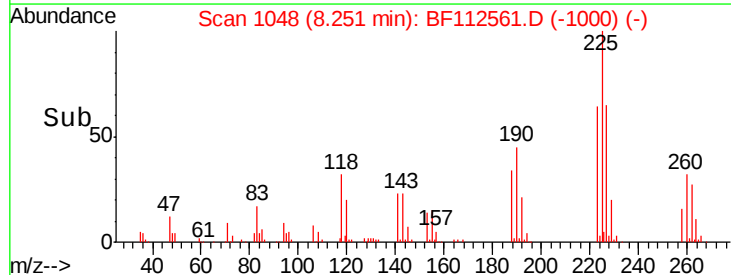


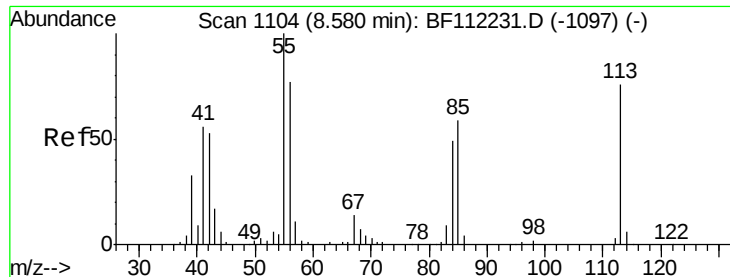
#34
Hexachlorobutadiene
Concen: 37.940 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:	225	Resp:	162202
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.3	75.5
227	65.2	51.8	77.8



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

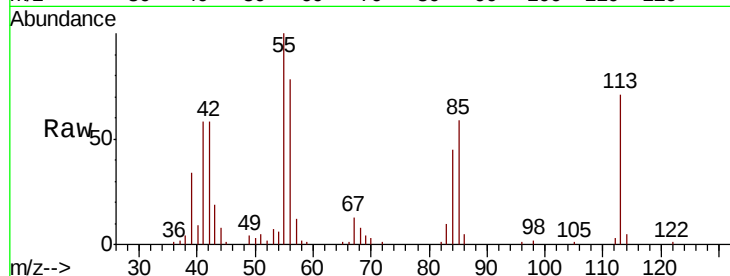




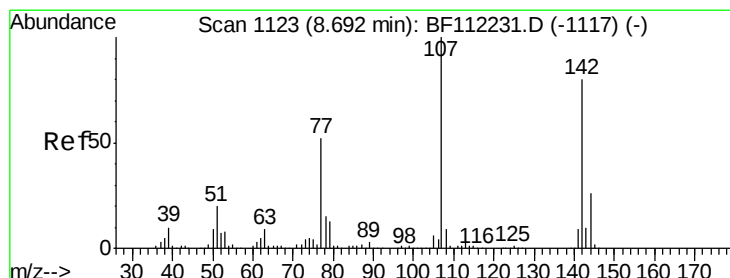
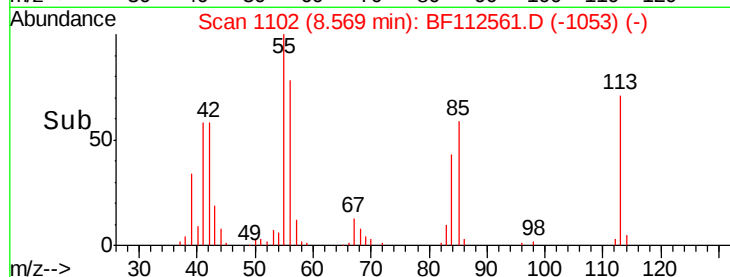
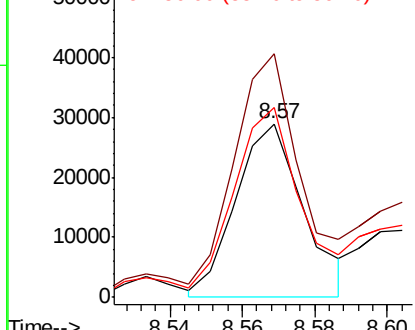
#35
Caprolactam
Concen: 16.717 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:113 Resp: 37379
Ion Ratio Lower Upper
113 100
55 140.2 121.6 161.6
56 109.1 86.7 126.7

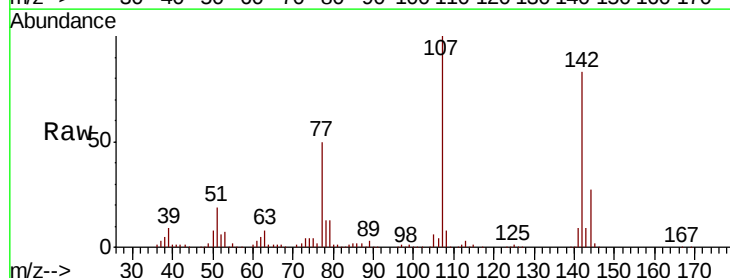


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

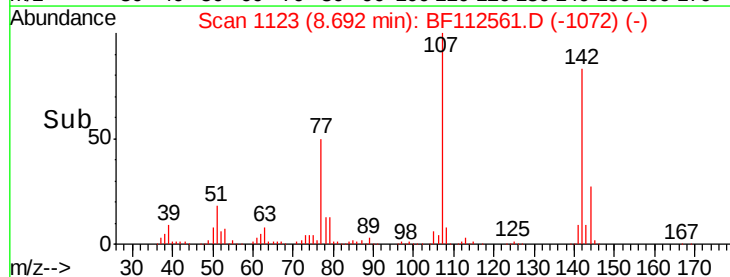
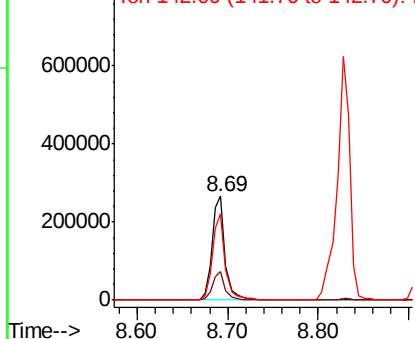


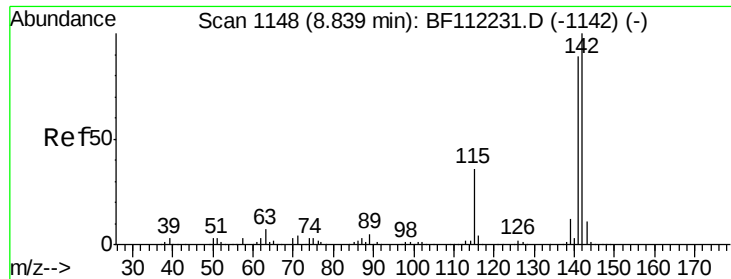
#36
4-Chloro-3-methylphenol
Concen: 40.331 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:107 Resp: 270609
Ion Ratio Lower Upper
107 100
144 27.1 22.2 33.2
142 82.8 67.7 101.5



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

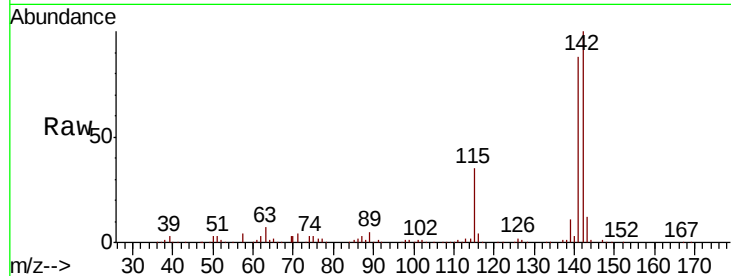




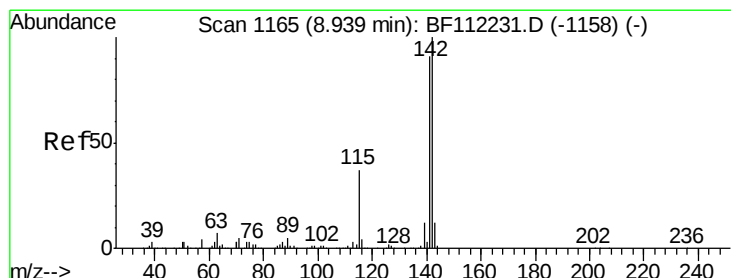
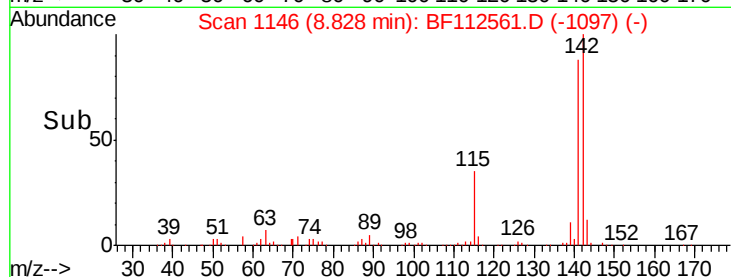
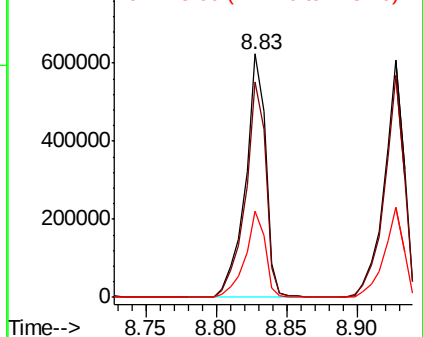
#37
2-Methylnaphthalene
Concen: 44.181 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:142 Resp: 627703
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3
115 35.5 24.9 37.3

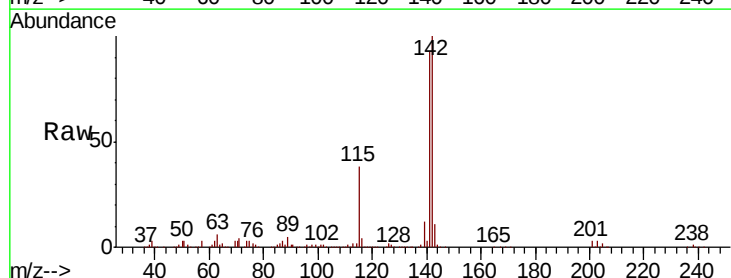


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

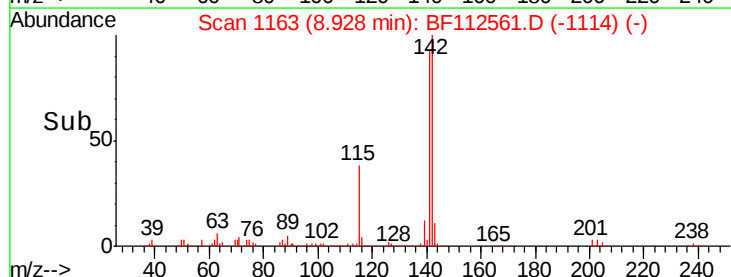
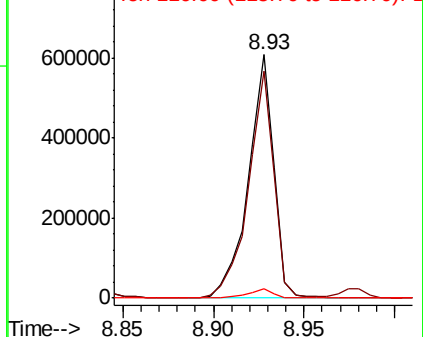


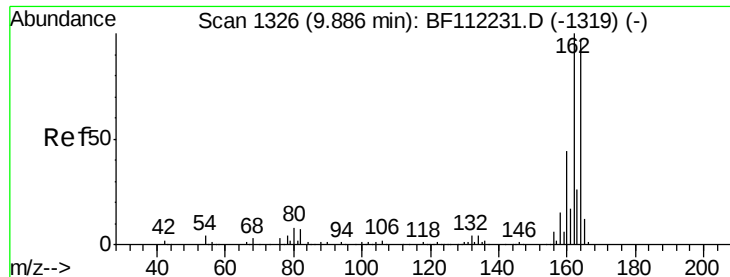
#38
1-Methylnaphthalene
Concen: 43.179 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:142 Resp: 588003
Ion Ratio Lower Upper
142 100
141 93.3 72.6 108.8
116 3.8 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

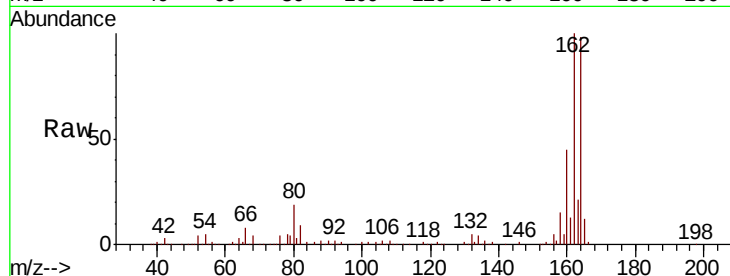




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	45.7	36.2	54.4

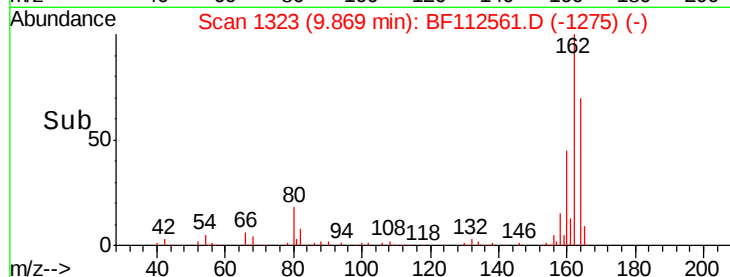
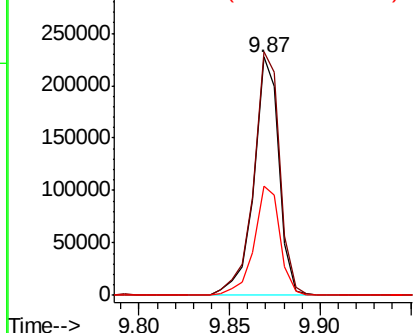


Abundance

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



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.644 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	22.2	16.9	25.3
108	19.3	14.2	21.4

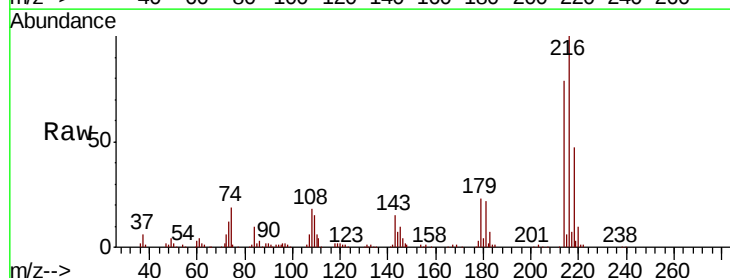
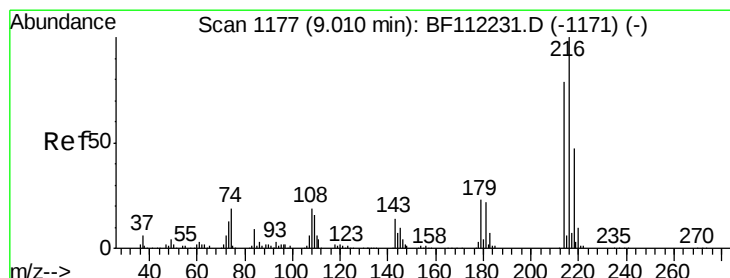
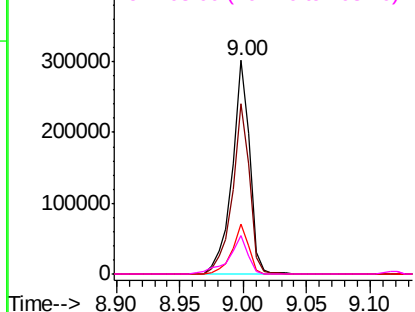
Abundance

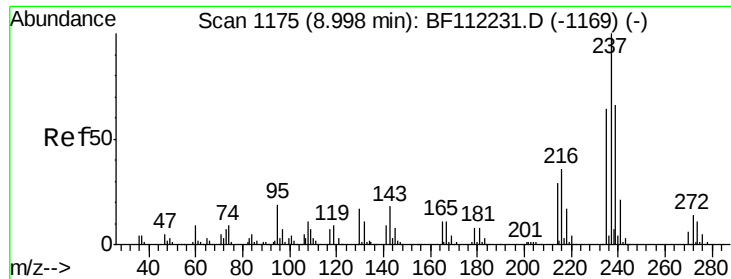
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 61.275 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

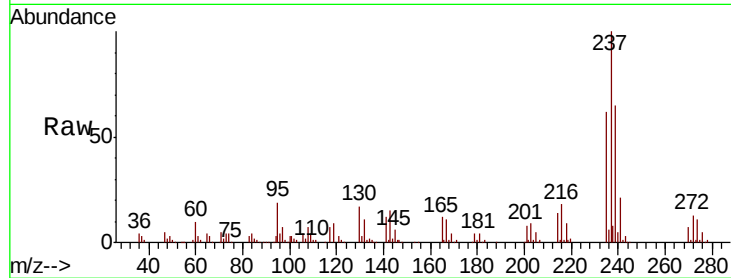
Tot Ion:237 Resp: 159790

Ion Ratio Lower Upper

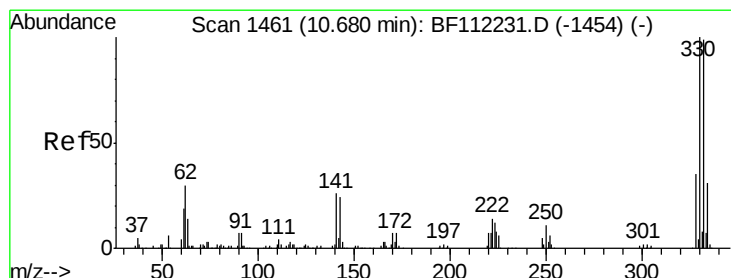
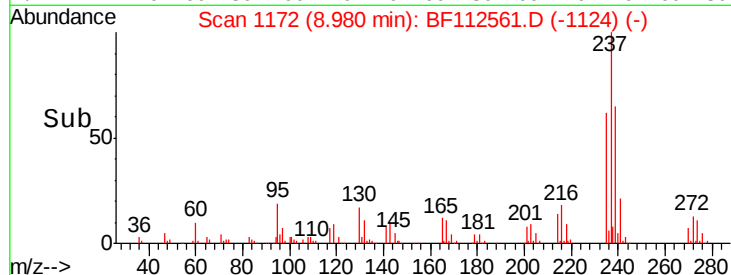
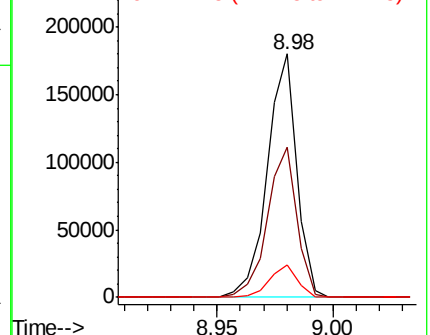
237 100

235 61.9 44.0 84.0

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



#42

2,4,6-Tribromophenol

Concen: 138.479 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

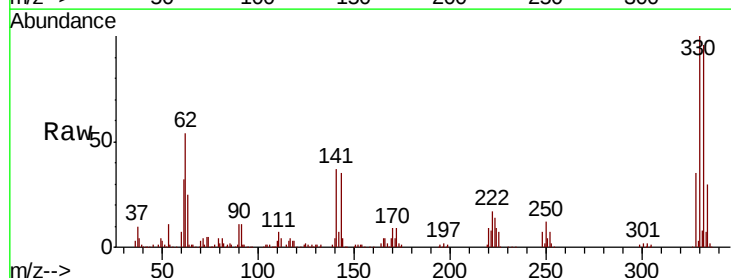
Tgt Ion:330 Resp: 352303

Ion Ratio Lower Upper

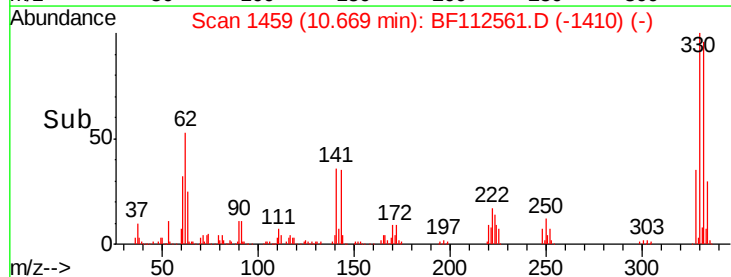
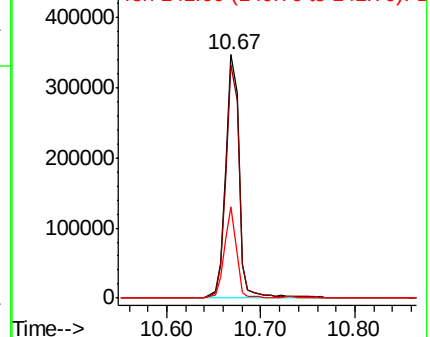
330 100

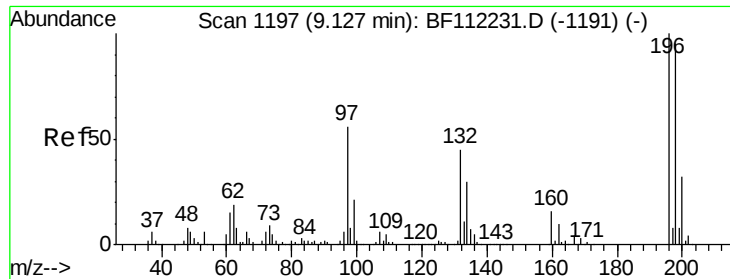
332 95.7 76.6 114.8

141 33.2 24.3 36.5



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

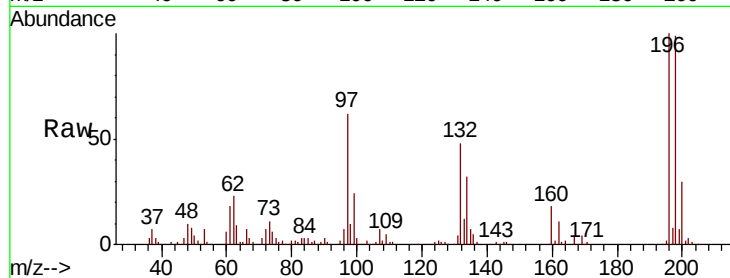




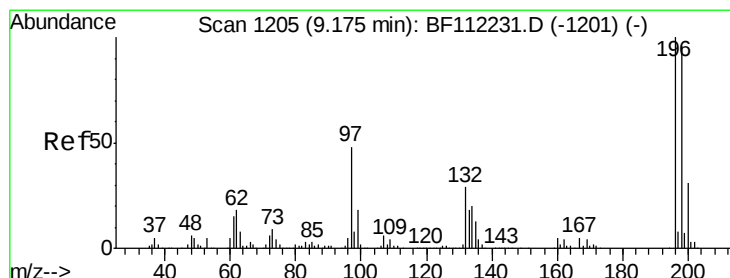
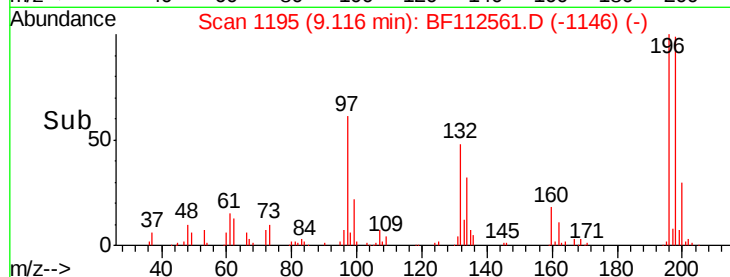
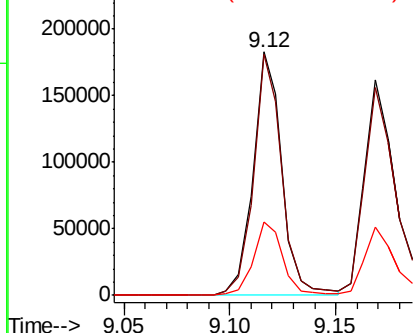
#43
 2,4,6-Trichlorophenol
 Concen: 39.194 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion:196 Resp: 173377
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.2 114.4
 200 30.3 24.3 36.5

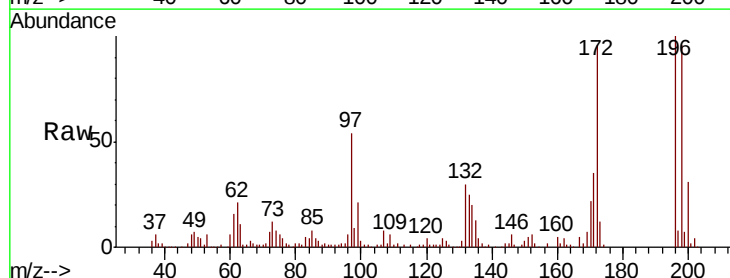


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

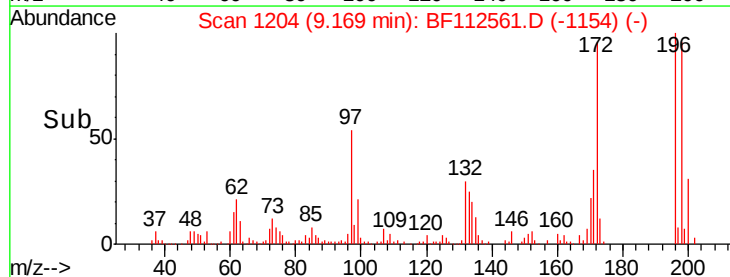
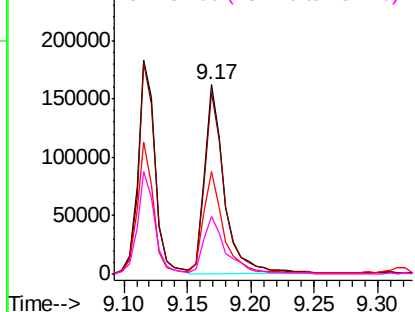


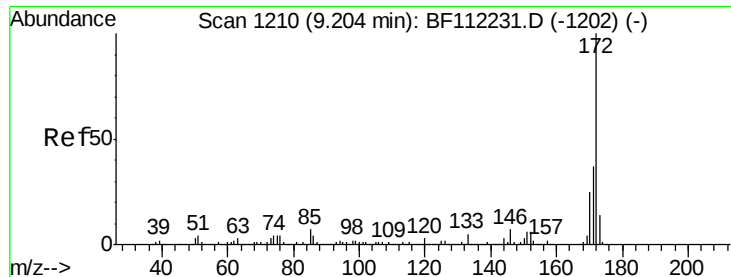
#44
 2,4,5-Trichlorophenol
 Concen: 38.132 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion:196 Resp: 176295
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.0 114.0
 97 54.4 36.4 54.6
 132 30.2 21.5 32.3



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





#45

2-Fluorobiphenyl

Concen: 80.031 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

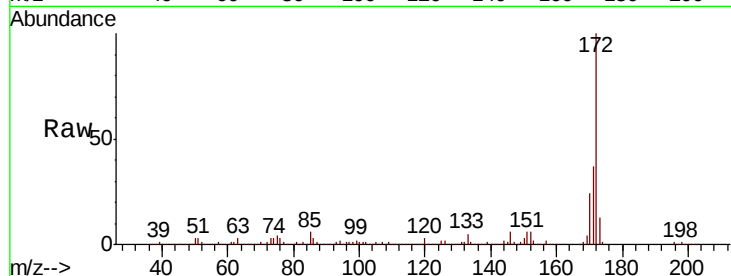
BNA_F

ClientSampleId :

PB117100BS

Tot Ion:172 Resp: 1236782

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.9	20.2	30.4

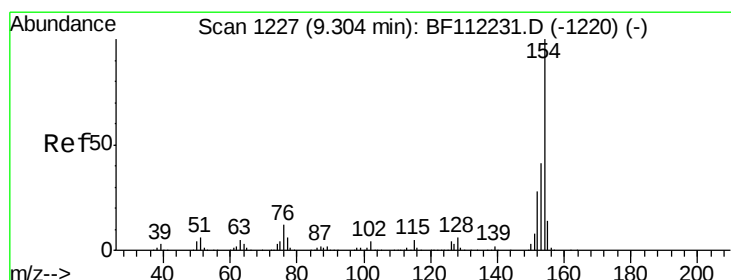
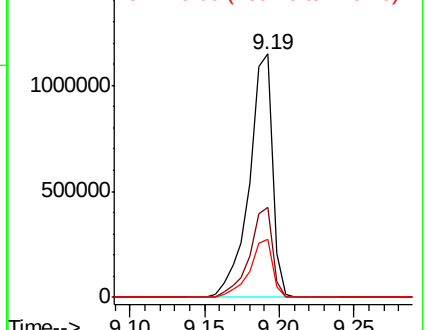
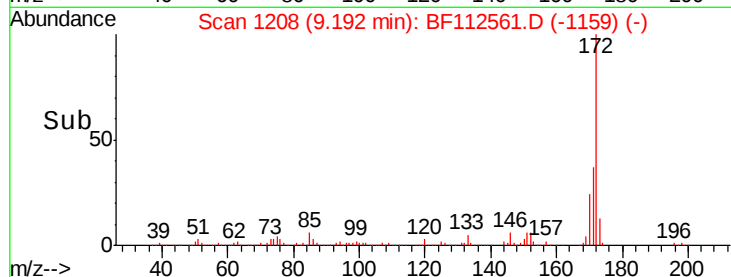


Abundance

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



#46

1,1'-Biphenyl

Concen: 40.381 ng

RT: 9.29 min Scan# 1225

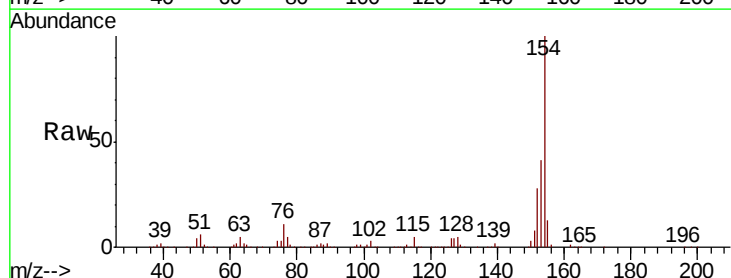
Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Tgt Ion:154 Resp: 771596

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.5	61.5
76	10.7	0.0	33.1

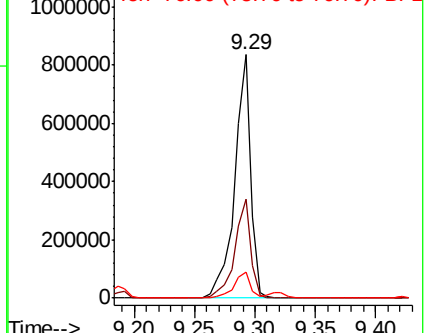
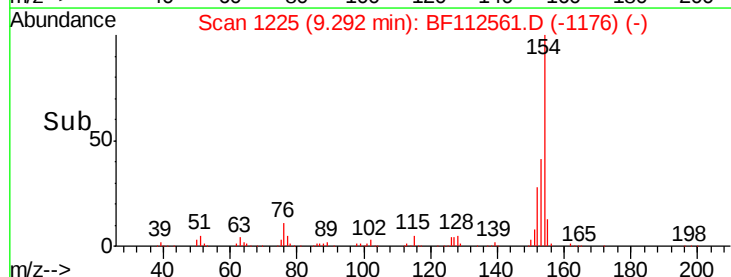


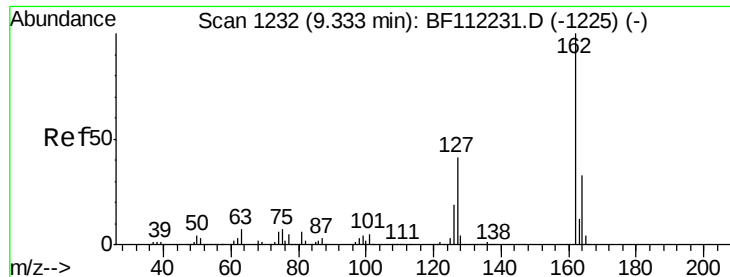
Abundance

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





#47

2-Chloronaphthalene

Concen: 39.090 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

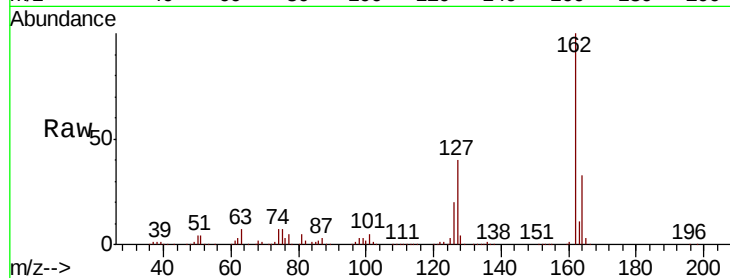
Tot Ion:162 Resp: 579227

Ion Ratio Lower Upper

162 100

127 40.4 30.4 45.6

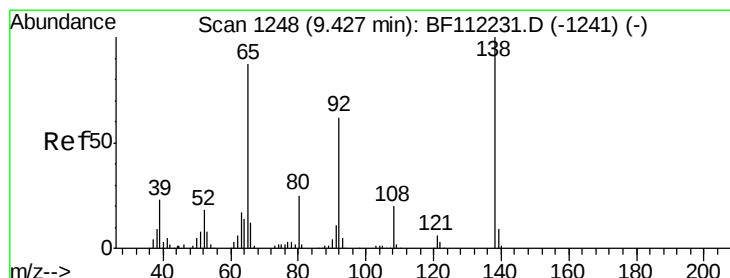
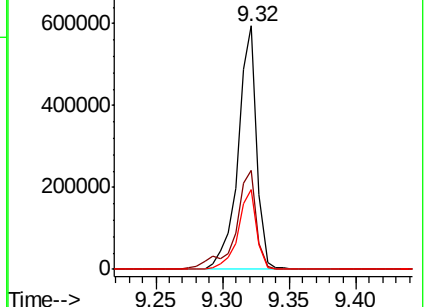
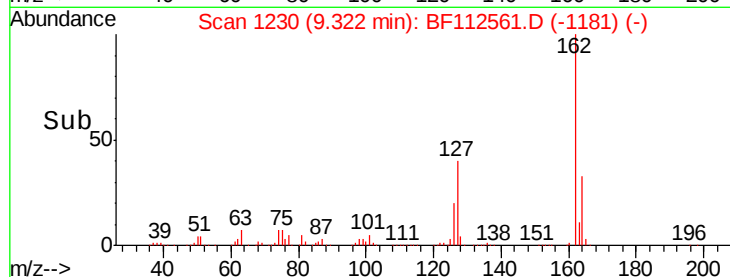
164 32.9 27.4 41.2



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



#48

2-Nitroaniline

Concen: 39.584 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

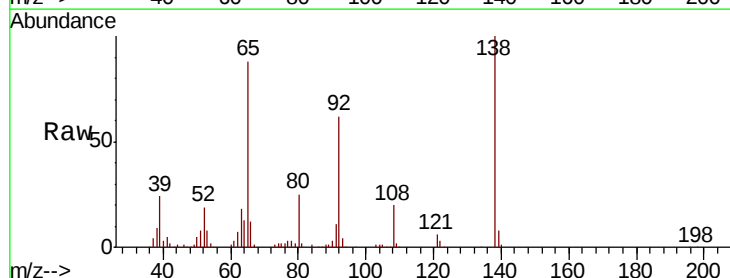
Tgt Ion: 65 Resp: 159870

Ion Ratio Lower Upper

65 100

92 70.6 60.4 90.6

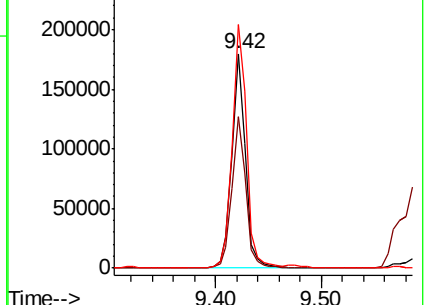
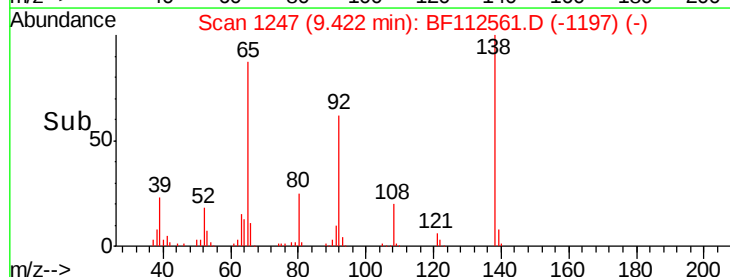
138 113.6 104.4 156.6

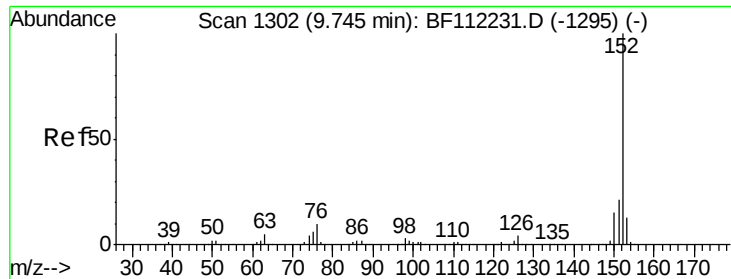


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.035 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

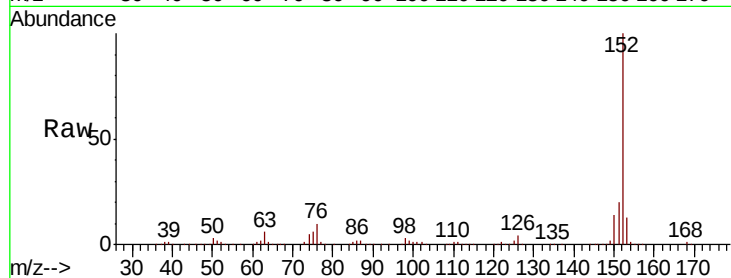
Tot Ion:152 Resp: 912922

Ion Ratio Lower Upper

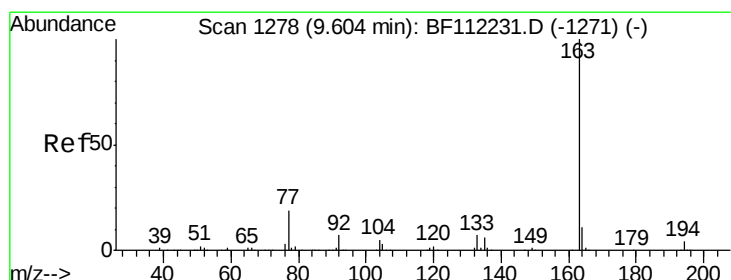
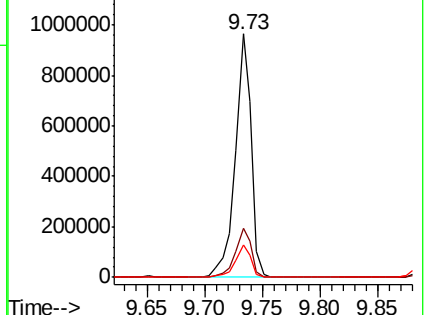
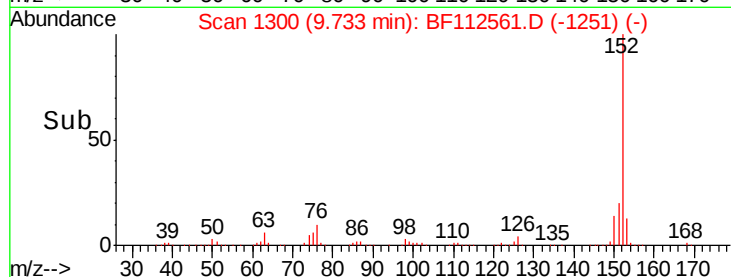
152 100

151 20.4 17.0 25.6

153 13.2 11.2 16.8



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



#50

Dimethylphthalate

Concen: 39.271 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

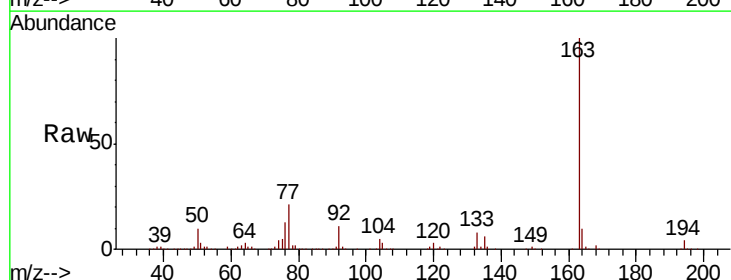
Tgt Ion:163 Resp: 666890

Ion Ratio Lower Upper

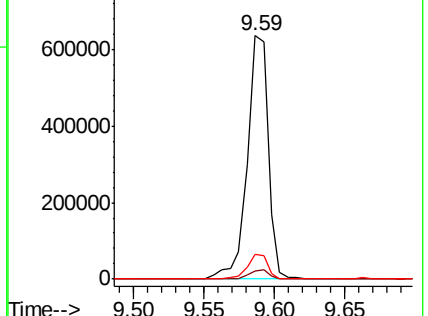
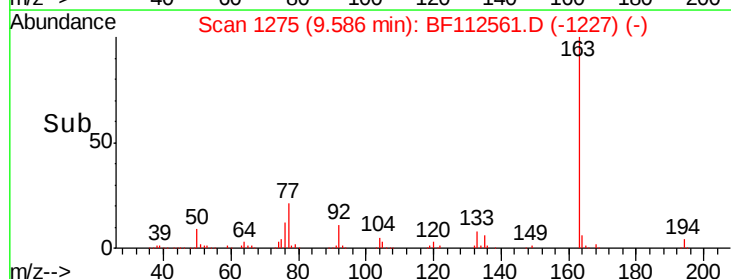
163 100

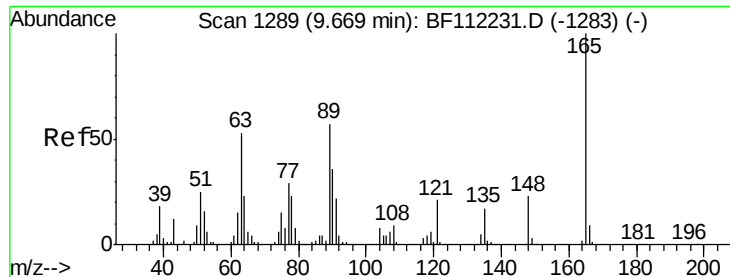
194 3.5 3.3 4.9

164 10.3 8.5 12.7



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

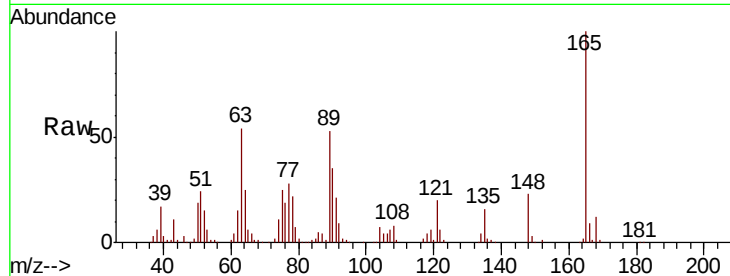




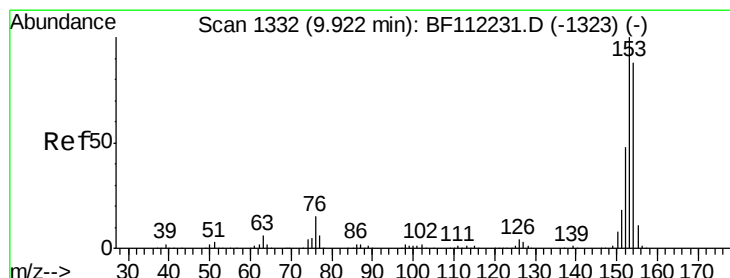
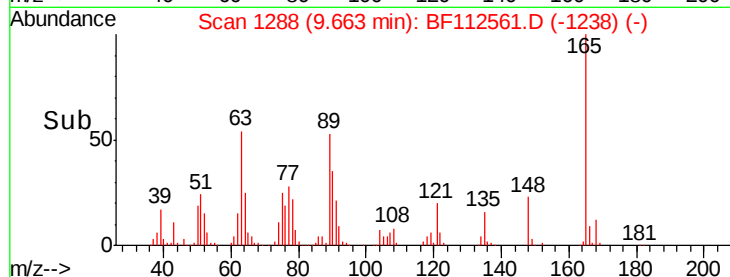
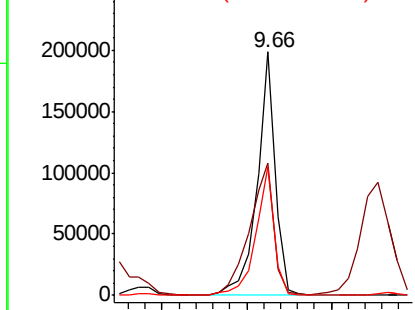
#51
 2,6-Dinitrotoluene
 Concen: 39.375 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion:165 Resp: 149754
 Ion Ratio Lower Upper
 165 100
 63 54.4 33.8 50.8#
 89 52.8 36.9 55.3

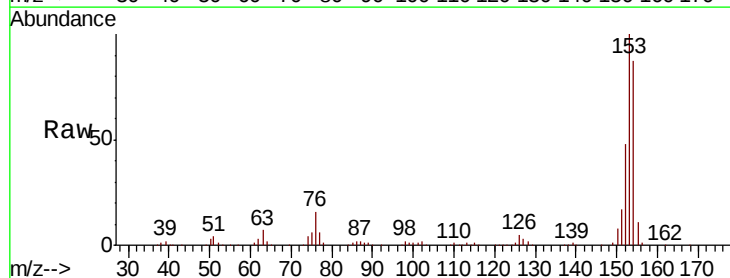


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

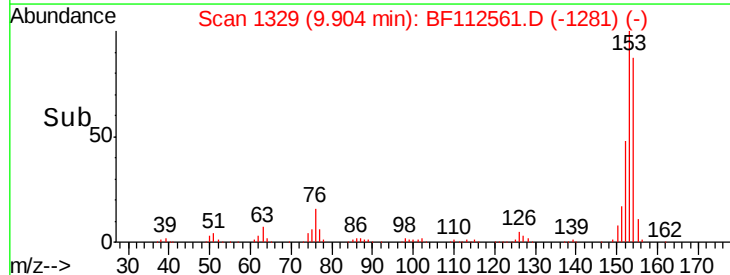
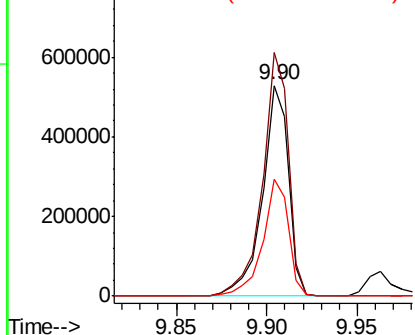


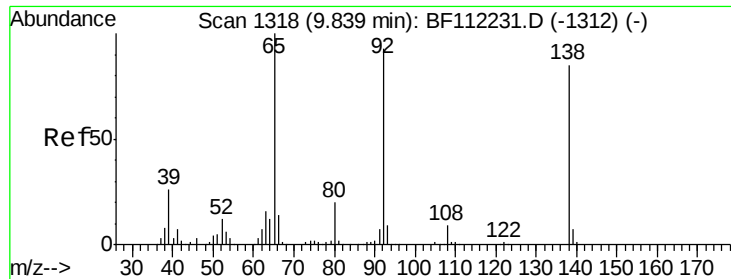
#52
 Acenaphthene
 Concen: 40.947 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion:154 Resp: 531245
 Ion Ratio Lower Upper
 154 100
 153 115.5 89.8 134.6
 152 55.3 43.5 65.3



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

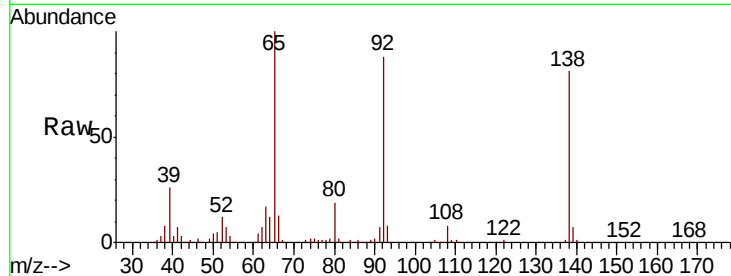




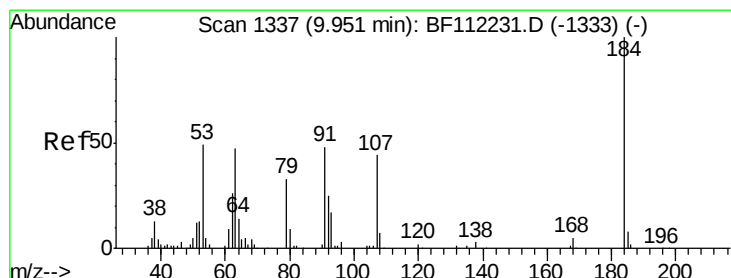
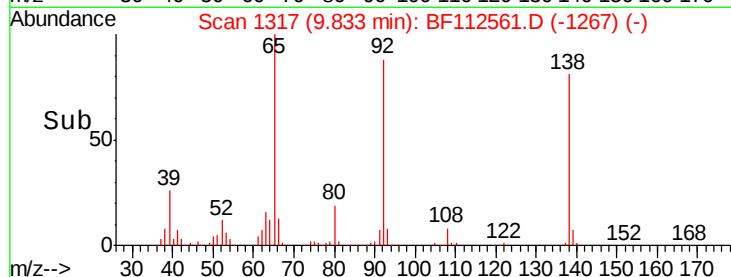
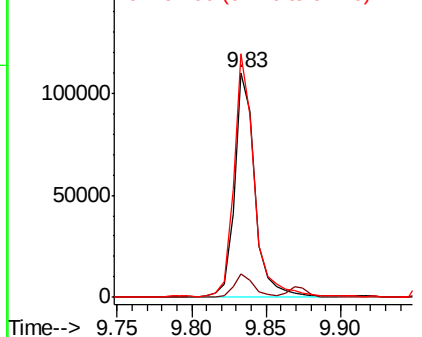
#53
3-Nitroaniline
Concen: 25.813 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:138 Resp: 106357
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 108.5 79.4 119.2

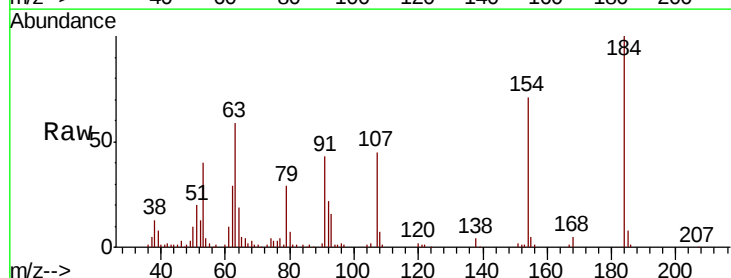


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

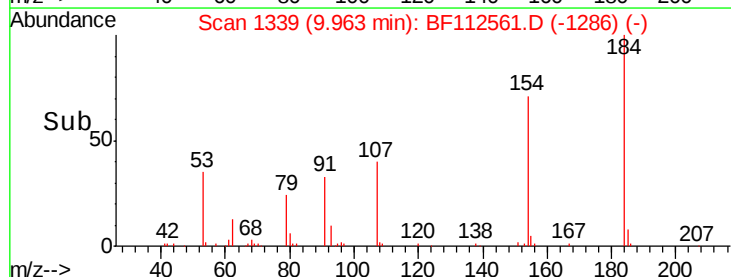
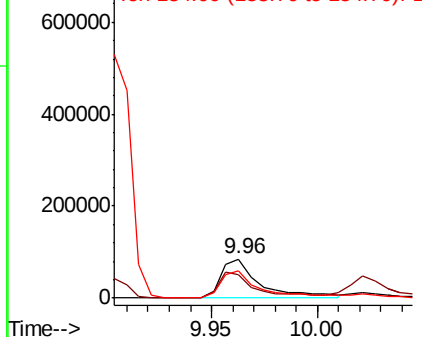


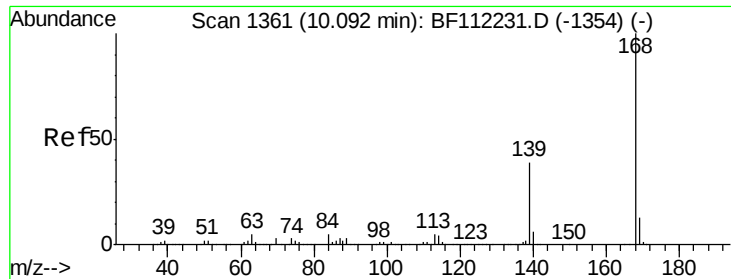
#54
2,4-Dinitrophenol
Concen: 89.385 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:184 Resp: 109100
Ion Ratio Lower Upper
184 100
63 58.7 47.1 70.7
154 70.9 48.9 73.3



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

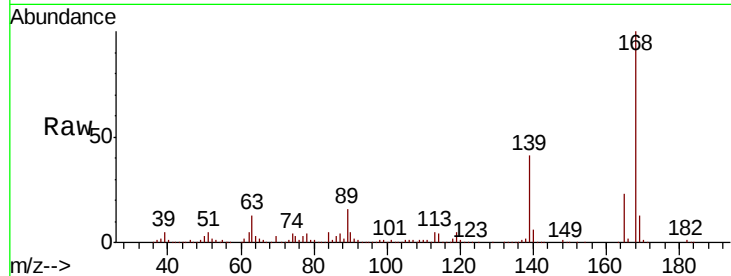




#55
Dibenzofuran
Concen: 39.789 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	29.2	43.8
169	13.2	11.4	17.0

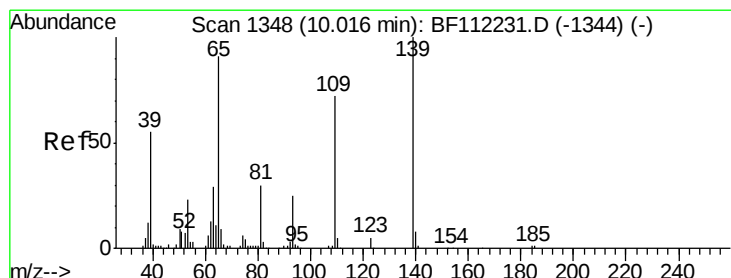
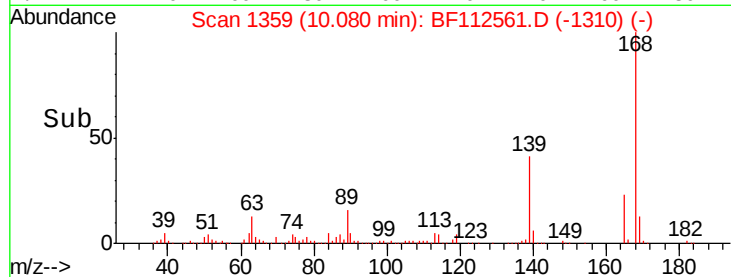
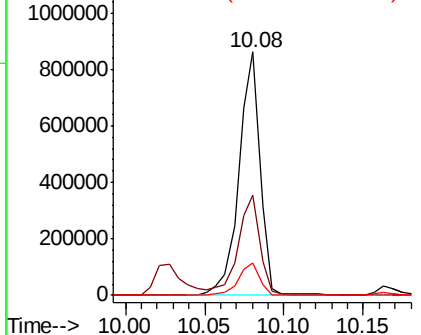


Abundance

Ion 168.00 (167.70 to 168.70): E

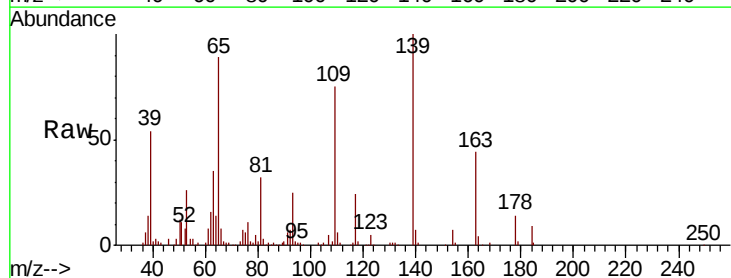
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 62.053 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.6	42.8	82.8
65	89.1	66.1	106.1

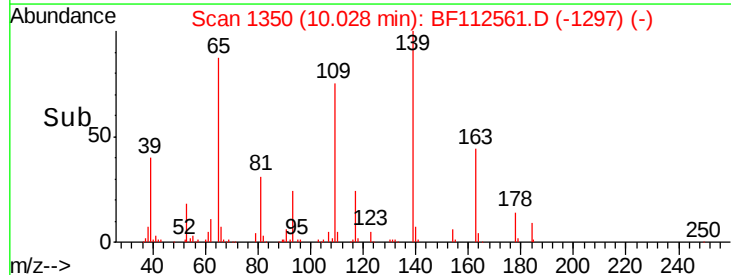
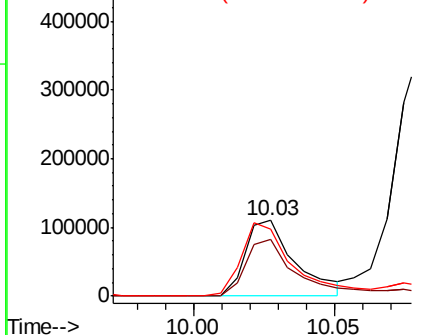


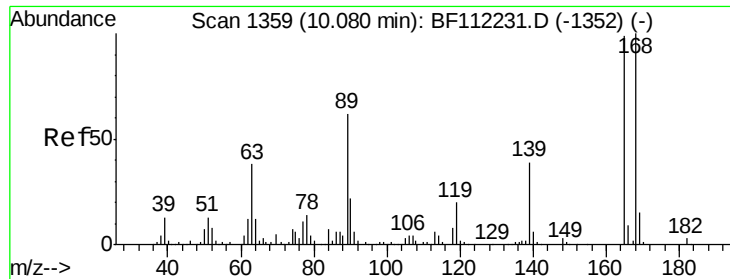
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

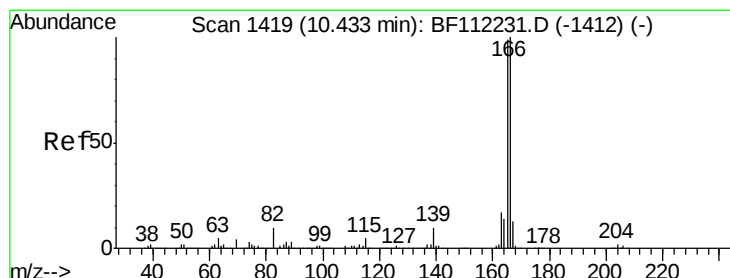
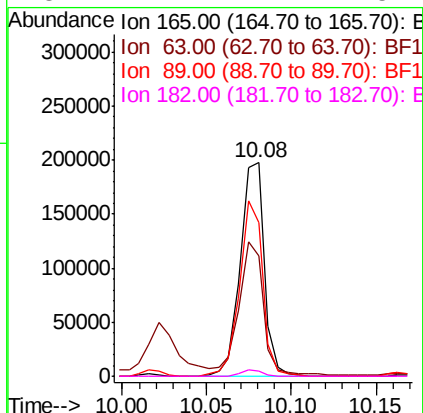
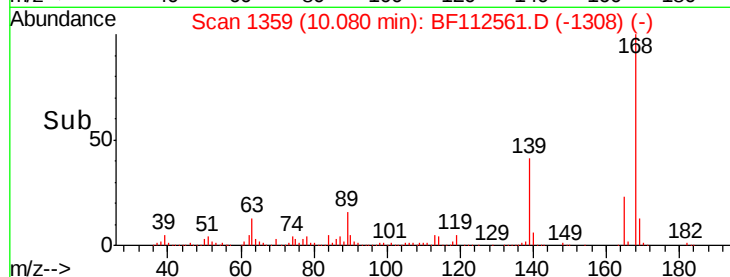
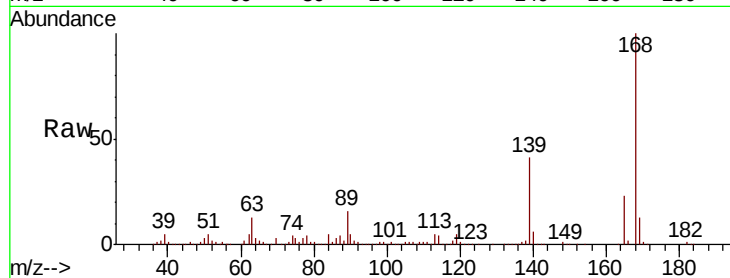




#57
2,4-Dinitrotoluene
Concen: 40.681 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

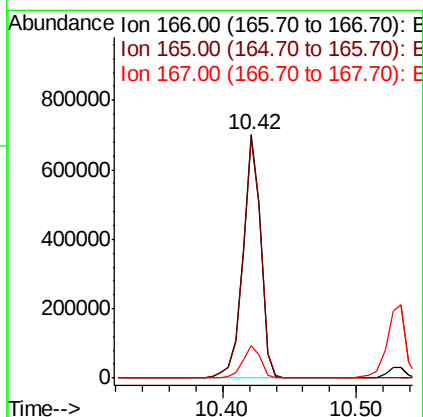
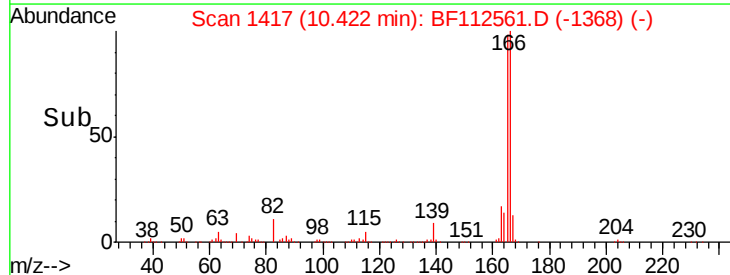
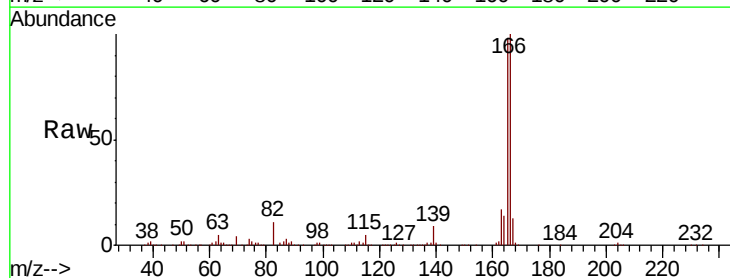
Instrument :
BNA_F
ClientSampleId :
PB117100BS

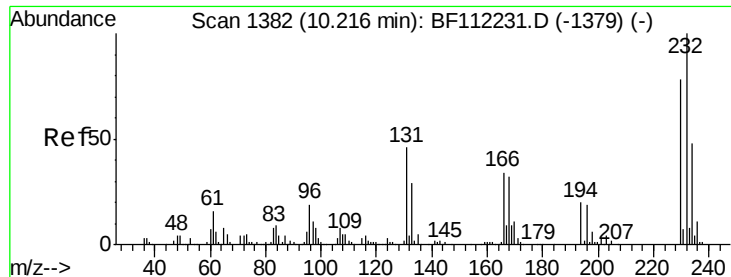
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	27.9	41.9#
89	71.7	47.9	71.9
182	2.7	2.2	3.4



#58
Fluorene
Concen: 43.330 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.1	115.7
167	13.3	11.3	16.9

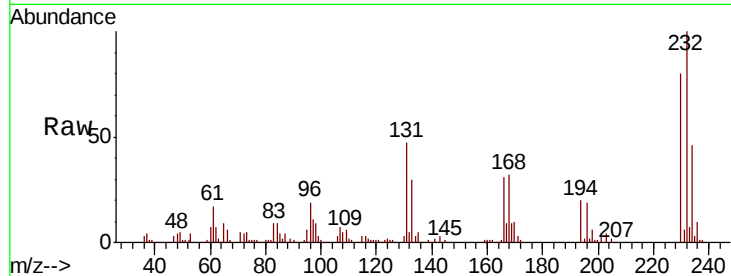




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.265 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	33.9	50.9
130	2.6	1.8	2.6
166	31.1	23.6	35.4



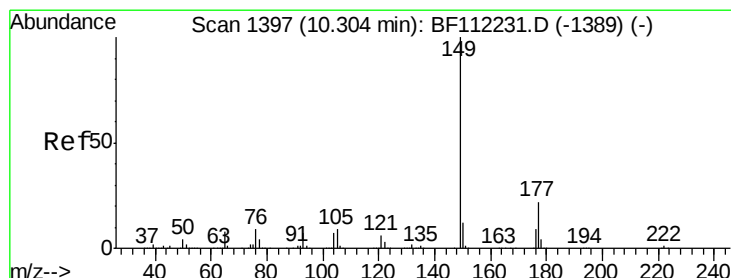
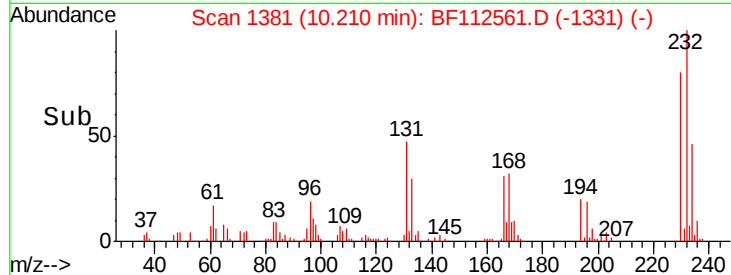
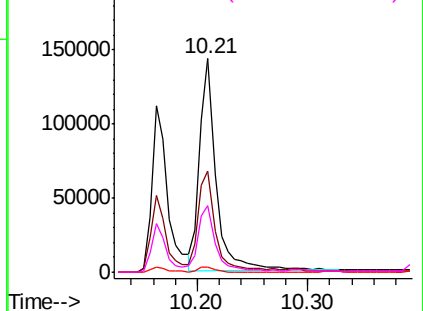
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

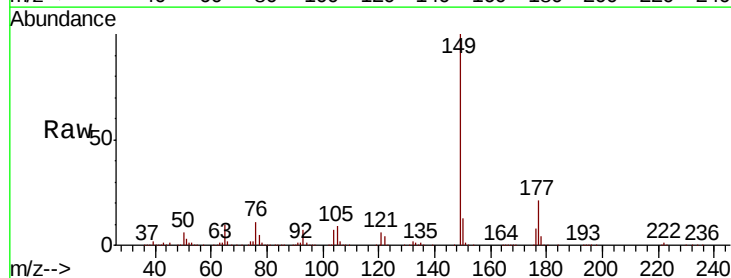
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.823 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.2	27.2
150	12.8	10.4	15.6

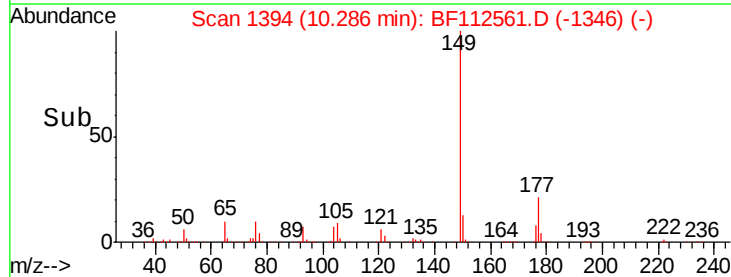
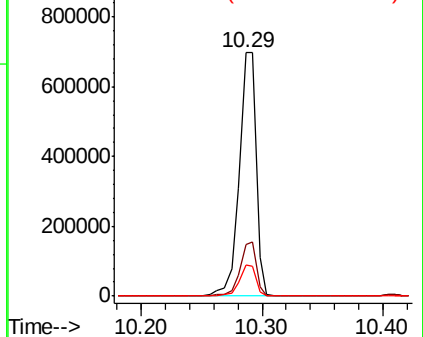


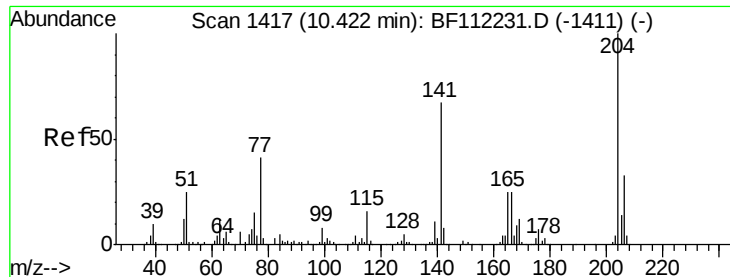
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 38.598 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

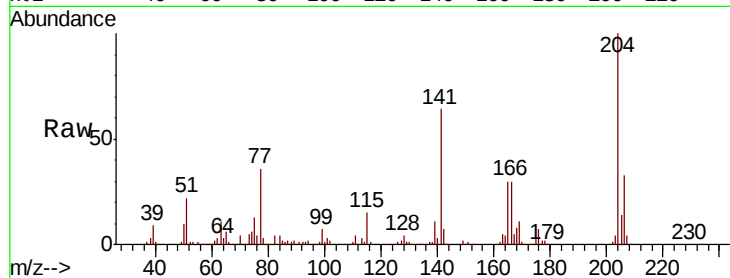
Tot Ion:204 Resp: 311514

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

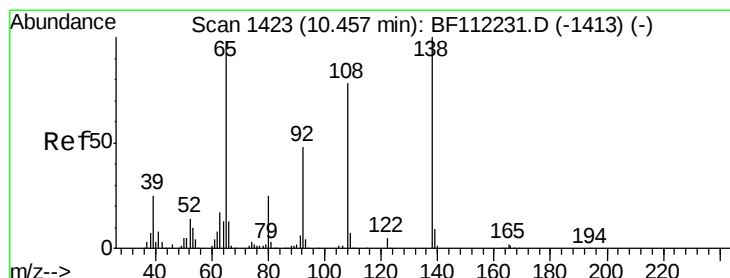
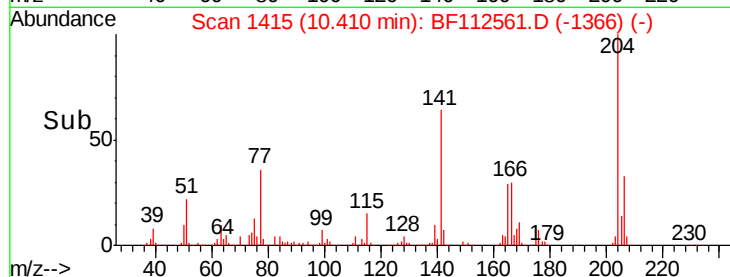
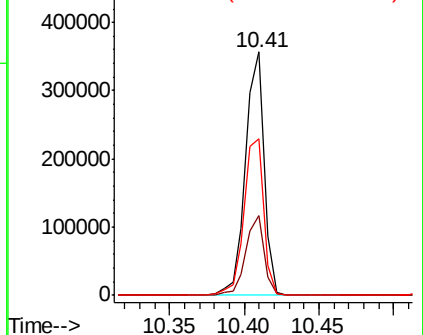
141 64.5 45.9 68.9



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 34.756 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

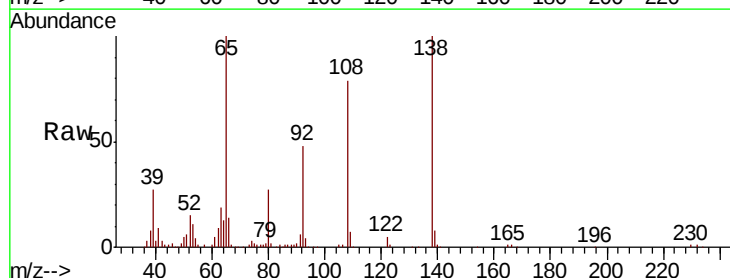
Tgt Ion:138 Resp: 140466

Ion Ratio Lower Upper

138 100

92 48.7 30.6 70.6

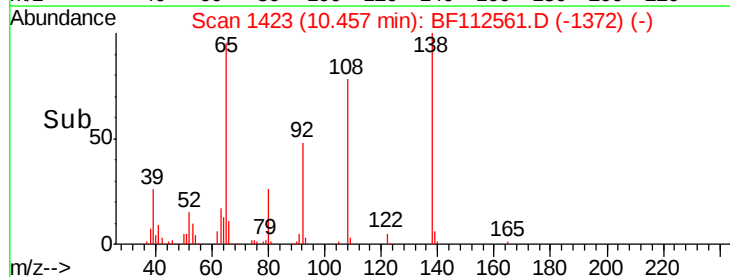
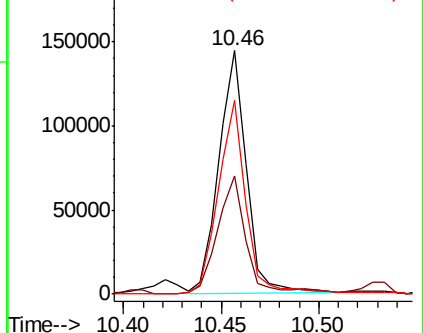
108 79.6 50.0 90.0

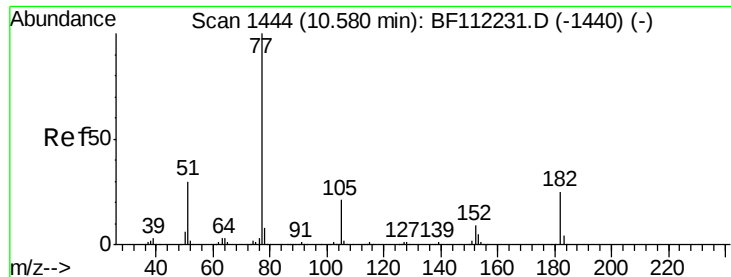


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

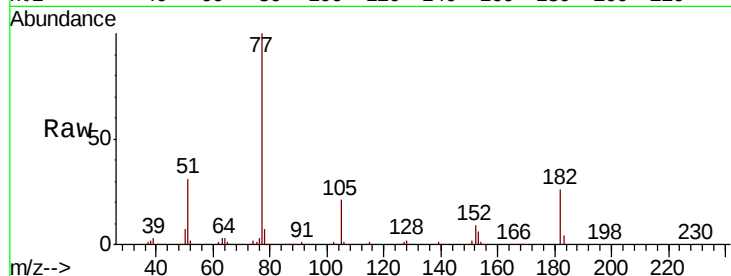




#63
Azobenzene
Concen: 40.427 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.7	45.7
105	20.8	1.4	41.4
51	30.5	9.5	49.5

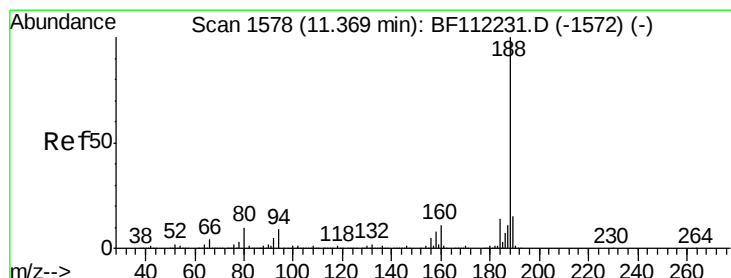
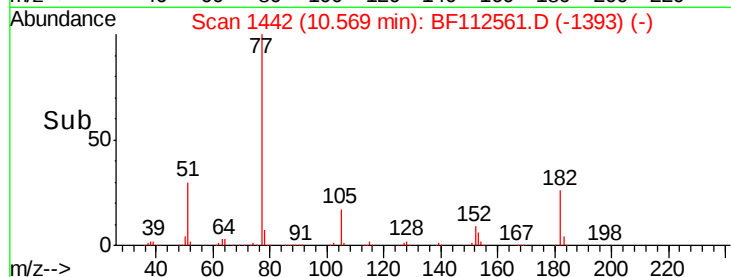
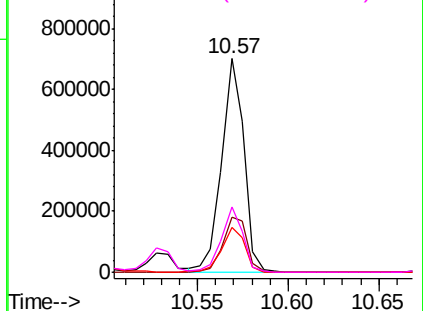


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

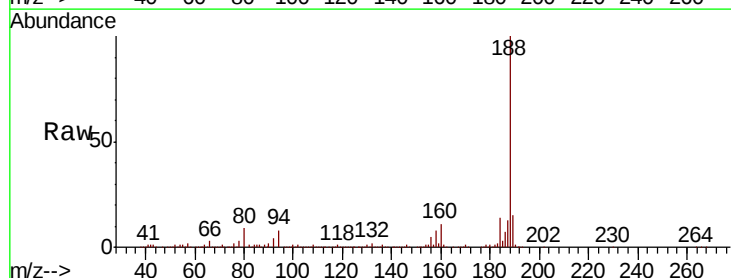
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

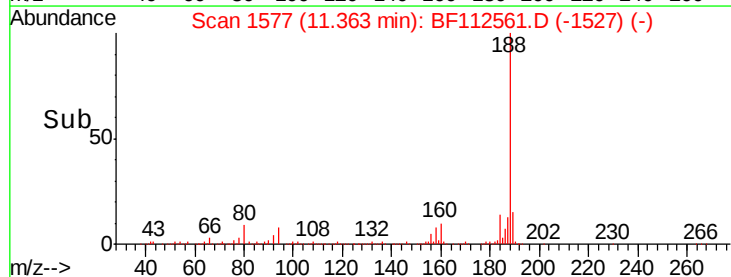
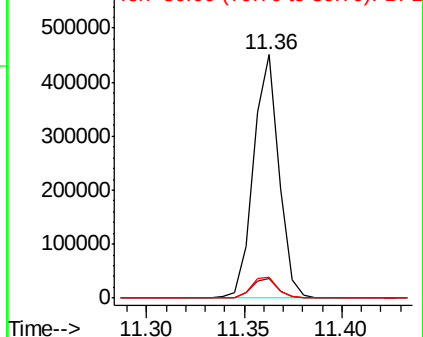
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.7	8.9	13.3#

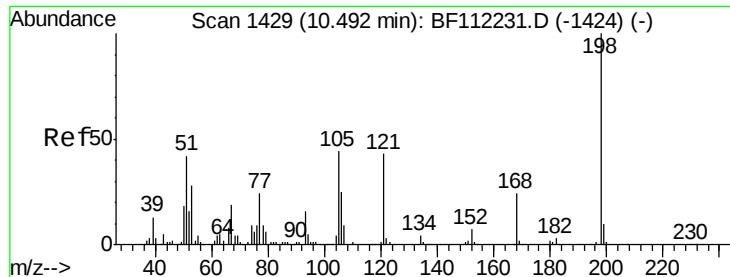


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

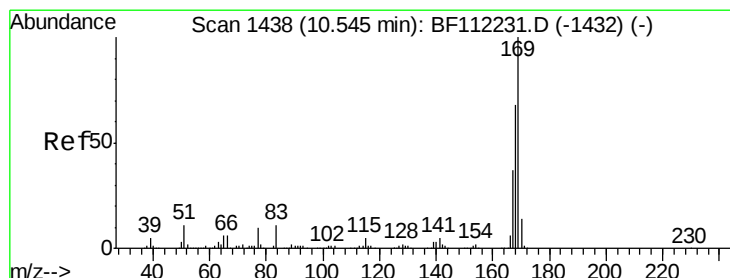
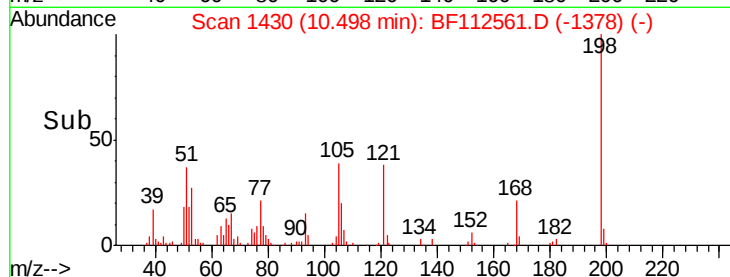
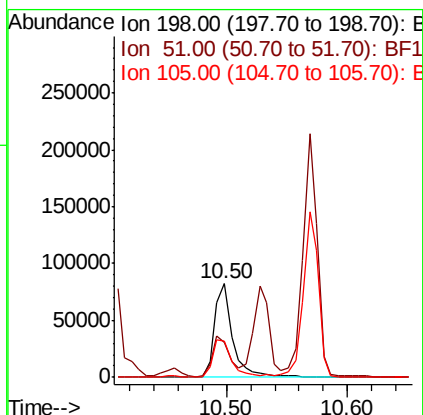
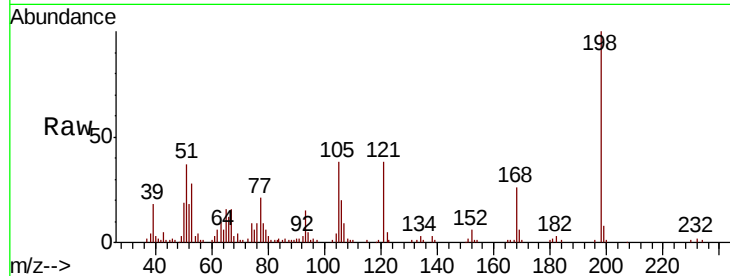




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.439 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

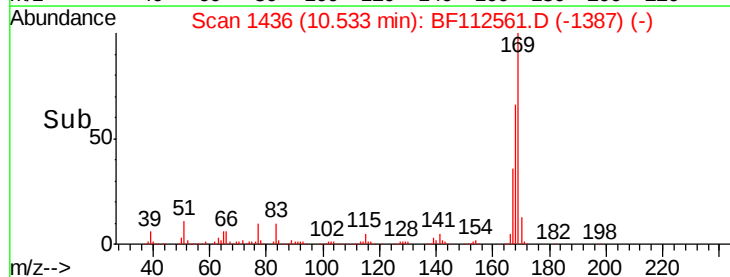
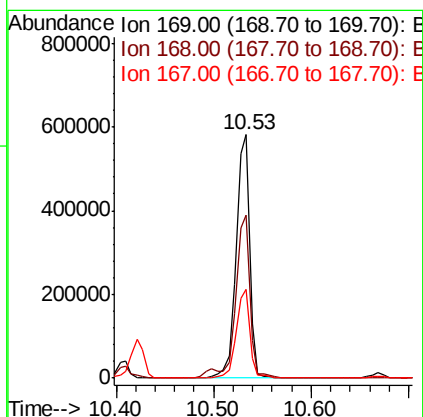
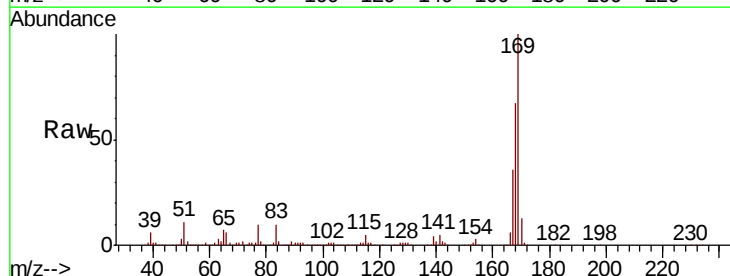
Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

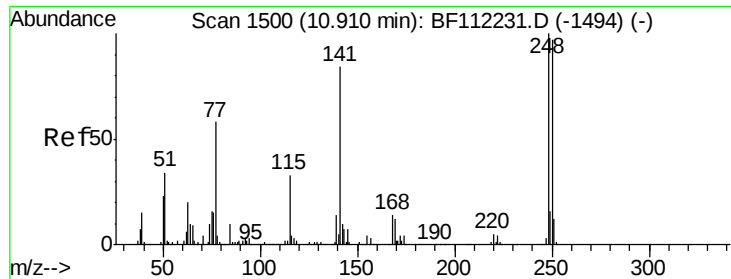
Tot Ion:198 Resp: 84997
 Ion Ratio Lower Upper
 198 100
 51 37.3 17.2 57.2
 105 38.2 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 41.056 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion:169 Resp: 560304
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.9 80.9
 167 36.4 28.9 43.3

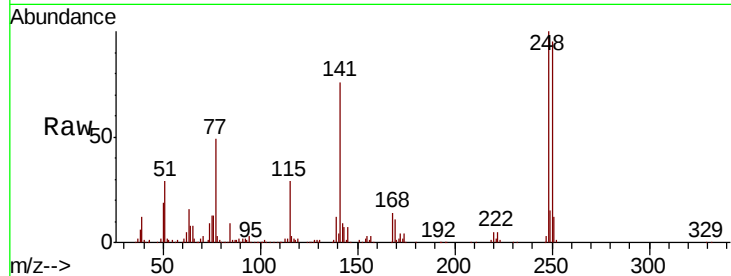




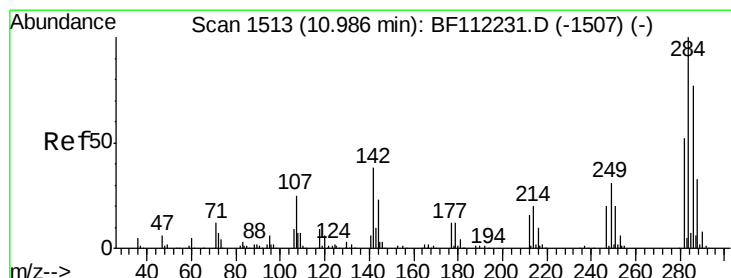
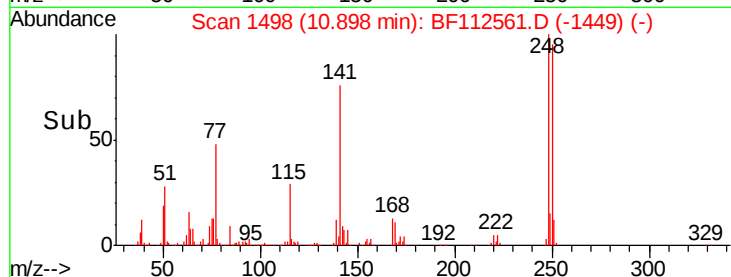
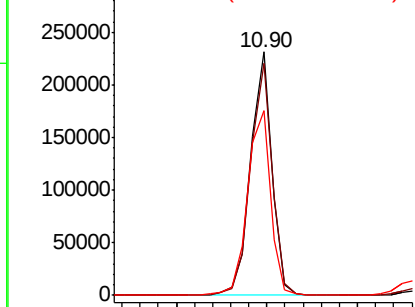
#67
4-Bromophenyl-phenylether
Concen: 39.875 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:248 Resp: 189907
Ion Ratio Lower Upper
248 100
250 95.4 79.7 119.5
141 76.1 60.3 90.5

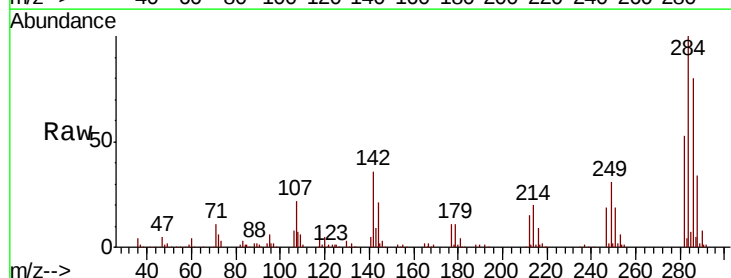


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

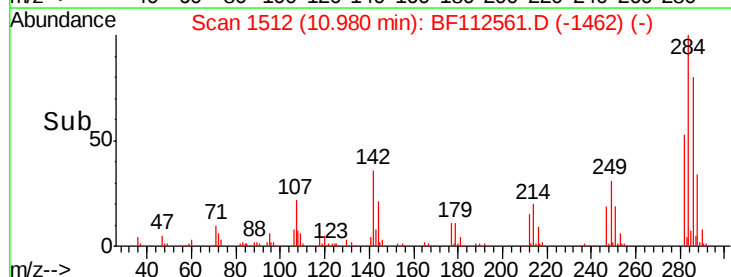
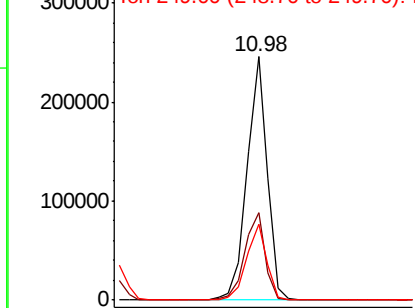


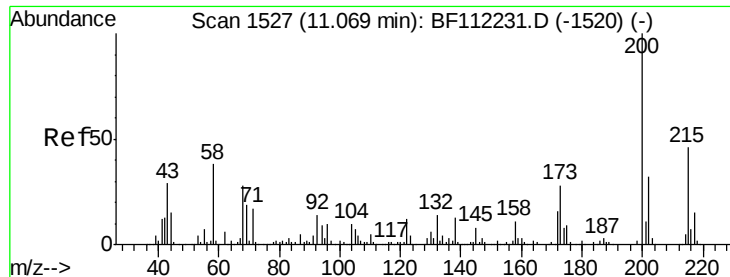
#68
Hexachlorobenzene
Concen: 40.370 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:284 Resp: 206278
Ion Ratio Lower Upper
284 100
142 36.1 27.6 41.4
249 31.1 24.1 36.1



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

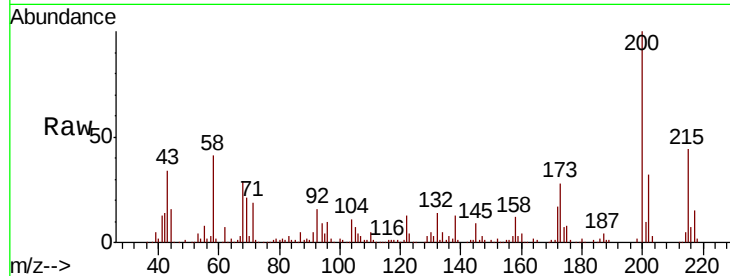




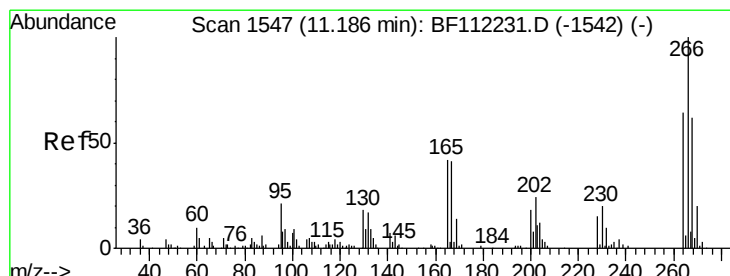
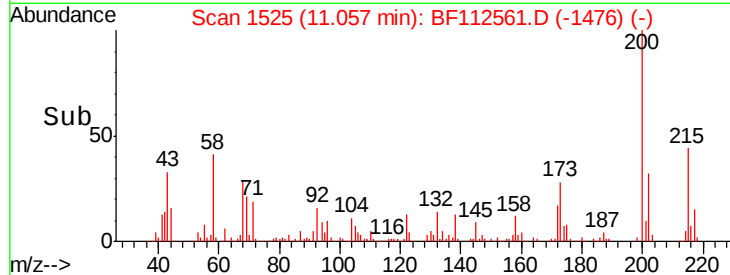
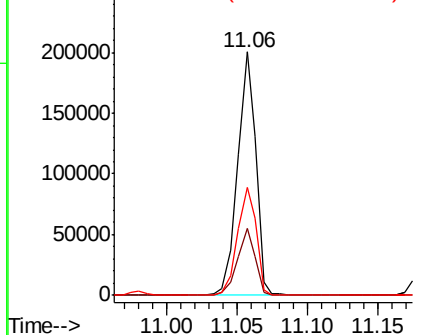
#69
Atrazine
Concen: 40.839 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:200 Resp: 179836
Ion Ratio Lower Upper
200 100
173 27.8 7.1 47.1
215 44.4 30.4 70.4

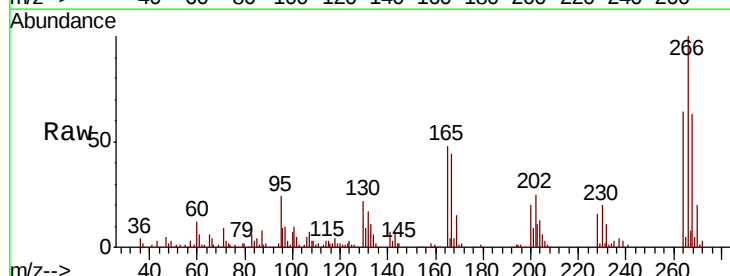


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

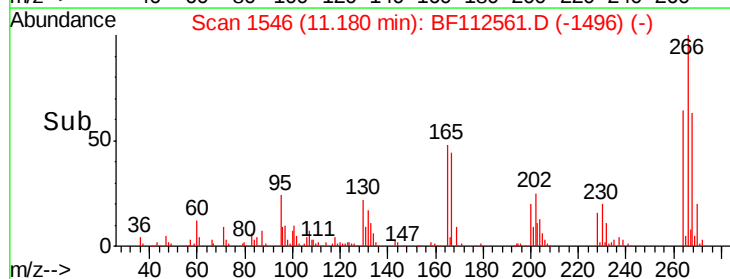
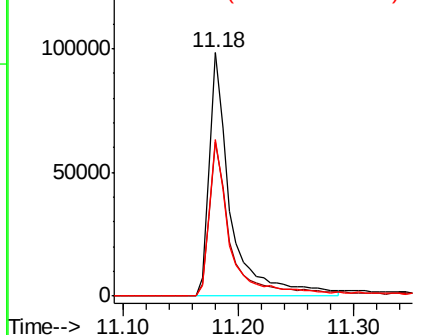


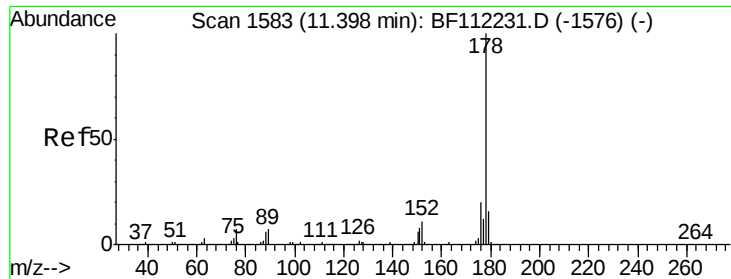
#70
Pentachlorophenol
Concen: 64.160 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:266 Resp: 127563
Ion Ratio Lower Upper
266 100
268 63.4 51.2 76.8
264 64.3 50.9 76.3



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

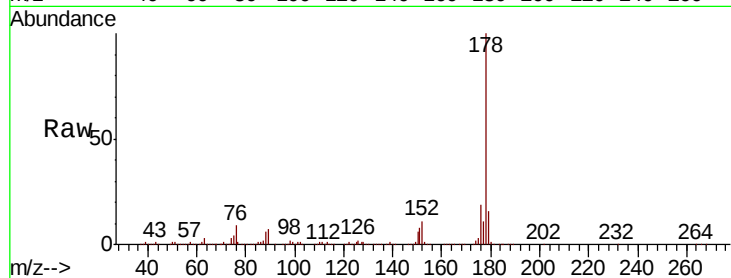




#71
Phenanthrene
Concen: 42.710 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.6	13.0	19.4

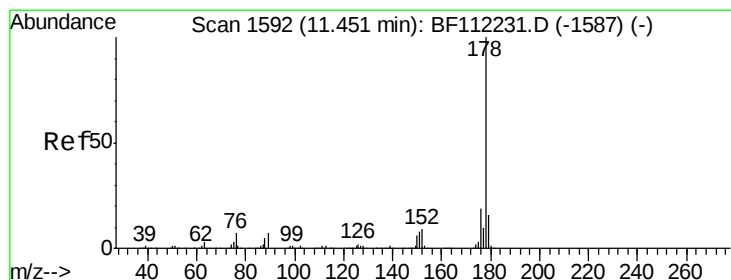
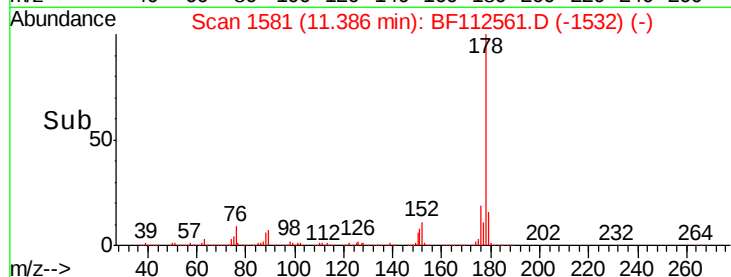
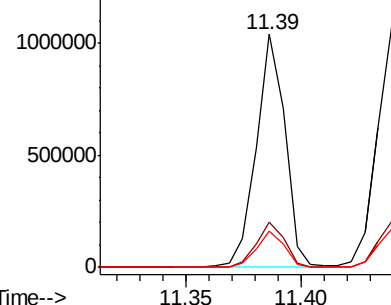


Abundance

Ion 178.00 (177.70 to 178.70): E

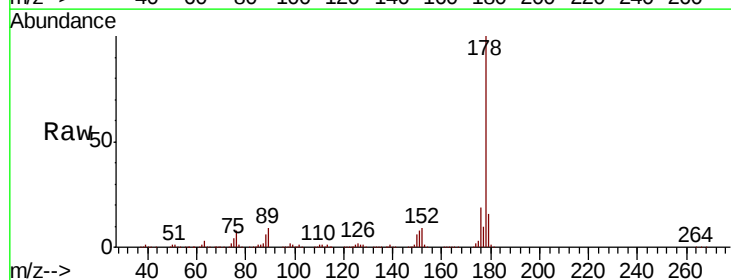
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 44.480 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.9	12.8	19.2

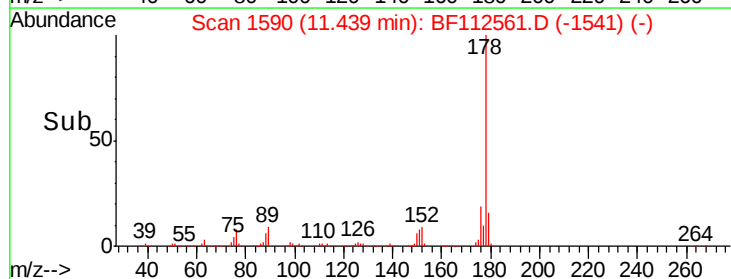
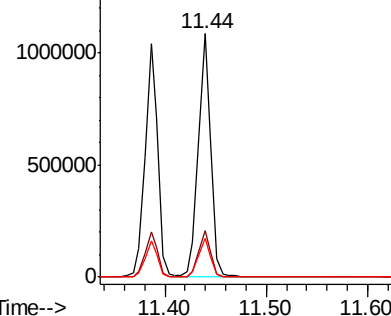


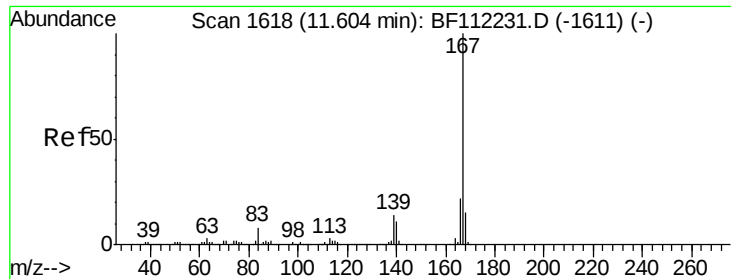
Abundance

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

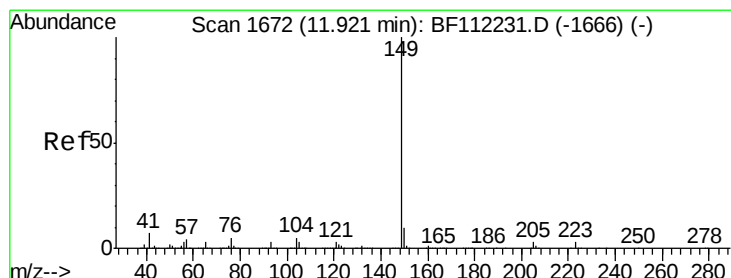
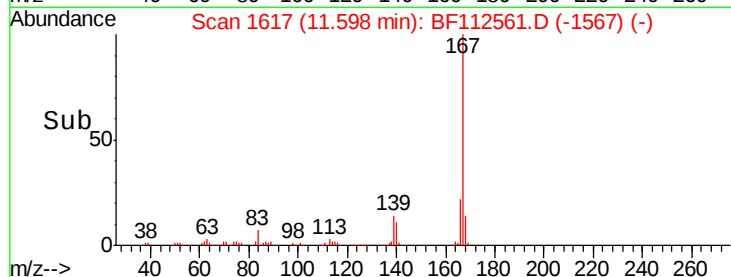
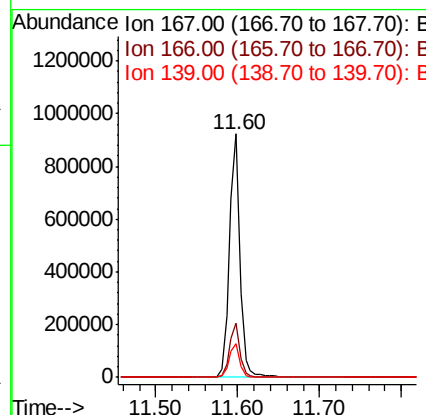
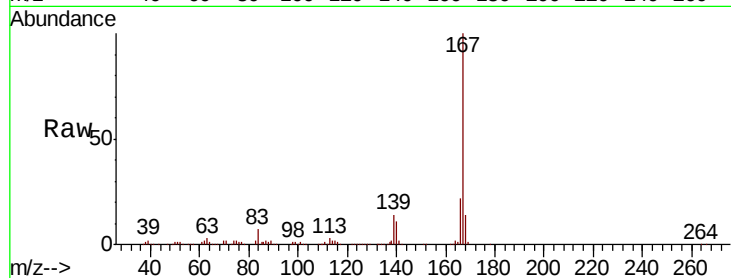




#73
 Carbazole
 Concen: 39.865 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

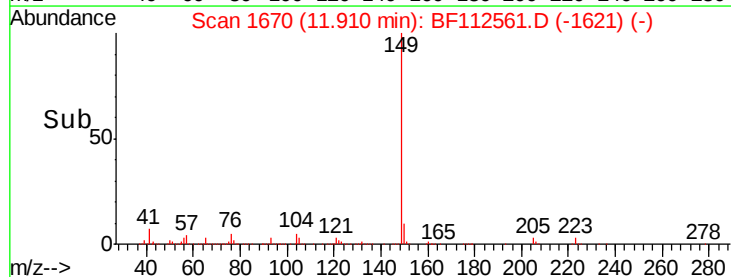
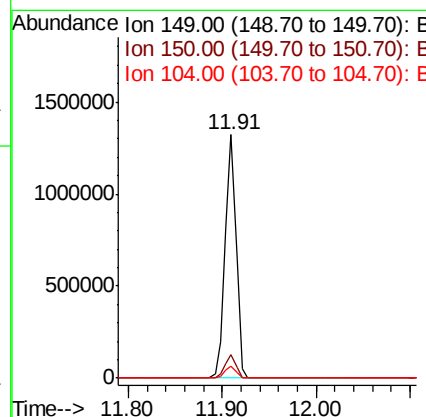
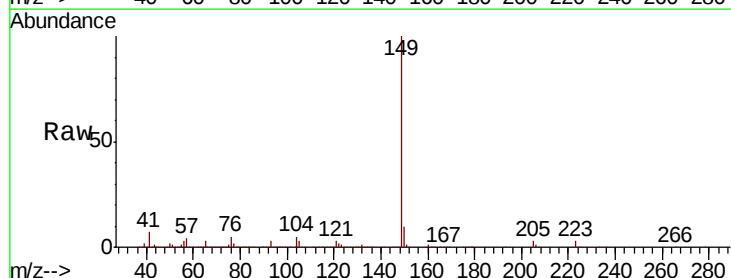
Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

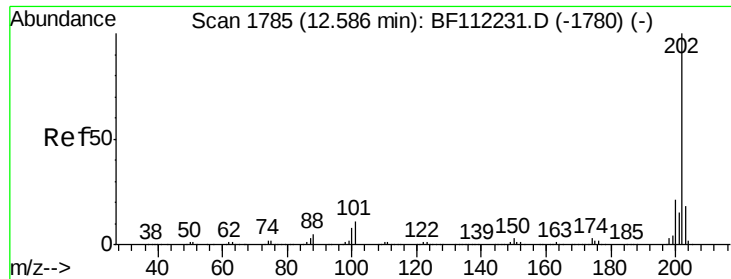
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.8	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 42.147 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	5.1	3.9	5.9

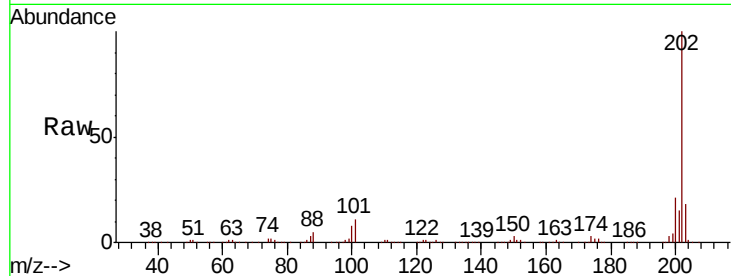




#75
 Fluoranthene
 Concen: 41.787 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.8
203	17.7	0.0	38.4

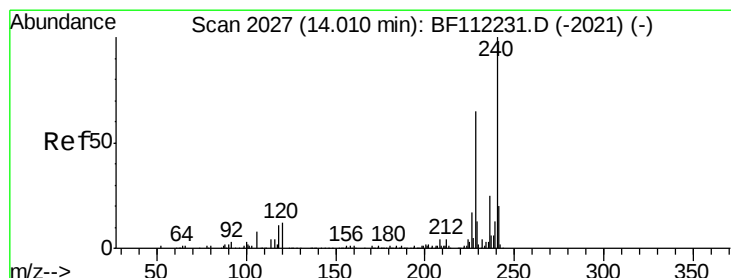
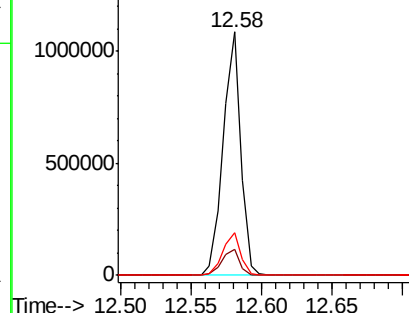
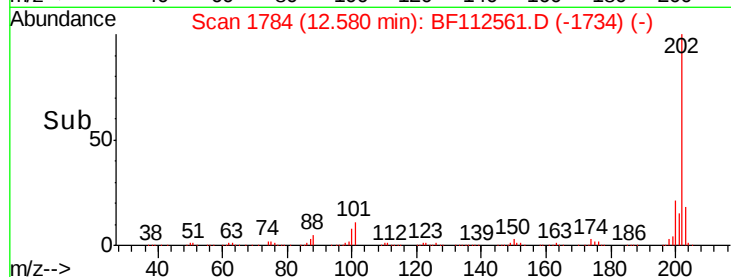


Abundance

Ion 202.00 (201.70 to 202.70): E

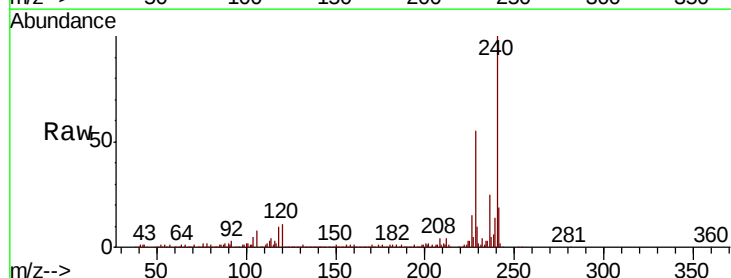
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.6
236	25.1	20.7	31.1

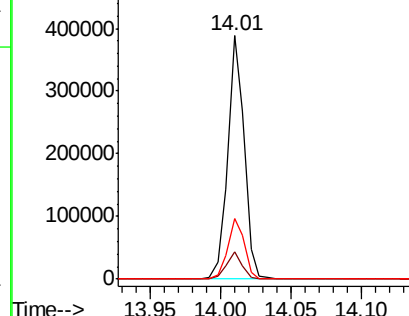
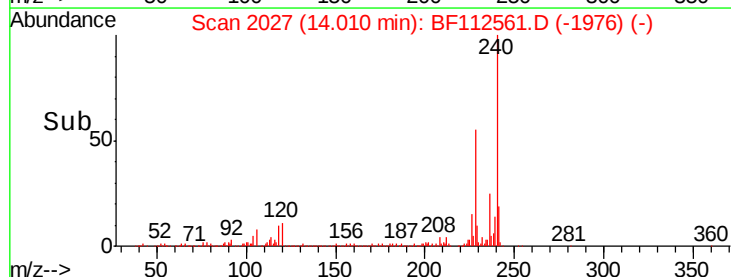


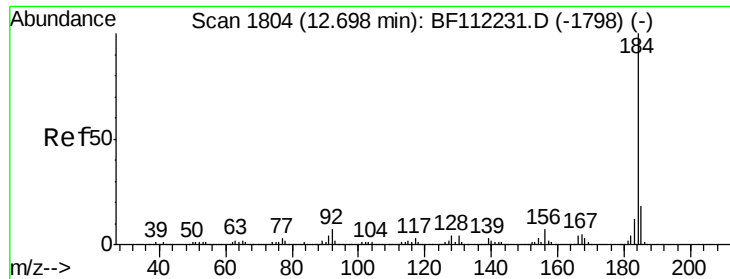
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

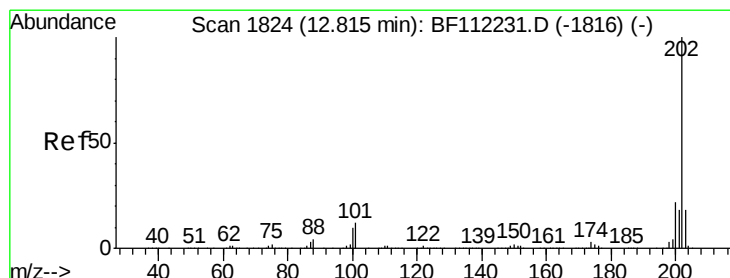
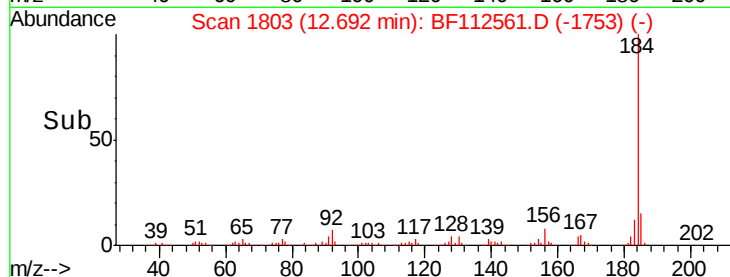
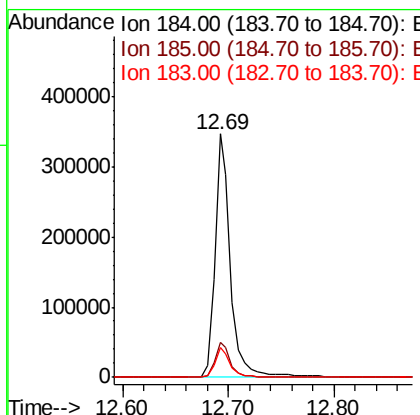
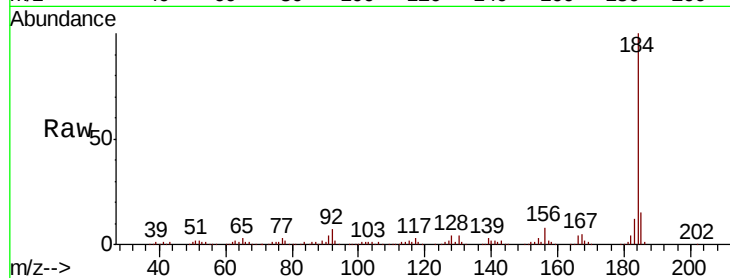




#77
Benzidine
Concen: 41.435 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

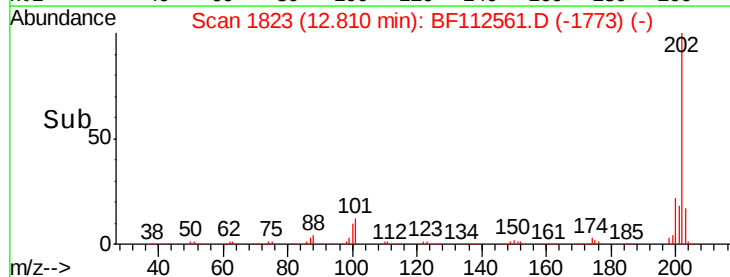
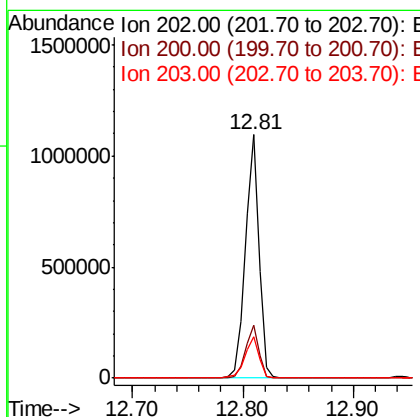
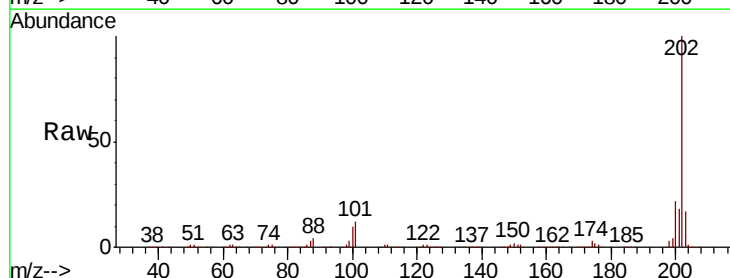
Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.9	20.9
183	12.5	10.0	15.0



#78
Pyrene
Concen: 43.518 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.2	14.6	22.0

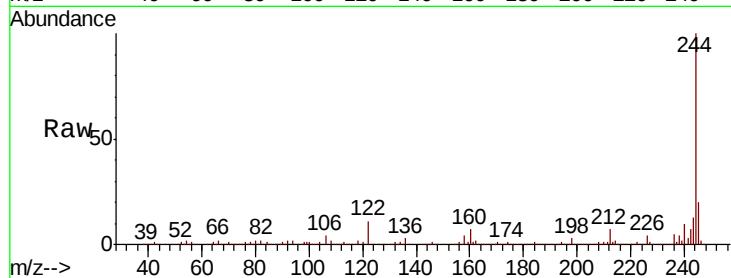




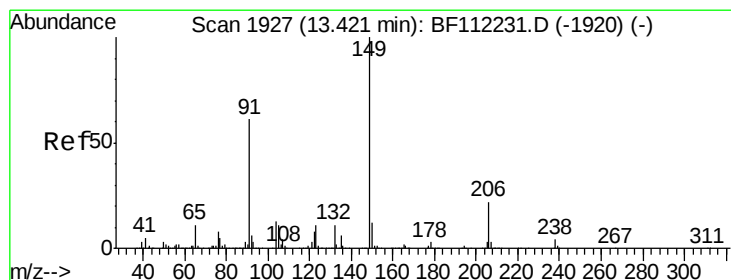
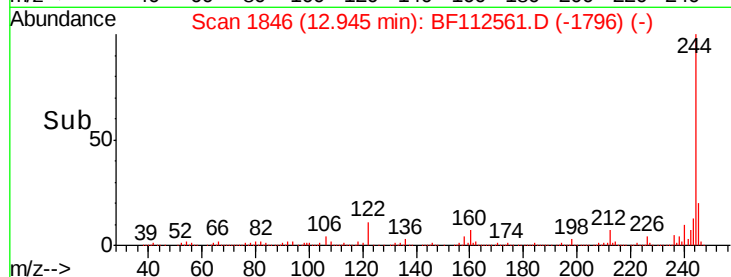
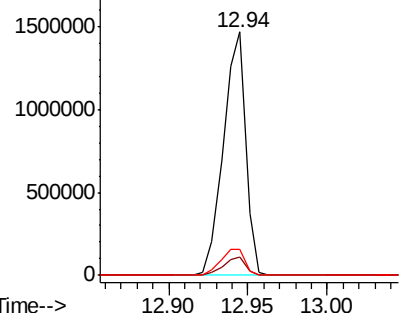
#79
 Terphenyl-d14
 Concen: 85.603 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BS

Tot Ion:244 Resp: 1430453
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.8 9.8 14.6

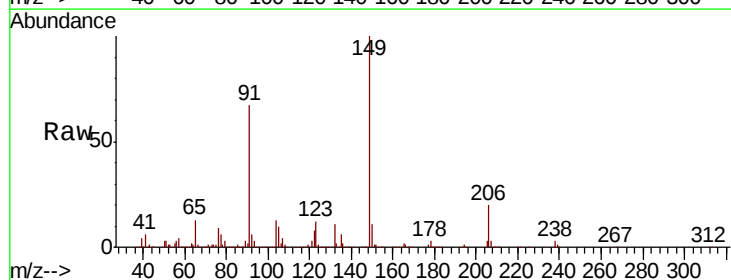


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

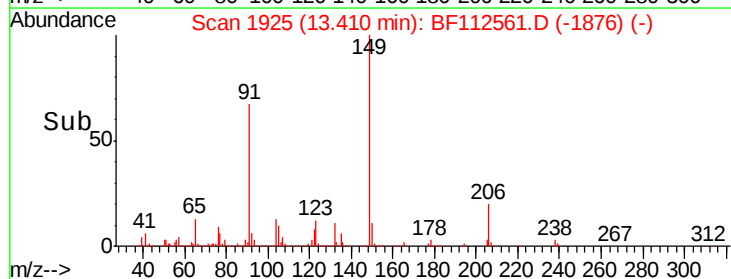
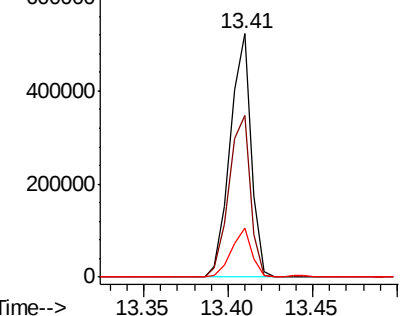


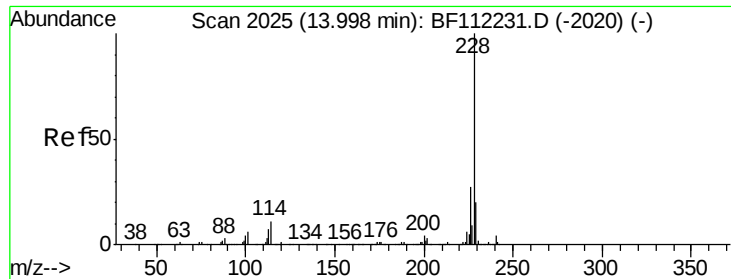
#80
 Butylbenzylphthalate
 Concen: 43.289 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112561.D
 Acq: 14 Feb 2019 12:13

Tgt Ion:149 Resp: 456378
 Ion Ratio Lower Upper
 149 100
 91 66.7 50.3 75.5
 206 19.9 18.2 27.4



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

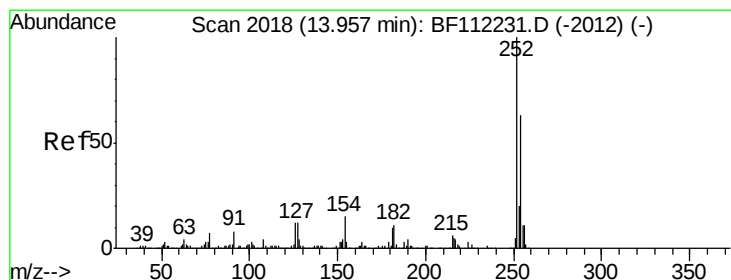
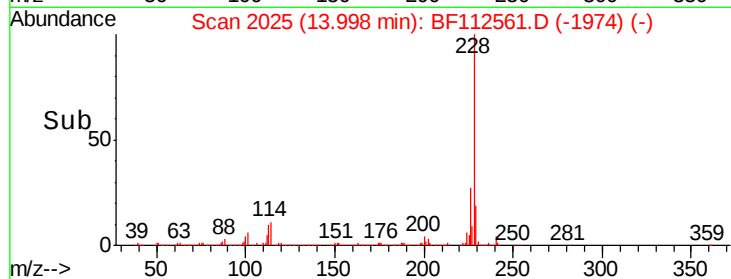
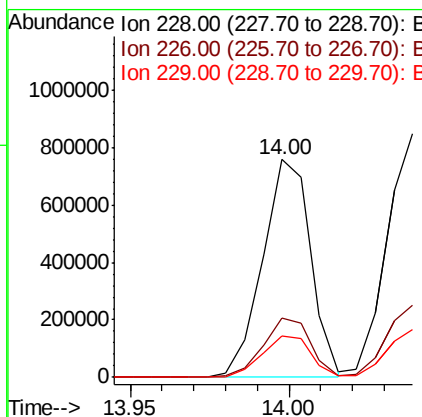
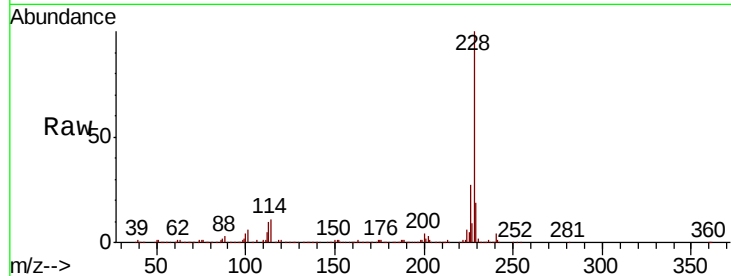




#81
Benzo(a)anthracene
Concen: 43.302 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

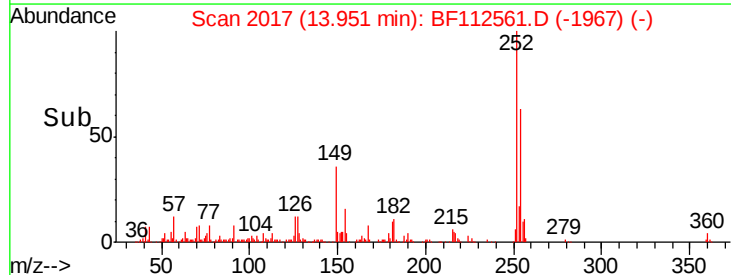
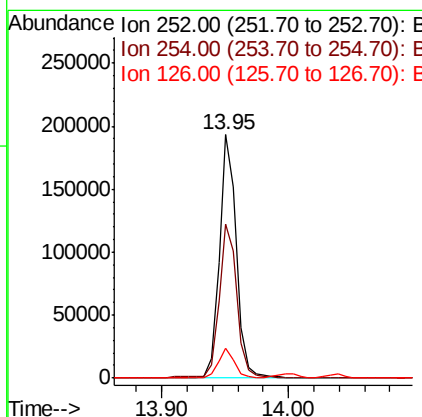
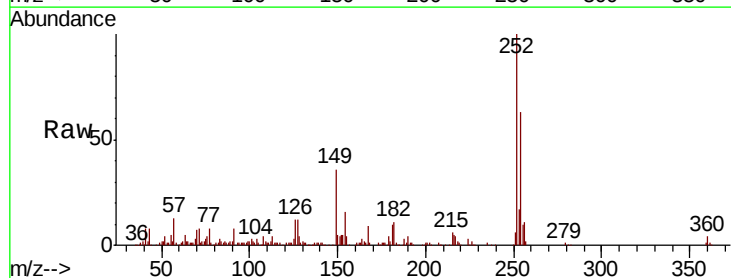
Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:228 Resp: 801148
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 19.2 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 26.200 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:252 Resp: 181410
Ion Ratio Lower Upper
252 100
254 63.3 51.6 77.4
126 12.3 8.6 12.8

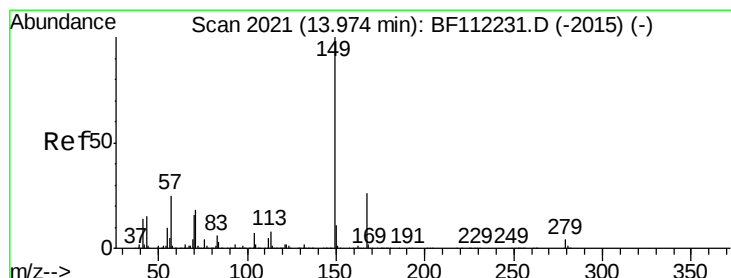
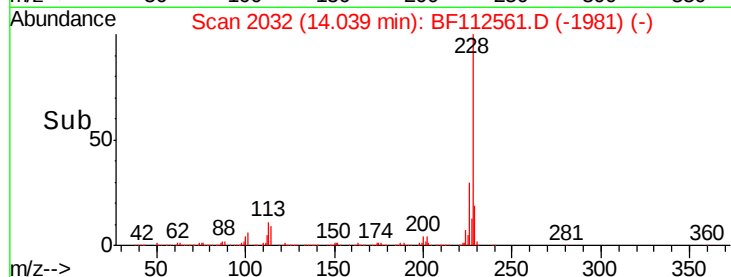
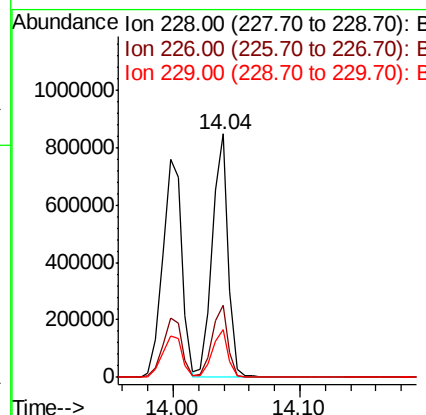
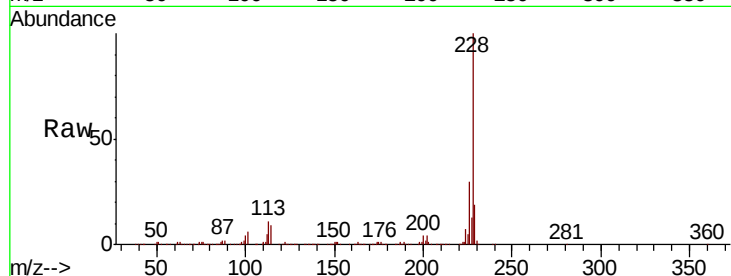




#83
Chrysene
Concen: 42.038 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

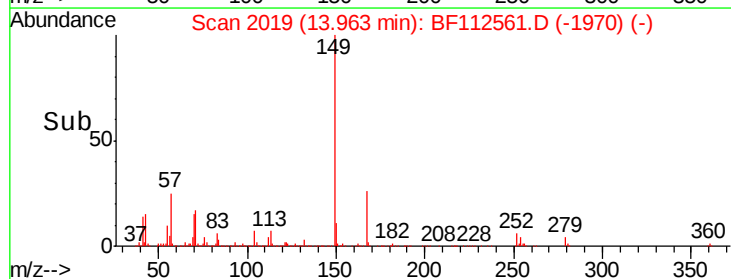
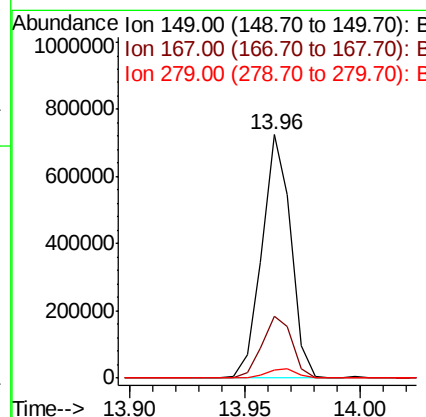
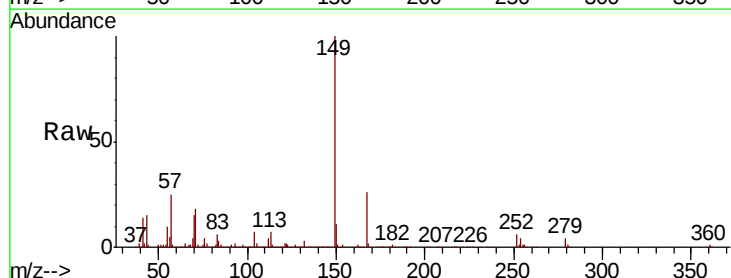
Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion:228 Resp: 742426
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 19.5 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.467 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion:149 Resp: 635508
Ion Ratio Lower Upper
149 100
167 25.6 22.5 33.7
279 3.5 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 42.065 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

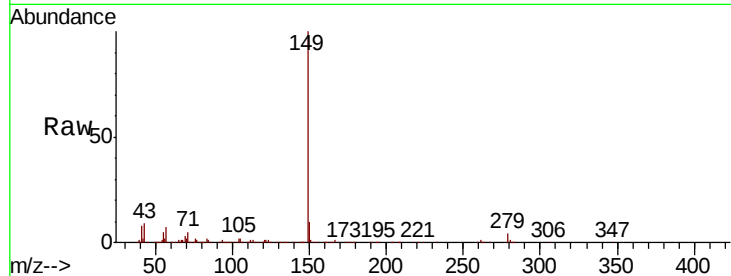
Tot Ion:149 Resp: 968509

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

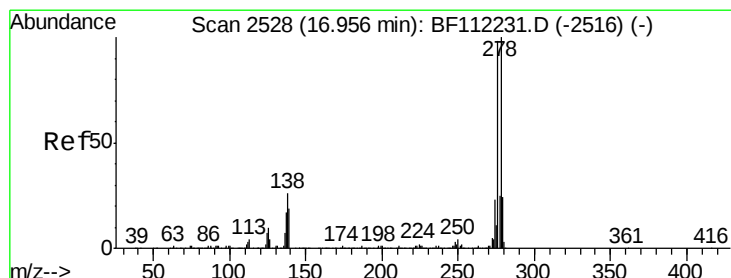
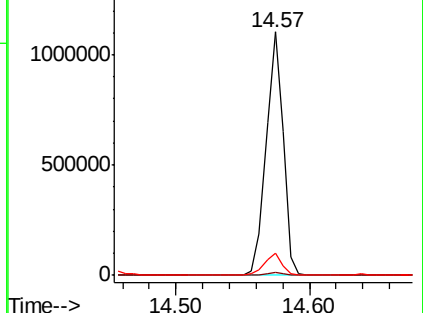
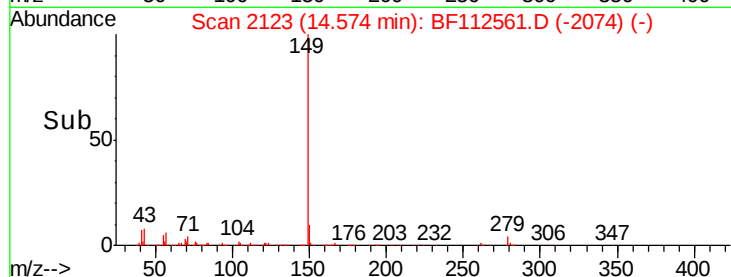
43 8.6 7.8 11.6



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.784 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.03 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

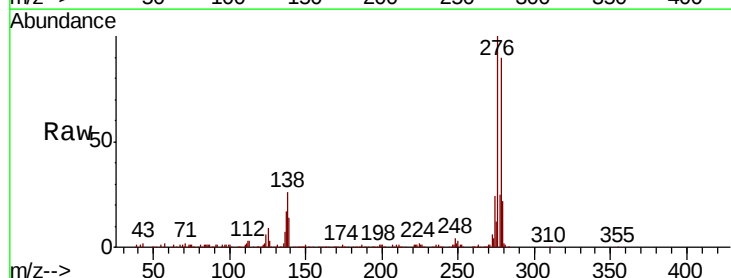
Tgt Ion:276 Resp: 584720

Ion Ratio Lower Upper

276 100

138 25.0 22.6 34.0

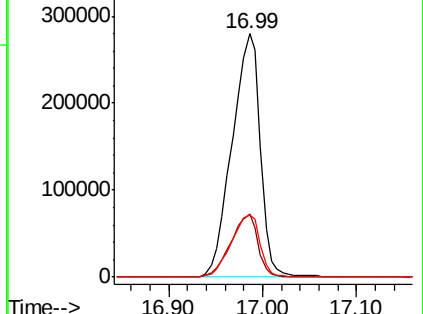
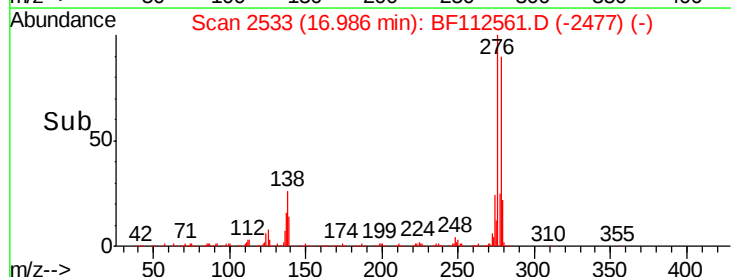
277 26.1 20.3 30.5

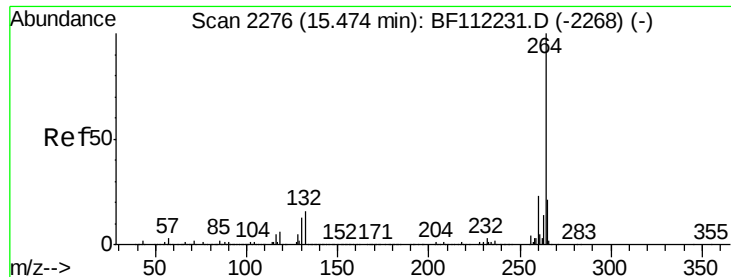


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB117100BS

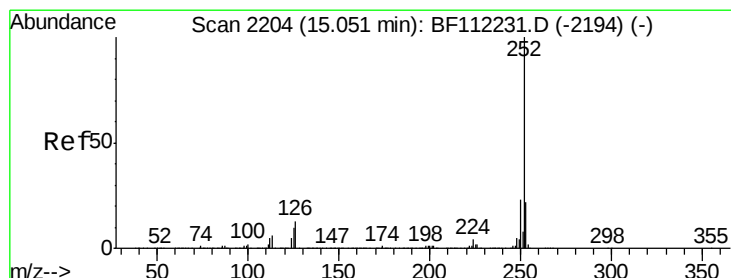
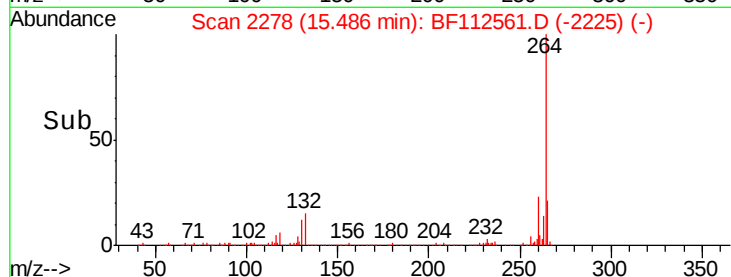
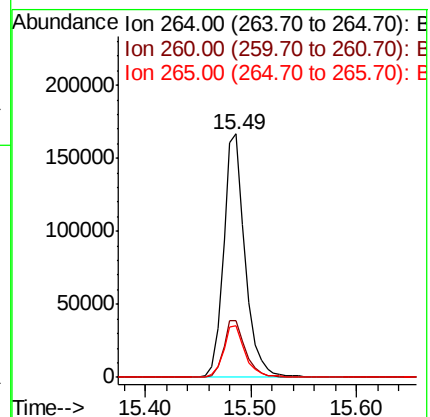
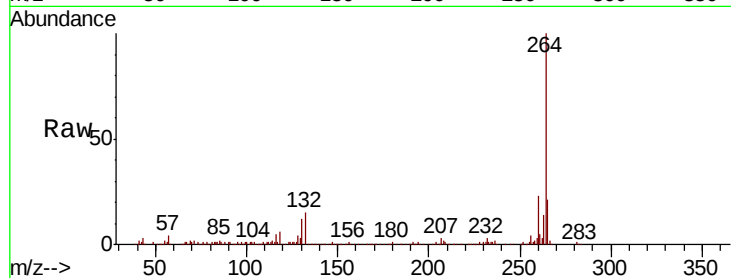
Tot Ion:264 Resp: 236247

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.0 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 46.100 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BF112561.D

Acq: 14 Feb 2019 12:13

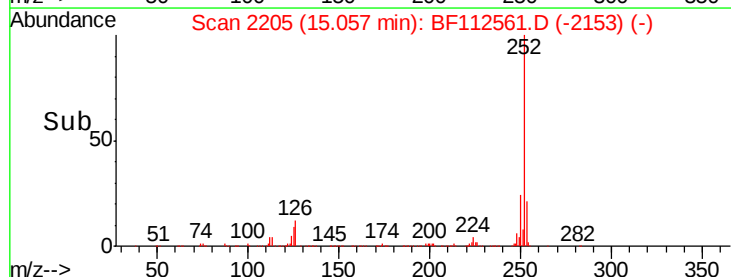
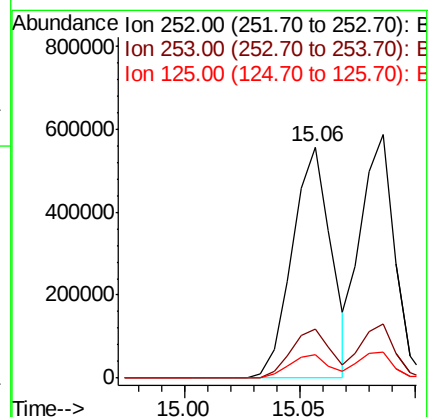
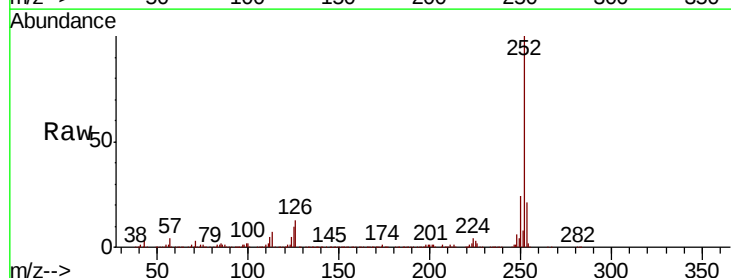
Tgt Ion:252 Resp: 651337

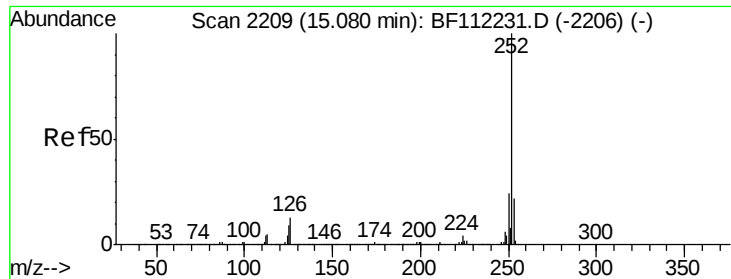
Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 10.2 8.7 13.1

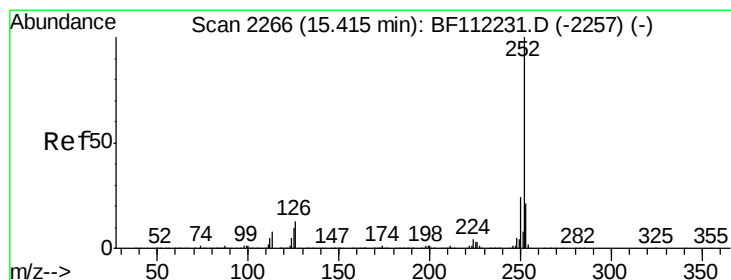
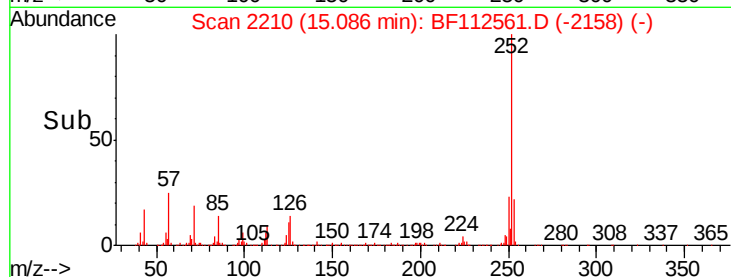
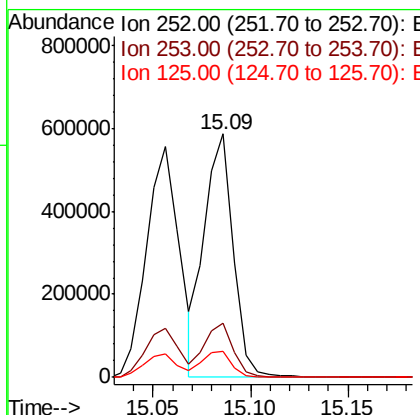
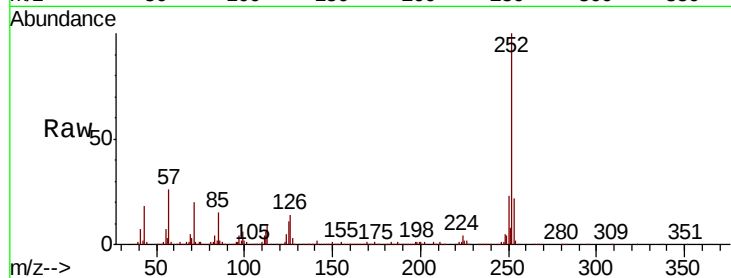




#89
Benzo(k)fluoranthene
Concen: 44.473 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

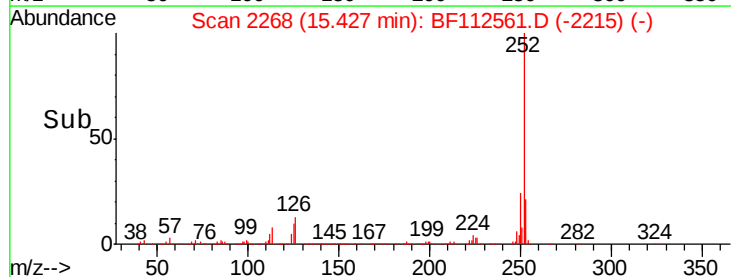
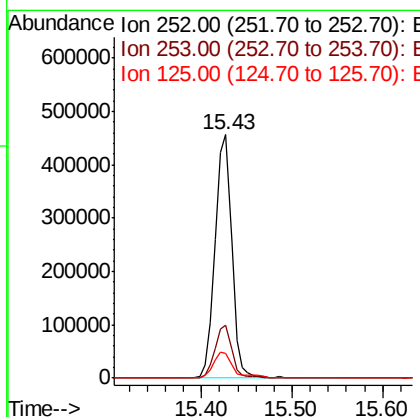
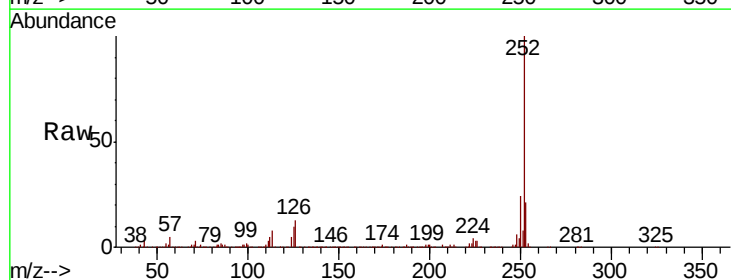
Instrument :
BNA_F
ClientSampleId :
PB117100BS

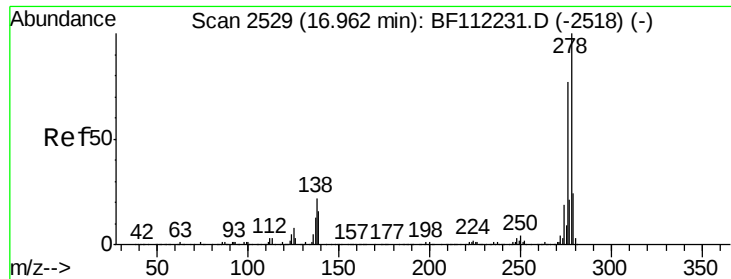
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.7	9.1	13.7



#90
Benzo(a)pyrene
Concen: 45.945 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.4	9.0	13.4

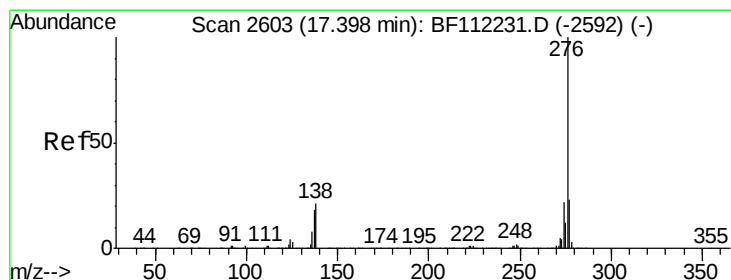
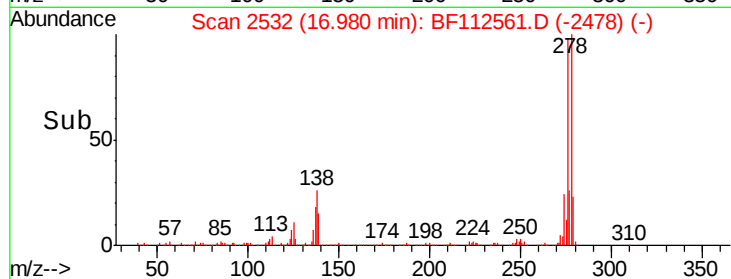
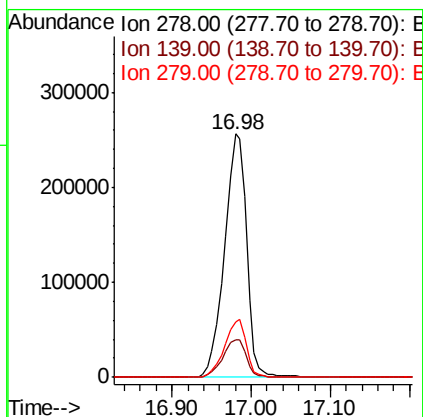
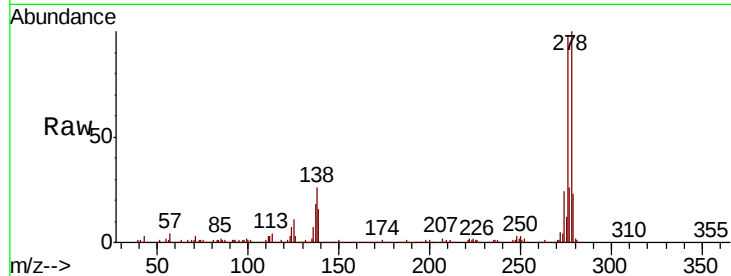




#91
Dibenzo(a,h)anthracene
Concen: 48.198 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB117100BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.7	20.5
279	22.9	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 49.770 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.04 min
Lab File: BF112561.D
Acq: 14 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	21.3	19.1	28.7

