

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112236.D
 Acq On : 25 Jan 2019 16:45
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Quant Time: Jan 27 23:52:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190242	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	727323	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	285919	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	532952	20.00	ng	0.00
76) Chrysene-d12	14.01	240	510302	20.00	ng	0.00
87) Perylene-d12	15.47	264	399317	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	664754	74.22	ng	0.00
7) Phenol-d6	6.49	99	987225	79.32	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1011472	80.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	301461	90.58	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1753480	86.74	ng	0.00
79) Terphenyl-d14	12.95	244	2159621	79.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	141131	39.556	ng	95
3) Pyridine	3.36	79	337042	37.136	ng	96
4) n-Nitrosodimethylamine	3.32	42	143250	37.568	ng	# 91
6) Aniline	6.51	93	590316	39.873	ng	# 80
8) 2-Chlorophenol	6.64	128	478090	39.679	ng	99
9) Benzaldehyde	6.39	77	257221	39.542	ng	98
10) Phenol	6.50	94	551334	40.379	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	421514	39.212	ng	97
12) 1,3-Dichlorobenzene	6.79	146	543961	38.766	ng	99
13) 1,4-Dichlorobenzene	6.86	146	564470	39.087	ng	98
14) 1,2-Dichlorobenzene	7.02	146	535103	39.576	ng	94
15) Benzyl Alcohol	6.99	79	418867	39.925	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	552731	40.047	ng	88
17) 2-Methylphenol	7.11	107	375714	39.336	ng	94
18) Hexachloroethane	7.36	117	205556	40.534	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	338056	39.393	ng	96
20) 3+4-Methylphenols	7.26	107	477304	39.079	ng	# 79
22) Acetophenone	7.26	105	693734	39.171	ng	# 97
24) Nitrobenzene	7.43	77	501318	39.767	ng	99
25) Isophorone	7.67	82	800092	40.404	ng	98
26) 2-Nitrophenol	7.75	139	281898	41.843	ng	94
27) 2,4-Dimethylphenol	7.79	122	371731	40.048	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	545960	40.490	ng	99
29) 2,4-Dichlorophenol	7.99	162	422052	40.631	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	479915	40.194	ng	99
31) Naphthalene	8.15	128	1348563	39.649	ng	99
32) Benzoic acid	7.93	122	196116	37.040	ng	97
33) 4-Chloroaniline	8.20	127	593411	40.068	ng	98
34) Hexachlorobutadiene	8.27	225	281360	40.157	ng	98
35) Caprolactam	8.58	113	142735	38.952	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	429497	39.058	ng	98
37) 2-Methylnaphthalene	8.84	142	870774	37.397	ng	97
38) 1-Methylnaphthalene	8.94	142	796699	35.698	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	418657	44.596	ng	99

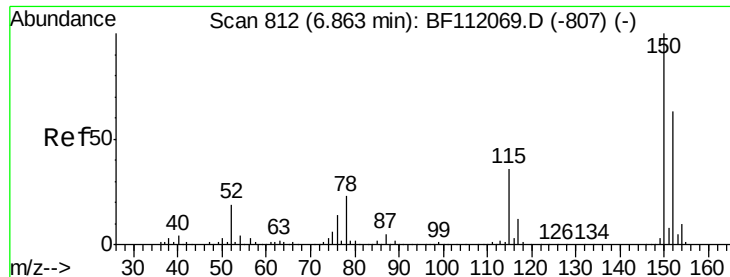
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	131981	42.193	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	261477	45.186	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	276065	45.647	ng	99
46) 1,1'-Biphenyl	9.30	154	1095597	43.831	ng	99
47) 2-Chloronaphthalene	9.33	162	852057	43.957	ng	97
48) 2-Nitroaniline	9.43	65	230469	43.623	ng	90
49) Acenaphthylene	9.75	152	1246800	43.885	ng	99
50) Dimethylphthalate	9.60	163	967688	43.561	ng	100
51) 2,6-Dinitrotoluene	9.67	165	219410	44.101	ng	# 83
52) Acenaphthene	9.92	154	670780	39.523	ng	98
53) 3-Nitroaniline	9.84	138	241260	44.761	ng	89
54) 2,4-Dinitrophenol	9.95	184	64506	40.400	ng	87
55) Dibenzofuran	10.09	168	1143819	44.102	ng	96
56) 4-Nitrophenol	10.02	139	130764	45.888	ng	91
57) 2,4-Dinitrotoluene	10.07	165	289307	45.677	ng	# 84
58) Fluorene	10.43	166	857373	44.176	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	191934	42.341	ng	98
60) Diethylphthalate	10.30	149	983412	44.609	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	462985	43.854	ng	92
62) 4-Nitroaniline	10.46	138	218722	41.371	ng	94
63) Azobenzene	10.58	77	881960	45.489	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	136761	45.769	ng	95
66) n-Nitrosodiphenylamine	10.54	169	793676	44.186	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	266121	42.455	ng	96
68) Hexachlorobenzene	10.99	284	304914	45.340	ng	95
69) Atrazine	11.07	200	271554	46.854	ng	97
70) Pentachlorophenol	11.18	266	124114	47.430	ng	99
71) Phenanthrene	11.39	178	1129234	40.756	ng	99
72) Anthracene	11.45	178	1181459	42.806	ng	100
73) Carbazole	11.60	167	1141952	41.945	ng	99
74) Di-n-butylphthalate	11.92	149	1501206	44.424	ng	99
75) Fluoranthene	12.59	202	1392814	46.868	ng	97
77) Benzidine	12.70	184	507889	36.161	ng	98
78) Pyrene	12.82	202	1452807	41.121	ng	99
80) Butylbenzylphthalate	13.42	149	697141	40.784	ng	90
81) Benzo(a)anthracene	14.00	228	1179443	39.317	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	432938	38.563	ng	99
83) Chrysene	14.04	228	1136048	39.674	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	966523	39.834	ng	97
85) Di-n-octyl phthalate	14.59	149	1458134	39.060	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	892103	39.318	ng	97
88) Benzo(b)fluoranthene	15.05	252	1001882	41.953	ng	98
89) Benzo(k)fluoranthene	15.07	252	898417	39.276	ng	99
90) Benzo(a)pyrene	15.42	252	859732	40.010	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	756040	43.656	ng	98
92) Benzo(g,h,i)perylene	17.40	276	718291	43.962	ng	96

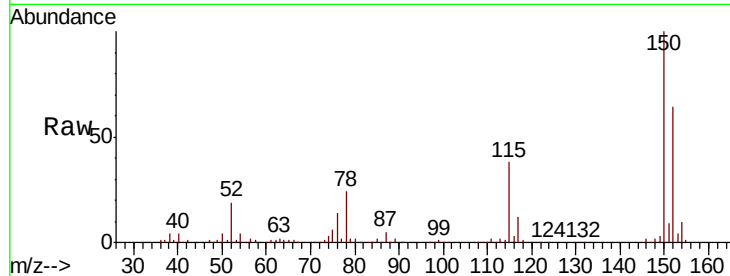
(#) = qualifier out of range (m) = manual integration (+) = signals summed



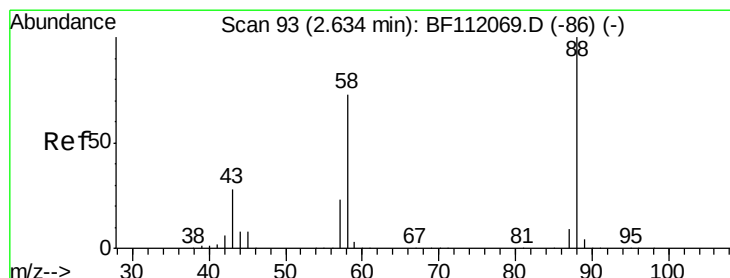
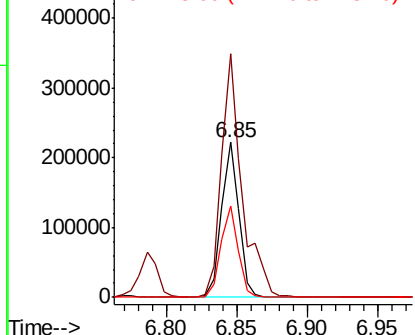
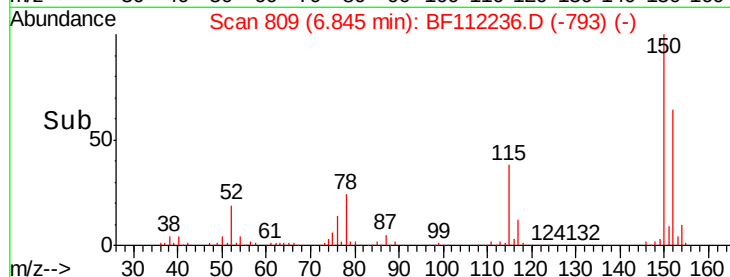
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Tgt Ion:152 Resp: 190242
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.4 191.0
 115 59.3 45.5 68.3

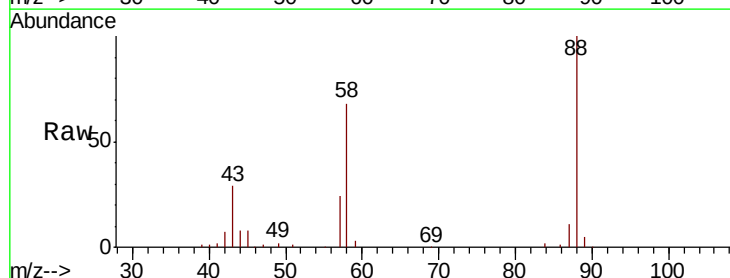


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

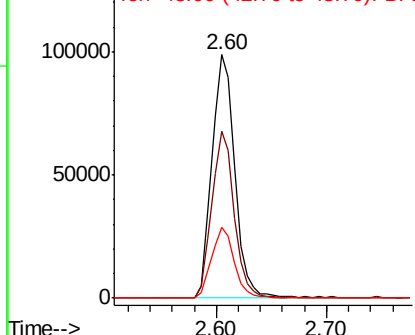
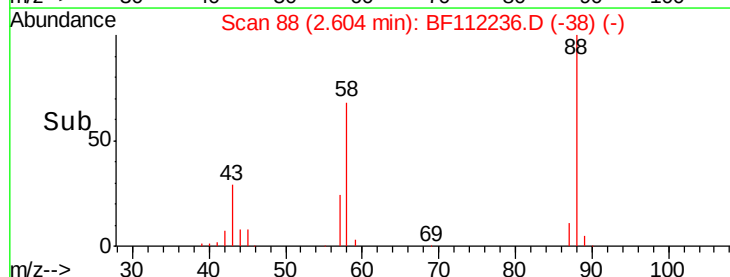


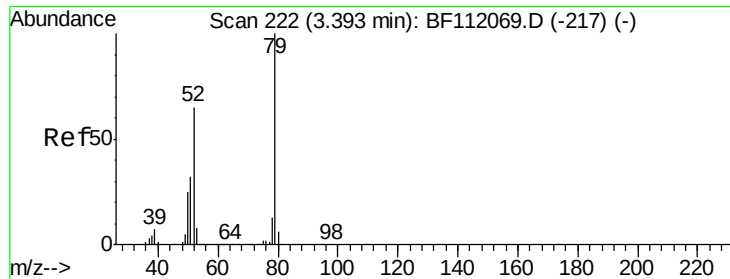
#2
 1,4-Dioxane
 Concen: 39.556 ng
 RT: 2.60 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion: 88 Resp: 141131
 Ion Ratio Lower Upper
 88 100
 58 66.4 57.4 86.2
 43 28.3 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

Pyridine

Concen: 37.136 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

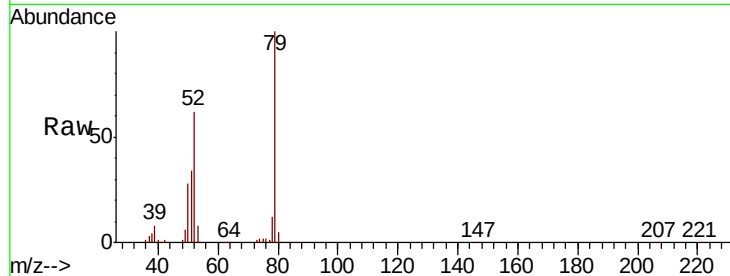
Tgt Ion: 79 Resp: 337042

Ion Ratio Lower Upper

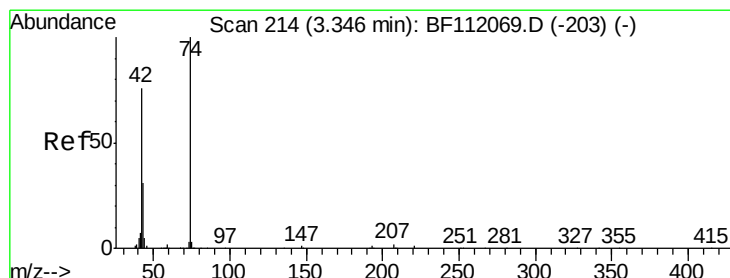
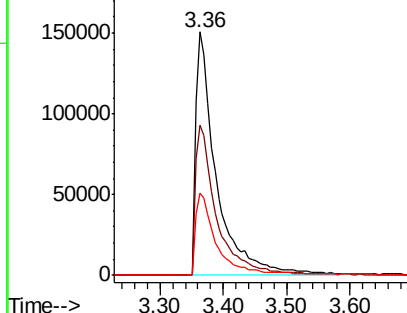
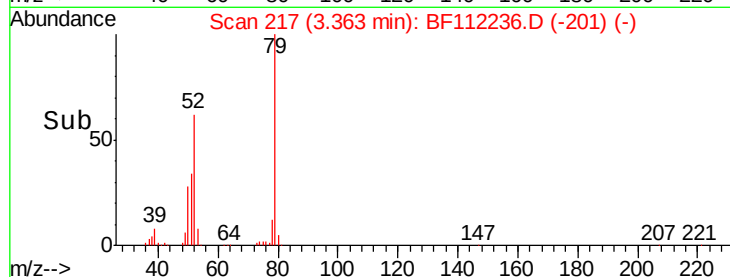
79 100

52 61.8 52.4 78.6

51 33.6 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 37.568 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.02 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

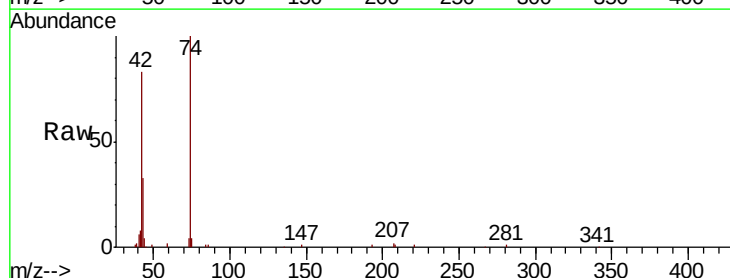
Tgt Ion: 42 Resp: 143250

Ion Ratio Lower Upper

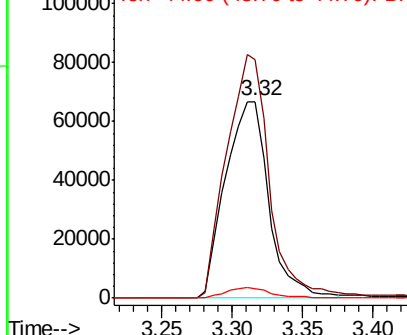
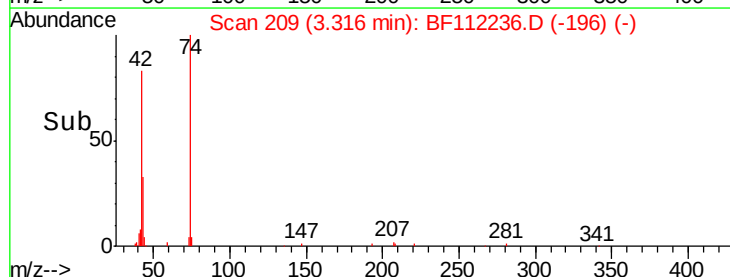
42 100

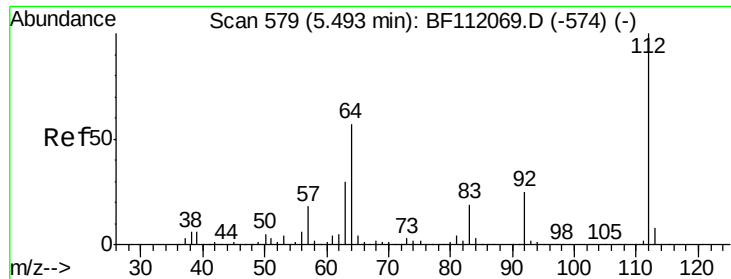
74 120.9 105.6 158.4

44 4.9 5.4 8.2#



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





#5

2-Fluorophenol

Concen: 74.220 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

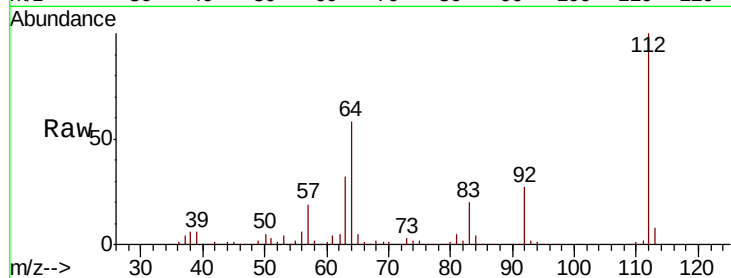
Tgt Ion: 112 Resp: 664754

Ion Ratio Lower Upper

112 100

64 57.9 45.7 68.5

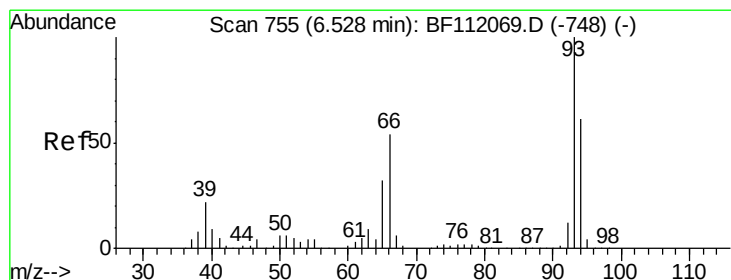
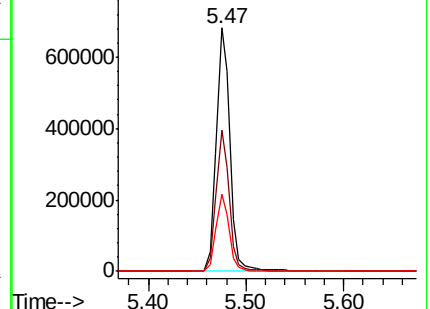
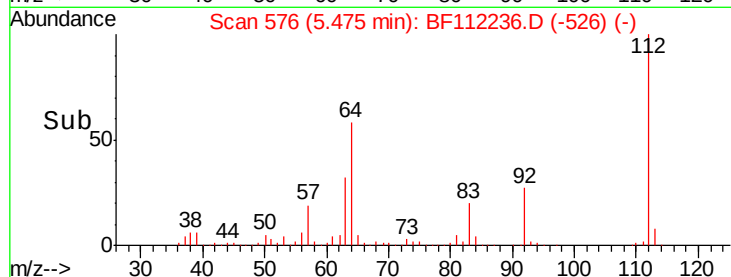
63 31.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.873 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

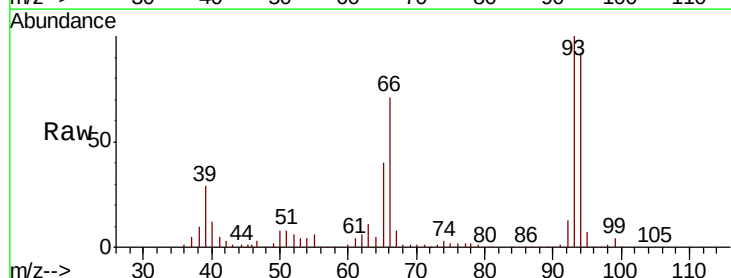
Tgt Ion: 93 Resp: 590316

Ion Ratio Lower Upper

93 100

66 70.8 43.4 65.2#

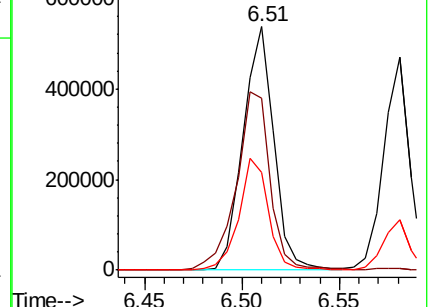
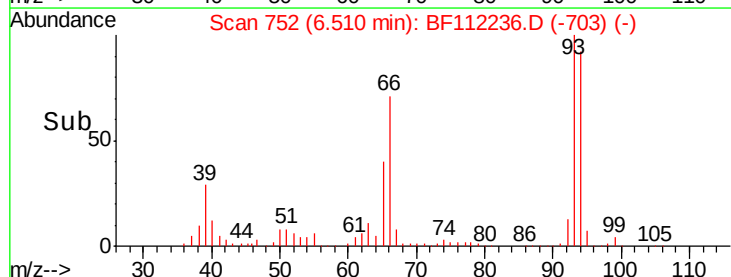
65 40.3 25.3 37.9#

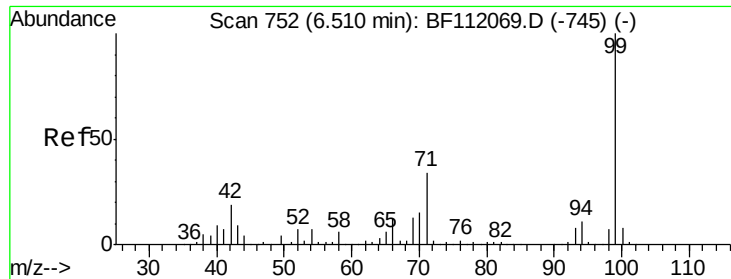


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.324 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

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ICVBF012519

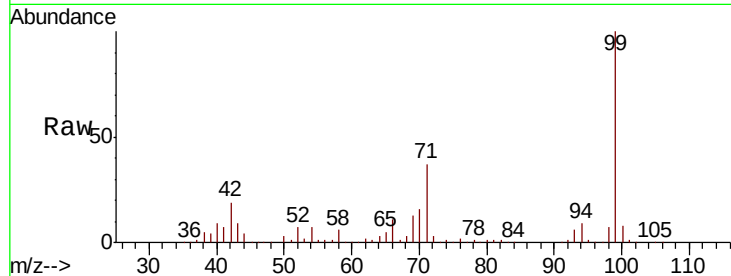
Tgt Ion: 99 Resp: 987225

Ion Ratio Lower Upper

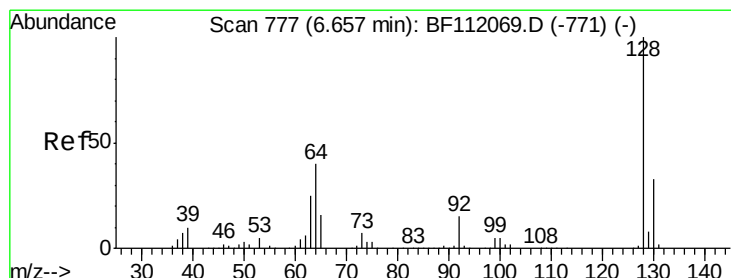
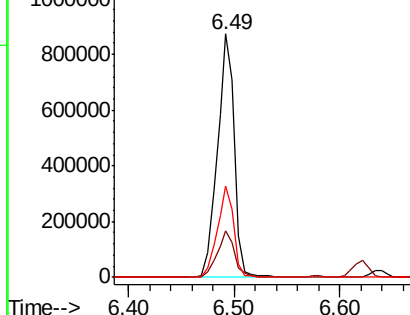
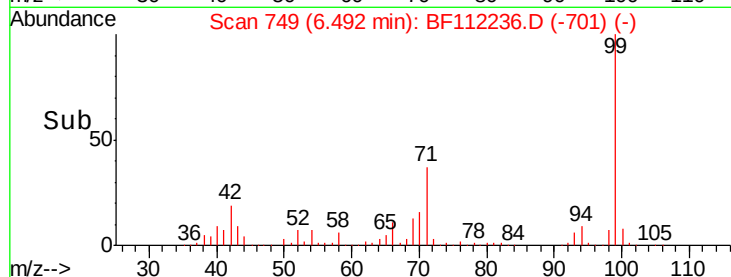
99 100

42 19.1 15.1 22.7

71 37.3 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: 39.679 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

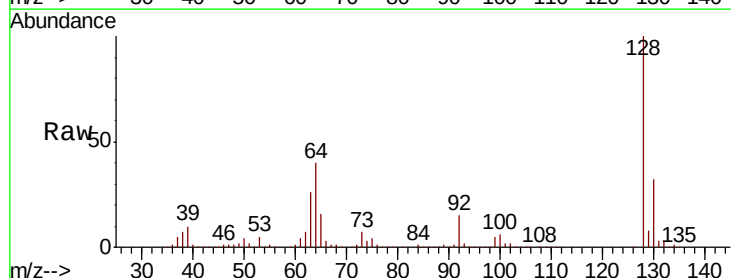
Tgt Ion: 128 Resp: 478090

Ion Ratio Lower Upper

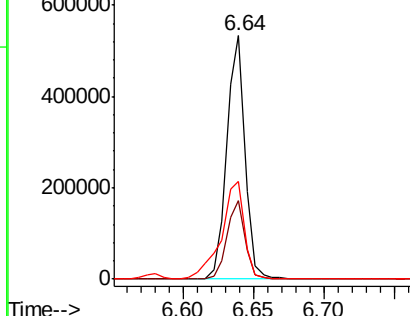
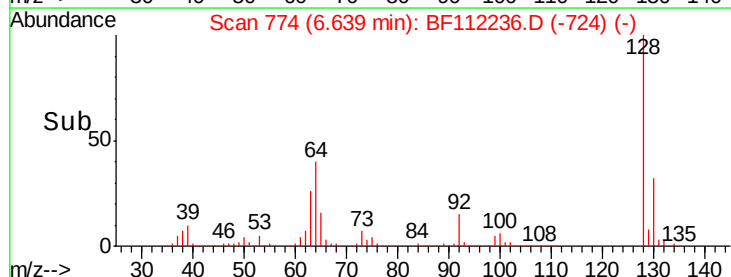
128 100

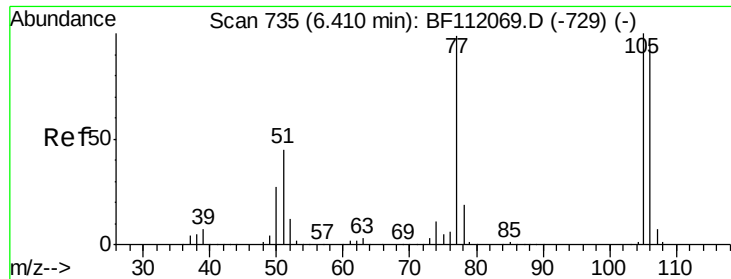
130 32.5 13.4 53.4

64 40.0 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: 39.542 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

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ICVBF012519

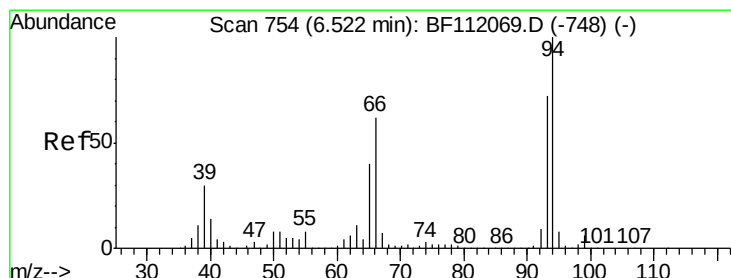
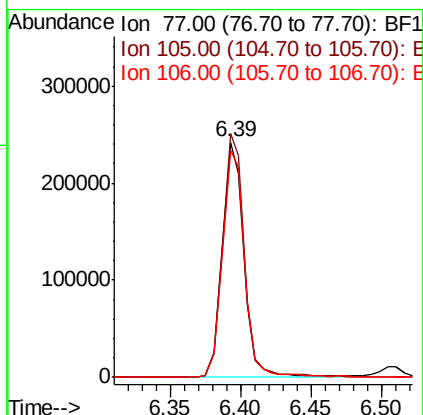
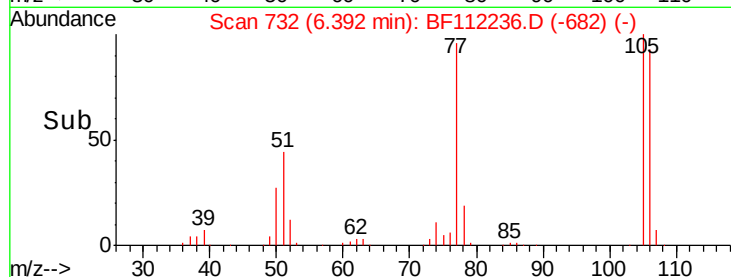
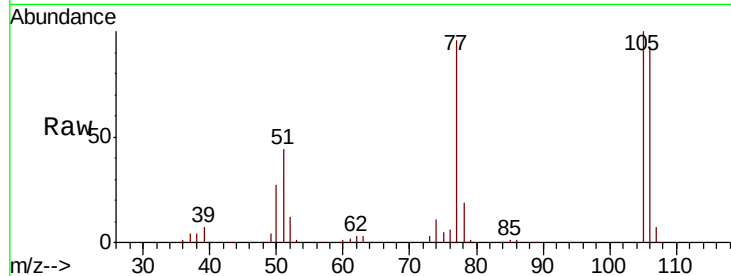
Tgt Ion: 77 Resp: 257221

Ion Ratio Lower Upper

77 100

105 103.7 80.8 120.8

106 96.6 75.7 115.7



#10

Phenol

Concen: 40.379 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

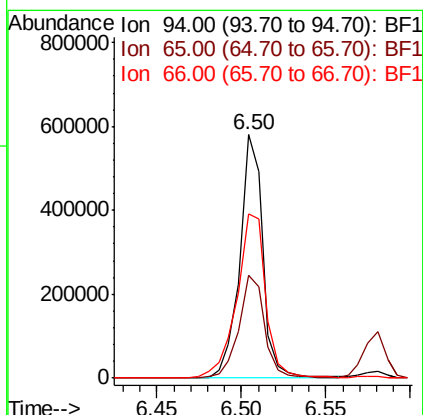
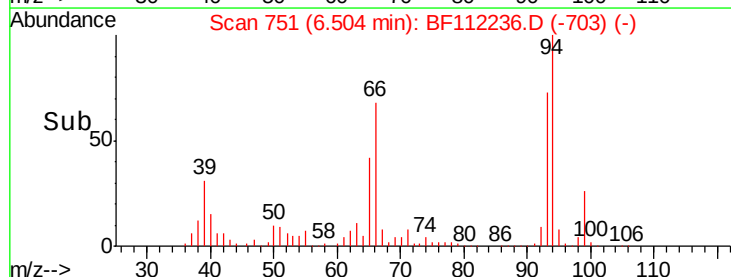
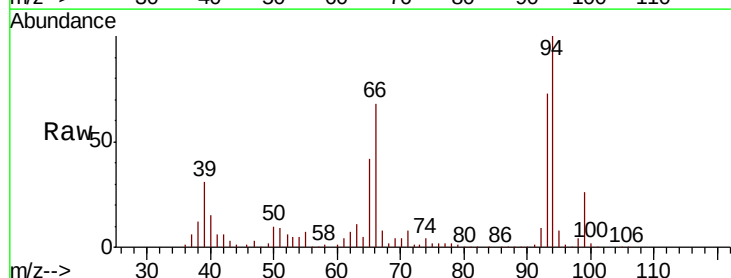
Tgt Ion: 94 Resp: 551334

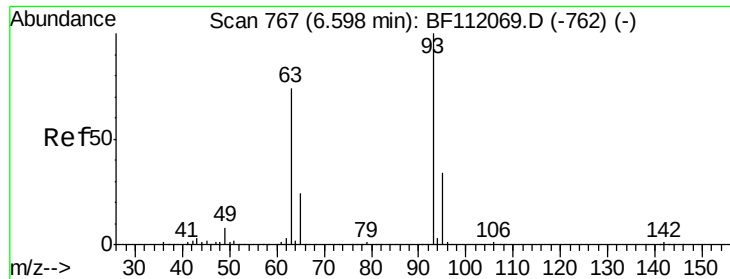
Ion Ratio Lower Upper

94 100

65 42.3 20.3 60.3

66 67.6 42.4 82.4

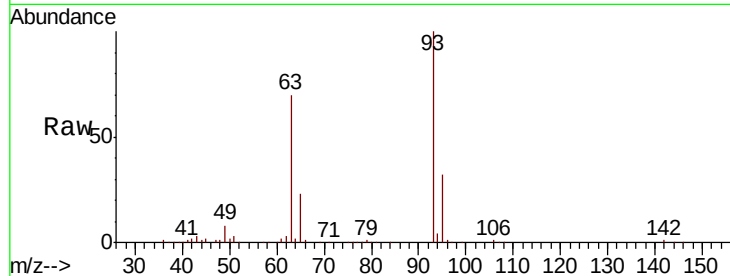




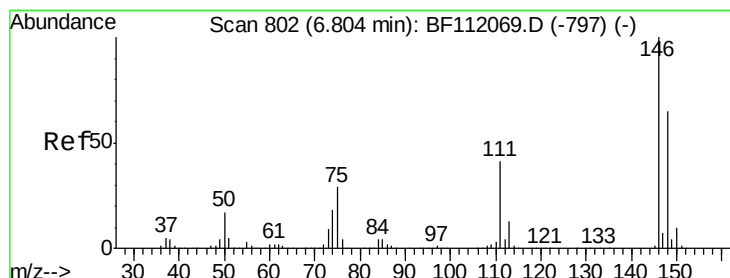
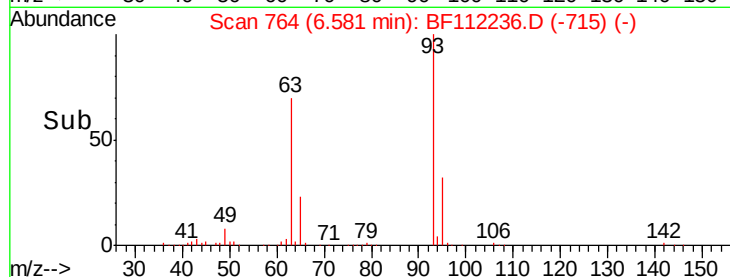
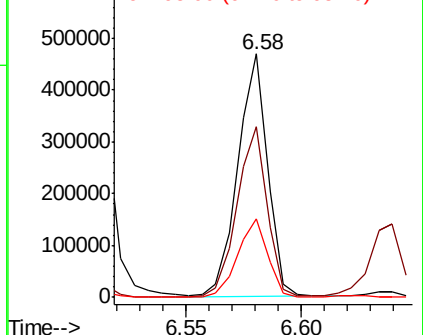
#11
 bis(2-Chloroethyl)ether
 Concen: 39.212 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Tgt Ion: 93 Resp: 421514
 Ion Ratio Lower Upper
 93 100
 63 70.1 53.3 93.3
 95 32.2 13.4 53.4

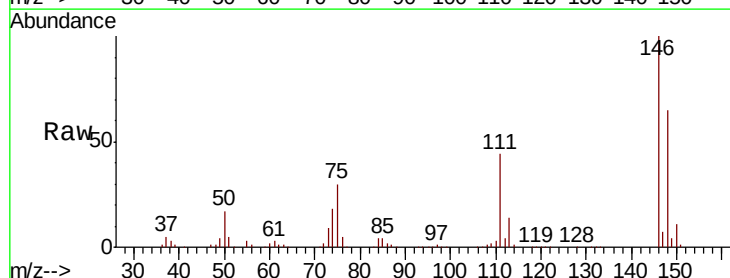


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

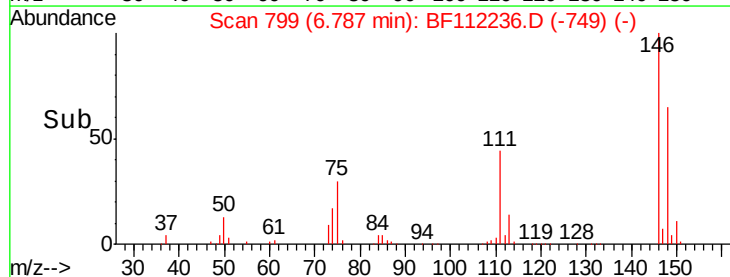
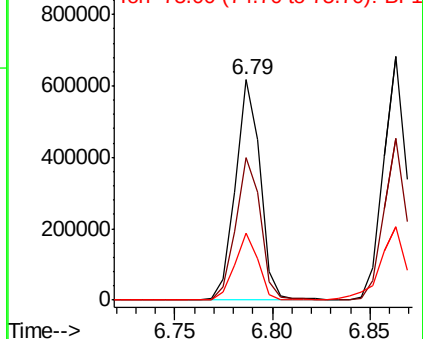


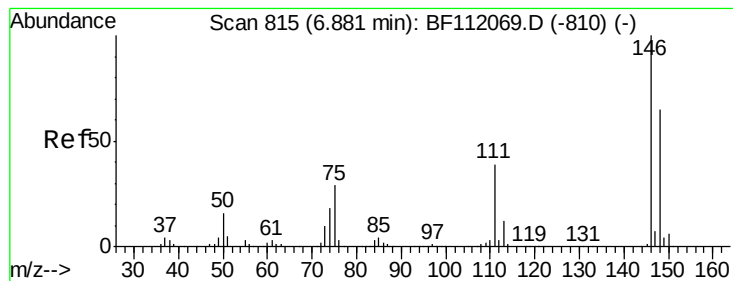
#12
 1,3-Dichlorobenzene
 Concen: 38.766 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion: 146 Resp: 543961
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 75 30.2 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.087 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

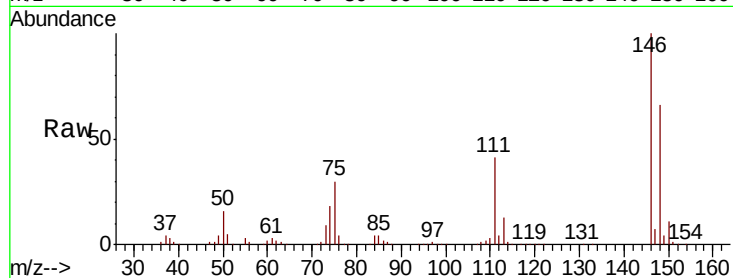
Tgt Ion:146 Resp: 564470

Ion Ratio Lower Upper

146 100

148 66.2 52.0 78.0

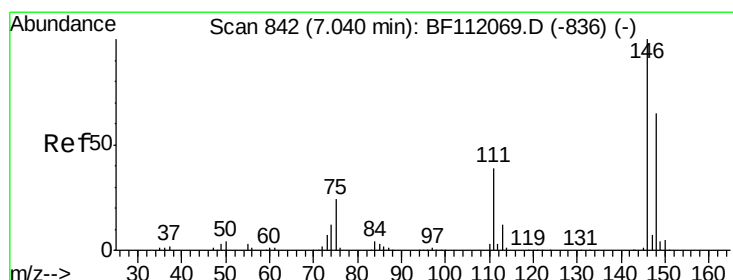
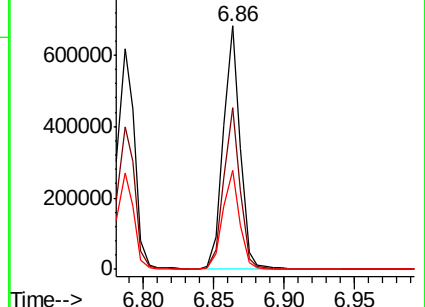
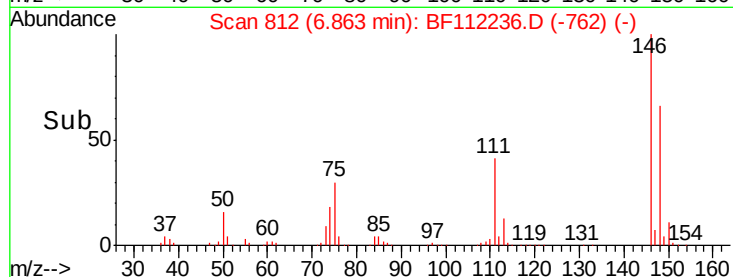
111 40.8 31.2 46.8



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: 39.576 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

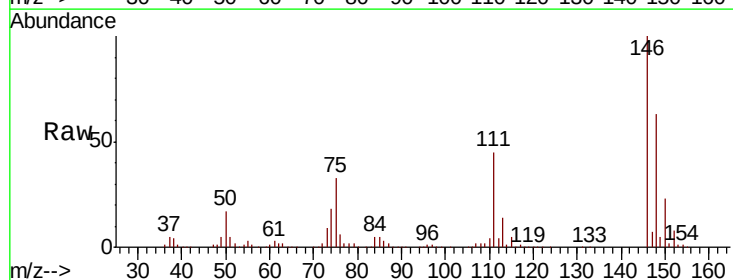
Tgt Ion:146 Resp: 535103

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.4

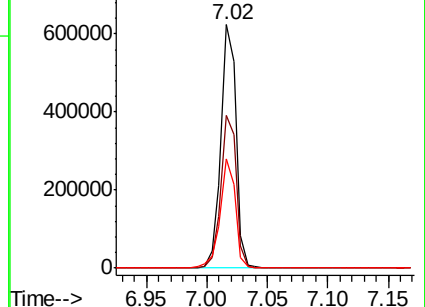
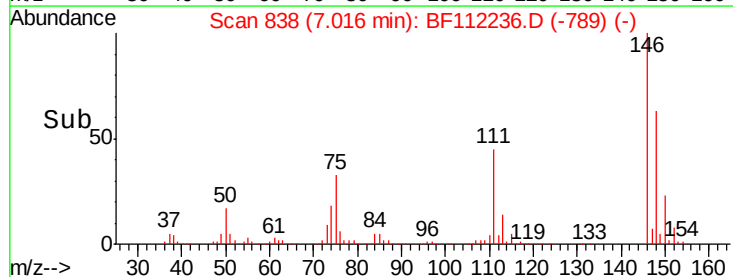
111 45.0 31.2 46.8

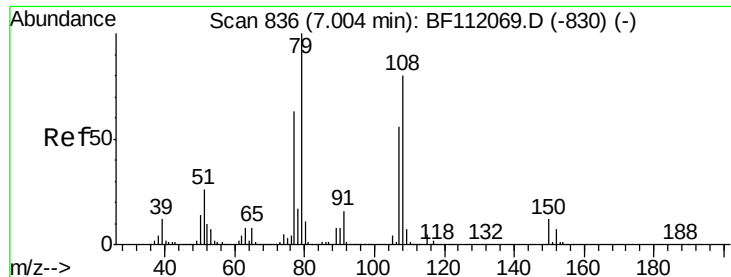


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.925 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

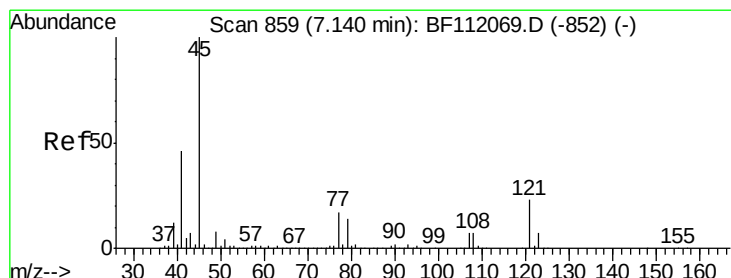
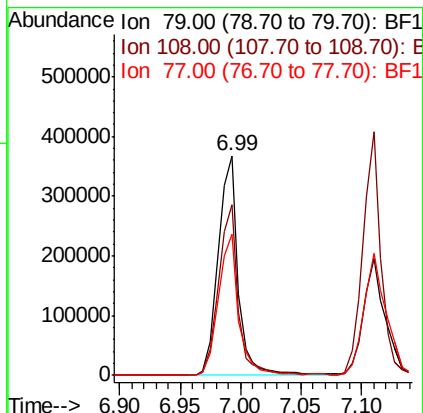
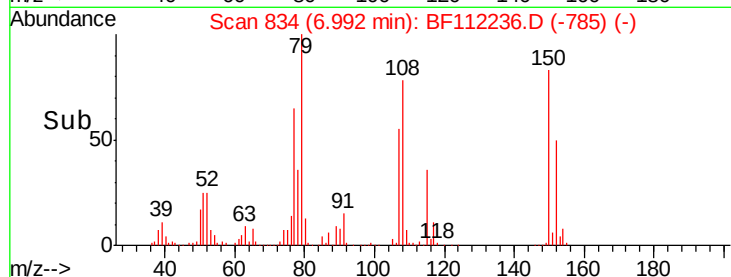
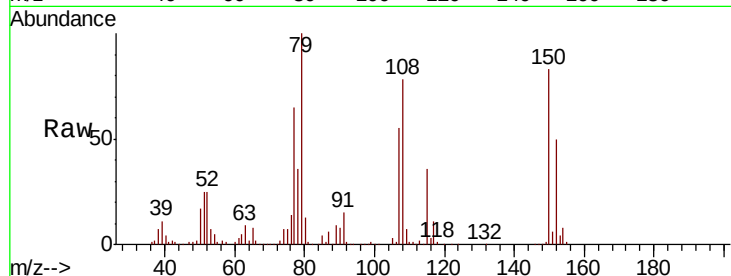
Tgt Ion: 79 Resp: 418867

Ion Ratio Lower Upper

79 100

108 77.6 64.2 96.2

77 64.5 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.047 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

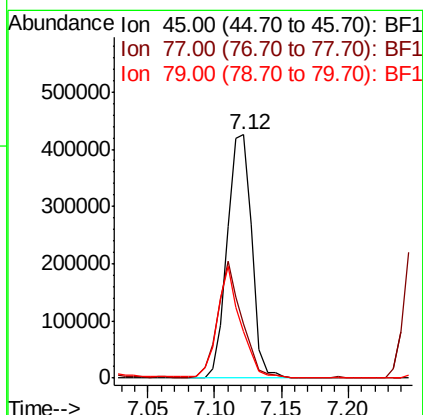
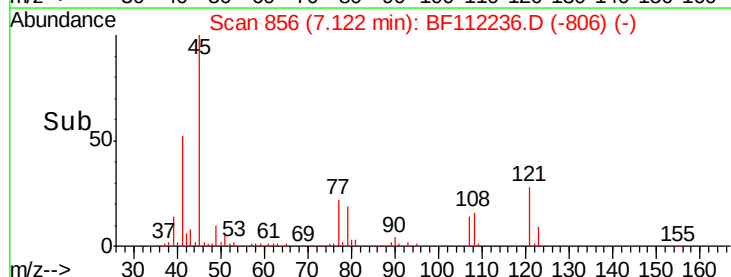
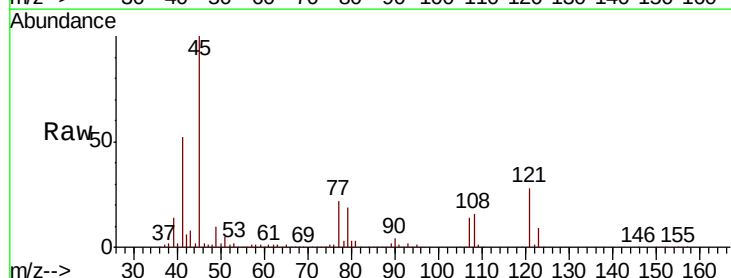
Tgt Ion: 45 Resp: 552731

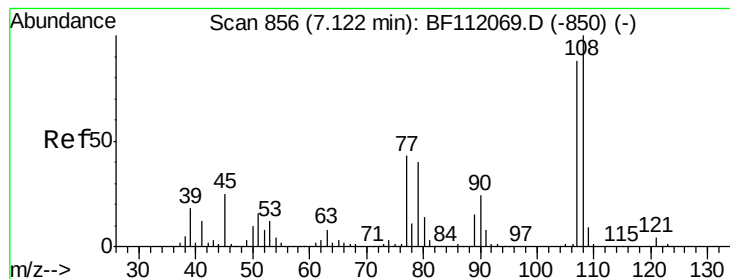
Ion Ratio Lower Upper

45 100

77 22.1 0.0 36.9

79 18.8 0.0 34.0





#17

2-Methylphenol

Concen: 39.336 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

Tgt Ion:107 Resp: 375714

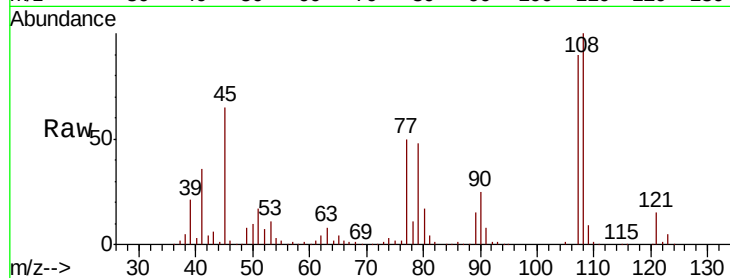
Ion Ratio Lower Upper

107 100

108 110.9 91.3 136.9

77 55.6 39.0 58.6

79 53.3 37.0 55.4

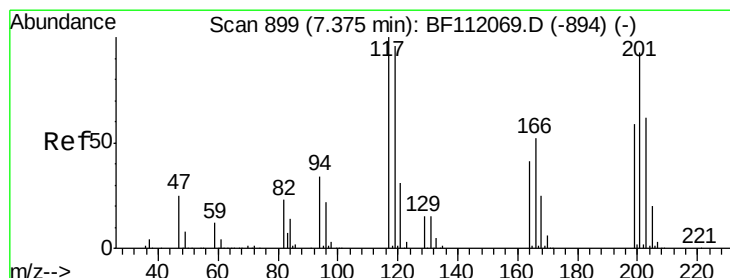
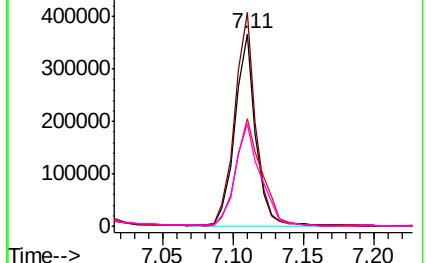
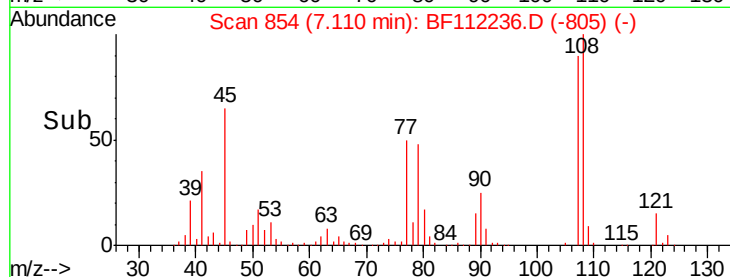


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.534 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

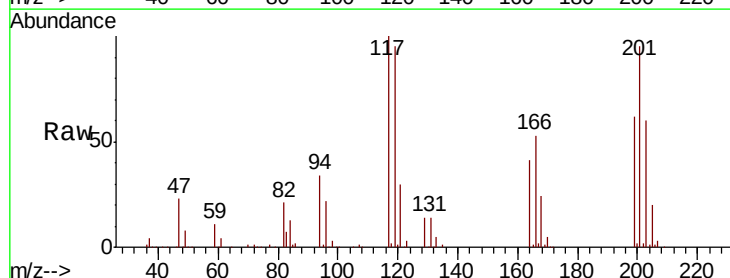
Tgt Ion:117 Resp: 205556

Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.4

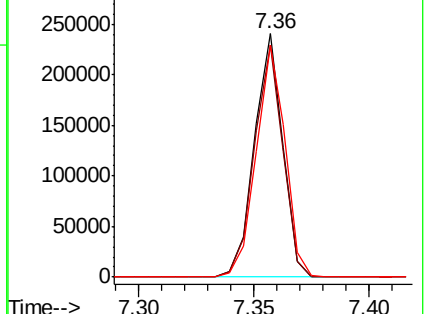
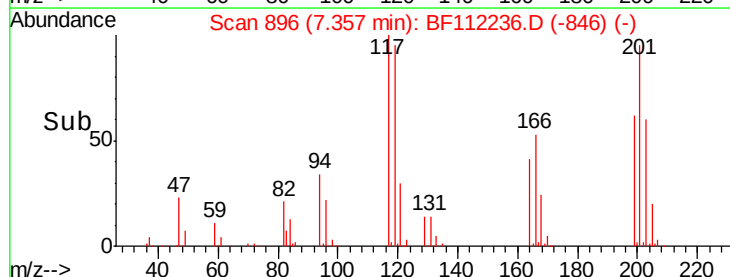
201 95.4 74.1 111.1

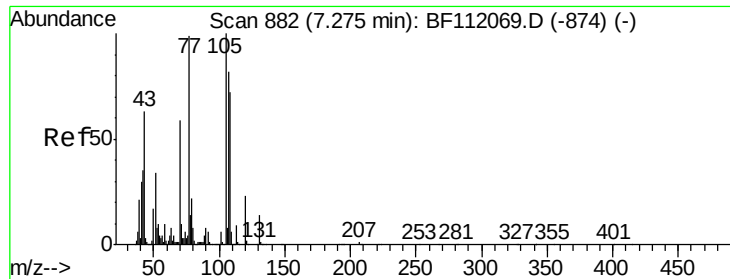


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

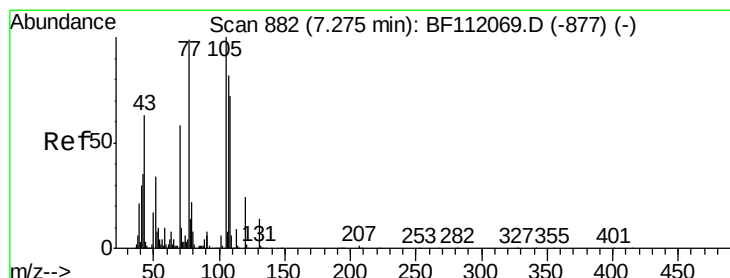
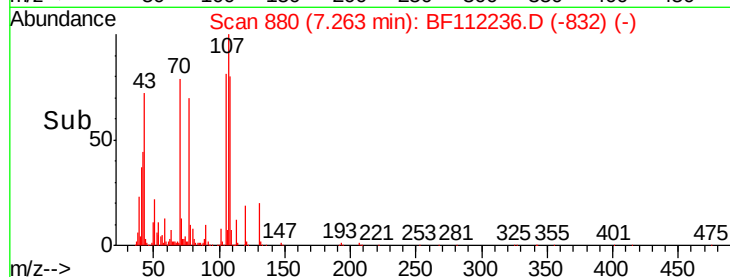
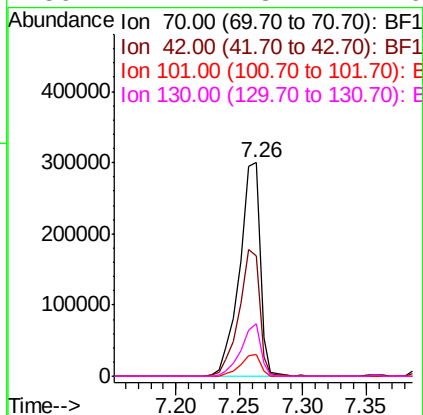
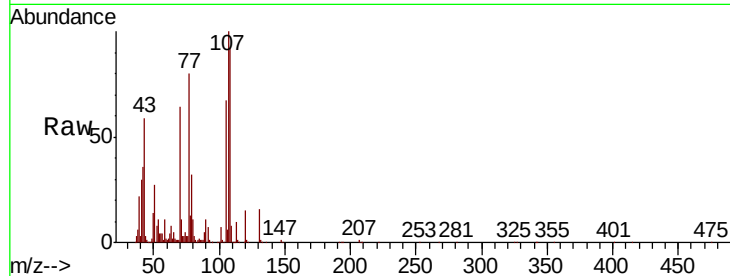




#19
n-Nitroso-di-n-propylamine
Concen: 39.393 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

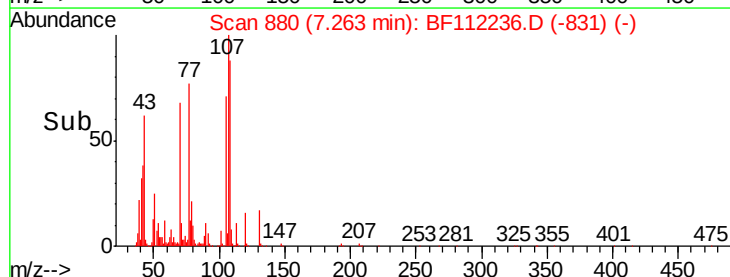
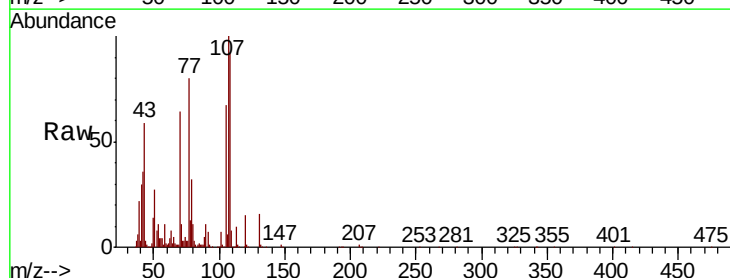
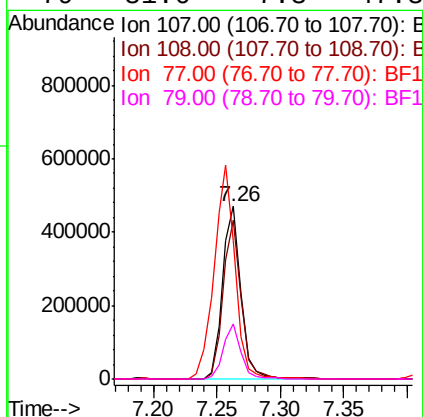
Instrument :
BNA_F
ClientSampleId :
ICVBF012519

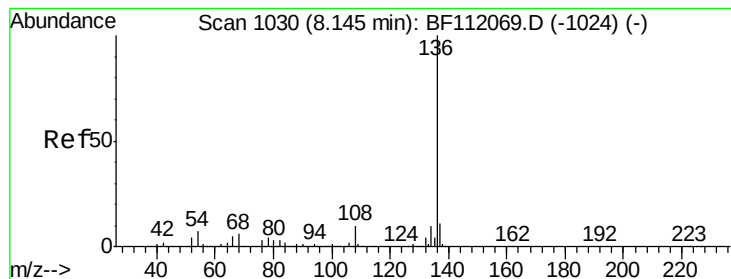
Tgt Ion:	70	Resp:	338056
Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.6	71.4
101	10.4	7.9	11.9
130	24.7	18.4	27.6



#20
3+4-Methylphenols
Concen: 39.079 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:	107	Resp:	477304
Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.2	108.2
77	80.0	100.7	140.7#
79	31.6	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

Tgt Ion:136 Resp: 727323

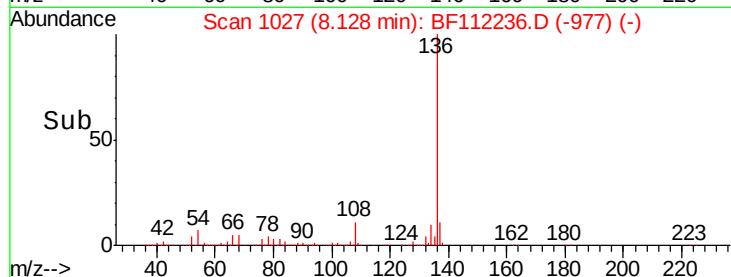
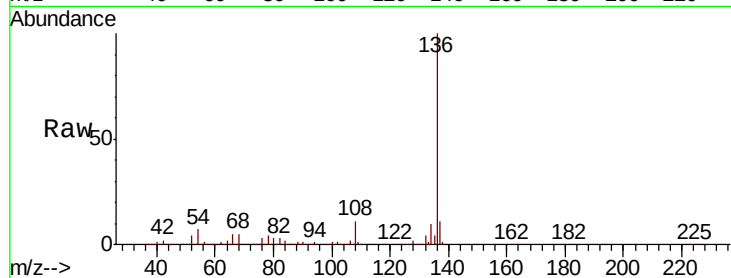
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.5 5.9 8.9

68 5.3 5.1 7.7

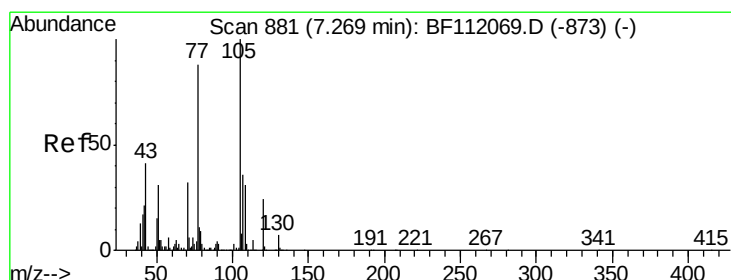
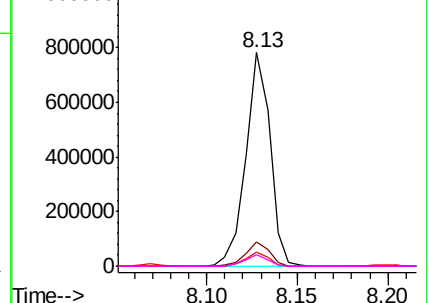


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.171 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Tgt Ion:105 Resp: 693734

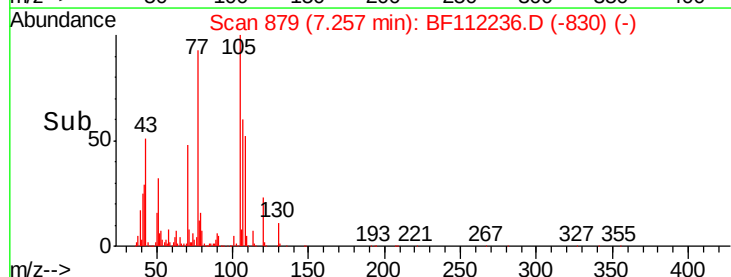
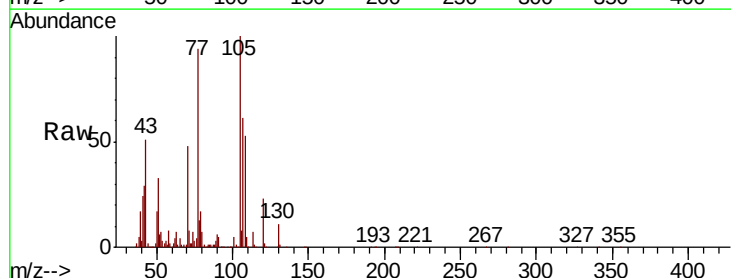
Ion Ratio Lower Upper

105 100

71 8.1 4.6 6.8#

51 32.8 25.0 37.6

120 22.8 19.0 28.4

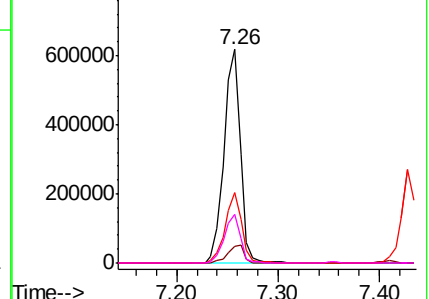


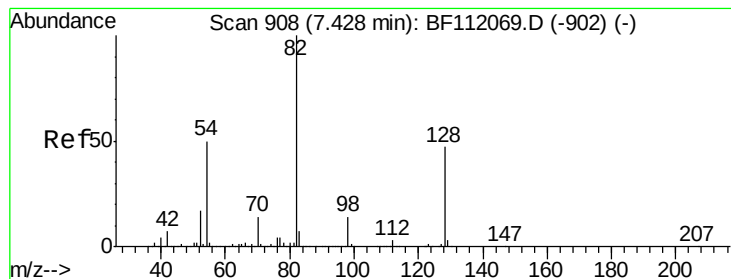
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.131 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

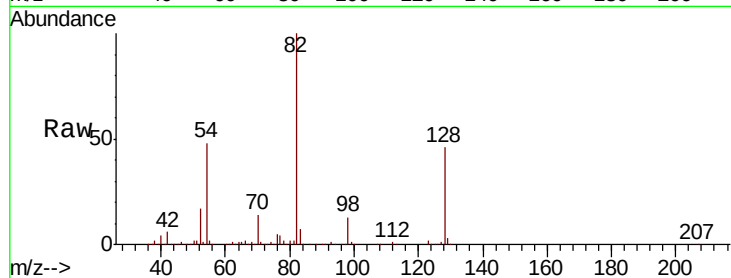
Tgt Ion: 82 Resp: 1011472

Ion Ratio Lower Upper

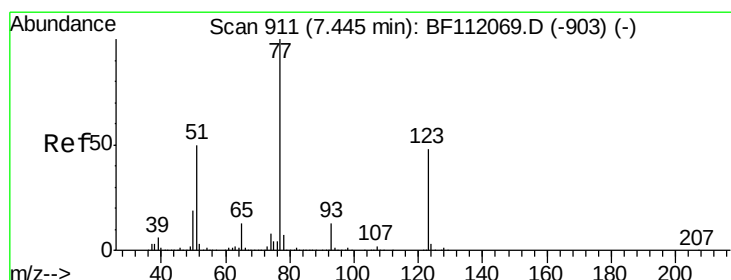
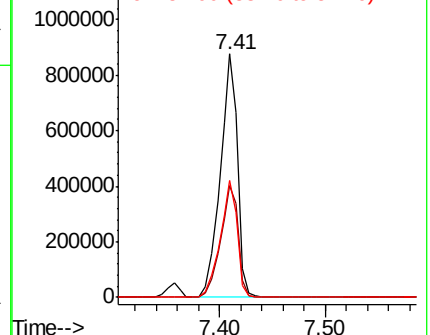
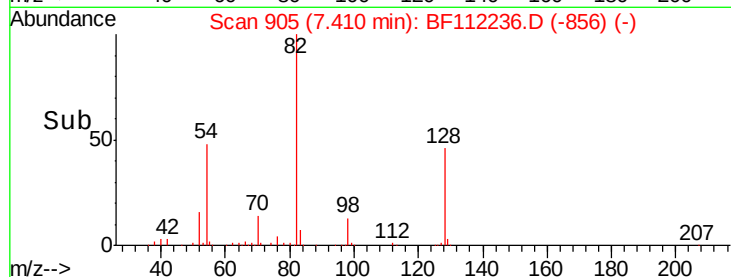
82 100

128 46.2 37.8 56.8

54 48.2 39.7 59.5



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



#24

Nitrobenzene

Concen: 39.767 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

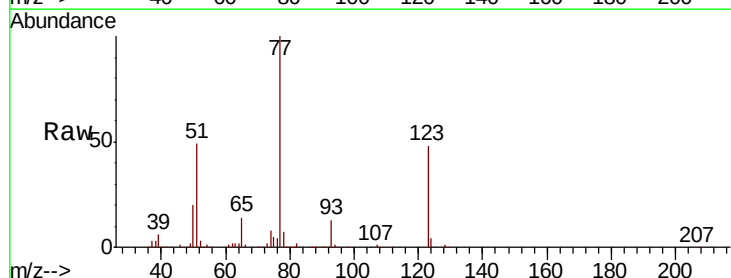
Tgt Ion: 77 Resp: 501318

Ion Ratio Lower Upper

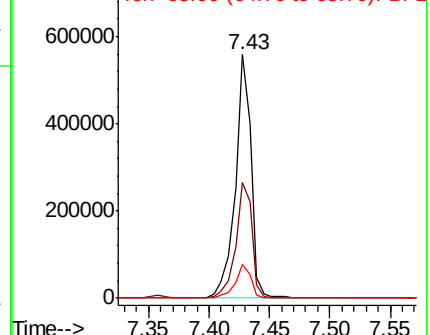
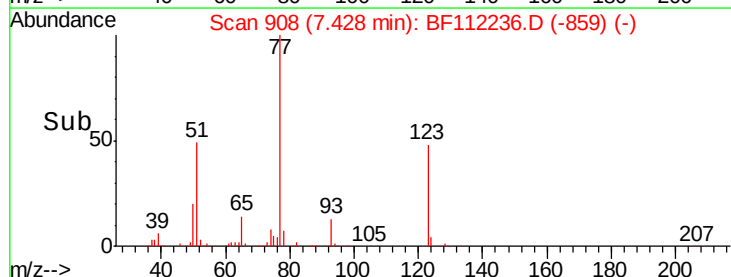
77 100

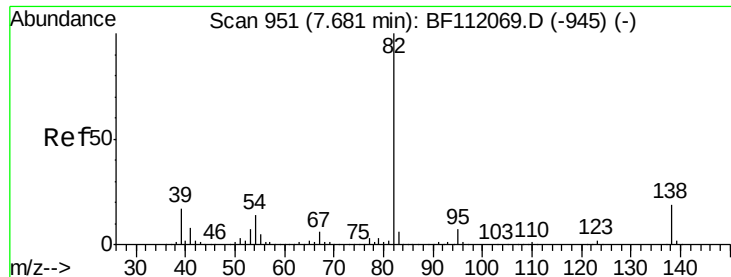
123 47.5 38.4 57.6

65 13.6 10.6 15.8



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

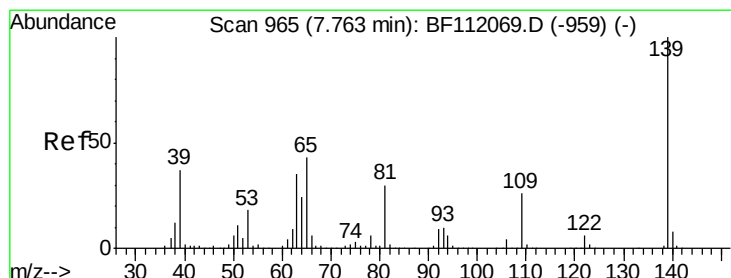
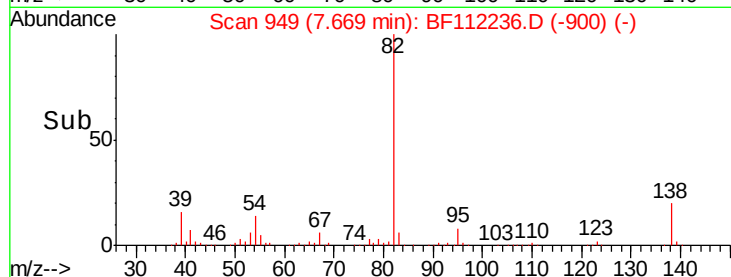
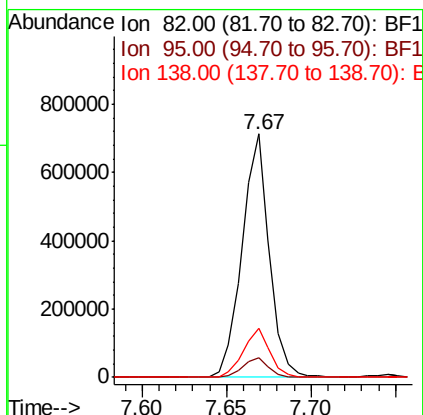
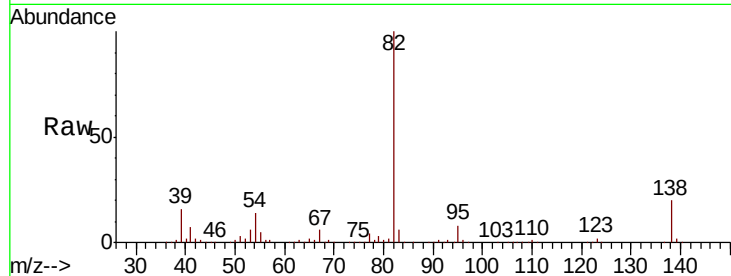




#25
Isophorone
Concen: 40.404 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

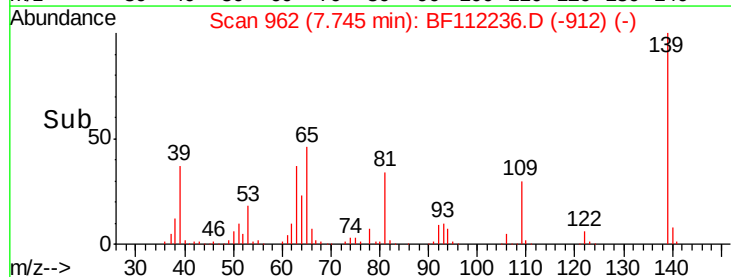
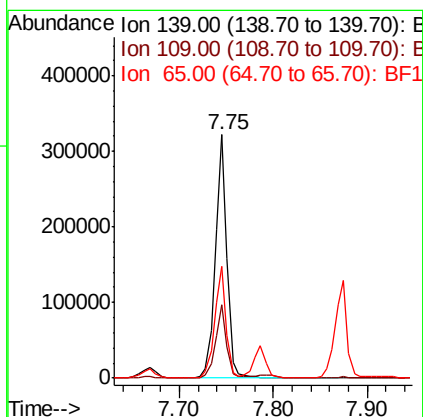
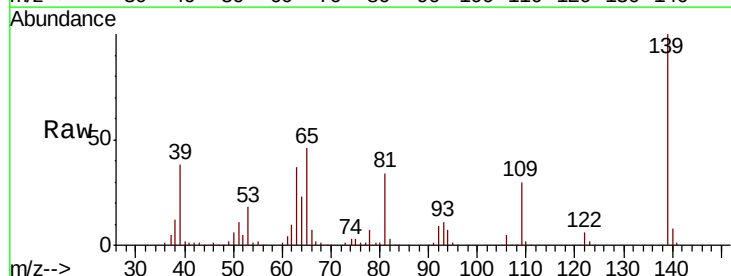
Instrument :
BNA_F
ClientSampleId :
ICVBF012519

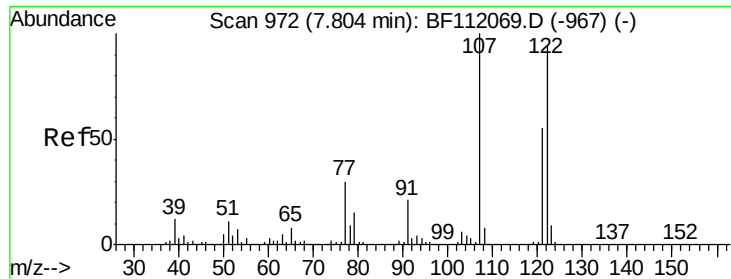
Tgt Ion: 82 Resp: 800092
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 20.0 15.4 23.0



#26
2-Nitrophenol
Concen: 41.843 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion: 139 Resp: 281898
Ion Ratio Lower Upper
139 100
109 30.2 20.8 31.2
65 45.9 34.4 51.6

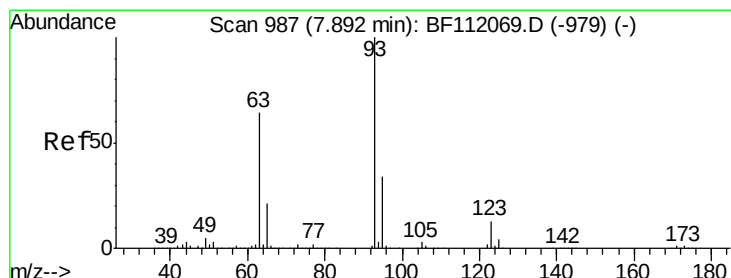
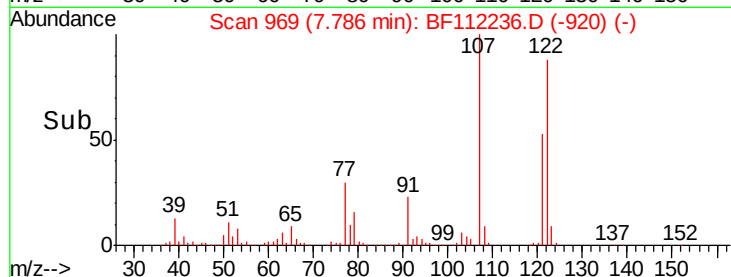
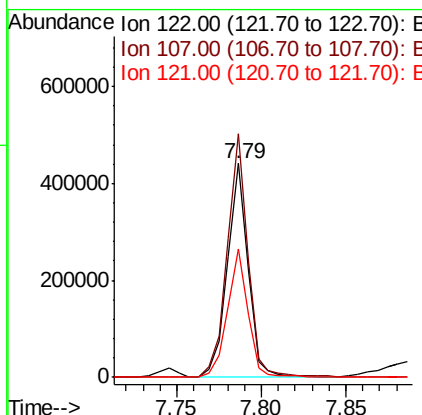
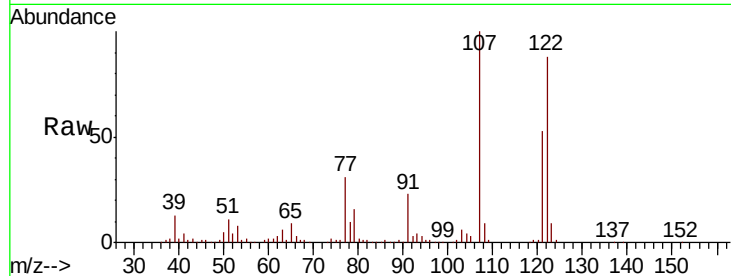




#27
 2,4-Dimethylphenol
 Concen: 40.048 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

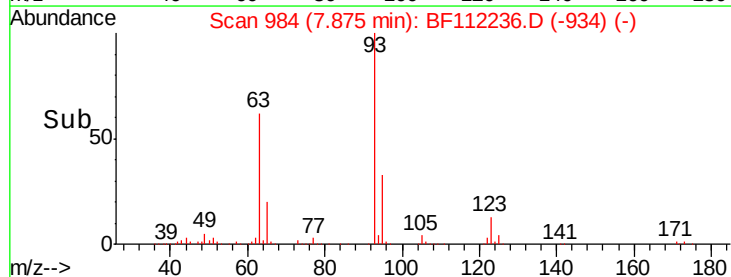
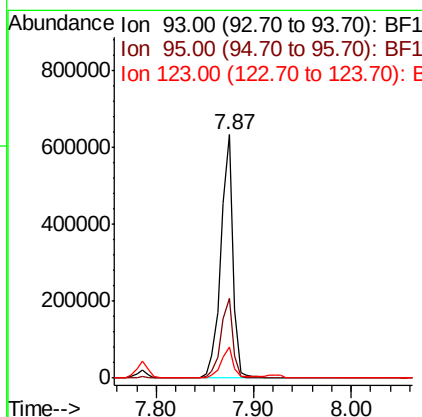
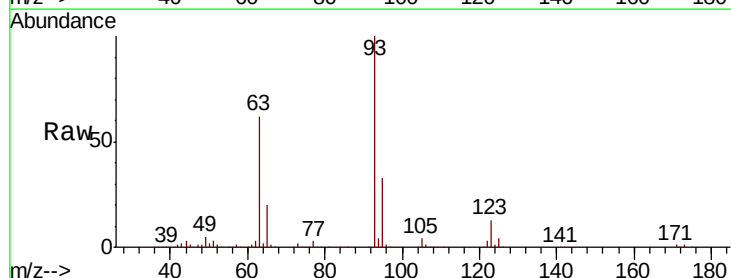
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

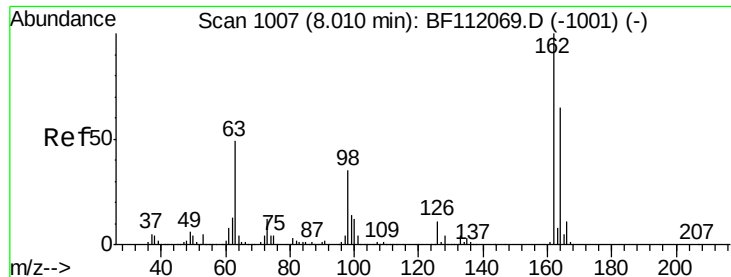
Tgt Ion: 122 Resp: 371731
 Ion Ratio Lower Upper
 122 100
 107 113.9 85.4 128.0
 121 60.3 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.490 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion: 93 Resp: 545960
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.8 40.2
 123 12.8 10.2 15.2

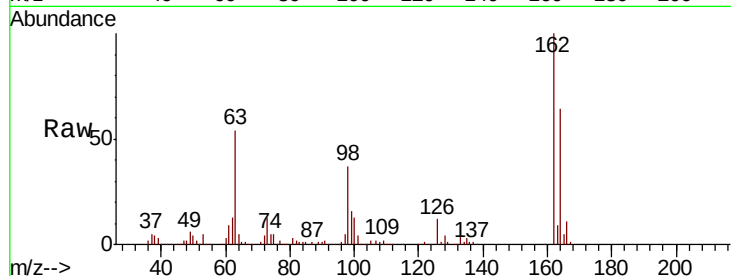




#29
2,4-Dichlorophenol
Concen: 40.631 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	36.8	14.6	54.6

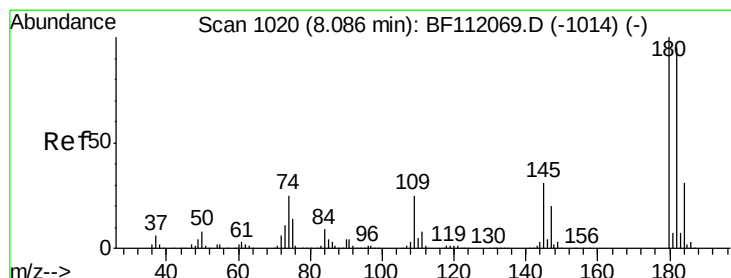
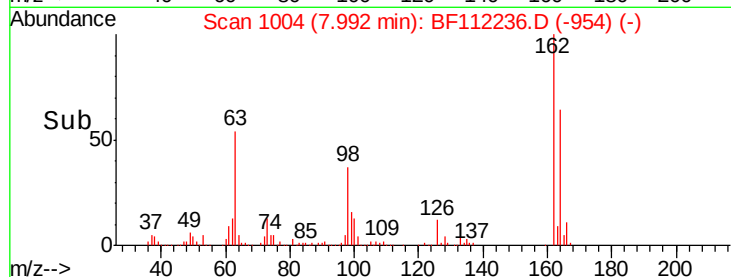
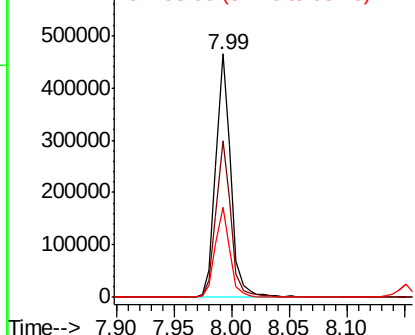


Abundance

Ion 162.00 (161.70 to 162.70): E

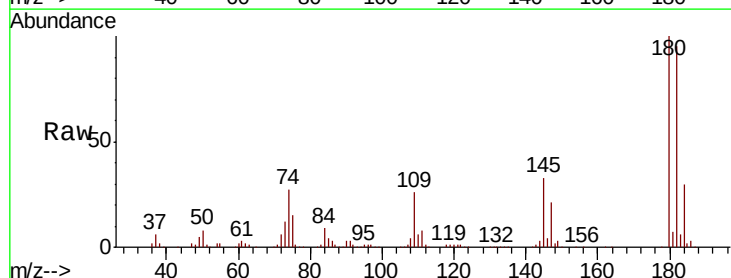
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.194 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	32.9	25.0	37.4

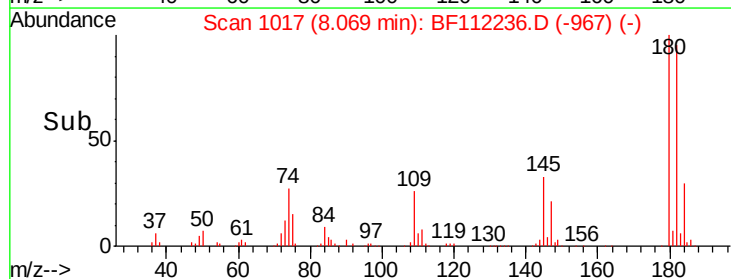
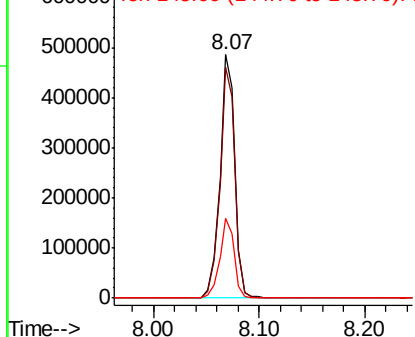


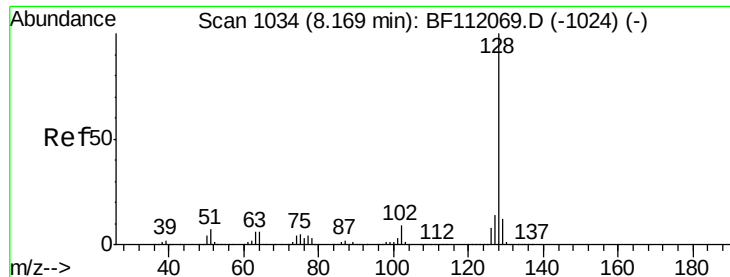
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

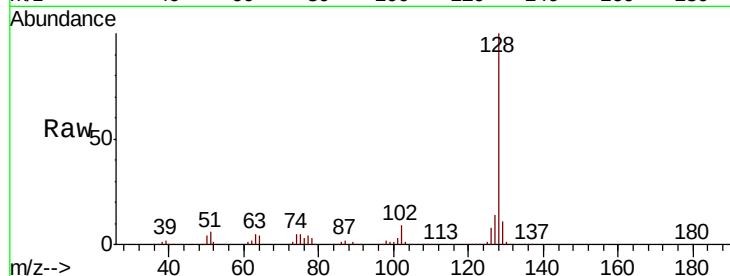




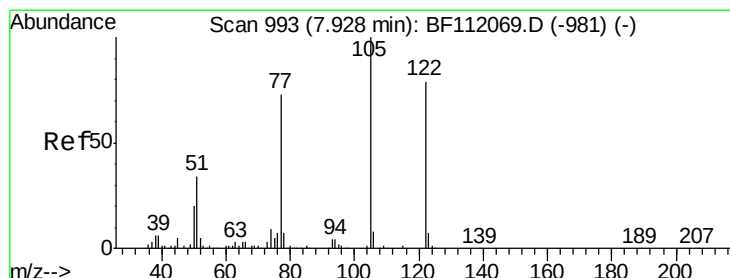
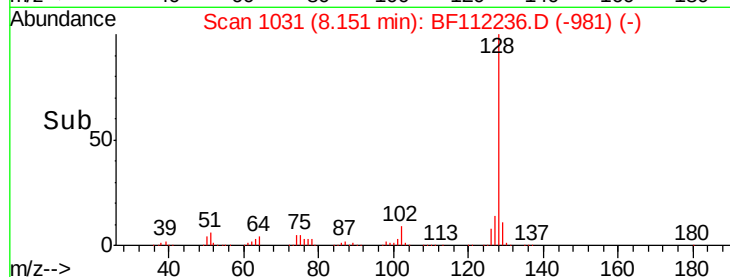
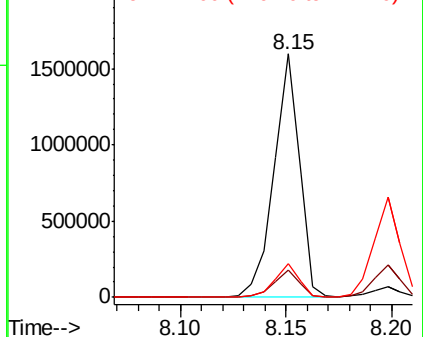
#31
Naphthalene
Concen: 39.649 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion:128 Resp: 1348563
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.8 11.1 16.7

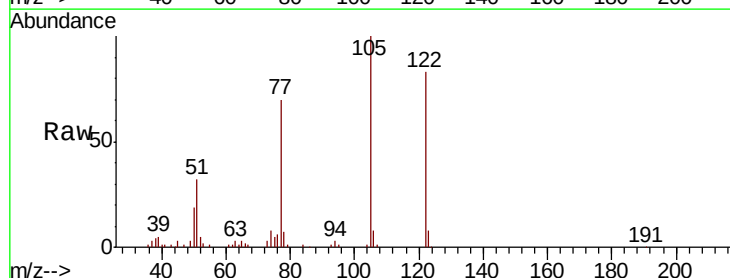


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

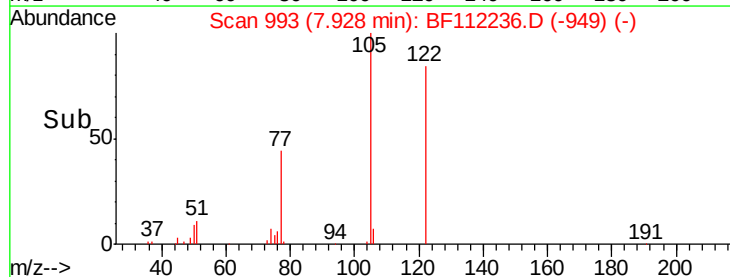
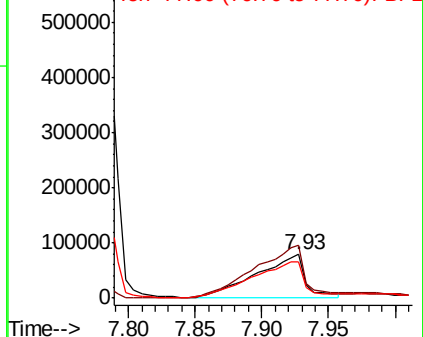


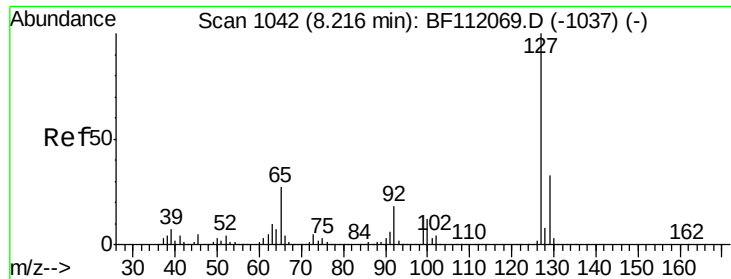
#32
Benzoic acid
Concen: 37.040 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.04 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:122 Resp: 196116
Ion Ratio Lower Upper
122 100
105 120.7 101.2 141.2
77 84.5 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

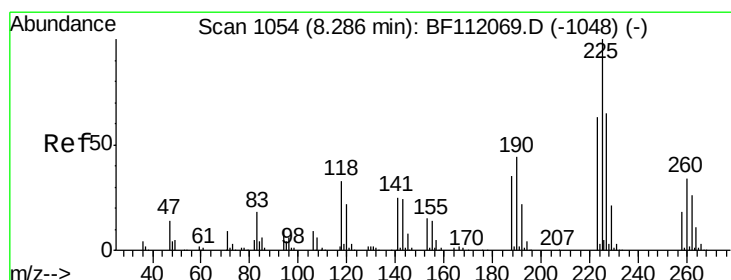
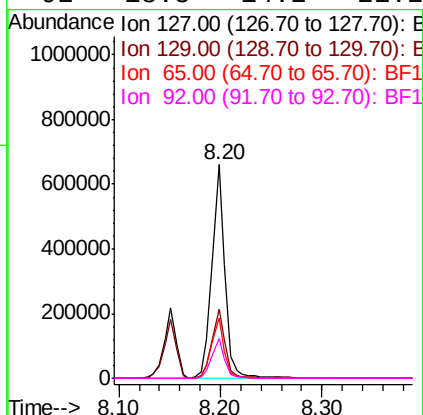
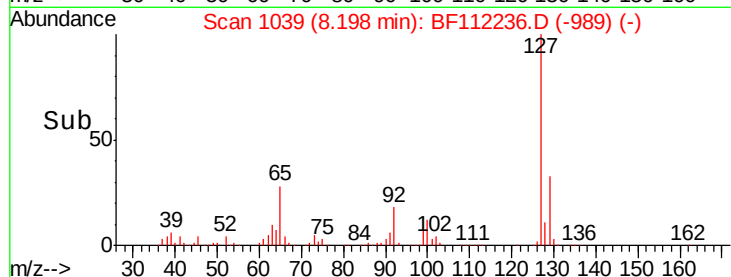
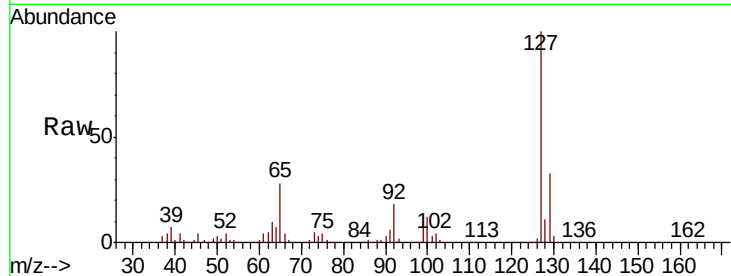




#33
4-Chloroaniline
Concen: 40.068 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

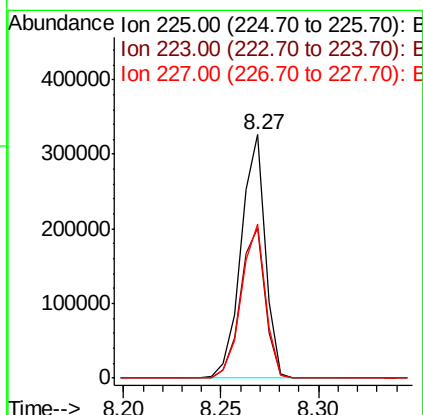
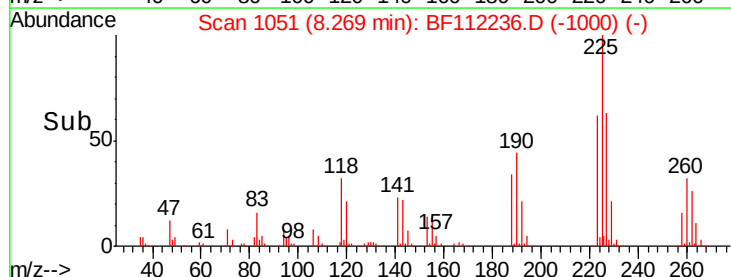
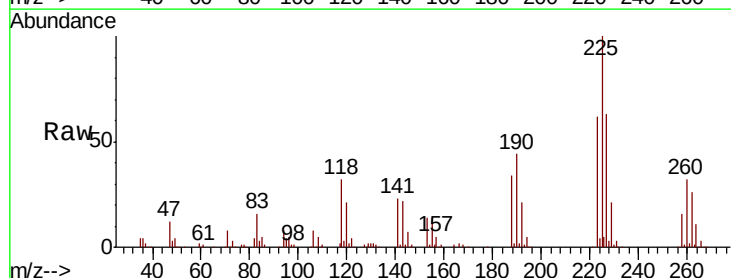
Instrument :
BNA_F
ClientSampleId :
ICVBF012519

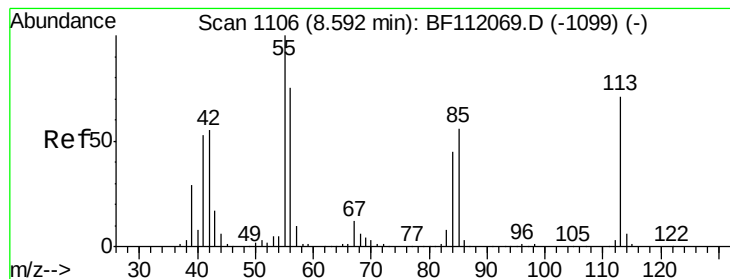
Tgt Ion:	127	Resp:	593411
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	27.9	21.4	32.2
92	18.5	14.2	21.2



#34
Hexachlorobutadiene
Concen: 40.157 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:	225	Resp:	281360
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	63.4	51.8	77.8





#35

Caprolactam

Concen: 38.952 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.04 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

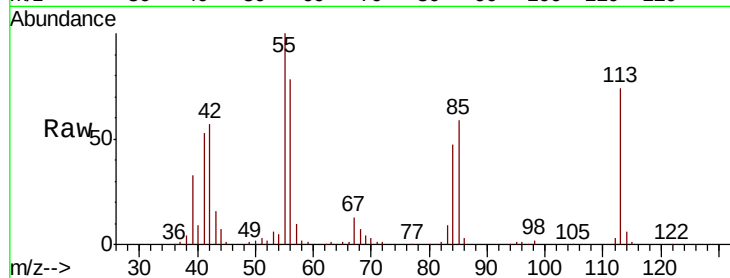
Tgt Ion:113 Resp: 142735

Ion Ratio Lower Upper

113 100

55 135.7 121.6 161.6

56 105.3 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

150000

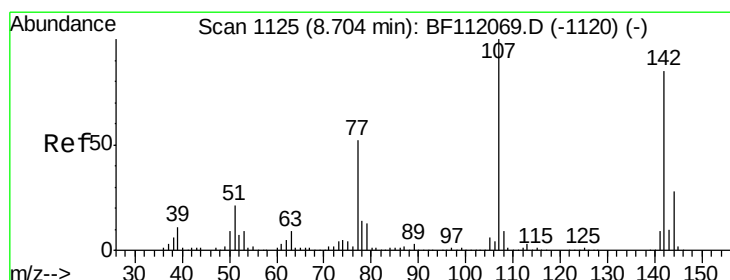
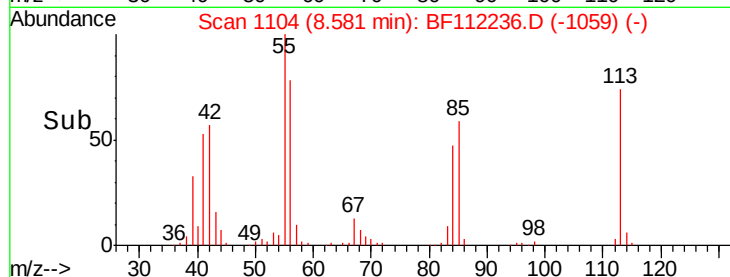
100000

50000

0

8.50 8.55 8.60 8.65

Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.058 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

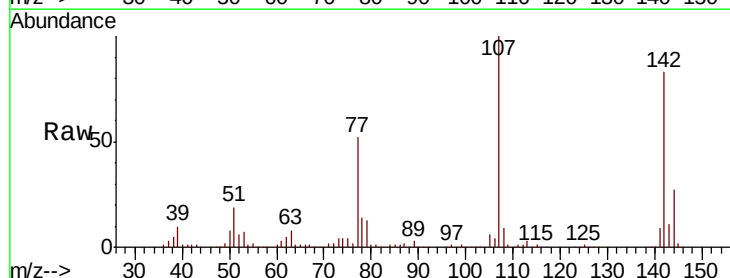
Tgt Ion:107 Resp: 429497

Ion Ratio Lower Upper

107 100

144 26.8 22.2 33.2

142 82.6 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

600000

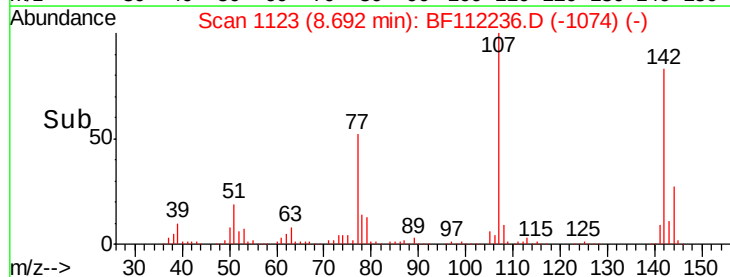
400000

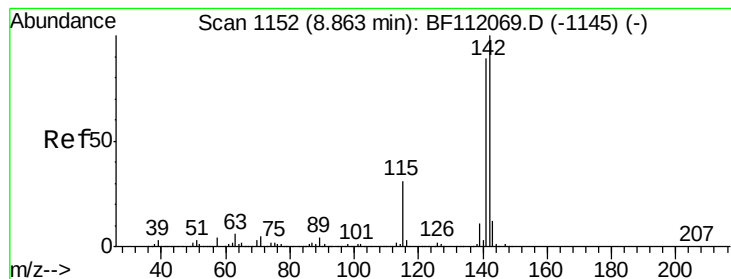
200000

0

8.65 8.70 8.75 8.80

Time-->





#37

2-Methylnaphthalene

Concen: 37.397 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

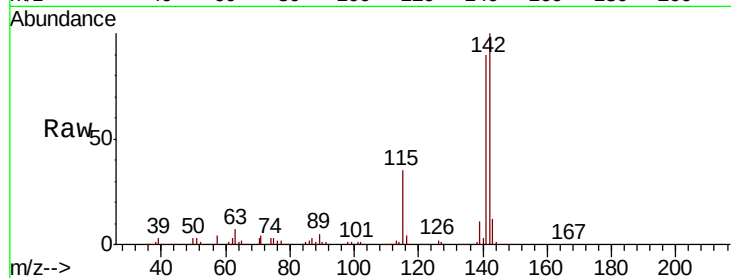
Tgt Ion:142 Resp: 870774

Ion Ratio Lower Upper

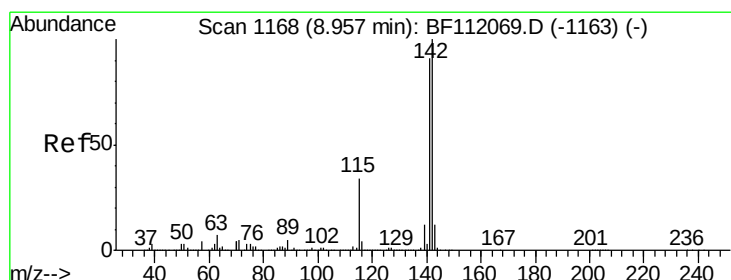
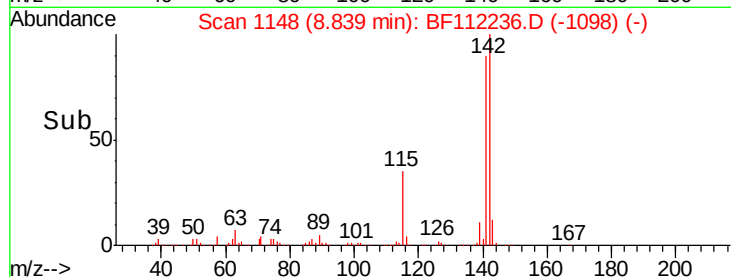
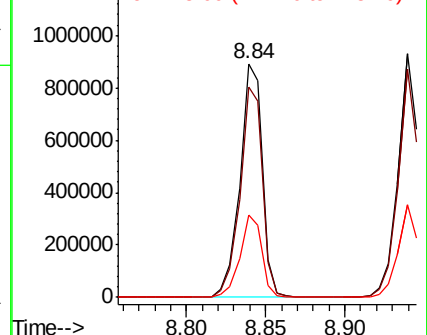
142 100

141 89.8 70.9 106.3

115 35.4 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: 35.698 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

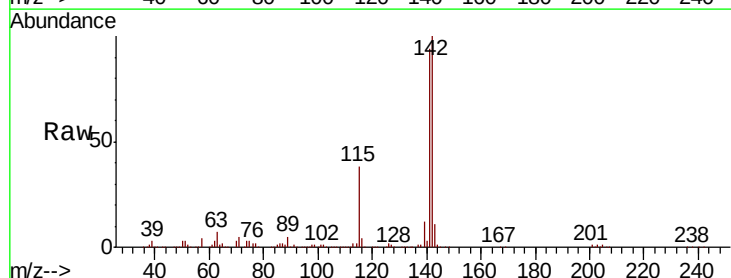
Tgt Ion:142 Resp: 796699

Ion Ratio Lower Upper

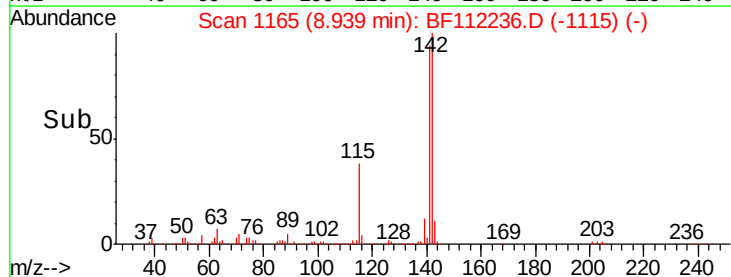
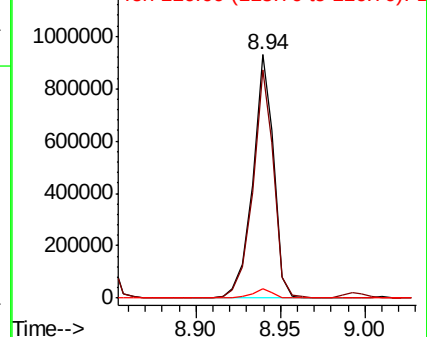
142 100

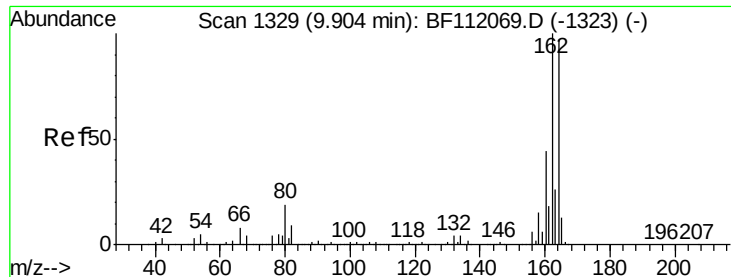
141 93.8 72.6 108.8

116 4.1 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

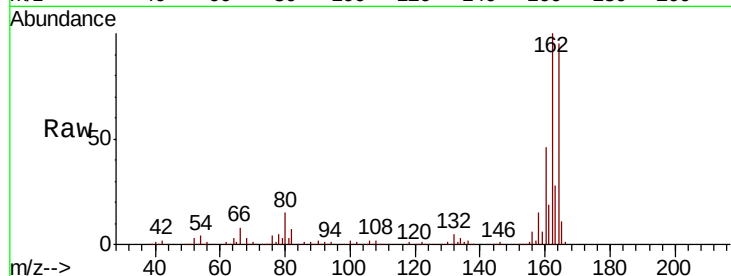




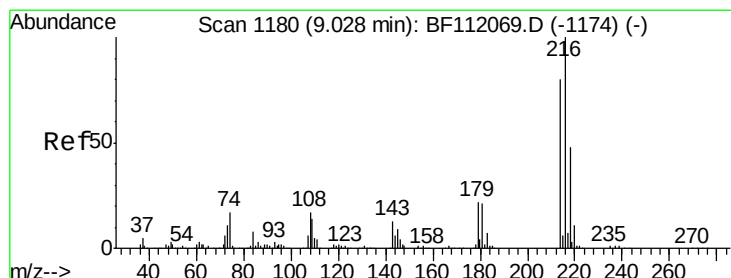
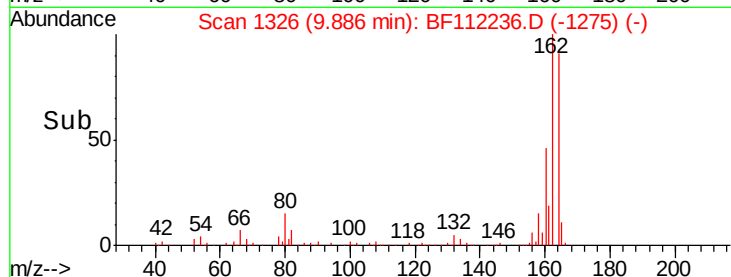
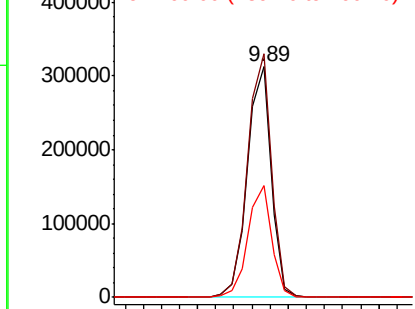
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Tgt Ion:164 Resp: 285919
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.2 123.4
 160 48.3 36.2 54.4

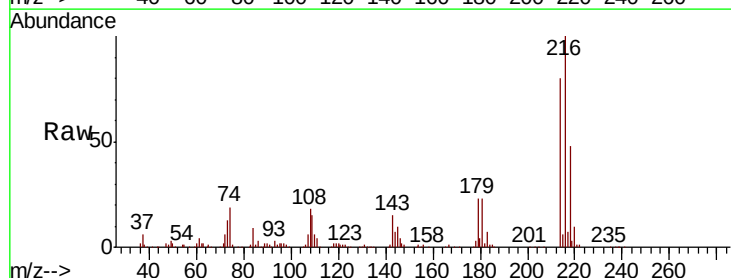


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

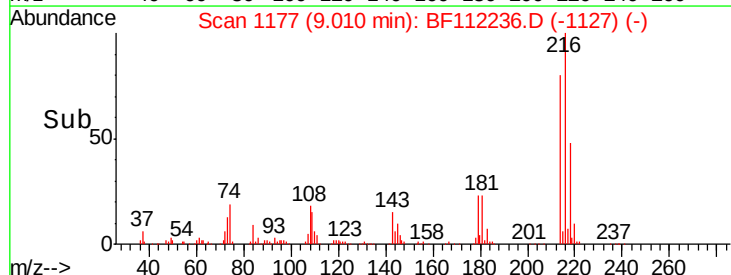
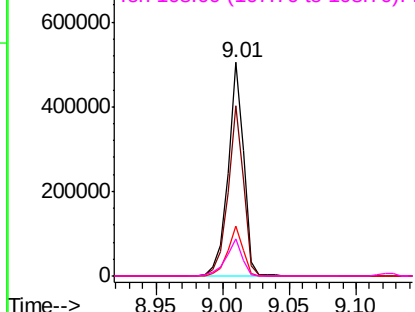


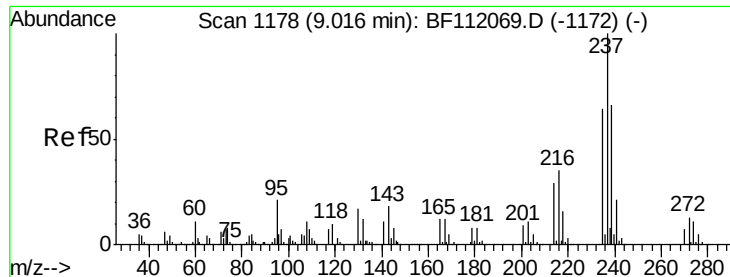
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.596 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion:216 Resp: 418657
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.8 95.6
 179 22.7 16.9 25.3
 108 18.5 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

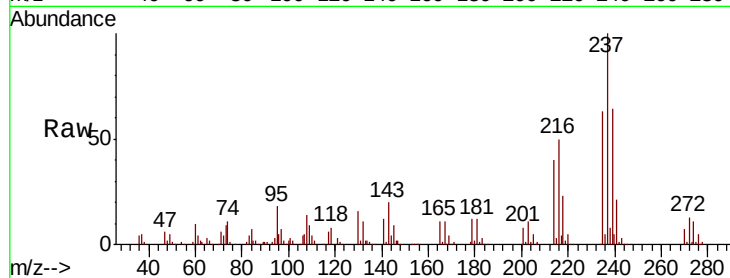




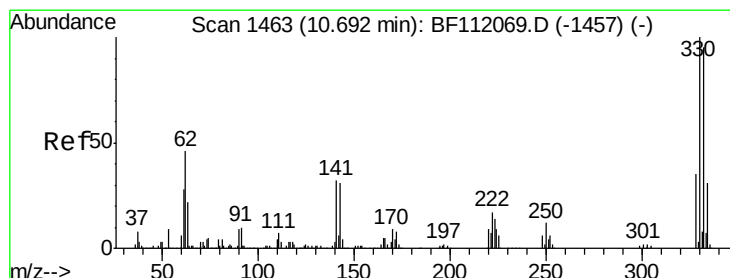
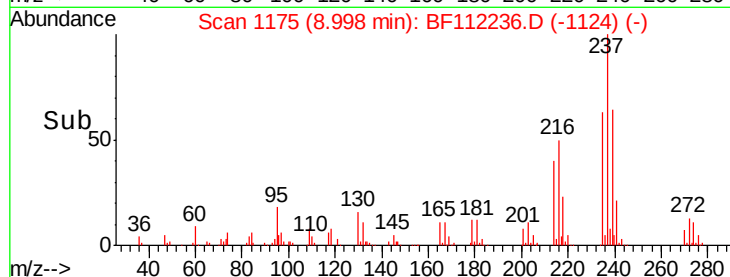
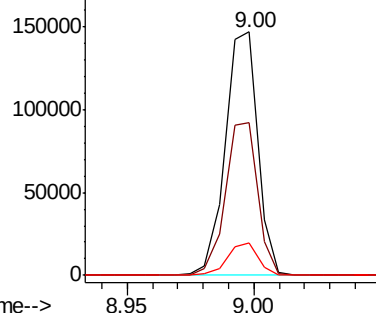
#41
Hexachlorocyclopentadiene
Concen: 42.193 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion: 237 Resp: 131981
Ion Ratio Lower Upper
237 100
235 62.5 44.0 84.0
272 13.3 0.0 33.3

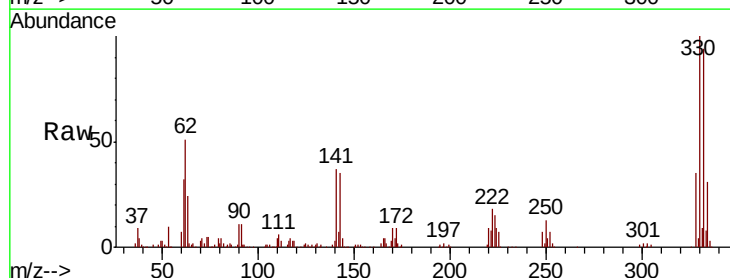


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

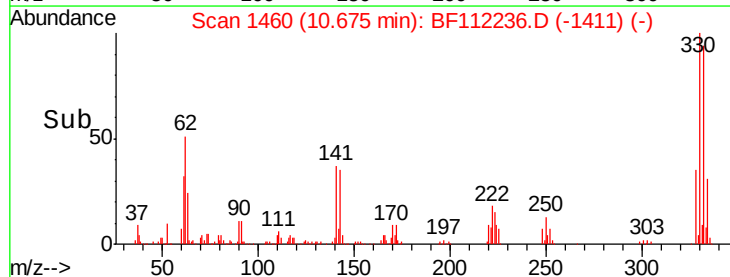
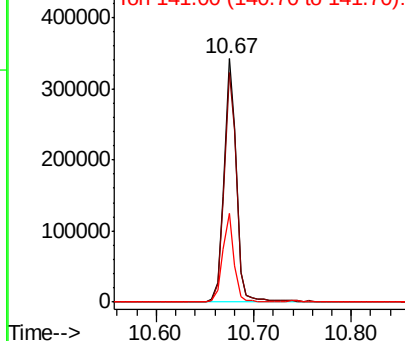


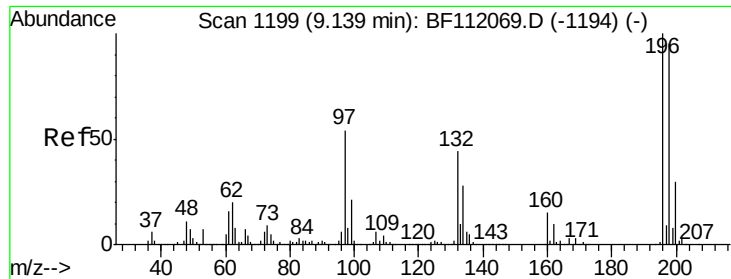
#42
2,4,6-Tribromophenol
Concen: 90.583 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion: 330 Resp: 301461
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 33.7 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

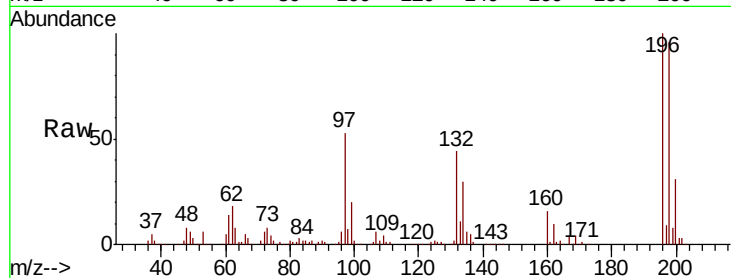




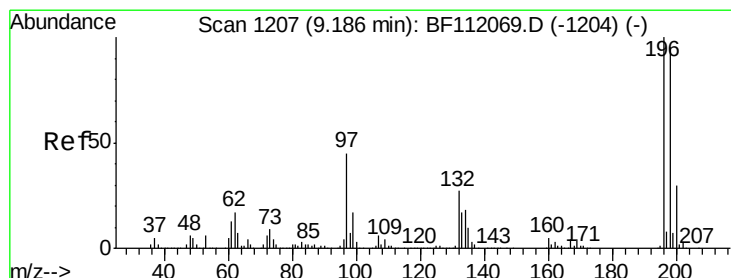
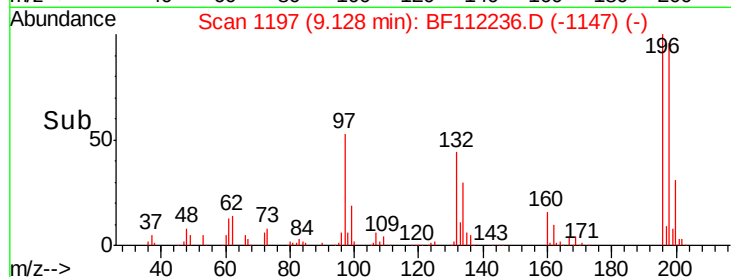
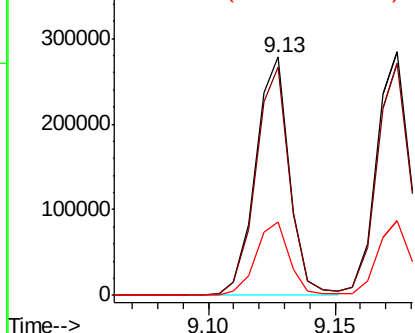
#43
 2,4,6-Trichlorophenol
 Concen: 45.186 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Tgt Ion:196 Resp: 261477
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 200 30.7 24.3 36.5



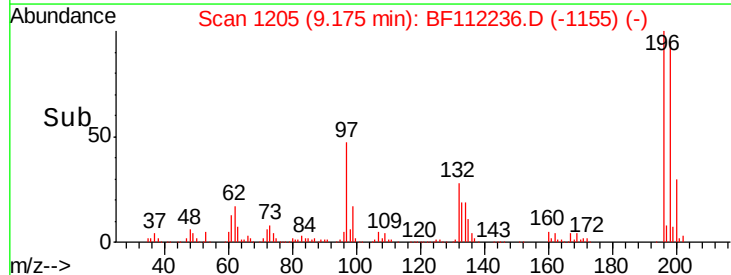
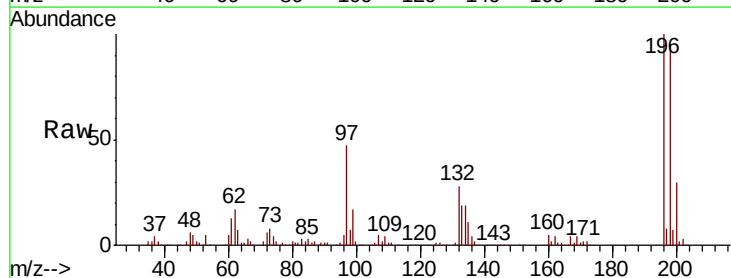
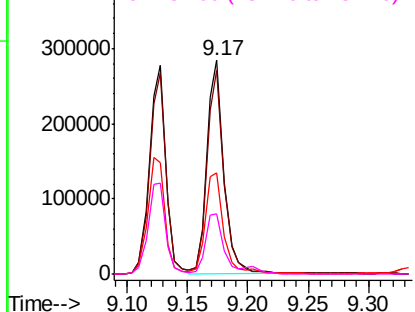
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

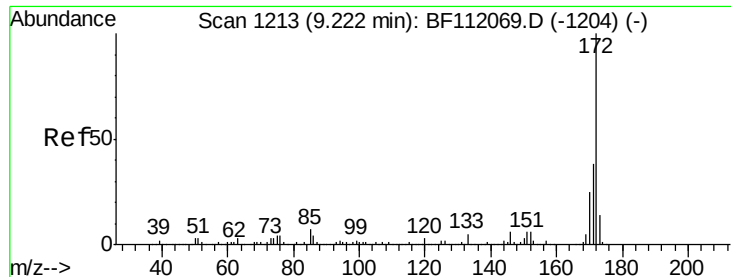


#44
 2,4,5-Trichlorophenol
 Concen: 45.647 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion:196 Resp: 276065
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.0 114.0
 97 47.2 36.4 54.6
 132 27.9 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: 86.738 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

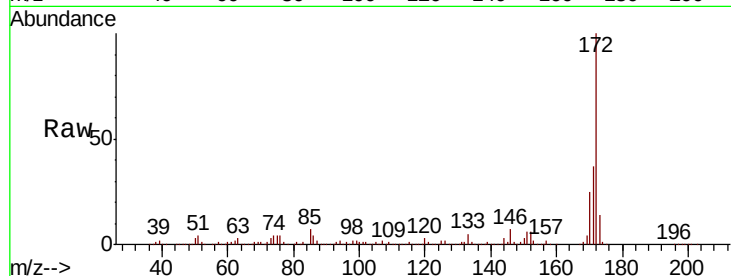
Tgt Ion:172 Resp: 1753480

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

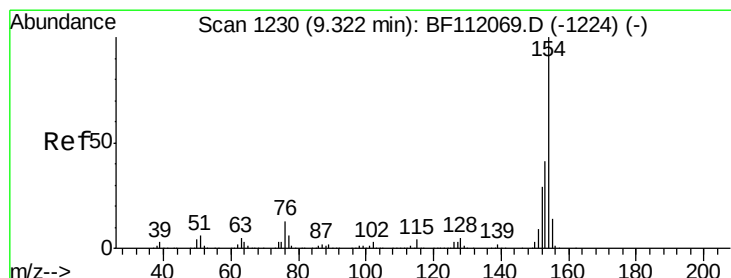
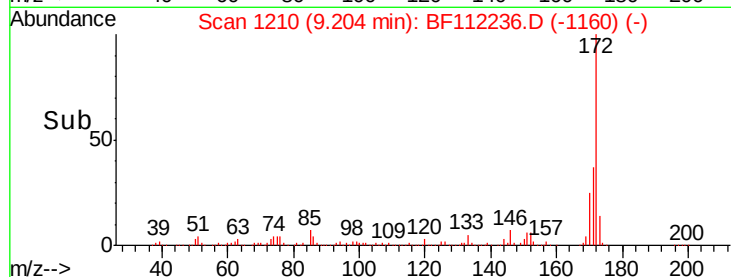
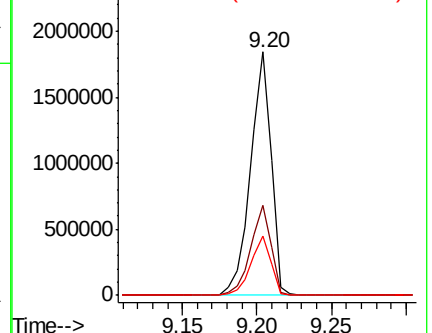
170 24.6 20.2 30.4



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: 43.831 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

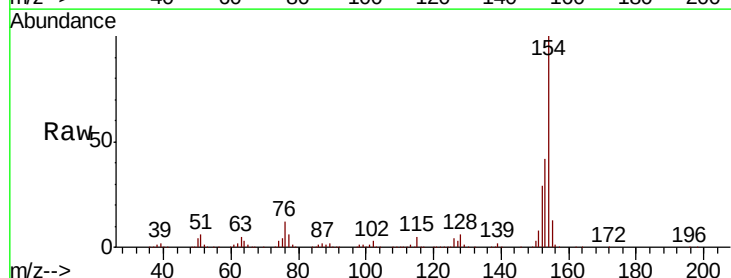
Tgt Ion:154 Resp: 1095597

Ion Ratio Lower Upper

154 100

153 41.8 21.5 61.5

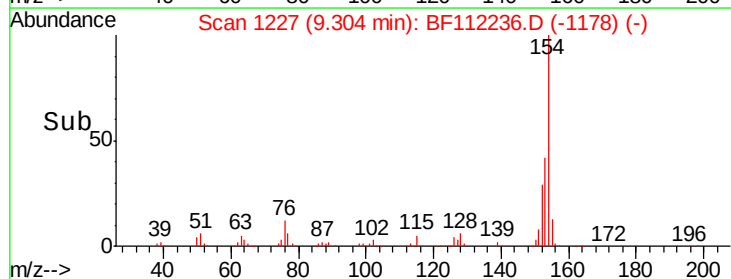
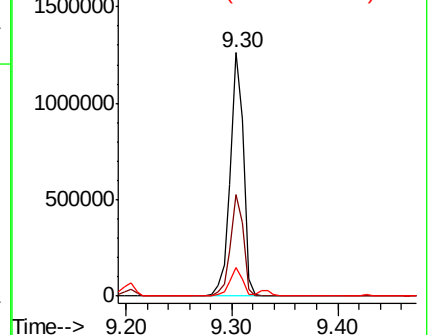
76 11.9 0.0 33.1

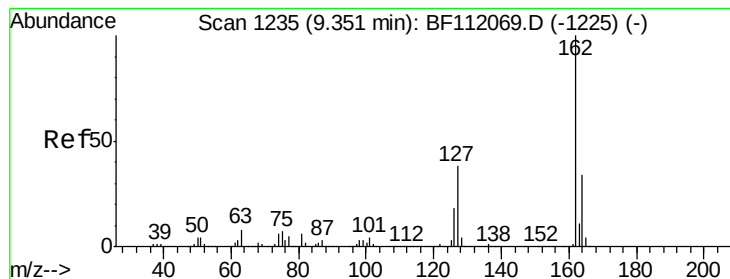


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 43.957 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

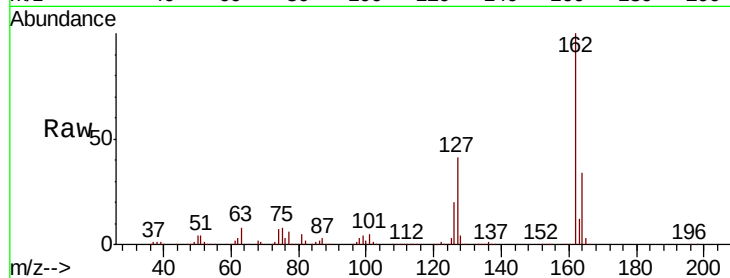
Tgt Ion: 162 Resp: 852057

Ion Ratio Lower Upper

162 100

127 41.1 30.4 45.6

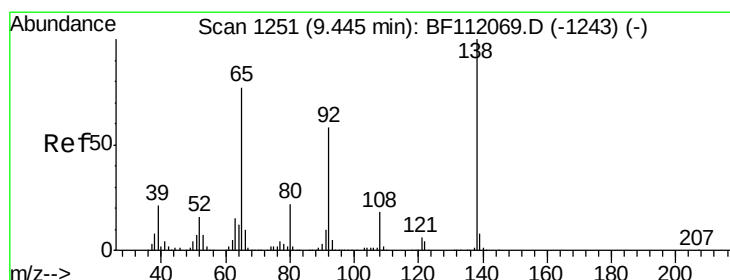
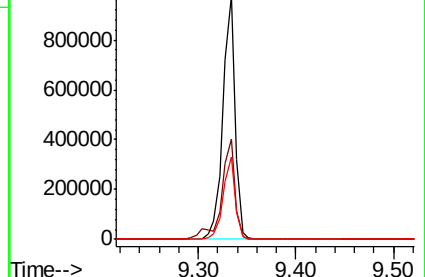
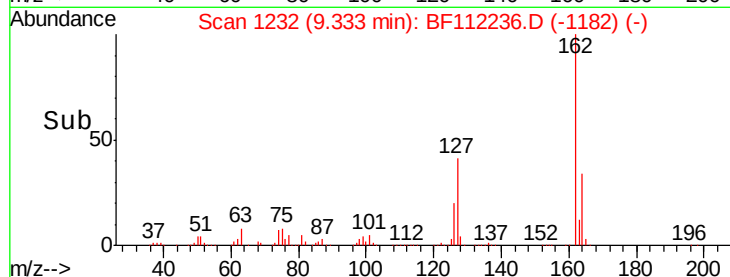
164 33.6 27.4 41.2



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: 43.623 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

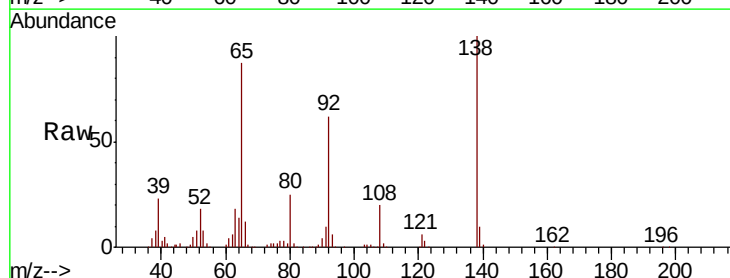
Tgt Ion: 65 Resp: 230469

Ion Ratio Lower Upper

65 100

92 71.2 60.4 90.6

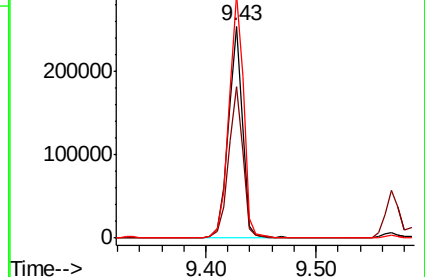
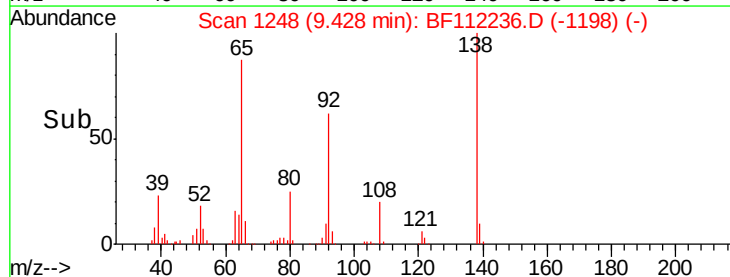
138 114.8 104.4 156.6

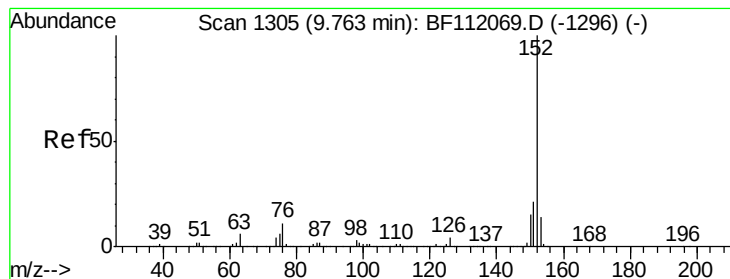


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.885 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

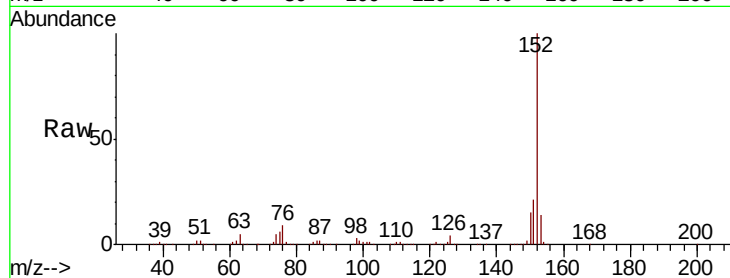
Tgt Ion:152 Resp: 1246800

Ion Ratio Lower Upper

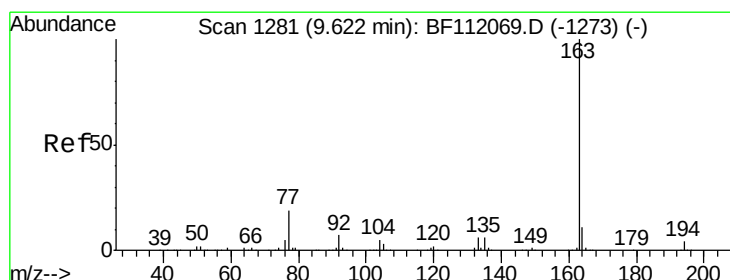
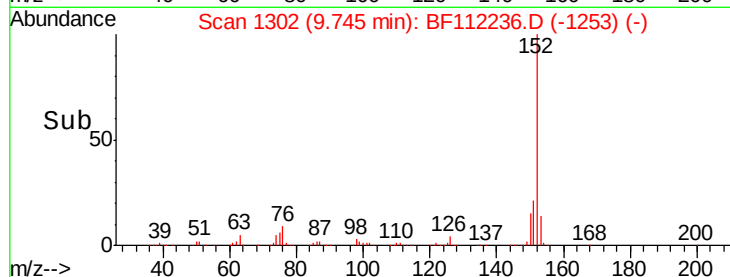
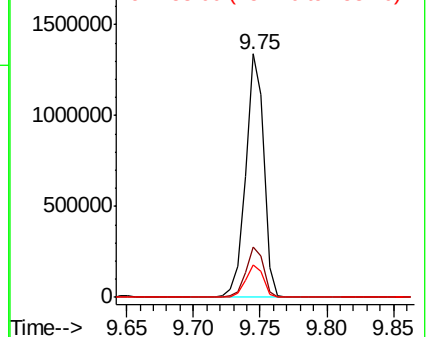
152 100

151 20.9 17.0 25.6

153 13.5 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: 43.561 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

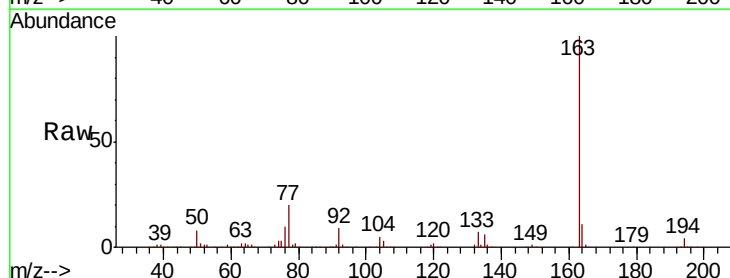
Tgt Ion:163 Resp: 967688

Ion Ratio Lower Upper

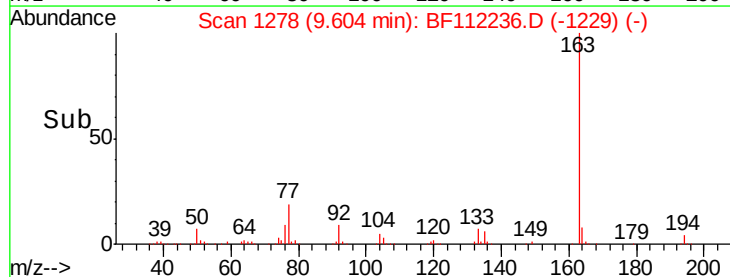
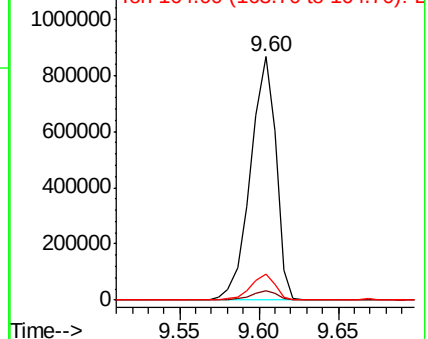
163 100

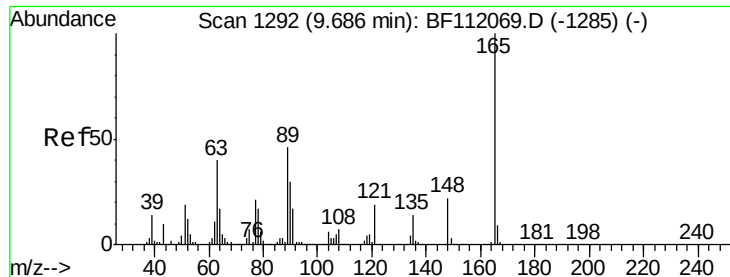
194 3.8 3.3 4.9

164 10.6 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

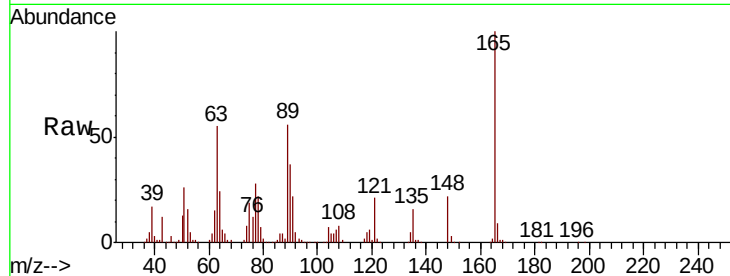




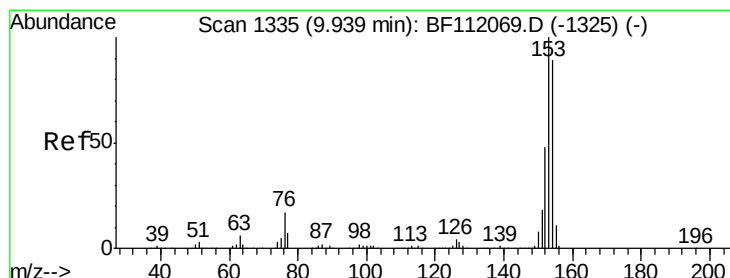
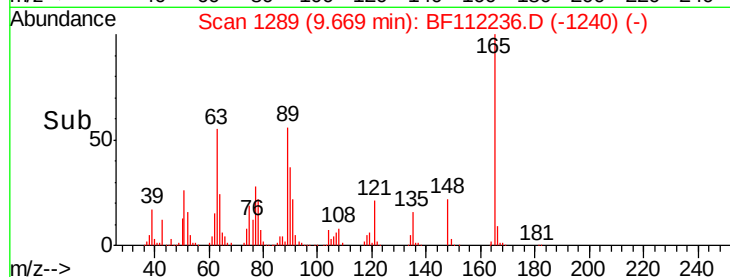
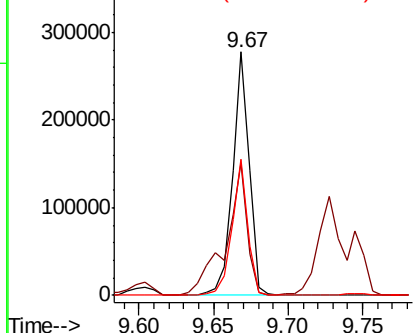
#51
 2,6-Dinitrotoluene
 Concen: 44.101 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Tgt Ion:165 Resp: 219410
 Ion Ratio Lower Upper
 165 100
 63 54.5 33.8 50.8#
 89 55.9 36.9 55.3#

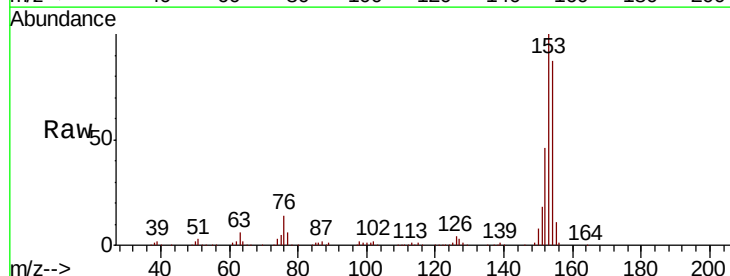


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

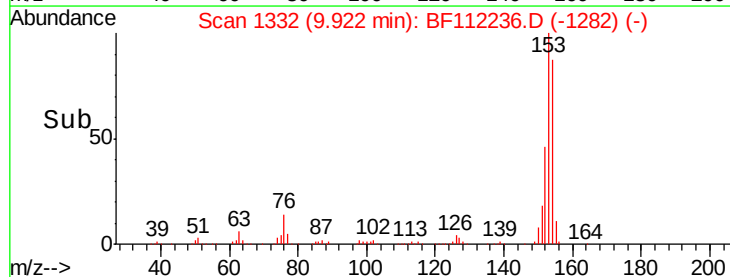
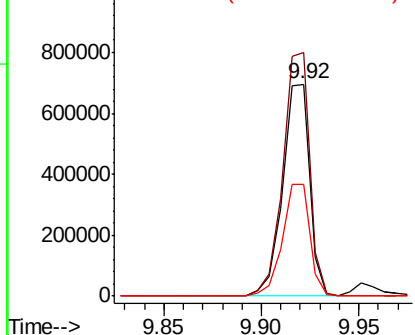


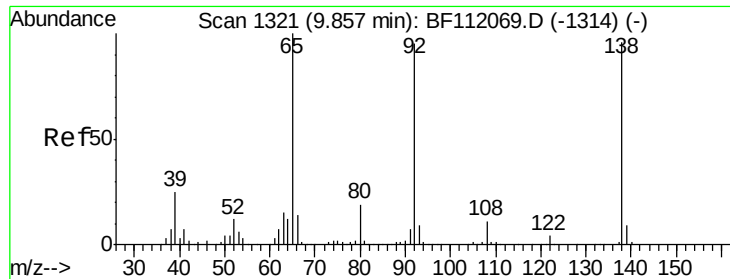
#52
 Acenaphthene
 Concen: 39.523 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion:154 Resp: 670780
 Ion Ratio Lower Upper
 154 100
 153 114.8 89.8 134.6
 152 52.7 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

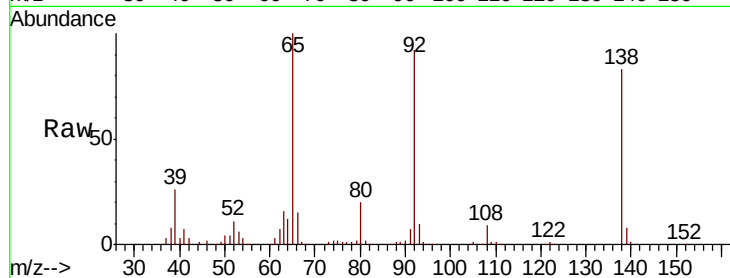




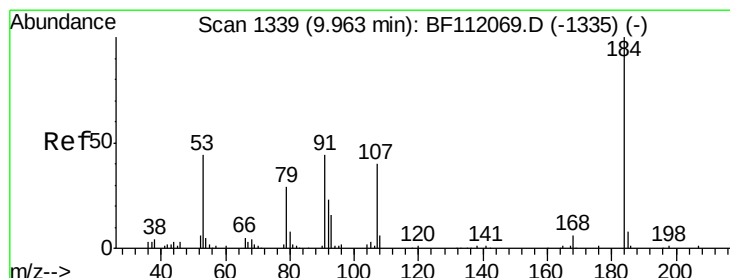
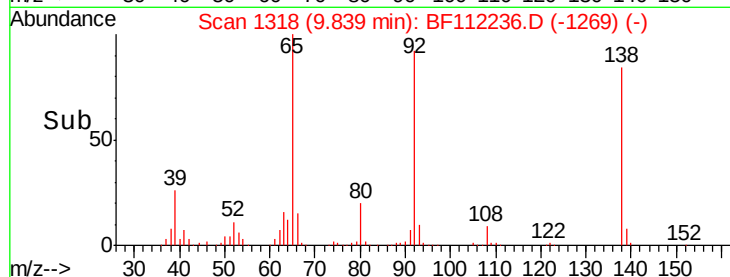
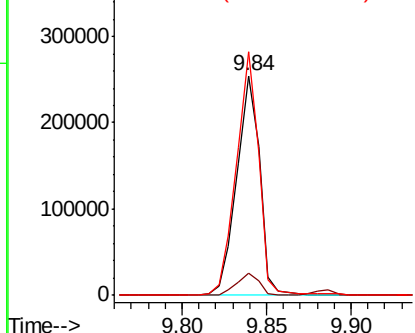
#53
3-Nitroaniline
Concen: 44.761 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion:138 Resp: 241260
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 110.8 79.4 119.2

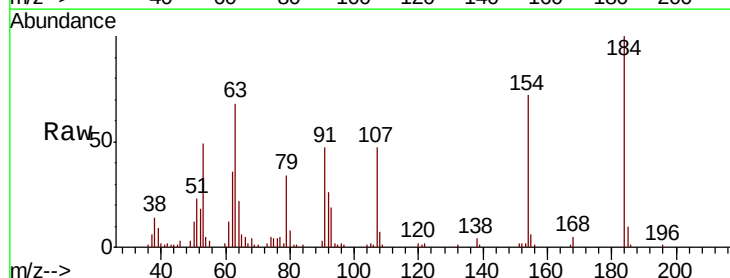


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

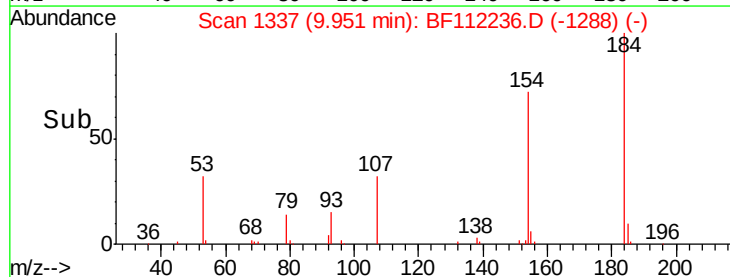
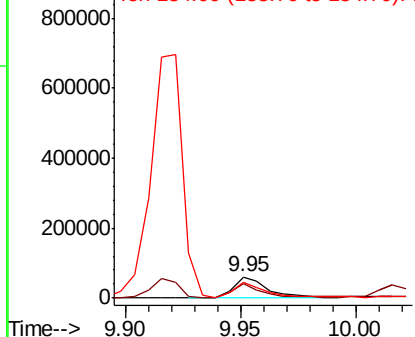


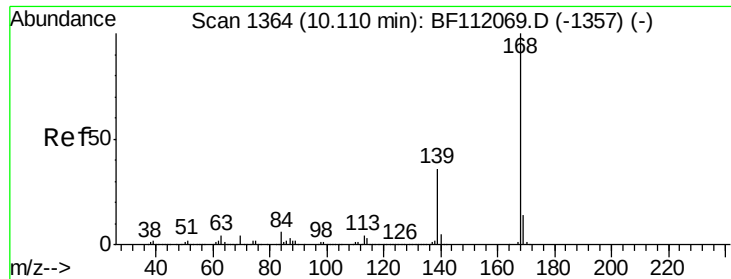
#54
2,4-Dinitrophenol
Concen: 40.400 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:184 Resp: 64506
Ion Ratio Lower Upper
184 100
63 67.8 47.1 70.7
154 72.3 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: 44.102 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

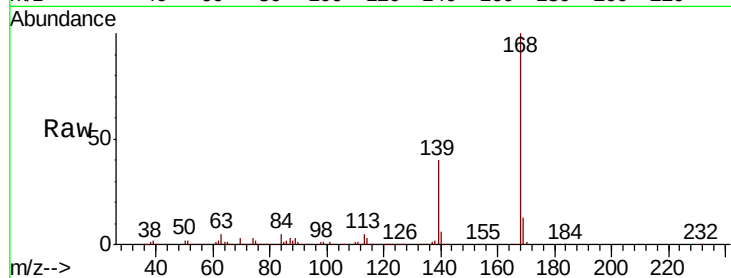
Tgt Ion:168 Resp: 1143819

Ion Ratio Lower Upper

168 100

139 39.5 29.2 43.8

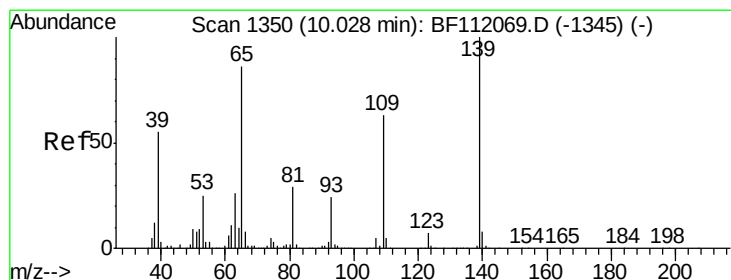
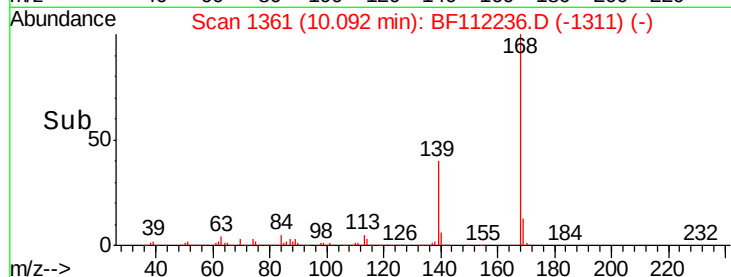
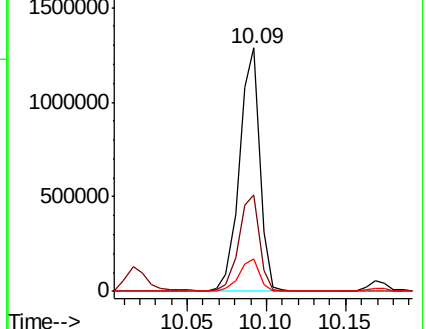
169 13.3 11.4 17.0



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: 45.888 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

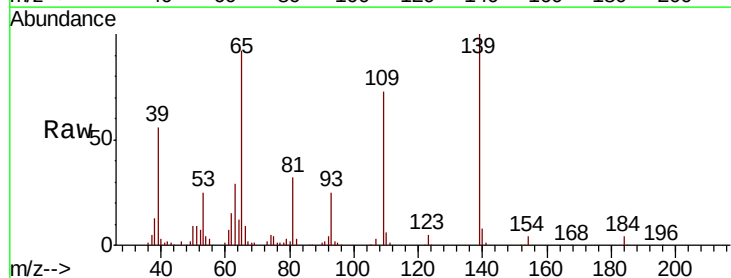
Tgt Ion:139 Resp: 130764

Ion Ratio Lower Upper

139 100

109 73.0 42.8 82.8

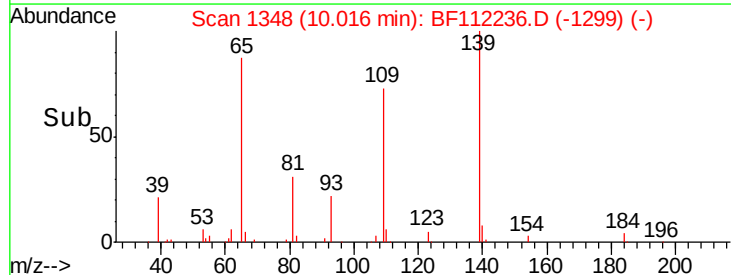
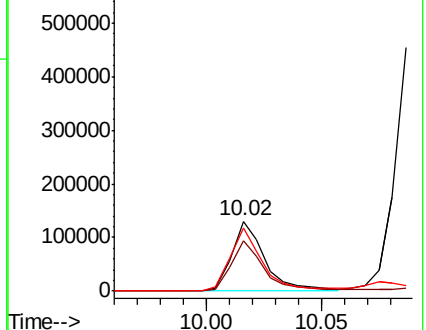
65 91.6 66.1 106.1

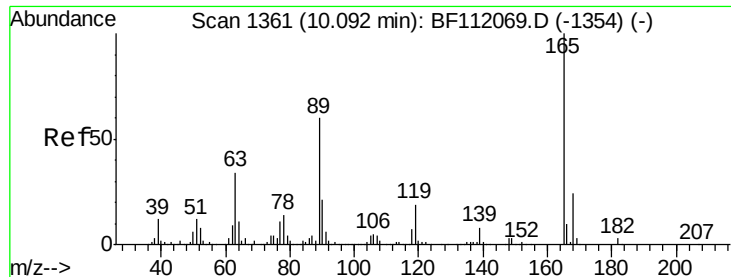


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

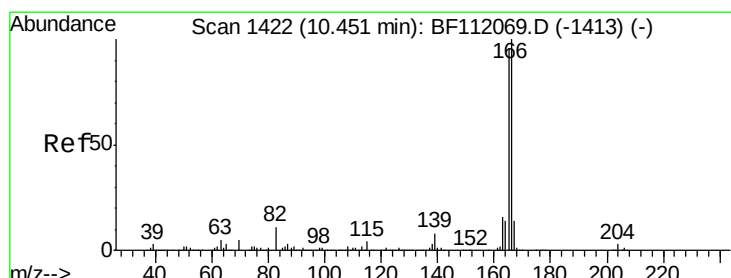
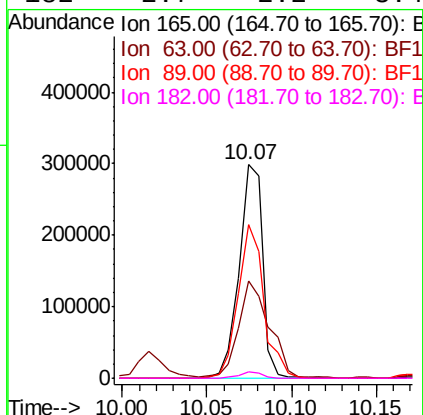
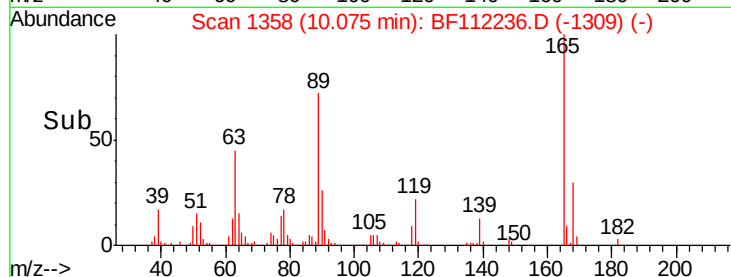
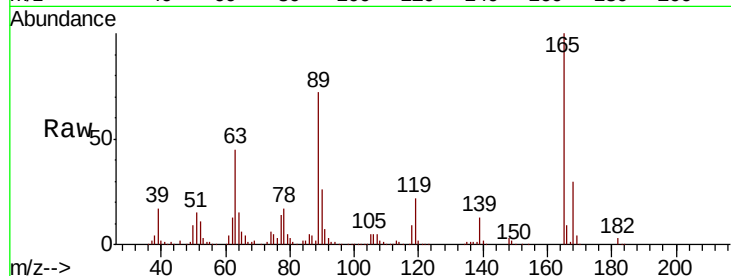




#57
 2,4-Dinitrotoluene
 Concen: 45.677 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

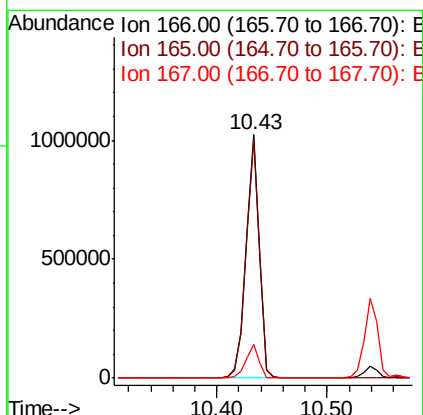
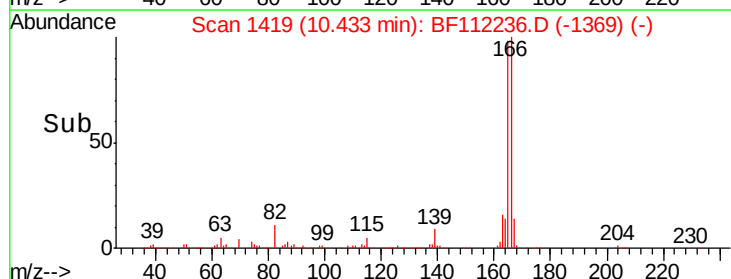
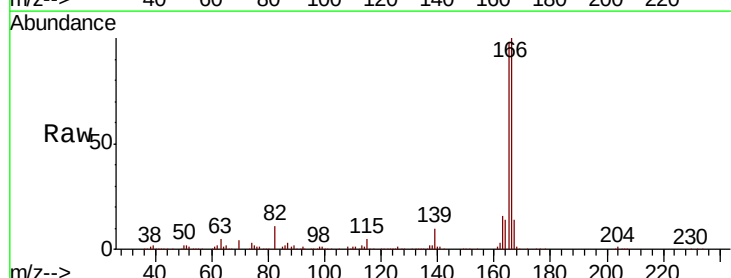
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

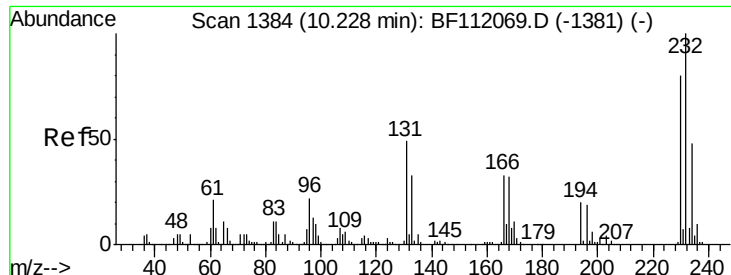
Tgt Ion:	165	Resp:	289307
Ion	Ratio	Lower	Upper
165	100		
63	45.3	27.9	41.9#
89	71.8	47.9	71.9
182	2.7	2.2	3.4



#58
 Fluorene
 Concen: 44.176 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion:	166	Resp:	857373
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.1	115.7
167	13.8	11.3	16.9

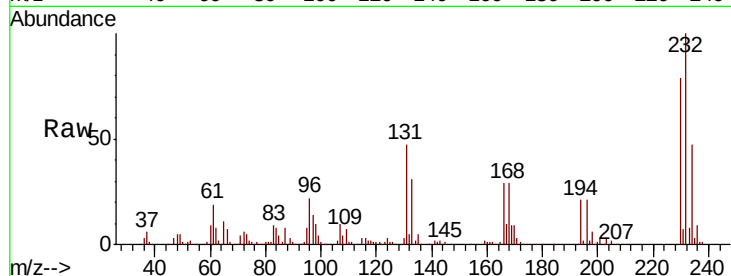




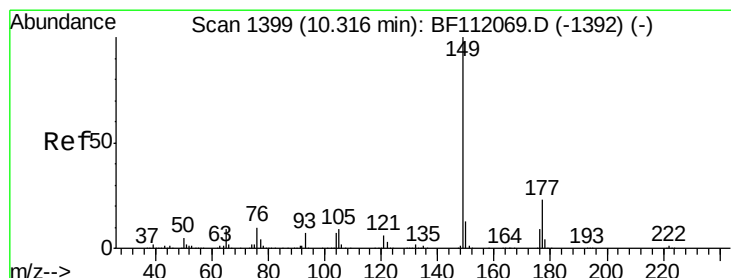
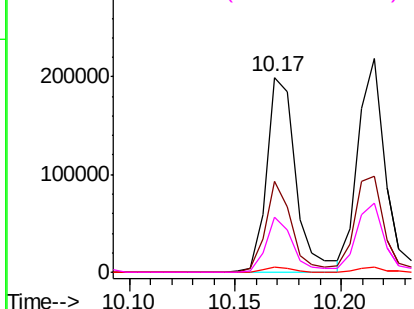
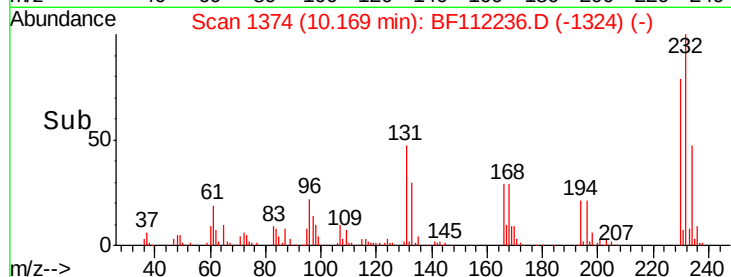
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.341 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Tgt Ion:	232	Resp:	191934
Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.9	50.9
130	2.3	1.8	2.6
166	26.7	23.6	35.4

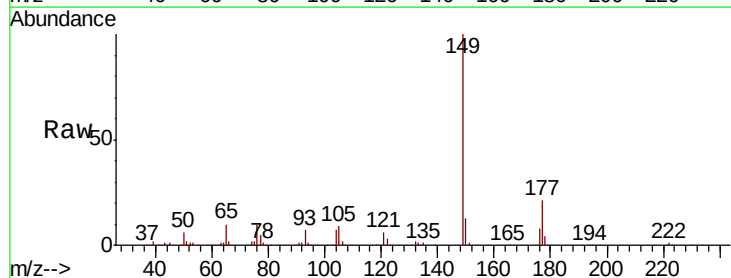


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

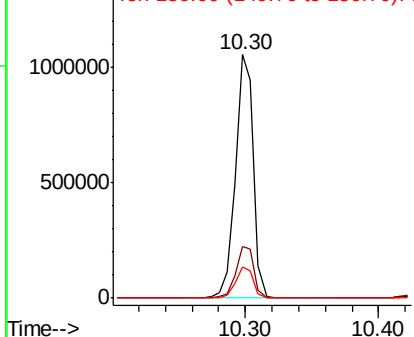
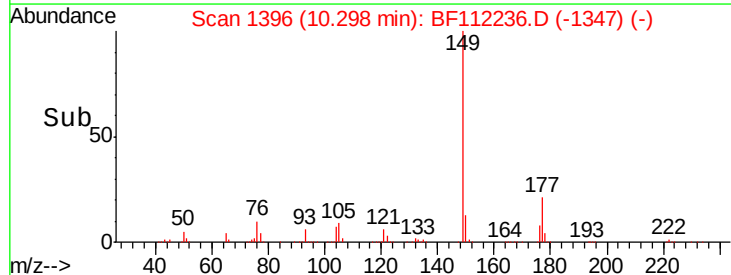


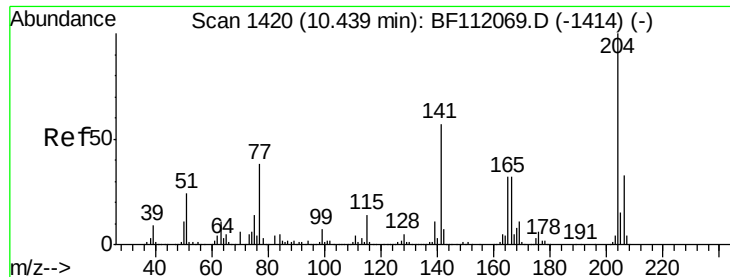
#60
 Diethylphthalate
 Concen: 44.609 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion:	149	Resp:	983412
Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.2	27.2
150	12.7	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

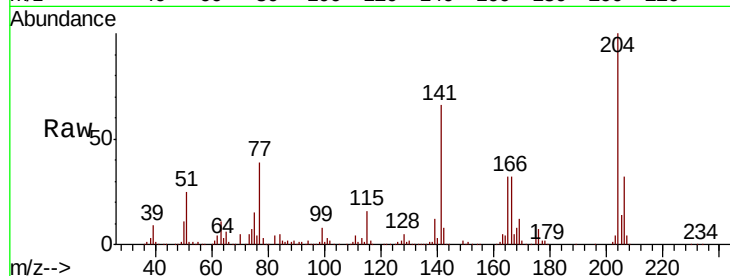




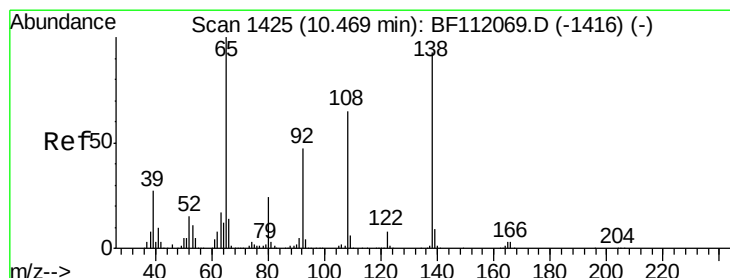
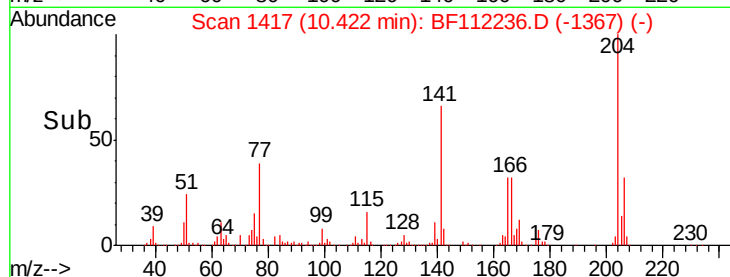
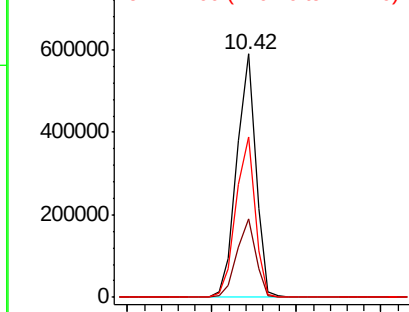
#61
4-Chlorophenyl-phenylether
Concen: 43.854 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion: 204 Resp: 462985
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 65.7 45.9 68.9

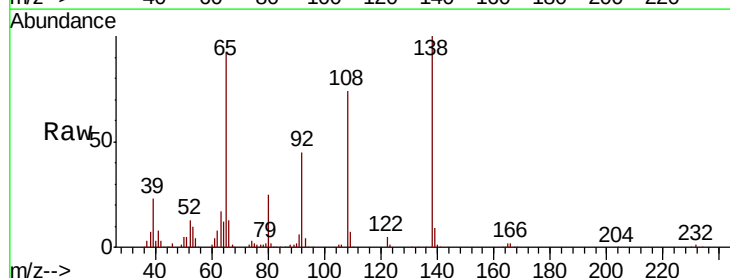


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

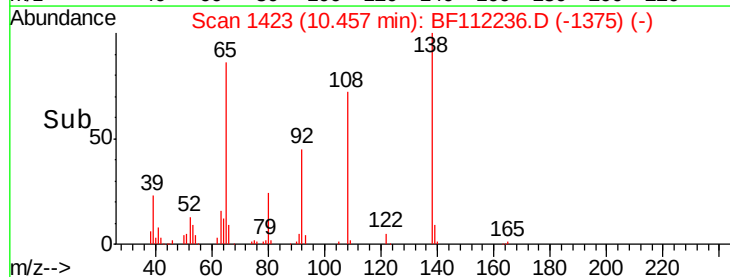
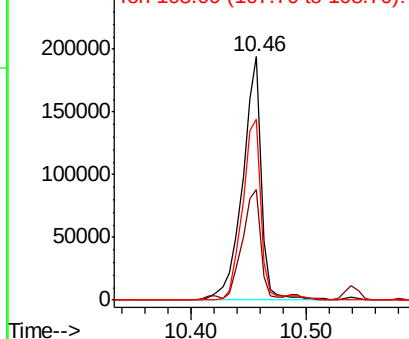


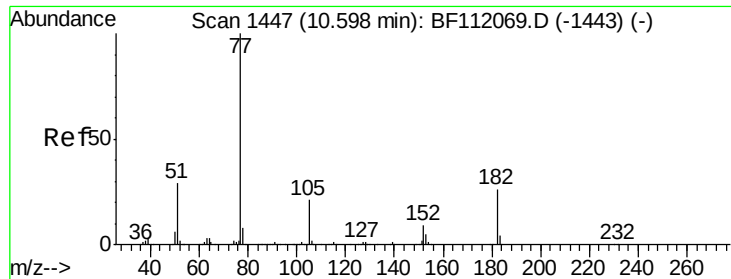
#62
4-Nitroaniline
Concen: 41.371 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion: 138 Resp: 218722
Ion Ratio Lower Upper
138 100
92 45.3 30.6 70.6
108 74.5 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

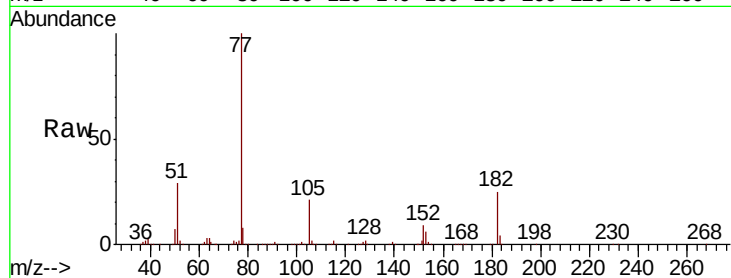




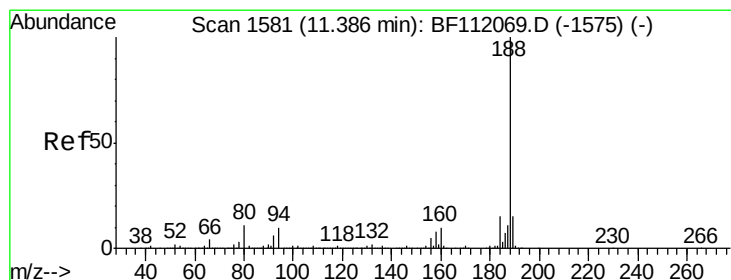
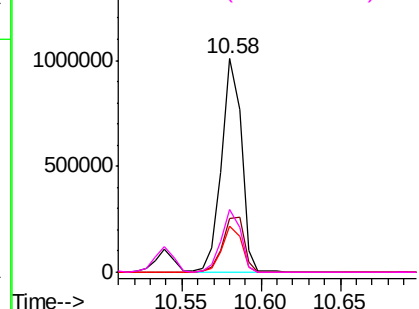
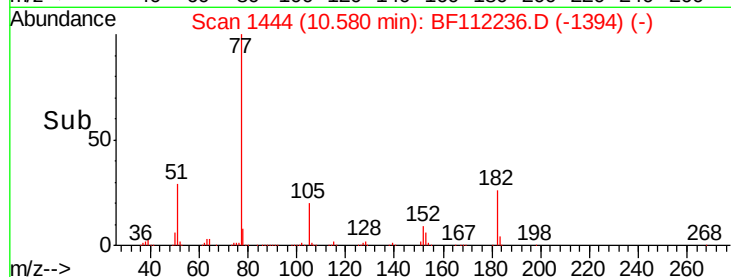
#63
Azobenzene
Concen: 45.489 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion:	77	Resp:	881960
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.7	45.7
105	21.4	1.4	41.4
51	29.4	9.5	49.5

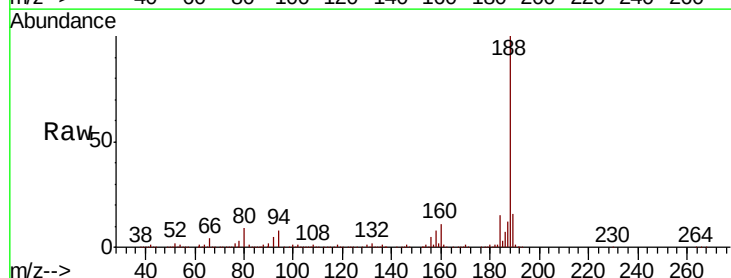


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

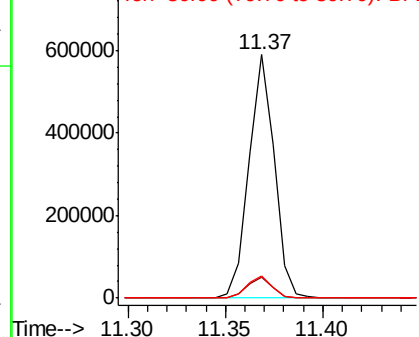
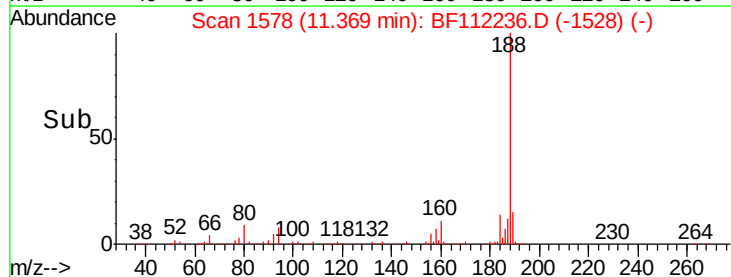


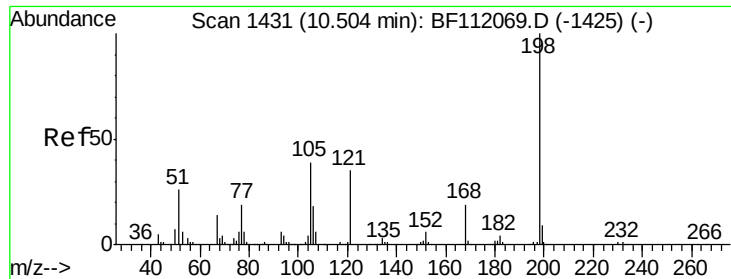
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:	188	Resp:	532952
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.2	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

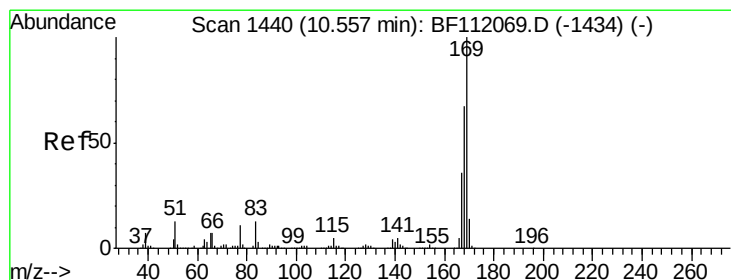
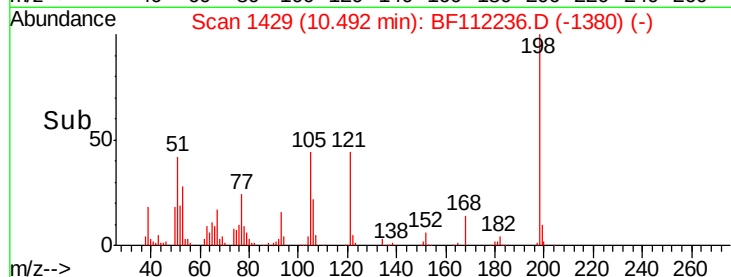
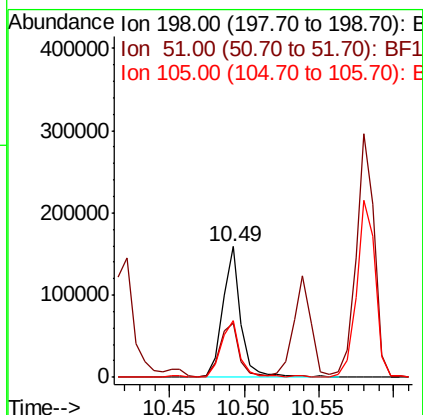
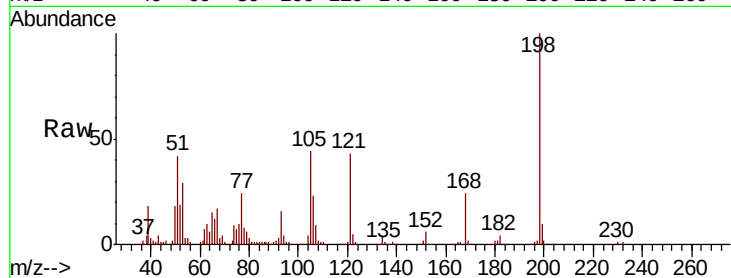




#65
4,6-Dinitro-2-methylphenol
Concen: 45.769 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

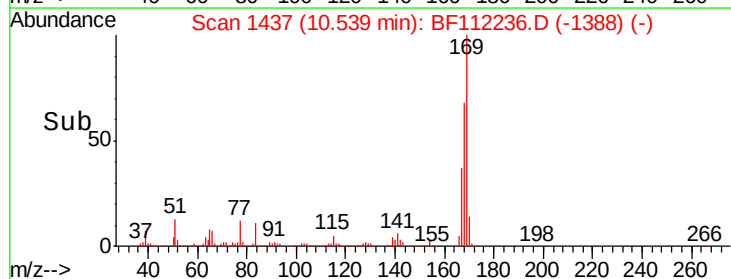
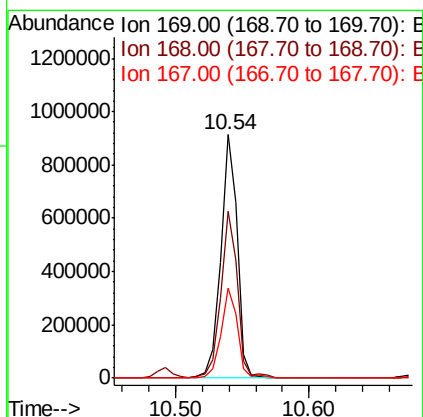
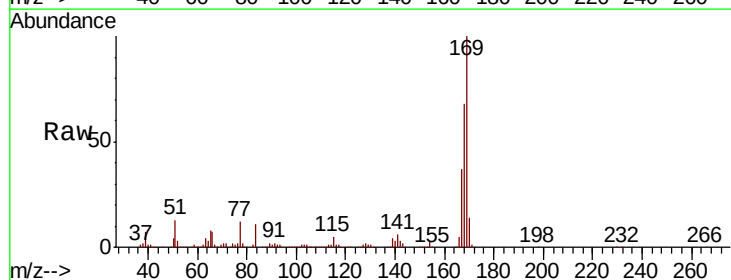
Instrument :
BNA_F
ClientSampleId :
ICVBF012519

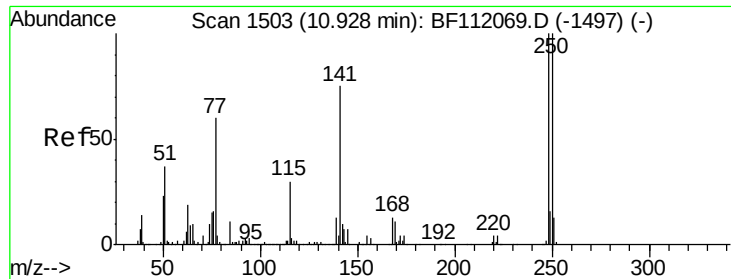
Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.8	17.2	57.2
105	43.9	21.9	61.9



#66
n-Nitrosodiphenylamine
Concen: 44.186 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.9	80.9
167	36.7	28.9	43.3

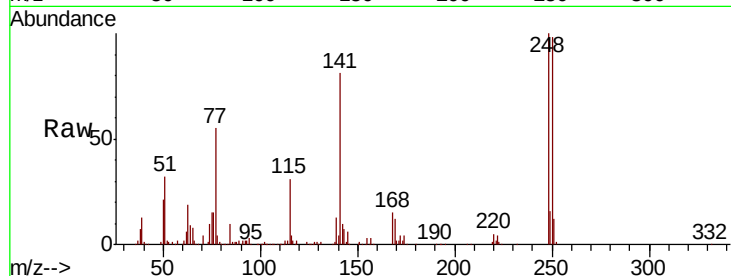




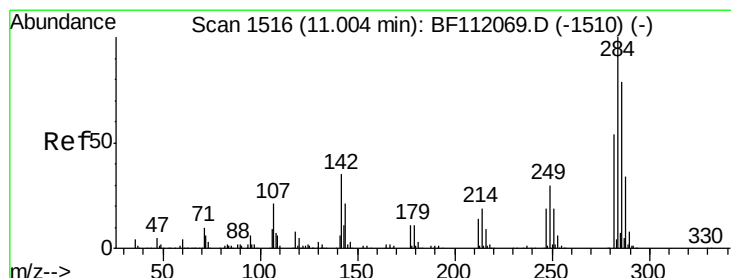
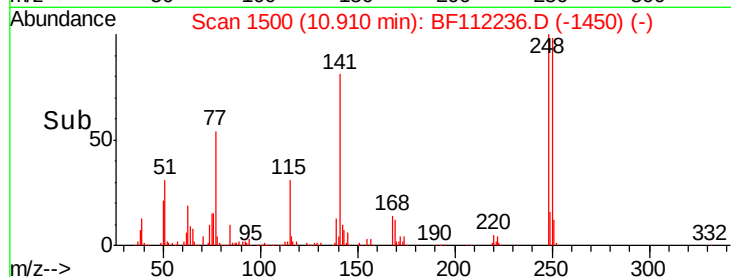
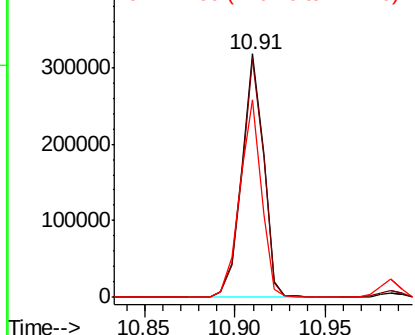
#67
4-Bromophenyl-phenylether
Concen: 42.455 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion:248 Resp: 266121
Ion Ratio Lower Upper
248 100
250 98.0 79.7 119.5
141 81.0 60.3 90.5

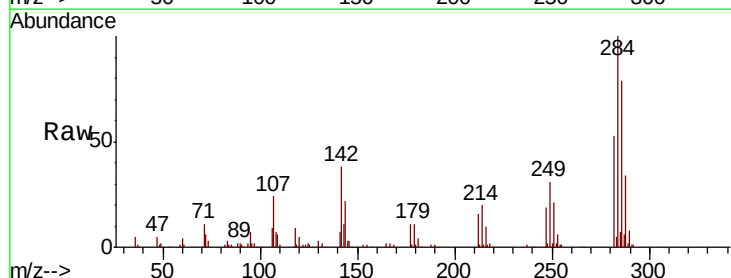


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

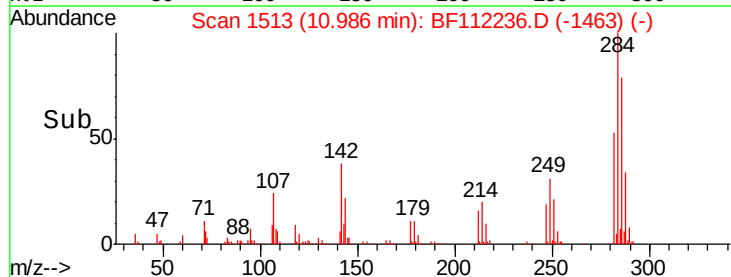
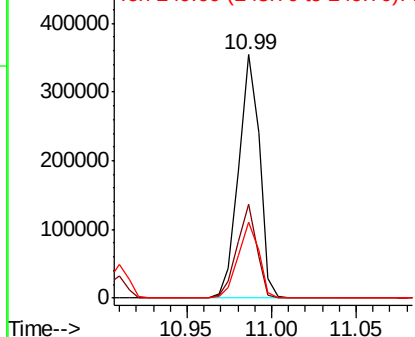


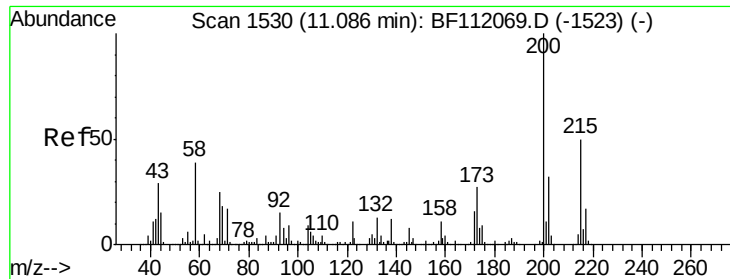
#68
Hexachlorobenzene
Concen: 45.340 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:284 Resp: 304914
Ion Ratio Lower Upper
284 100
142 38.4 27.6 41.4
249 31.4 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: 46.854 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

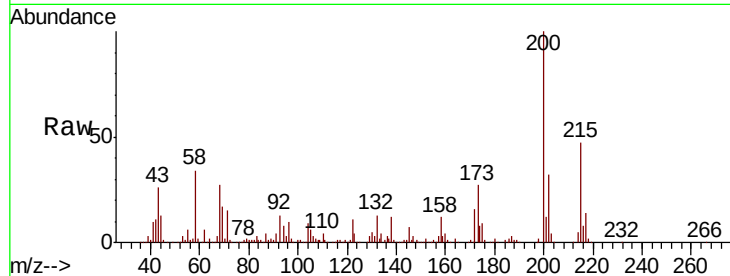
Tgt Ion:200 Resp: 271554

Ion Ratio Lower Upper

200 100

173 27.2 7.1 47.1

215 47.3 30.4 70.4

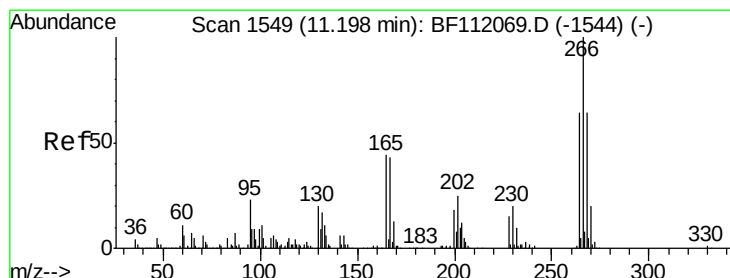
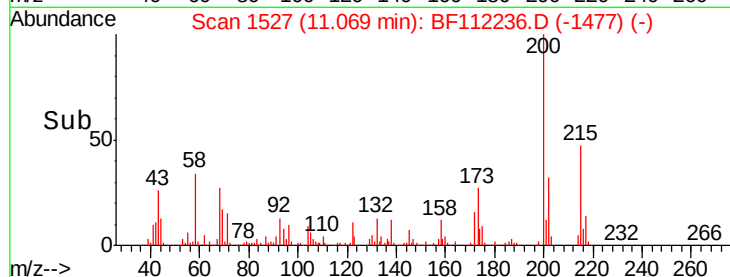
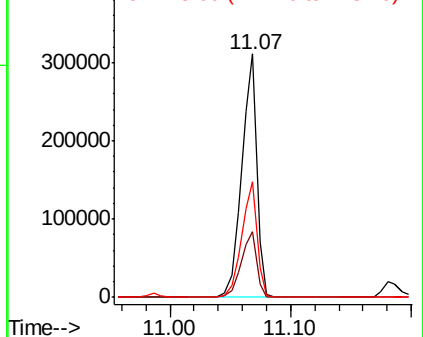


Abundance

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: 47.430 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

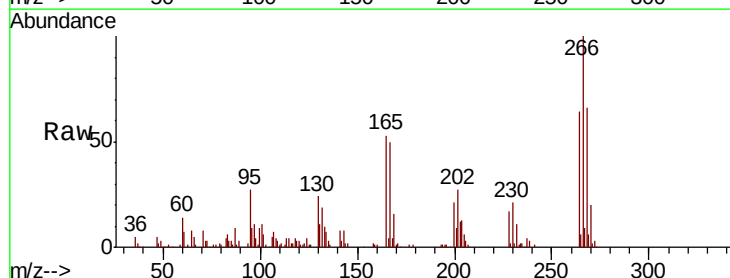
Tgt Ion:266 Resp: 124114

Ion Ratio Lower Upper

266 100

268 65.7 51.2 76.8

264 63.9 50.9 76.3

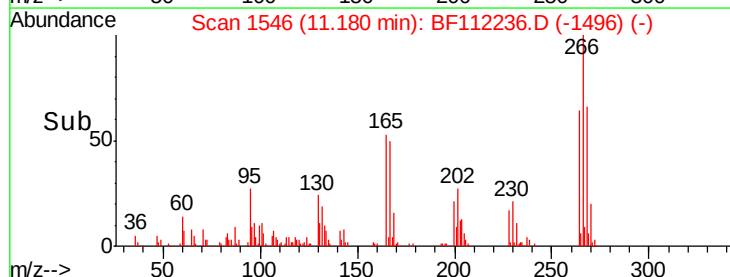
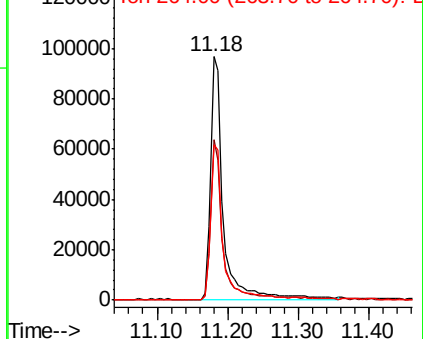


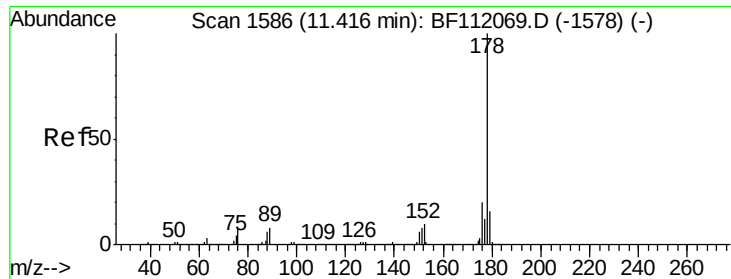
Abundance

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: 40.756 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

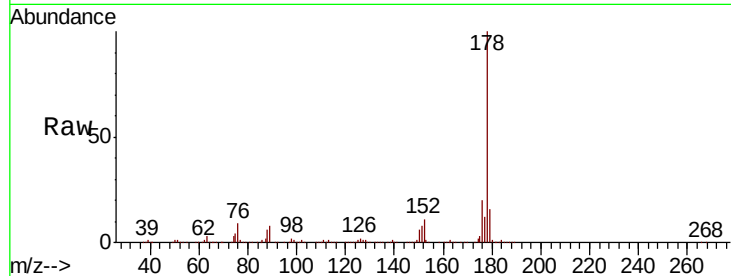
Tgt Ion:178 Resp: 1129234

Ion Ratio Lower Upper

178 100

176 19.7 16.3 24.5

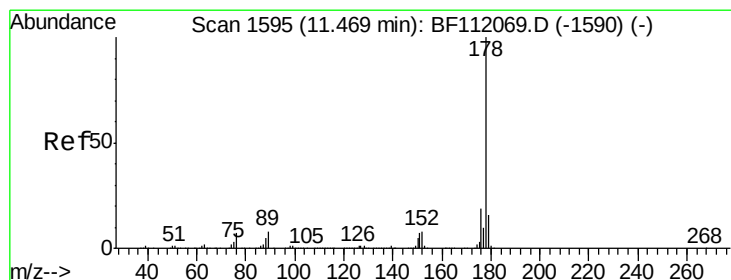
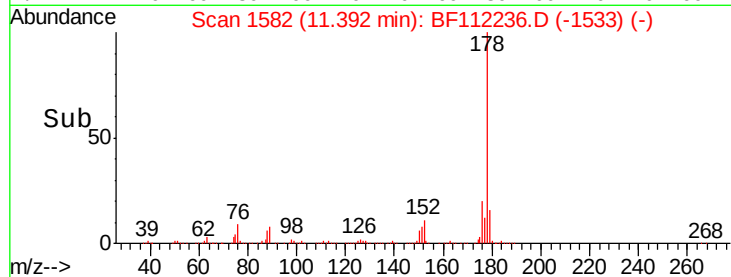
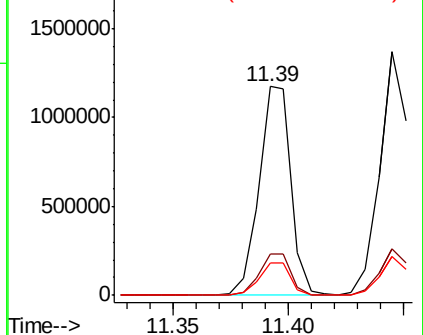
179 15.6 13.0 19.4



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: 42.806 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

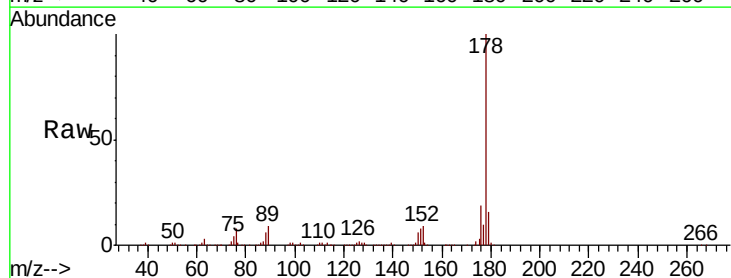
Tgt Ion:178 Resp: 1181459

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

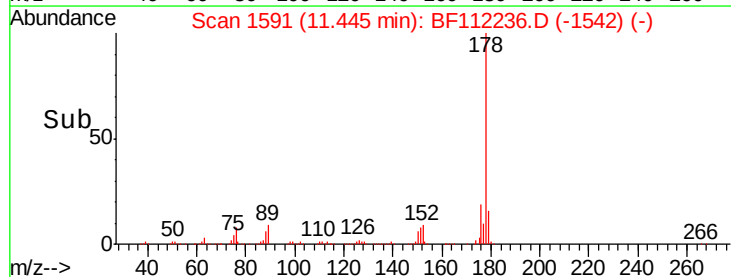
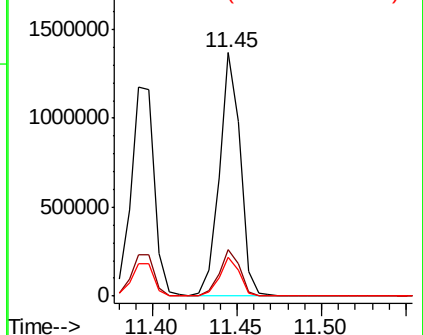
179 15.8 12.8 19.2

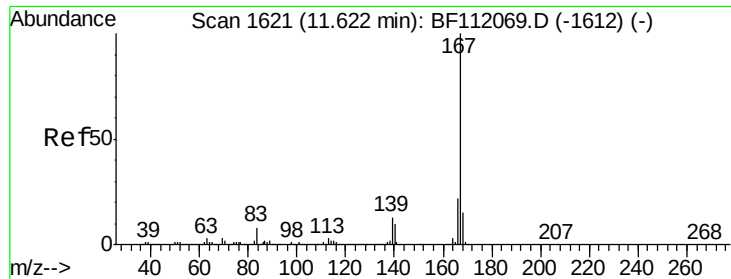


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



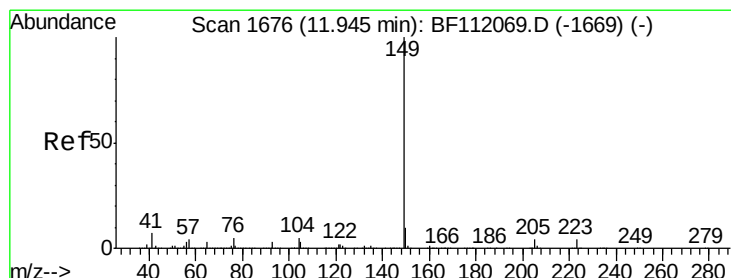
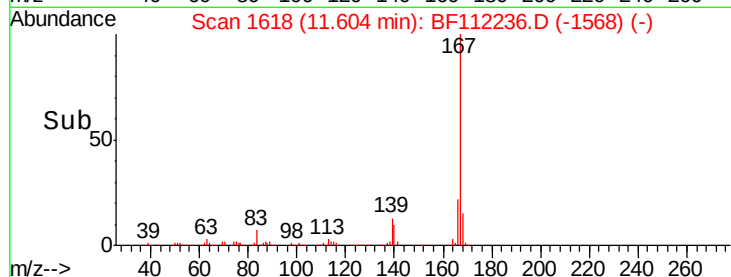
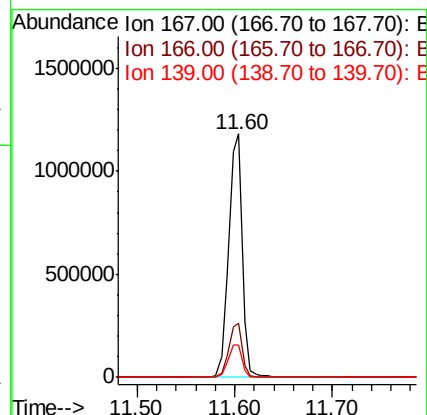
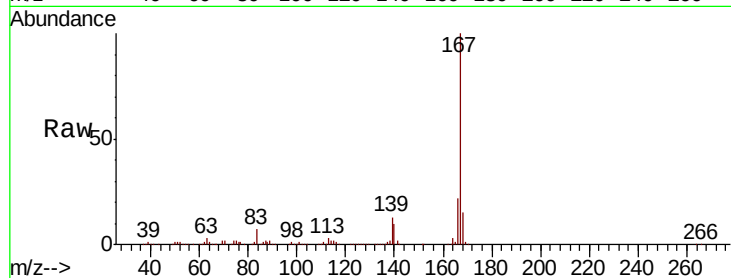


#73
 Carbazole
 Concen: 41.945 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012519

Tgt Ion:167 Resp: 1141952

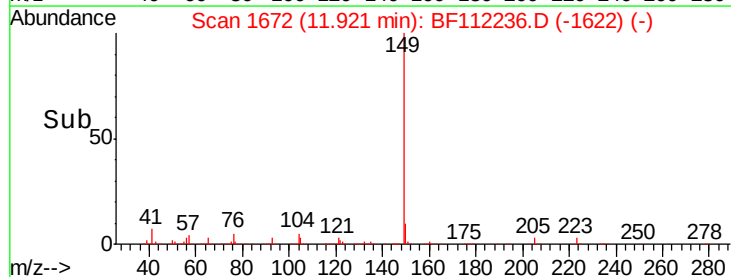
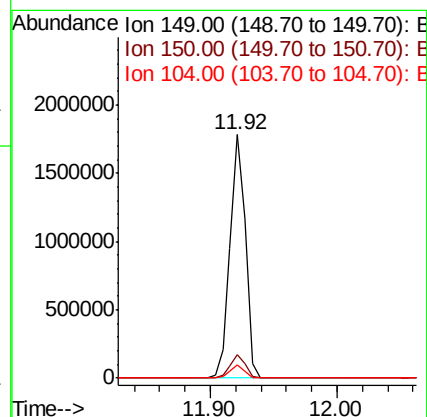
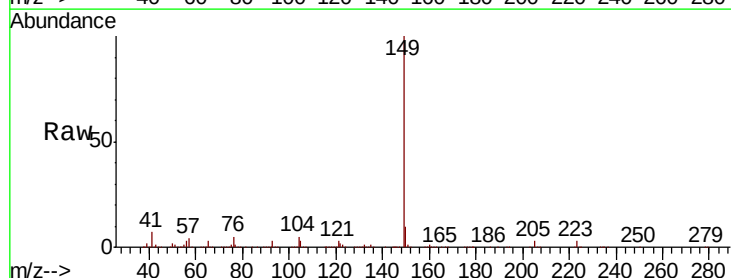
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	13.2	10.2	15.2

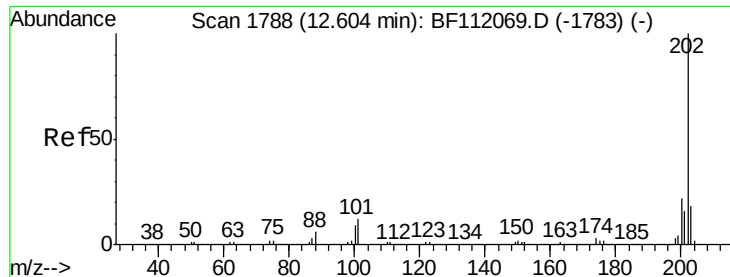


#74
 Di-n-butylphthalate
 Concen: 44.424 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF112236.D
 Acq: 25 Jan 2019 16:45

Tgt Ion:149 Resp: 1501206

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.3	3.9	5.9

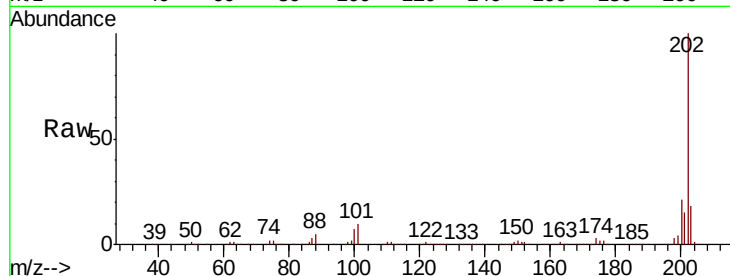




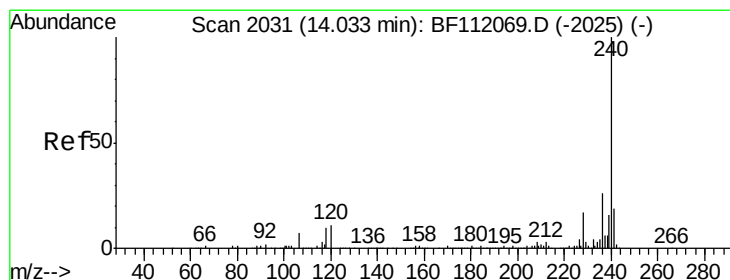
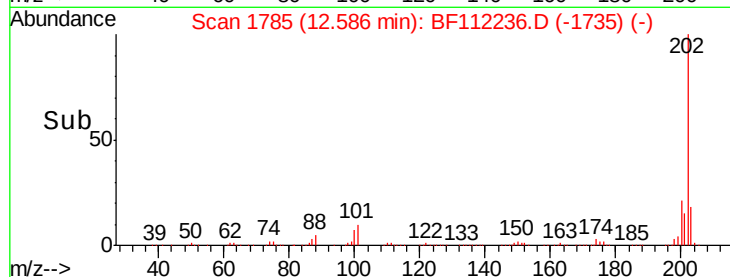
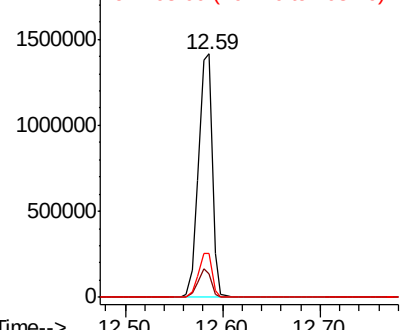
#75
Fluoranthene
Concen: 46.868 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Instrument :
BNA_F
ClientSampleId :
ICVBF012519

Tgt Ion: 202 Resp: 1392814
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.8
203 17.9 0.0 38.4

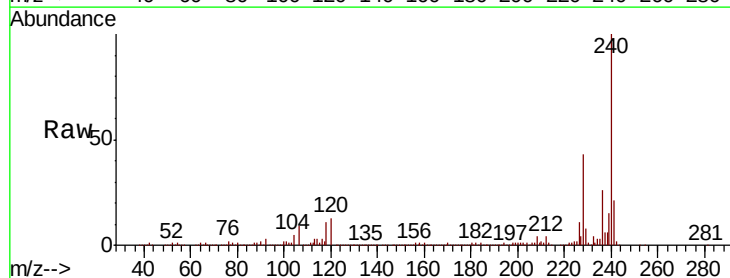


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

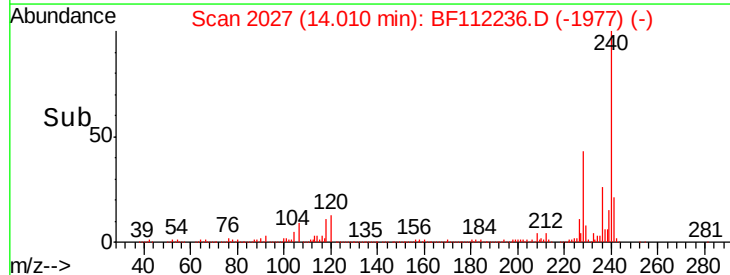
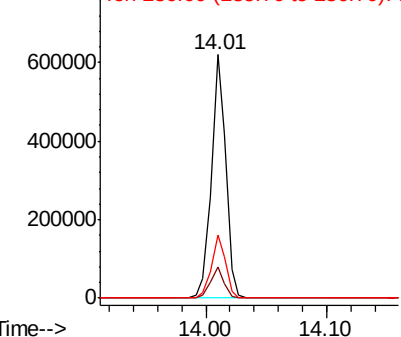


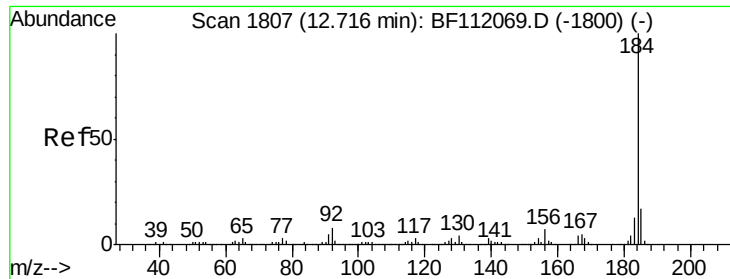
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion: 240 Resp: 510302
Ion Ratio Lower Upper
240 100
120 12.7 9.0 13.6
236 25.8 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

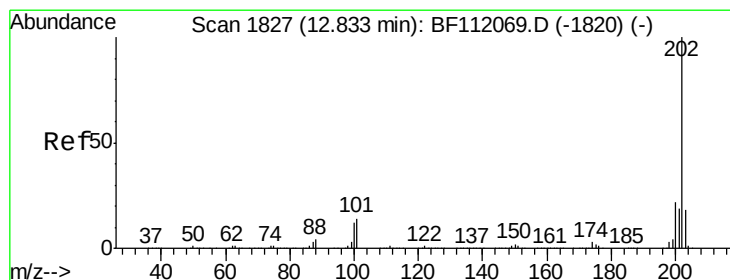
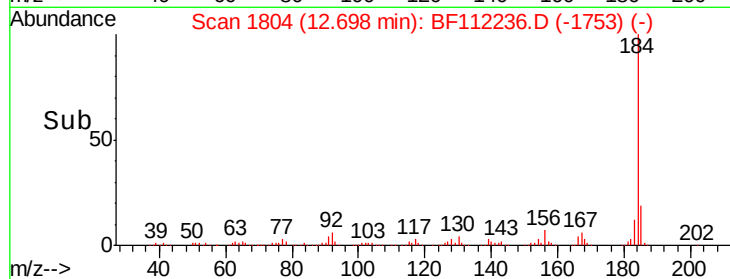
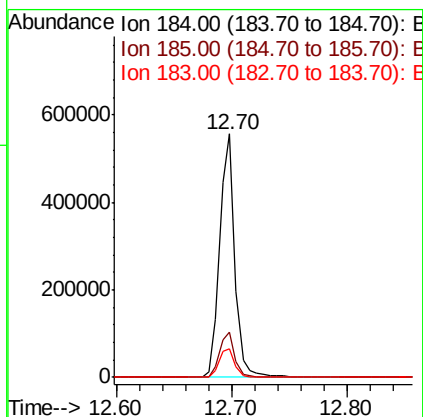
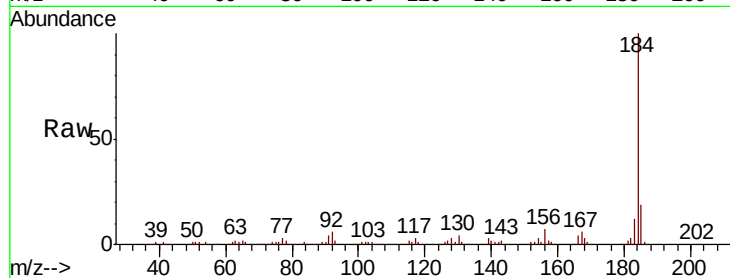




#77
Benzidine
Concen: 36.161 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

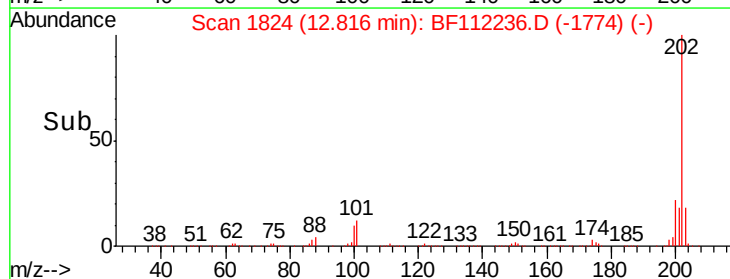
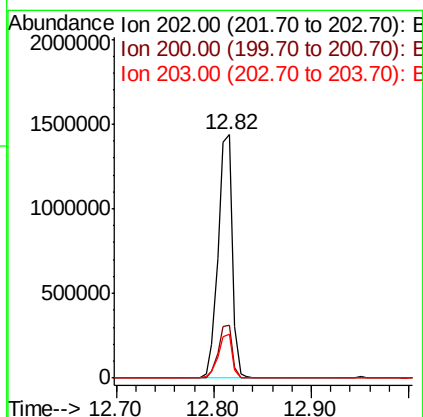
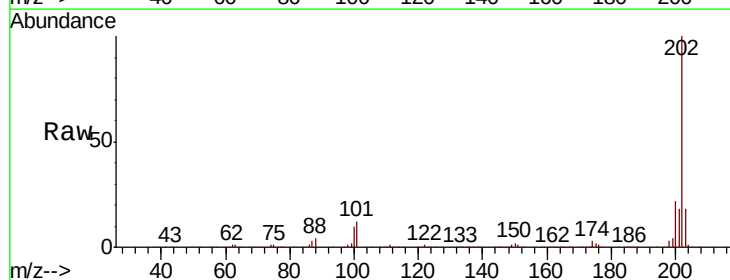
Instrument :
BNA_F
ClientSampleId :
ICVBF012519

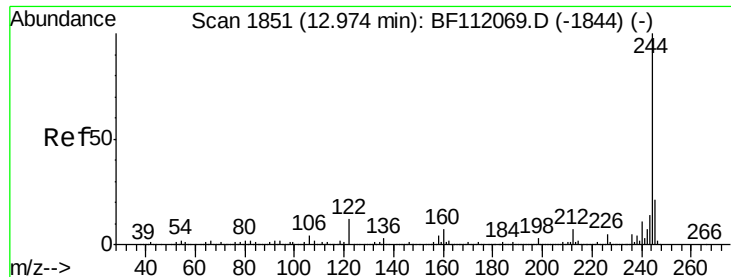
Tgt Ion:184 Resp: 507889
Ion Ratio Lower Upper
184 100
185 18.7 13.9 20.9
183 11.9 10.0 15.0



#78
Pyrene
Concen: 41.121 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:202 Resp: 1452807
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.9 14.6 22.0





#79

Terphenyl-d14

Concen: 79.708 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

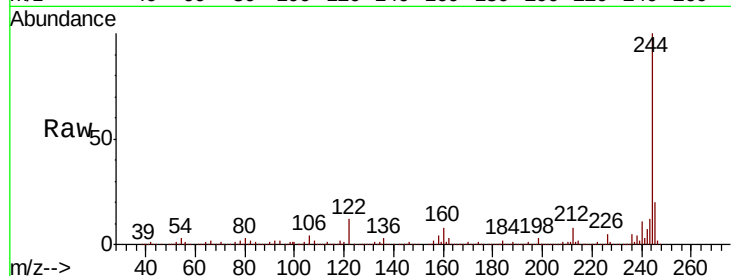
Tgt Ion:244 Resp: 2159621

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

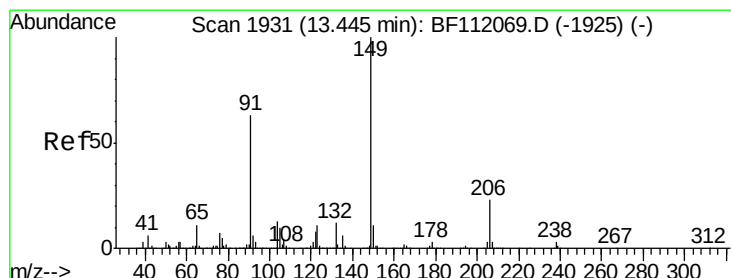
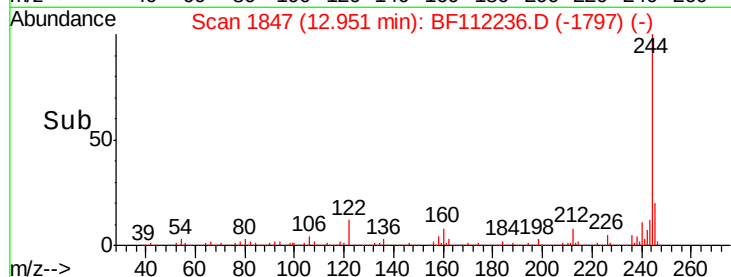
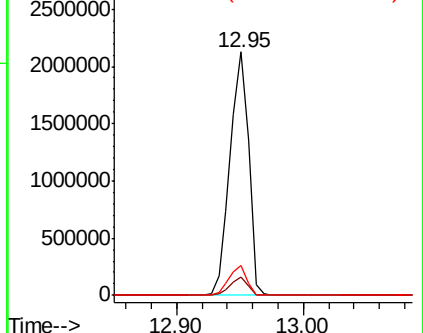
122 12.1 9.8 14.6



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: 40.784 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

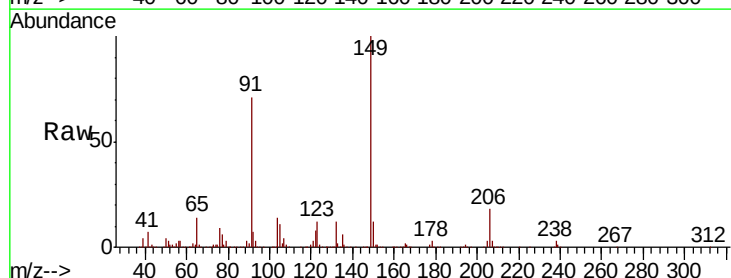
Tgt Ion:149 Resp: 697141

Ion Ratio Lower Upper

149 100

91 71.0 50.3 75.5

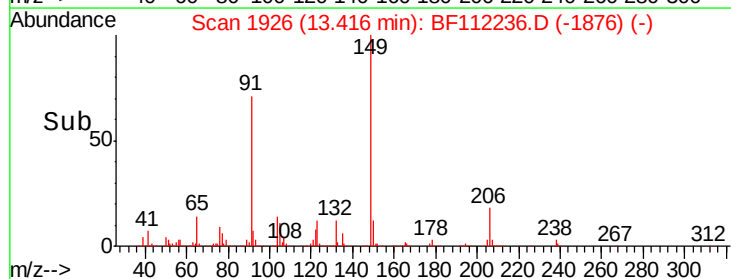
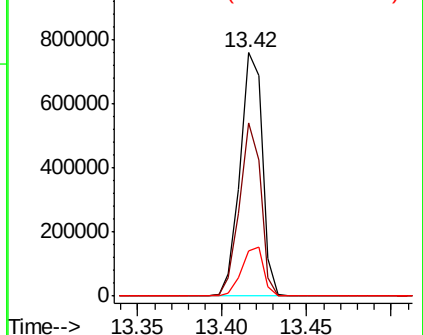
206 18.5 18.2 27.4

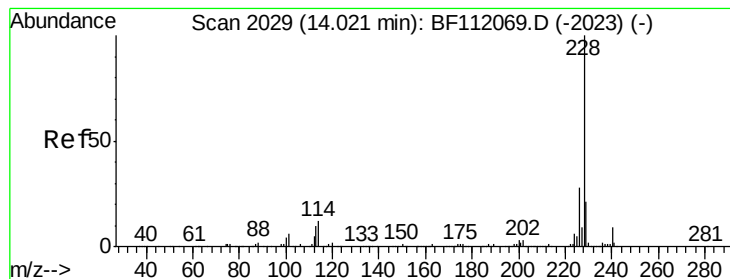


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.317 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

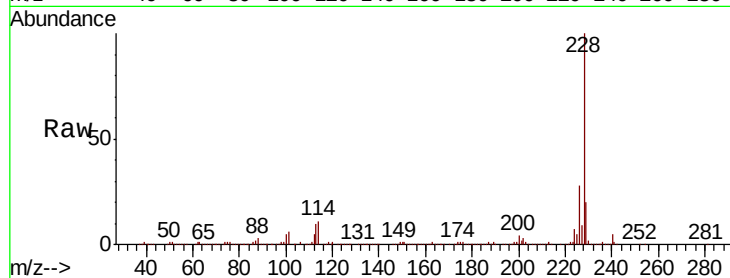
Tgt Ion:228 Resp: 1179443

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

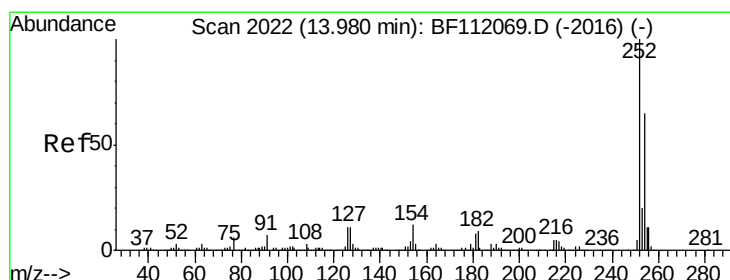
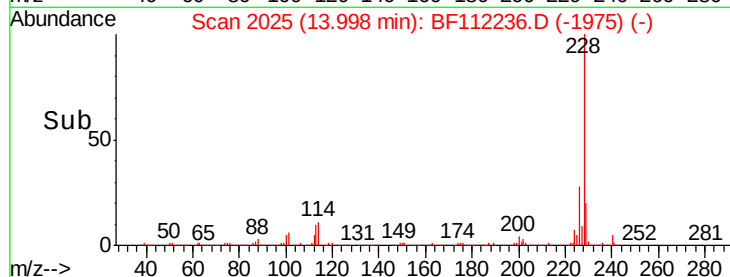
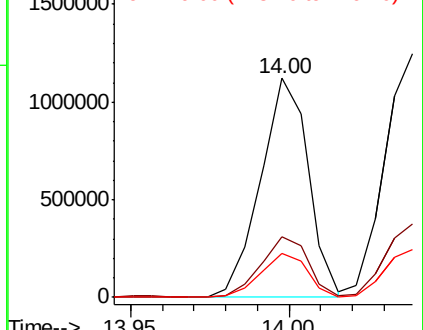
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.563 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

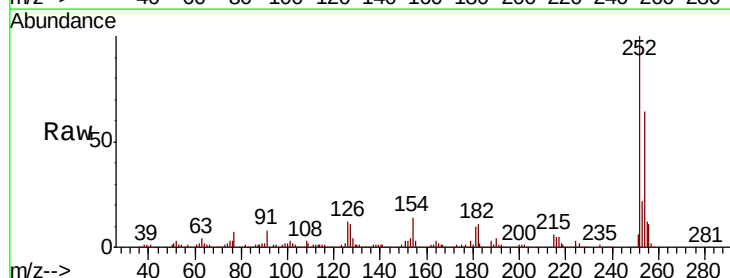
Tgt Ion:252 Resp: 432938

Ion Ratio Lower Upper

252 100

254 64.3 51.6 77.4

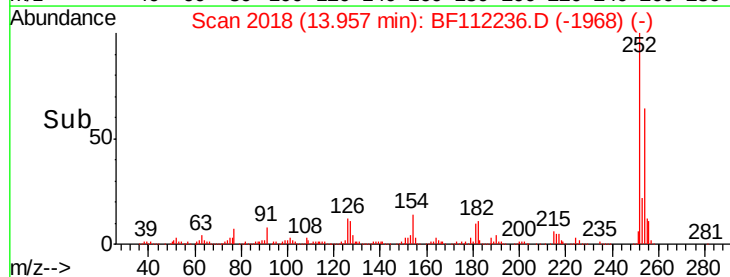
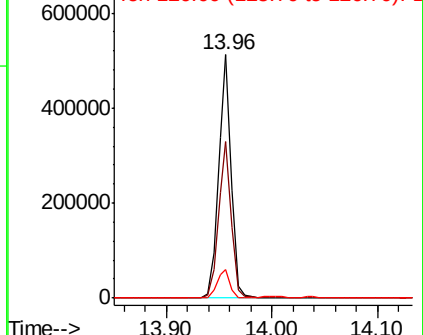
126 11.8 8.6 12.8

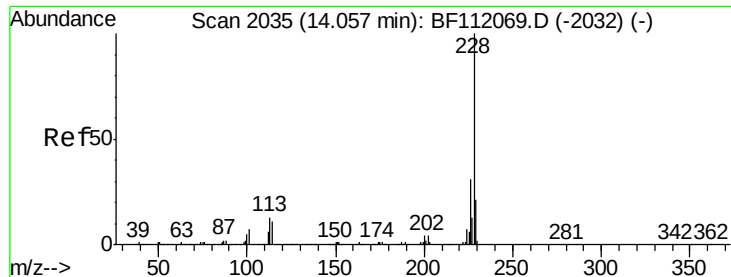


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.674 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

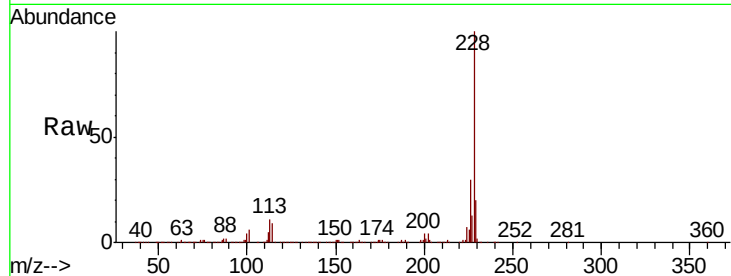
Tgt Ion:228 Resp: 1136048

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 19.8 16.6 24.8

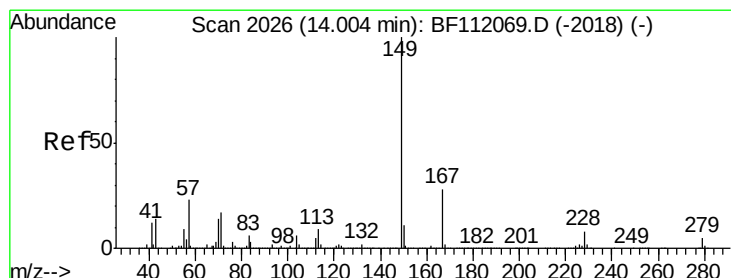
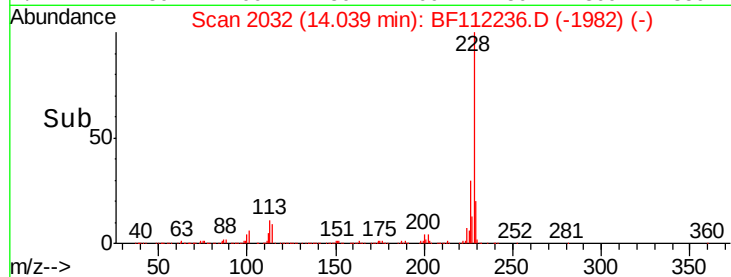
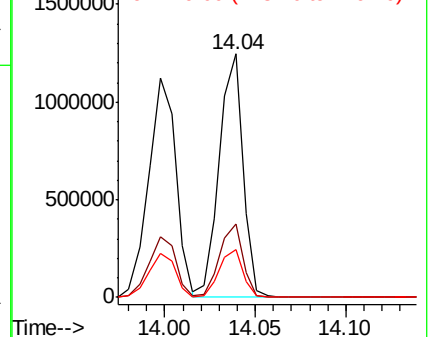


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.834 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

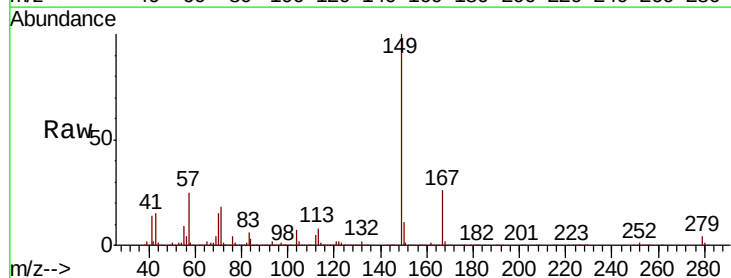
Tgt Ion:149 Resp: 966523

Ion Ratio Lower Upper

149 100

167 26.5 22.5 33.7

279 3.9 3.8 5.6

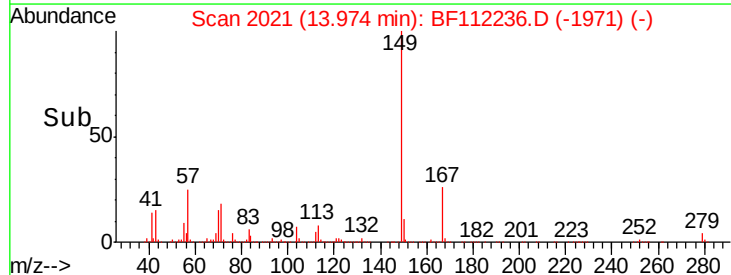
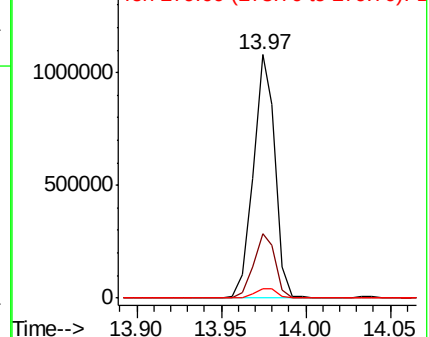


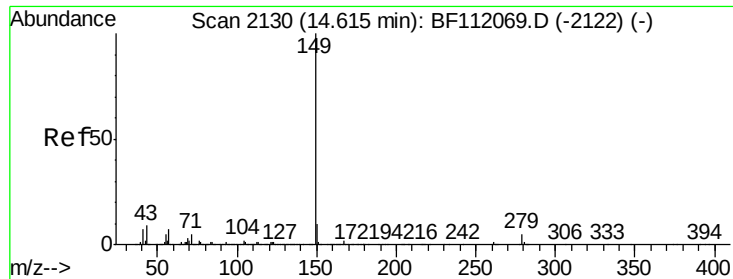
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.060 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

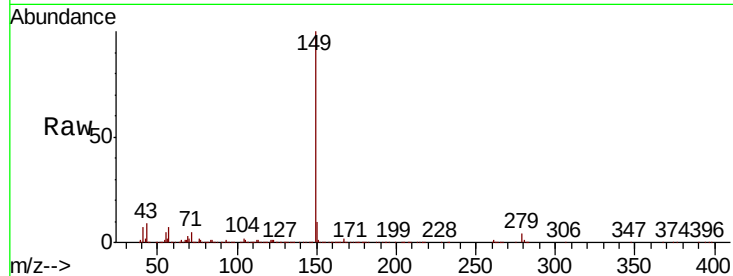
Tgt Ion:149 Resp: 1458134

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

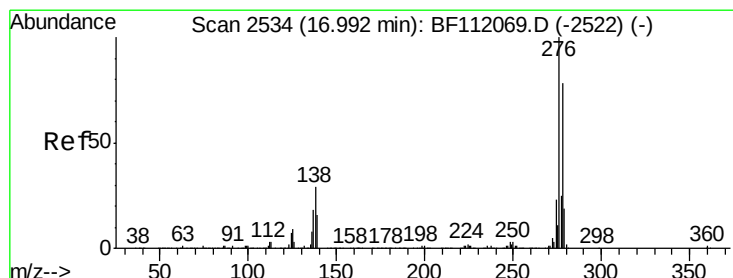
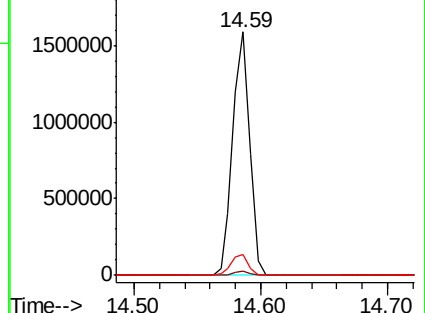
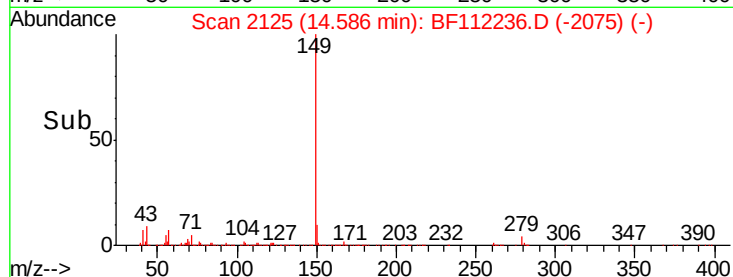
43 8.8 7.8 11.6



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: 39.318 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

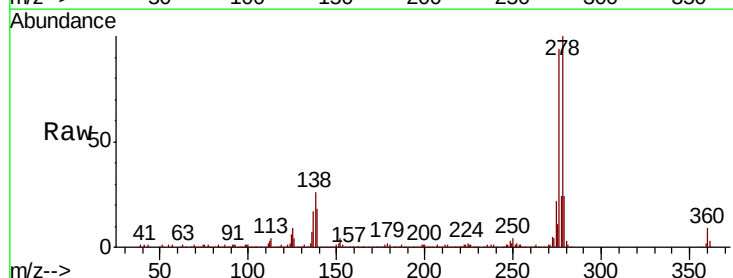
Tgt Ion:276 Resp: 892103

Ion Ratio Lower Upper

276 100

138 25.5 22.6 34.0

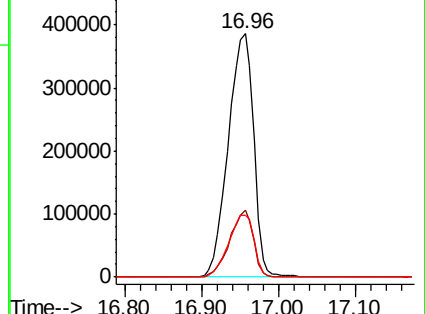
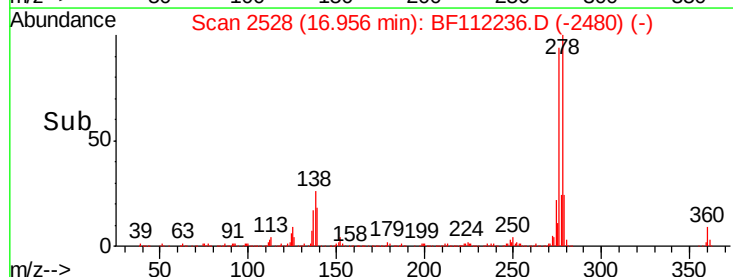
277 25.7 20.3 30.5

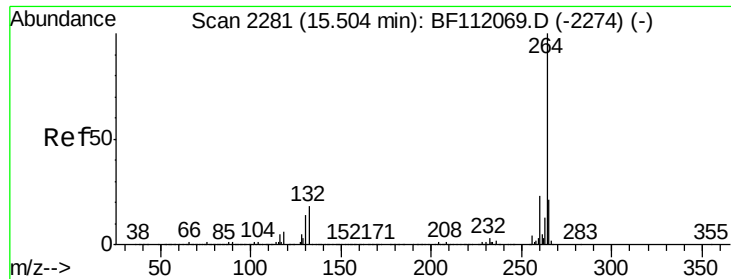


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

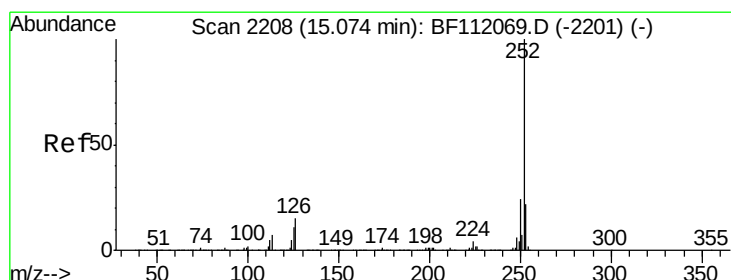
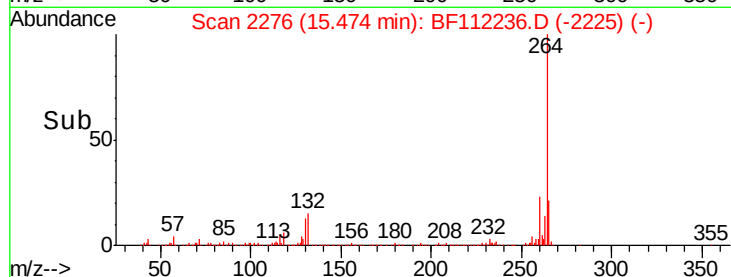
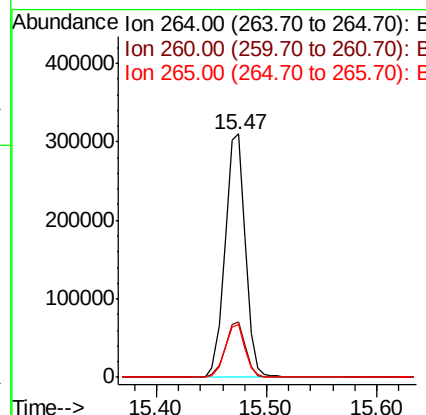
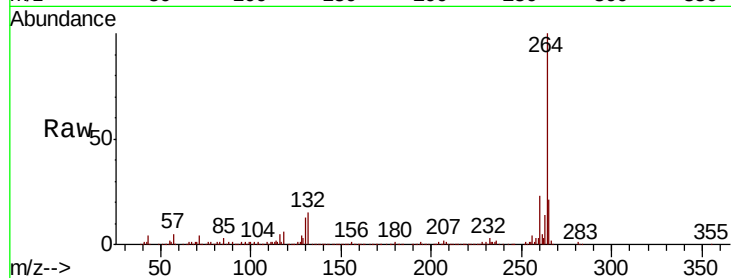




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

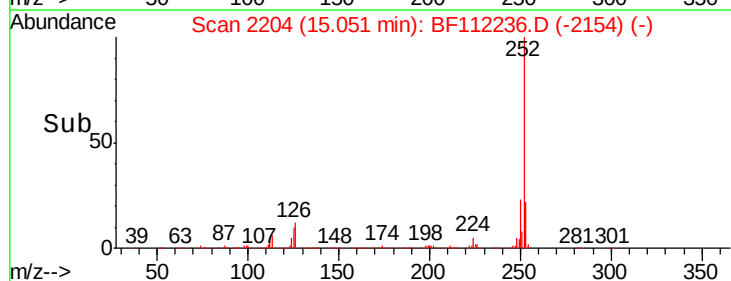
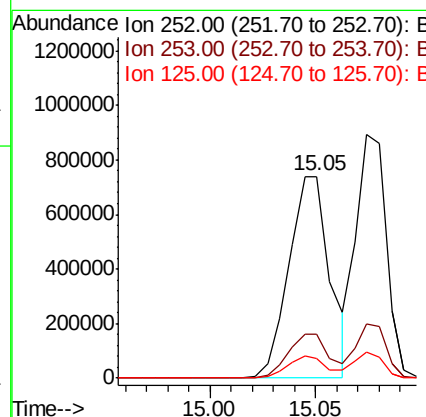
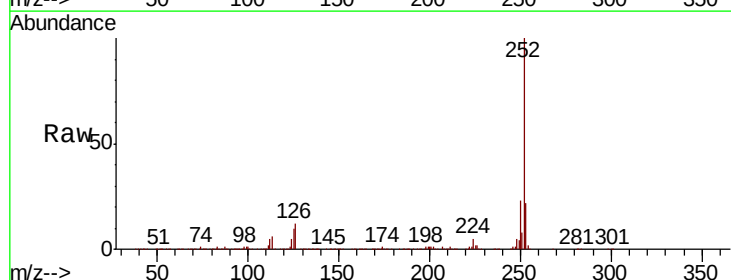
Instrument :
BNA_F
ClientSampleId :
ICVBF012519

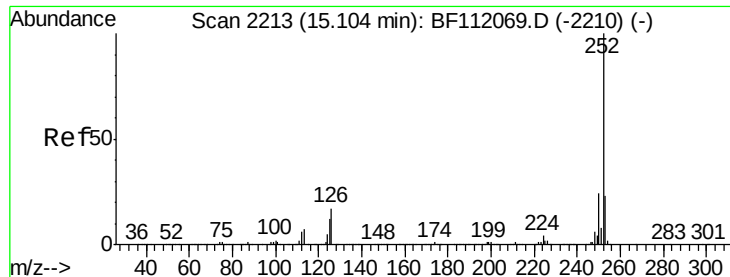
Tgt Ion:264 Resp: 399317
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.2
265 21.5 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 41.953 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF112236.D
Acq: 25 Jan 2019 16:45

Tgt Ion:252 Resp: 1001882
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 9.6 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 39.276 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

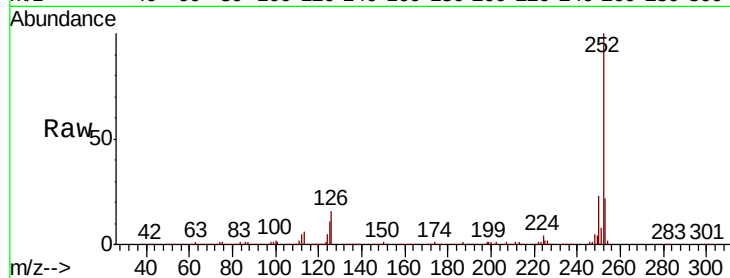
Tgt Ion:252 Resp: 898417

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

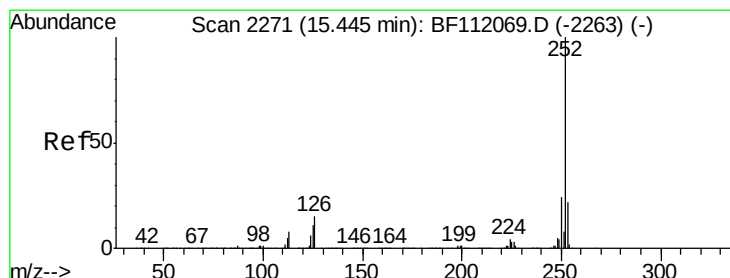
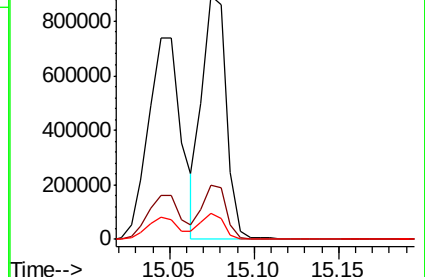
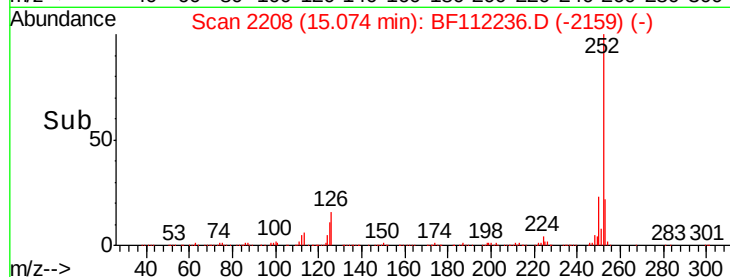
125 10.7 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.010 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

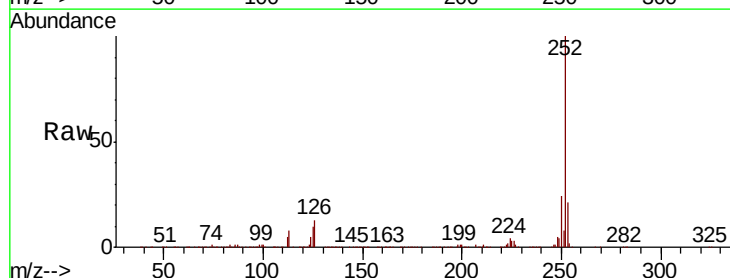
Tgt Ion:252 Resp: 859732

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

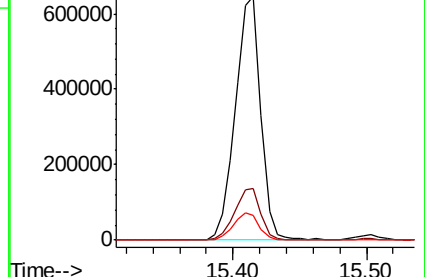
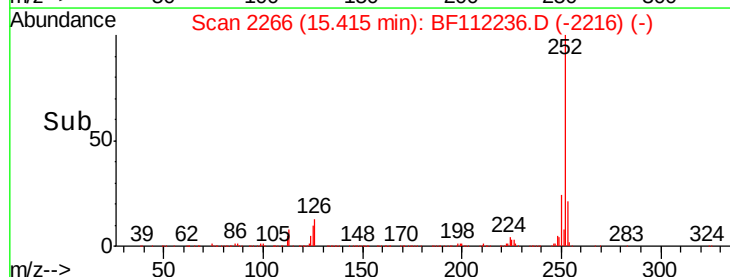
125 10.3 9.0 13.4

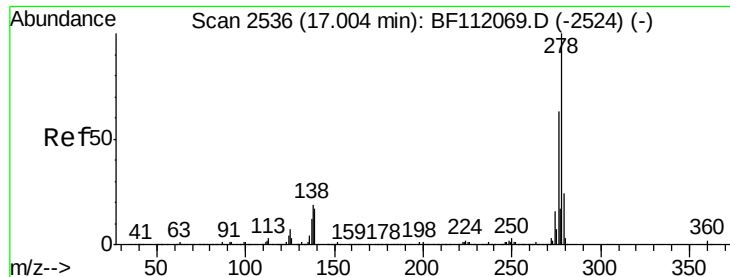


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.656 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

Instrument :

BNA_F

ClientSampleId :

ICVBF012519

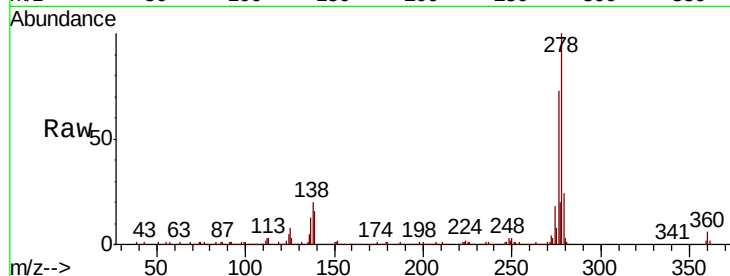
Tgt Ion: 278 Resp: 756040

Ion Ratio Lower Upper

278 100

139 15.8 13.7 20.5

279 23.5 19.0 28.6

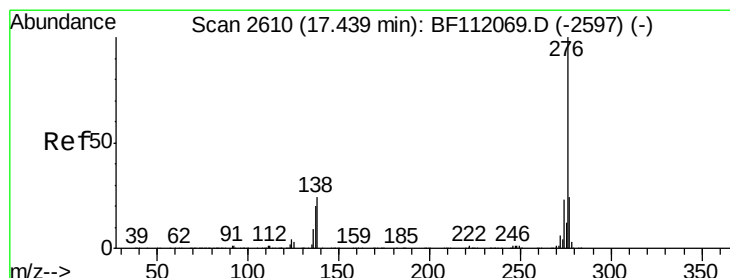
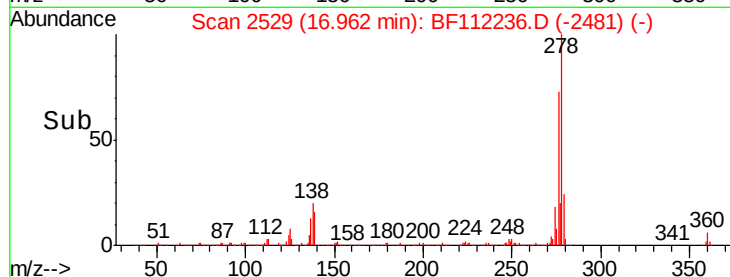
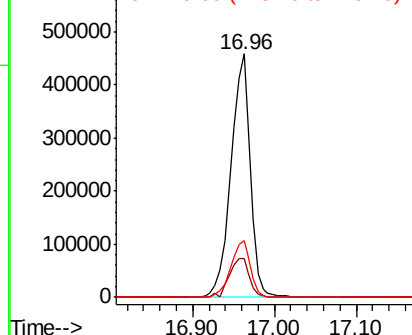


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.962 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF112236.D

Acq: 25 Jan 2019 16:45

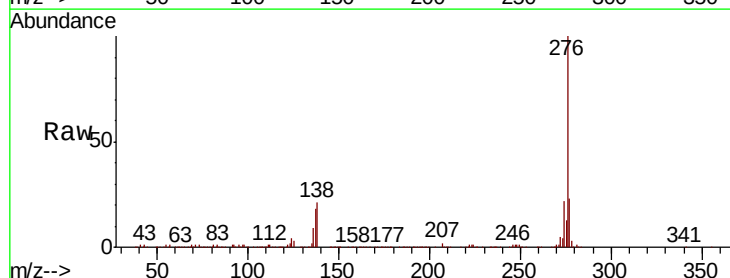
Tgt Ion: 276 Resp: 718291

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 21.1 19.1 28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

