

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112196.D
 Acq On : 23 Jan 2019 12:37
 Operator : JU/SJ
 Sample : PB116569BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 13:09:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	301966	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1249610	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	639426	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1239629	20.00	ng	0.00
76) Chrysene-d12	14.03	240	916946	20.00	ng	0.00
87) Perylene-d12	15.50	264	684795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2156553	129.62	ng	0.01
7) Phenol-d6	6.51	99	2732410	131.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	1653949	91.44	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	946825	137.26	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3221306	73.86	ng	0.00
79) Terphenyl-d14	12.97	244	3503822	81.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	227207	29.119	ng	97
3) Pyridine	3.50	79	590424	30.212	ng	99
4) n-Nitrosodimethylamine	3.43	42	311474	39.255	ng	100
6) Aniline	6.52	93	725039	28.639	ng	# 3
8) 2-Chlorophenol	6.65	128	812986	42.075	ng	98
9) Benzaldehyde	6.40	77	127802	8.180	ng	95
10) Phenol	6.52	94	903388	39.711	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	737700	40.784	ng	99
12) 1,3-Dichlorobenzene	6.80	146	826103	37.464	ng	99
13) 1,4-Dichlorobenzene	6.87	146	841072	37.289	ng	98
14) 1,2-Dichlorobenzene	7.03	146	786867	37.873	ng	97
15) Benzyl Alcohol	7.00	79	681716	43.959	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	919265	35.242	ng	# 53
17) 2-Methylphenol	7.12	107	648277	44.676	ng	# 92
18) Hexachloroethane	7.37	117	311749	41.411	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	548922	43.288	ng	97
20) 3+4-Methylphenols	7.27	107	803980	45.696	ng	# 72
22) Acetophenone	7.26	105	1081669	37.363	ng	# 96
24) Nitrobenzene	7.44	77	814281	42.479	ng	98
25) Isophorone	7.68	82	1512261	43.287	ng	98
26) 2-Nitrophenol	7.76	139	467496	47.544	ng	98
27) 2,4-Dimethylphenol	7.80	122	724708	44.690	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	972092	40.565	ng	99
29) 2,4-Dichlorophenol	8.00	162	732122	41.328	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	776361	37.764	ng	100
31) Naphthalene	8.16	128	2305710	40.568	ng	99
32) Benzoic acid	7.96	122	500285	60.308	ng	98
33) 4-Chloroaniline	8.21	127	606089	23.728	ng	97
34) Hexachlorobutadiene	8.27	225	431020	37.674	ng	99
35) Caprolactam	8.60	113	138823	22.390	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	754849	43.627	ng	99
37) 2-Methylnaphthalene	8.85	142	1667290	43.200	ng	97
38) 1-Methylnaphthalene	8.95	142	1575734	42.482	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	761414	37.083	ng	99

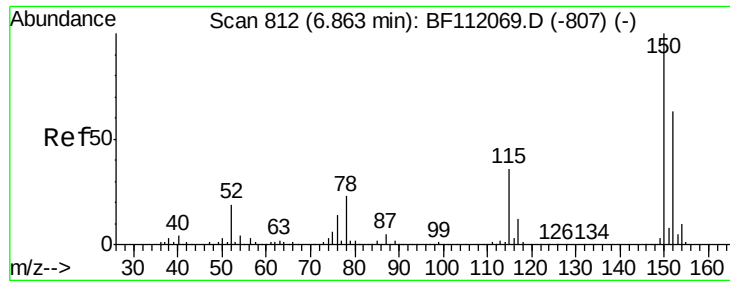
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112196.D
 Acq On : 23 Jan 2019 12:37
 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	625895	76.656	ng	100
43) 2,4,6-Trichlorophenol	9.14	196	521072	42.421	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	548841	41.953	ng	95
46) 1,1'-Biphenyl	9.32	154	1999046	37.388	ng	98
47) 2-Chloronaphthalene	9.35	162	1543697	36.885	ng	96
48) 2-Nitroaniline	9.44	65	449133	47.644	ng	93
49) Acenaphthylene	9.76	152	2444417	40.024	ng	100
50) Dimethylphthalate	9.62	163	1951485	41.849	ng	99
51) 2,6-Dinitrotoluene	9.68	165	446035	47.896	ng	# 86
52) Acenaphthene	9.93	154	1424822	38.130	ng	100
53) 3-Nitroaniline	9.85	138	317277	30.467	ng	93
54) 2,4-Dinitrophenol	9.97	184	380243	104.647	ng	96
55) Dibenzofuran	10.10	168	2139219	37.855	ng	93
56) 4-Nitrophenol	10.04	139	570210	76.849	ng	94
57) 2,4-Dinitrotoluene	10.09	165	564828	47.320	ng	# 87
58) Fluorene	10.45	166	1645367	38.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	444972	45.074	ng	95
60) Diethylphthalate	10.32	149	1856431	40.783	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	820306	36.005	ng	91
62) 4-Nitroaniline	10.47	138	426543	41.249	ng	95
63) Azobenzene	10.60	77	1588653	36.444	ng	95
65) 4,6-Dinitro-2-methylphenol	10.51	198	249982	48.277	ng	99
66) n-Nitrosodiphenylamine	10.56	169	1520194	37.095	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	544663	37.827	ng	96
68) Hexachlorobenzene	11.00	284	574622	37.047	ng	95
69) Atrazine	11.09	200	496933	37.578	ng	97
70) Pentachlorophenol	11.20	266	546221	73.759	ng	100
71) Phenanthrene	11.41	178	2420116	38.793	ng	99
72) Anthracene	11.46	178	2475373	39.170	ng	98
73) Carbazole	11.62	167	2226545	35.171	ng	97
74) Di-n-butylphthalate	11.94	149	2813459	39.508	ng	100
75) Fluoranthene	12.60	202	2193349	33.299	ng	99
77) Benzidine	12.71	184	775337	25.343	ng	96
78) Pyrene	12.83	202	2481177	41.014	ng	99
80) Butylbenzylphthalate	13.43	149	1236731	46.599	ng	91
81) Benzo(a)anthracene	14.02	228	2131870	40.549	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	606562	30.807	ng	98
83) Chrysene	14.06	228	1985578	39.913	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1743839	45.846	ng	99
85) Di-n-octyl phthalate	14.60	149	2714761	46.323	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1706264	37.176	ng	97
88) Benzo(b)fluoranthene	15.07	252	1903871	48.978	ng	99
89) Benzo(k)fluoranthene	15.10	252	1591463	42.300	ng	99
90) Benzo(a)pyrene	15.44	252	1667555	46.778	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1429021	45.134	ng	98
92) Benzo(g,h,i)perylene	17.44	276	1406439	45.089	ng	98

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

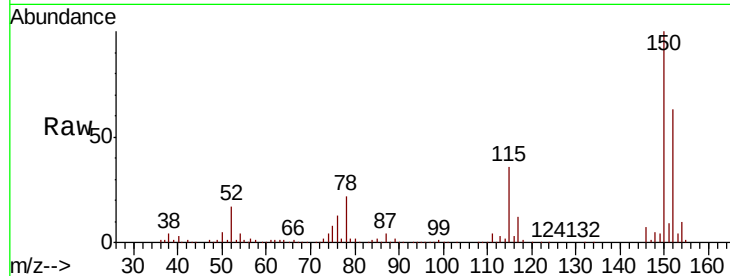


#1

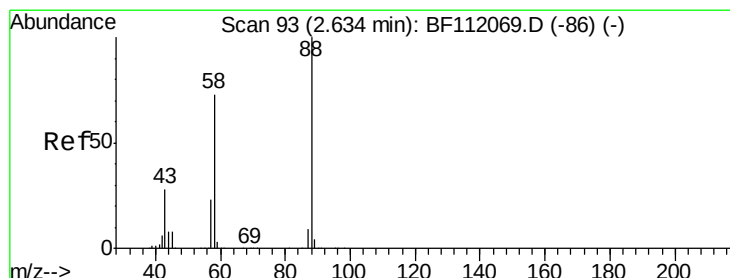
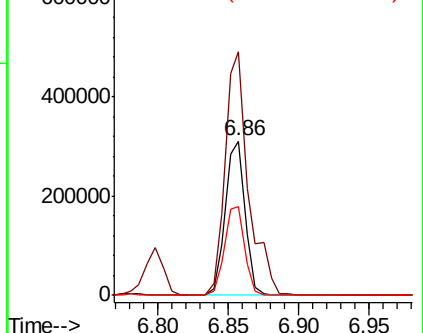
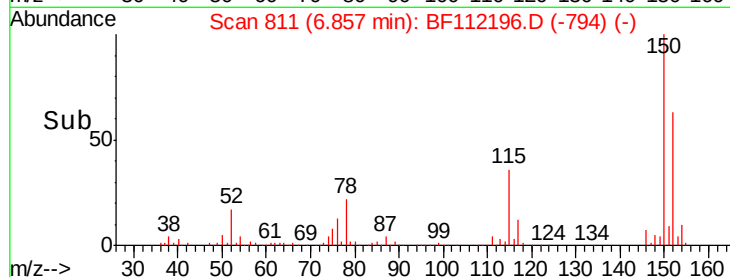
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.4	191.0
115	57.2	45.5	68.3



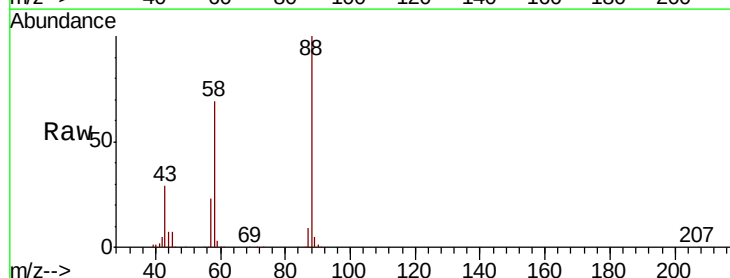
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



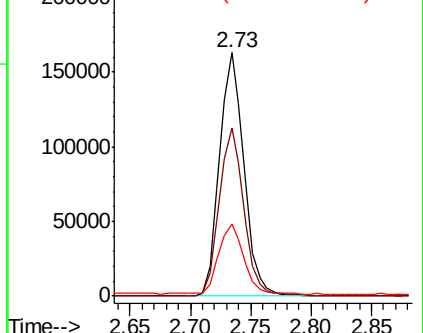
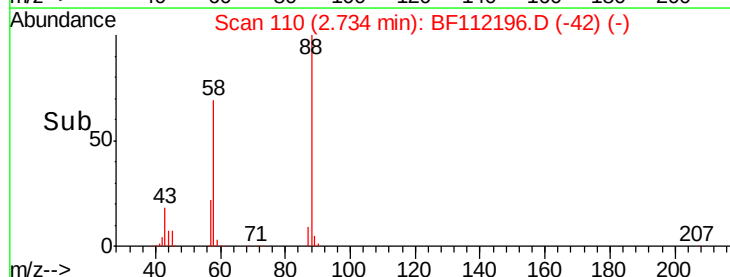
#2

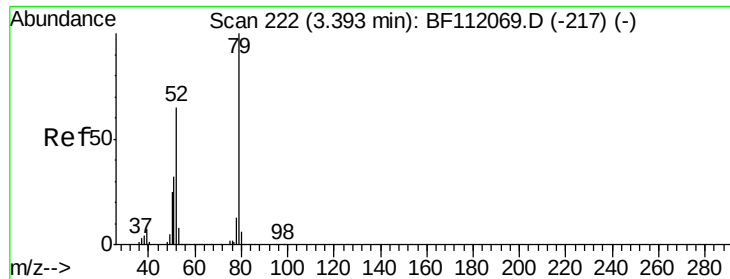
1,4-Dioxane
Concen: 29.119 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.10 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	57.4	86.2
43	30.1	22.2	33.4



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





#3

Pvridine

Concen: 30.212 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

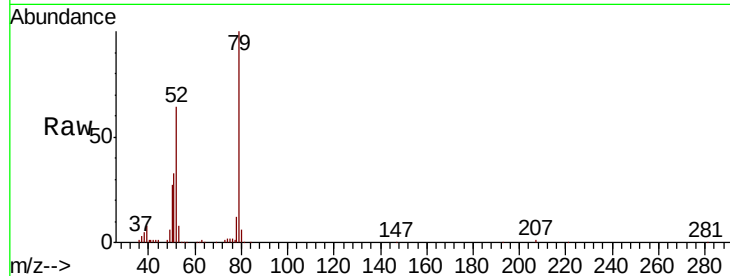
Tot Ion: 79 Resp: 590424

Ion Ratio Lower Upper

79 100

52 64.5 52.4 78.6

51 33.2 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

200000

150000

100000

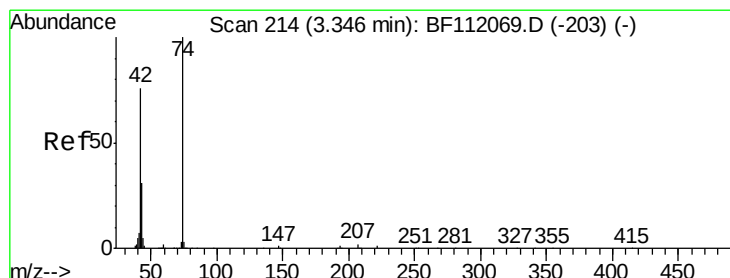
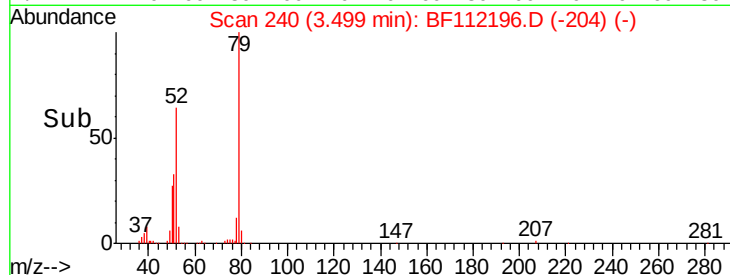
50000

0

3.50

3.40 3.50 3.60 3.70 3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.255 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.09 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

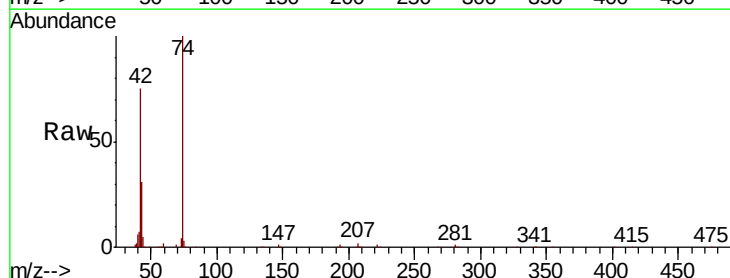
Tgt Ion: 42 Resp: 311474

Ion Ratio Lower Upper

42 100

74 132.5 105.6 158.4

44 6.7 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

250000

200000

150000

100000

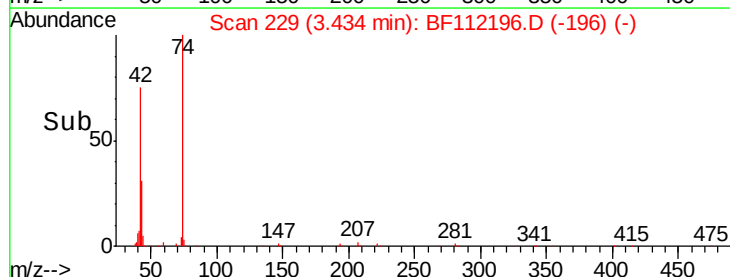
50000

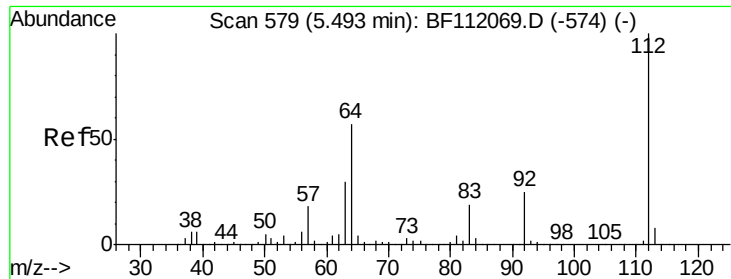
0

3.43

3.40 3.50

Time-->





#5

2-Fluorophenol

Concen: 129.625 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

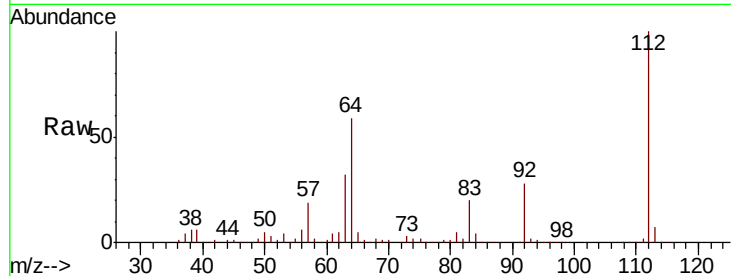
Tot Ion:112 Resp: 2156553

Ion Ratio Lower Upper

112 100

64 59.4 45.7 68.5

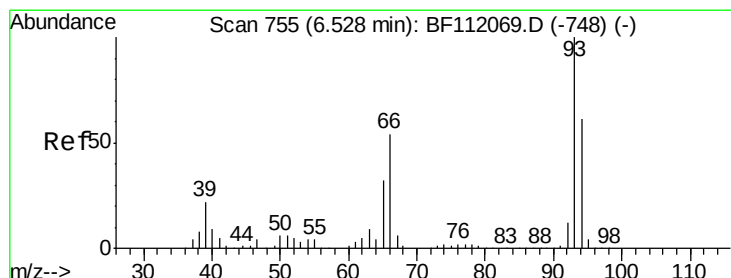
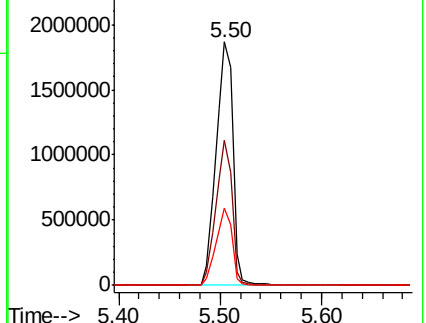
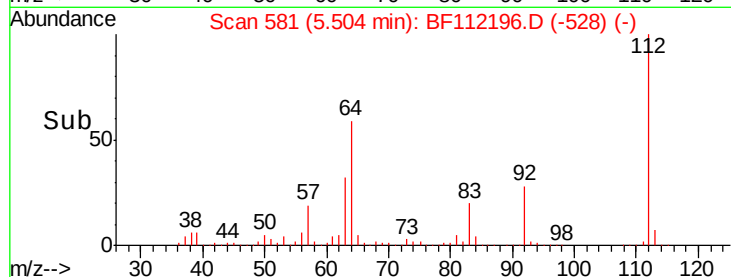
63 31.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.639 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

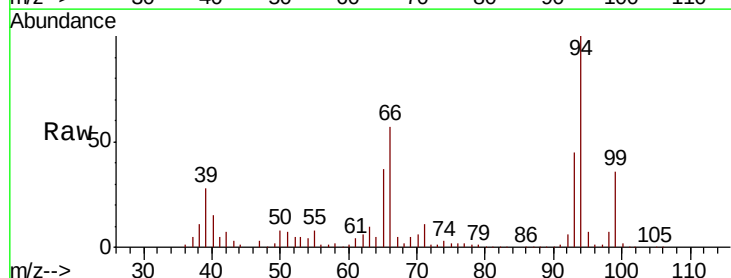
Tgt Ion: 93 Resp: 725039

Ion Ratio Lower Upper

93 100

66 126.3 43.4 65.2#

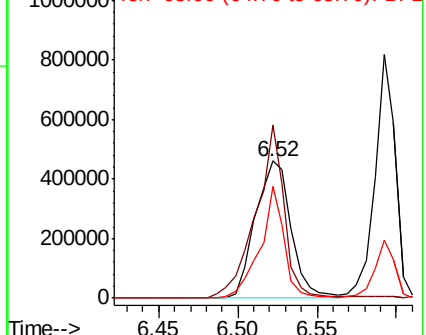
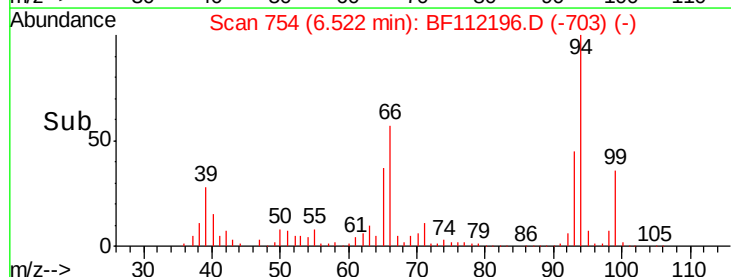
65 81.8 25.3 37.9#

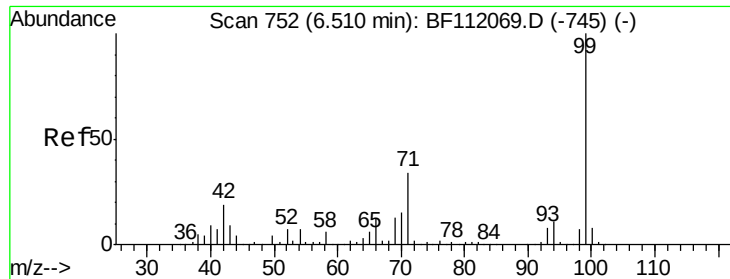


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.269 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

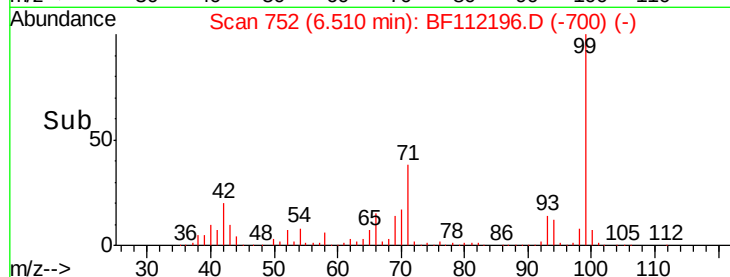
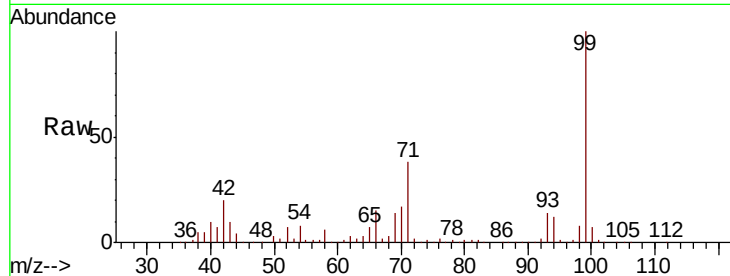
Tot Ion: 99 Resp: 2732410

Ion Ratio Lower Upper

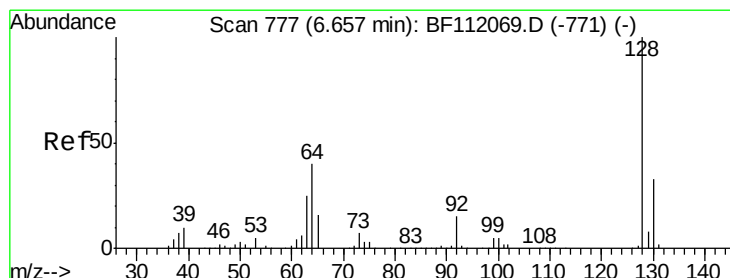
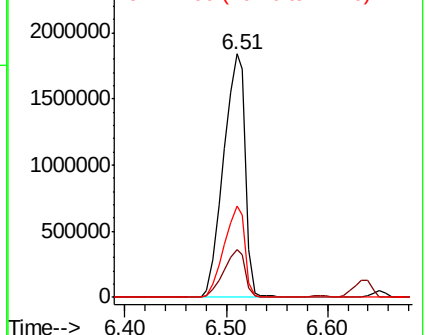
99 100

42 19.6 15.1 22.7

71 37.6 26.9 40.3



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



#8

2-Chlorophenol

Concen: 42.075 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

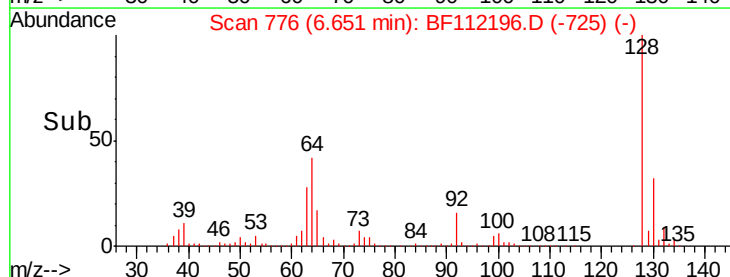
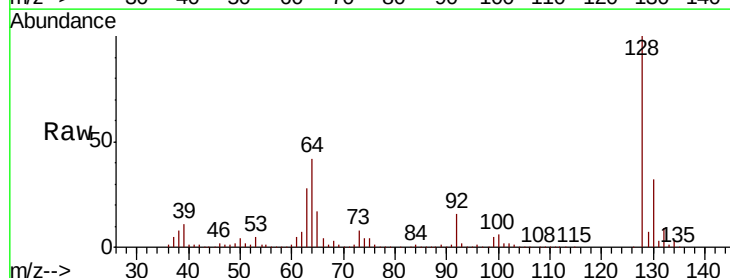
Tgt Ion: 128 Resp: 812986

Ion Ratio Lower Upper

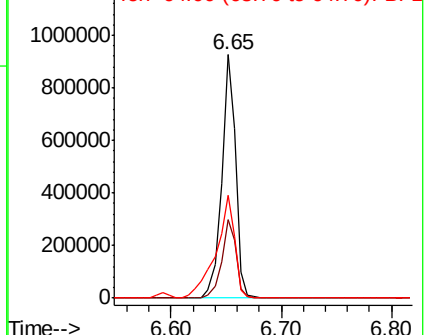
128 100

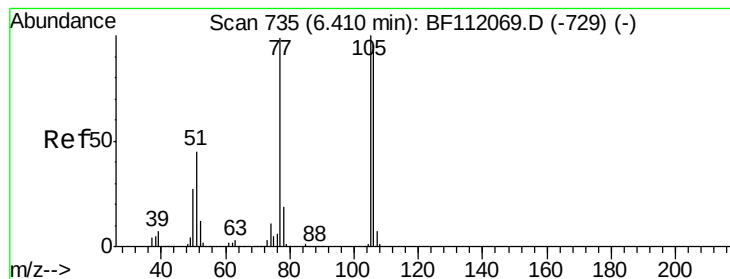
130 32.3 13.4 53.4

64 42.4 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: 8.180 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

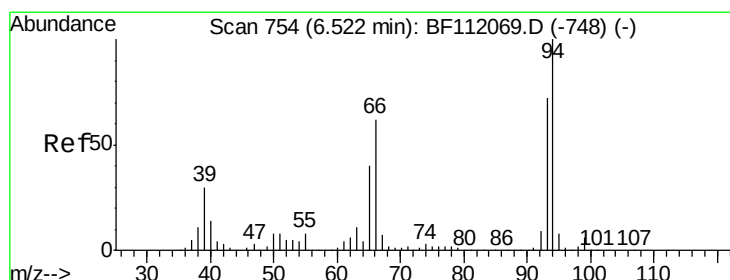
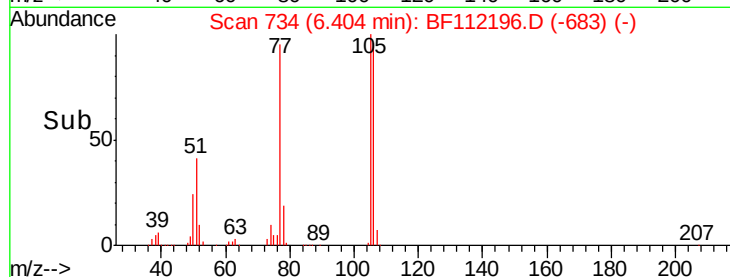
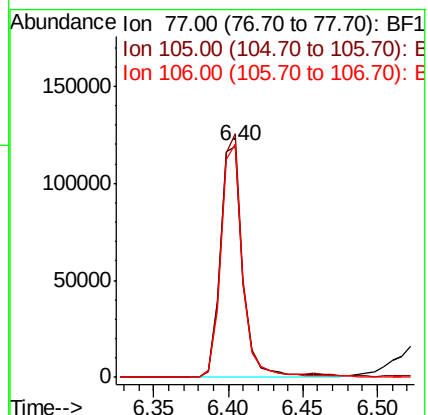
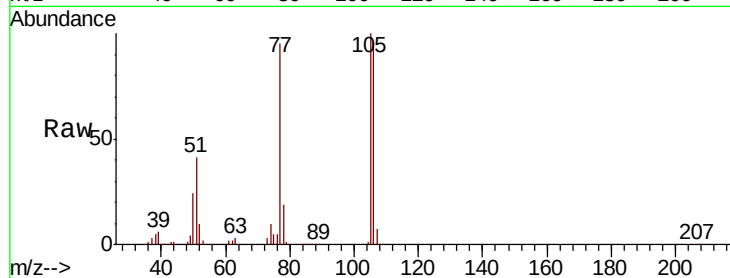
Tot Ion: 77 Resp: 127802

Ion Ratio Lower Upper

77 100

105 105.3 80.8 120.8

106 100.7 75.7 115.7



#10

Phenol

Concen: 39.711 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

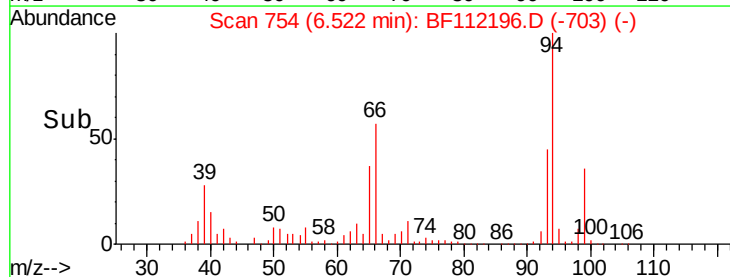
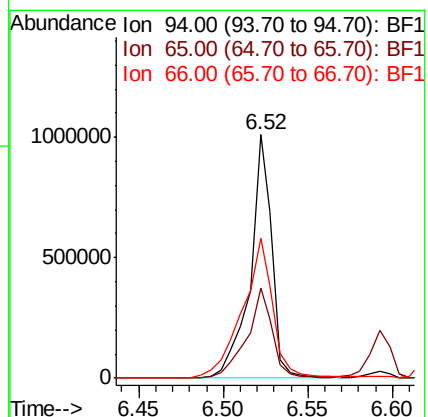
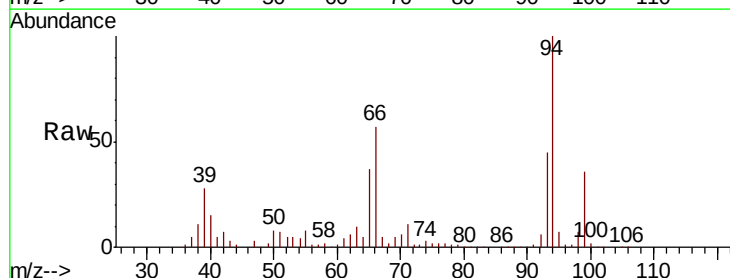
Tgt Ion: 94 Resp: 903388

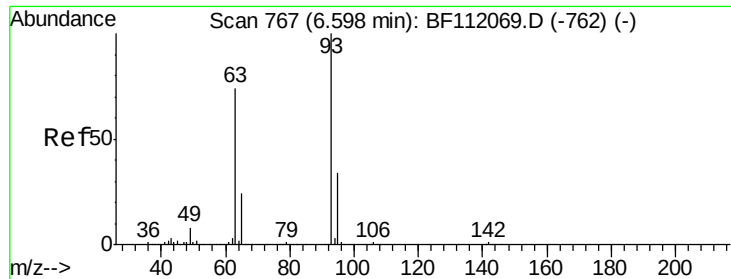
Ion Ratio Lower Upper

94 100

65 37.2 20.3 60.3

66 57.4 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 40.784 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

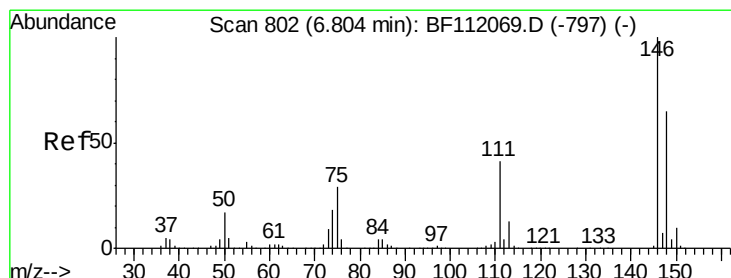
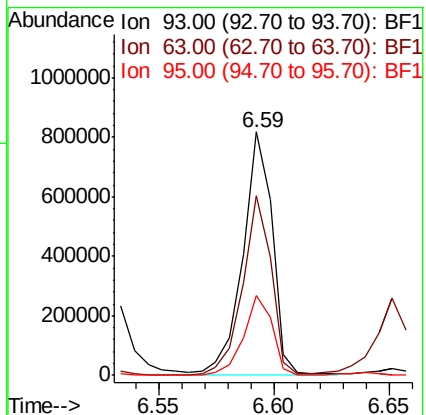
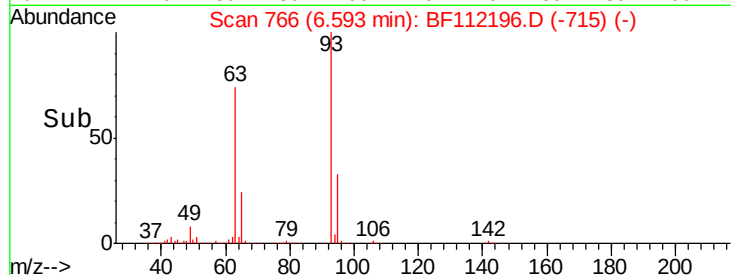
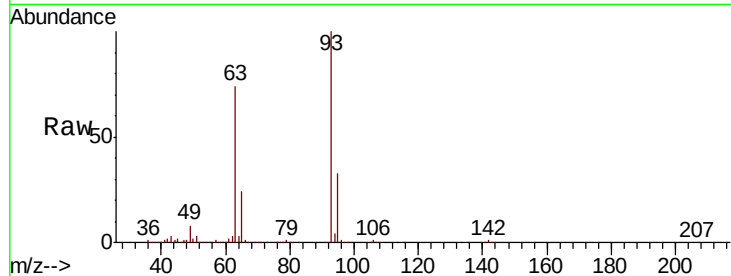
Tot Ion: 93 Resp: 737700

Ion Ratio Lower Upper

93 100

63 73.9 53.3 93.3

95 33.0 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 37.464 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

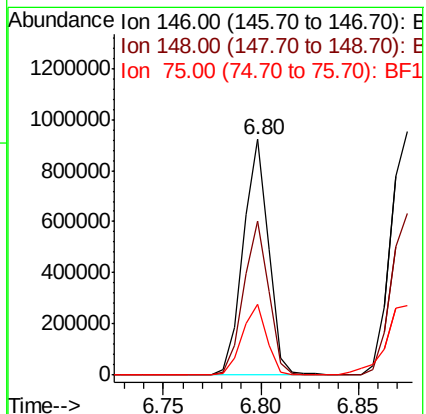
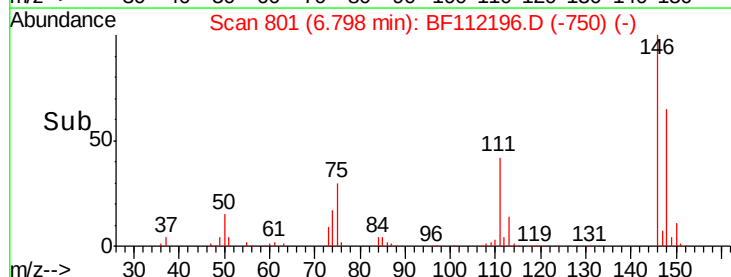
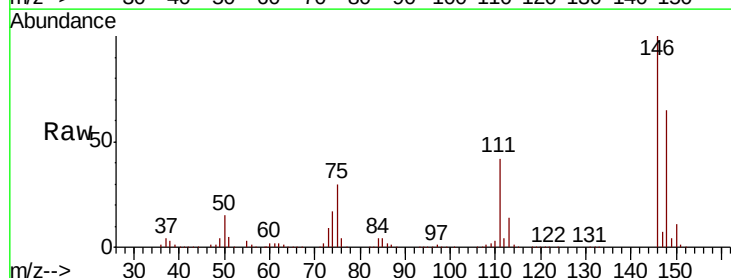
Tgt Ion: 146 Resp: 826103

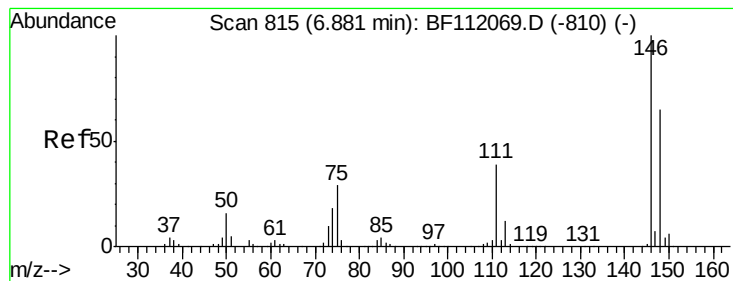
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 30.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 37.289 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

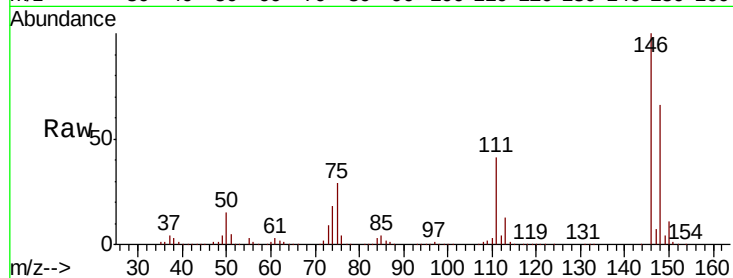
Tot Ion:146 Resp: 841072

Ion Ratio Lower Upper

146 100

148 66.2 52.0 78.0

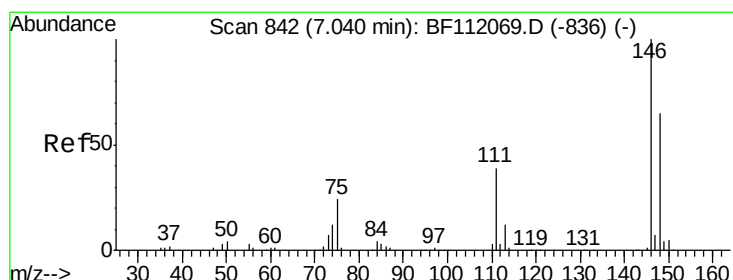
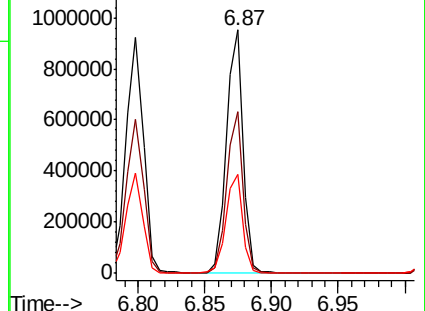
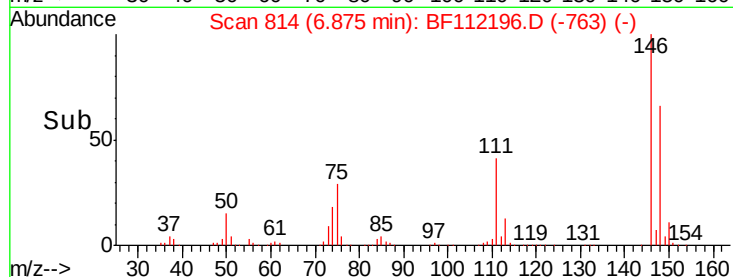
111 40.7 31.2 46.8



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: 37.873 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

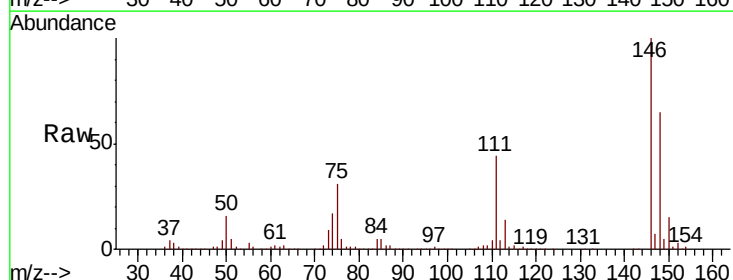
Tgt Ion:146 Resp: 786867

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

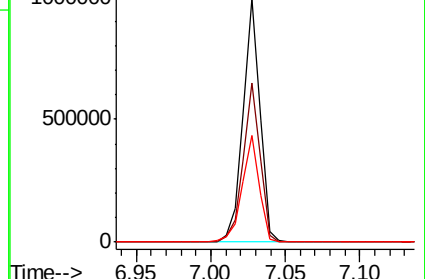
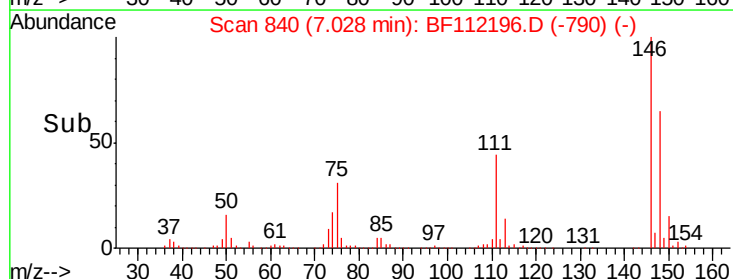
111 43.8 31.2 46.8

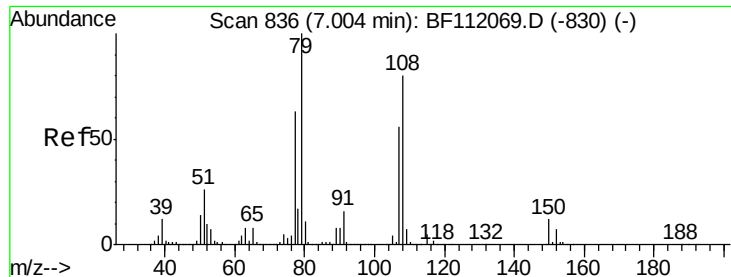


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

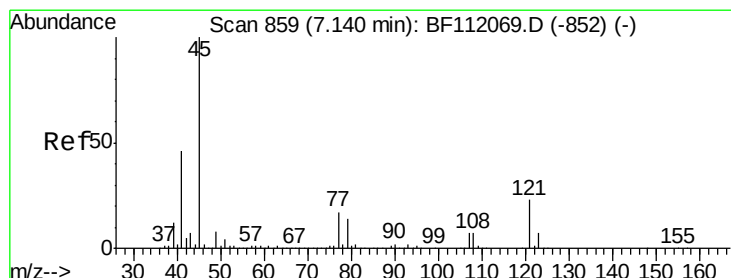
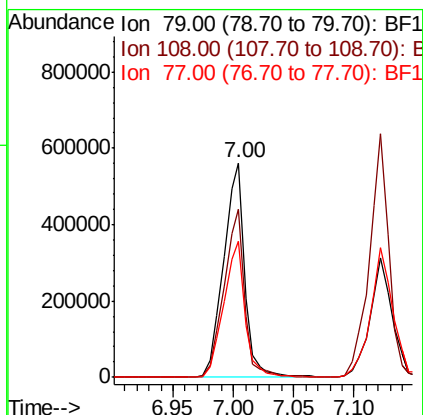
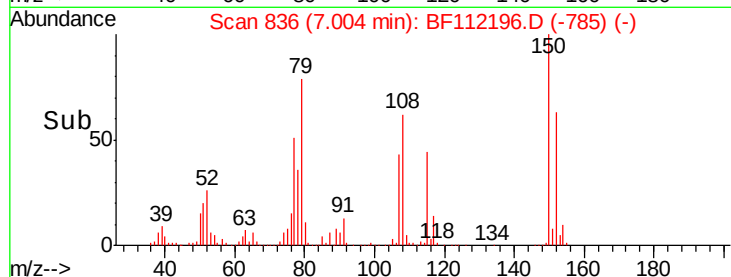
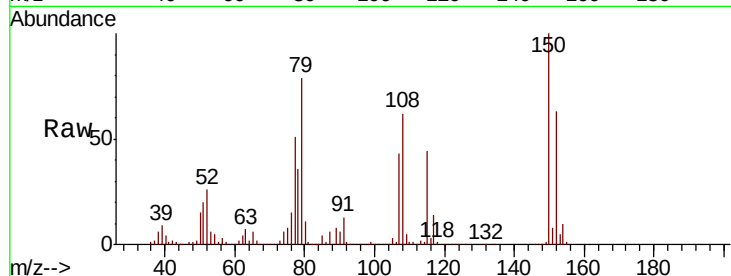




#15
Benzyl Alcohol
Concen: 43.959 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

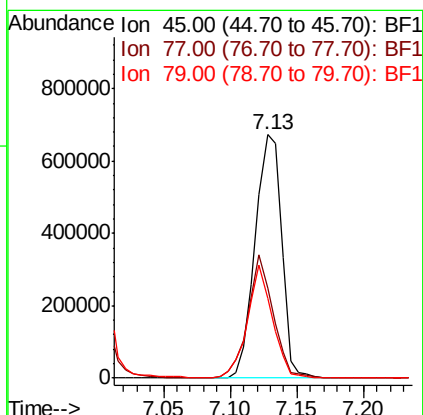
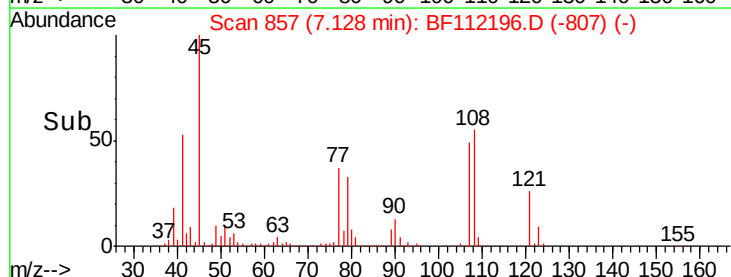
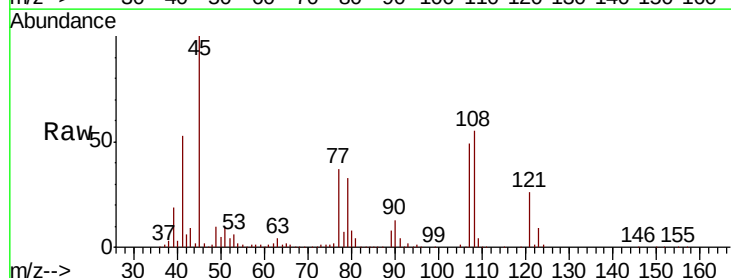
Instrument :
BNA_F
ClientSampled :

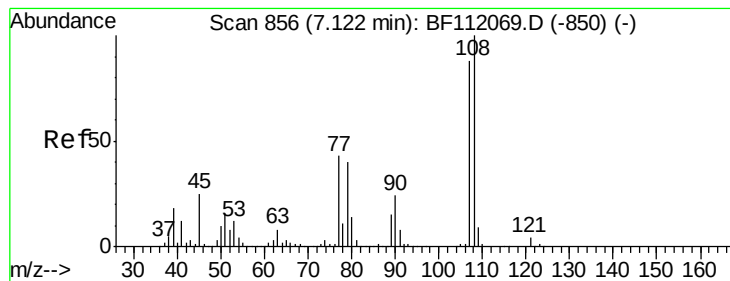
Tot Ion: 79 Resp: 681716
Ion Ratio Lower Upper
79 100
108 78.2 64.2 96.2
77 63.7 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.242 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion: 45 Resp: 919265
Ion Ratio Lower Upper
45 100
77 37.1 0.0 36.9#
79 32.8 0.0 34.0

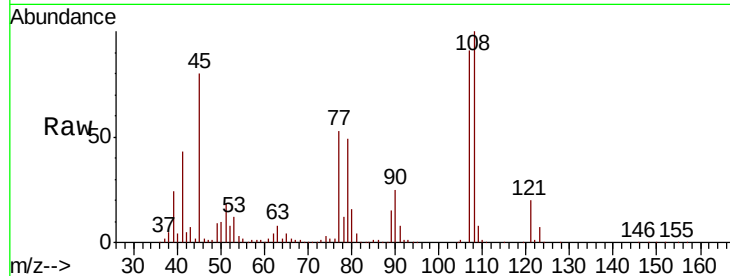




#17
2-Methylphenol
Concen: 44.676 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.3	136.9
77	58.7	39.0	58.6#
79	54.1	37.0	55.4



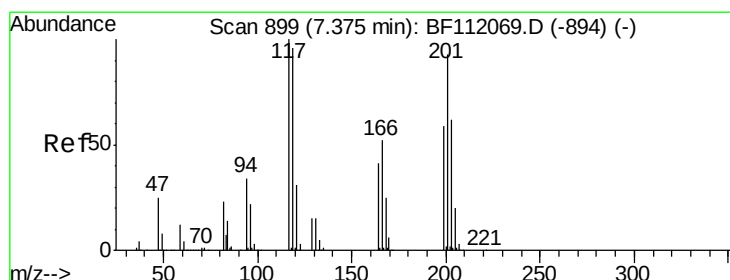
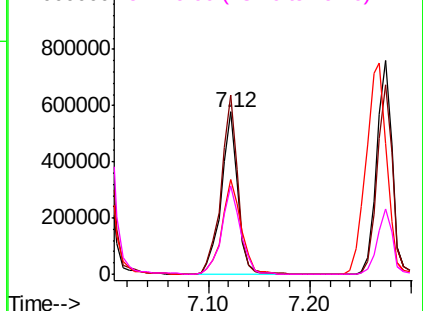
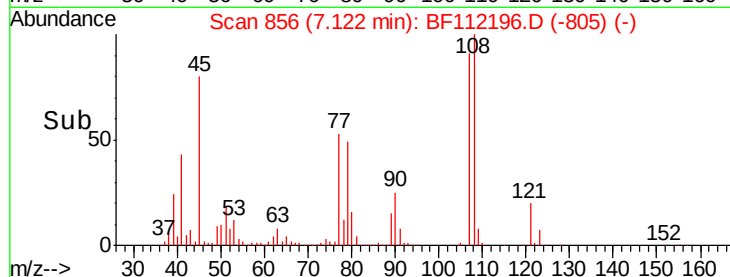
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

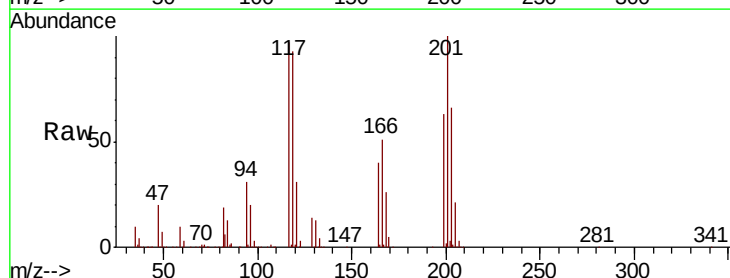
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.411 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.0	115.4
201	103.1	74.1	111.1

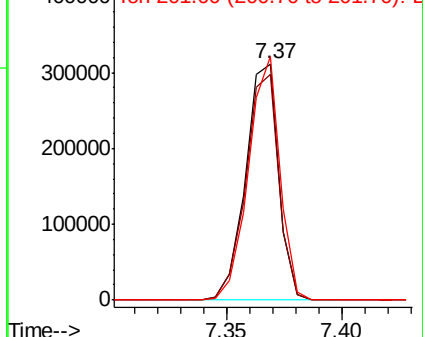
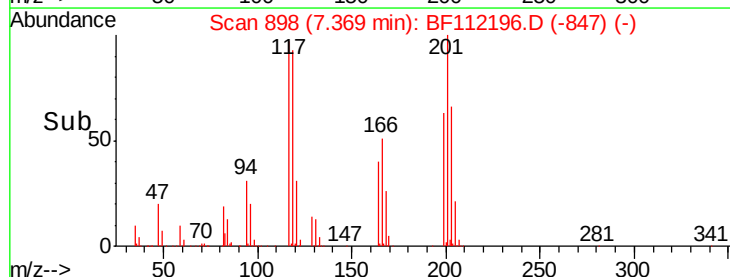


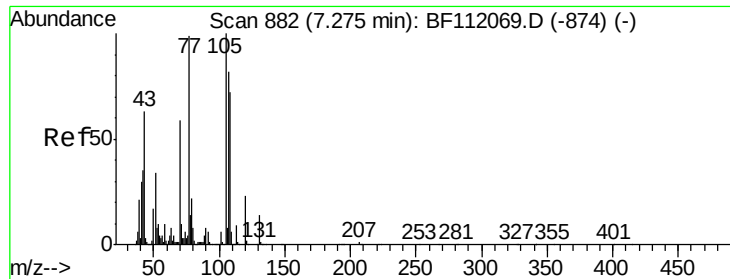
Abundance

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

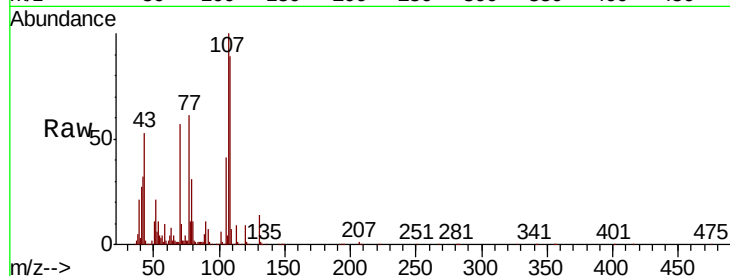




#19
n-Nitroso-di-n-propylamine
Concen: 43.288 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.6	71.4
101	10.0	7.9	11.9
130	24.0	18.4	27.6



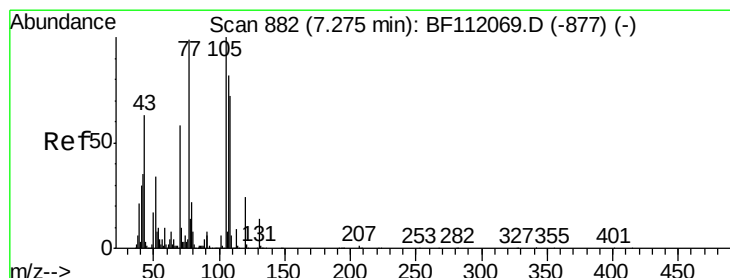
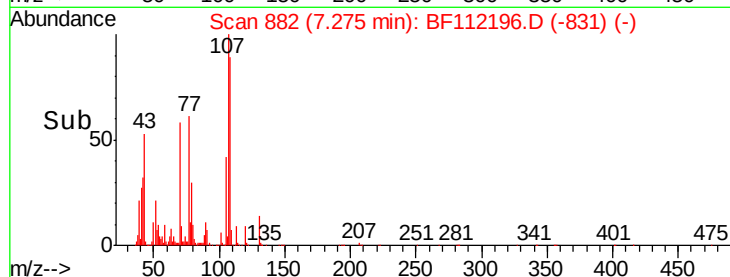
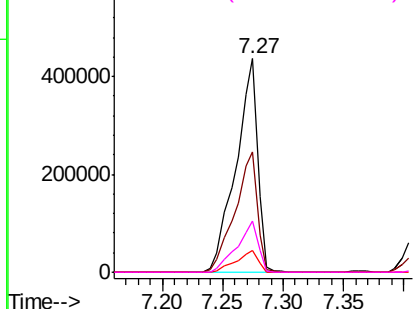
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.696 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	61.0	100.7	140.7
79	30.6	7.3	47.3

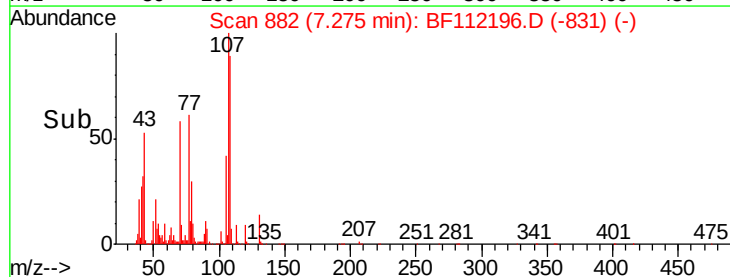
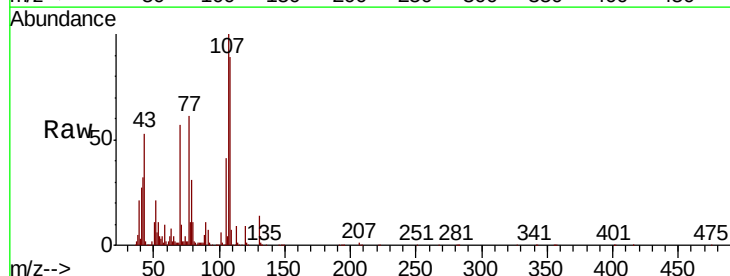
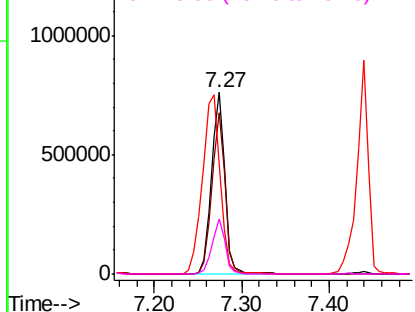
Abundance

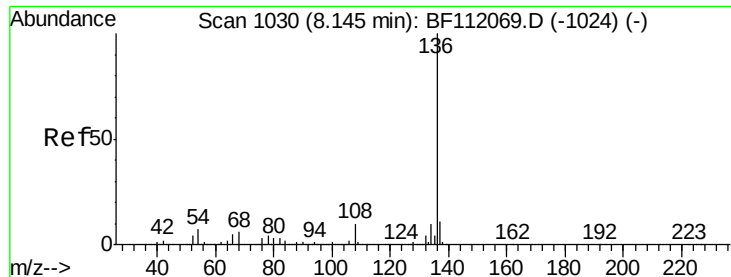
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

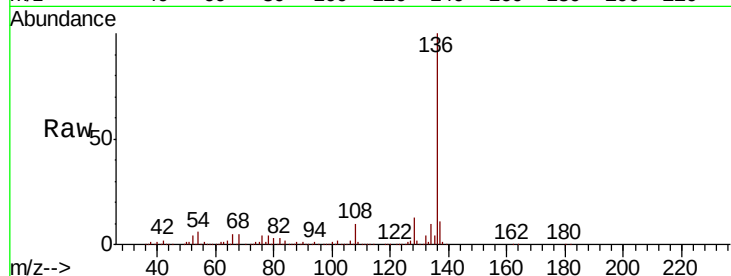




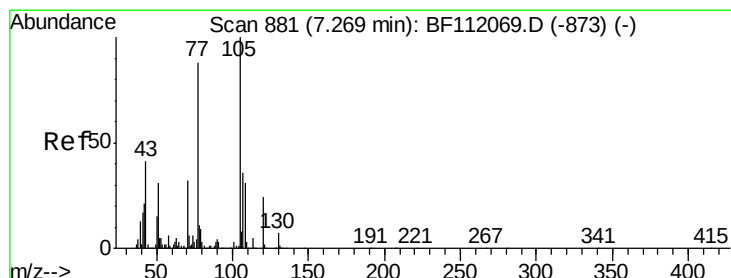
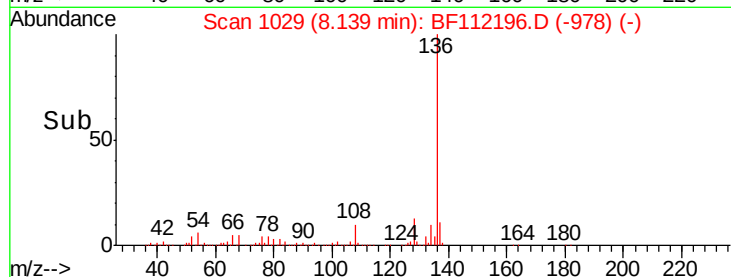
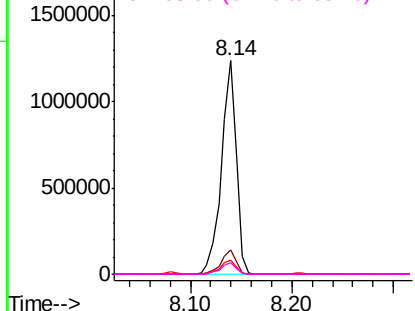
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1249610
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 6.4	5.9 8.9
68 5.2	5.1 7.7

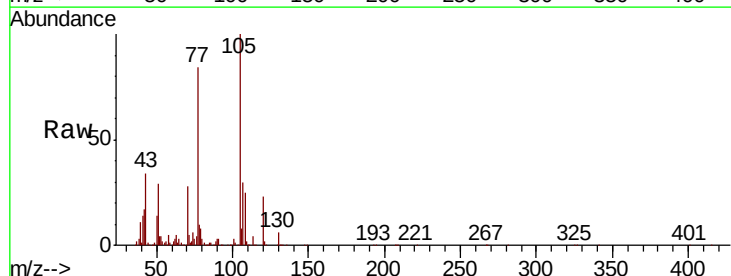


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

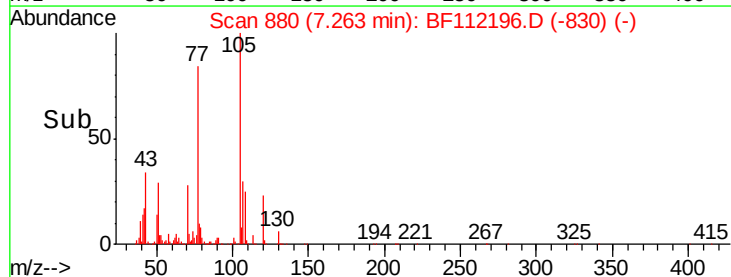
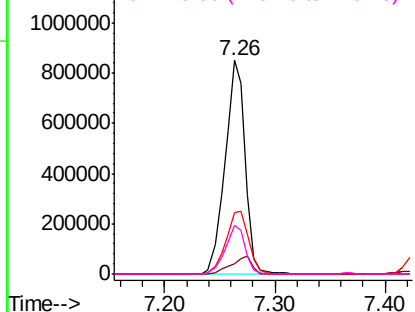


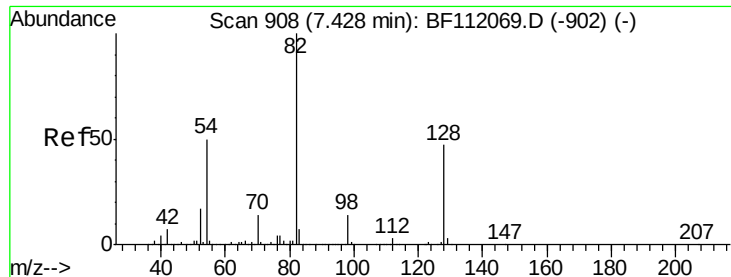
#22
Acetophenone
Concen: 37.363 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt	Ion:105	Resp:	1081669
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.6	6.8#
51	28.6	25.0	37.6
120	22.7	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

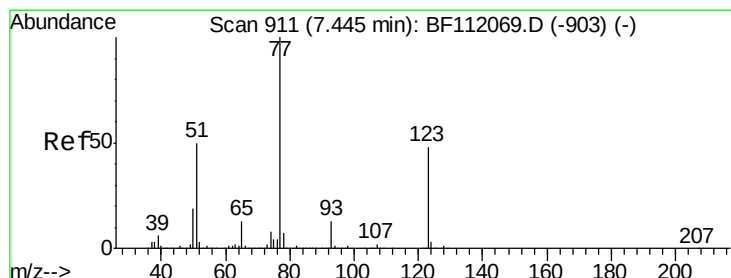
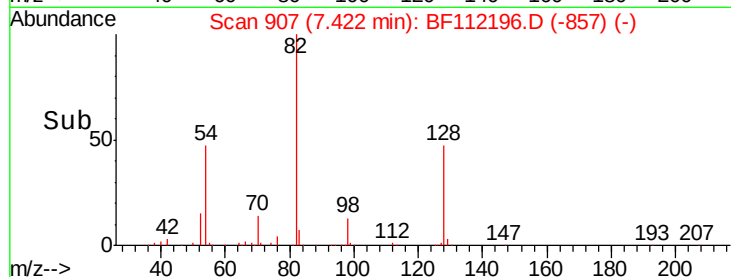
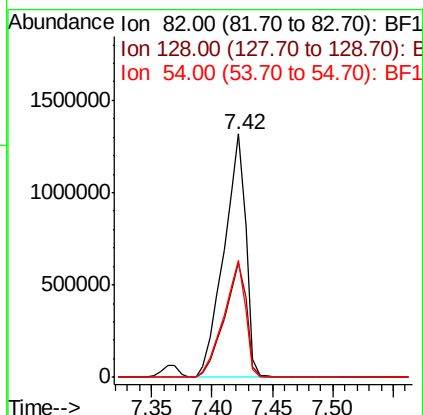
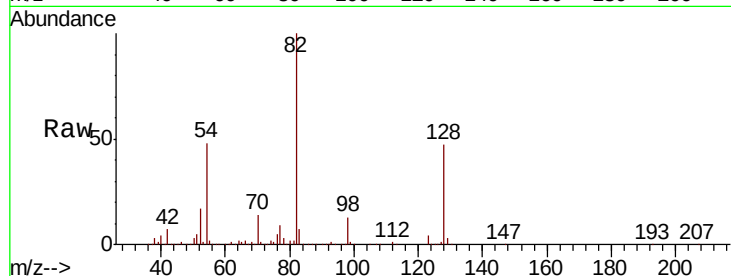




#23
Nitrobenzene-d5
Concen: 91.444 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

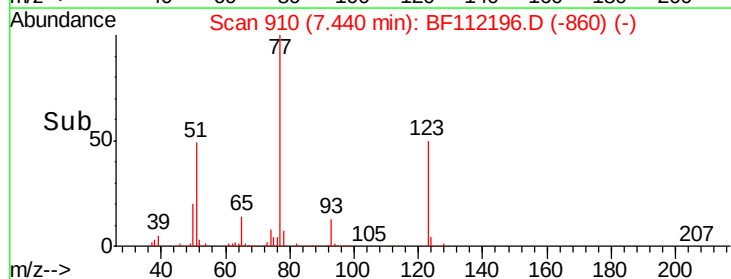
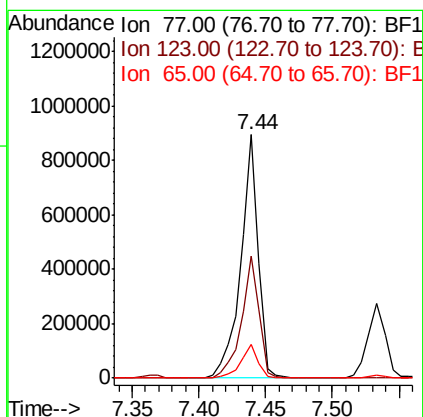
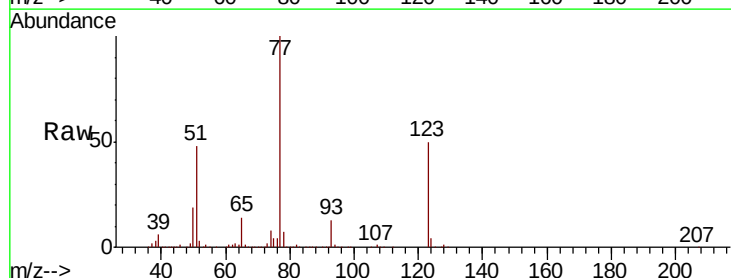
Instrument :
BNA_F
ClientSampleId :

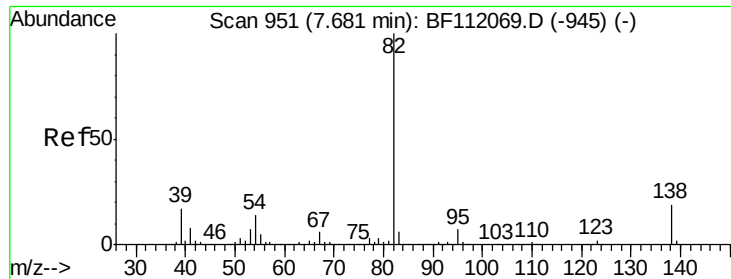
Tot Ion: 82 Resp: 1653949
Ion Ratio Lower Upper
82 100
128 46.9 37.8 56.8
54 48.0 39.7 59.5



#24
Nitrobenzene
Concen: 42.479 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion: 77 Resp: 814281
Ion Ratio Lower Upper
77 100
123 49.9 38.4 57.6
65 13.7 10.6 15.8





#25

Isophorone

Concen: 43.287 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

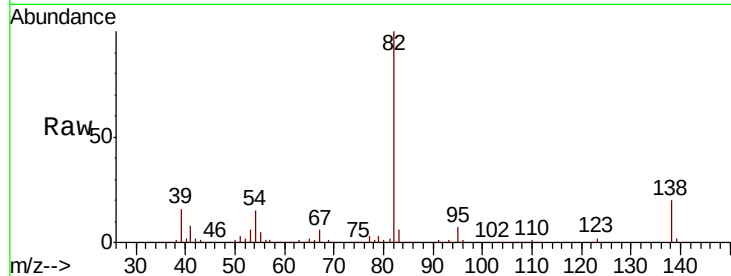
Tot Ion: 82 Resp: 1512261

Ion Ratio Lower Upper

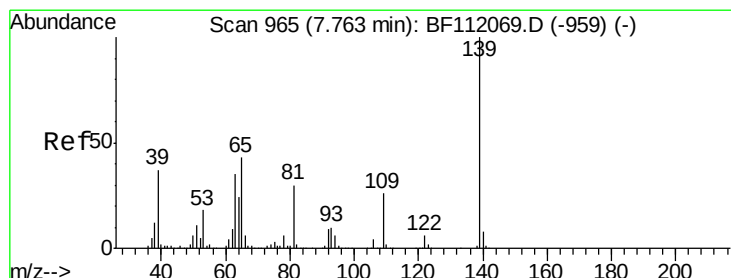
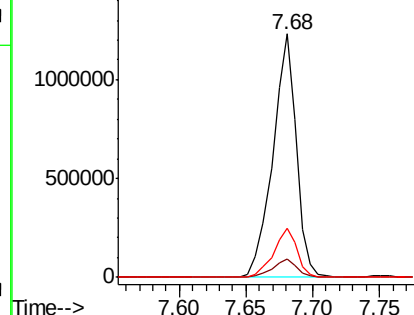
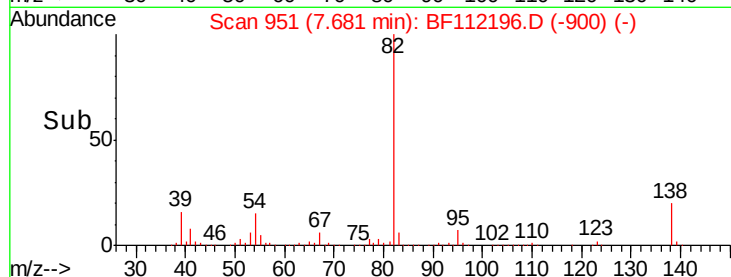
82 100

95 7.4 5.7 8.5

138 20.1 15.4 23.0



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



#26

2-Nitrophenol

Concen: 47.544 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

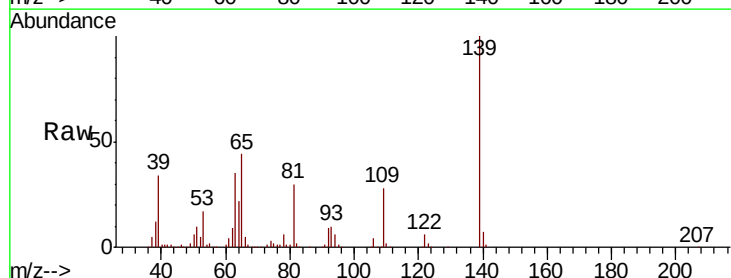
Tgt Ion: 139 Resp: 467496

Ion Ratio Lower Upper

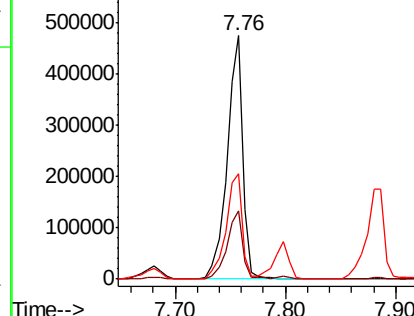
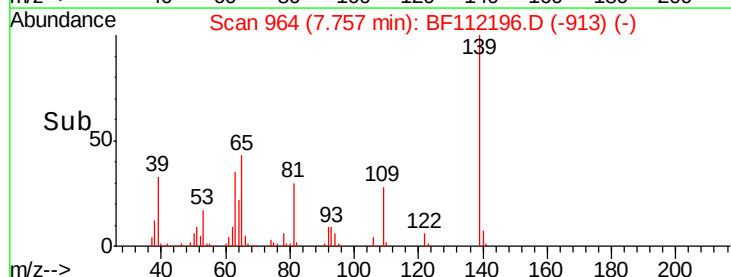
139 100

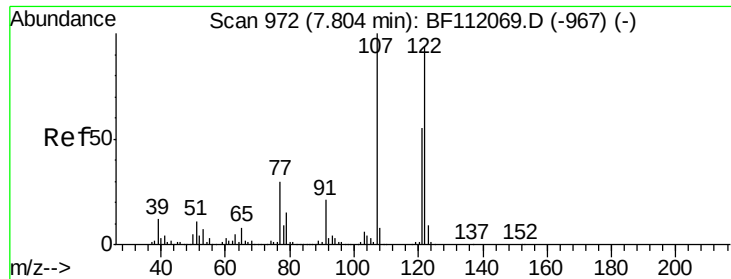
109 28.2 20.8 31.2

65 43.5 34.4 51.6



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

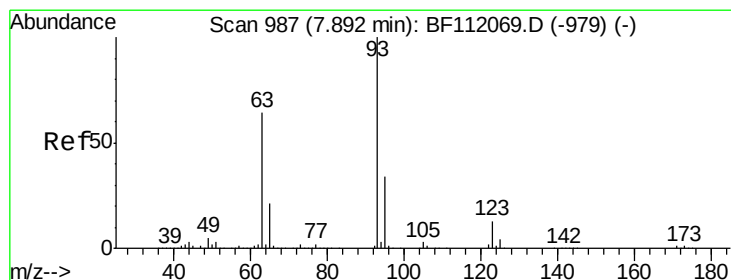
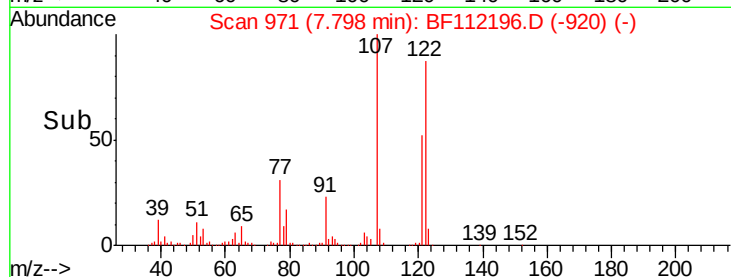
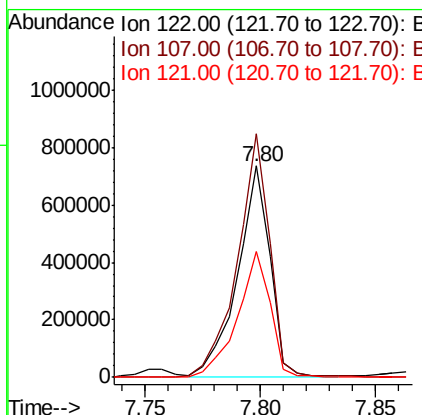
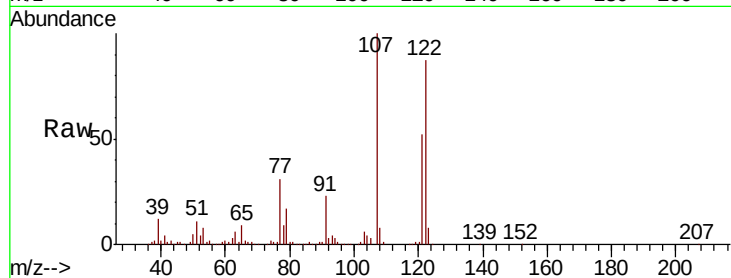




#27
 2,4-Dimethylphenol
 Concen: 44.690 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

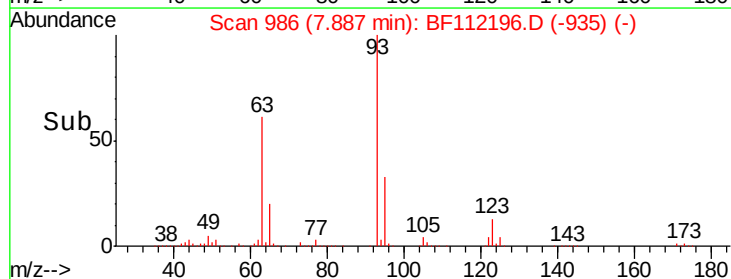
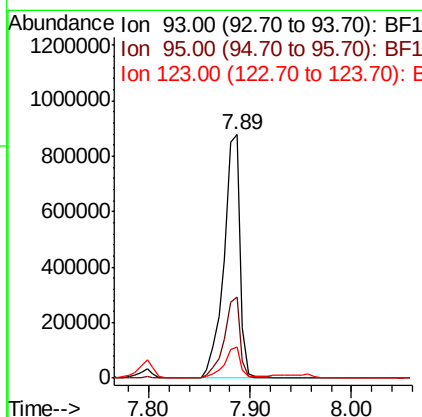
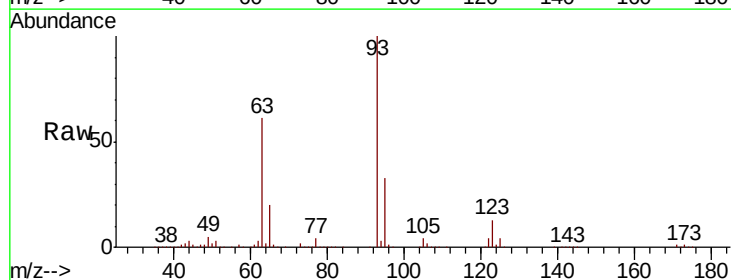
Instrument :
 BNA_F
 ClientSampled :

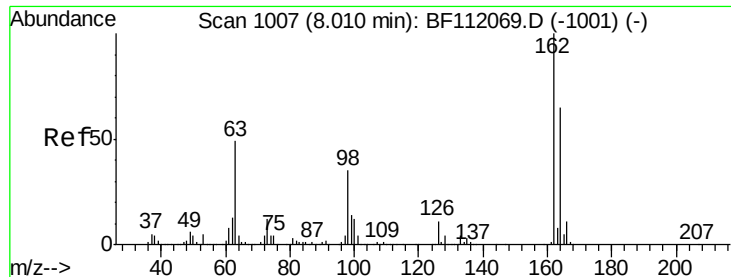
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	85.4	128.0
121	59.5	47.0	70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.565 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.8	40.2
123	12.8	10.2	15.2

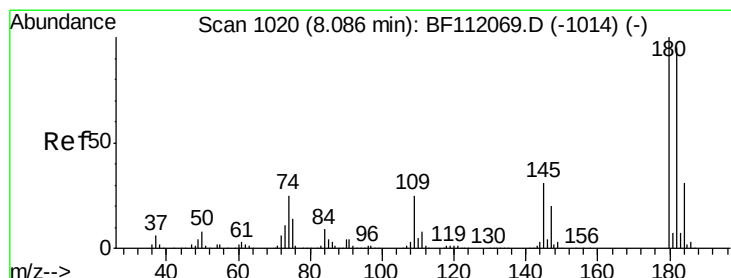
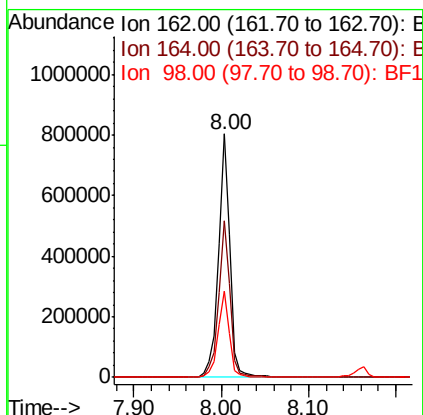
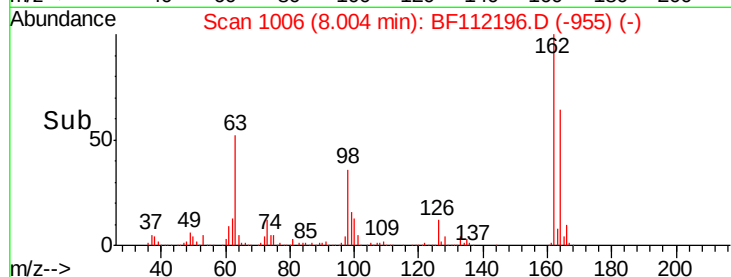
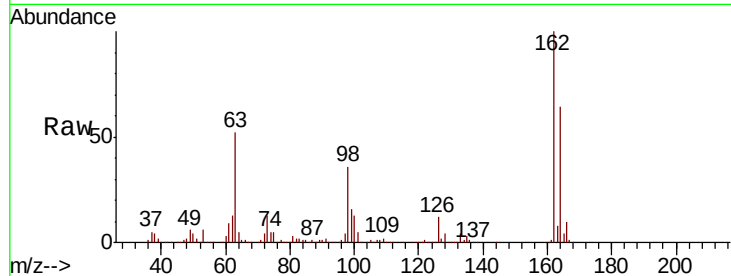




#29
2,4-Dichlorophenol
Concen: 41.328 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

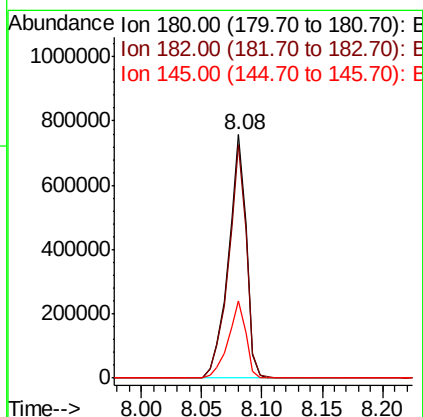
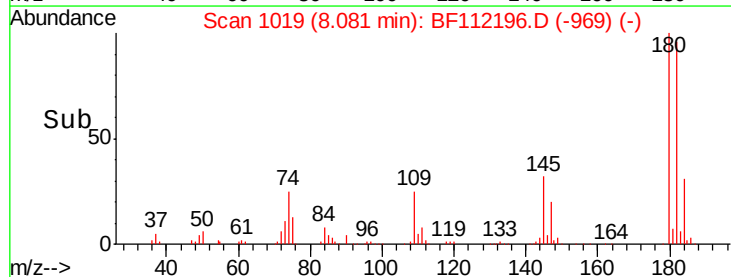
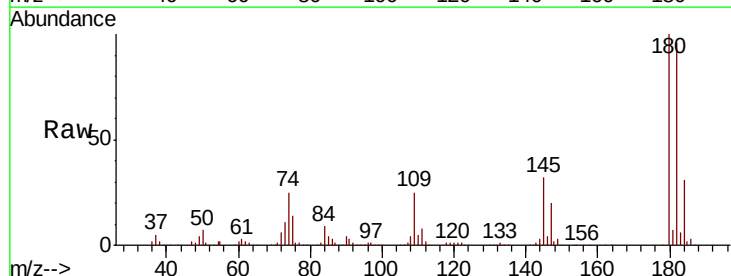
Instrument :
BNA_F
ClientSampleId :

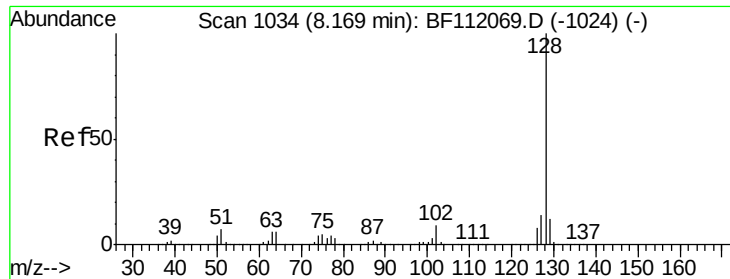
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.5	14.6	54.6



#30
1,2,4-Trichlorobenzene
Concen: 37.764 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	31.9	25.0	37.4

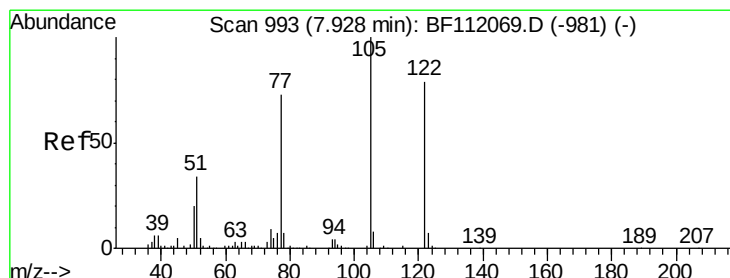
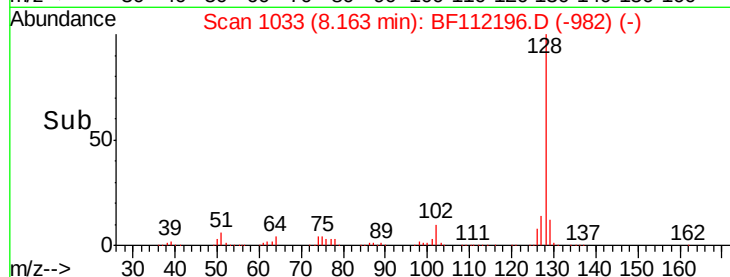
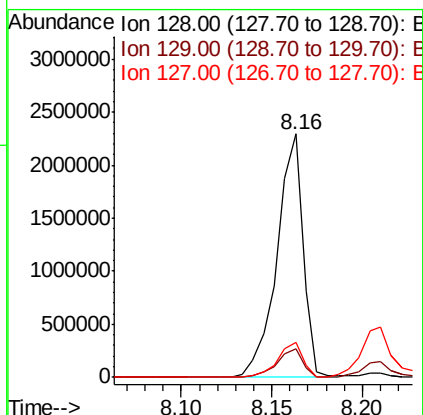
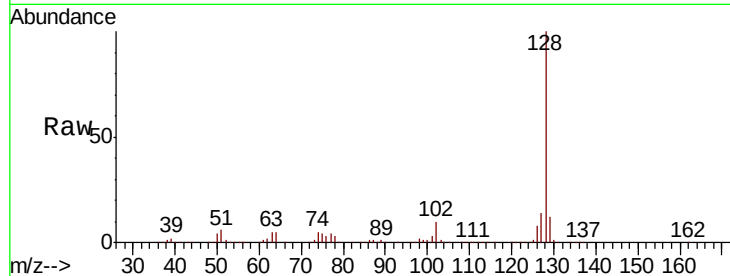




#31
Naphthalene
Concen: 40.568 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

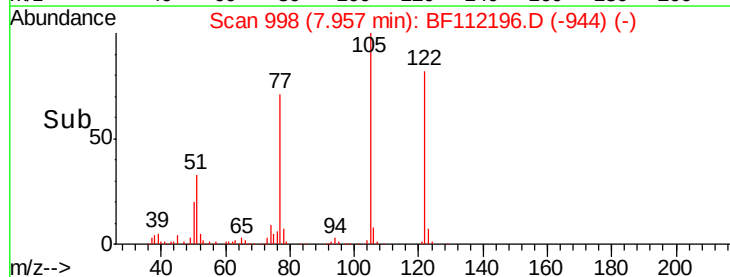
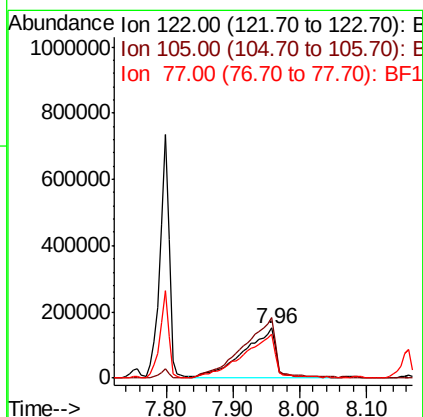
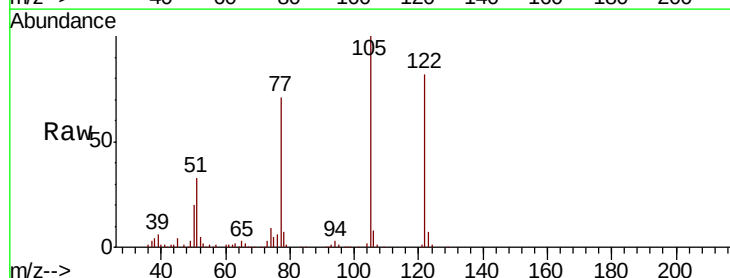
Instrument :
BNA_F
ClientSampleId :

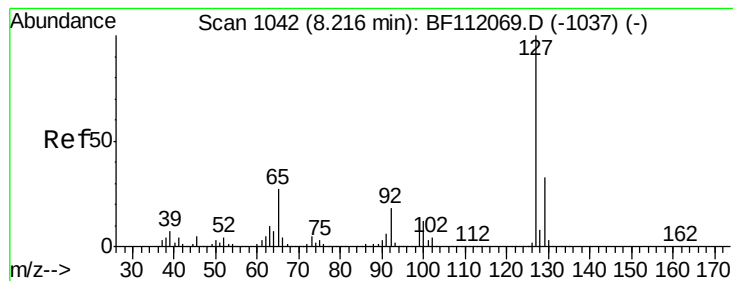
Tot Ion:128 Resp: 2305710
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.3 11.1 16.7



#32
Benzoic acid
Concen: 60.308 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:122 Resp: 500285
Ion Ratio Lower Upper
122 100
105 121.8 101.2 141.2
77 87.0 70.4 110.4





#33

4-Chloroaniline

Concen: 23.728 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 606089

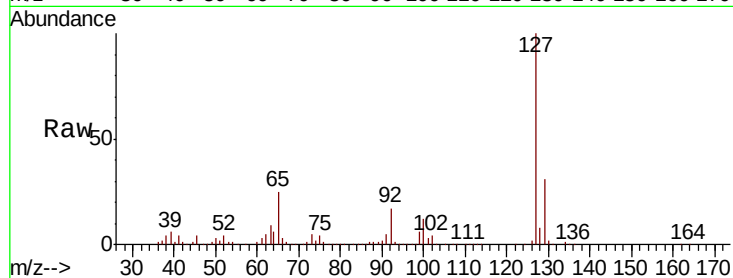
Ion Ratio Lower Upper

127 100

129 31.3 26.6 39.8

65 25.1 21.4 32.2

92 17.1 14.2 21.2

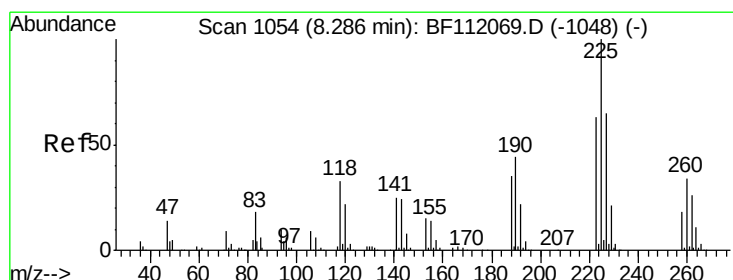
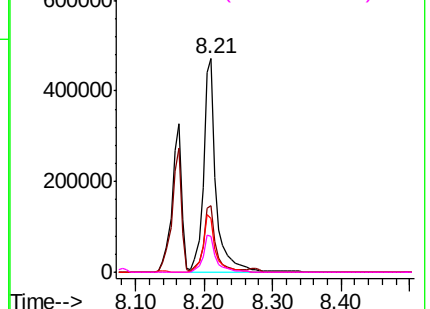
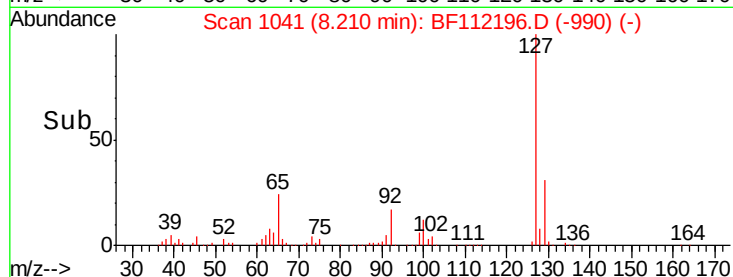


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.674 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

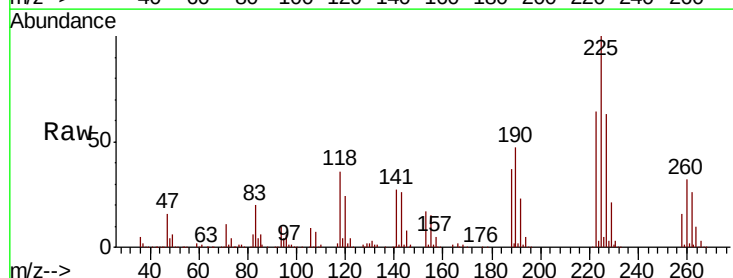
Tgt Ion:225 Resp: 431020

Ion Ratio Lower Upper

225 100

223 63.6 50.3 75.5

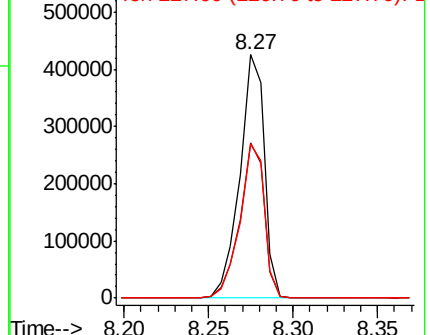
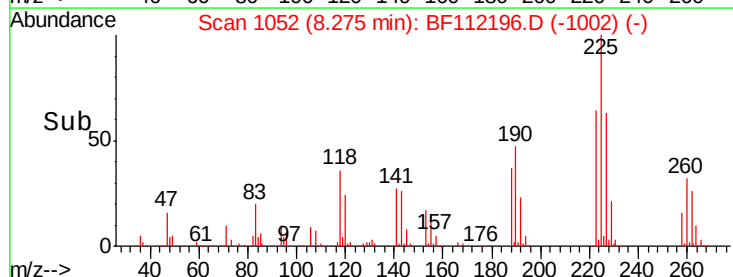
227 63.4 51.8 77.8

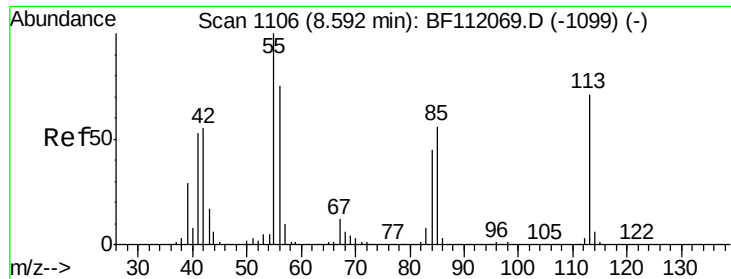


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

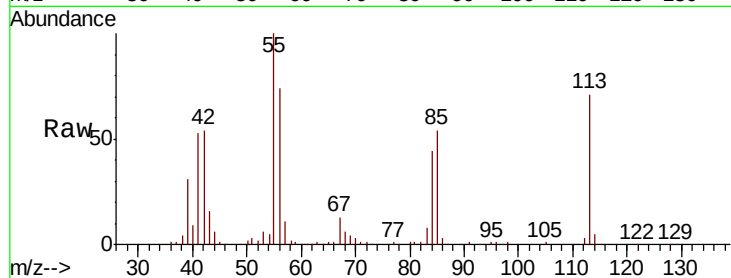




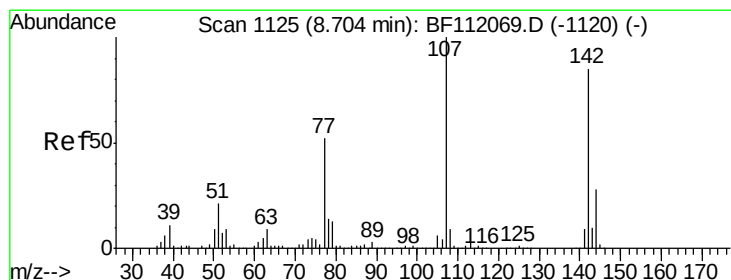
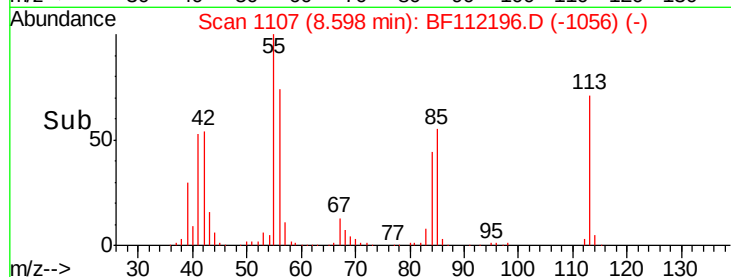
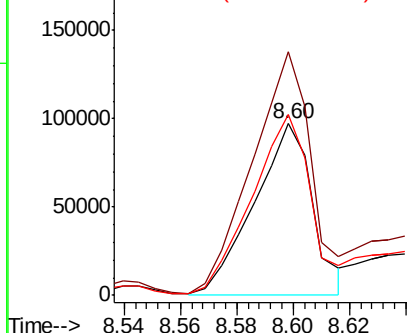
#35
 Caprolactam
 Concen: 22.390 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 138823
 Ion Ratio Lower Upper
 113 100
 55 141.7 121.6 161.6
 56 105.1 86.7 126.7

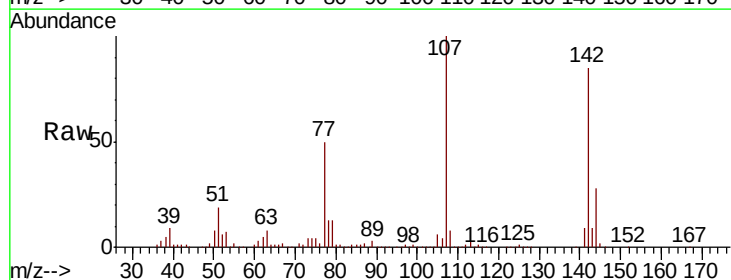


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

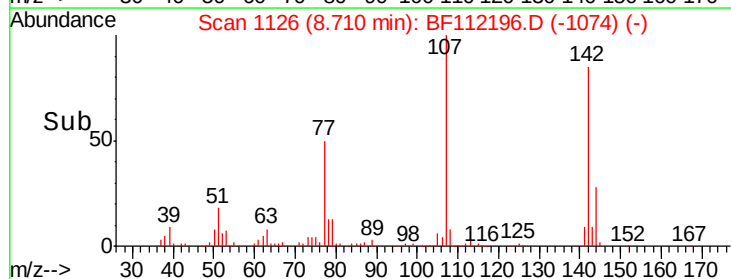
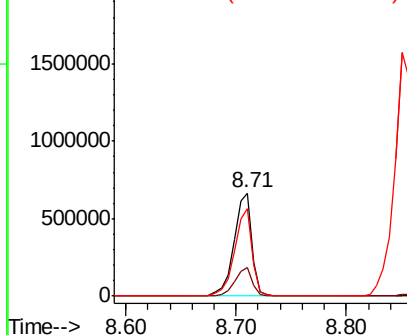


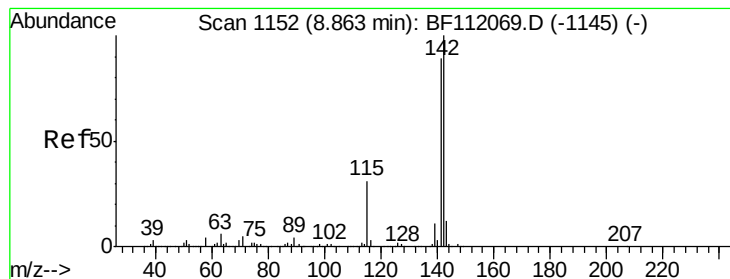
#36
 4-Chloro-3-methylphenol
 Concen: 43.627 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion:107 Resp: 754849
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.2 33.2
 142 85.3 67.7 101.5



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





#37

2-Methylnaphthalene

Concen: 43.200 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

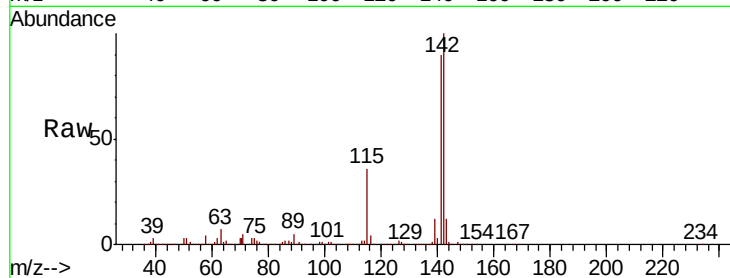
Tot Ion:142 Resp: 1667290

Ion Ratio Lower Upper

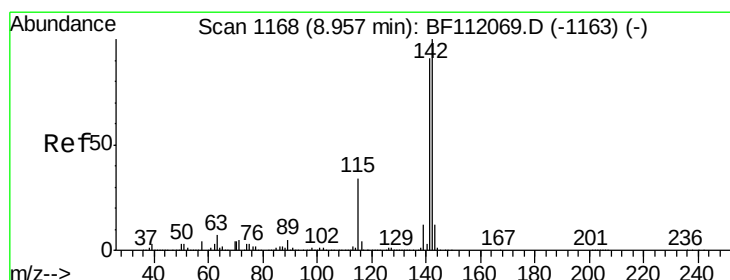
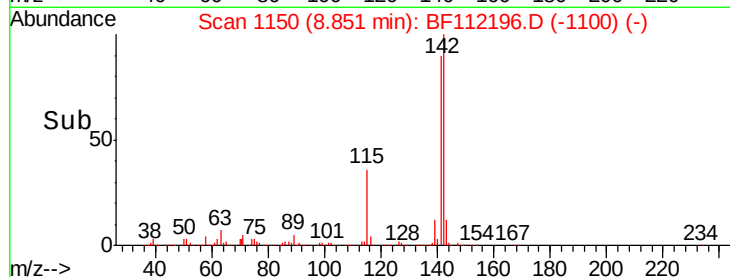
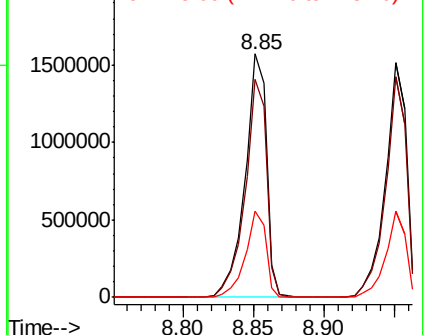
142 100

141 89.8 70.9 106.3

115 35.7 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: 42.482 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

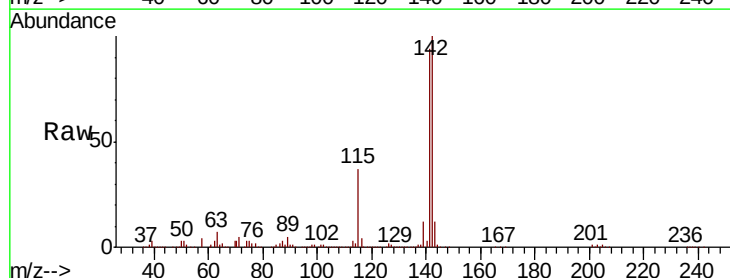
Tgt Ion:142 Resp: 1575734

Ion Ratio Lower Upper

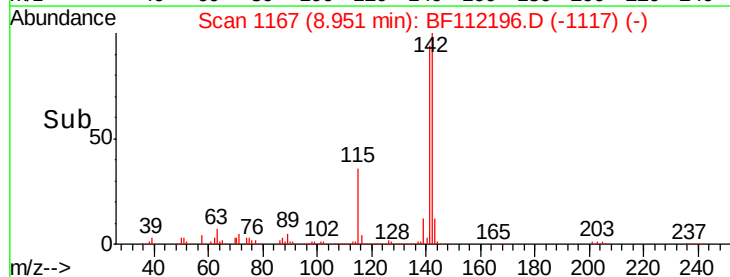
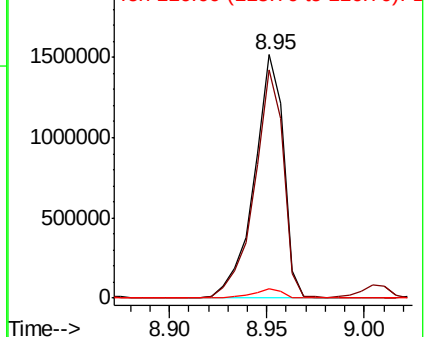
142 100

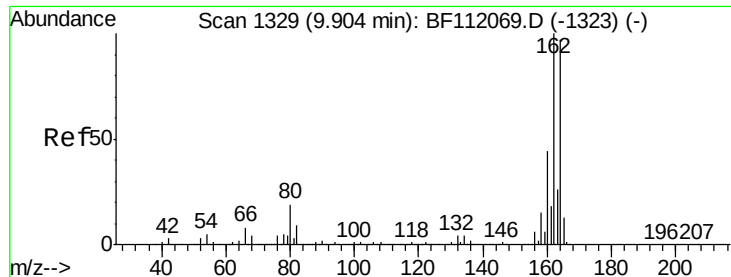
141 93.6 72.6 108.8

116 4.0 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

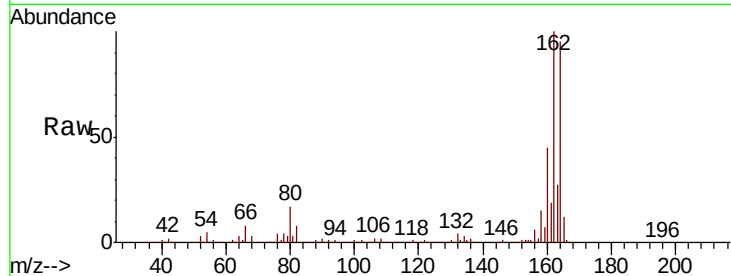




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.4
160	47.4	36.2	54.4

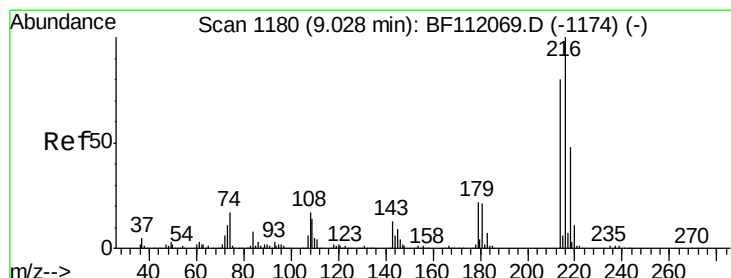
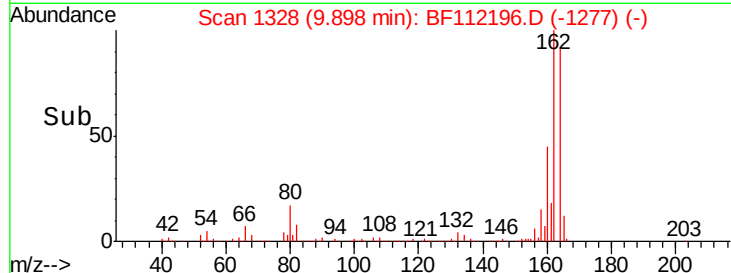
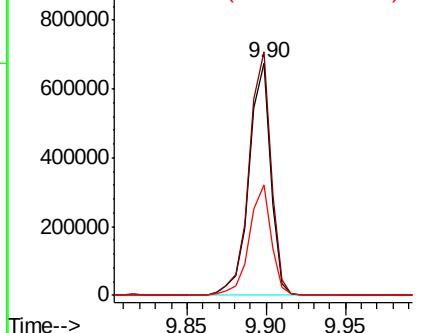


Abundance

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: 37.083 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.1	16.9	25.3
108	19.8	14.2	21.4

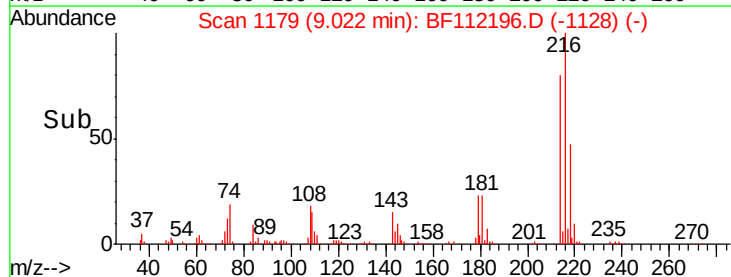
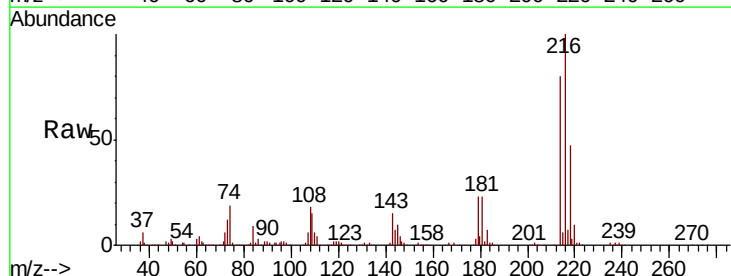
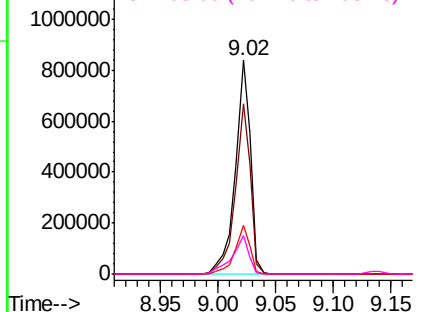
Abundance

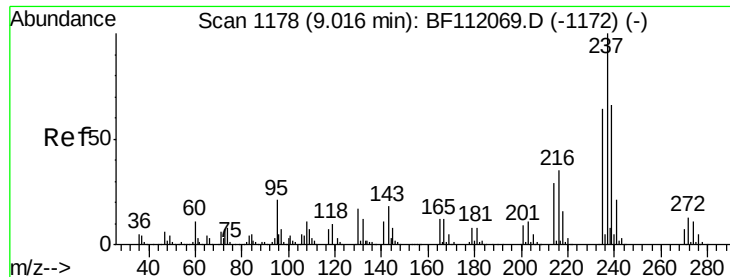
Ion 216.00 (215.70 to 216.70): E

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: 76.656 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

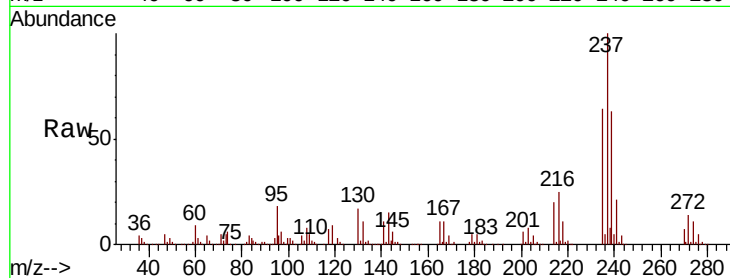
Tot Ion:237 Resp: 625895

Ion Ratio Lower Upper

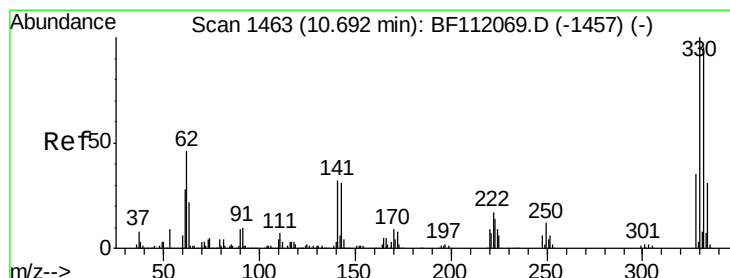
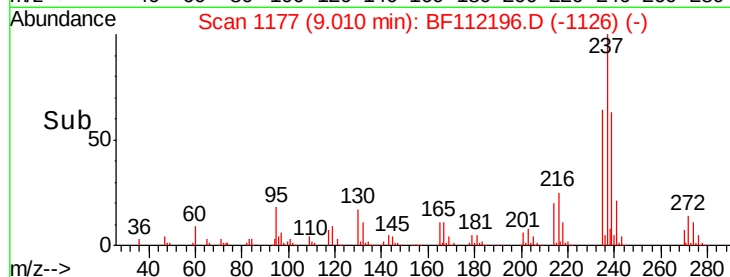
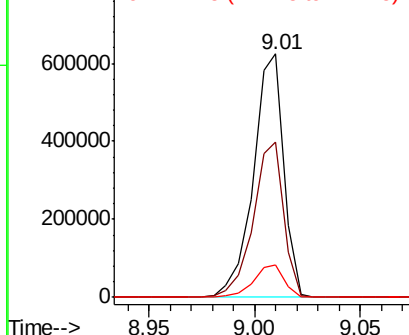
237 100

235 63.7 44.0 84.0

272 13.5 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: 137.261 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

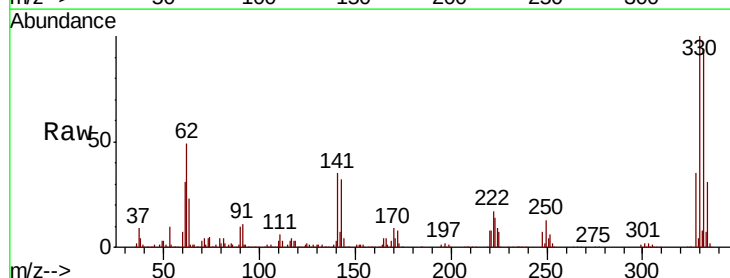
Tgt Ion:330 Resp: 946825

Ion Ratio Lower Upper

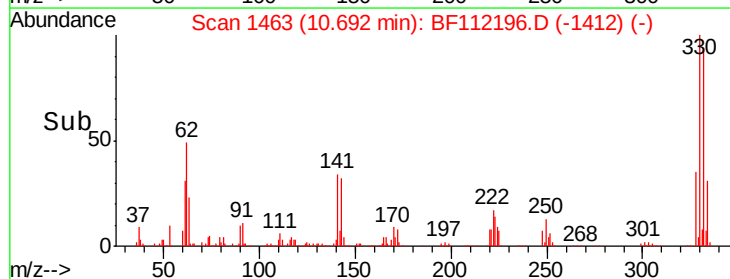
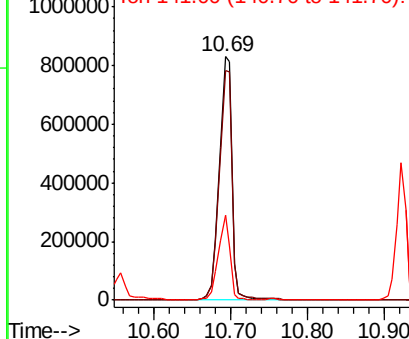
330 100

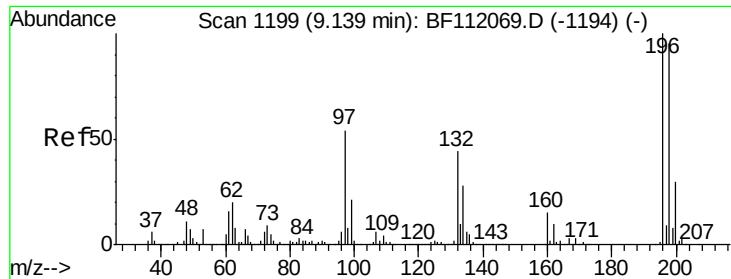
332 95.3 76.6 114.8

141 31.5 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

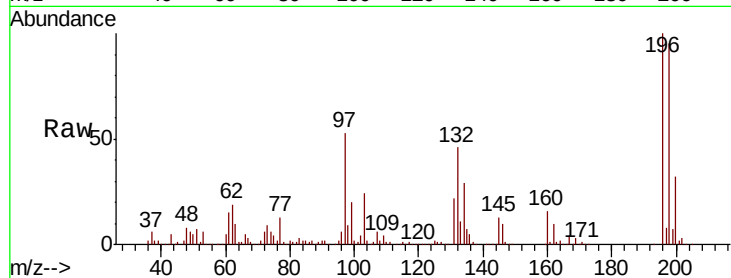




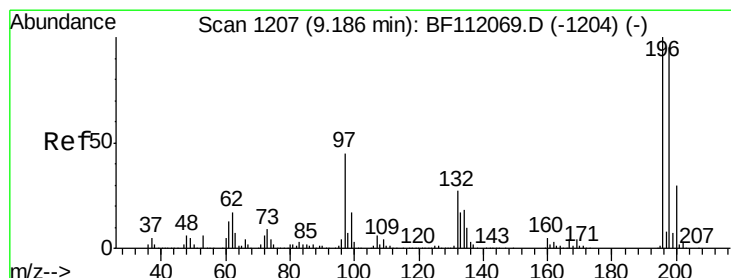
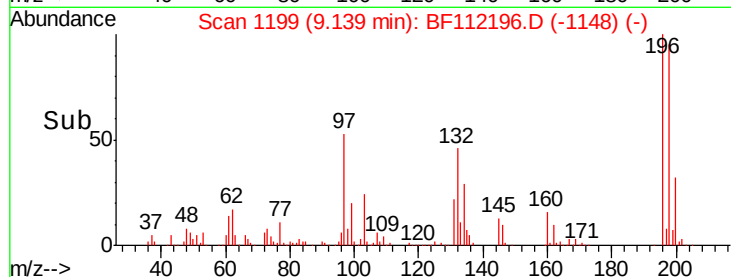
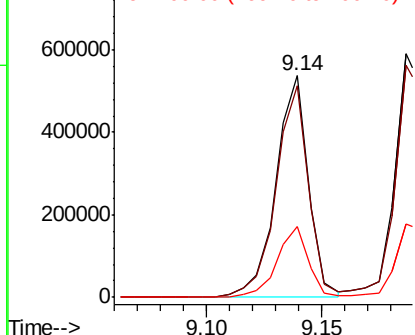
#43
 2,4,6-Trichlorophenol
 Concen: 42.421 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 521072
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 200 31.7 24.3 36.5

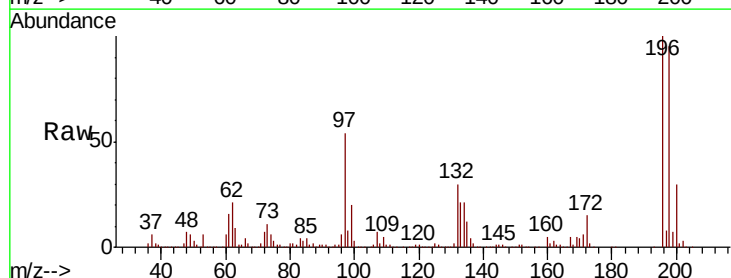


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

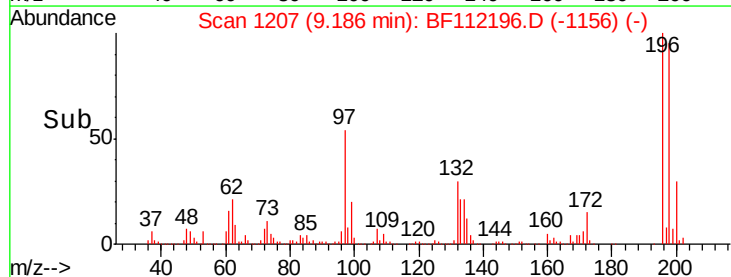
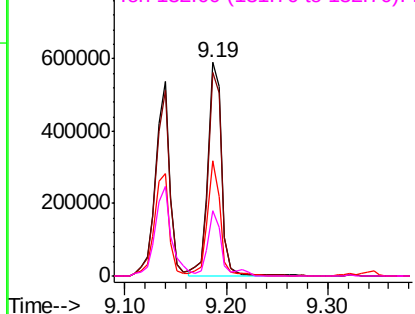


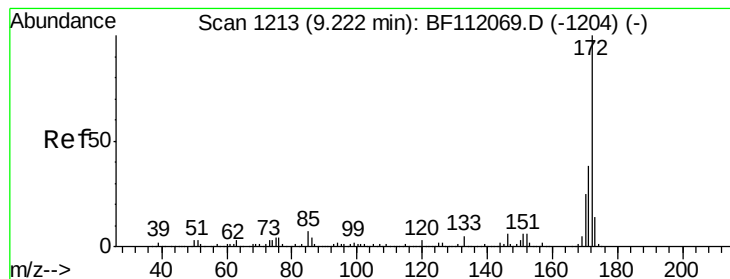
#44
 2,4,5-Trichlorophenol
 Concen: 41.953 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion:196 Resp: 548841
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.0 114.0
 97 54.1 36.4 54.6
 132 30.5 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: 73.860 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

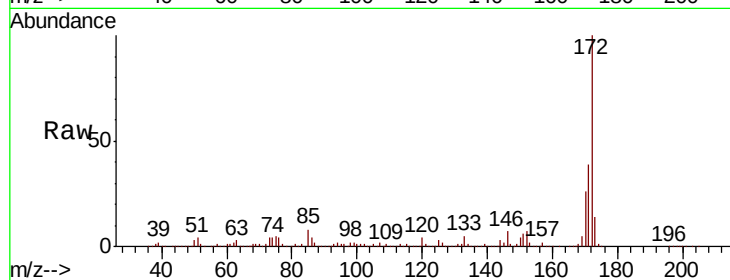
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 3221306

Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.5	45.7
170	26.1	20.2	30.4

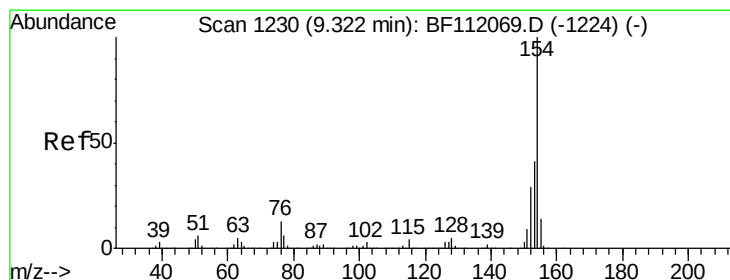
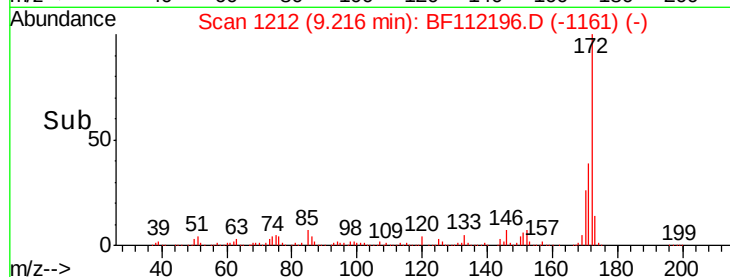
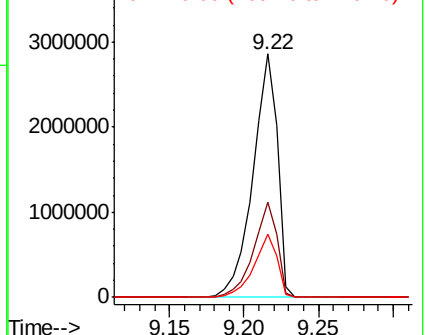


Abundance

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: 37.388 ng

RT: 9.32 min Scan# 1229

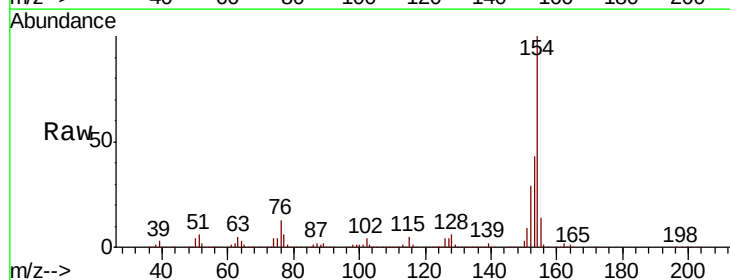
Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion:154 Resp: 1999046

Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.5	61.5
76	13.1	0.0	33.1

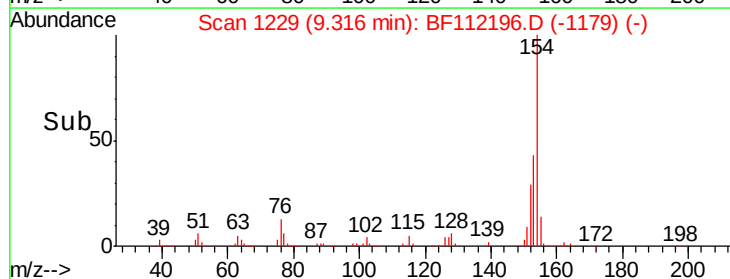
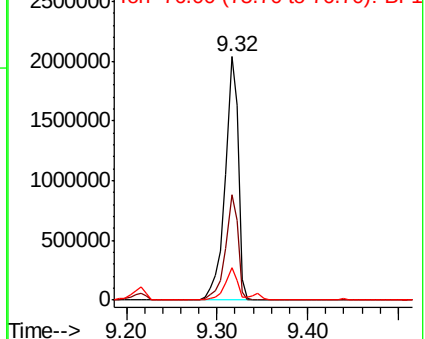


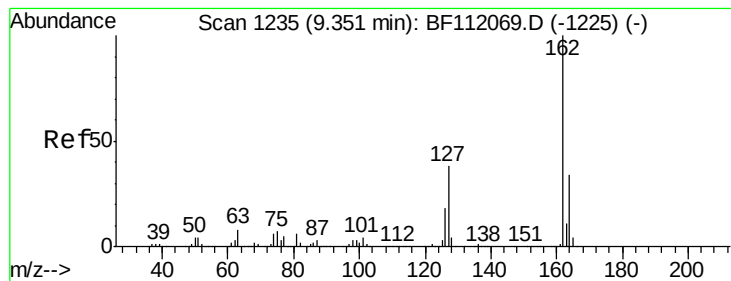
Abundance

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: 36.885 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

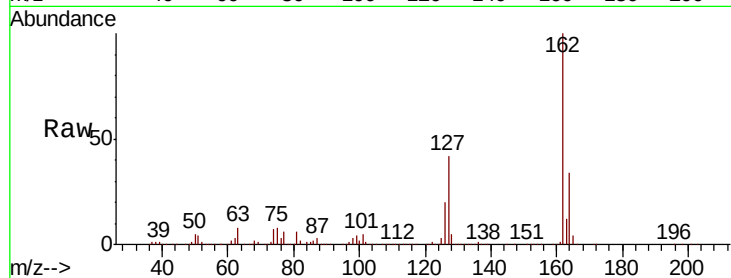
Tot Ion:162 Resp: 1543697

Ion Ratio Lower Upper

162 100

127 42.4 30.4 45.6

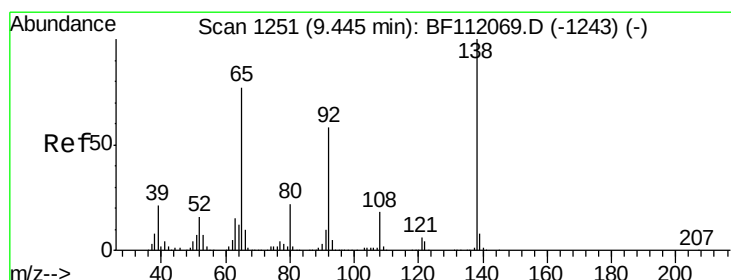
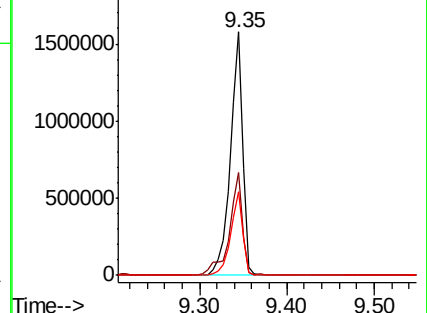
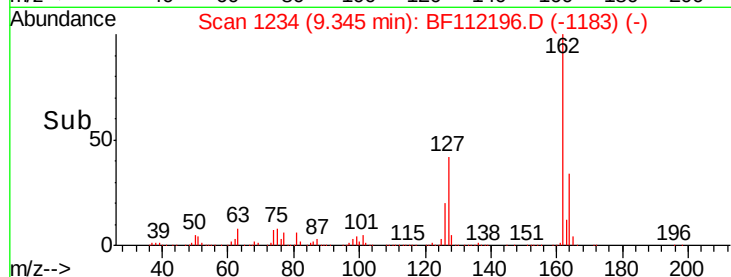
164 34.4 27.4 41.2



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: 47.644 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

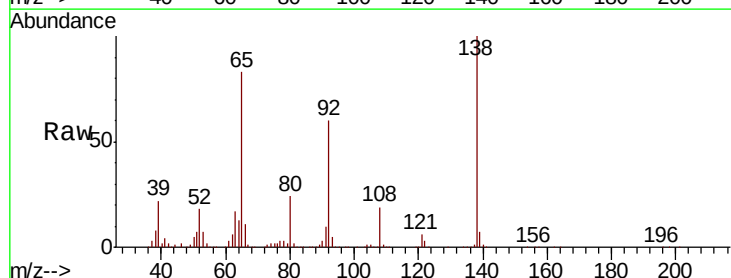
Tgt Ion: 65 Resp: 449133

Ion Ratio Lower Upper

65 100

92 72.3 60.4 90.6

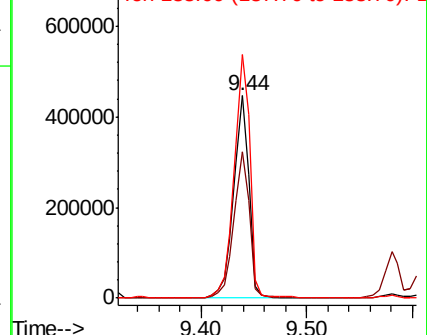
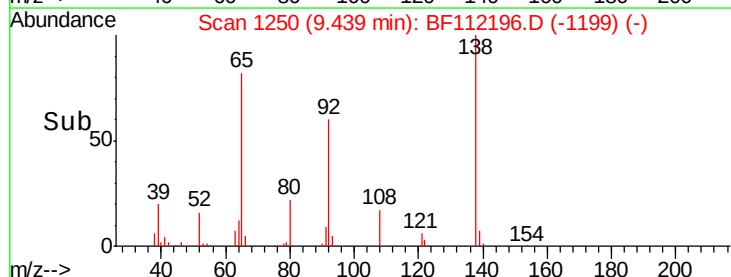
138 120.2 104.4 156.6

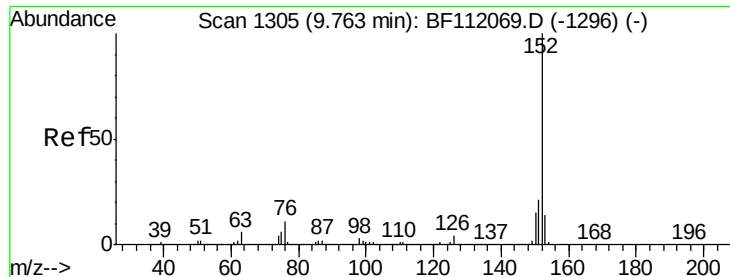


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.024 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

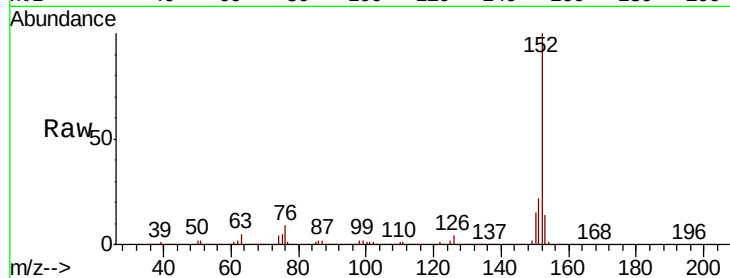
Instrument :

BNA_F

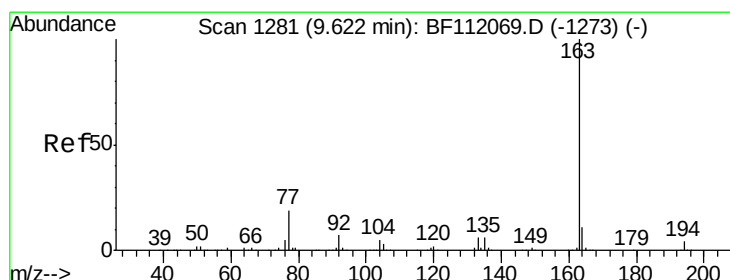
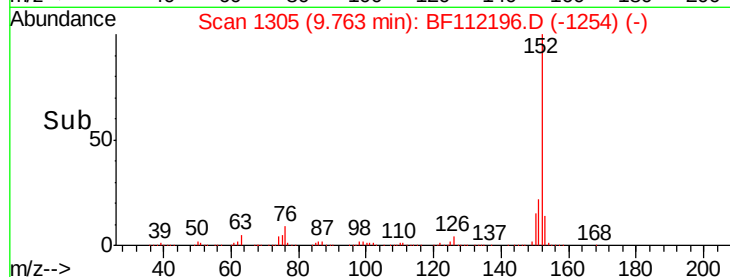
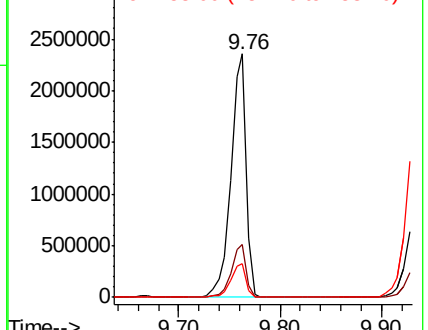
ClientSampleId :

Tot Ion:152 Resp: 2444417

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6
153	13.8	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: 41.849 ng

RT: 9.62 min Scan# 1281

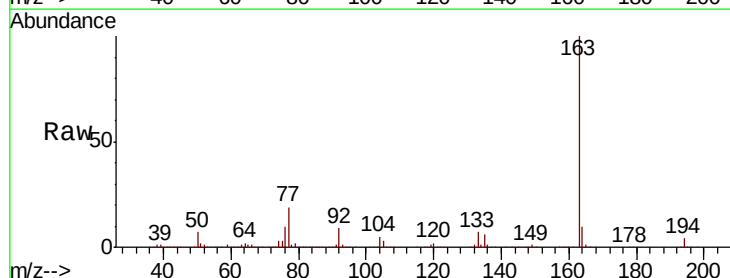
Delta R.T. 0.00 min

Lab File: BF112196.D

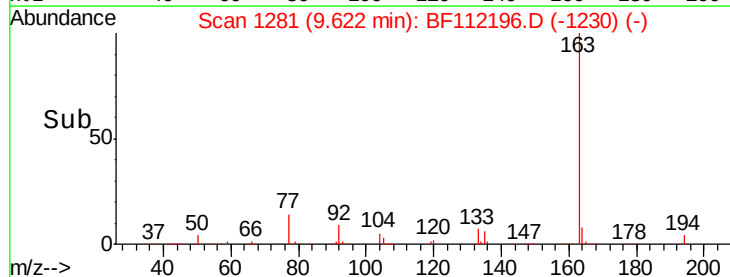
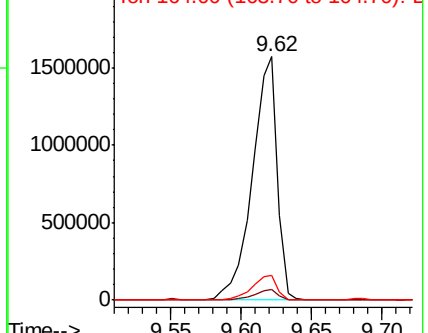
Acq: 23 Jan 2019 12:37

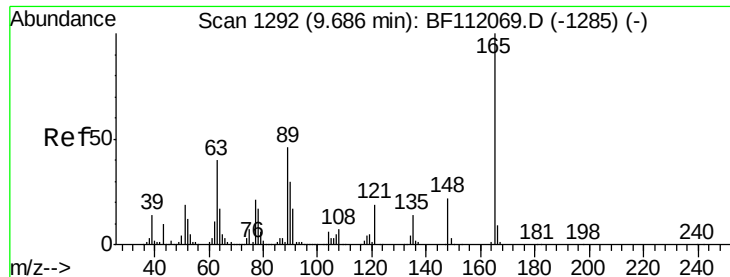
Tgt Ion:163 Resp: 1951485

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.3	8.5	12.7



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

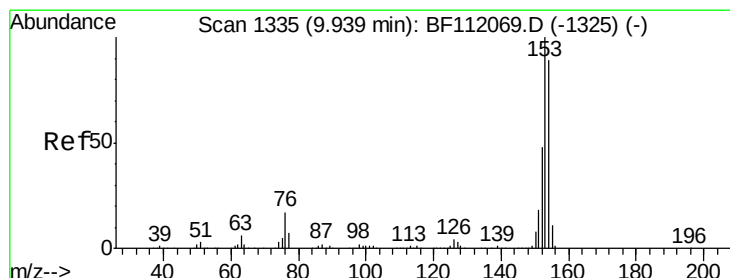
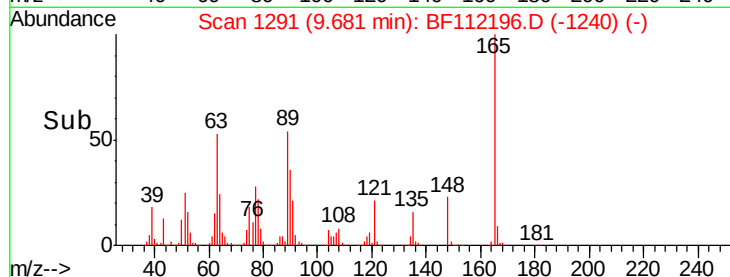
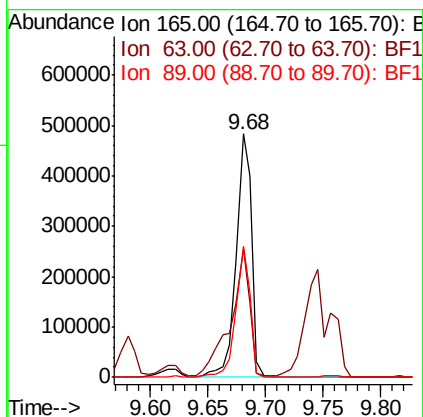
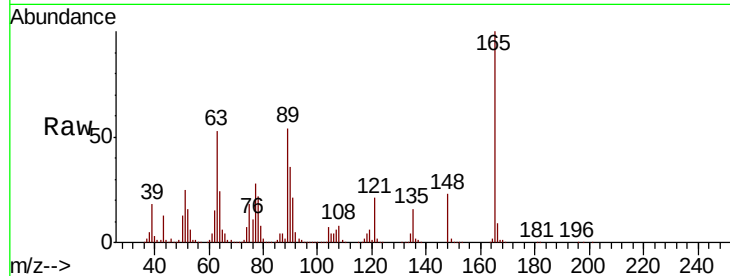




#51
 2,6-Dinitrotoluene
 Concen: 47.896 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

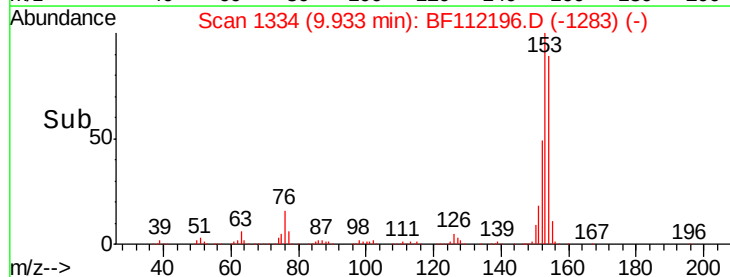
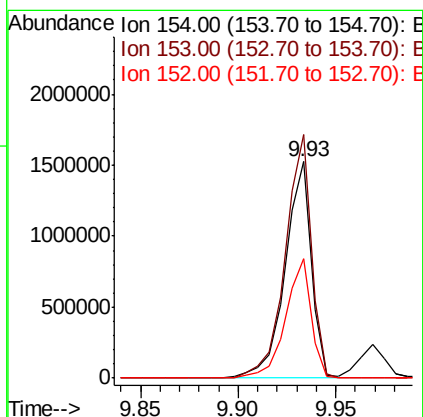
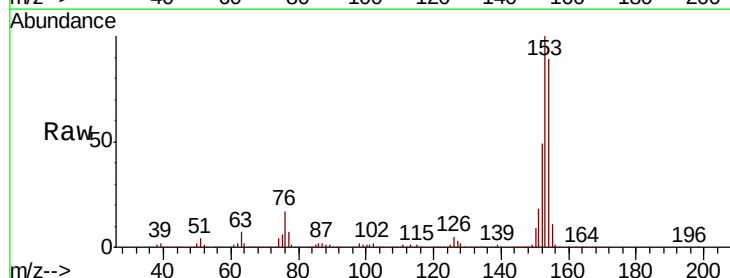
Instrument :
 BNA_F
 ClientSampleId :

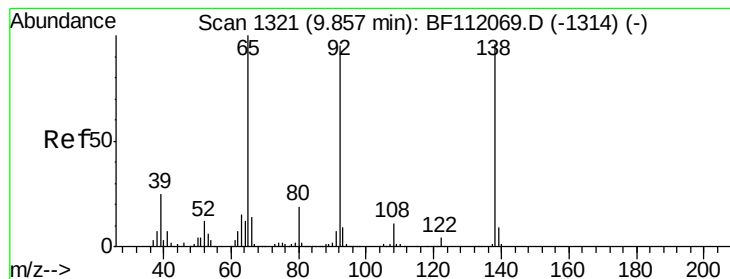
Tot Ion:165 Resp: 446035
 Ion Ratio Lower Upper
 165 100
 63 52.9 33.8 50.8#
 89 54.0 36.9 55.3



#52
 Acenaphthene
 Concen: 38.130 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion:154 Resp: 1424822
 Ion Ratio Lower Upper
 154 100
 153 112.4 89.8 134.6
 152 54.9 43.5 65.3





#53

3-Nitroaniline

Concen: 30.467 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

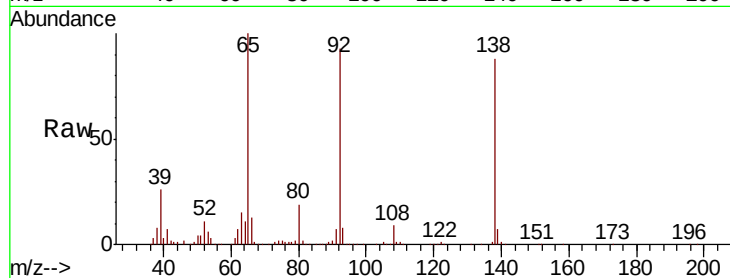
Tot Ion:138 Resp: 317277

Ion Ratio Lower Upper

138 100

108 10.5 9.8 14.6

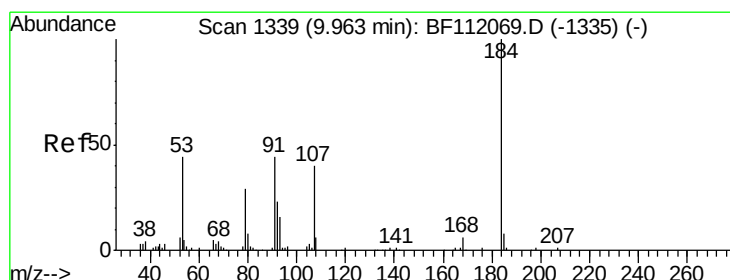
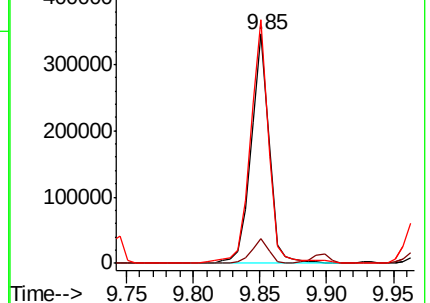
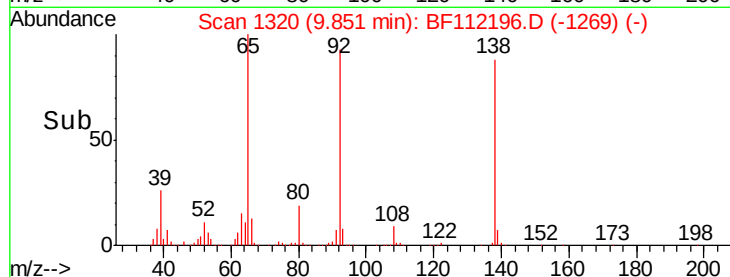
92 106.2 79.4 119.2



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: 104.647 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

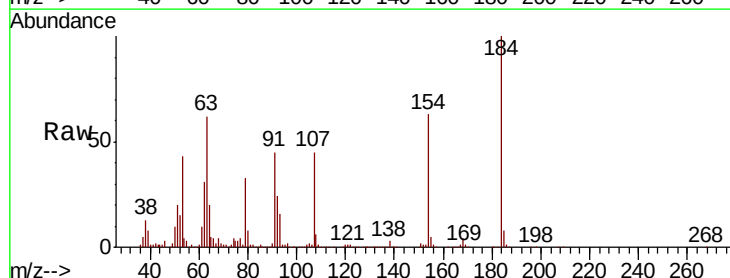
Tgt Ion:184 Resp: 380243

Ion Ratio Lower Upper

184 100

63 62.4 47.1 70.7

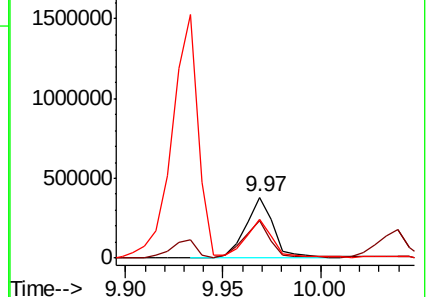
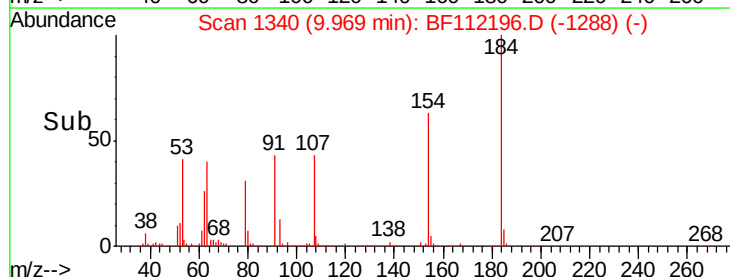
154 63.4 48.9 73.3

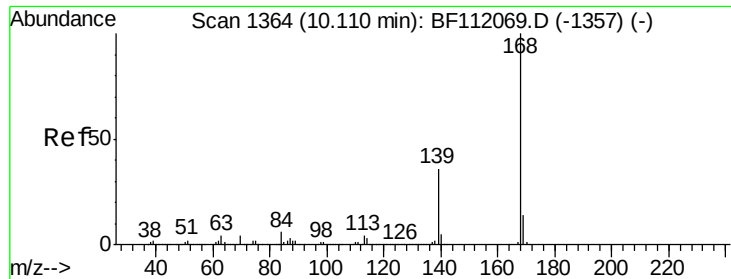


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

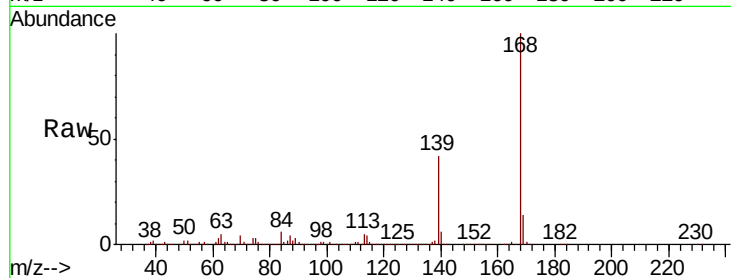




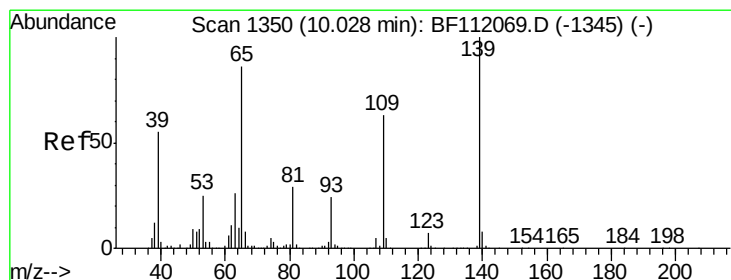
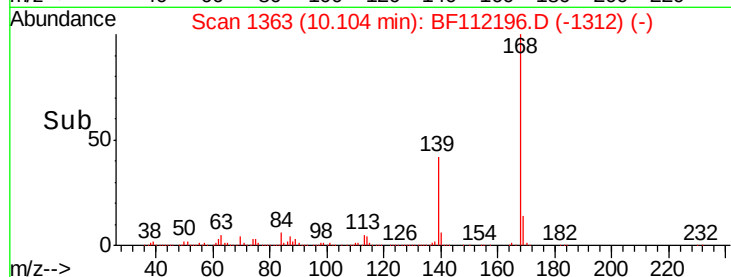
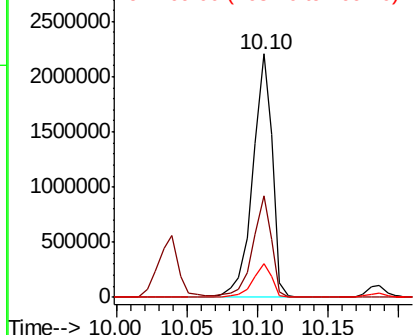
#55
 Dibenzofuran
 Concen: 37.855 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:168 Resp: 2139219
 Ion Ratio Lower Upper
 168 100
 139 41.8 29.2 43.8
 169 14.1 11.4 17.0

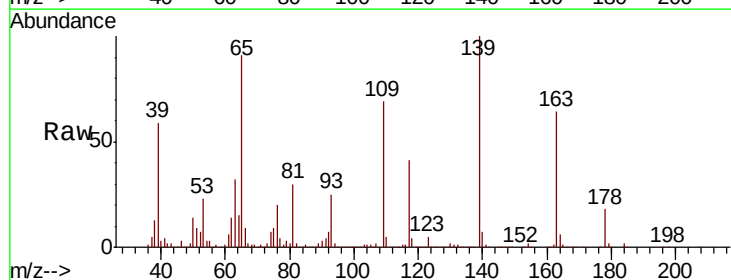


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

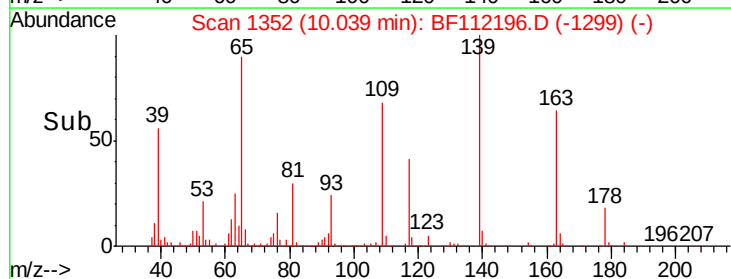
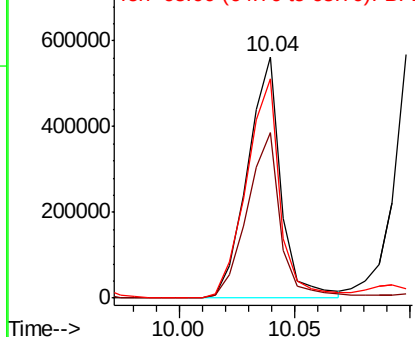


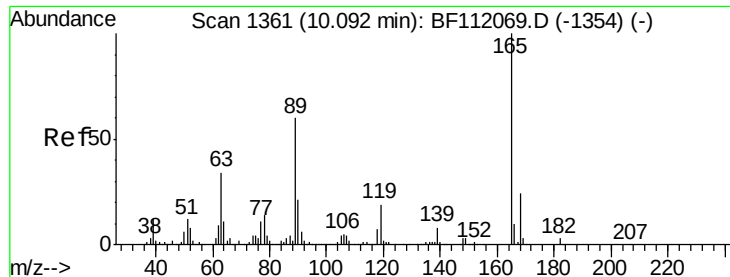
#56
 4-Nitrophenol
 Concen: 76.849 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion:139 Resp: 570210
 Ion Ratio Lower Upper
 139 100
 109 68.5 42.8 82.8
 65 90.9 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

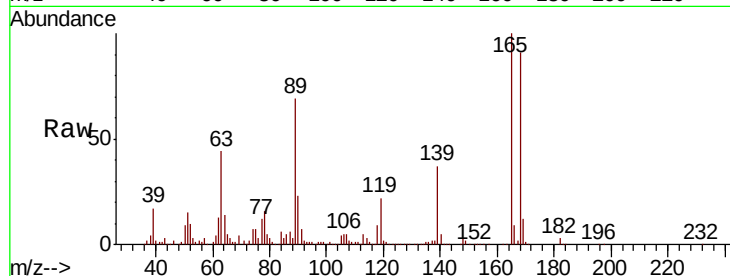




#57
2,4-Dinitrotoluene
Concen: 47.320 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	27.9	41.9#
89	68.8	47.9	71.9
182	2.8	2.2	3.4



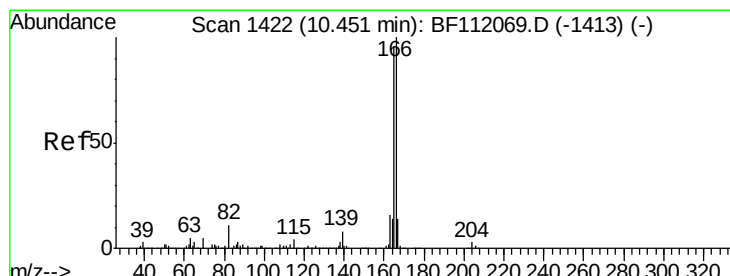
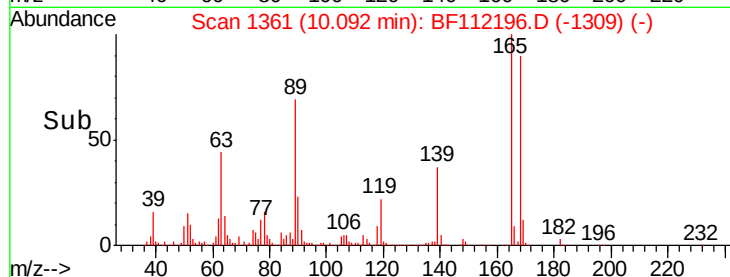
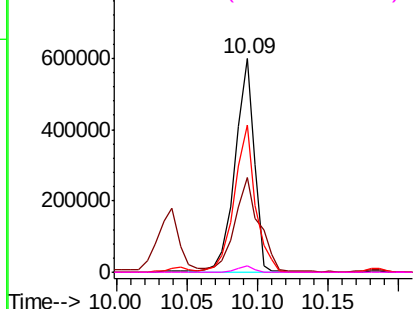
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

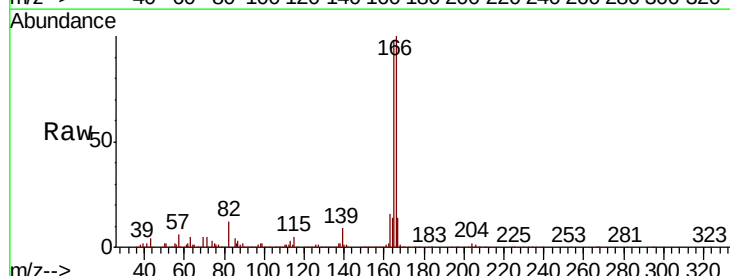
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.970 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.1	115.7
167	13.9	11.3	16.9

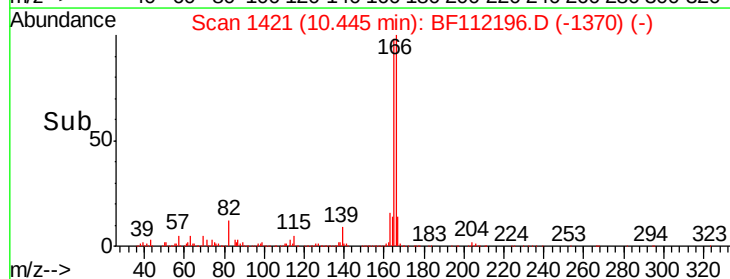
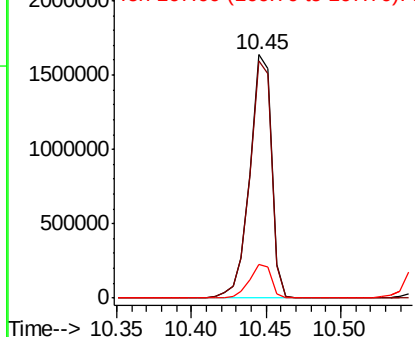


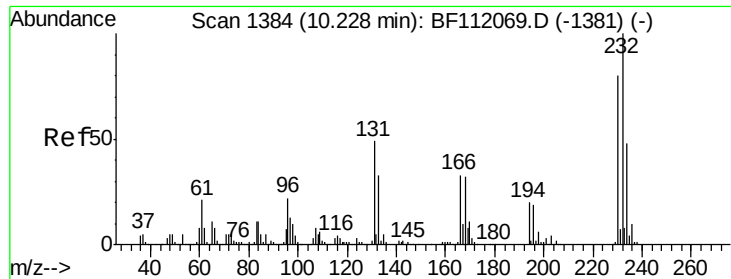
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

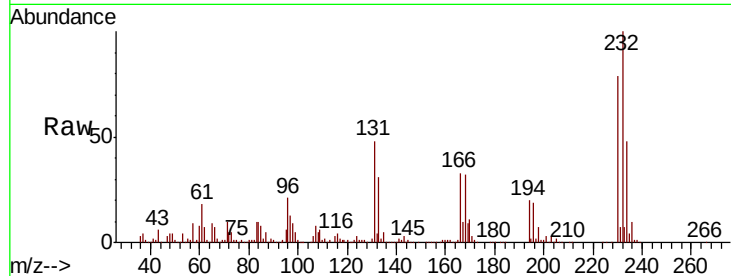




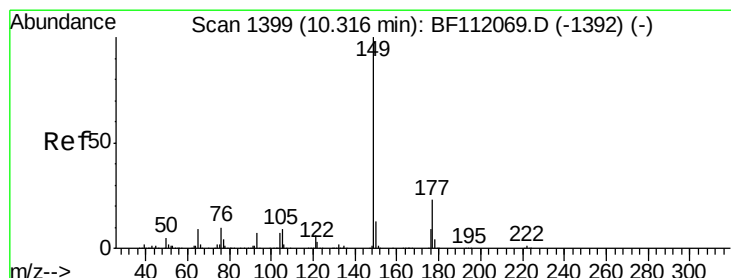
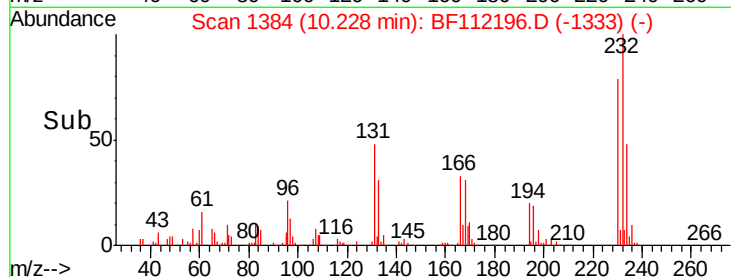
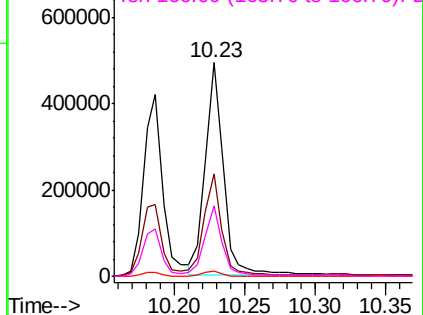
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.074 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	444972
Ion	Ratio	Lower Upper
232	100	
131	46.7	33.9 50.9
130	2.5	1.8 2.6
166	30.8	23.6 35.4

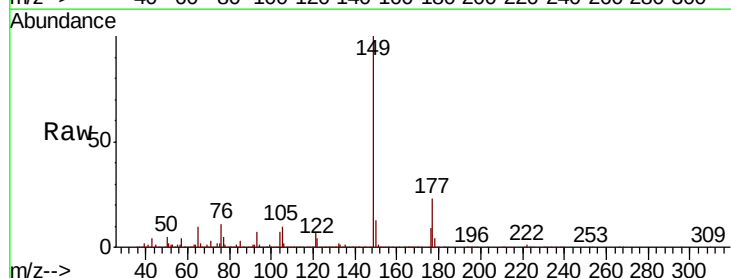


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

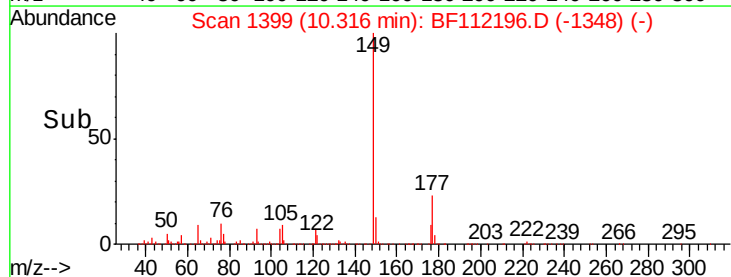
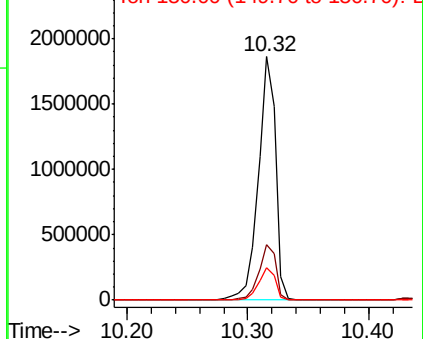


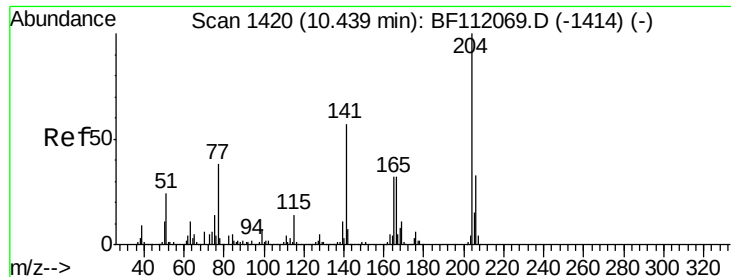
#60
 Diethylphthalate
 Concen: 40.783 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion:149	Resp:	1856431
Ion	Ratio	Lower Upper
149	100	
177	22.5	18.2 27.2
150	13.4	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

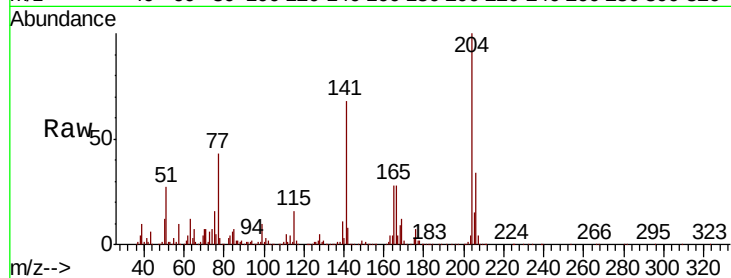




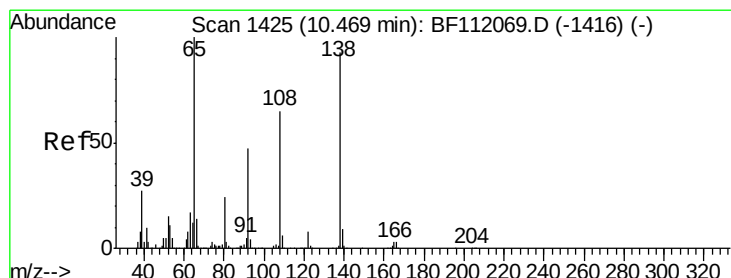
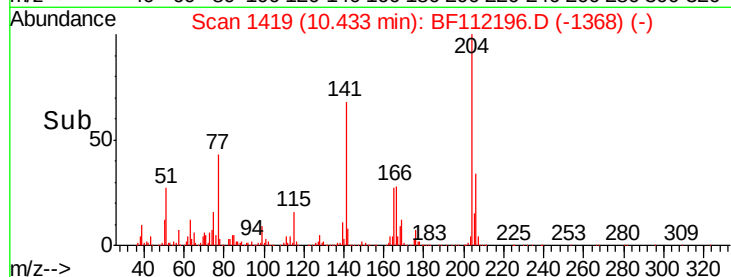
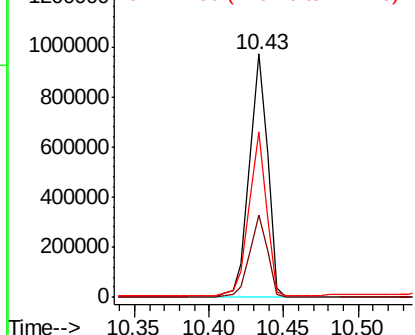
#61
4-Chlorophenyl-phenylether
Concen: 36.005 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 820306
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 68.0 45.9 68.9

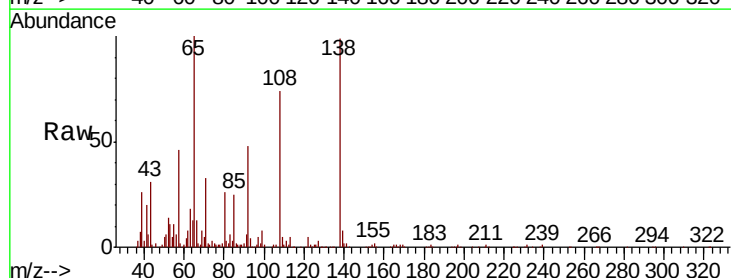


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

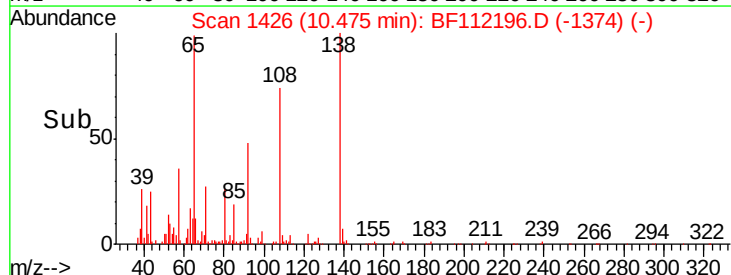
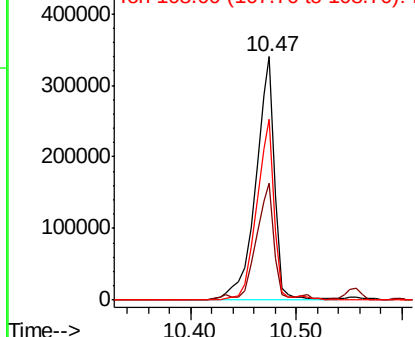


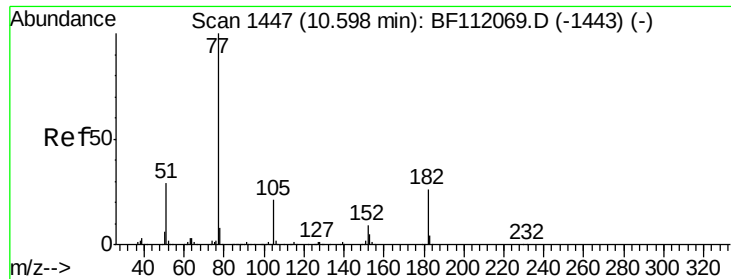
#62
4-Nitroaniline
Concen: 41.249 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:138 Resp: 426543
Ion Ratio Lower Upper
138 100
92 48.2 30.6 70.6
108 74.4 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: 36.444 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1588653

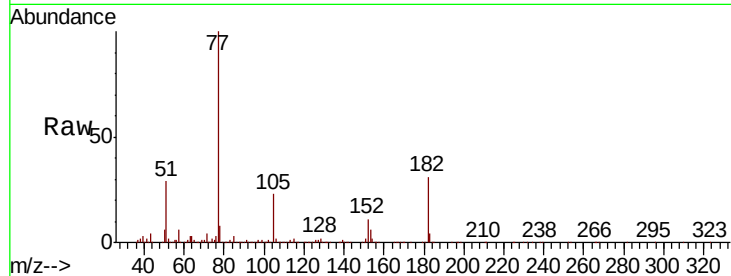
Ion	Ratio	Lower	Upper
77	100		
182	31.0	5.7	45.7
105	23.0	1.4	41.4
51	28.7	9.5	49.5

77 100

182 31.0 5.7 45.7

105 23.0 1.4 41.4

51 28.7 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

2500000

2000000

1500000

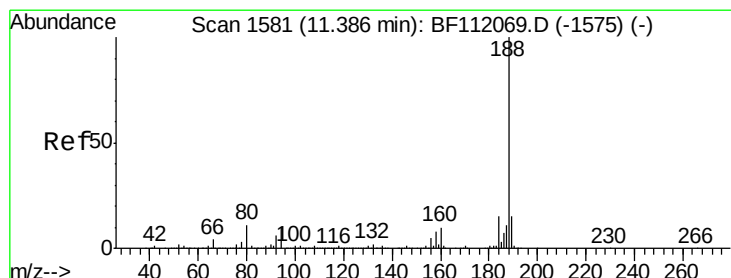
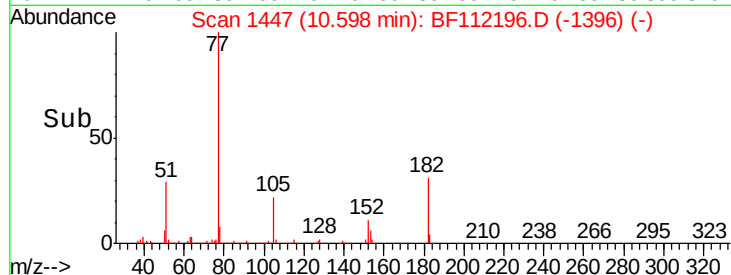
1000000

500000

0

10.55 10.60 10.65

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

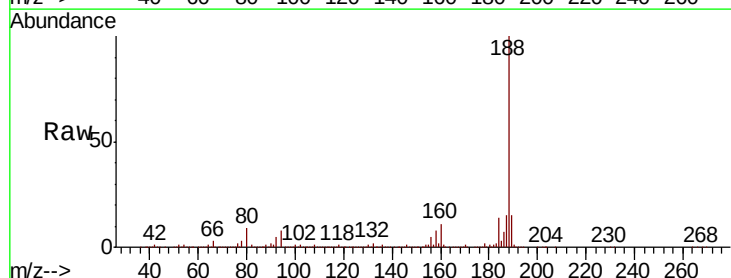
Tgt Ion: 188 Resp: 1239629

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.9	13.3#

188 100

94 8.2 8.2 12.2

80 8.8 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

1500000

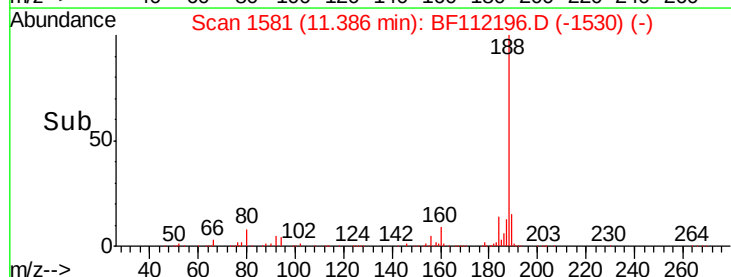
1000000

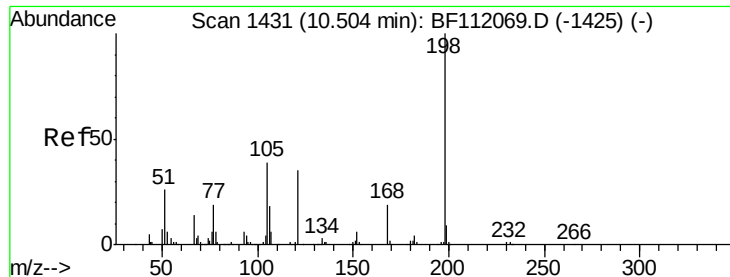
500000

0

11.30 11.35 11.40

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 48.277 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

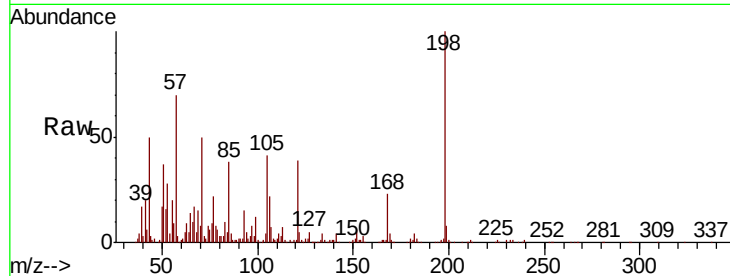
Tot Ion:198 Resp: 249982

Ion Ratio Lower Upper

198 100

51 36.9 17.2 57.2

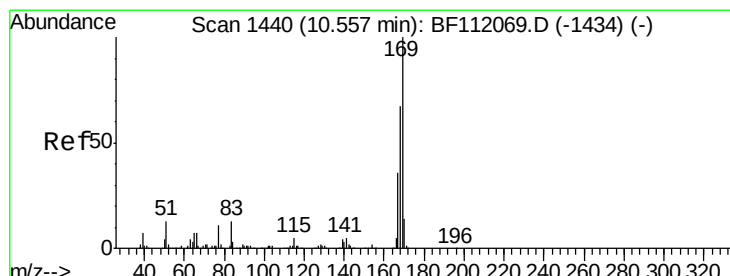
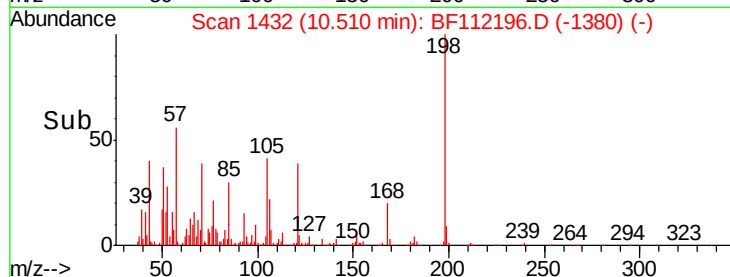
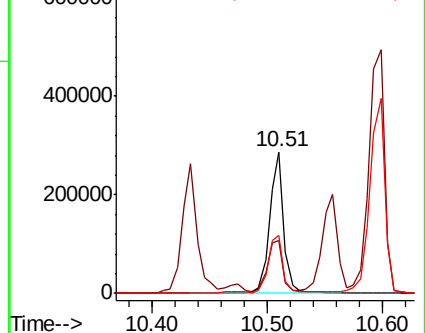
105 40.7 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.095 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

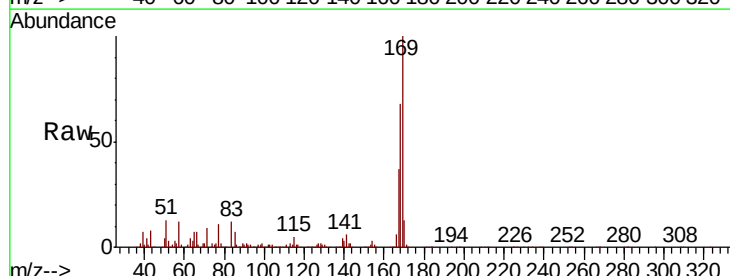
Tgt Ion:169 Resp: 1520194

Ion Ratio Lower Upper

169 100

168 68.3 53.9 80.9

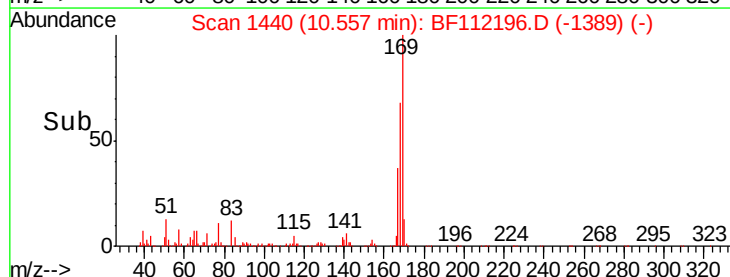
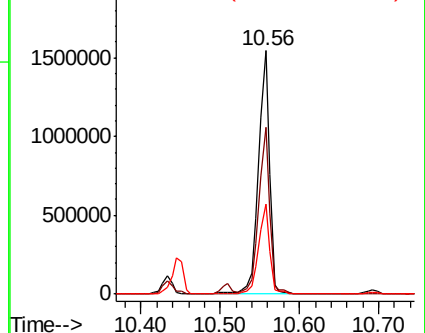
167 37.0 28.9 43.3

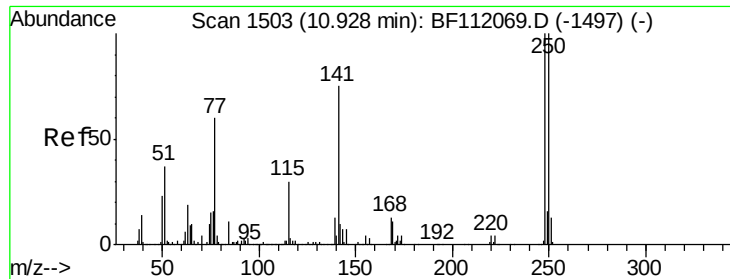


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

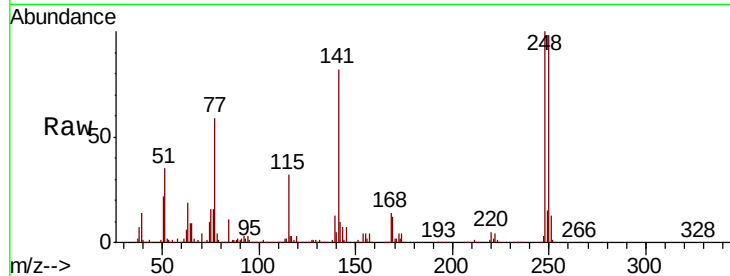




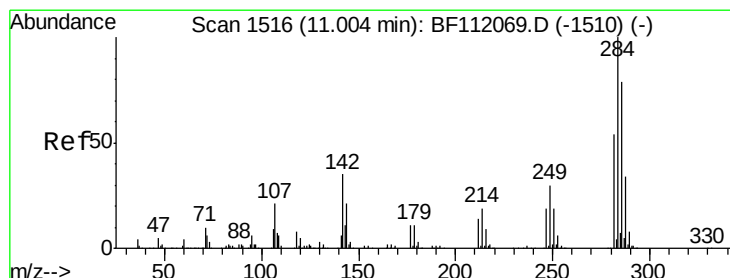
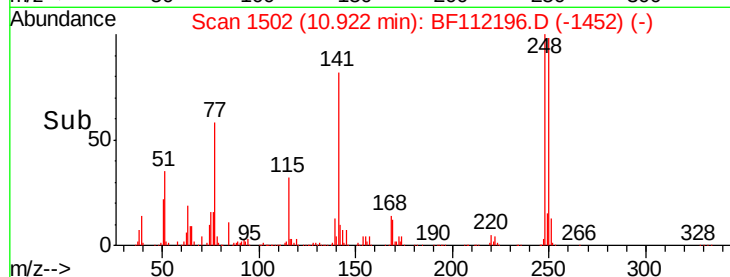
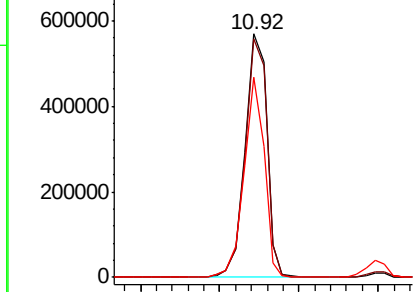
#67
4-Bromophenyl-phenylether
Concen: 37.827 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	81.9	60.3	90.5

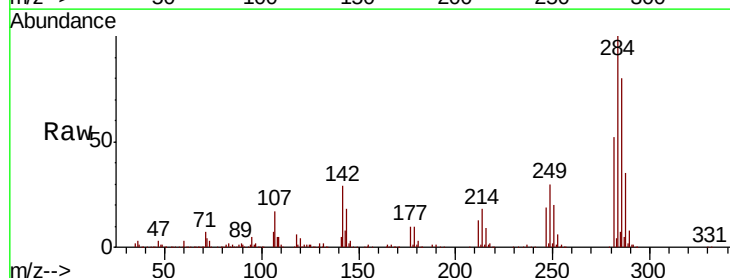


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

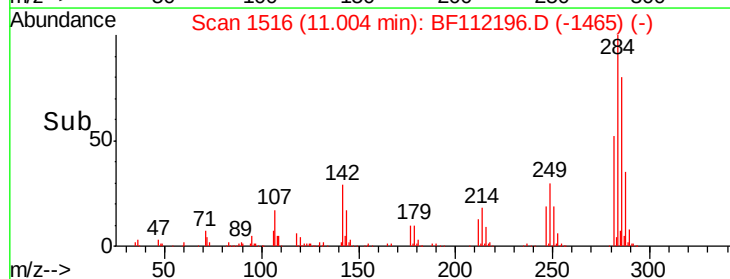
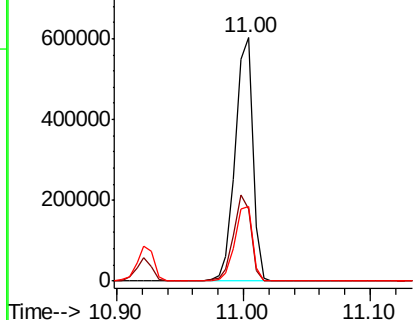


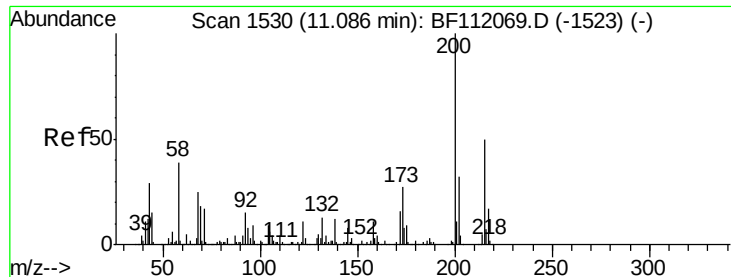
#68
Hexachlorobenzene
Concen: 37.047 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	27.6	41.4
249	30.4	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

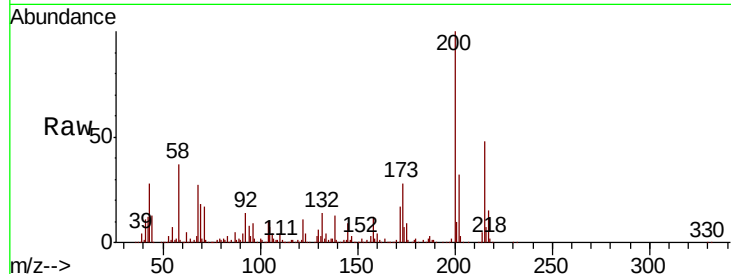




#69
Atrazine
Concen: 37.578 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.1	47.1
215	47.6	30.4	70.4

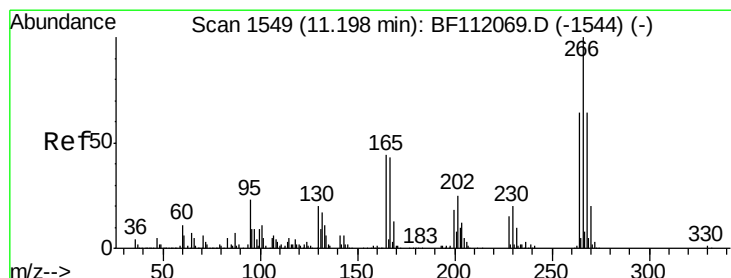
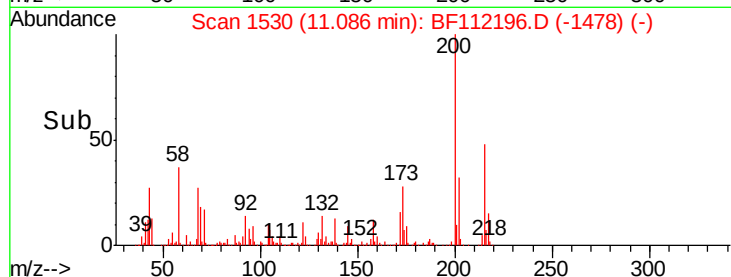
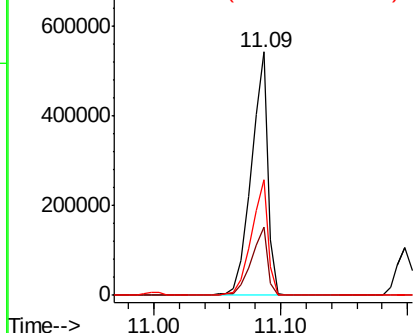


Abundance

Ion 200.00 (199.70 to 200.70): E

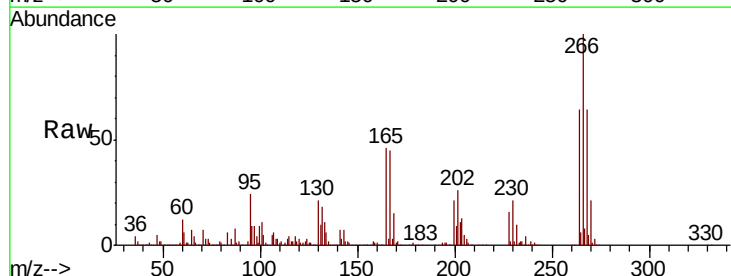
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.759 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	63.9	50.9	76.3

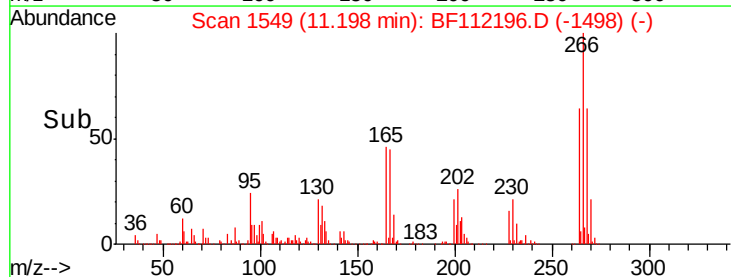
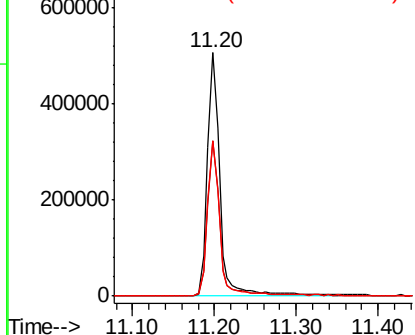


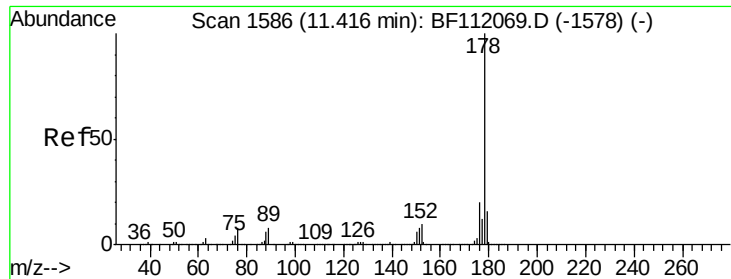
Abundance

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

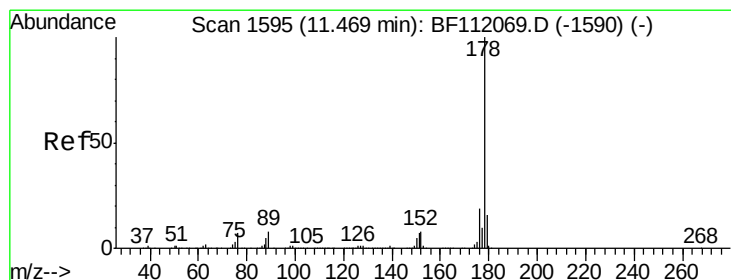
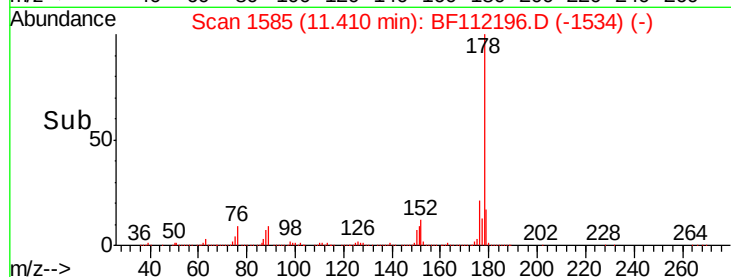
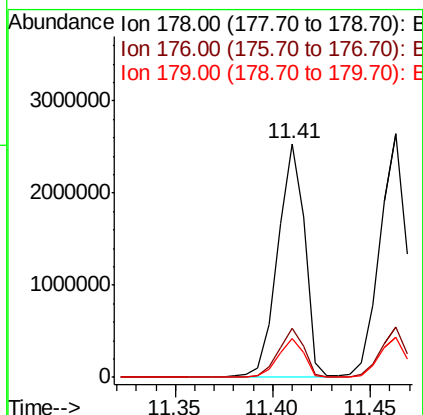
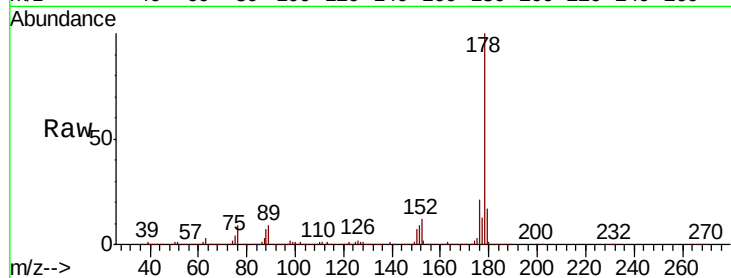




#71
Phenanthrene
Concen: 38.793 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

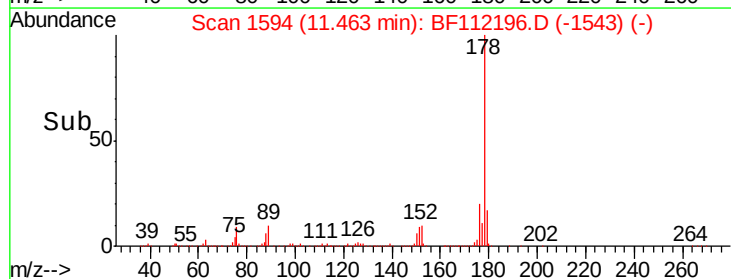
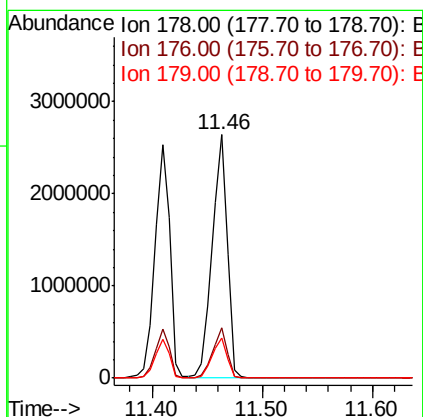
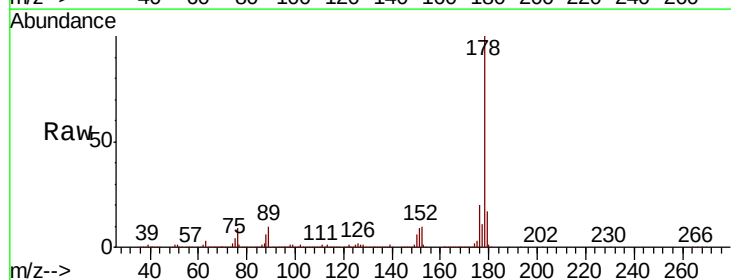
Instrument :
BNA_F
ClientSampleId :

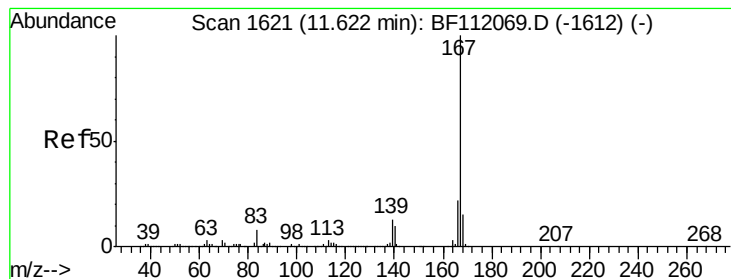
Tot Ion:178 Resp: 2420116
Ion Ratio Lower Upper
178 100
176 20.9 16.3 24.5
179 16.7 13.0 19.4



#72
Anthracene
Concen: 39.170 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:178 Resp: 2475373
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.7 12.8 19.2





#73

Carbazole

Concen: 35.171 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

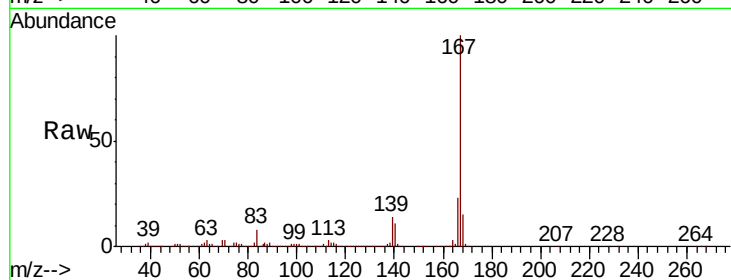
Tot Ion:167 Resp: 2226545

Ion Ratio Lower Upper

167 100

166 23.5 17.9 26.9

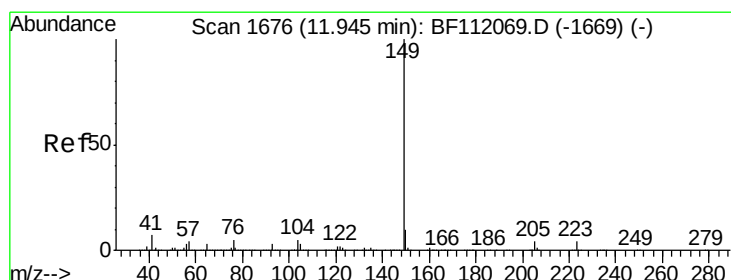
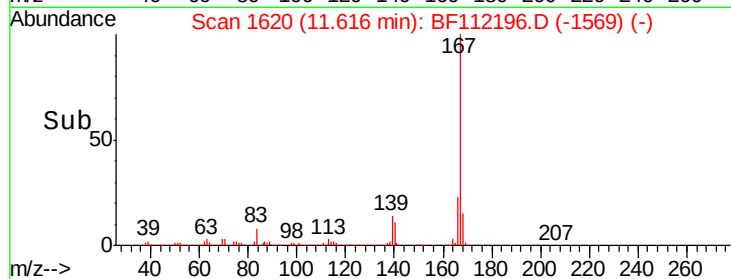
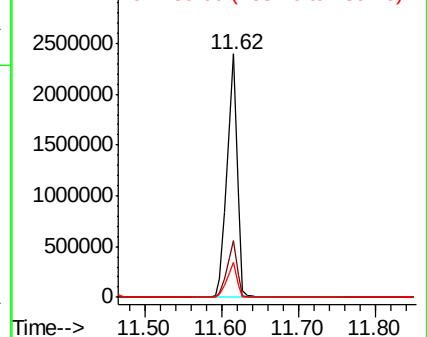
139 14.3 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.508 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

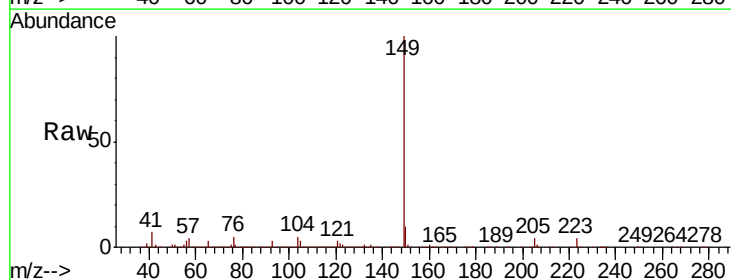
Tgt Ion:149 Resp: 2813459

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

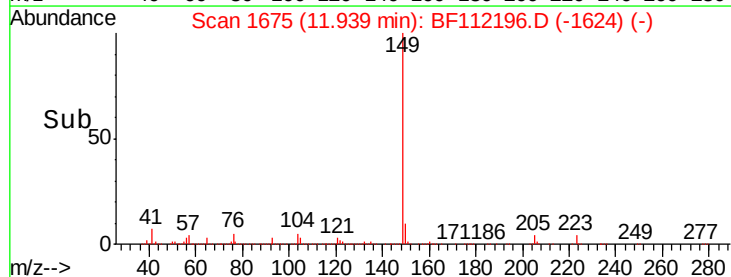
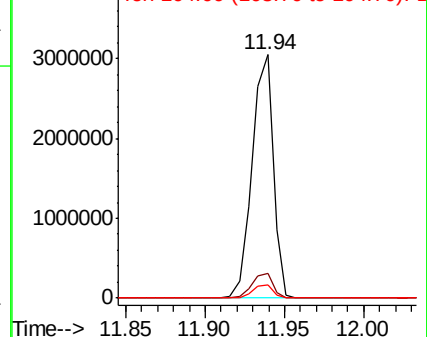
104 5.2 3.9 5.9

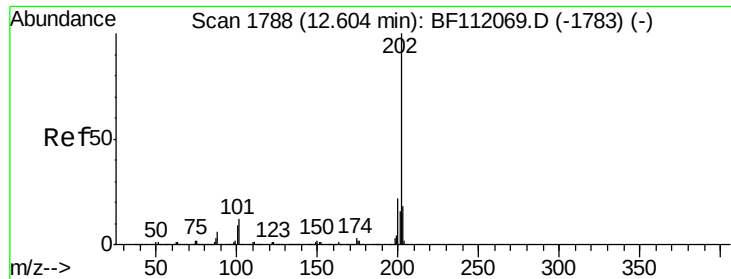


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 33.299 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

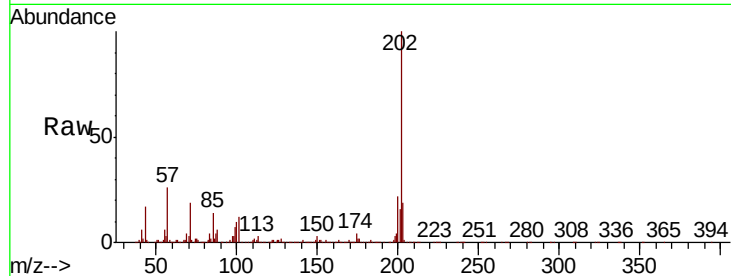
Tot Ion:202 Resp: 2193349

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.8

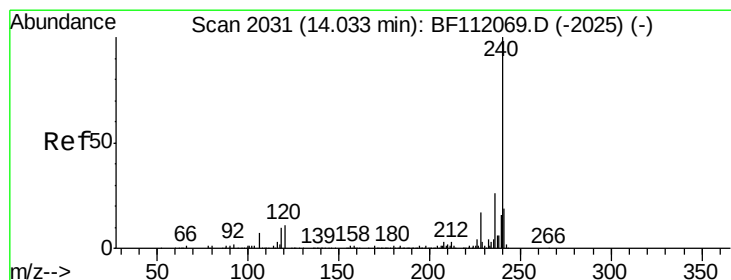
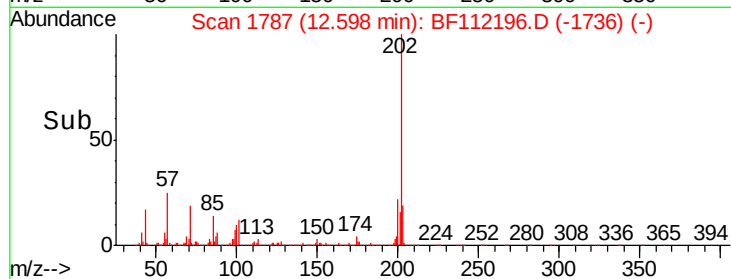
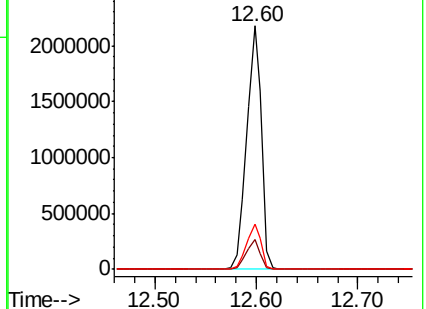
203 18.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

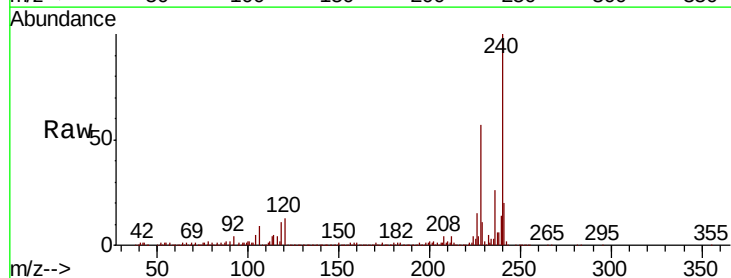
Tgt Ion:240 Resp: 916946

Ion Ratio Lower Upper

240 100

120 12.9 9.0 13.6

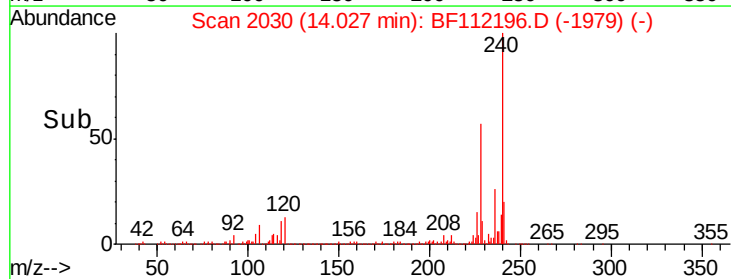
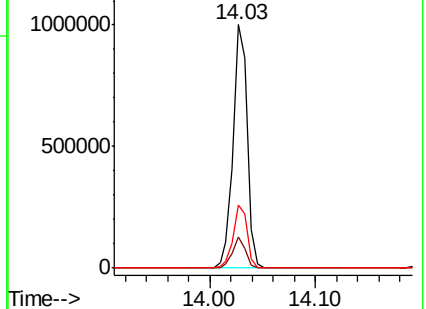
236 25.9 20.7 31.1

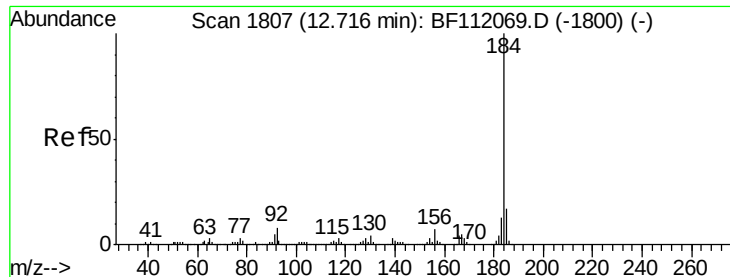


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.343 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

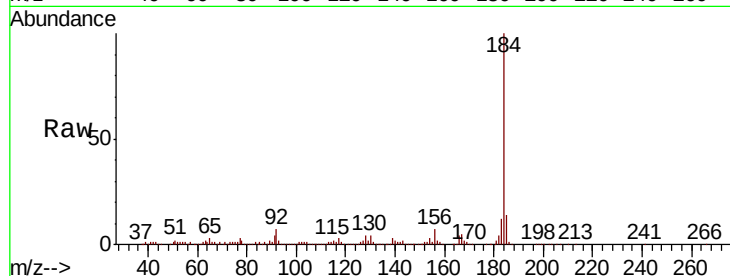
Tot Ion:184 Resp: 775337

Ion Ratio Lower Upper

184 100

185 14.4 13.9 20.9

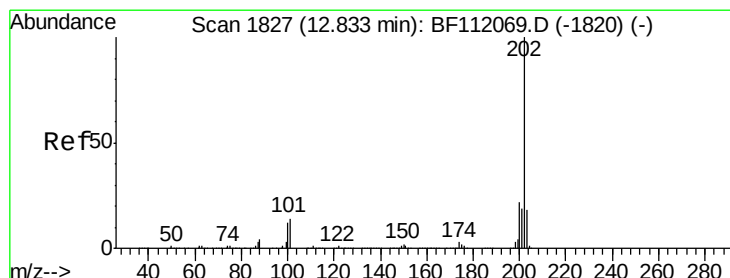
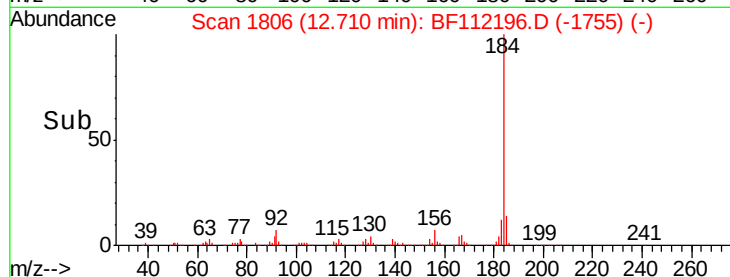
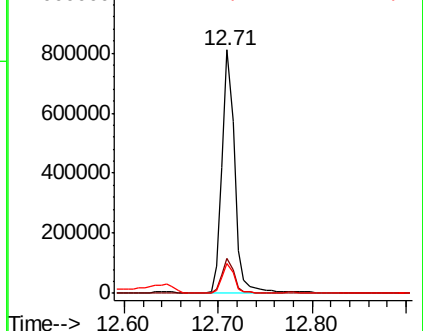
183 12.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.014 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

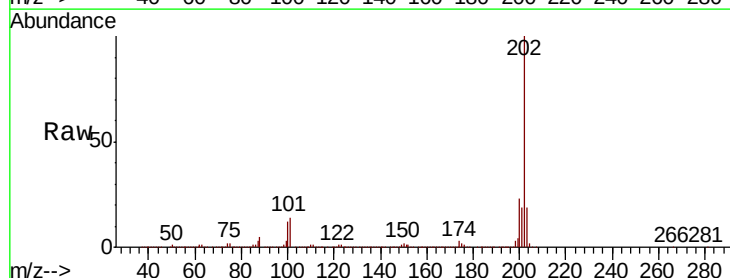
Tgt Ion:202 Resp: 2481177

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

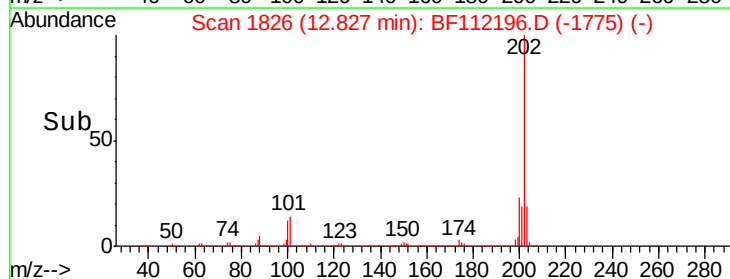
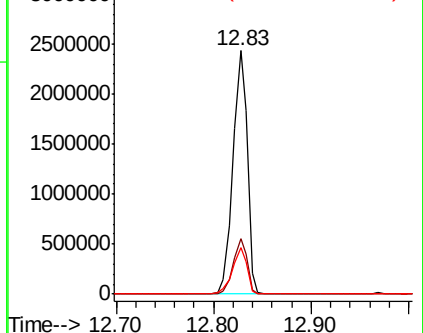
203 19.1 14.6 22.0

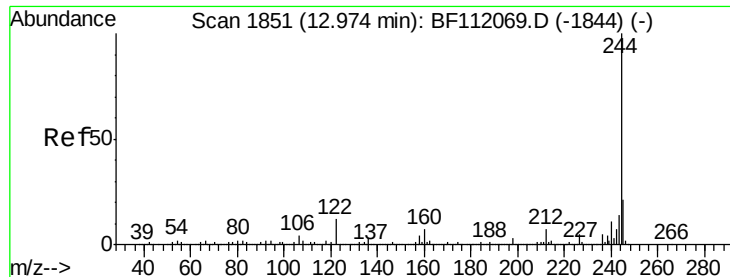


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.291 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

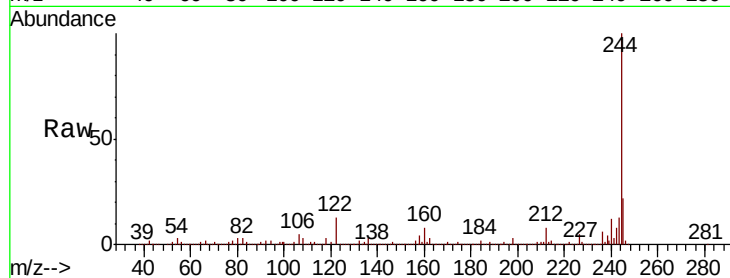
Tot Ion:244 Resp: 3503822

Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

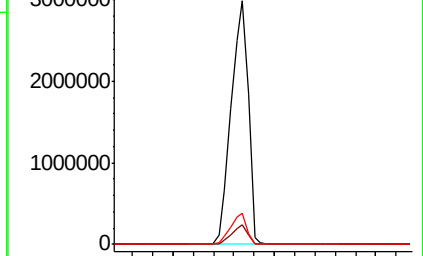
122 12.9 9.8 14.6



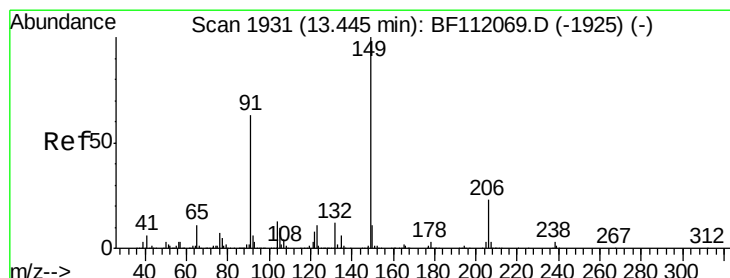
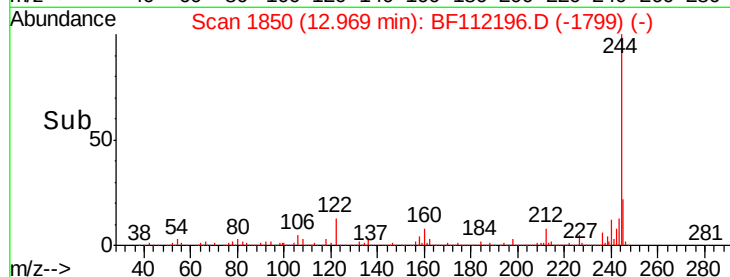
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 46.599 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

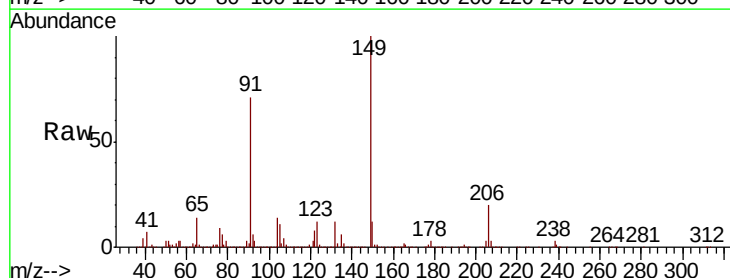
Tgt Ion:149 Resp: 1236731

Ion Ratio Lower Upper

149 100

91 70.7 50.3 75.5

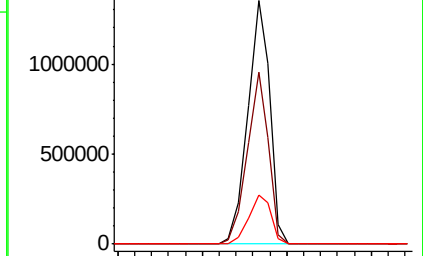
206 20.3 18.2 27.4



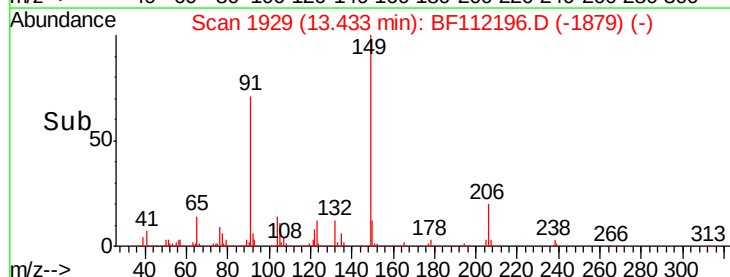
Abundance Ion 149.00 (148.70 to 149.70): E

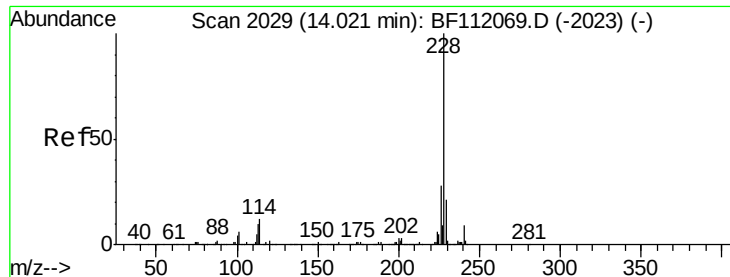
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 40.549 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

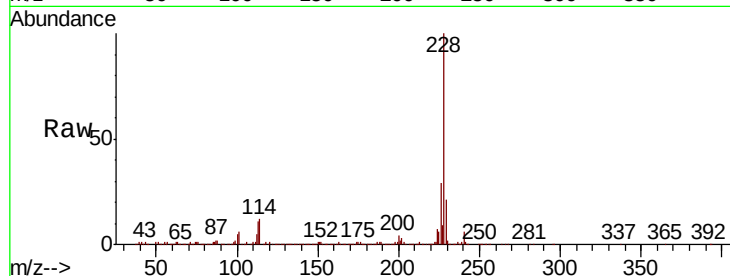
Tot Ion:228 Resp: 2131870

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

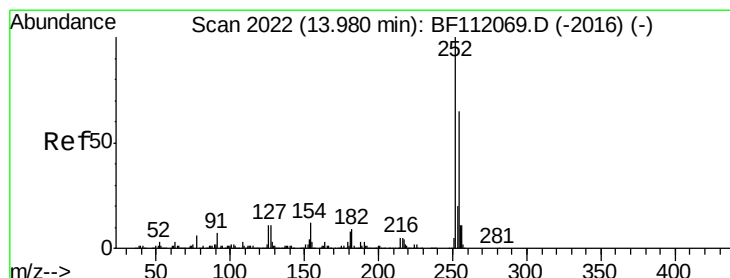
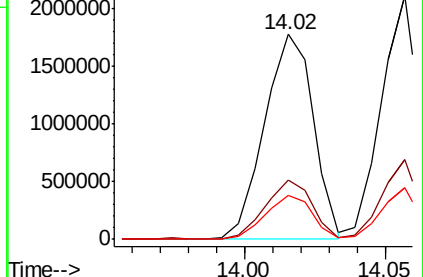
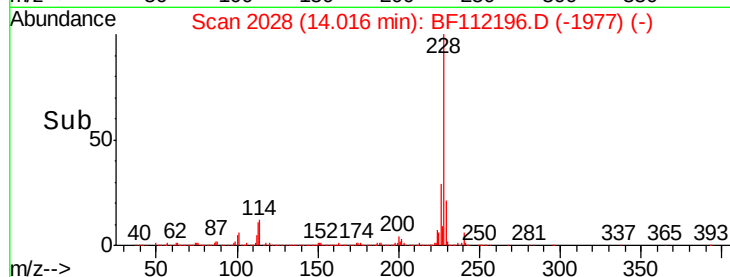
229 21.2 16.5 24.7



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: 30.807 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

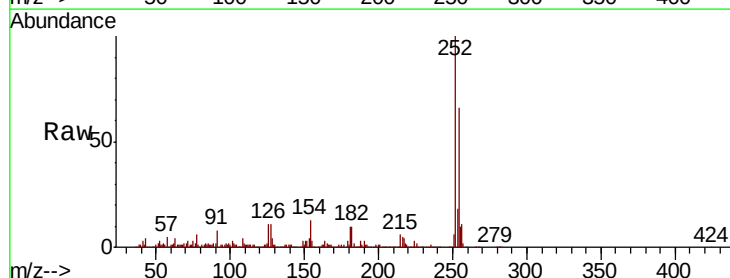
Tgt Ion:252 Resp: 606562

Ion Ratio Lower Upper

252 100

254 66.1 51.6 77.4

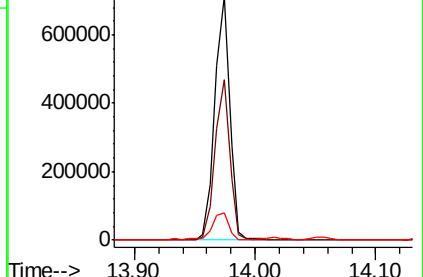
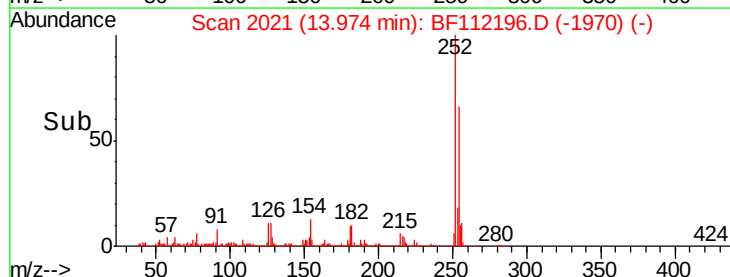
126 11.3 8.6 12.8

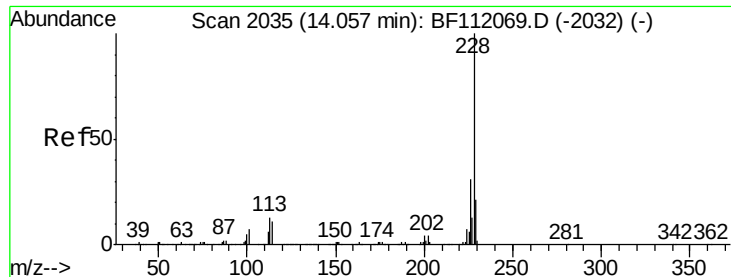


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

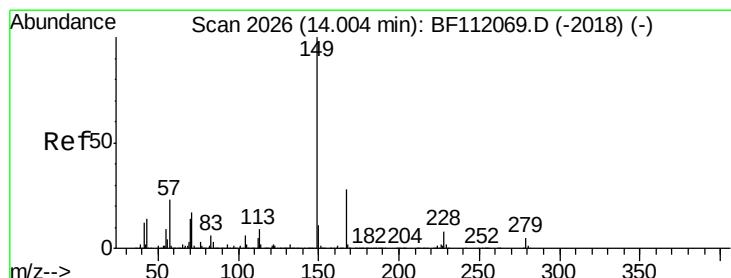
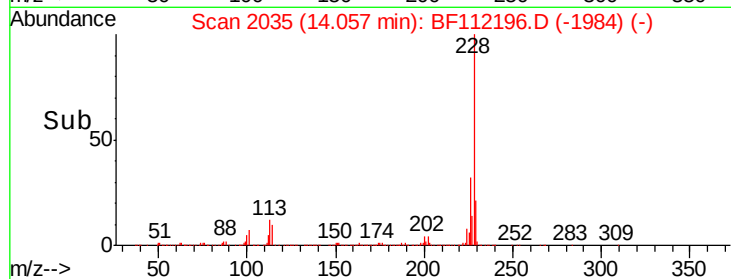
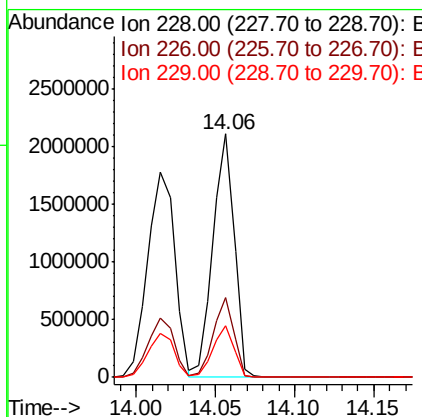
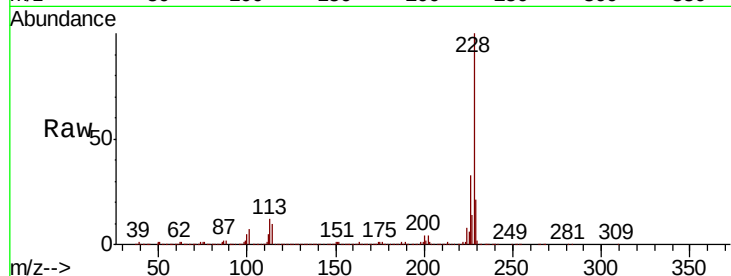




#83
Chrysene
Concen: 39.913 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

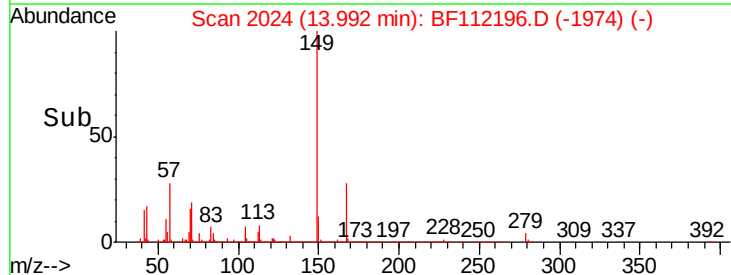
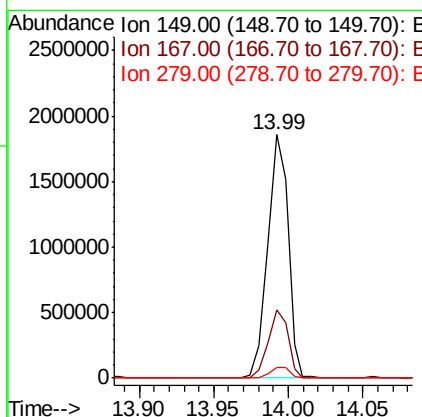
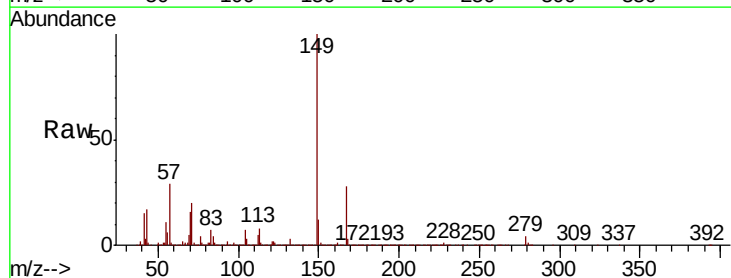
Instrument :
BNA_F
ClientSampleId :

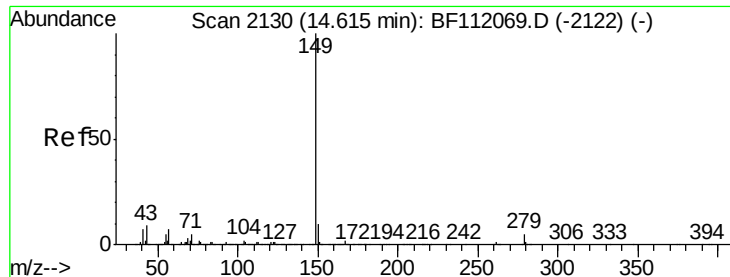
Tot Ion:228 Resp: 1985578
Ion Ratio Lower Upper
228 100
226 32.5 25.0 37.6
229 21.1 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.846 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:149 Resp: 1743839
Ion Ratio Lower Upper
149 100
167 27.9 22.5 33.7
279 4.2 3.8 5.6

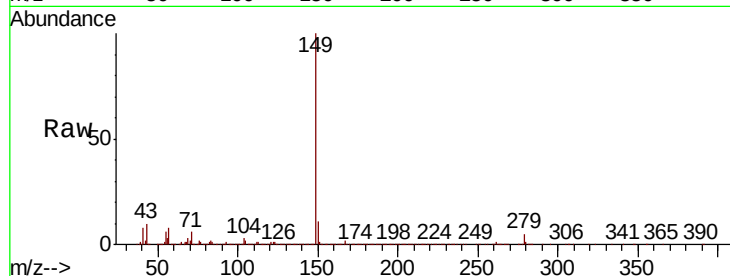




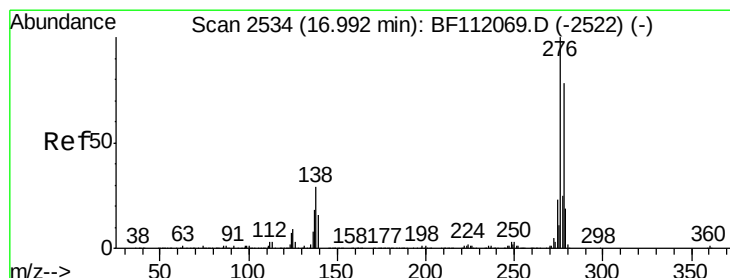
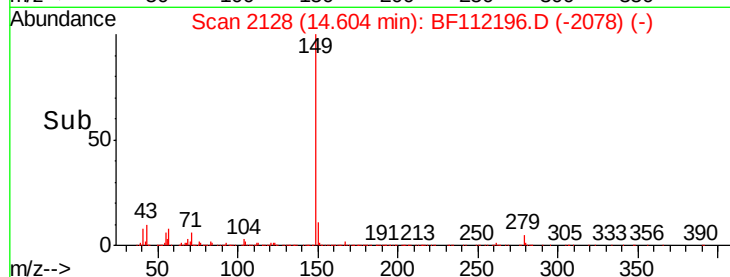
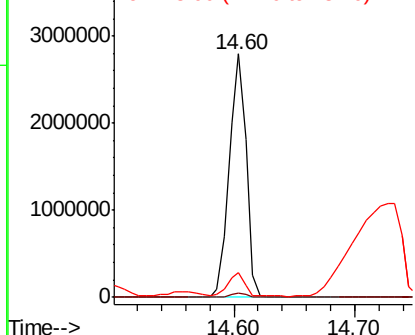
#85
Di-n-octyl phthalate
Concen: 46.323 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2714761
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.8 11.6

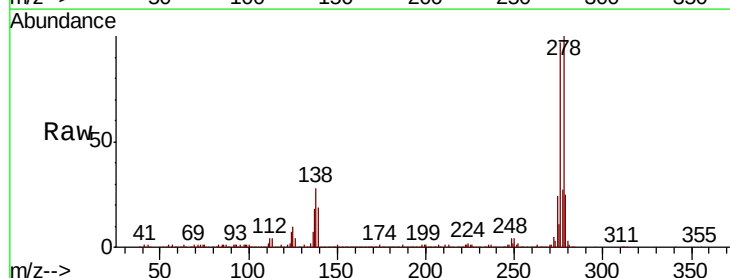


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

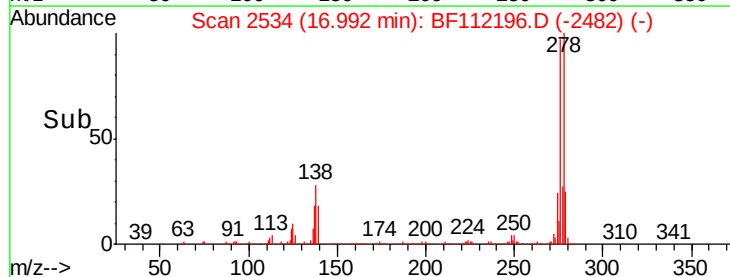
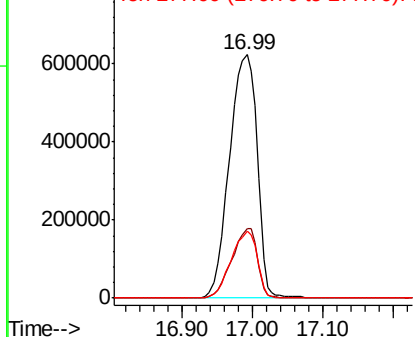


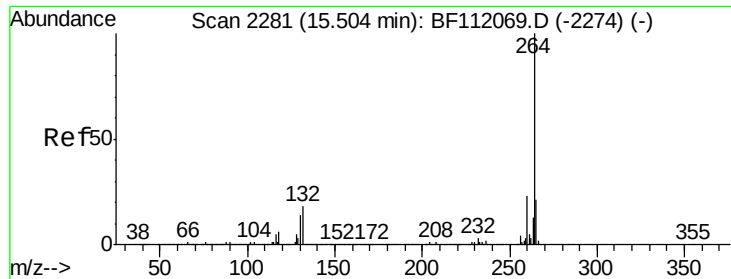
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.176 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:276 Resp: 1706264
Ion Ratio Lower Upper
276 100
138 26.4 22.6 34.0
277 26.0 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

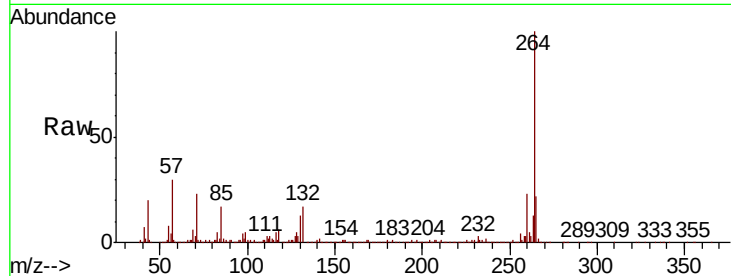




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.7	17.0	25.4

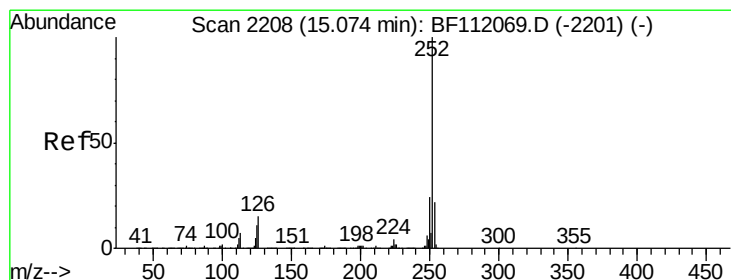
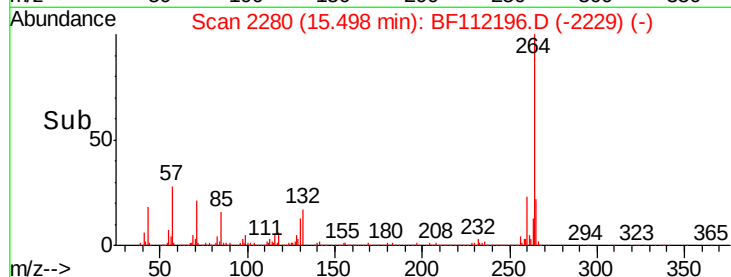
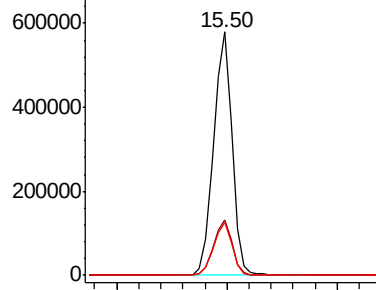


Abundance

Ion 264.00 (263.70 to 264.70): E

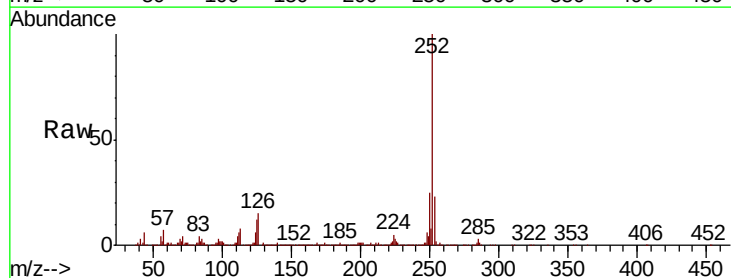
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 48.978 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.7	8.7	13.1

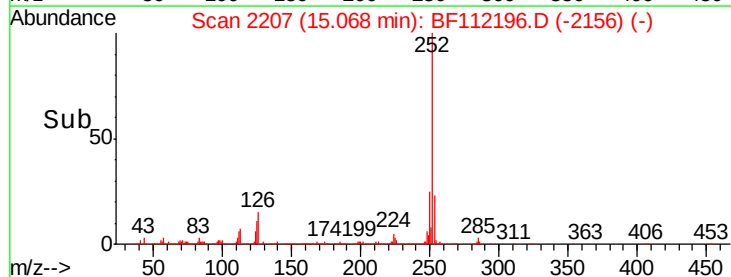
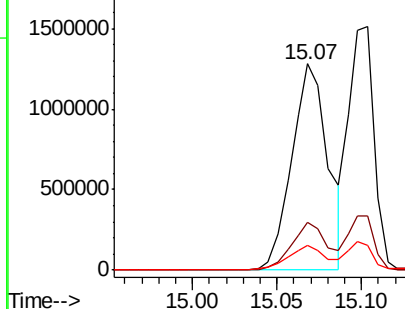


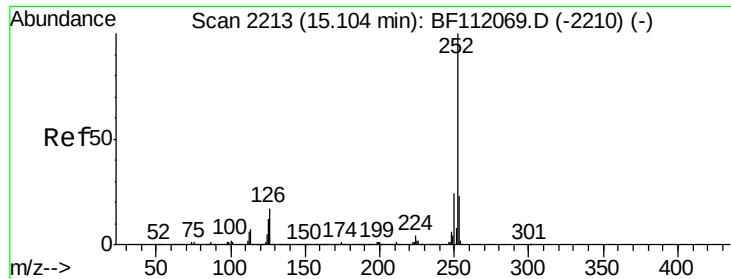
Abundance

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

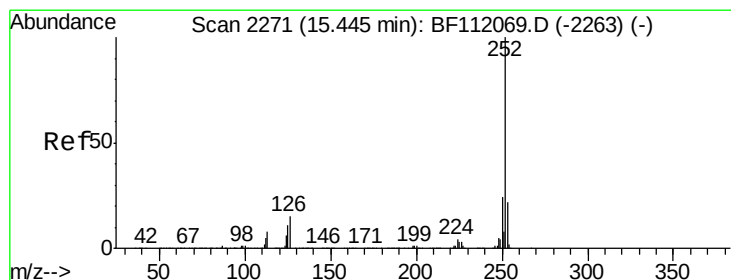
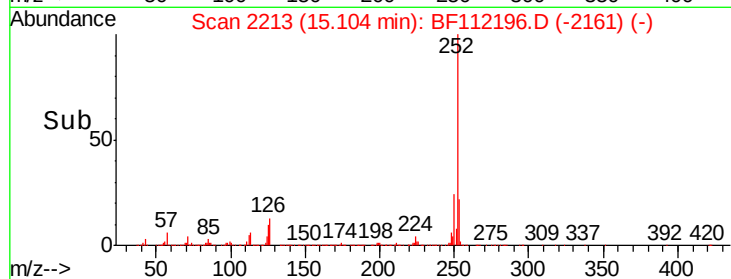
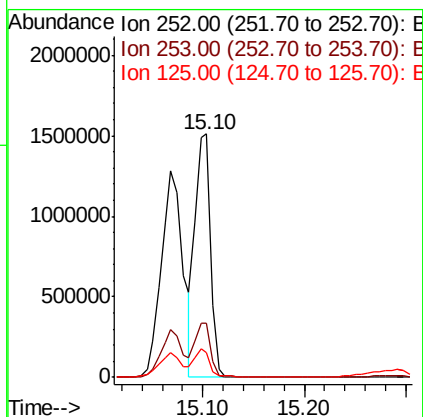
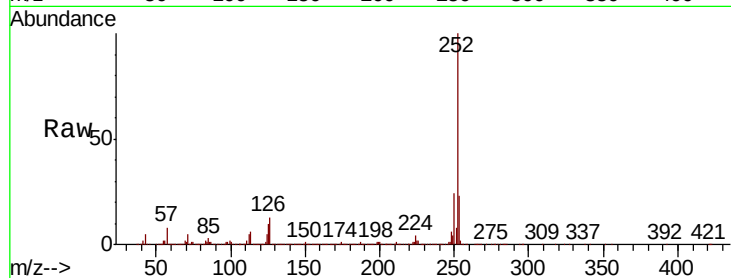




#89
Benzo(k)fluoranthene
Concen: 42.300 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

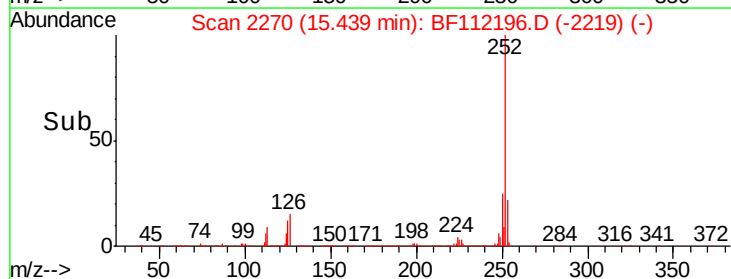
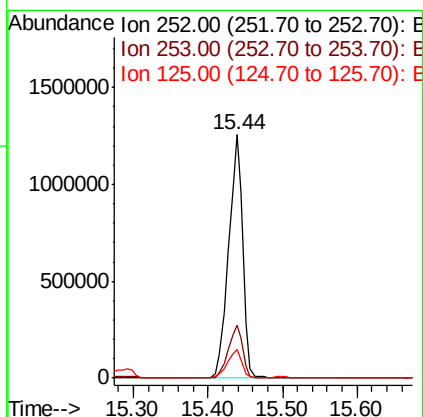
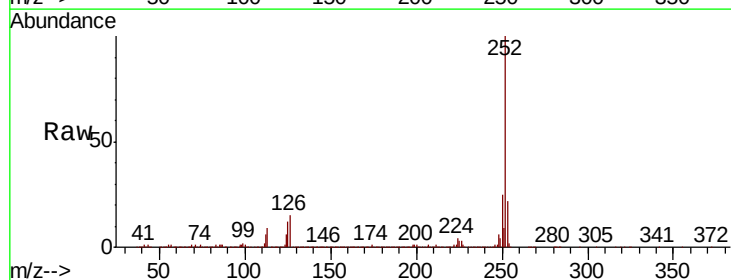
Instrument :
BNA_F
ClientSampleId :

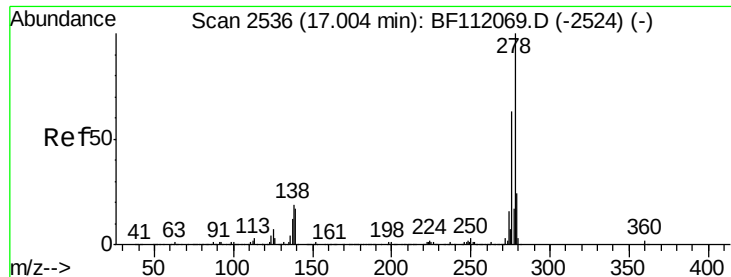
Tot Ion:252 Resp: 1591463
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.0 9.1 13.7



#90
Benzo(a)pyrene
Concen: 46.778 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:252 Resp: 1667555
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 45.134 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

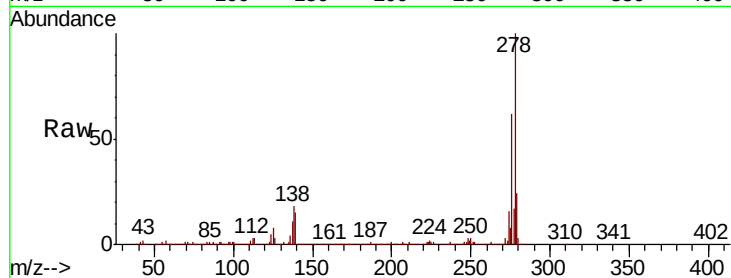
Tot Ion:278 Resp: 1429021

Ion Ratio Lower Upper

278 100

139 15.2 13.7 20.5

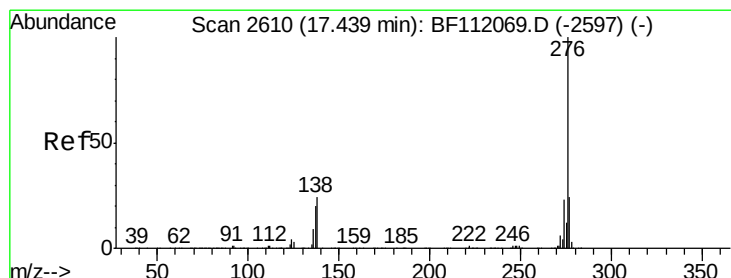
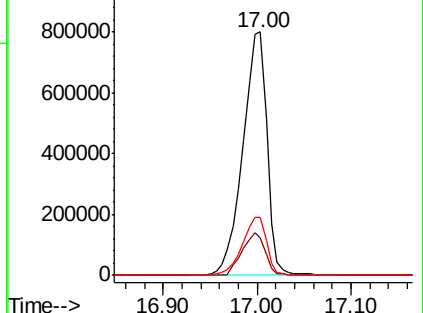
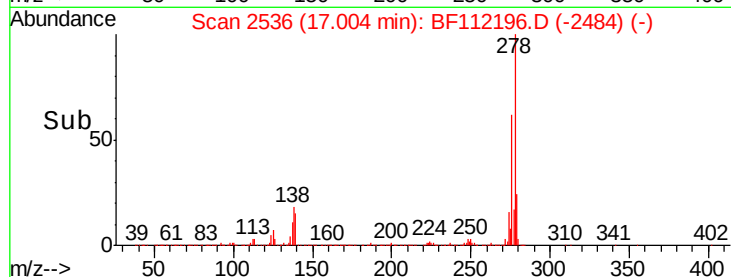
279 23.7 19.0 28.6



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: 45.089 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

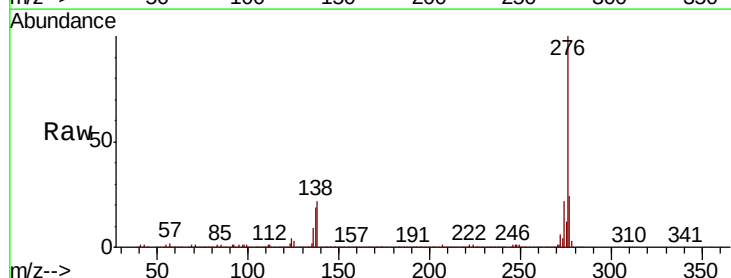
Tgt Ion:276 Resp: 1406439

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 21.9 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

