

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113460.D
 Acq On : 1 Apr 2019 12:08
 Operator : JU/SJ
 Sample : PB118402BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 01 13:21:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	141119	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	540966	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	278090	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	608292	20.00	ng	0.00
76) Chrysene-d12	13.85	240	433476	20.00	ng	0.00
87) Perylene-d12	15.26	264	345096	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1002418	116.15	ng	0.02
7) Phenol-d6	6.36	99	1273675	116.66	ng	0.00
23) Nitrobenzene-d5	7.27	82	811990	89.09	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	445913	129.81	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1529932	86.55	ng	0.00
79) Terphenyl-d14	12.80	244	1859329	94.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	160457	36.644	ng	99
3) Pyridine	3.17	79	392268	36.338	ng	96
4) n-Nitrosodimethylamine	3.10	42	164317	34.240	ng	90
6) Aniline	6.37	93	390140	29.343	ng	# 81
8) 2-Chlorophenol	6.50	128	378877	37.804	ng	93
9) Benzaldehyde	6.26	77	258890	35.336	ng	98
10) Phenol	6.37	94	462822	37.131	ng	92
11) bis(2-Chloroethyl)ether	6.45	93	354002	37.051	ng	98
12) 1,3-Dichlorobenzene	6.65	146	399394	36.970	ng	98
13) 1,4-Dichlorobenzene	6.73	146	407702	39.086	ng	99
14) 1,2-Dichlorobenzene	6.88	146	379788	37.009	ng	98
15) Benzyl Alcohol	6.86	79	285826	39.683	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	557886	38.868	ng	95
17) 2-Methylphenol	6.98	107	309119	39.357	ng	98
18) Hexachloroethane	7.22	117	142660	38.078	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	256420	37.390	ng	98
20) 3+4-Methylphenols	7.13	107	396006	43.674	ng	97
22) Acetophenone	7.12	105	514694	41.720	ng	# 97
24) Nitrobenzene	7.29	77	390208	41.028	ng	95
25) Isophorone	7.53	82	724128	40.997	ng	98
26) 2-Nitrophenol	7.61	139	206817	41.140	ng	98
27) 2,4-Dimethylphenol	7.66	122	350855	48.517	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	464424	41.753	ng	99
29) 2,4-Dichlorophenol	7.86	162	341051	43.520	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	347817	41.137	ng	97
31) Naphthalene	8.02	128	1100187	41.617	ng	99
32) Benzoic acid	7.80	122	217276	37.326	ng	94
33) 4-Chloroaniline	8.07	127	250476	24.298	ng	97
34) Hexachlorobutadiene	8.13	225	204763	40.747	ng	99
35) Caprolactam	8.44	113	74078	29.453	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	349925	44.394	ng	98
37) 2-Methylnaphthalene	8.70	142	748481	45.376	ng	100
38) 1-Methylnaphthalene	8.80	142	704528	44.405	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	348532	39.044	ng	99

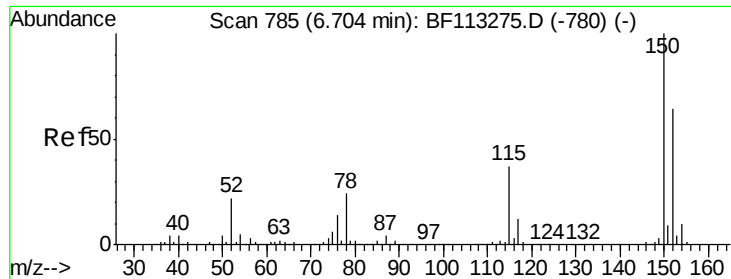
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	260705	68.998	nq	99
43) 2,4,6-Trichlorophenol	8.99	196	237448	40.848	nq	99
44) 2,4,5-Trichlorophenol	9.04	196	261707	40.681	nq	97
46) 1,1'-Biphenyl	9.17	154	927424	39.931	nq	99
47) 2-Chloronaphthalene	9.19	162	709097	39.653	nq	99
48) 2-Nitroaniline	9.29	65	225149	40.120	nq	99
49) Acenaphthylene	9.60	152	1155089	39.948	nq	100
50) Dimethylphthalate	9.47	163	865536	41.999	nq	99
51) 2,6-Dinitrotoluene	9.53	165	192377	41.378	nq	100
52) Acenaphthene	9.77	154	660996	40.593	nq	100
53) 3-Nitroaniline	9.70	138	134259	25.607	nq	88
54) 2,4-Dinitrophenol	9.82	184	166433	71.975	nq	90
55) Dibenzofuran	9.95	168	988579	40.384	nq	98
56) 4-Nitrophenol	9.89	139	277202	74.159	nq	95
57) 2,4-Dinitrotoluene	9.95	165	251850	42.596	nq	96
58) Fluorene	10.29	166	787288	41.400	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	238843	43.903	nq	98
60) Diethylphthalate	10.17	149	879369	43.496	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	392285	42.325	nq	95
62) 4-Nitroaniline	10.32	138	222985	41.307	nq	97
63) Azobenzene	10.44	77	790542	41.540	nq	97
65) 4,6-Dinitro-2-methylphenol	10.36	198	110878	33.320	nq	99
66) n-Nitrosodiphenylamine	10.40	169	738828	39.582	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	258512	38.992	nq	97
68) Hexachlorobenzene	10.85	284	307213	39.921	nq	99
69) Atrazine	10.93	200	232775	39.510	nq	98
70) Pentachlorophenol	11.04	266	307223	76.625	nq	99
71) Phenanthrene	11.25	178	1219836	40.381	nq	100
72) Anthracene	11.30	178	1277534	41.636	nq	99
73) Carbazole	11.46	167	1217776	41.593	nq	100
74) Di-n-butylphthalate	11.79	149	1443149	42.505	nq	99
75) Fluoranthene	12.43	202	1348529	39.489	nq	99
77) Benzidine	12.55	184	694626	41.845	nq	98
78) Pyrene	12.66	202	1349521	44.926	nq	100
80) Butylbenzylphthalate	13.27	149	585489	44.227	nq	96
81) Benzo(a)anthracene	13.84	228	964474	38.870	nq	100
82) 3,3'-Dichlorobenzidine	13.80	252	282864	28.417	nq	99
83) Chrysene	13.88	228	1017153	40.358	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	722141	44.498	nq	# 98
85) Di-n-octyl phthalate	14.44	149	1138719	41.337	nq	98
86) Indeno(1,2,3-cd)pyrene	16.63	276	838031	38.744	nq	98
88) Benzo(b)fluoranthene	14.86	252	913279	42.602	nq	99
89) Benzo(k)fluoranthene	14.89	252	781616	41.518	nq	99
90) Benzo(a)pyrene	15.20	252	795108	41.837	nq	99
91) Dibenzo(a,h)anthracene	16.63	278	715358	43.532	nq	99
92) Benzo(g,h,i)perylene	17.03	276	711512	42.942	nq	99

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

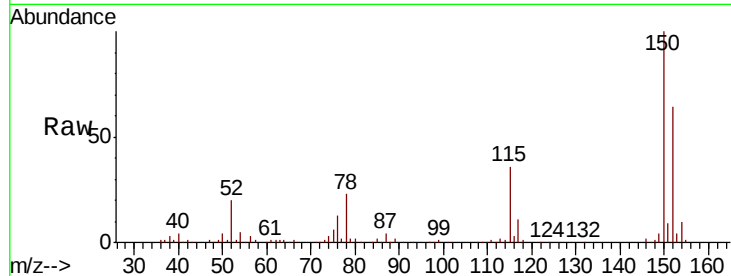


#1

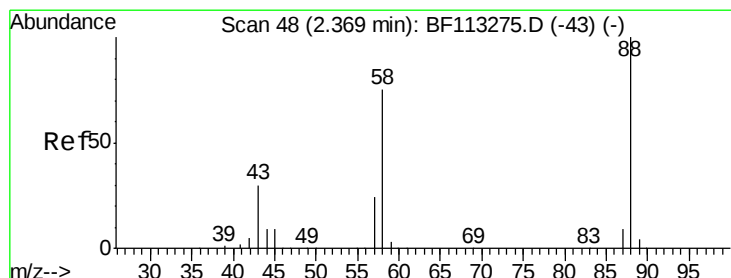
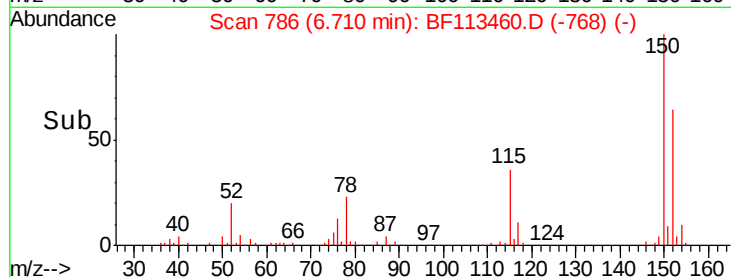
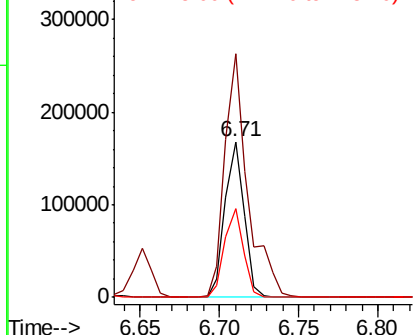
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 141119
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 56.8 46.0 69.0



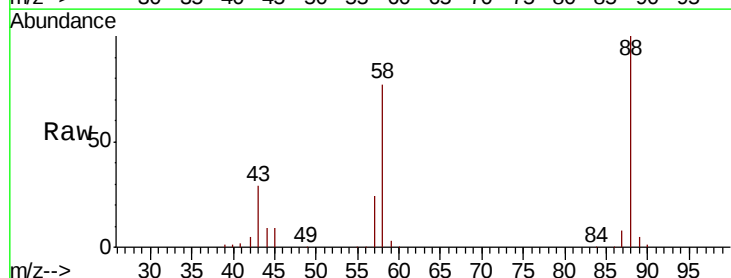
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



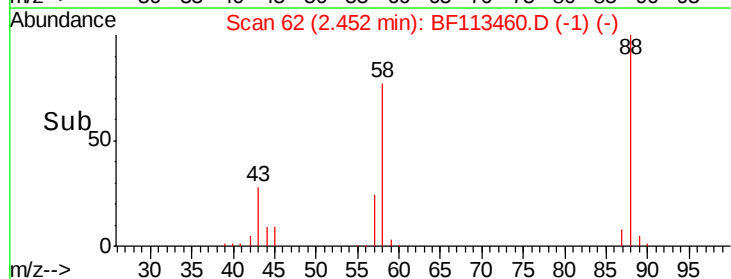
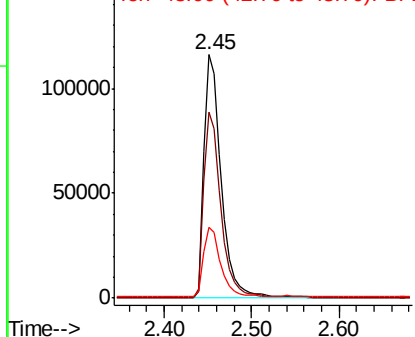
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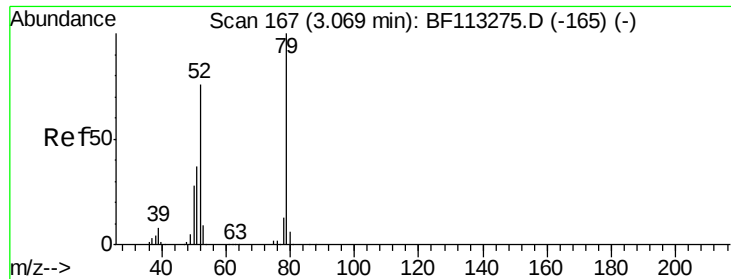
1,4-Dioxane
Concen: 36.644 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.08 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion: 88 Resp: 160457
Ion Ratio Lower Upper
88 100
58 76.6 61.9 92.9
43 29.0 24.2 36.4



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: 36.338 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.10 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

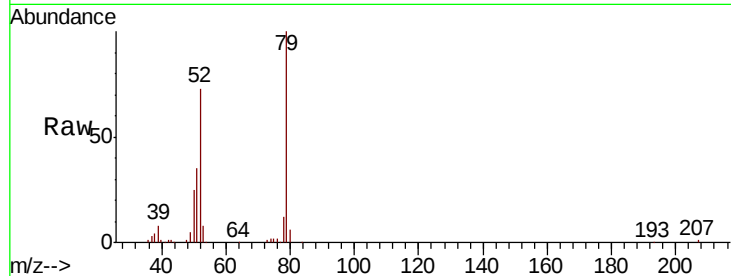
Tot Ion: 79 Resp: 392268

Ion Ratio Lower Upper

79 100

52 73.2 61.0 91.4

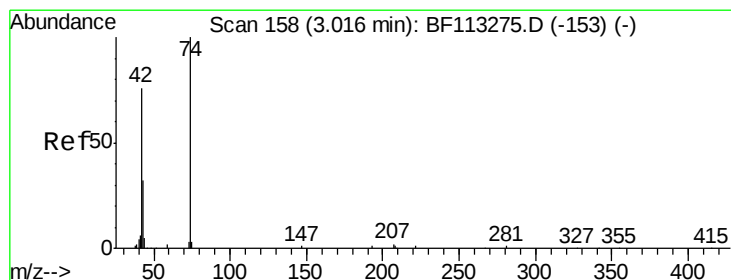
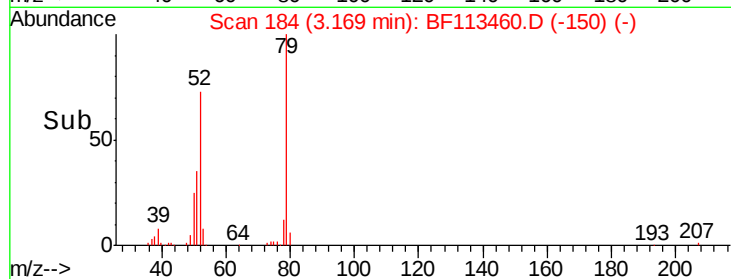
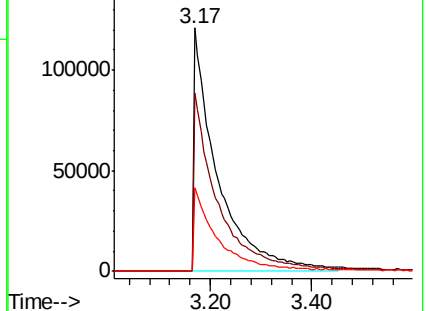
51 34.5 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.240 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.08 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

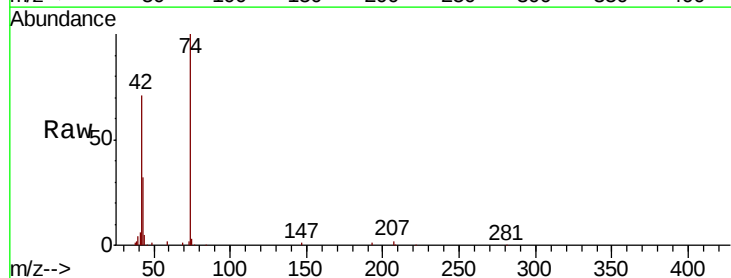
Tgt Ion: 42 Resp: 164317

Ion Ratio Lower Upper

42 100

74 140.5 102.4 153.6

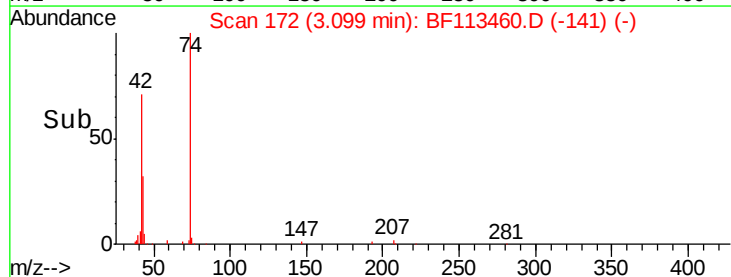
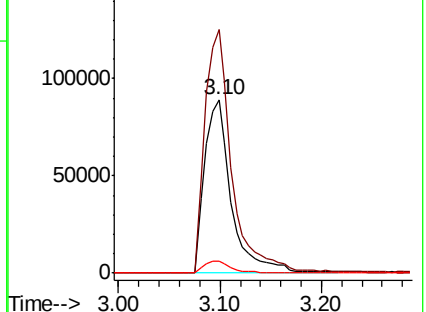
44 6.7 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.148 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampled :

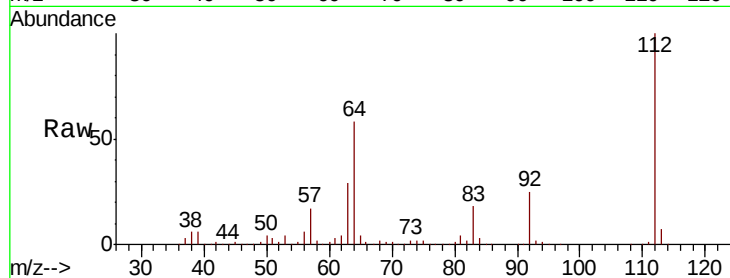
Tot Ion:112 Resp: 1002418

Ion Ratio Lower Upper

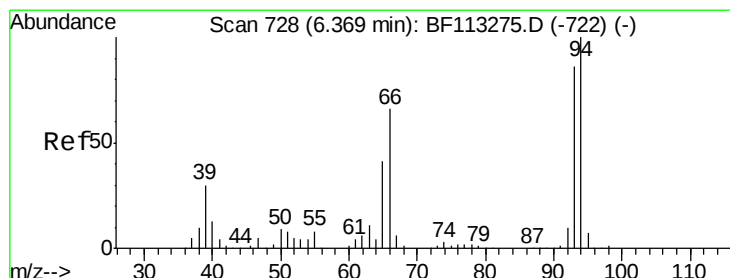
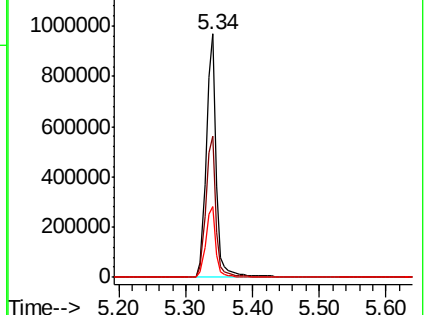
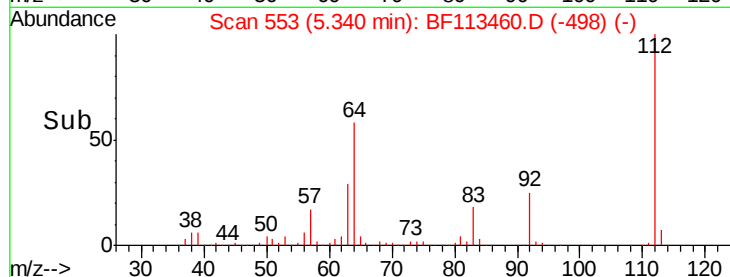
112 100

64 57.9 49.2 73.8

63 29.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.343 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

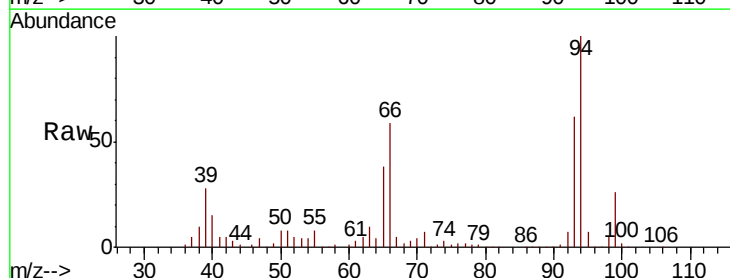
Tgt Ion: 93 Resp: 390140

Ion Ratio Lower Upper

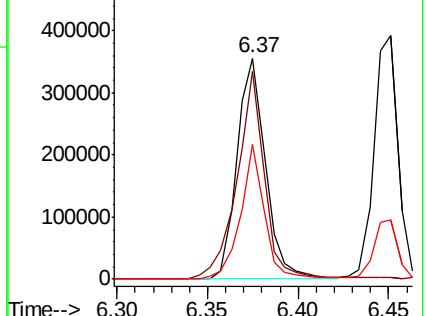
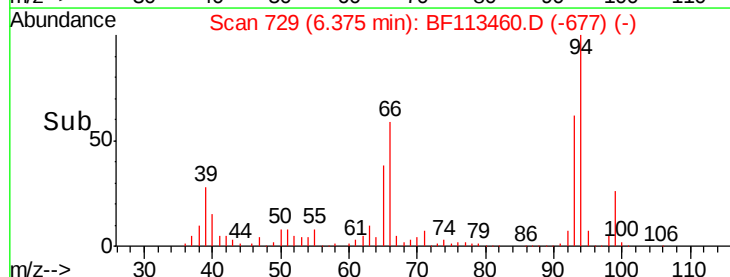
93 100

66 94.2 62.1 93.1#

65 61.0 38.7 58.1#



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: 116.658 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

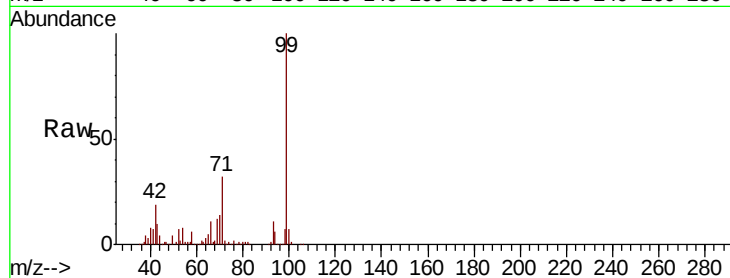
Tot Ion: 99 Resp: 1273675

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

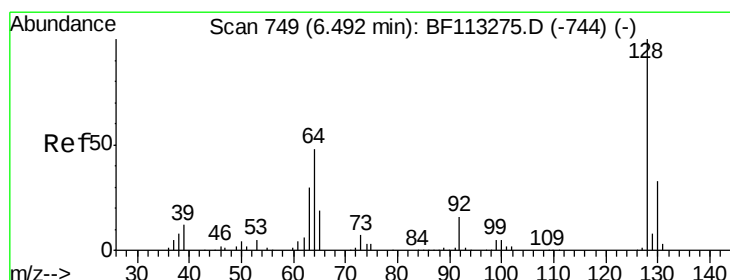
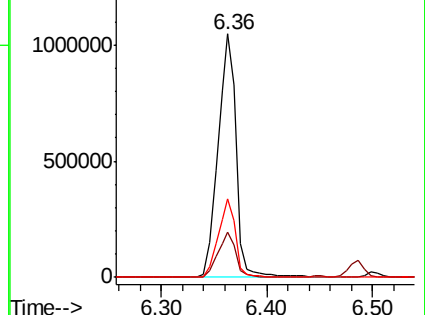
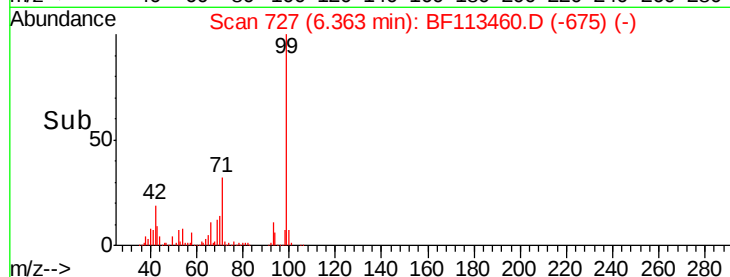
71 32.0 24.9 37.3



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: 37.804 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

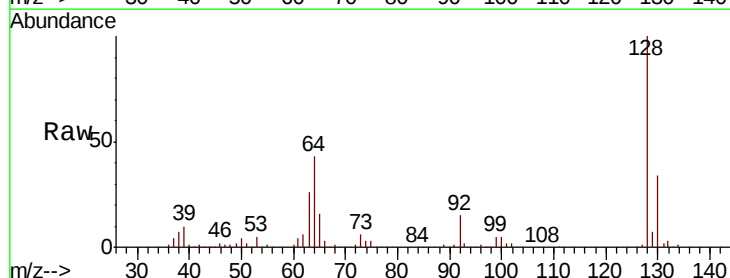
Tgt Ion:128 Resp: 378877

Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

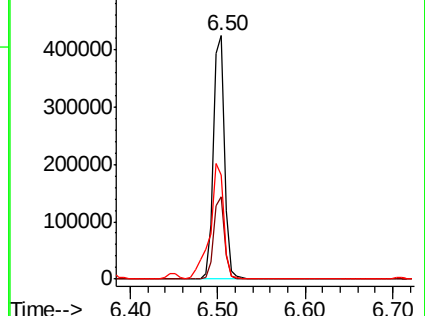
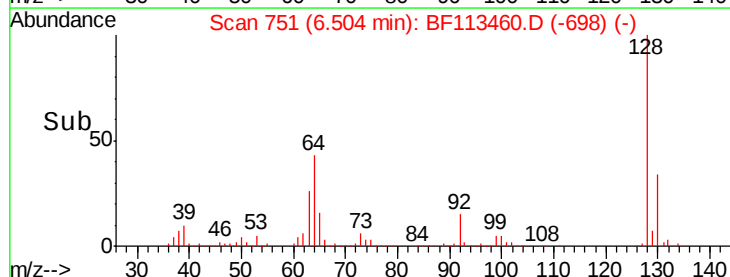
64 42.9 29.4 69.4

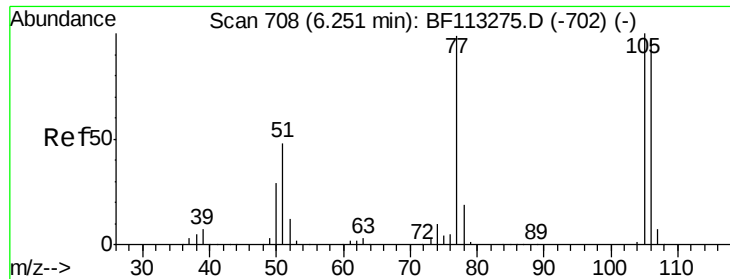


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

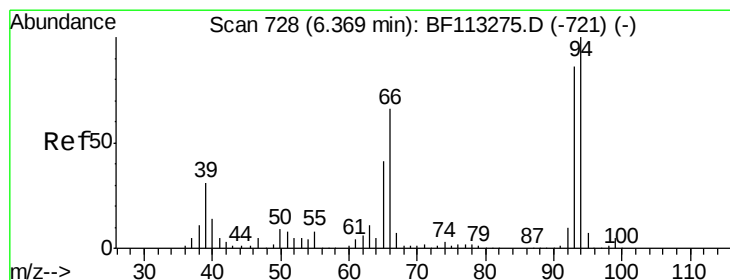
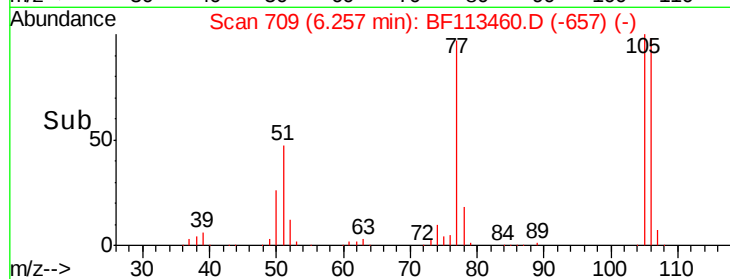
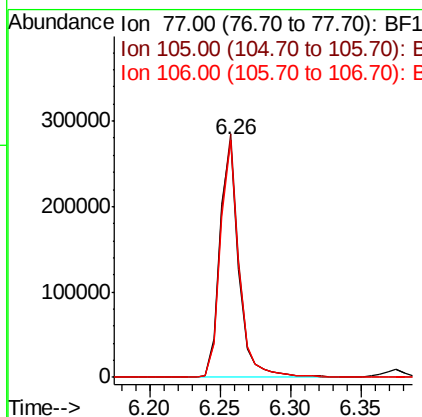
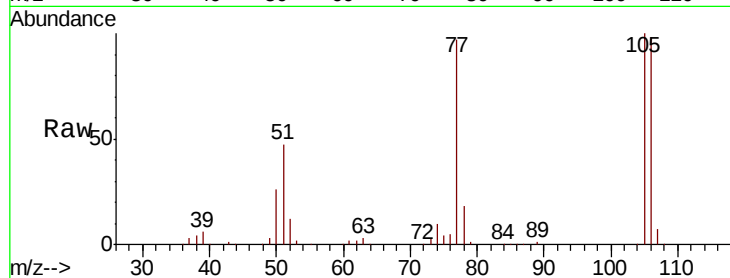




#9
Benzaldehyde
Concen: 35.336 ng
RT: 6.26 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

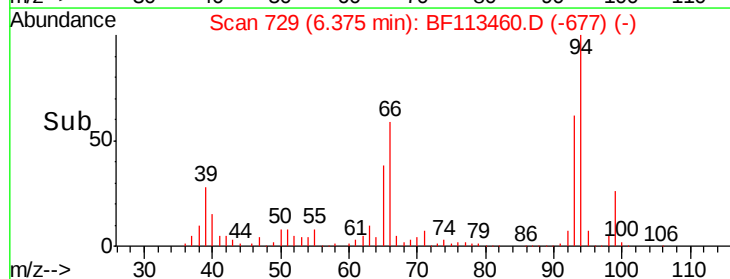
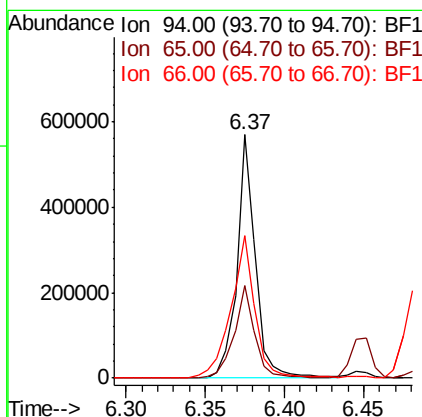
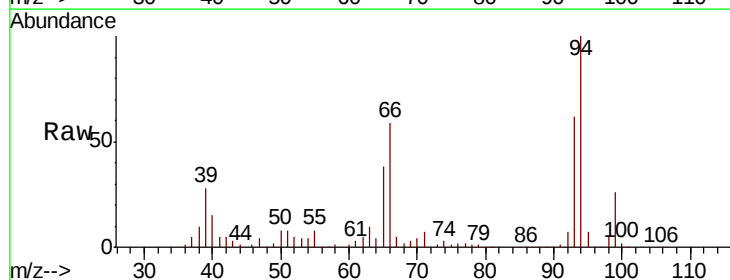
Instrument :
BNA_N
ClientSampled :

Tot Ion: 77 Resp: 258890
Ion Ratio Lower Upper
77 100
105 102.7 80.9 120.9
106 100.2 77.8 117.8



#10
Phenol
Concen: 37.131 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion: 94 Resp: 462822
Ion Ratio Lower Upper
94 100
65 38.0 21.4 61.4
66 58.8 46.4 86.4





#11

bis(2-Chloroethyl)ether

Concen: 37.051 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

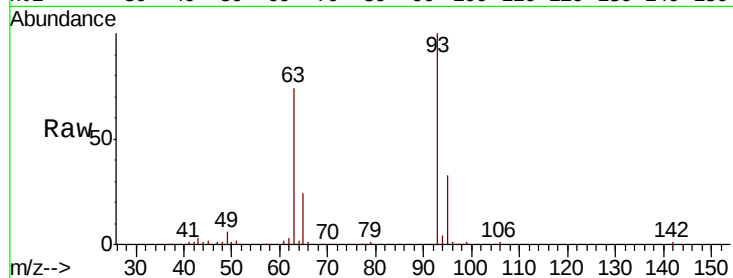
Tot Ion: 93 Resp: 354002

Ion Ratio Lower Upper

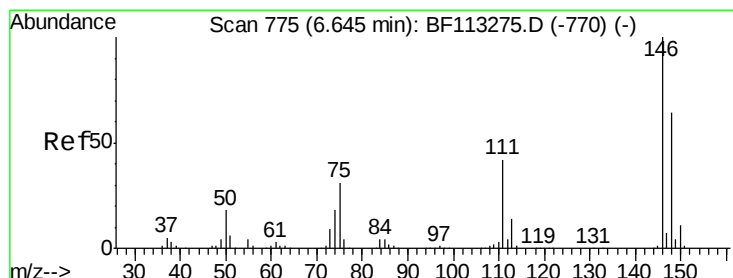
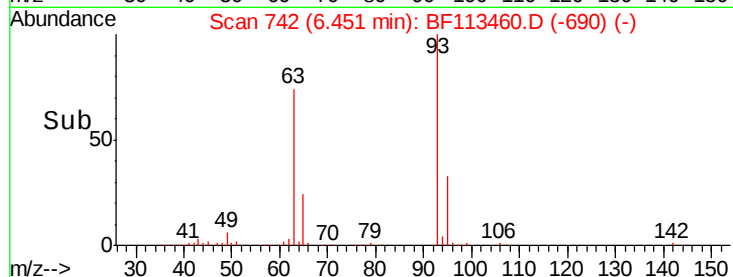
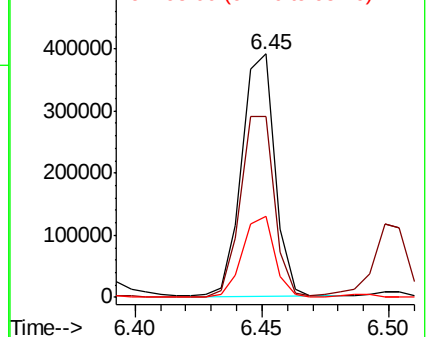
93 100

63 74.4 56.1 96.1

95 33.4 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 36.970 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

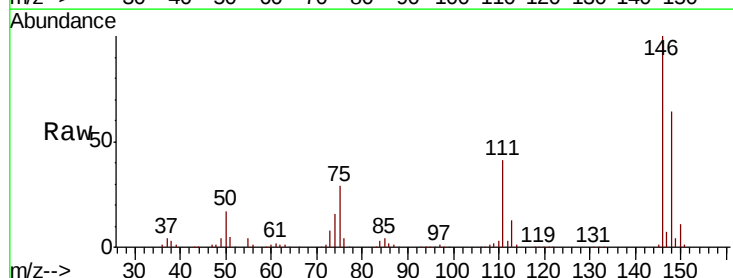
Tgt Ion: 146 Resp: 399394

Ion Ratio Lower Upper

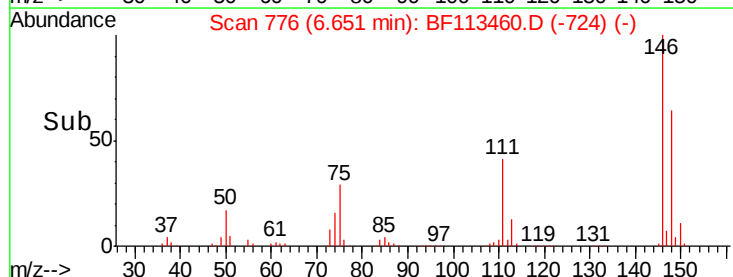
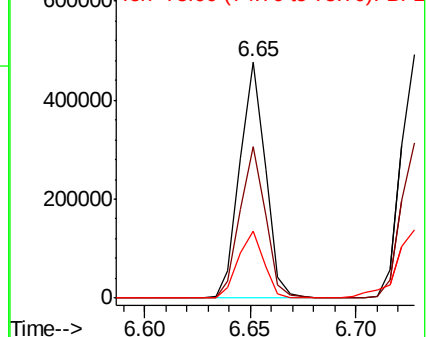
146 100

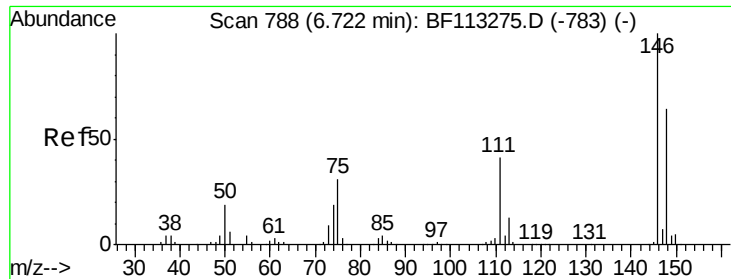
148 64.0 51.4 77.0

75 28.5 24.8 37.2



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

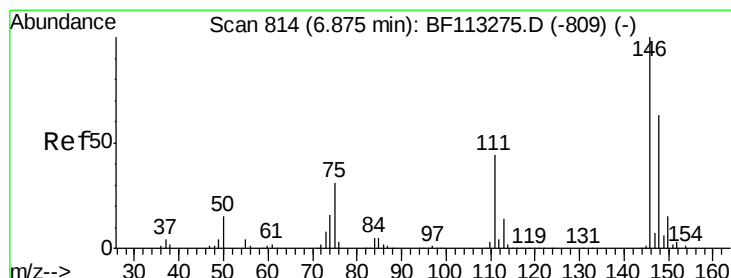
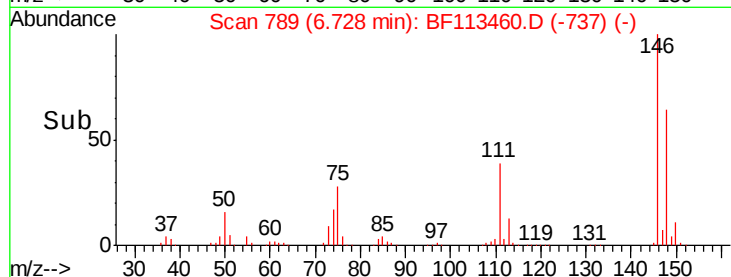
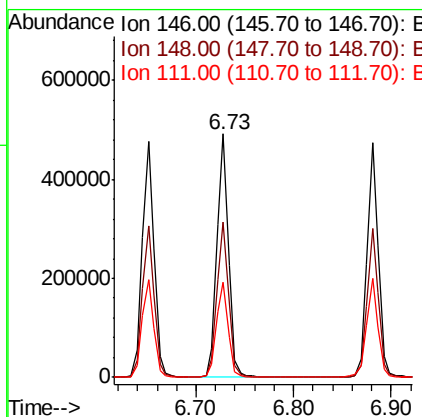
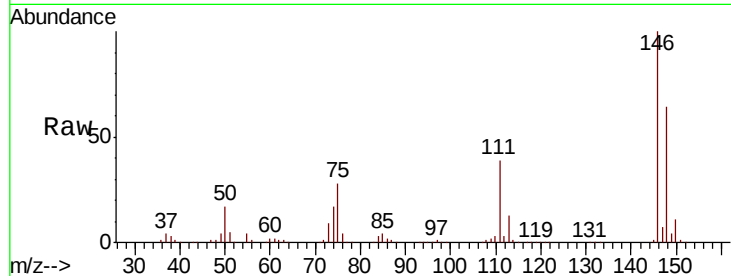




#13
 1,4-Dichlorobenzene
 Concen: 39.086 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

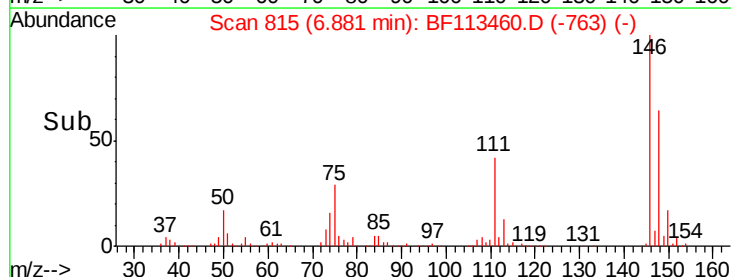
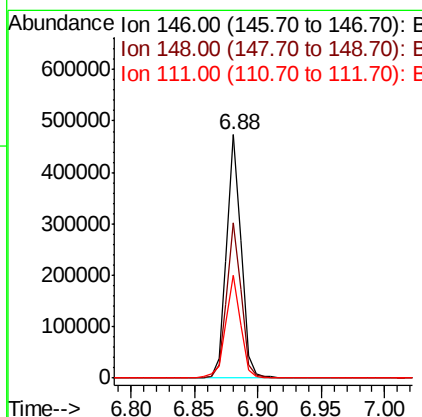
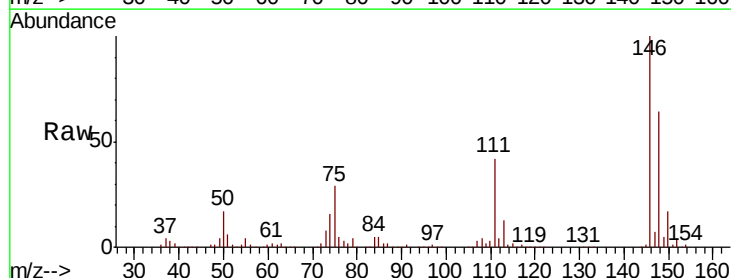
Instrument :
 BNA_N
 ClientSampleId :

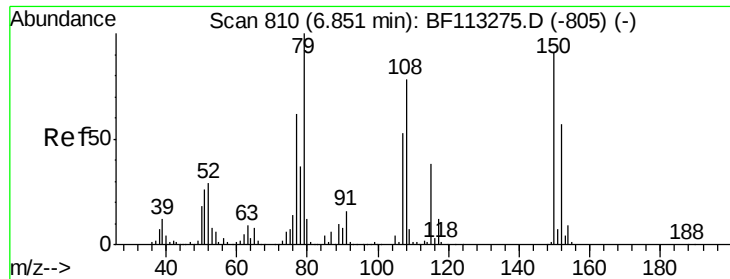
Tot Ion:146 Resp: 407702
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 39.2 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.009 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion:146 Resp: 379788
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.2 75.4
 111 42.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 39.683 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampled :

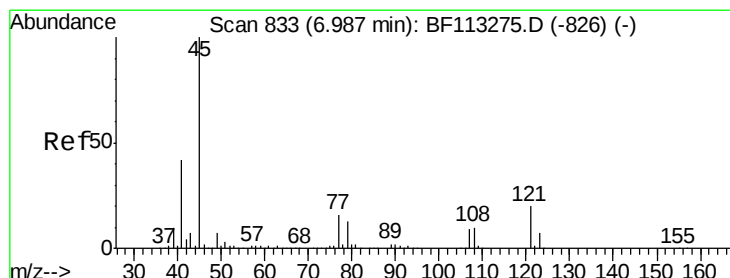
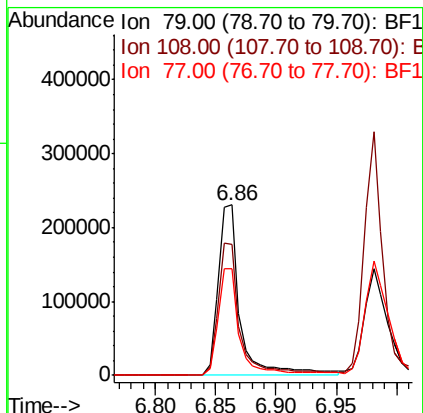
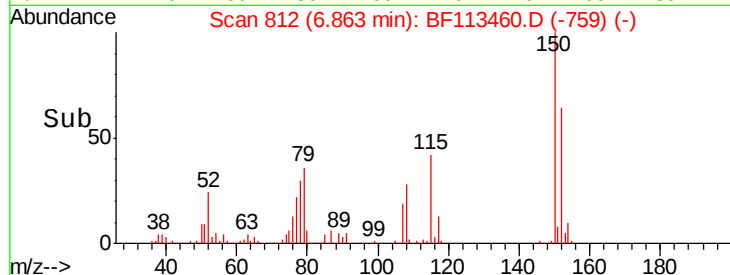
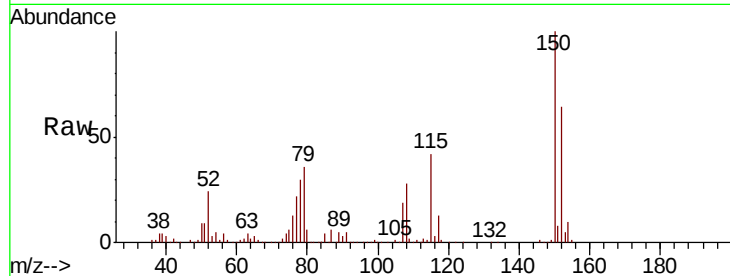
Tot Ion: 79 Resp: 285826

Ion Ratio Lower Upper

79 100

108 77.3 62.0 93.0

77 62.7 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.868 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

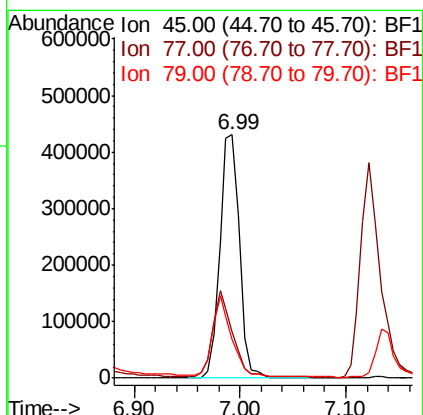
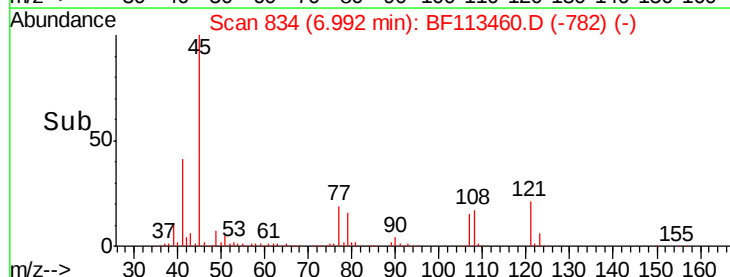
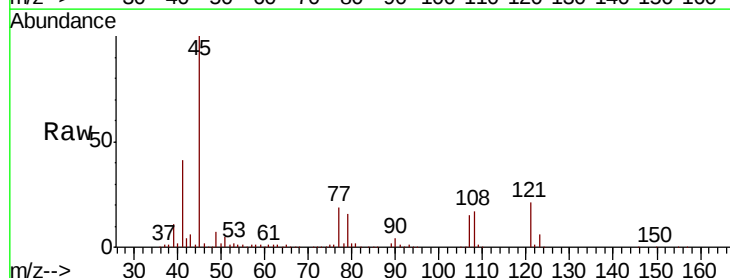
Tgt Ion: 45 Resp: 557886

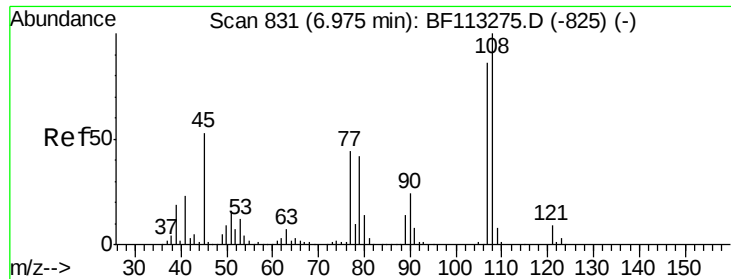
Ion Ratio Lower Upper

45 100

77 19.0 0.0 36.6

79 15.9 0.0 34.0

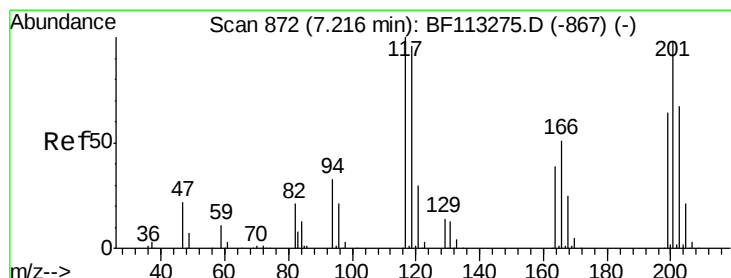
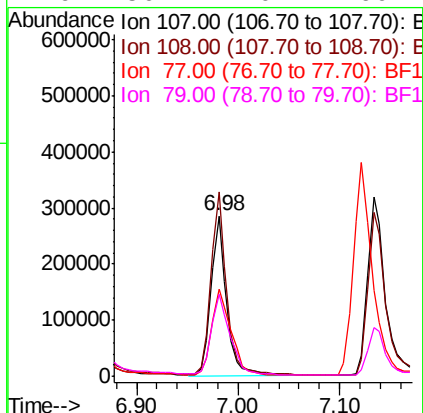
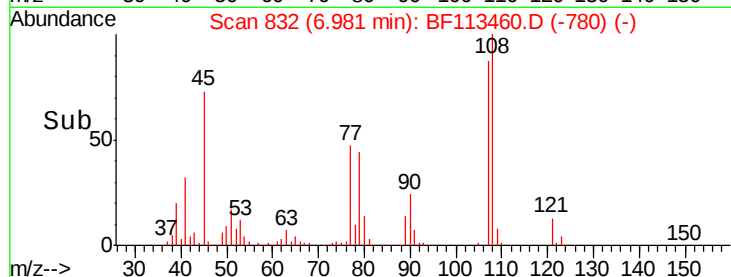
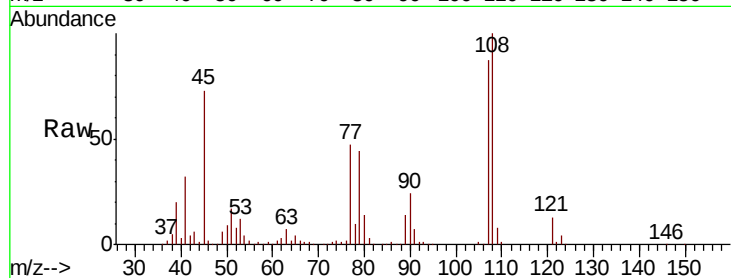




#17
2-Methylphenol
Concen: 39.357 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

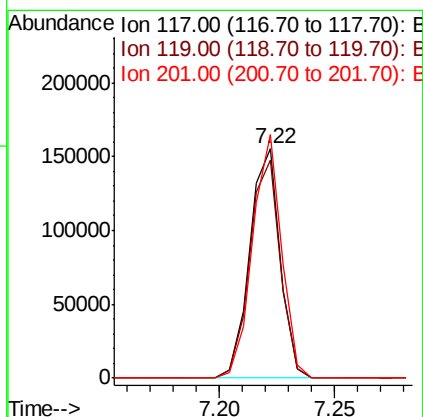
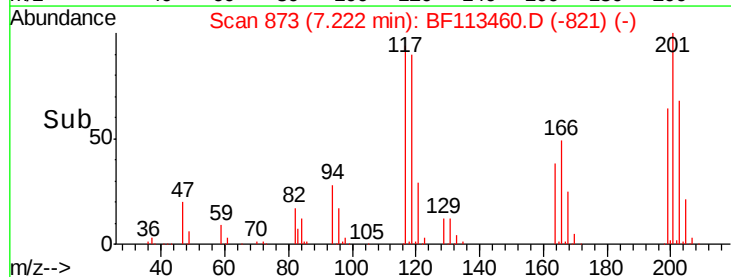
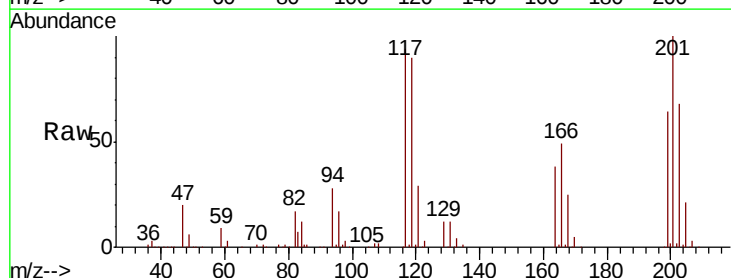
Instrument :
BNA_N
ClientSampled :

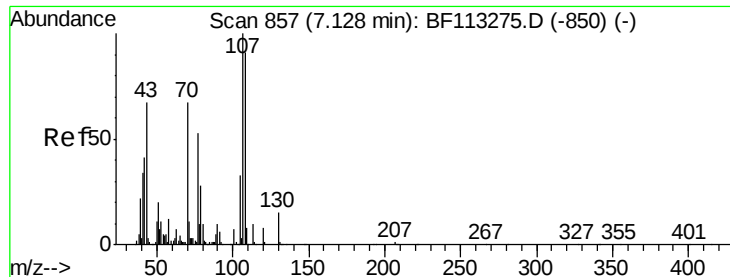
Tot Ion:107 Resp: 309119
Ion Ratio Lower Upper
107 100
108 115.2 93.4 140.0
77 54.0 41.2 61.8
79 50.7 40.1 60.1



#18
Hexachloroethane
Concen: 38.078 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:117 Resp: 142660
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3
201 106.4 78.7 118.1

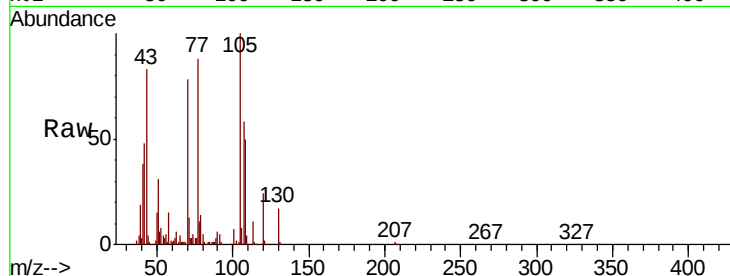




#19
n-Nitroso-di-n-propylamine
Concen: 37.390 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	48.4	72.6
101	9.3	7.8	11.8
130	21.7	18.2	27.4



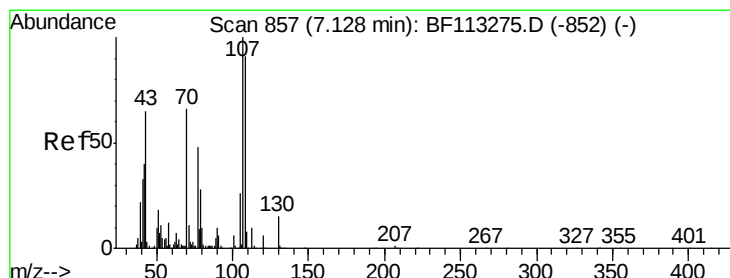
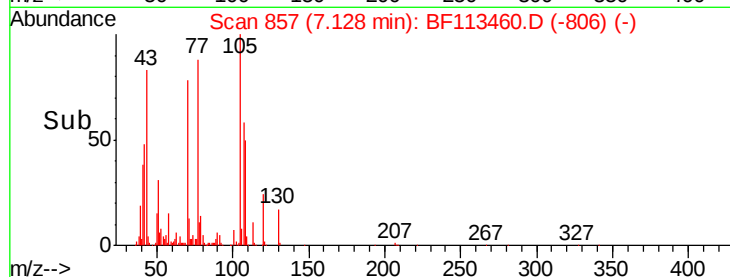
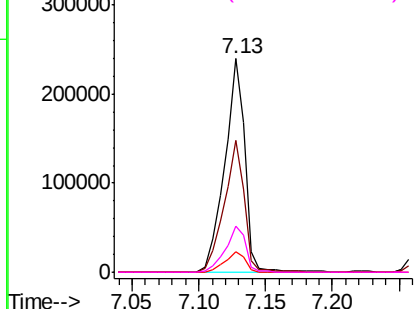
Abundance

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: 43.674 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.4	111.4
77	48.0	33.5	73.5
79	26.9	8.3	48.3

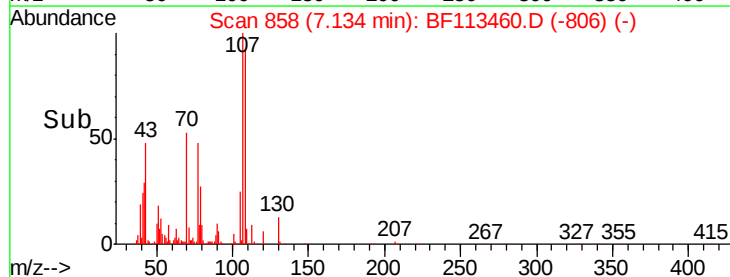
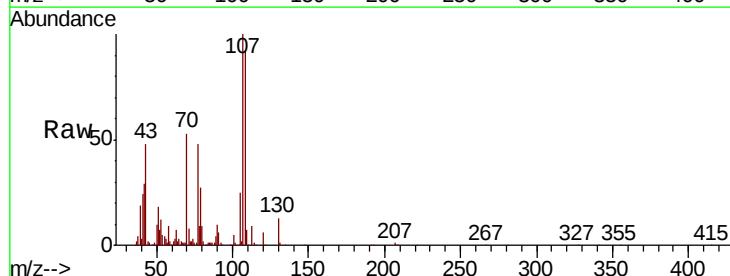
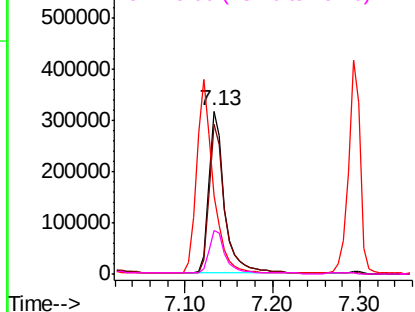
Abundance

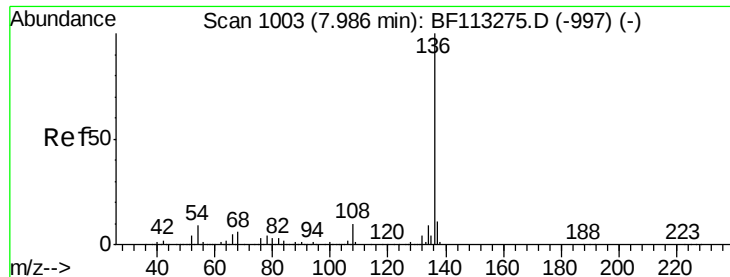
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 540966

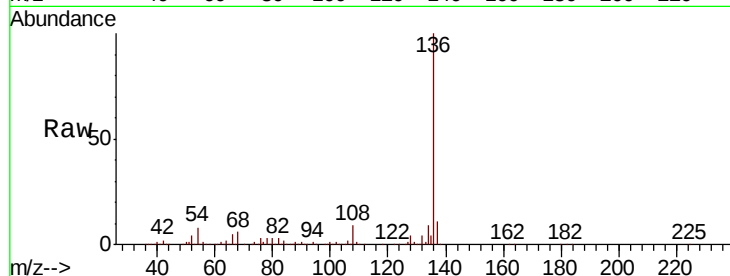
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 7.0 10.6

68 5.9 4.8 7.2

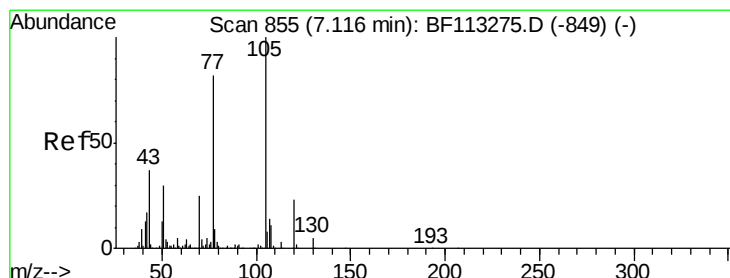
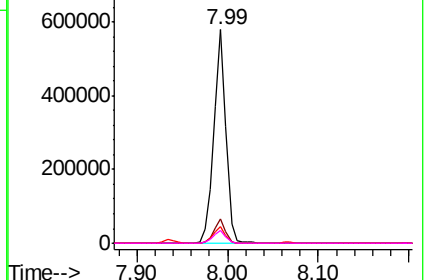
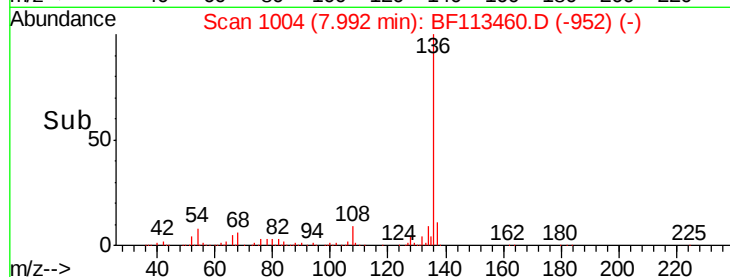


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.720 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Tgt Ion:105 Resp: 514694

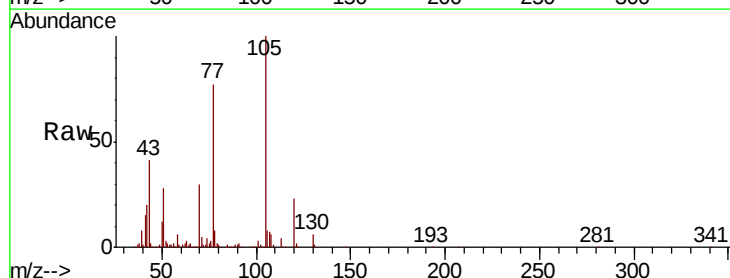
Ion Ratio Lower Upper

105 100

71 5.0 3.3 4.9#

51 27.7 24.2 36.2

120 22.6 18.1 27.1

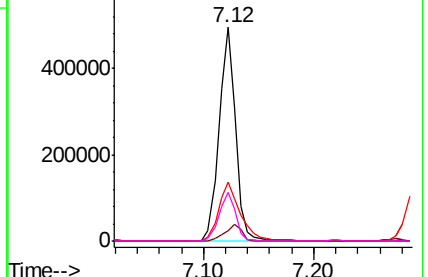
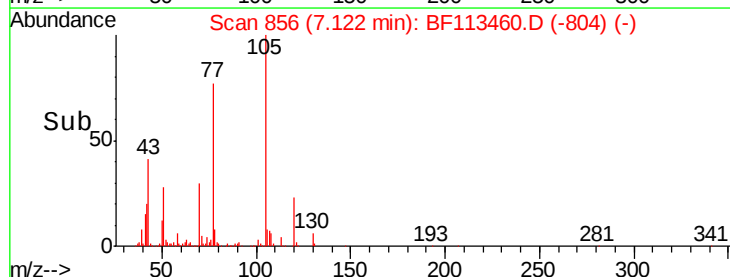


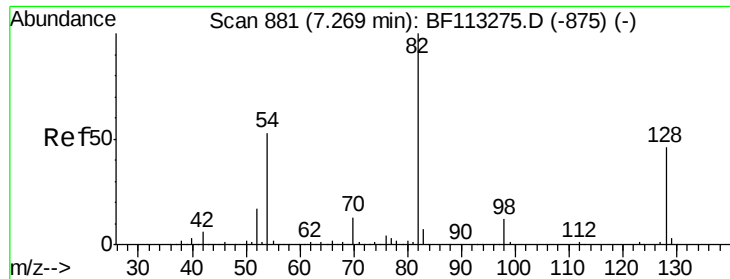
Abundance Ion 105.00 (104.70 to 105.70): E

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

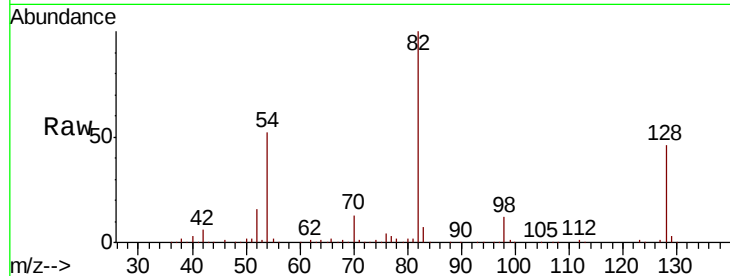




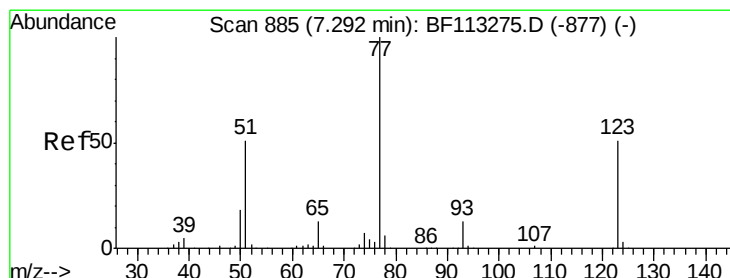
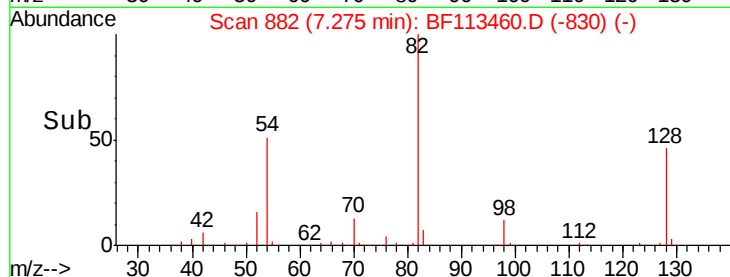
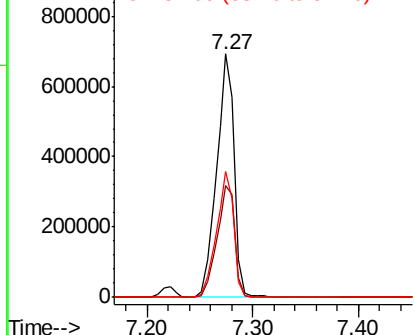
#23
Nitrobenzene-d5
Concen: 89.090 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 811990
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 51.8 42.2 63.2

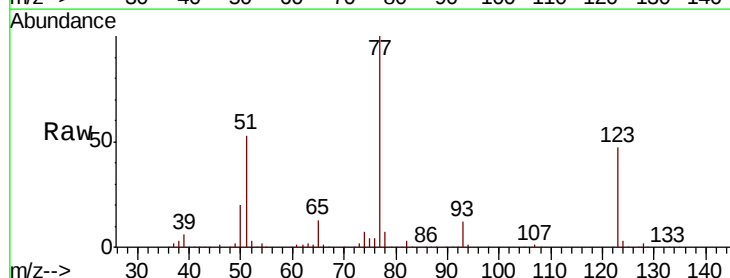


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

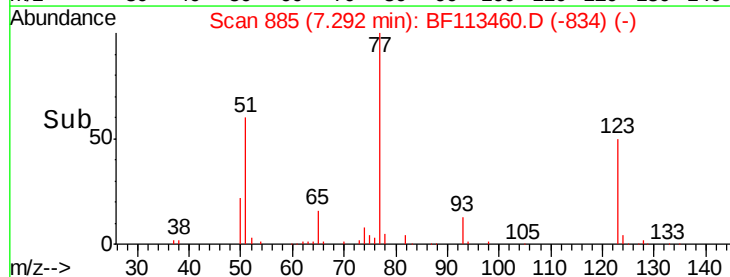
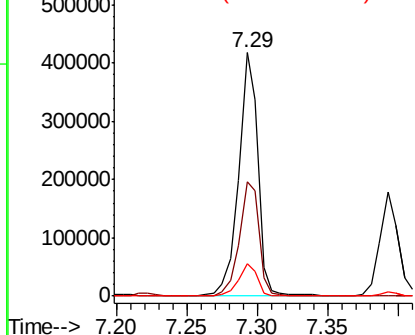


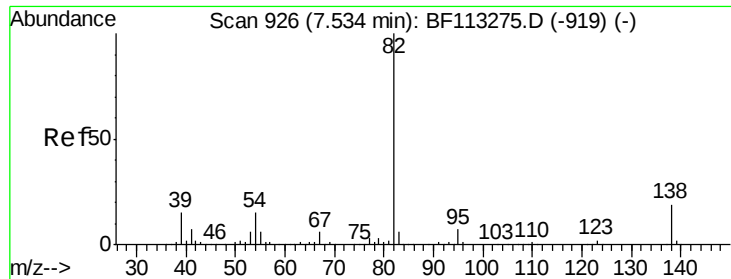
#24
Nitrobenzene
Concen: 41.028 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion: 77 Resp: 390208
Ion Ratio Lower Upper
77 100
123 47.0 40.8 61.2
65 13.1 10.6 16.0



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

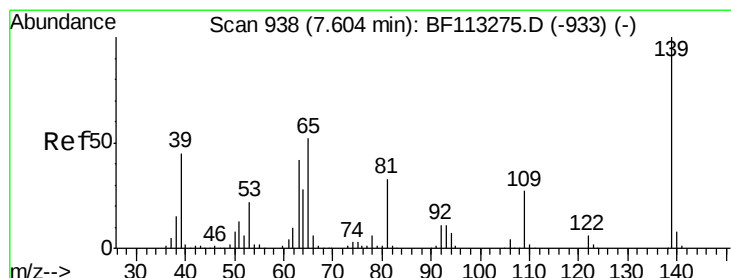
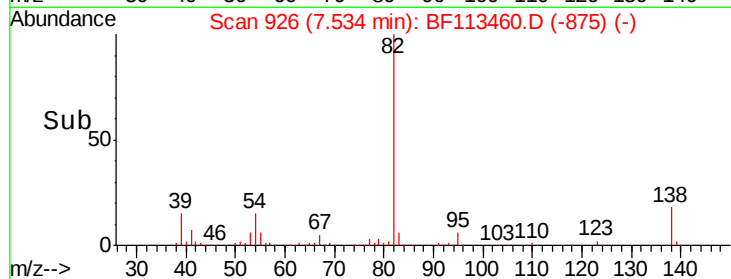
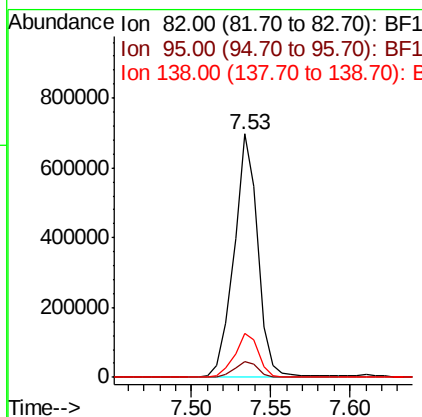
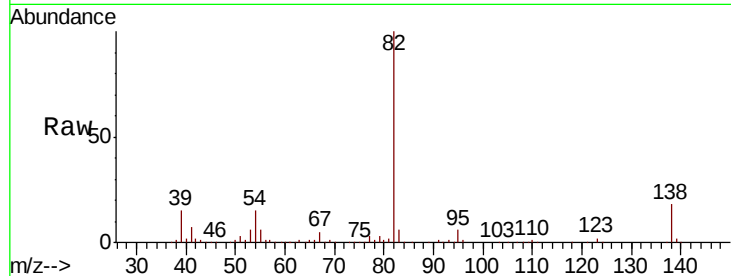




#25
Isophorone
Concen: 40.997 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

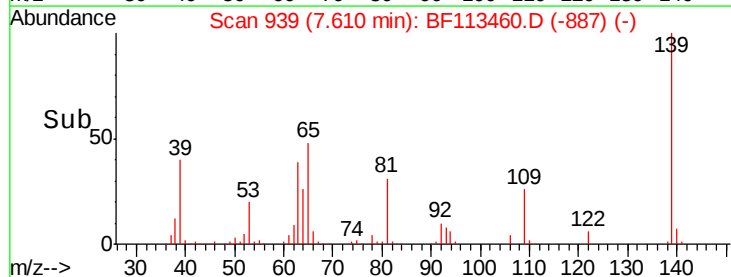
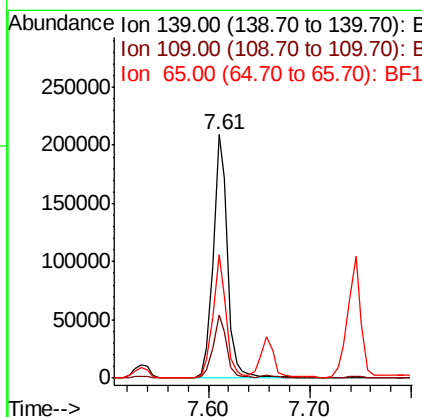
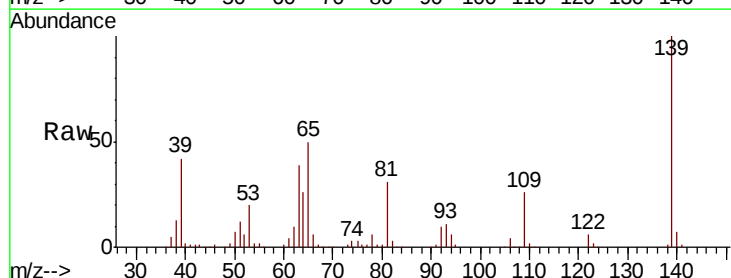
Instrument :
BNA_N
ClientSampleId :

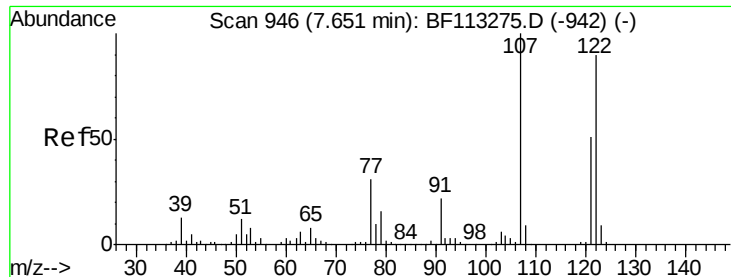
Tot Ion: 82 Resp: 724128
Ion Ratio Lower Upper
82 100
95 6.4 5.5 8.3
138 17.9 15.2 22.8



#26
2-Nitrophenol
Concen: 41.140 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion: 139 Resp: 206817
Ion Ratio Lower Upper
139 100
109 26.0 21.7 32.5
65 50.5 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 48.517 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampled :

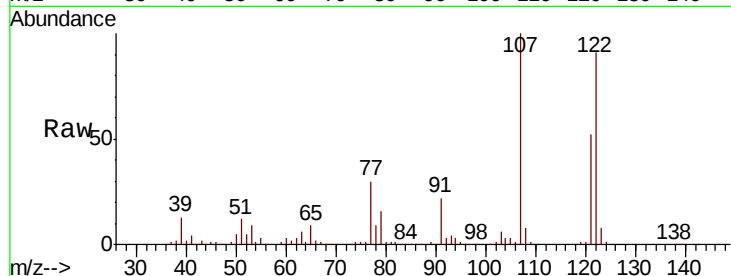
Tot Ion:122 Resp: 350855

Ion Ratio Lower Upper

122 100

107 109.8 88.8 133.2

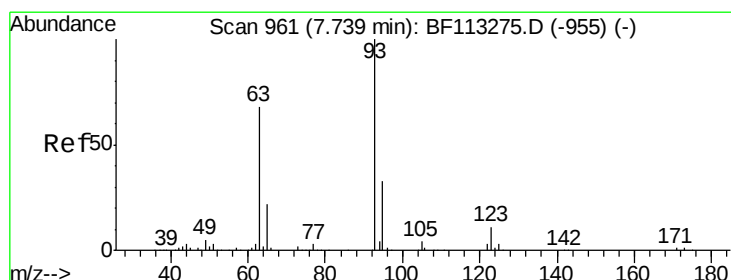
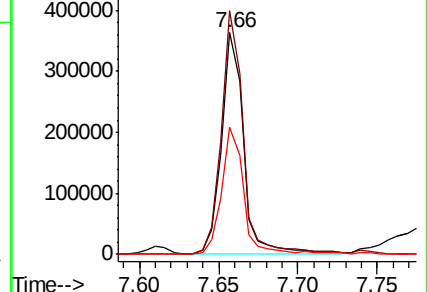
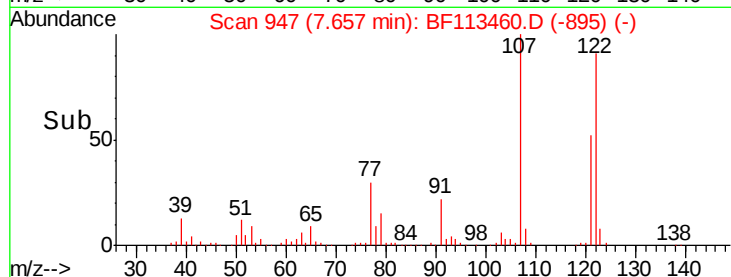
121 57.5 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.753 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

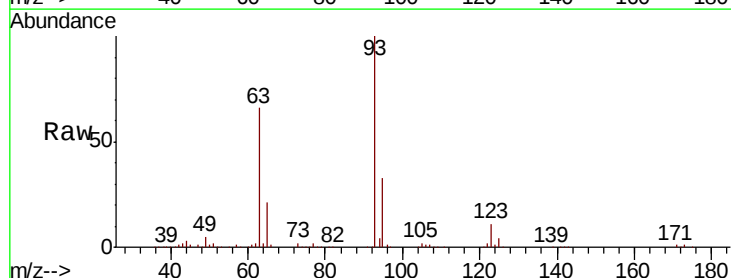
Tgt Ion: 93 Resp: 464424

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

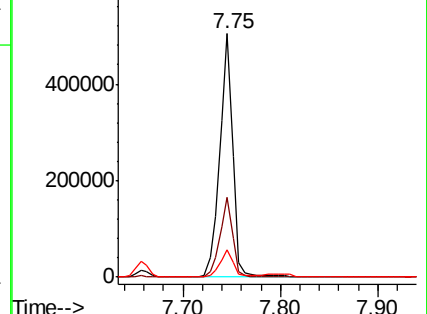
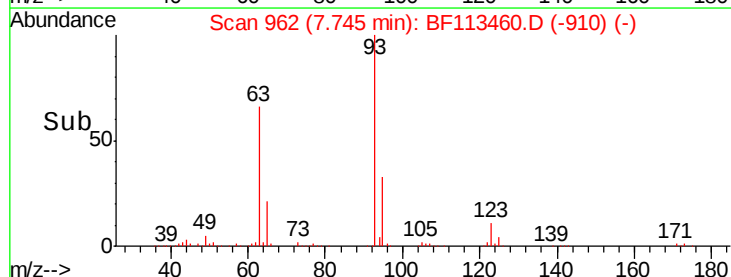
123 11.4 9.1 13.7

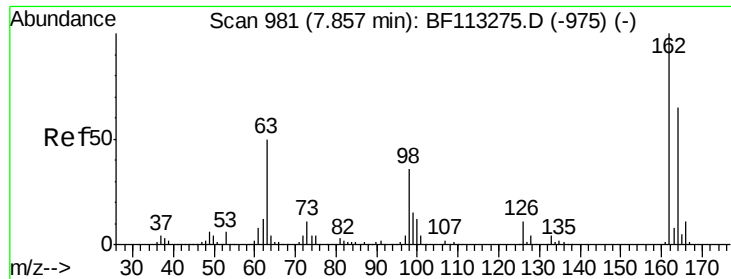


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

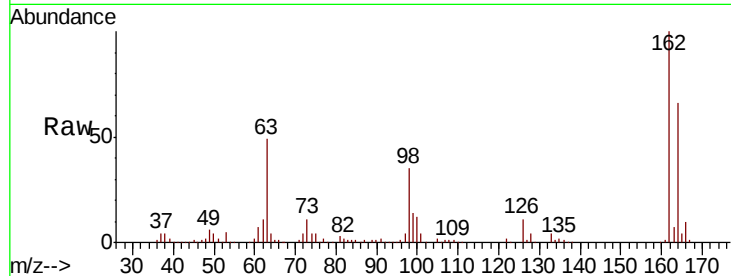




#29
 2,4-Dichlorophenol
 Concen: 43.520 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.6	84.6
98	35.4	15.6	55.6

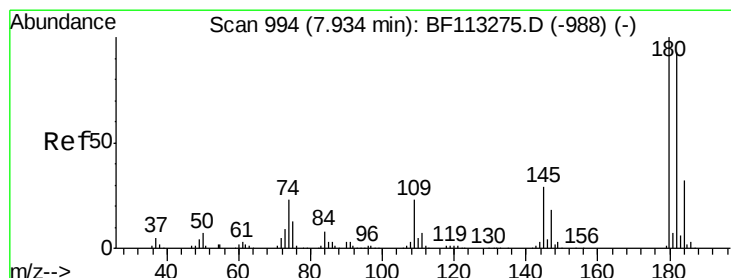
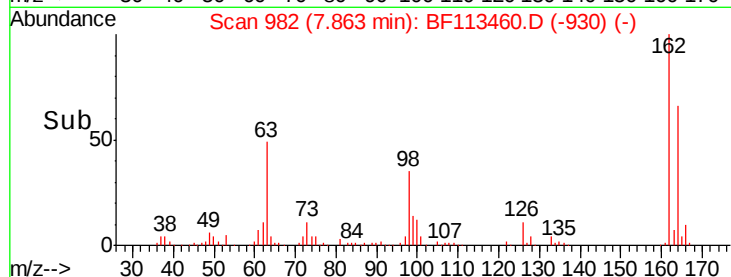
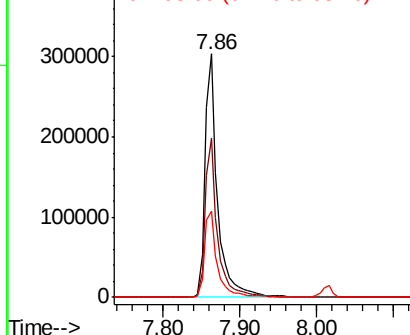


Abundance

Ion 162.00 (161.70 to 162.70): E

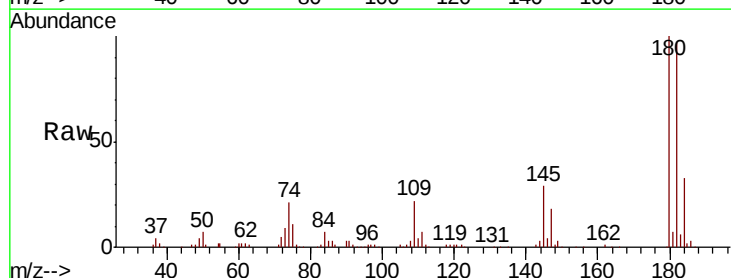
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.137 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.6	111.8
145	28.8	23.4	35.0

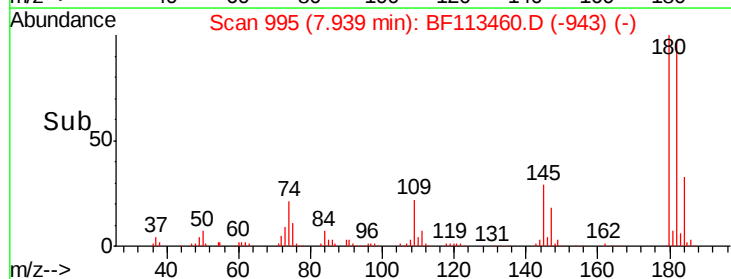
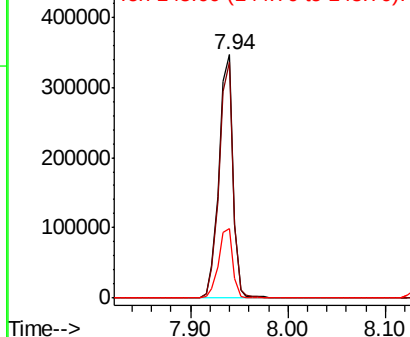


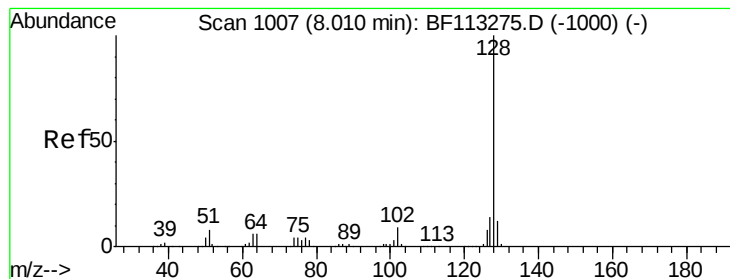
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.617 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

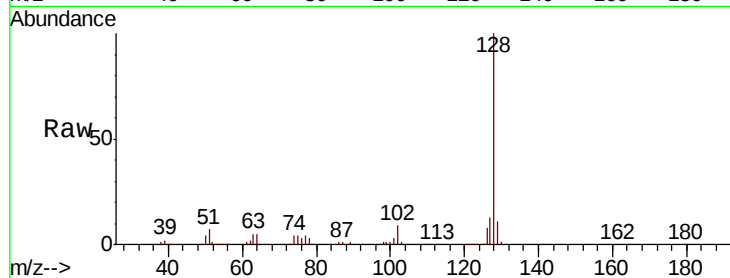
Tot Ion:128 Resp: 1100187

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

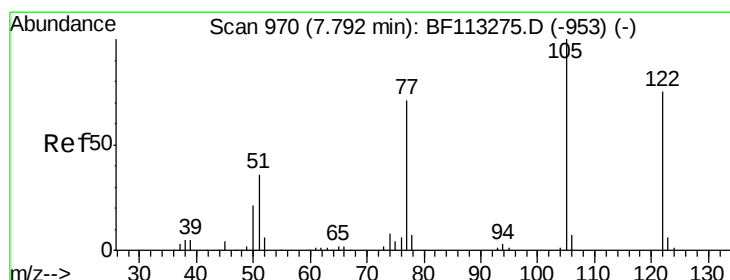
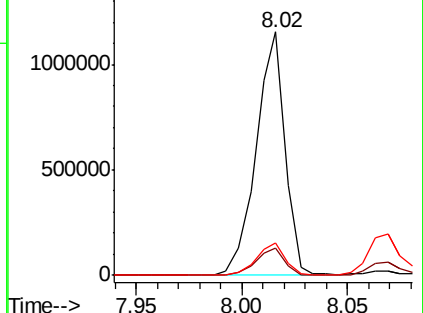
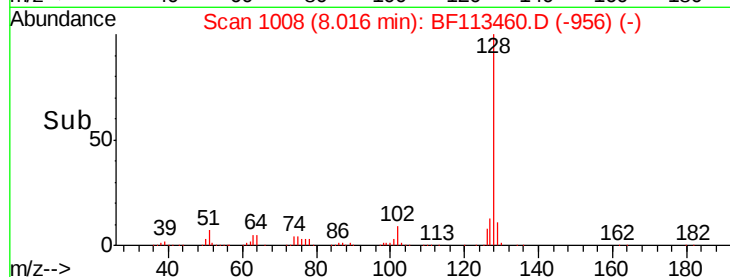
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.326 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

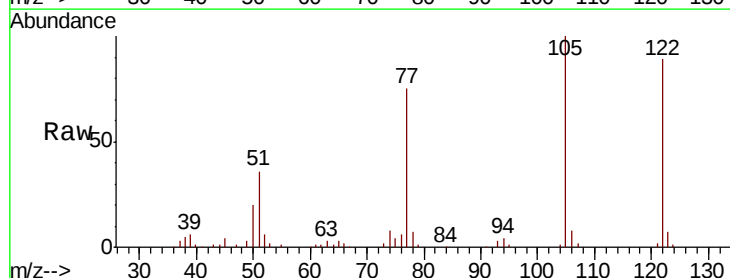
Tgt Ion:122 Resp: 217276

Ion Ratio Lower Upper

122 100

105 112.9 100.4 140.4

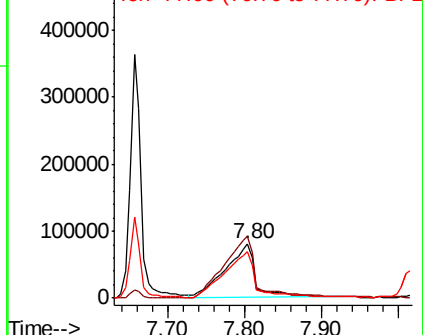
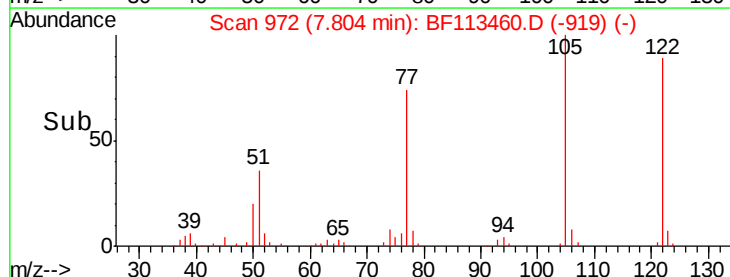
77 85.1 69.0 109.0

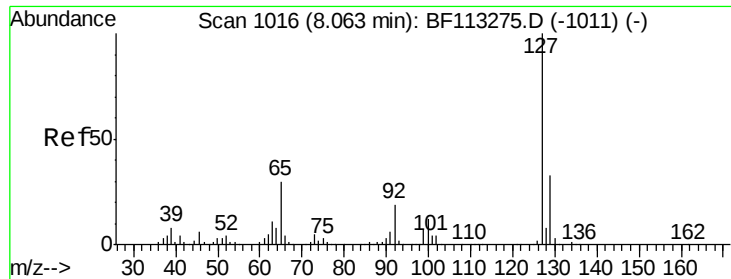


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

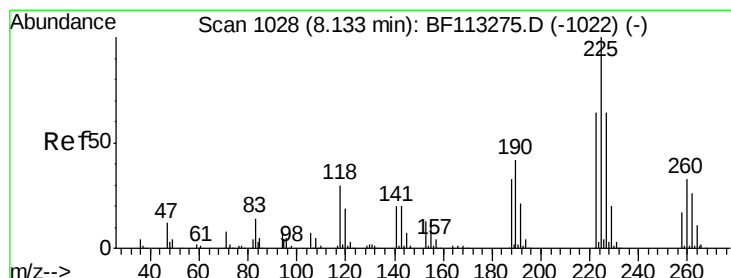
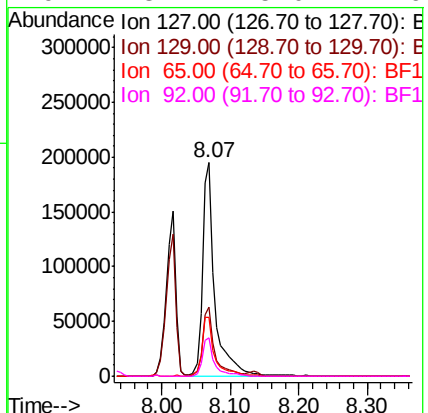
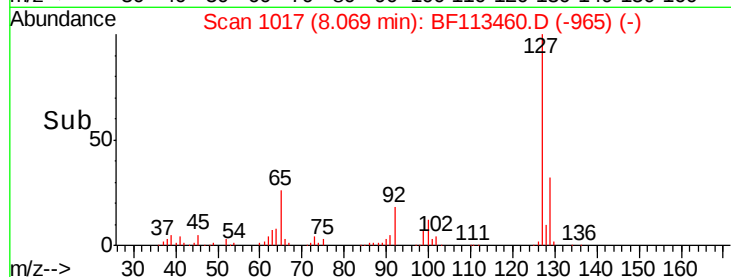
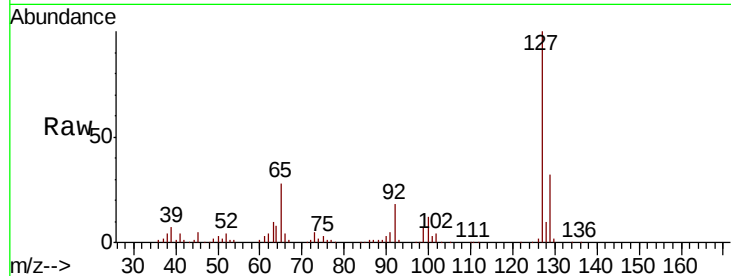




#33
4-Chloroaniline
Concen: 24.298 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

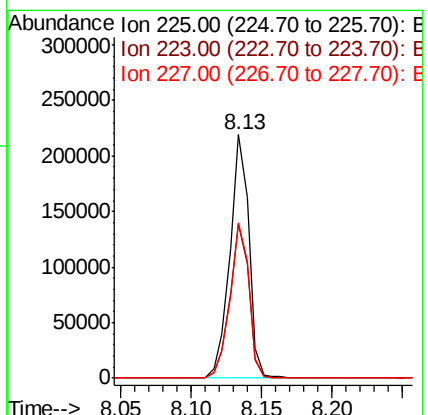
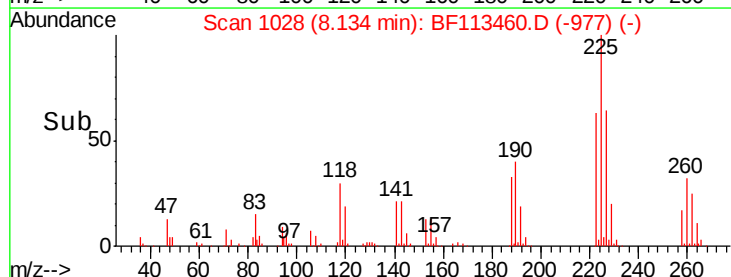
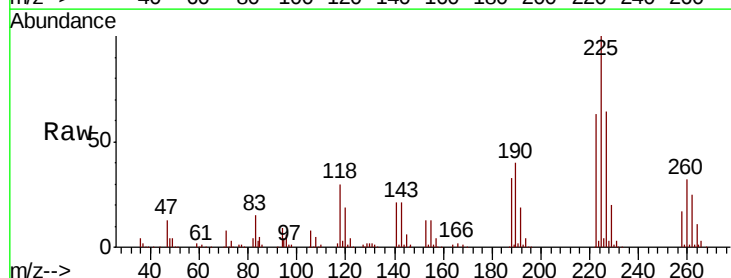
Instrument :
BNA_N
ClientSampleId :

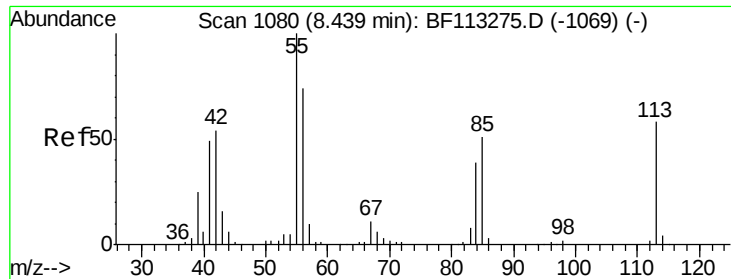
Tot Ion:	127	Resp:	250476
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.5	24.2	36.4
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.747 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:	225	Resp:	204763
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	63.5	51.1	76.7

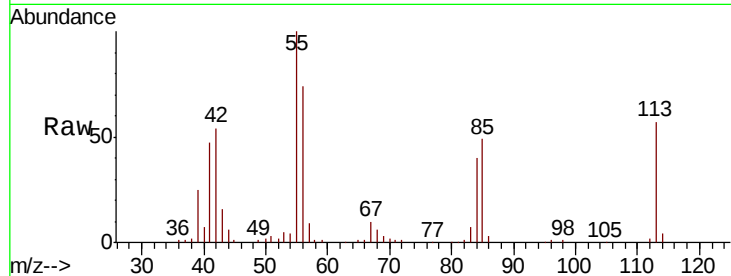




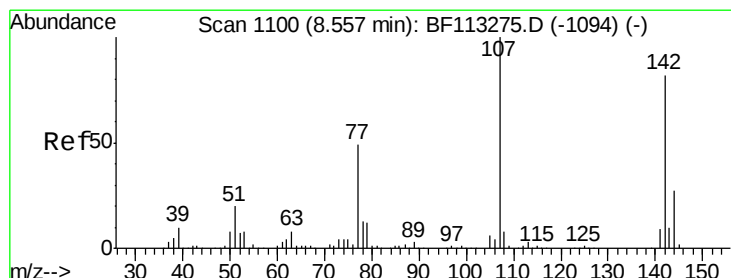
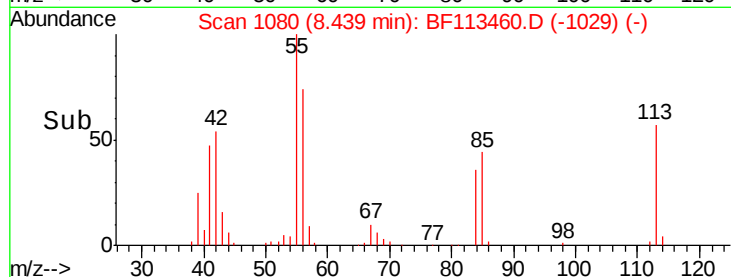
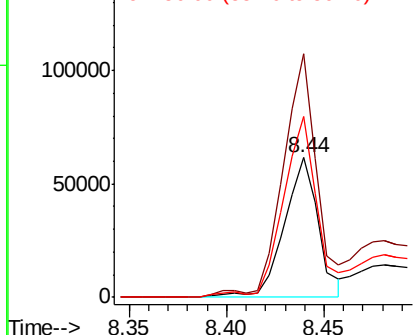
#35
 Caprolactam
 Concen: 29.453 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:113 Resp: 74078
 Ion Ratio Lower Upper
 113 100
 55 174.7 152.7 192.7
 56 129.7 108.3 148.3

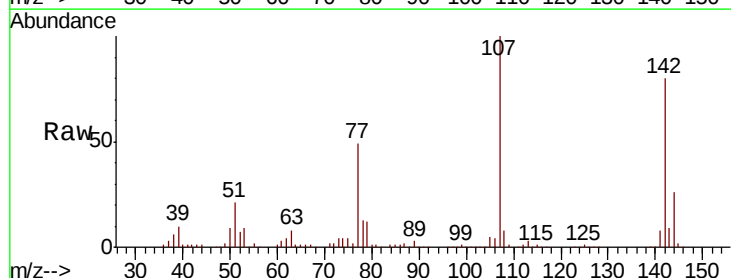


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

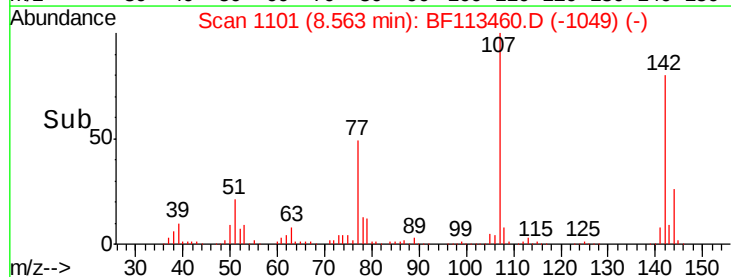
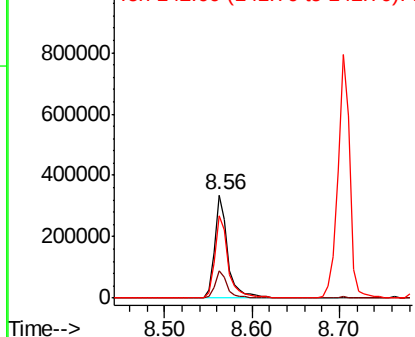


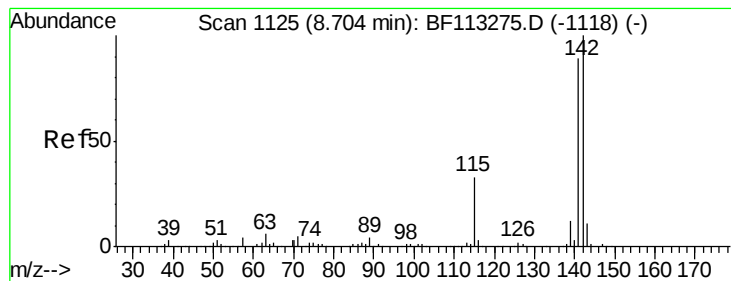
#36
 4-Chloro-3-methylphenol
 Concen: 44.394 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion:107 Resp: 349925
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.4 32.0
 142 79.5 65.6 98.4



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

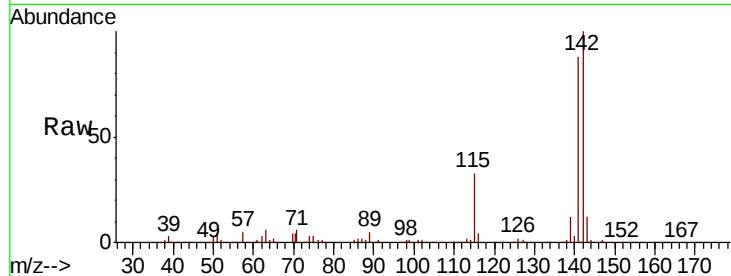




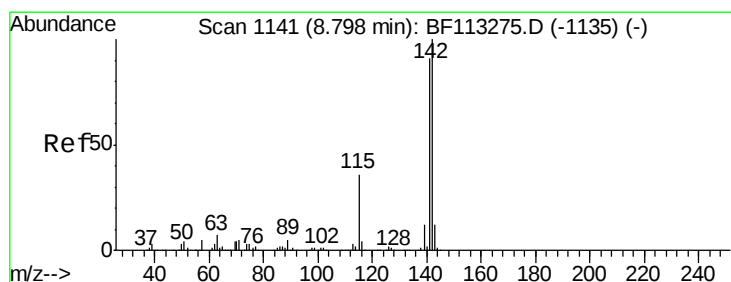
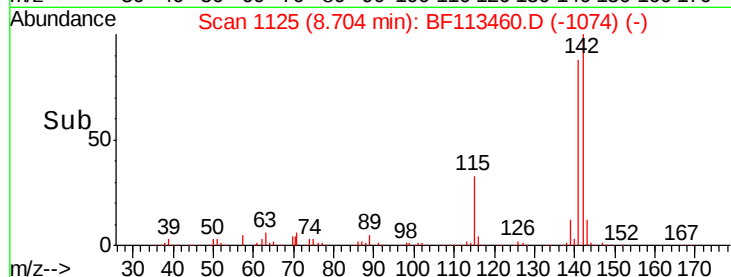
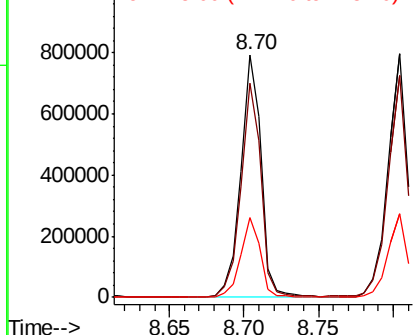
#37
2-Methylnaphthalene
Concen: 45.376 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampled :

Tot Ion:142 Resp: 748481
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.6
115 33.1 26.6 39.8

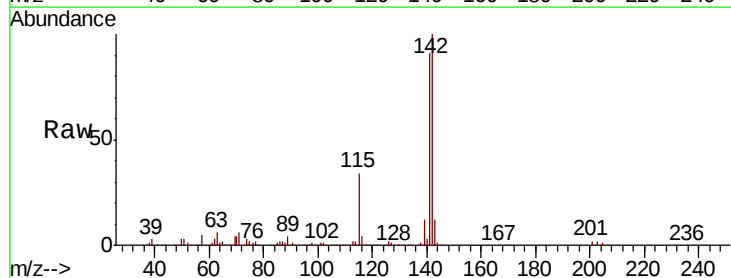


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

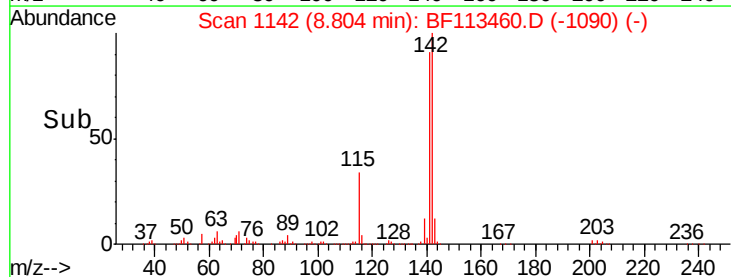
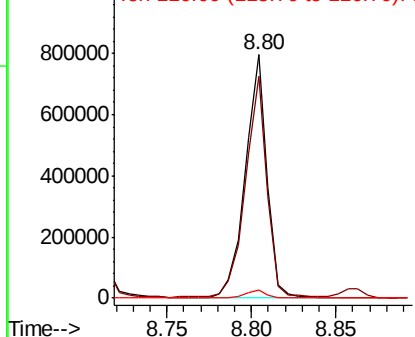


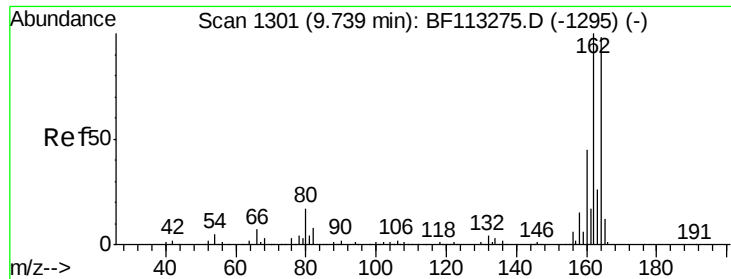
#38
1-Methylnaphthalene
Concen: 44.405 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:142 Resp: 704528
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8
116 3.6 3.0 4.4



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

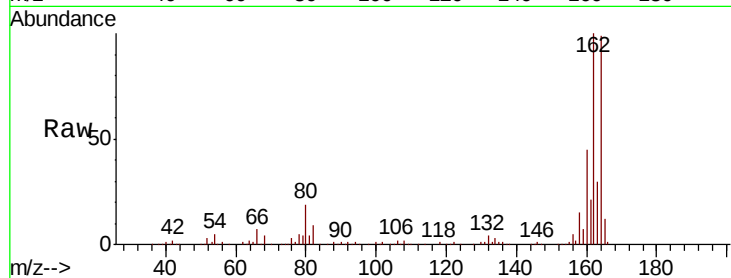




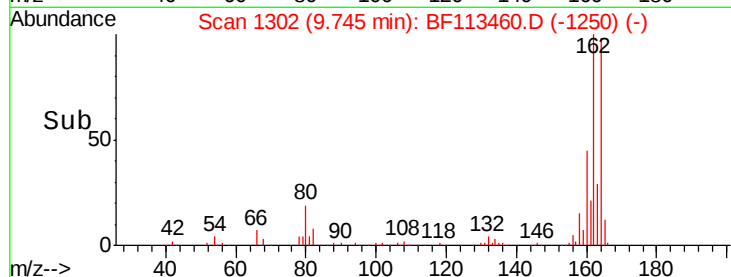
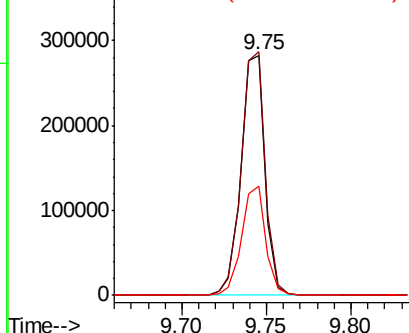
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:164 Resp: 278090
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.6
 160 45.8 36.4 54.6

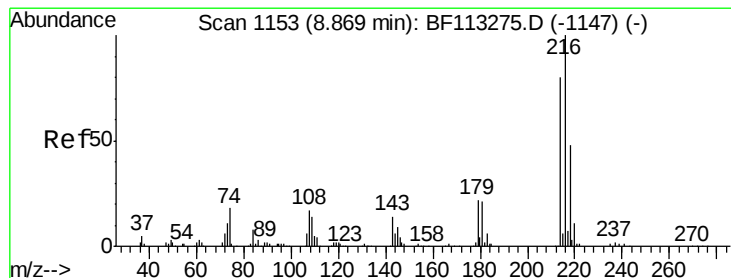


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

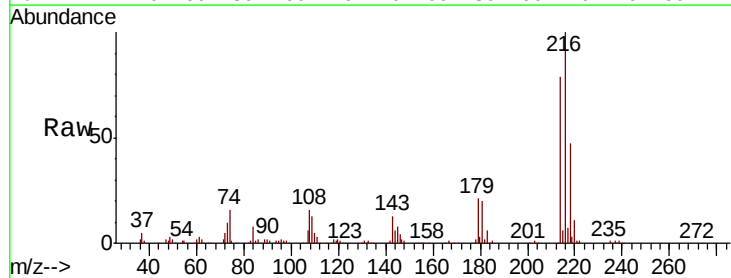
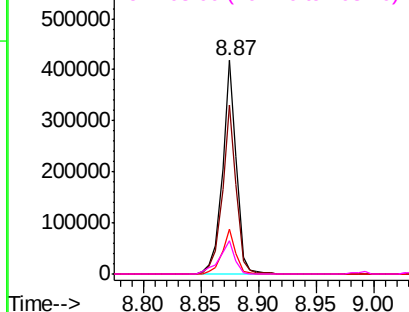


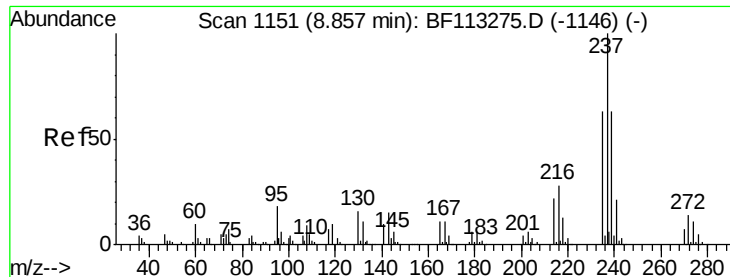
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.044 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion:216 Resp: 348532
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.0 94.6
 179 20.3 16.8 25.2
 108 17.8 13.8 20.6



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: 68.998 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

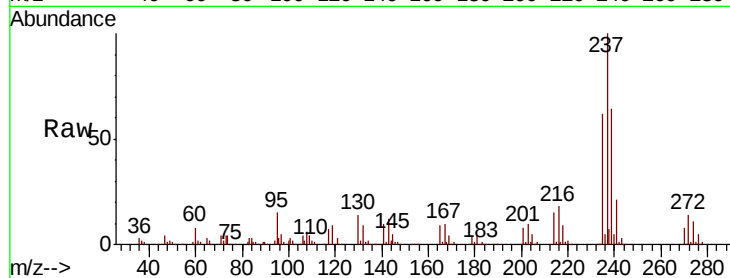
Tot Ion:237 Resp: 260705

Ion Ratio Lower Upper

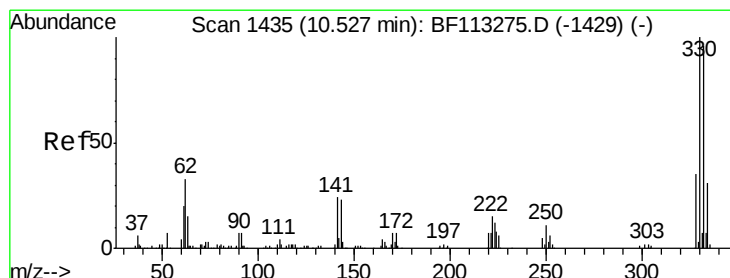
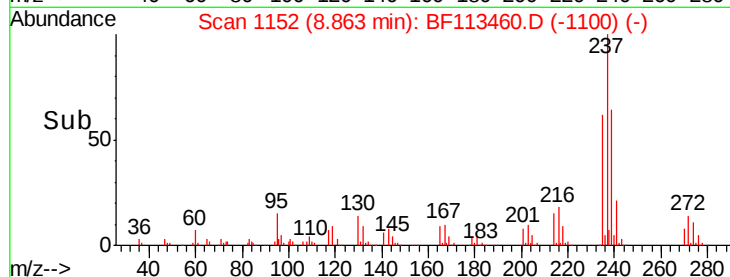
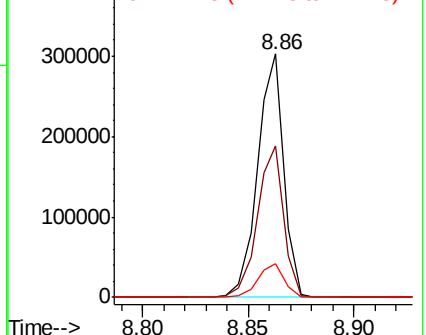
237 100

235 62.4 43.4 83.4

272 14.0 0.0 33.7



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: 129.813 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

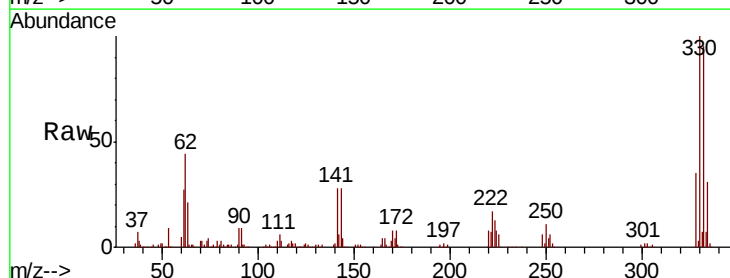
Tgt Ion:330 Resp: 445913

Ion Ratio Lower Upper

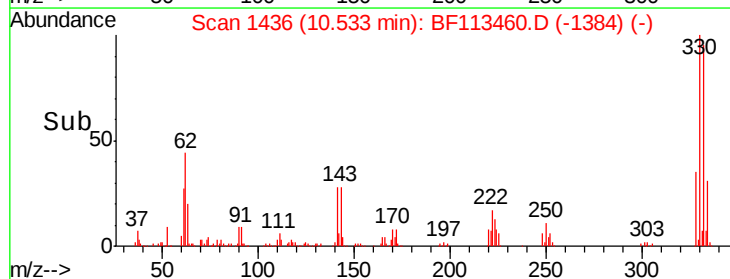
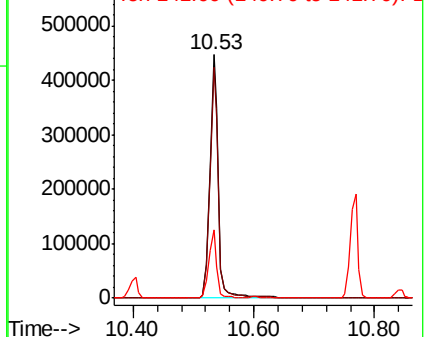
330 100

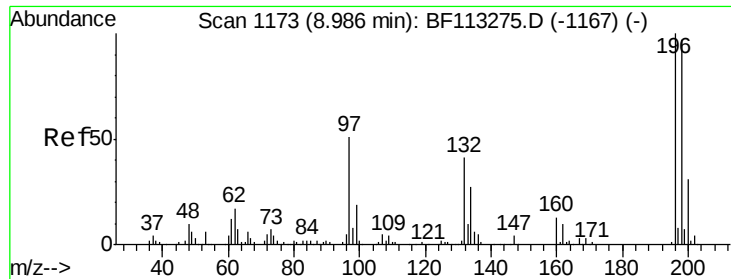
332 95.3 77.8 116.6

141 26.1 22.7 34.1



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

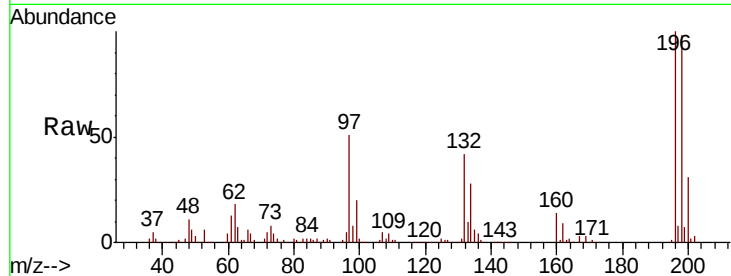




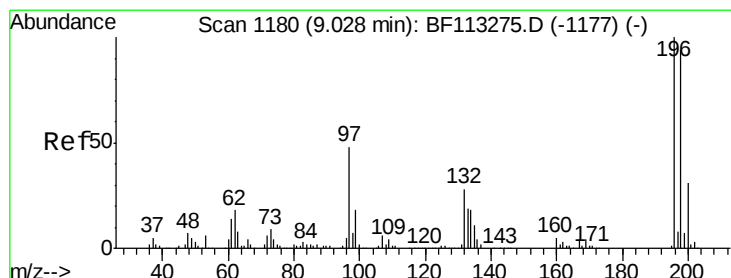
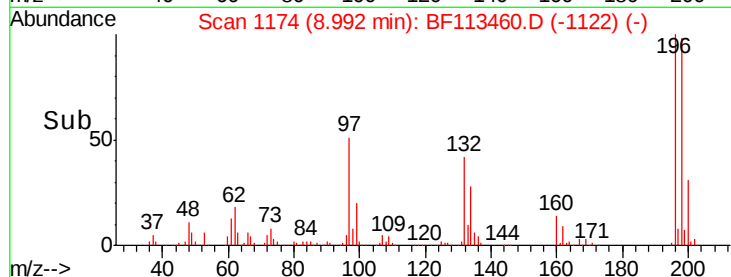
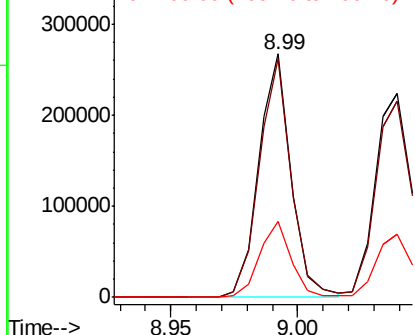
#43
 2,4,6-Trichlorophenol
 Concen: 40.848 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 237448
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.7 116.5
 200 31.0 24.9 37.3



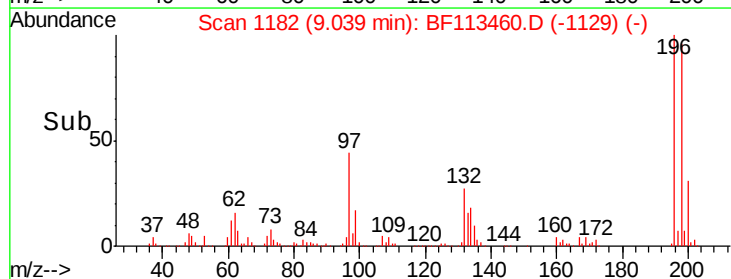
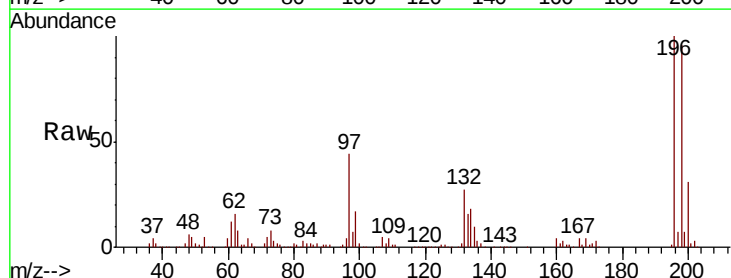
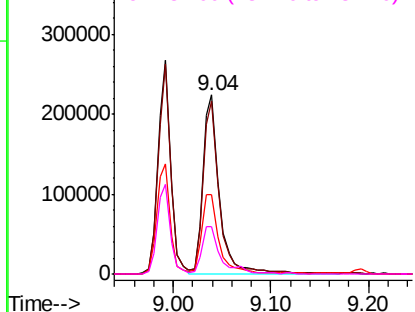
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

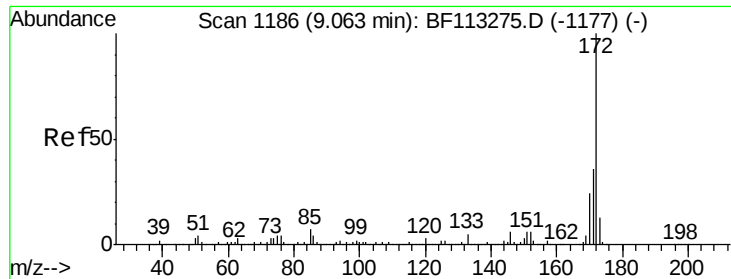


#44
 2,4,5-Trichlorophenol
 Concen: 40.681 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion:196 Resp: 261707
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.2
 97 44.3 38.6 58.0
 132 26.7 22.9 34.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

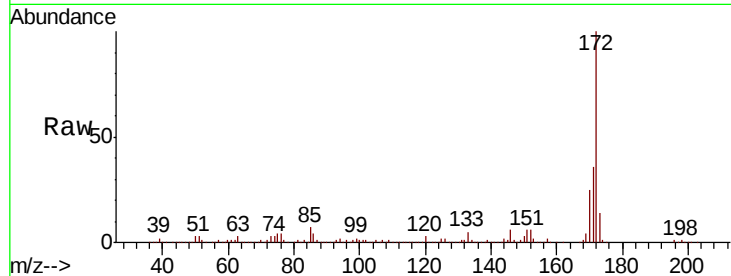




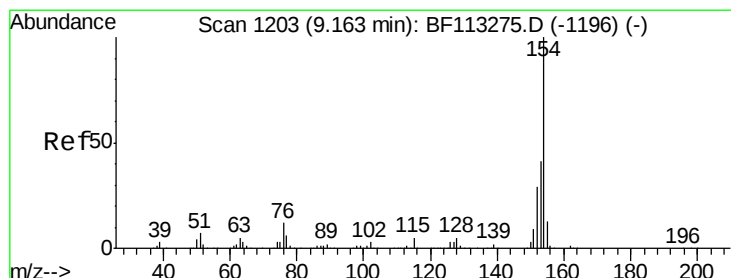
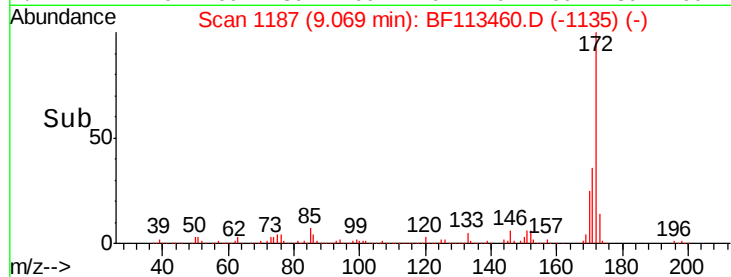
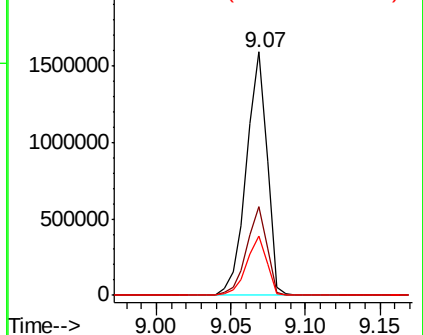
#45
2-Fluorobiphenyl
Concen: 86.551 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 1529932
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.6 19.5 29.3

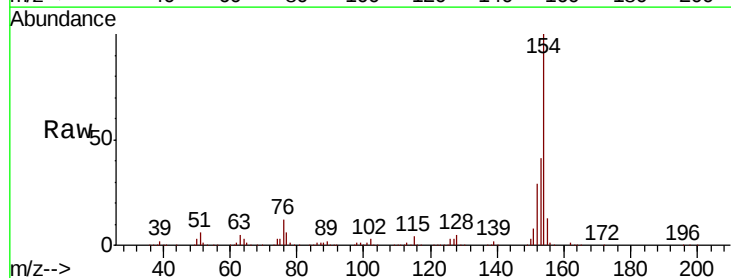


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

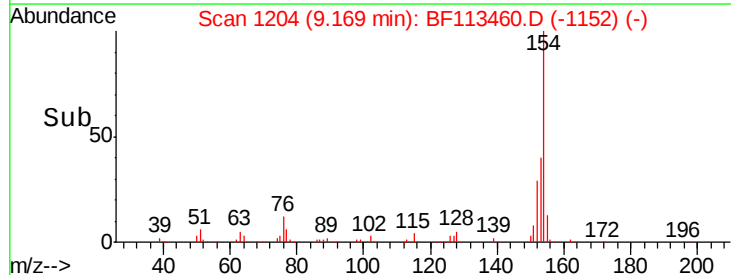
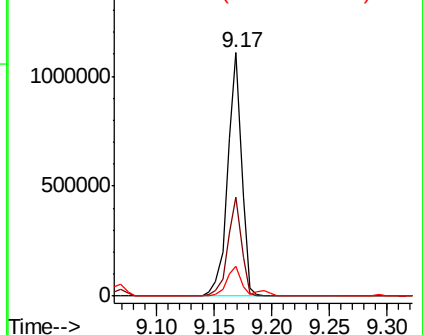


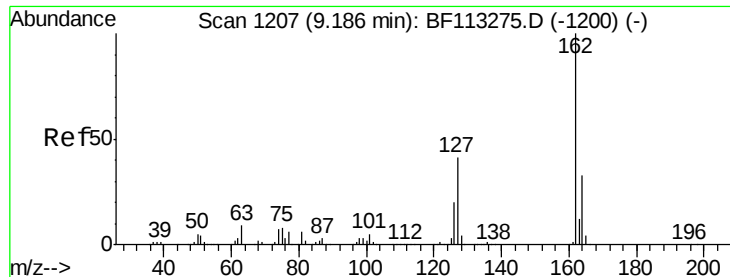
#46
1,1'-Biphenyl
Concen: 39.931 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:154 Resp: 927424
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.2 0.0 31.9



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

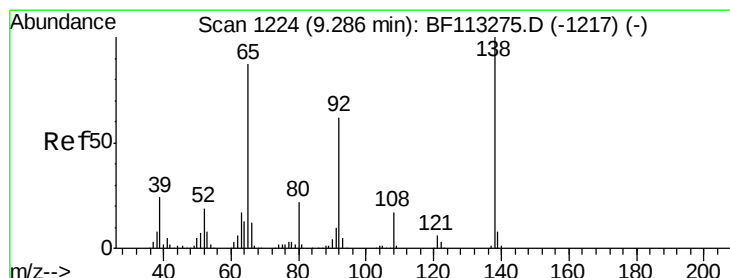
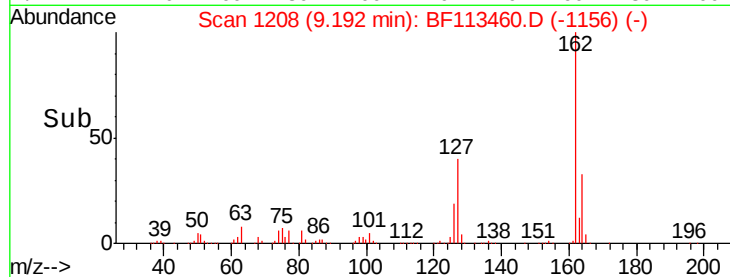
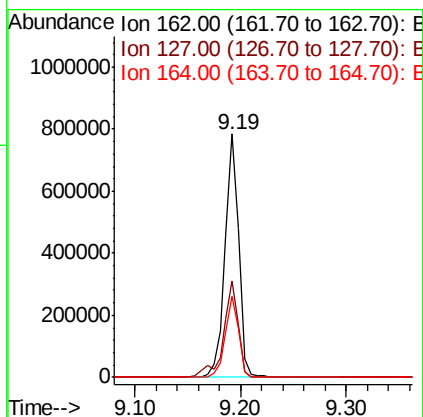
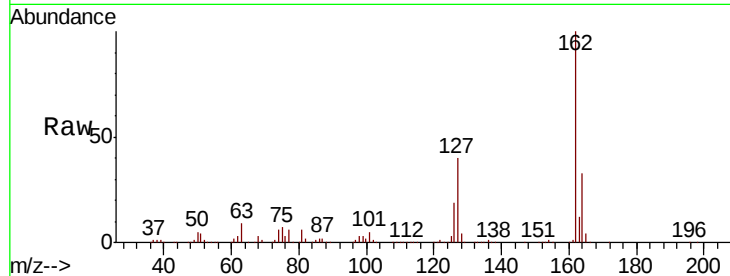




#47
 2-Chloronaphthalene
 Concen: 39.653 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

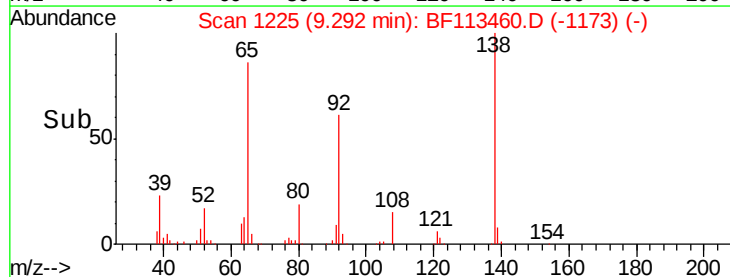
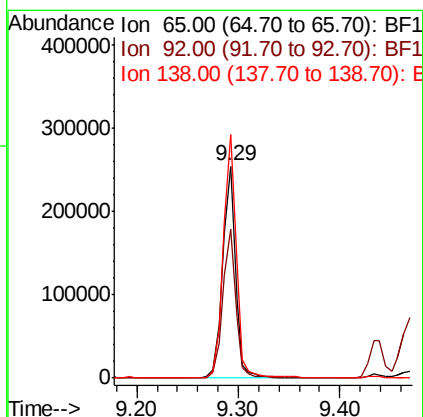
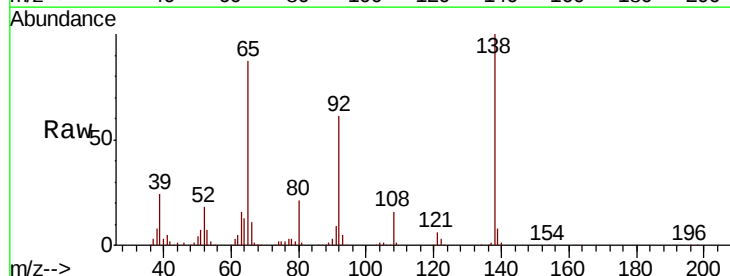
Instrument :
 BNA_N
 ClientSampleId :

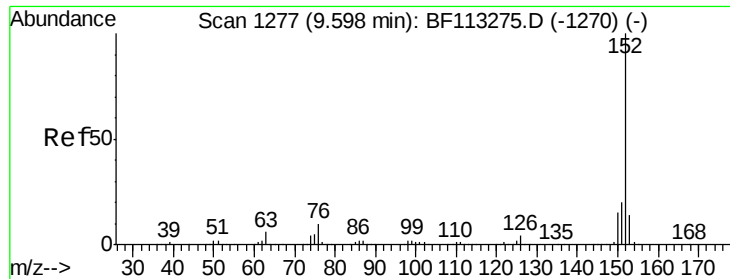
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	49.0
164	33.3	26.6	39.8



#48
 2-Nitroaniline
 Concen: 40.120 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	56.8	85.2
138	114.9	92.3	138.5





#49

Acenaphthylene

Concen: 39.948 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

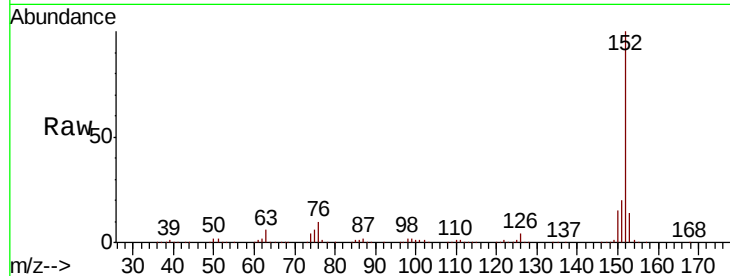
Tot Ion:152 Resp: 1155089

Ion Ratio Lower Upper

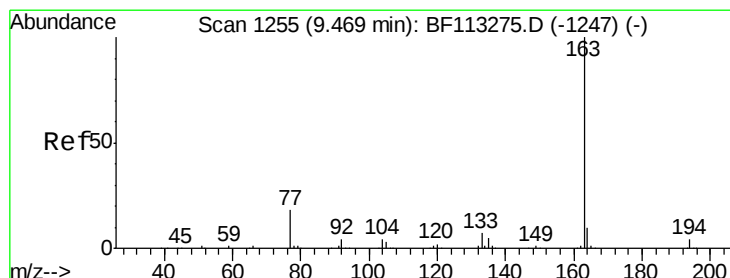
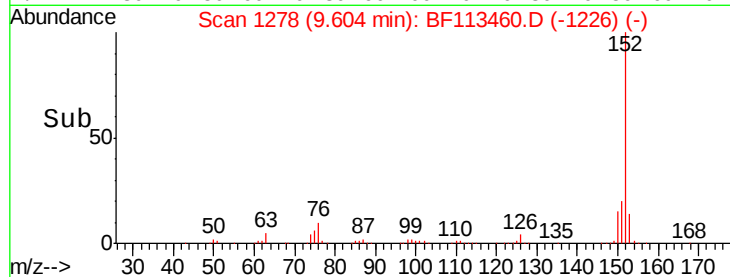
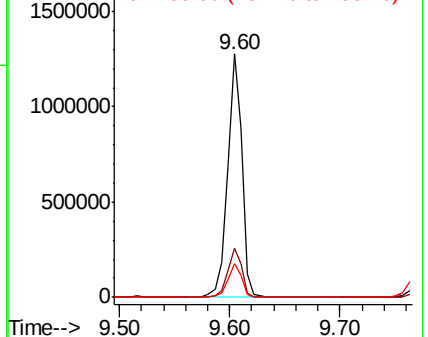
152 100

151 20.3 16.2 24.4

153 13.6 11.0 16.6



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



#50

Dimethylphthalate

Concen: 41.999 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

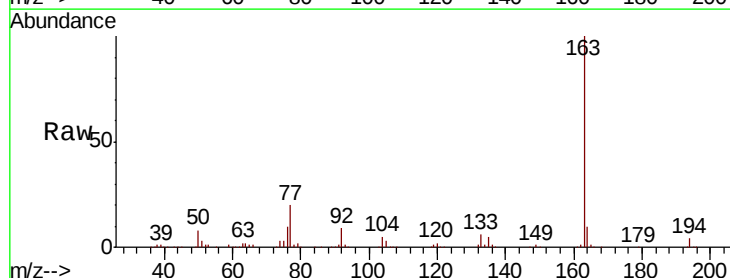
Tgt Ion:163 Resp: 865536

Ion Ratio Lower Upper

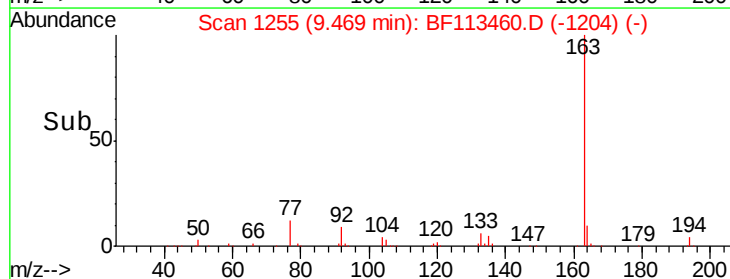
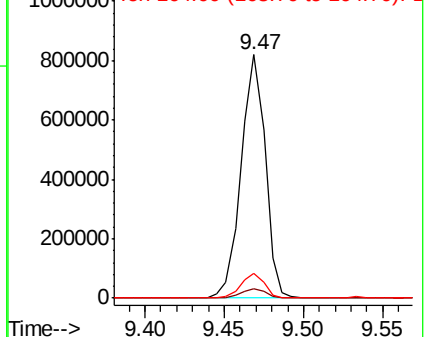
163 100

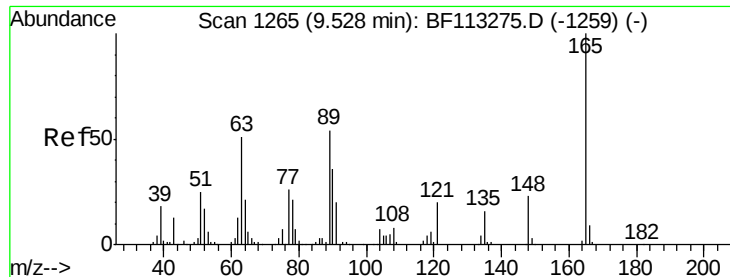
194 4.0 3.0 4.6

164 10.3 8.1 12.1



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

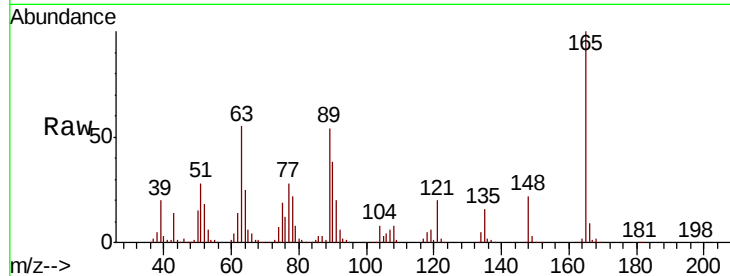




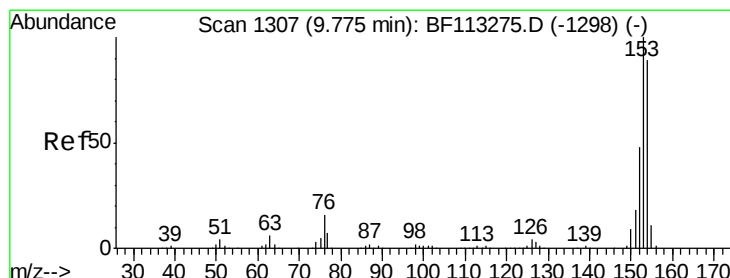
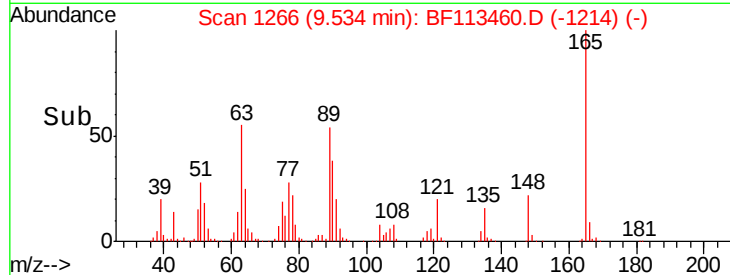
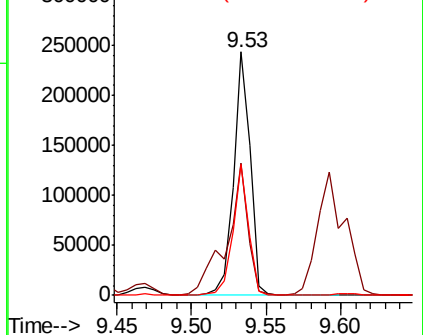
#51
2,6-Dinitrotoluene
Concen: 41.378 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 192377
Ion Ratio Lower Upper
165 100
63 54.6 43.4 65.0
89 54.0 43.1 64.7

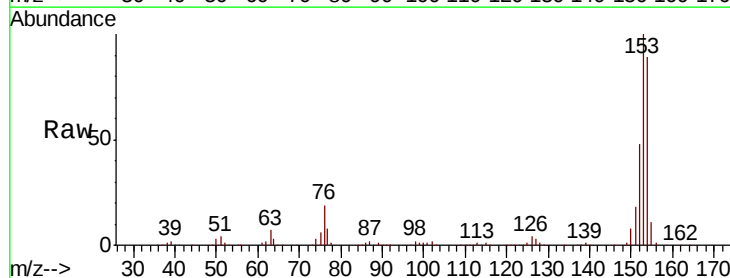


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

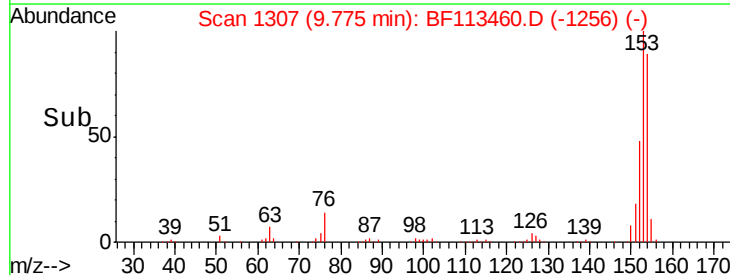
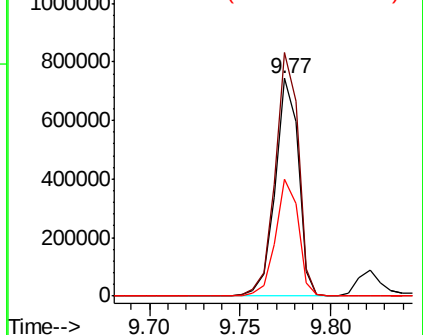


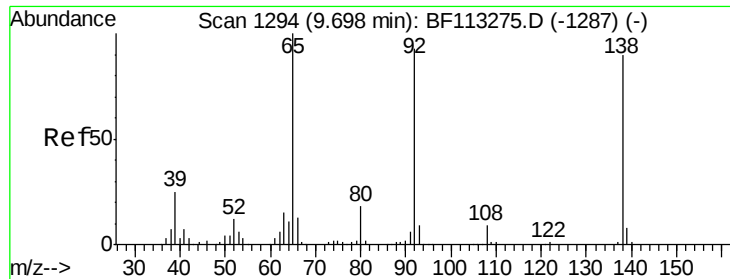
#52
Acenaphthene
Concen: 40.593 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:154 Resp: 660996
Ion Ratio Lower Upper
154 100
153 112.0 89.5 134.3
152 53.5 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

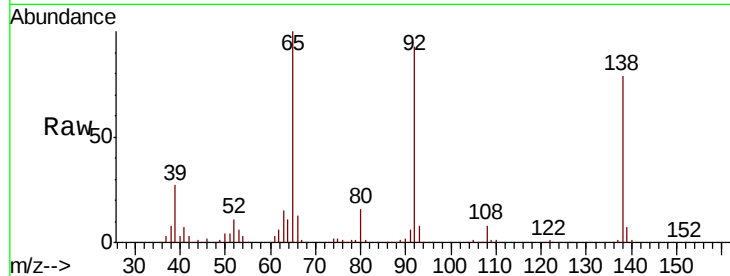




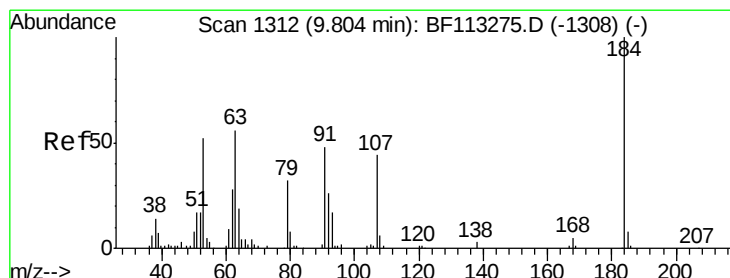
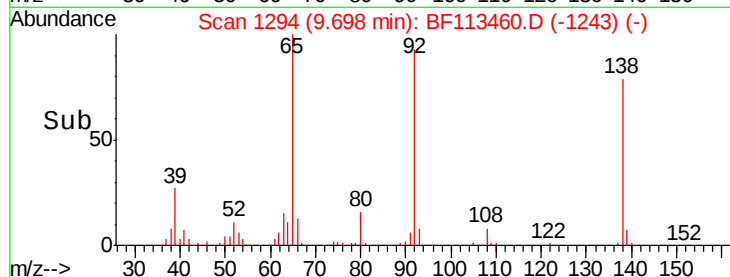
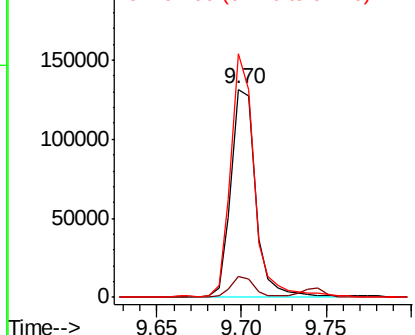
#53
3-Nitroaniline
Concen: 25.607 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 134259
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 117.2 82.6 124.0

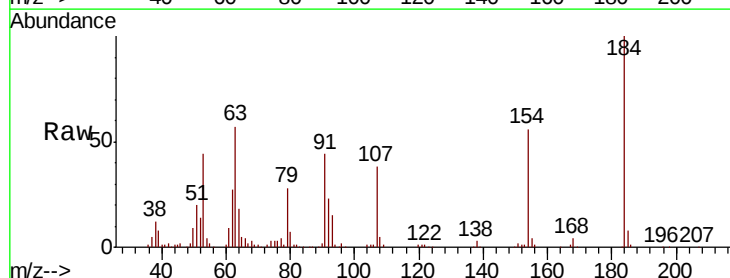


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

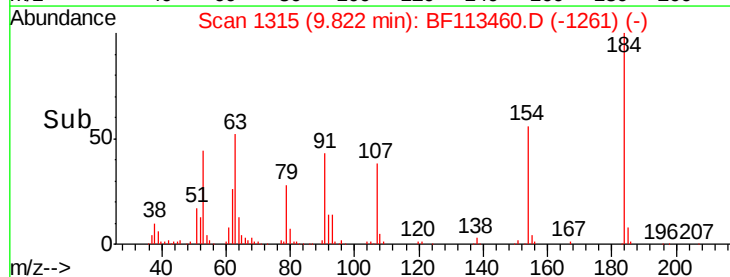
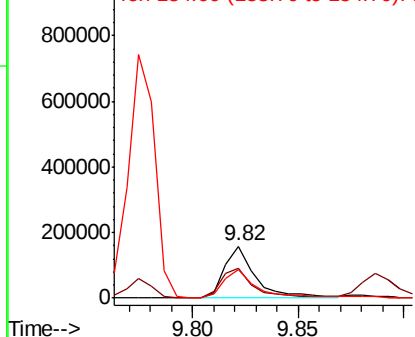


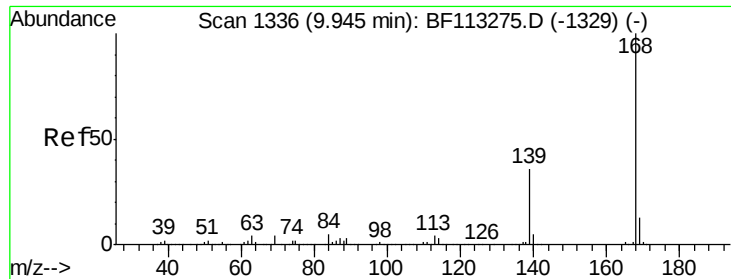
#54
2,4-Dinitrophenol
Concen: 71.975 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:184 Resp: 166433
Ion Ratio Lower Upper
184 100
63 57.5 54.3 81.5
154 55.6 48.4 72.6



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

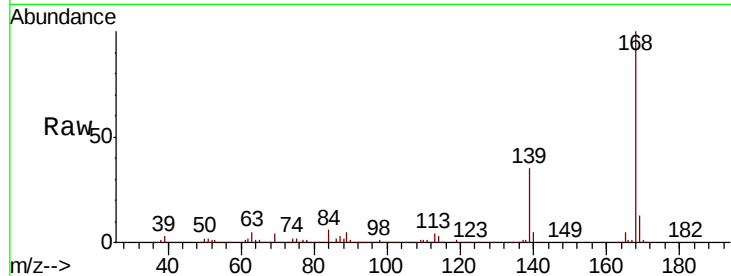




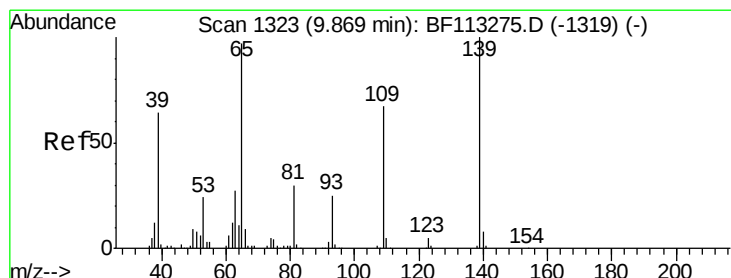
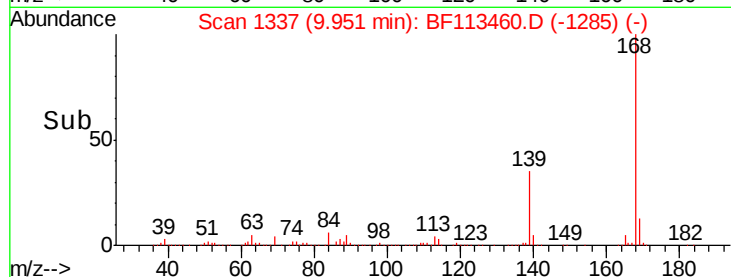
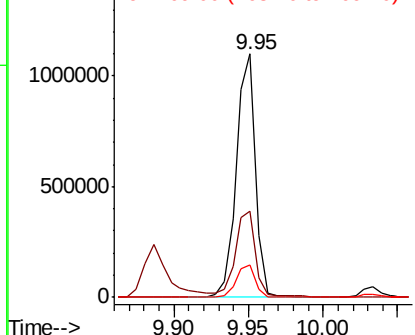
#55
Dibenzofuran
Concen: 40.384 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampled :

Tot Ion:168 Resp: 988579
Ion Ratio Lower Upper
168 100
139 35.4 29.7 44.5
169 13.3 10.7 16.1

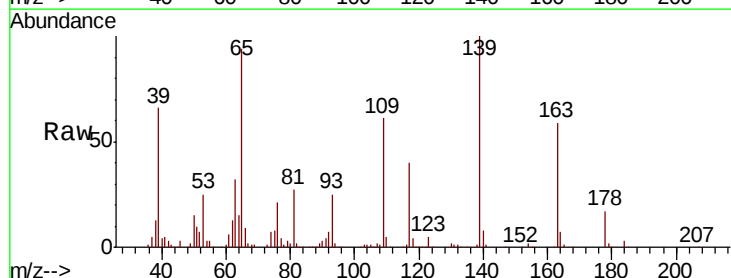


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

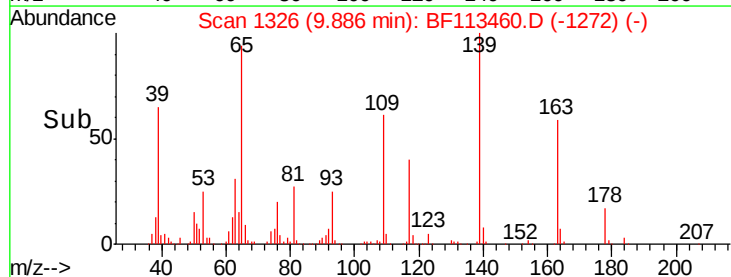
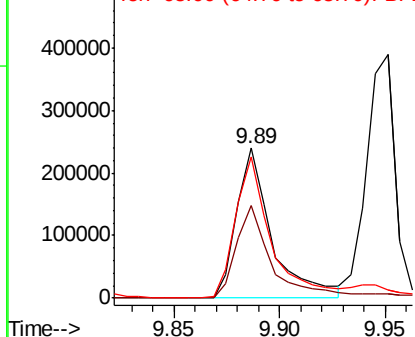


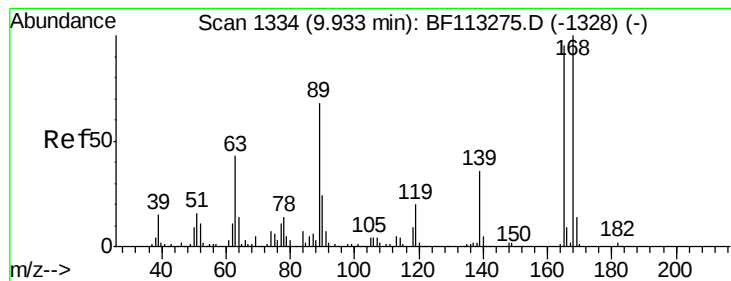
#56
4-Nitrophenol
Concen: 74.159 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:139 Resp: 277202
Ion Ratio Lower Upper
139 100
109 61.4 46.9 86.9
65 94.0 77.2 117.2



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

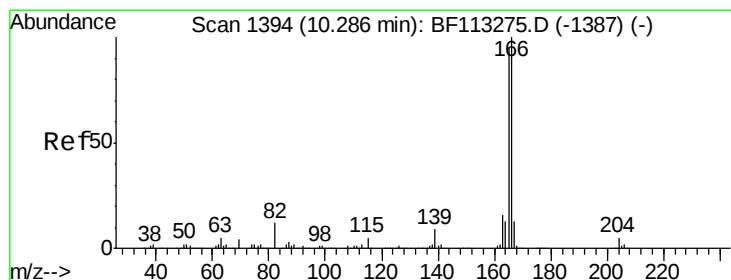
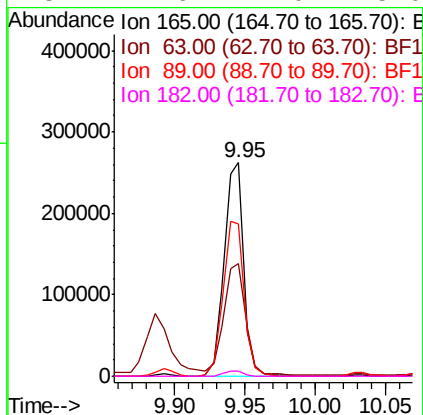
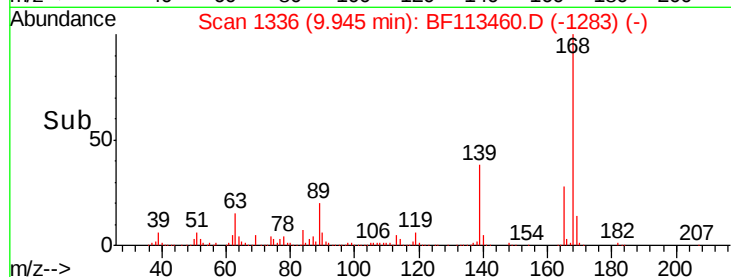
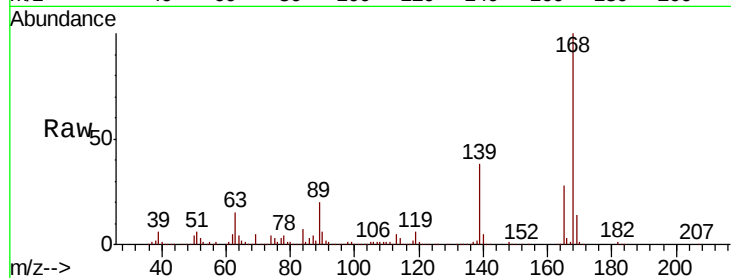




#57
 2,4-Dinitrotoluene
 Concen: 42.596 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

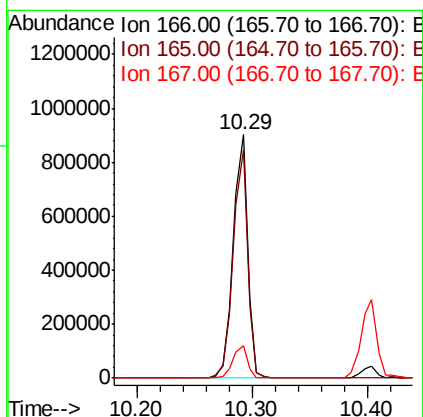
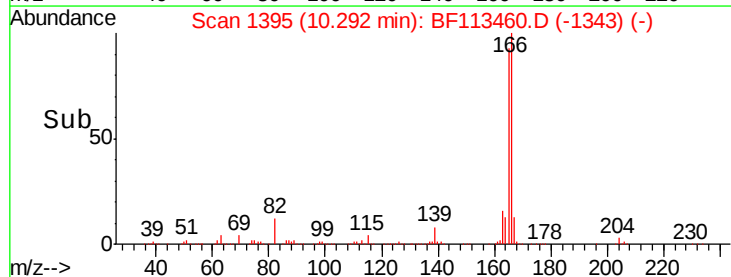
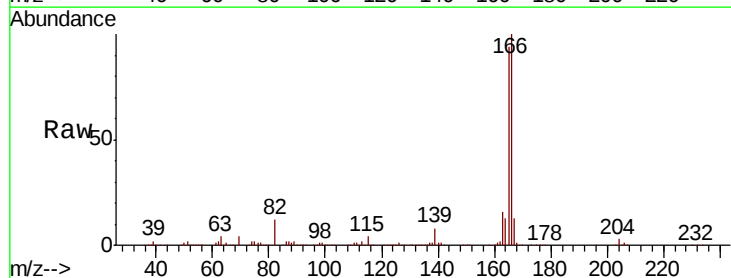
Instrument :
 BNA_N
 ClientSampleId :

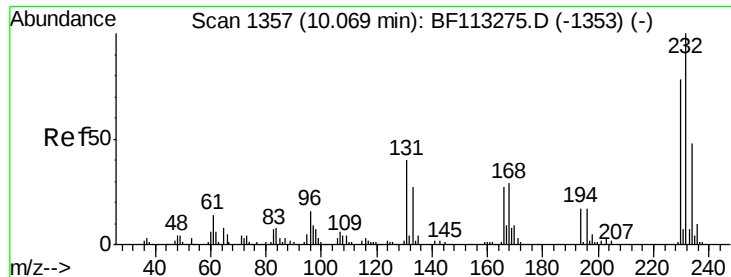
Tot Ion:165	Resp:	251850
Ion Ratio	Lower	Upper
165	100	
63	53.0	37.5 56.3
89	71.6	57.4 86.2
182	2.6	2.0 3.0



#58
 Fluorene
 Concen: 41.400 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion:166	Resp:	787288
Ion Ratio	Lower	Upper
166	100	
165	93.5	76.2 114.2
167	13.4	10.7 16.1

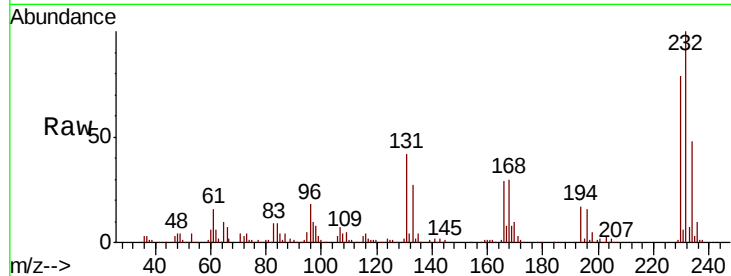




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.903 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.2	49.8
130	1.8	1.6	2.4
166	27.9	21.0	31.6



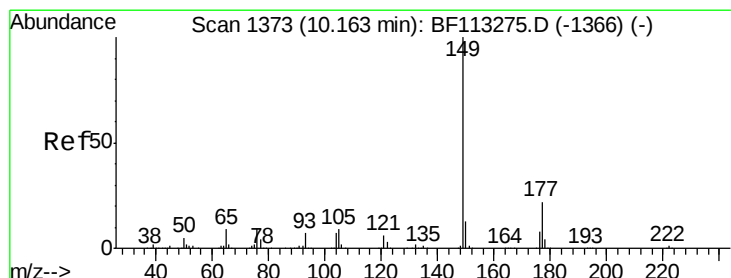
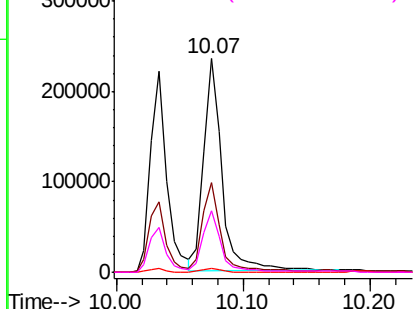
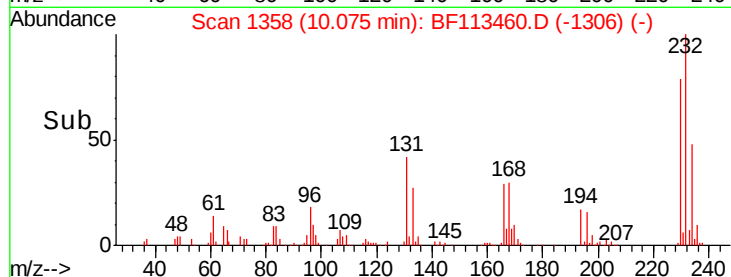
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

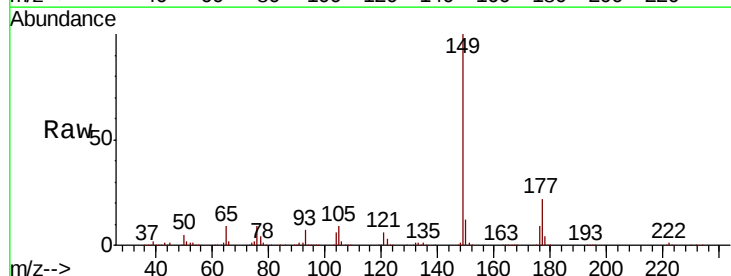
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.496 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.0
150	12.4	10.0	15.0

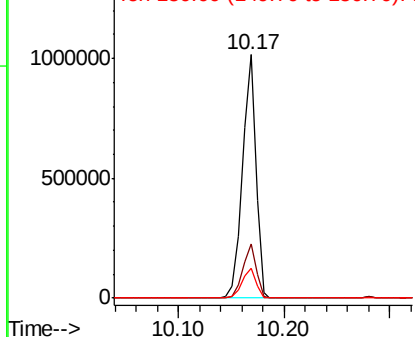
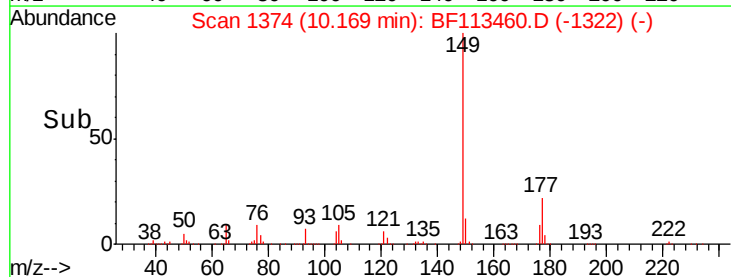


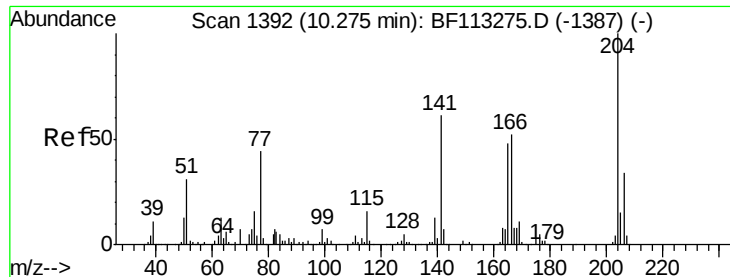
Abundance

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

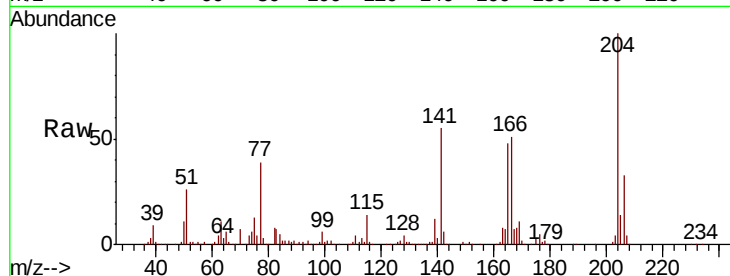




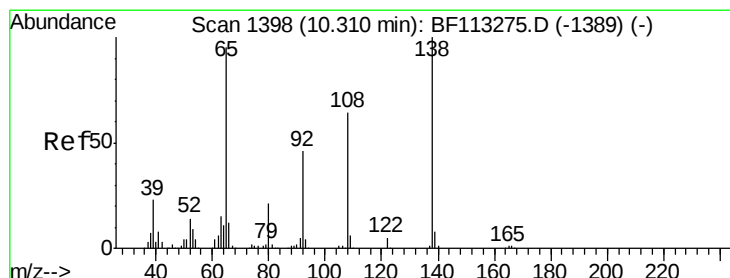
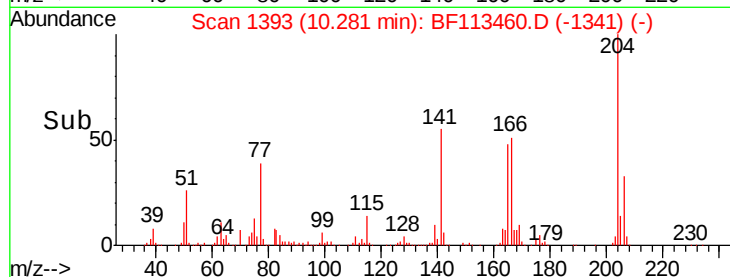
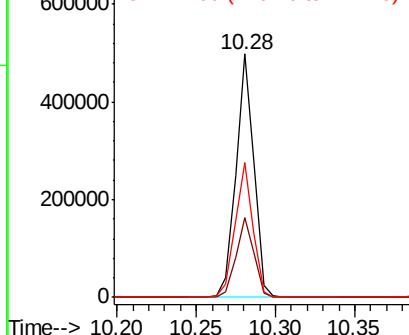
#61
4-Chlorophenyl-phenylether
Concen: 42.325 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampled :

Tot Ion:204 Resp: 392285
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 55.2 48.8 73.2

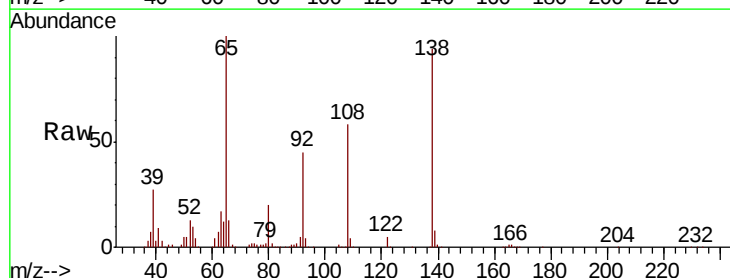


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

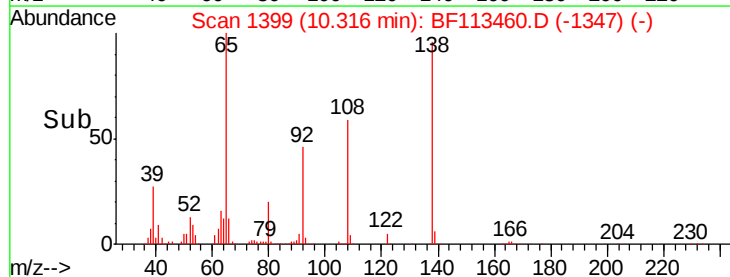
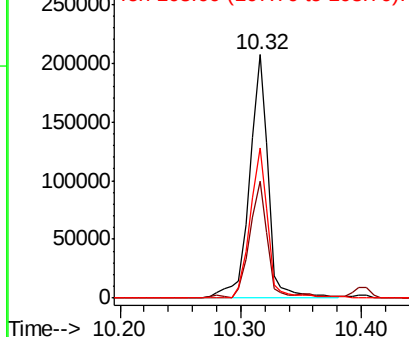


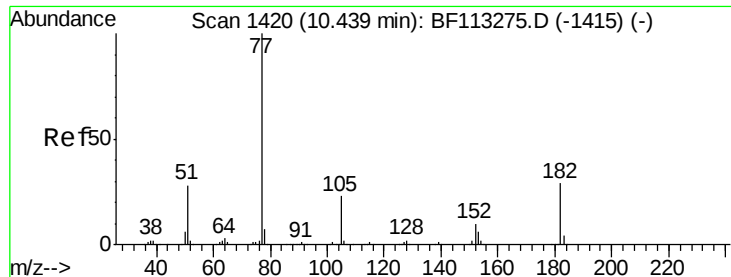
#62
4-Nitroaniline
Concen: 41.307 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:138 Resp: 222985
Ion Ratio Lower Upper
138 100
92 47.9 25.8 65.8
108 61.6 44.0 84.0



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: 41.540 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampled :

Tot Ion: 77 Resp: 790542

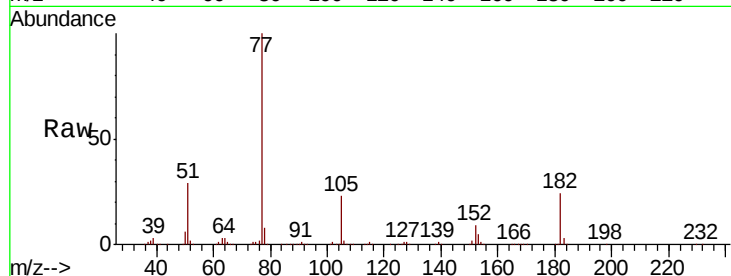
Ion Ratio Lower Upper

77 100

182 24.5 8.7 48.7

105 22.6 2.9 42.9

51 29.3 8.8 48.8

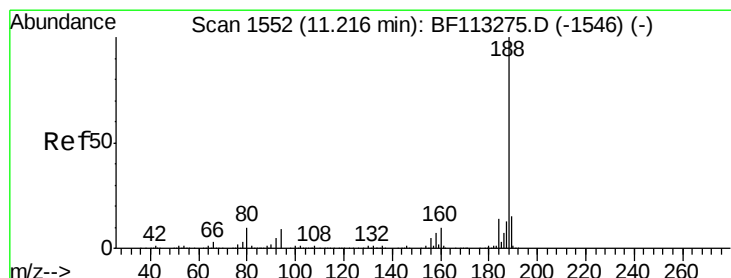
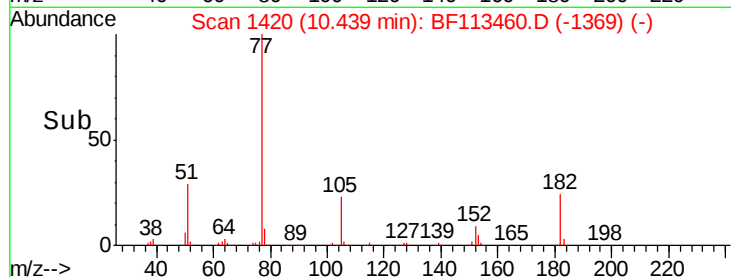
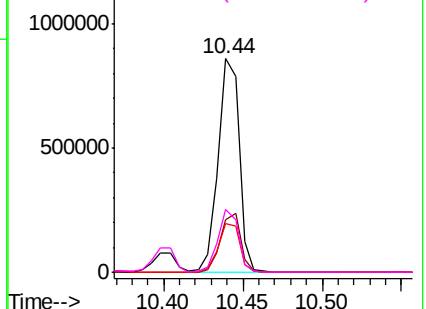


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

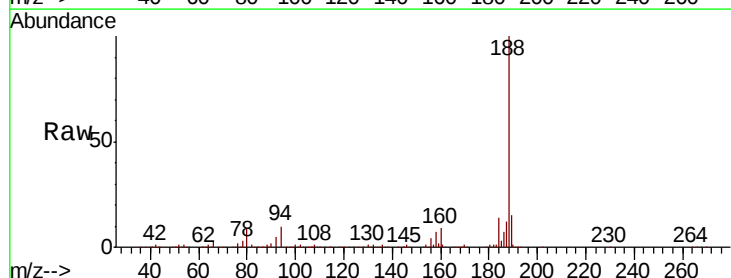
Tgt Ion: 188 Resp: 608292

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

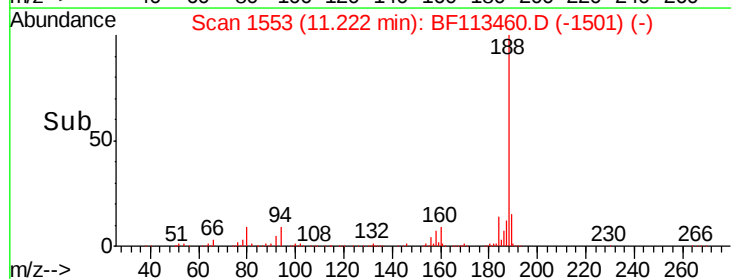
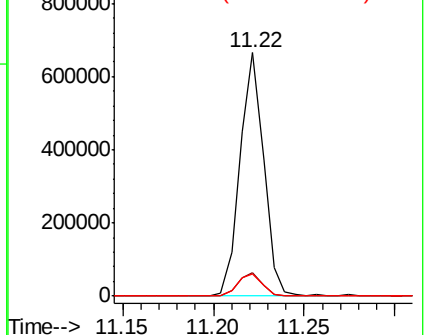
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

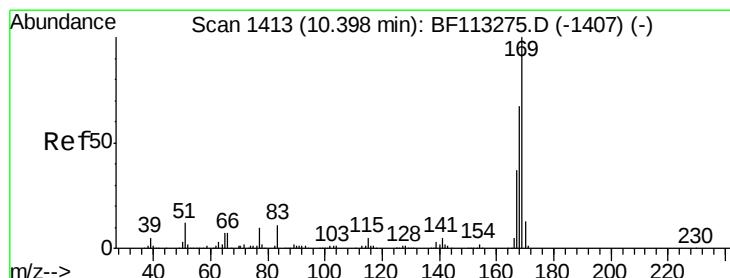
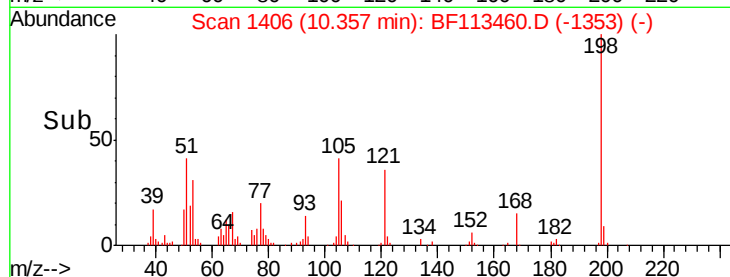
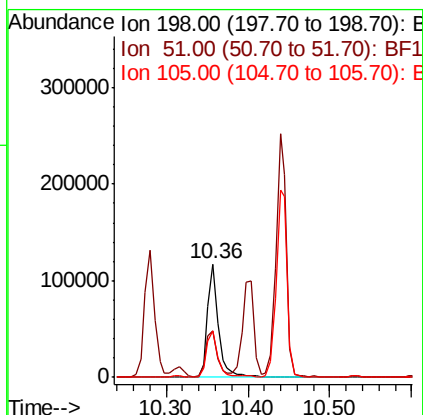
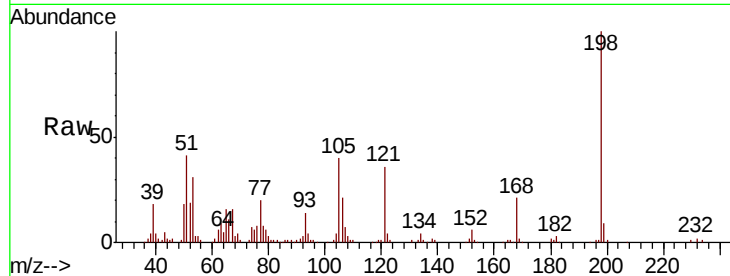




#65
4,6-Dinitro-2-methylphenol
Concen: 33.320 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

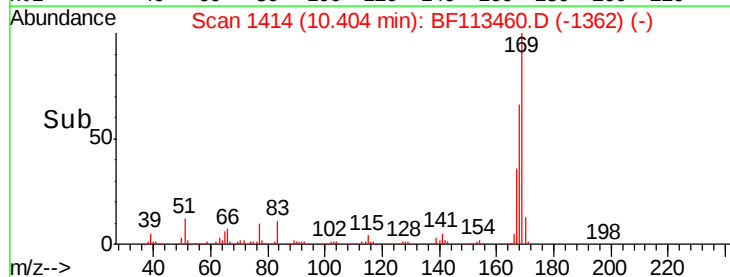
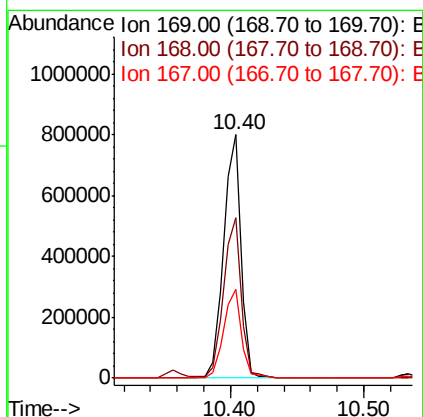
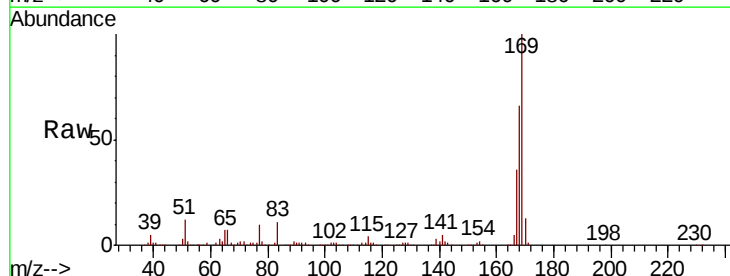
Instrument :
BNA_N
ClientSampleId :

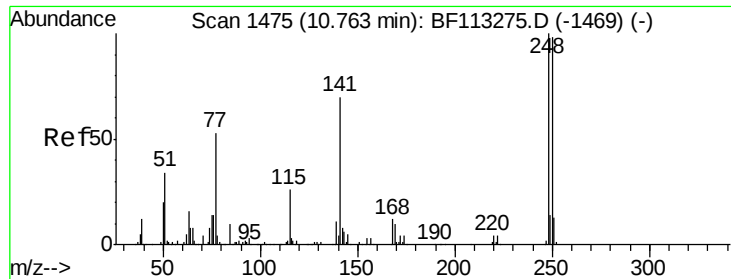
Tot Ion:198 Resp: 110878
Ion Ratio Lower Upper
198 100
51 40.6 21.6 61.6
105 40.5 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 39.582 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:169 Resp: 738828
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 36.5 29.5 44.3

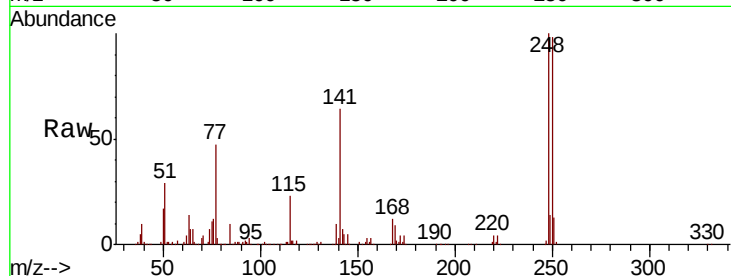




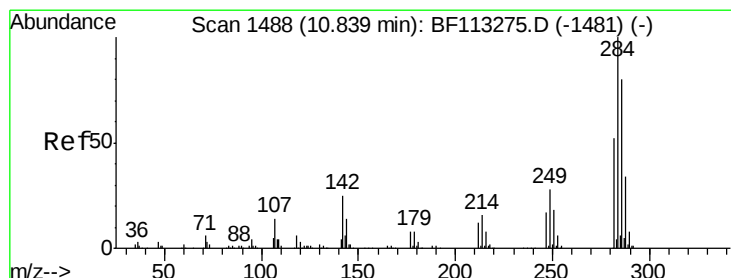
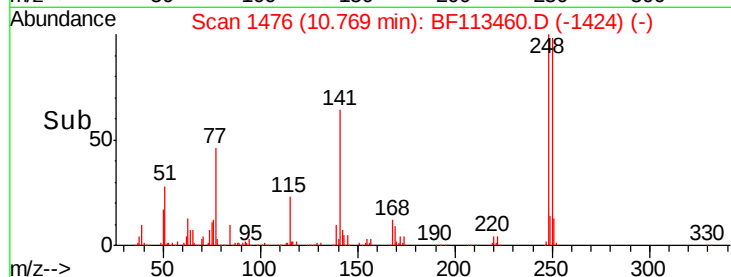
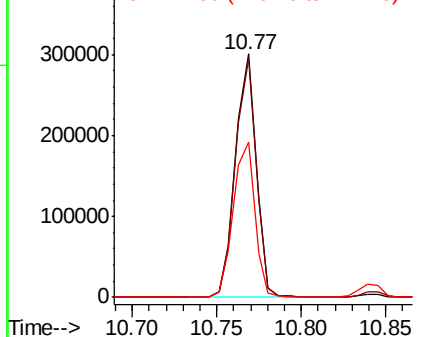
#67
 4-Bromophenyl-phenylether
 Concen: 38.992 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.3	117.5
141	63.8	56.2	84.4

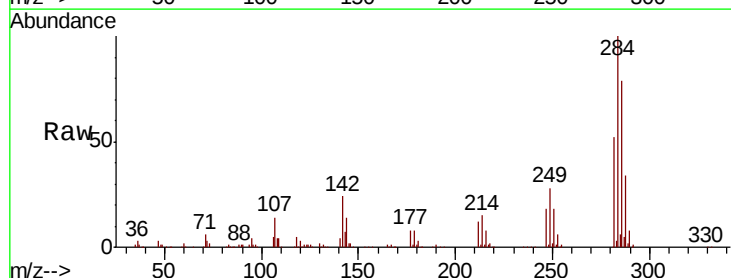


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

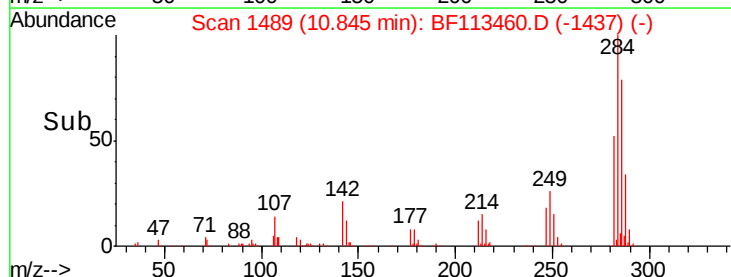
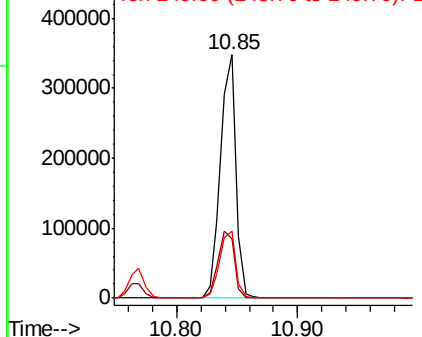


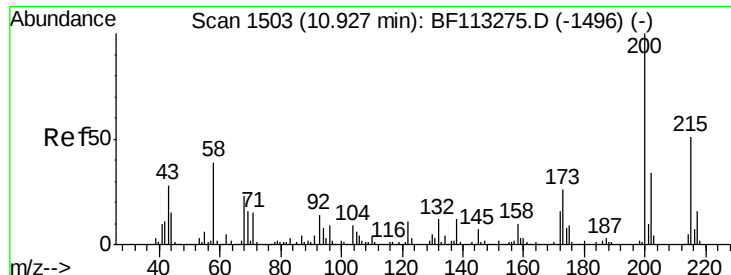
#68
 Hexachlorobenzene
 Concen: 39.921 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	20.1	30.1
249	27.8	22.7	34.1



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

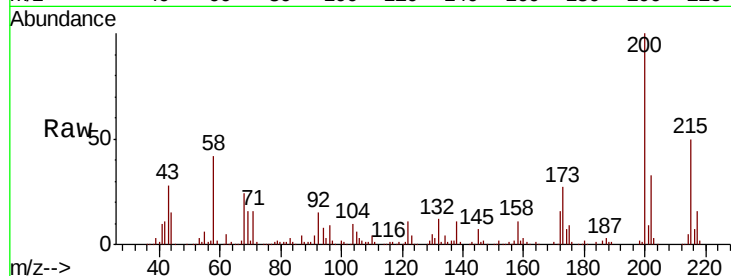




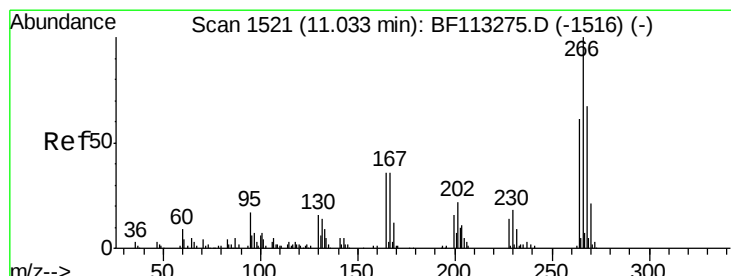
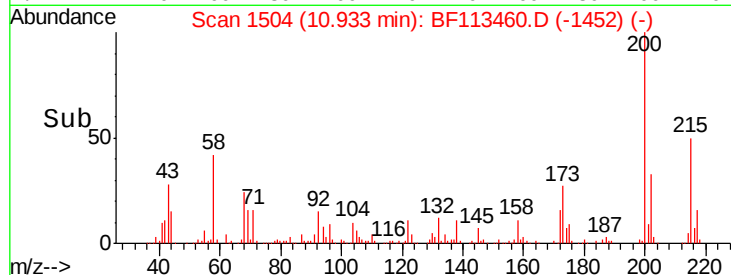
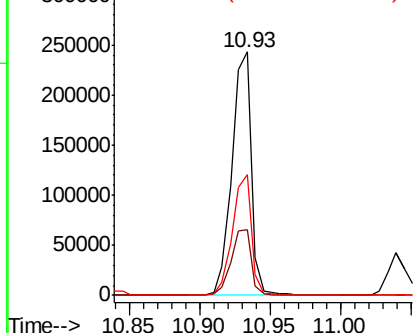
#69
Atrazine
Concen: 39.510 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:200 Resp: 232775
Ion Ratio Lower Upper
200 100
173 27.0 6.0 46.0
215 49.7 31.3 71.3

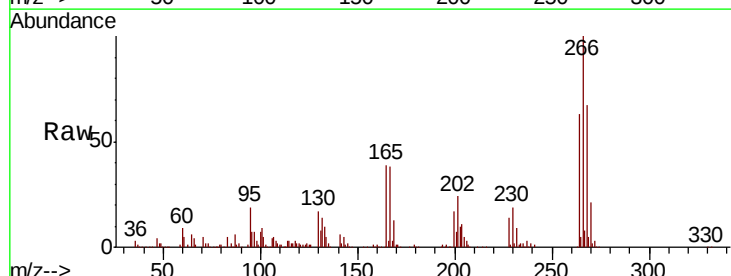


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

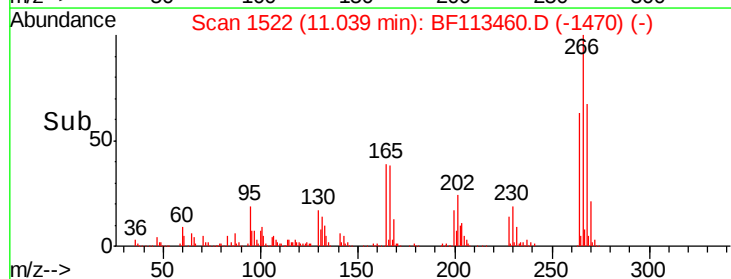
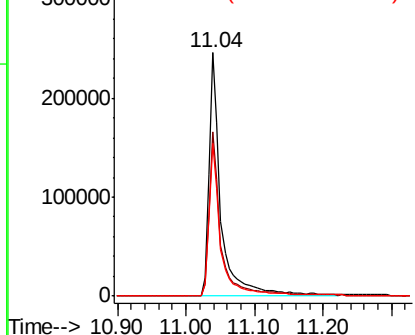


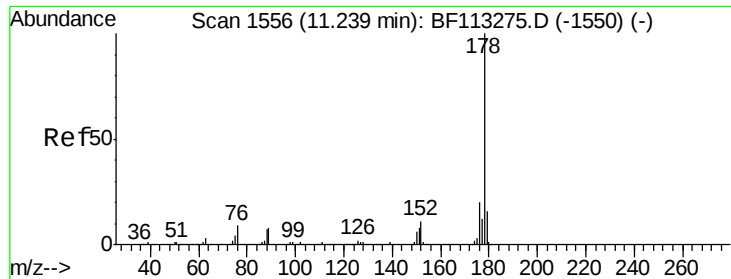
#70
Pentachlorophenol
Concen: 76.625 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:266 Resp: 307223
Ion Ratio Lower Upper
266 100
268 67.4 53.8 80.6
264 62.6 49.2 73.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.381 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

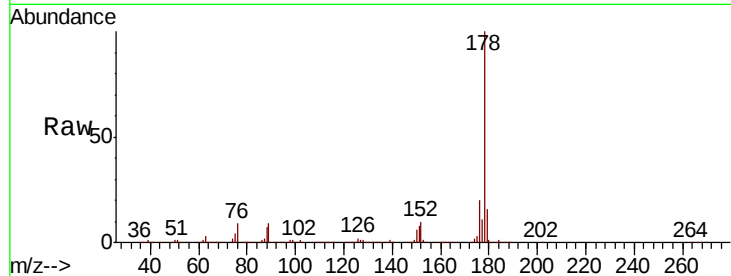
Tot Ion:178 Resp: 1219836

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

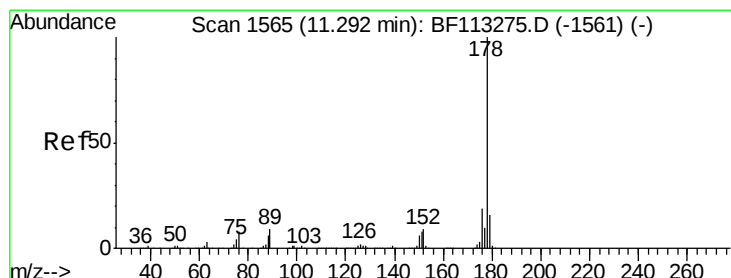
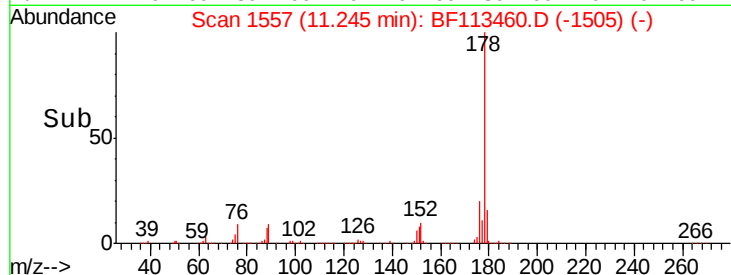
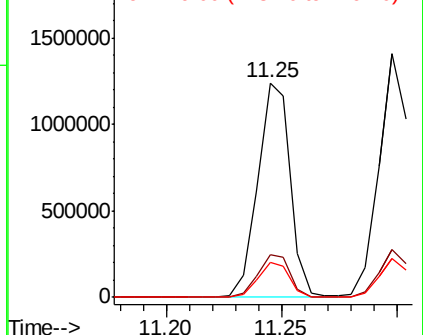
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.636 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

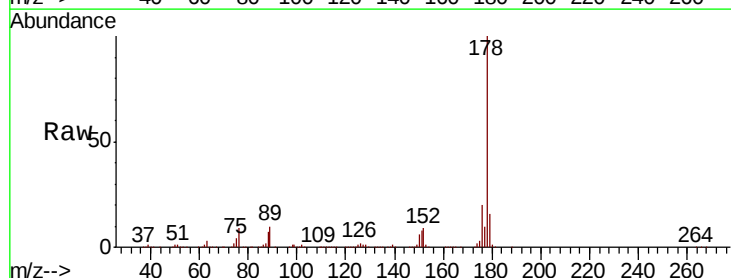
Tgt Ion:178 Resp: 1277534

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

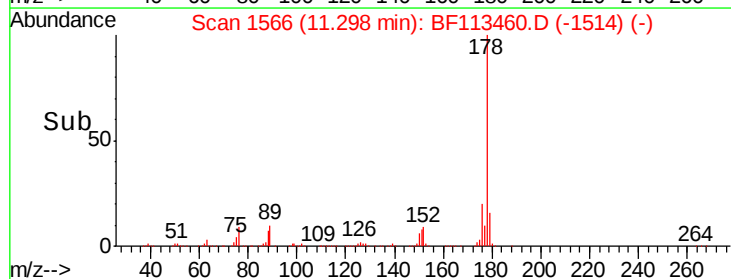
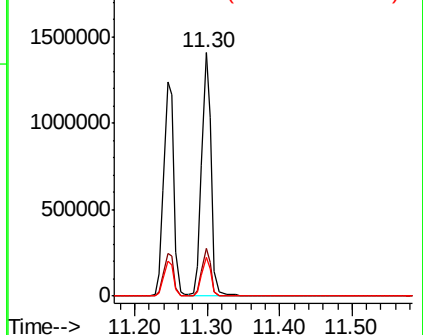
179 16.0 12.8 19.2

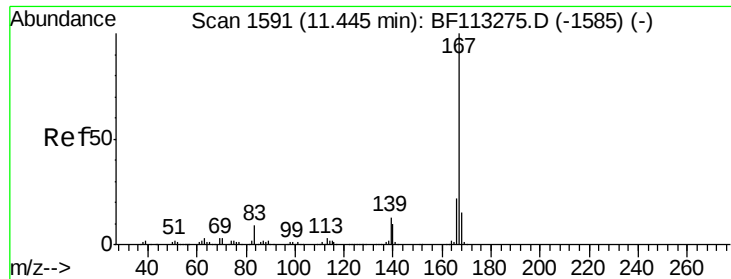


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

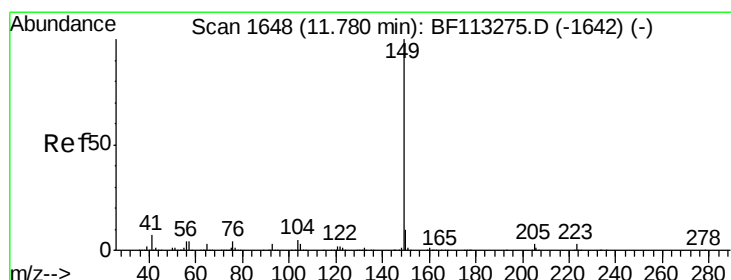
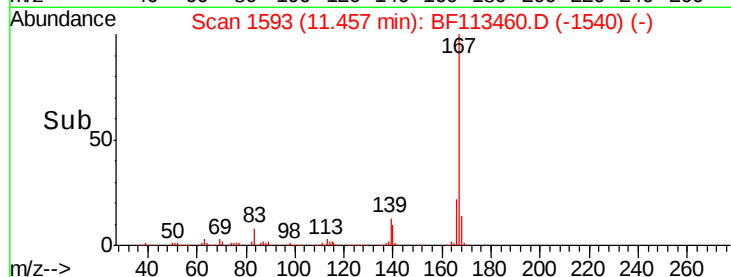
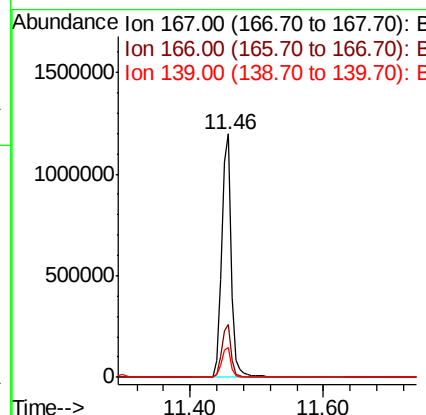
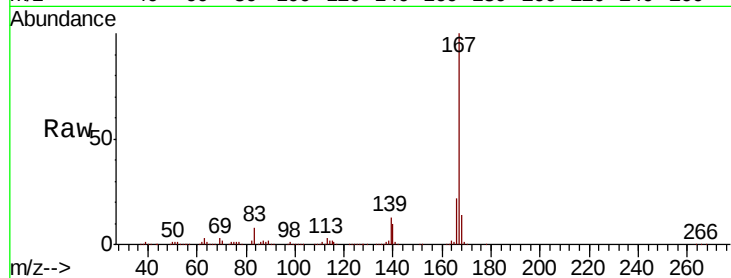




#73
 Carbazole
 Concen: 41.593 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

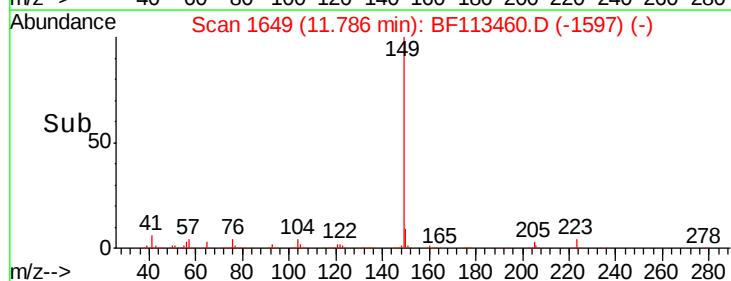
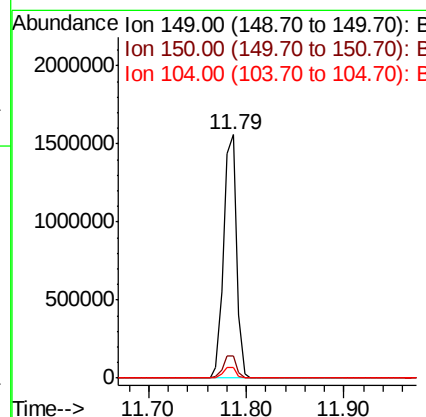
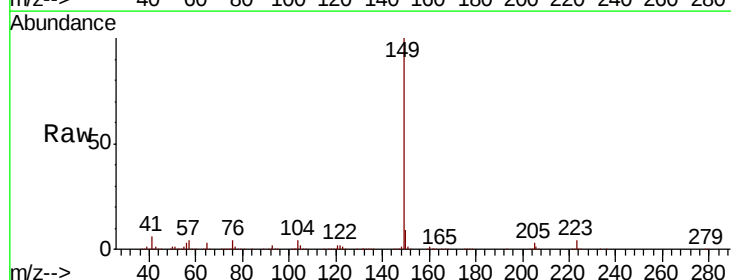
Instrument :
 BNA_N
 ClientSampleId :

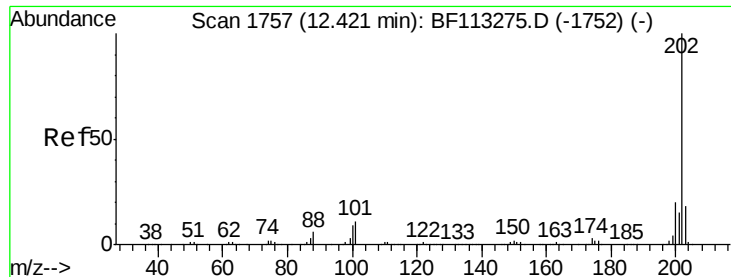
Tot Ion:167 Resp: 1217776
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.5 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 42.505 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BF113460.D
 Acq: 1 Apr 2019 12:08

Tgt Ion:149 Resp: 1443149
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.2 3.7 5.5

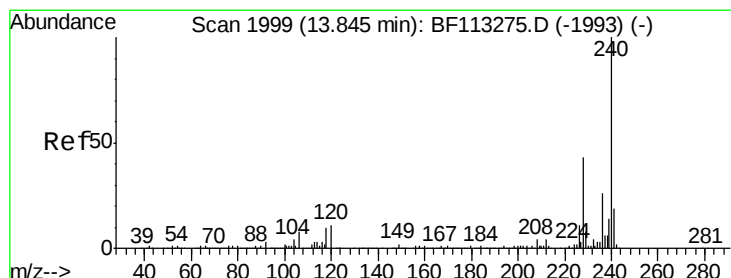
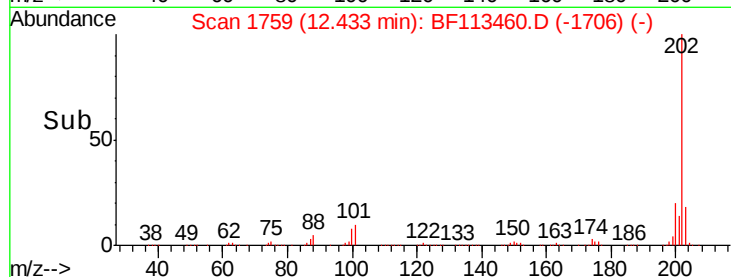
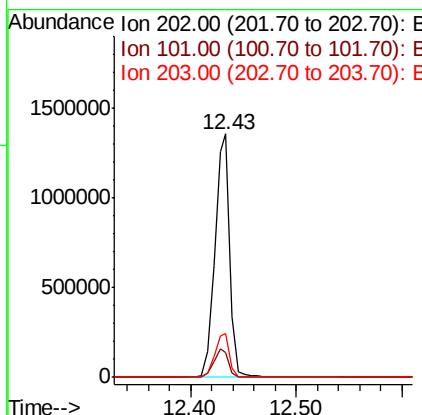
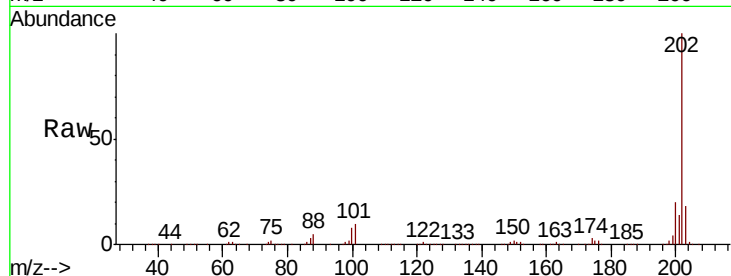




#75
Fluoranthene
Concen: 39.489 ng
RT: 12.43 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

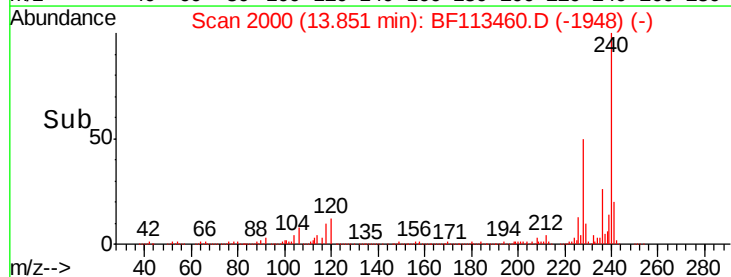
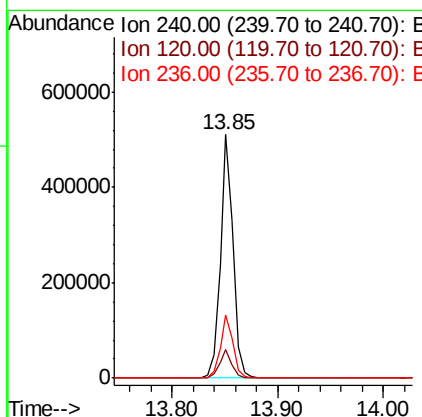
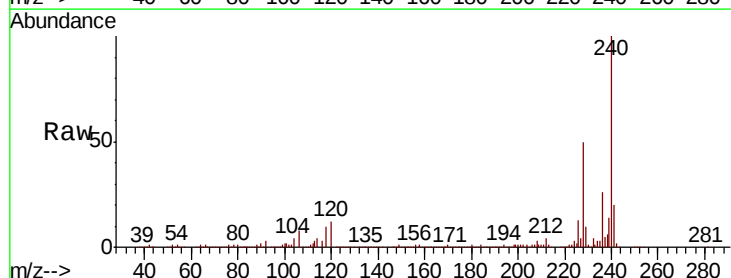
Instrument :
BNA_N
ClientSampleId :

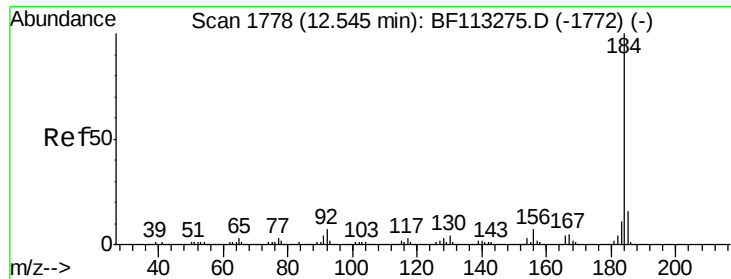
Tot Ion:202 Resp: 1348529
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.4
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:240 Resp: 433476
Ion Ratio Lower Upper
240 100
120 11.6 8.8 13.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 41.845 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

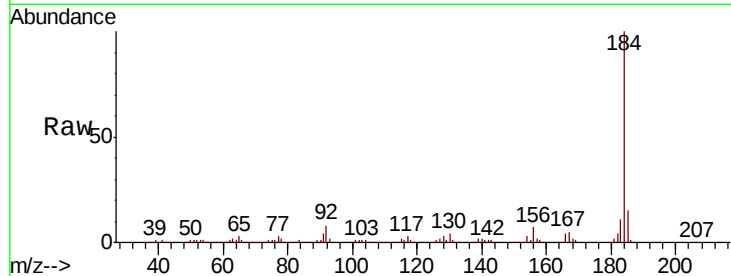
Tot Ion:184 Resp: 694626

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.0	19.6
183	10.7	9.0	13.4

184 100

185 15.4 13.0 19.6

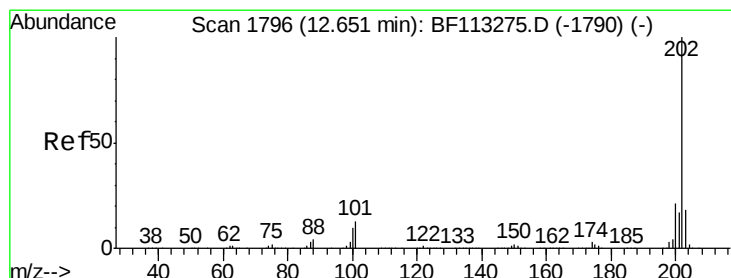
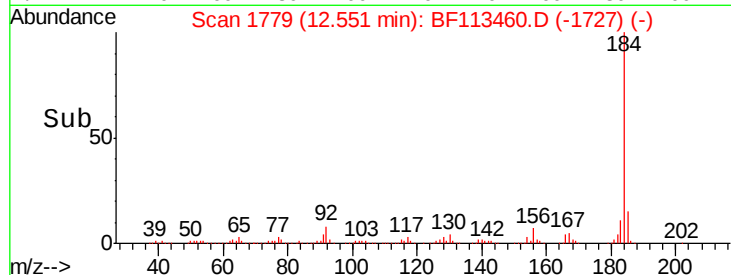
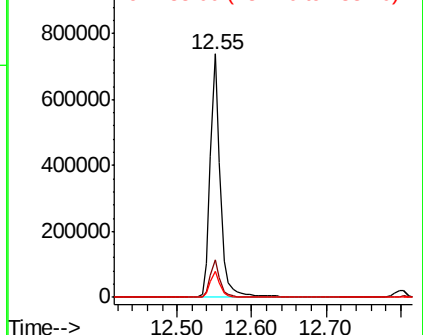
183 10.7 9.0 13.4



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: 44.926 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

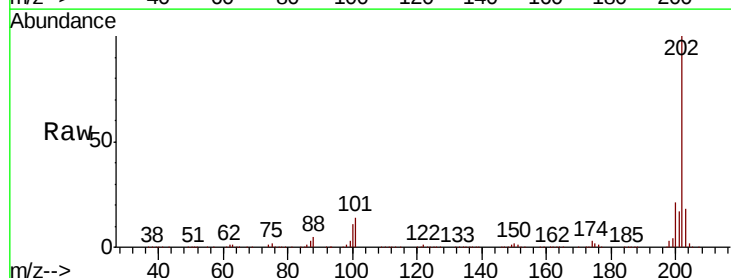
Tgt Ion:202 Resp: 1349521

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.2	14.4	21.6

202 100

200 21.1 16.8 25.2

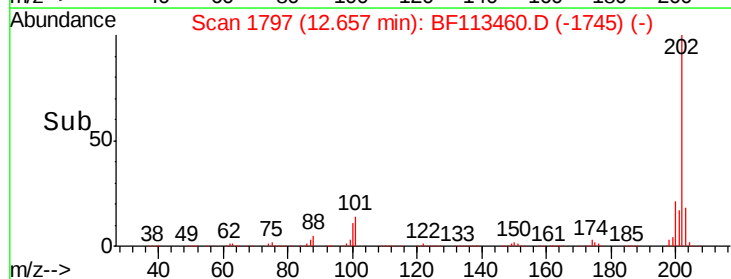
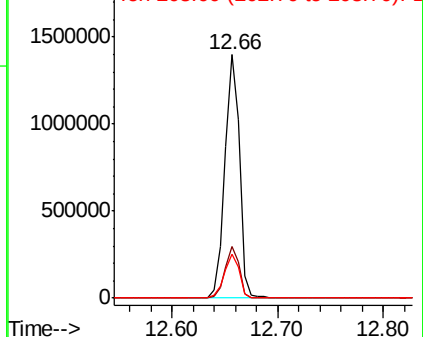
203 18.2 14.4 21.6

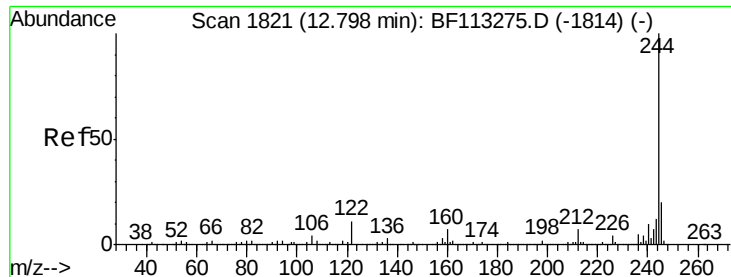


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.544 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

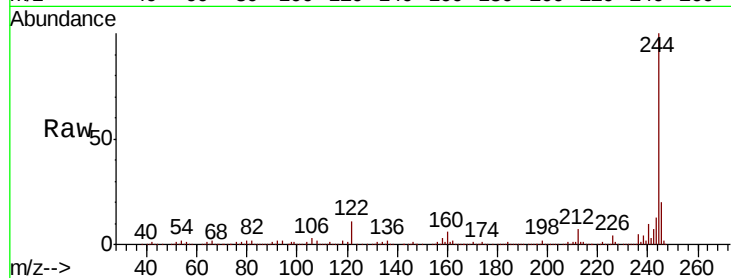
Tot Ion:244 Resp: 1859329

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

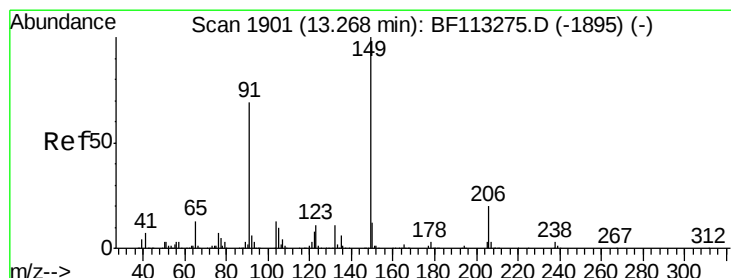
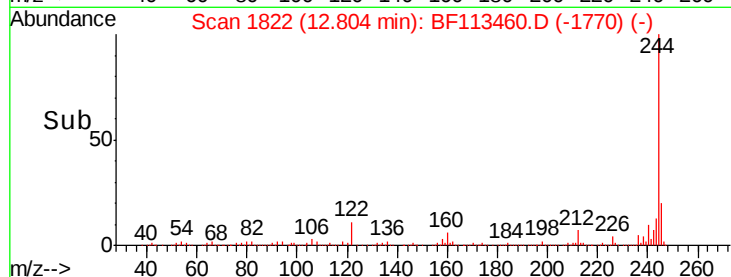
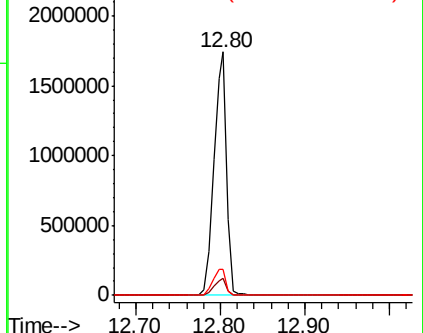
122 10.6 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.227 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

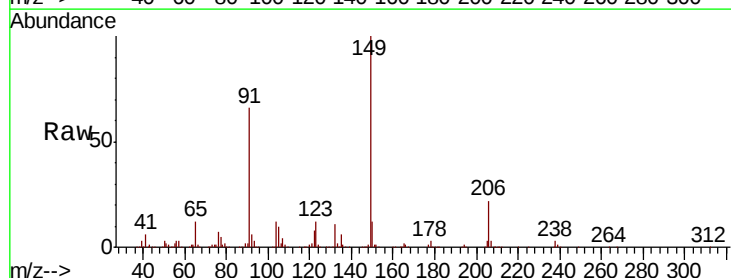
Tgt Ion:149 Resp: 585489

Ion Ratio Lower Upper

149 100

91 65.6 55.2 82.8

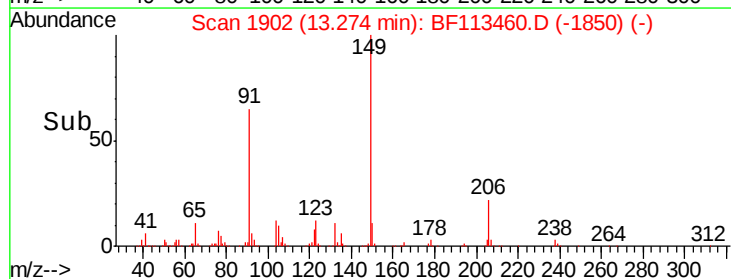
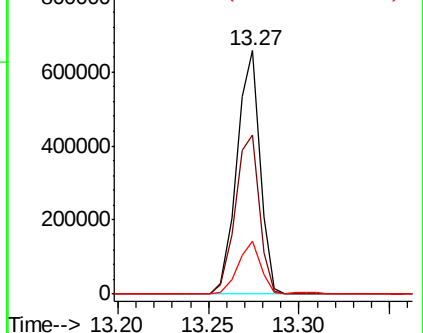
206 21.7 16.1 24.1

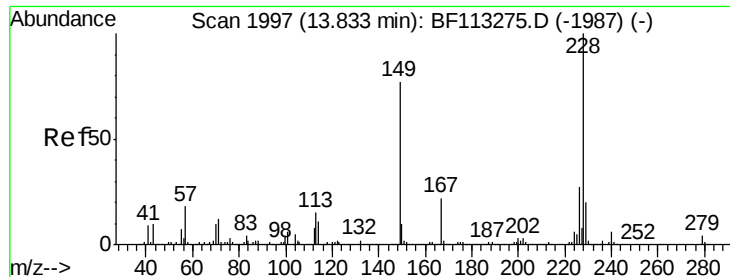


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.870 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampled :

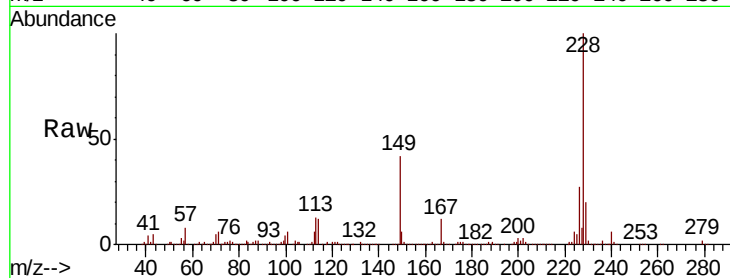
Tot Ion:228 Resp: 964474

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

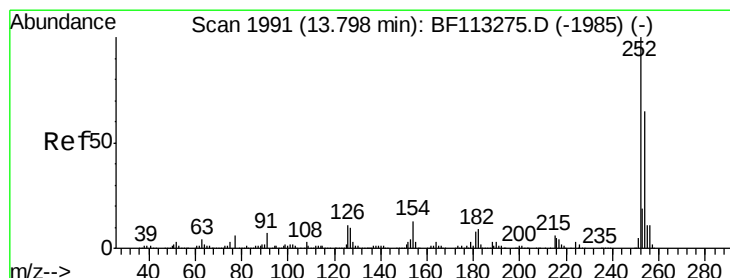
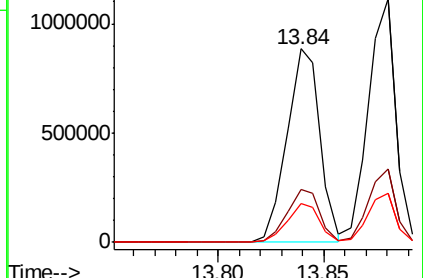
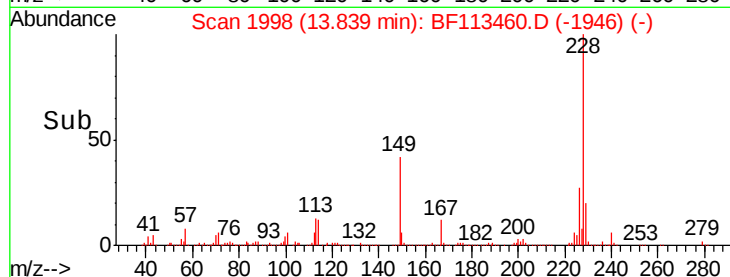
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.417 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

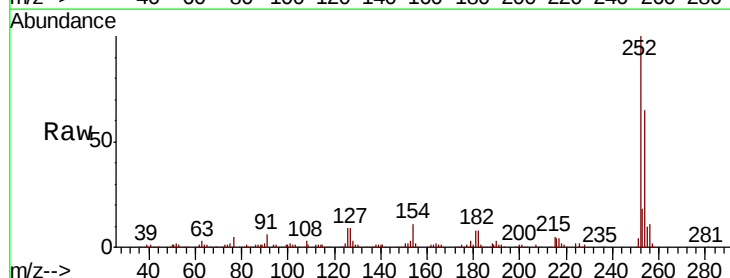
Tgt Ion:252 Resp: 282864

Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

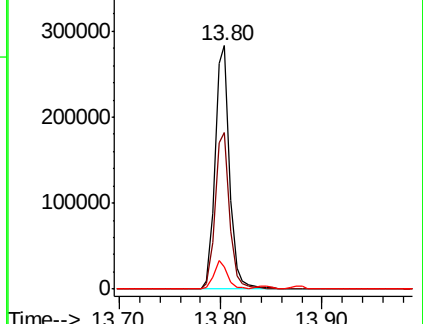
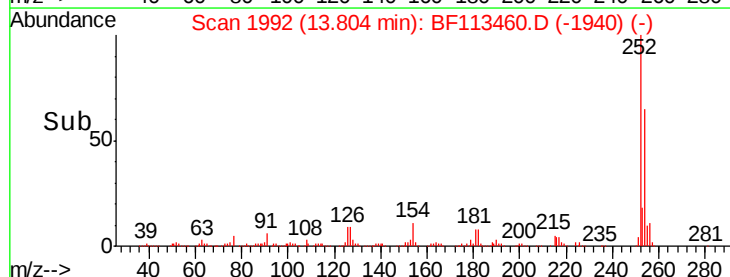
126 9.1 8.5 12.7



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

Chrvsene

Concen: 40.358 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

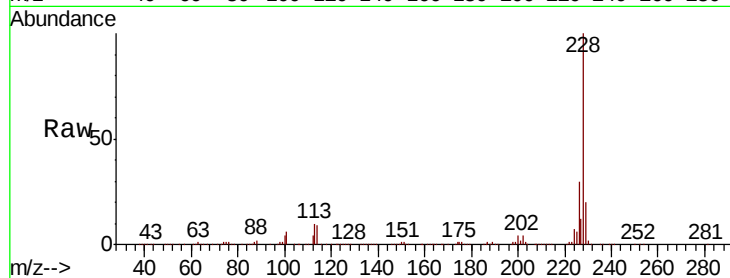
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 1017153

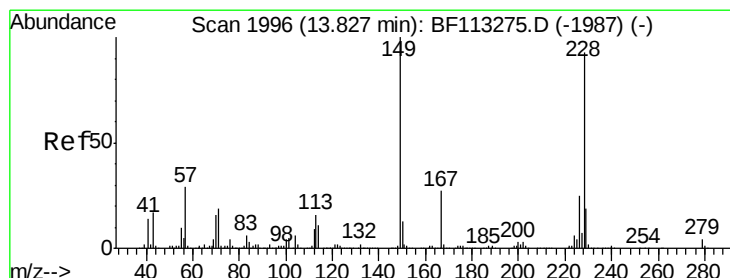
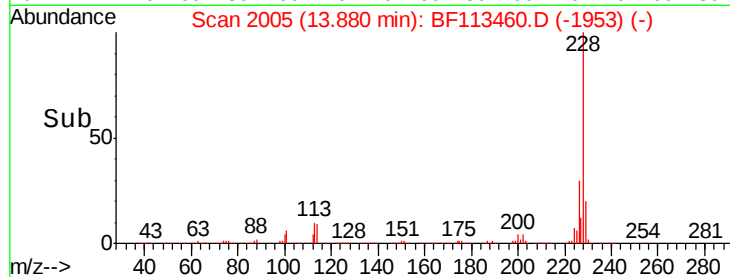
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	20.2	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.498 ng

RT: 13.83 min Scan# 1997

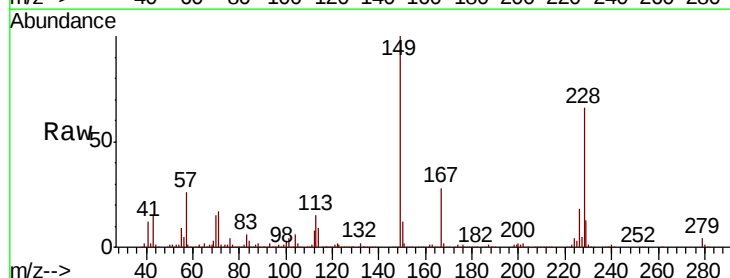
Delta R.T. 0.01 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Tgt Ion:149 Resp: 722141

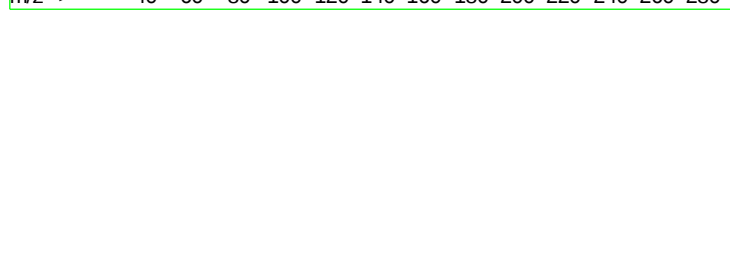
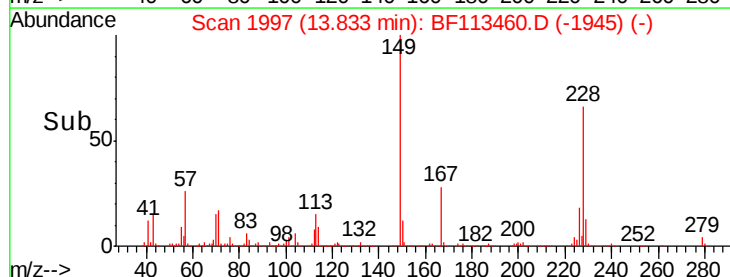
Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.8
279	4.4	2.9	4.3#

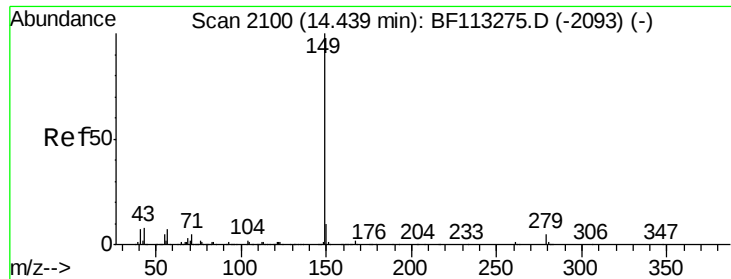


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.337 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampleId :

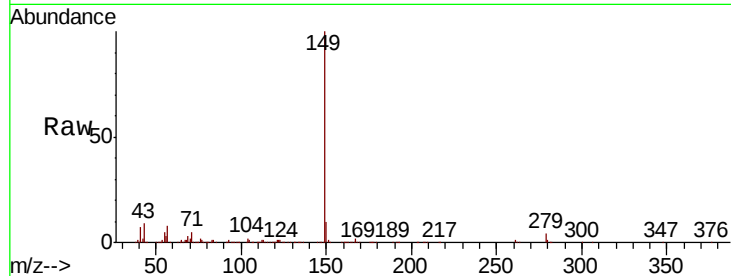
Tot Ion:149 Resp: 1138719

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

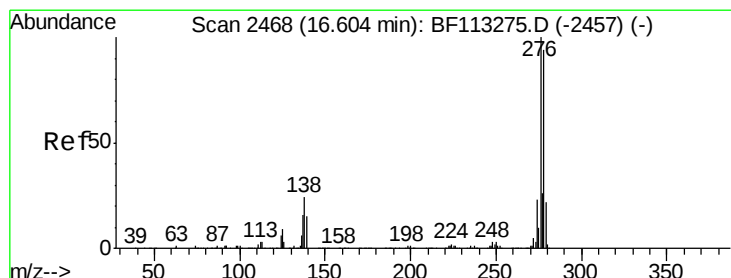
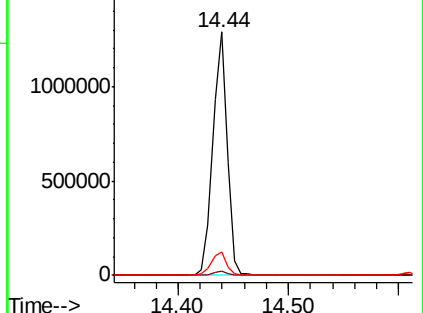
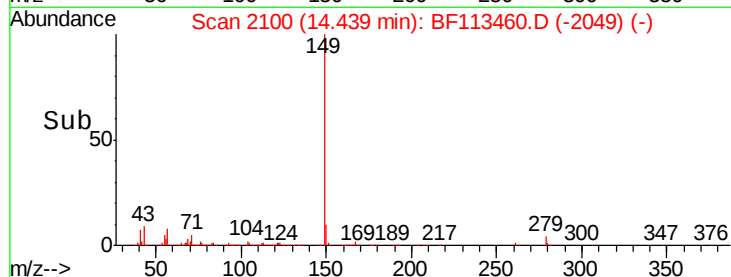
43 10.4 7.7 11.5



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: 38.744 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.02 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

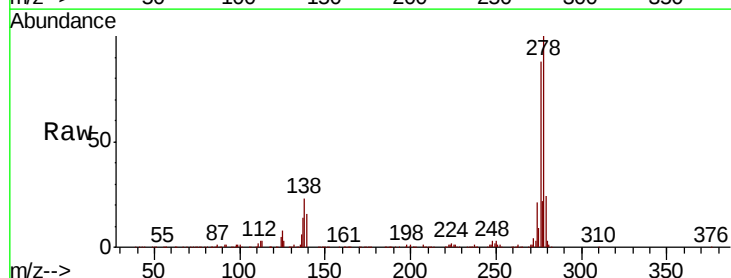
Tgt Ion:276 Resp: 838031

Ion Ratio Lower Upper

276 100

138 24.2 18.1 27.1

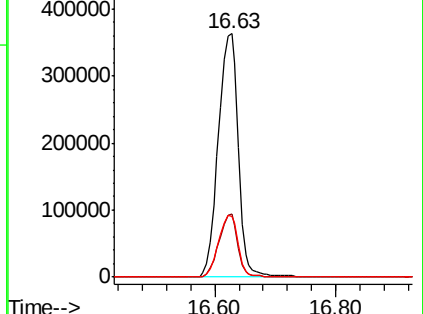
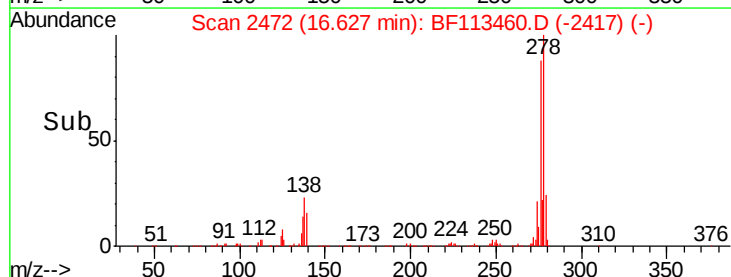
277 24.8 20.2 30.4

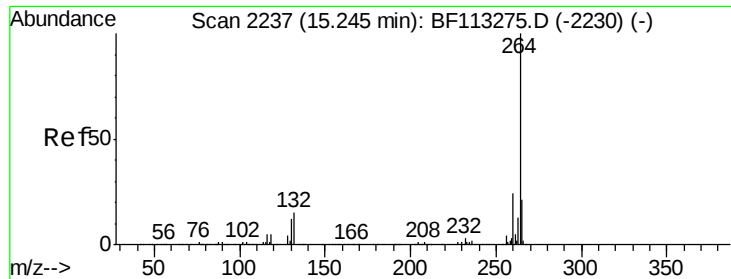


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

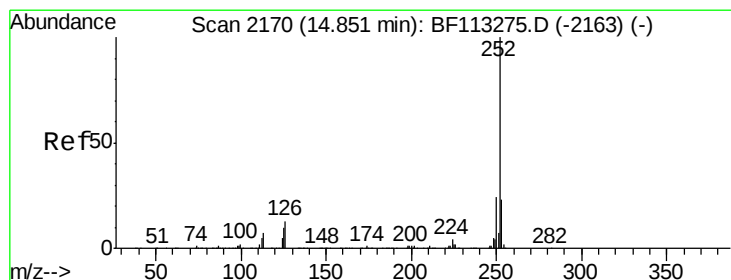
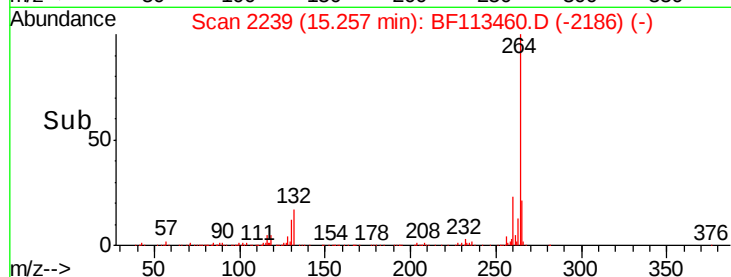
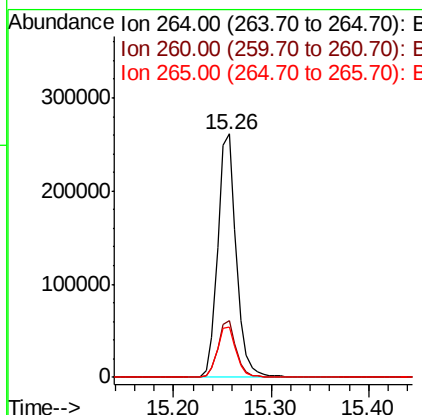
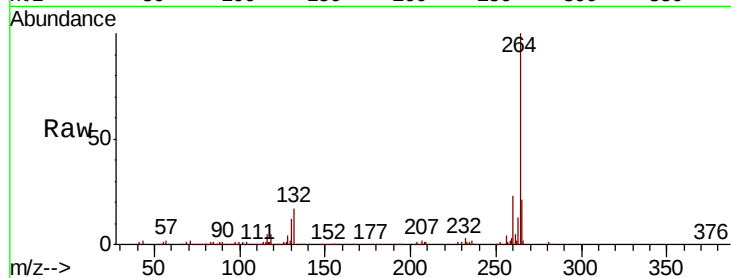




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

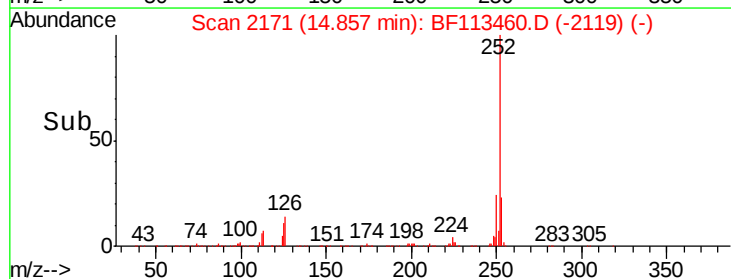
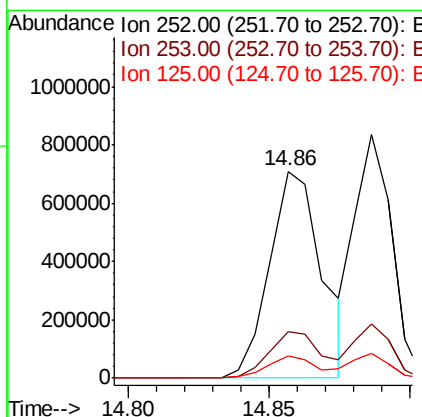
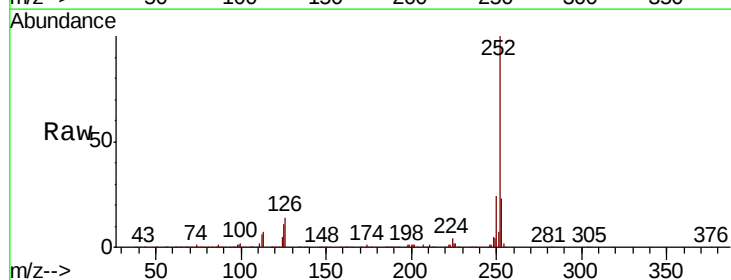
Instrument :
BNA_N
ClientSampleId :

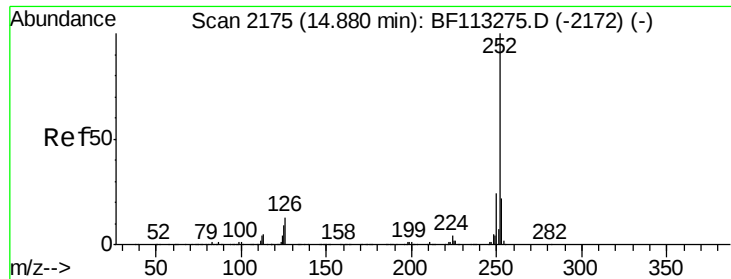
Tot Ion:264 Resp: 345096
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 20.9 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 42.602 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:252 Resp: 913279
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.6 7.6 11.4

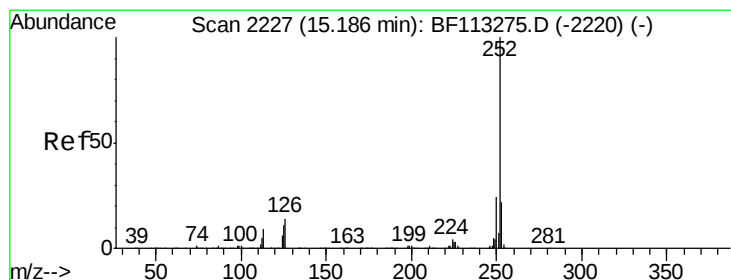
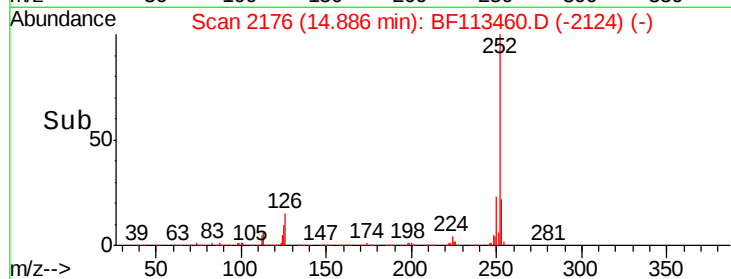
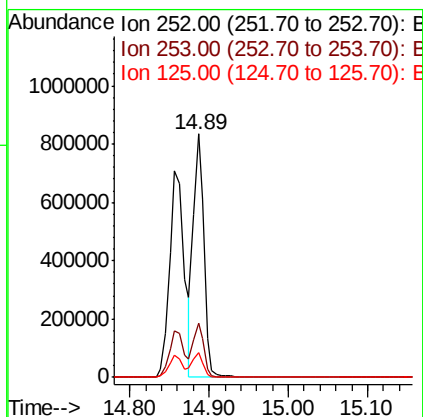
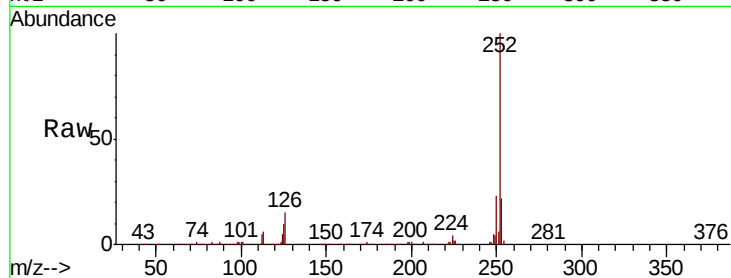




#89
Benzo(k)fluoranthene
Concen: 41.518 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

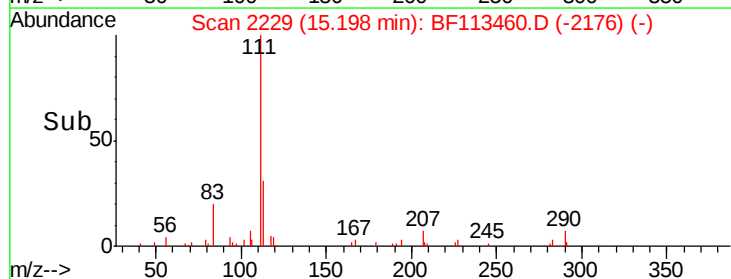
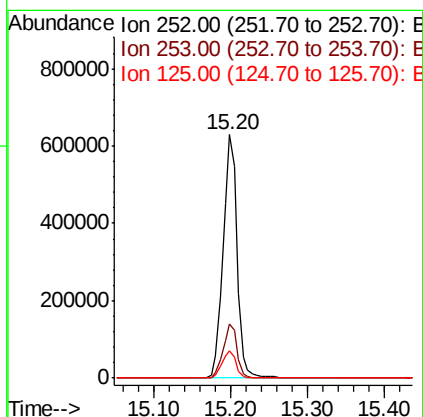
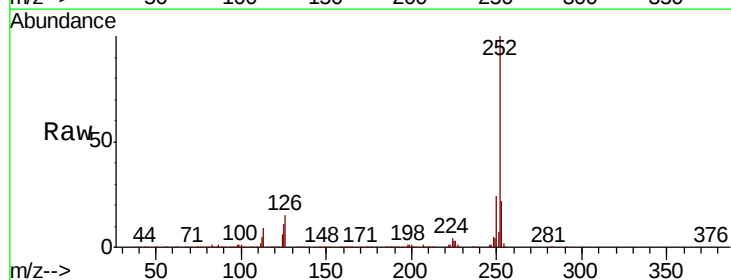
Instrument :
BNA_N
ClientSampleId :

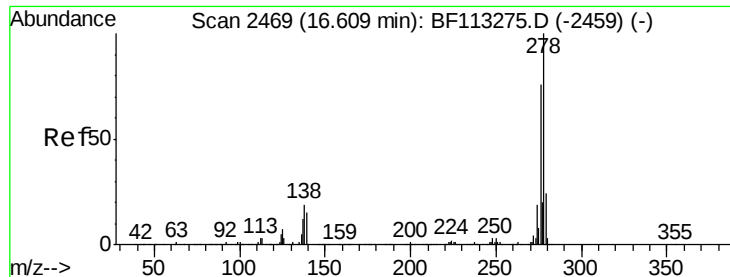
Tot Ion:252 Resp: 781616
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 41.837 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113460.D
Acq: 1 Apr 2019 12:08

Tgt Ion:252 Resp: 795108
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.532 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.02 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

Instrument :

BNA_N

ClientSampled :

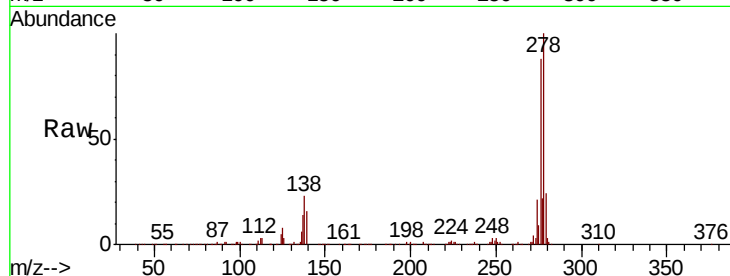
Tot Ion:278 Resp: 715358

Ion Ratio Lower Upper

278 100

139 15.9 12.0 18.0

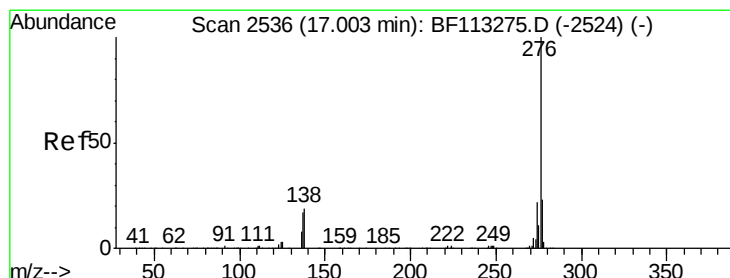
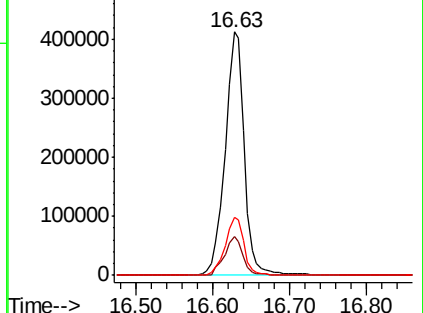
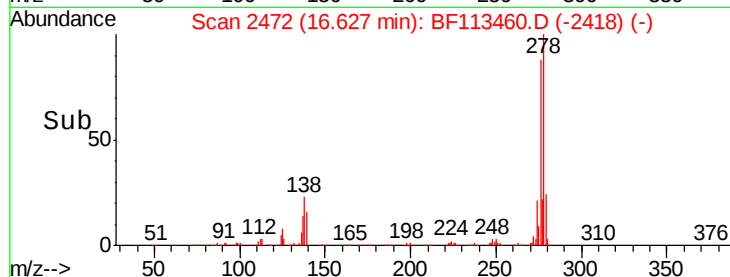
279 23.9 19.0 28.6



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: 42.942 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.03 min

Lab File: BF113460.D

Acq: 1 Apr 2019 12:08

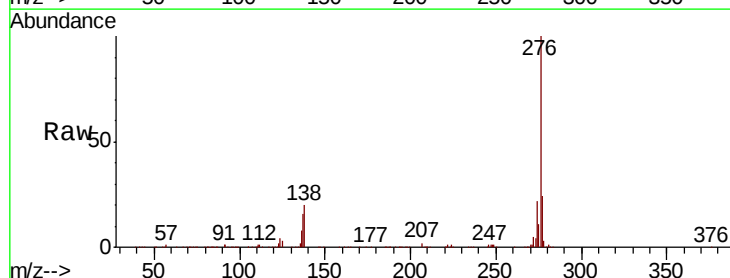
Tgt Ion:276 Resp: 711512

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.0 15.6 23.4



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

