

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113496.D
 Acq On : 2 Apr 2019 7:32
 Operator : JU/SJ
 Sample : PB118478BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 08:14:34 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	6.70	152	116007	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450550	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	215990	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	411581	20.00	ng	0.00
76) Chrysene-d12	13.85	240	364735	20.00	ng	0.00
87) Perylene-d12	15.26	264	260962	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	345450	48.69	ng	0.01
7) Phenol-d6	6.35	99	442506	49.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	381016	50.19	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	120364	45.11	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	765631	47.85	ng	0.00
79) Terphenyl-d14	12.79	244	765666	46.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	70743	19.653	ng	98
3) Pyridine	3.11	79	168235	18.958	ng	95
4) n-Nitrosodimethylamine	3.02	42	75813	19.218	ng	95
6) Aniline	6.37	93	209560	19.173	ng	95
8) 2-Chlorophenol	6.50	128	192201	23.329	ng	95
9) Benzaldehyde	6.25	77	125109	20.773	ng	97
10) Phenol	6.37	94	238894	23.315	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	177137	22.553	ng	99
12) 1,3-Dichlorobenzene	6.65	146	205150	23.100	ng	98
13) 1,4-Dichlorobenzene	6.72	146	209727	24.459	ng	100
14) 1,2-Dichlorobenzene	6.87	146	197914	23.461	ng	99
15) Benzyl Alcohol	6.86	79	141115	23.833	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	282855	23.972	ng	90
17) 2-Methylphenol	6.97	107	150299	23.278	ng	98
18) Hexachloroethane	7.22	117	52902	17.177	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	127577	22.629	ng	98
20) 3+4-Methylphenols	7.13	107	195282	22.606	ng	92
22) Acetophenone	7.12	105	255680	24.884	ng	# 97
24) Nitrobenzene	7.29	77	191060	24.120	ng	96
25) Isophorone	7.53	82	349996	23.792	ng	98
26) 2-Nitrophenol	7.61	139	76476	18.265	ng	92
27) 2,4-Dimethylphenol	7.66	122	168994	28.059	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	227006	24.504	ng	98
29) 2,4-Dichlorophenol	7.86	162	162512	24.899	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	173726	24.671	ng	99
31) Naphthalene	8.01	128	551575	25.052	ng	99
32) Benzoic acid	7.79	122	35309	7.283	ng	98
33) 4-Chloroaniline	8.06	127	195274	22.744	ng	99
34) Hexachlorobutadiene	8.13	225	100819	24.089	ng	99
35) Caprolactam	8.42	113	47850	22.843	ng	100
36) 4-Chloro-3-methylphenol	8.56	107	161776	24.643	ng	99
37) 2-Methylnaphthalene	8.70	142	373677	27.200	ng	98
38) 1-Methylnaphthalene	8.80	142	348377	26.364	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	174533	25.173	ng	98

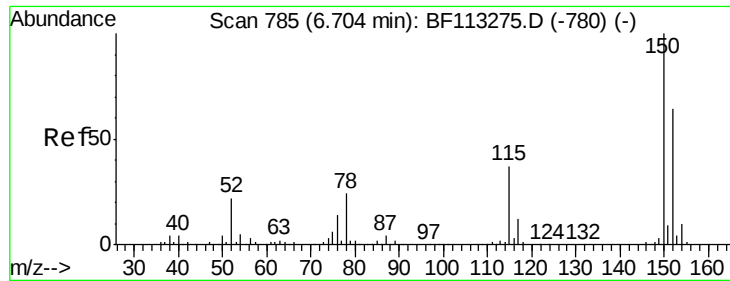
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113496.D
 Acq On : 2 Apr 2019 7:32
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.99	196	104975	23.251	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	114467	22.909	ng	98
46) 1,1'-Biphenyl	9.16	154	455629	25.257	ng	99
47) 2-Chloronaphthalene	9.19	162	345035	24.842	ng	98
48) 2-Nitroaniline	9.29	65	108779	24.956	ng	99
49) Acenaphthylene	9.60	152	553944	24.666	ng	99
50) Dimethylphthalate	9.46	163	398557	24.900	ng	100
51) 2,6-Dinitrotoluene	9.53	165	78808	21.824	ng	92
52) Acenaphthene	9.77	154	314119	24.837	ng	100
53) 3-Nitroaniline	9.70	138	105286	25.855	ng	97
55) Dibenzofuran	9.95	168	483561	25.433	ng	97
56) 4-Nitrophenol	9.88	139	96380	33.197	ng	89
57) 2,4-Dinitrotoluene	9.93	165	94736	20.630	ng	92
58) Fluorene	10.29	166	371186	25.131	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	92111	21.800	ng	97
60) Diethylphthalate	10.16	149	391284	24.919	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	188462	26.180	ng	94
62) 4-Nitroaniline	10.30	138	105980	25.277	ng	96
63) Azobenzene	10.43	77	348463	23.575	ng	95
66) n-Nitrosodiphenylamine	10.39	169	333736	26.425	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	113681	25.342	ng	98
68) Hexachlorobenzene	10.84	284	128740	24.725	ng	98
69) Atrazine	10.92	200	99427	24.942	ng	97
70) Pentachlorophenol	11.04	266	96996	35.754	ng	98
71) Phenanthrene	11.24	178	511324	25.017	ng	98
72) Anthracene	11.29	178	542818	26.146	ng	99
73) Carbazole	11.45	167	504715	25.477	ng	98
74) Di-n-butylphthalate	11.78	149	618532	26.924	ng	98
75) Fluoranthene	12.43	202	582593	25.214	ng	97
77) Benzidine	12.55	184	497976	35.653	ng	96
78) Pyrene	12.65	202	592655	23.448	ng	99
80) Butylbenzylphthalate	13.27	149	256683	23.044	ng	96
81) Benzo(a)anthracene	13.84	228	498315	23.868	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	213868	25.535	ng	98
83) Chrysene	13.87	228	513055	24.193	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	346484	25.374	ng	99
85) Di-n-octyl phthalate	14.43	149	627959	27.092	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	348274	19.136	ng	98
88) Benzo(b)fluoranthene	14.86	252	402742	24.844	ng	99
89) Benzo(k)fluoranthene	14.88	252	400030	28.100	ng	99
90) Benzo(a)pyrene	15.20	252	358760	24.963	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	298102	23.989	ng	99
92) Benzo(g,h,i)perylene	17.03	276	286637	22.877	ng	98

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

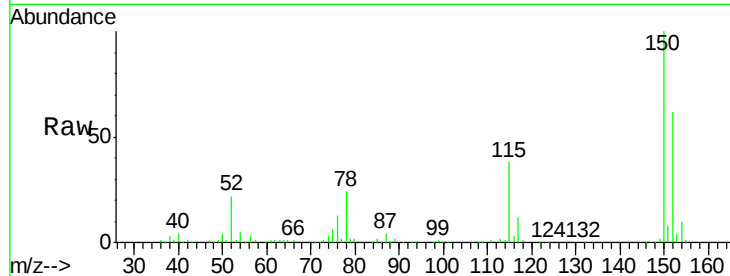


#1

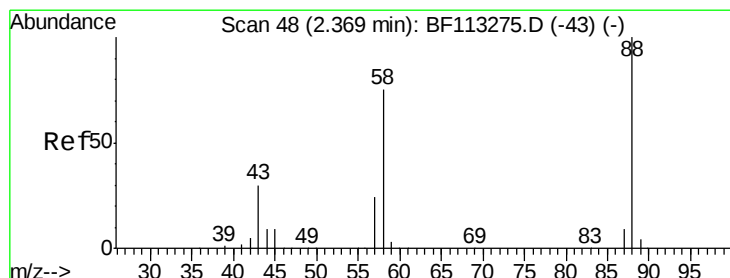
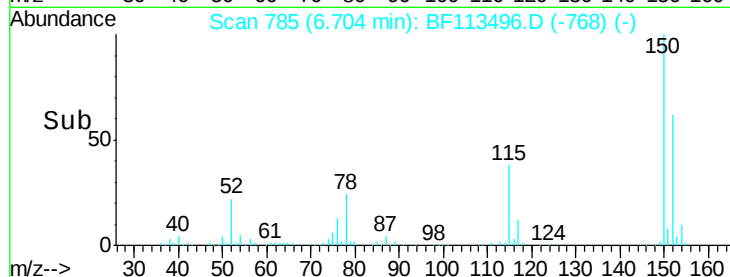
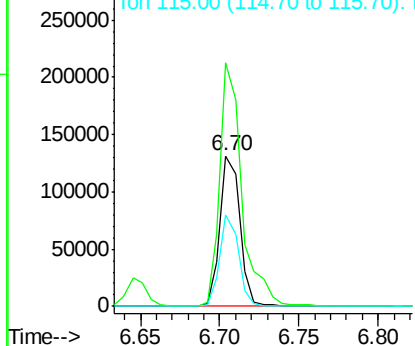
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116007
Ion Ratio Lower Upper
152 100
150 161.6 124.7 187.1
115 60.8 46.0 69.0



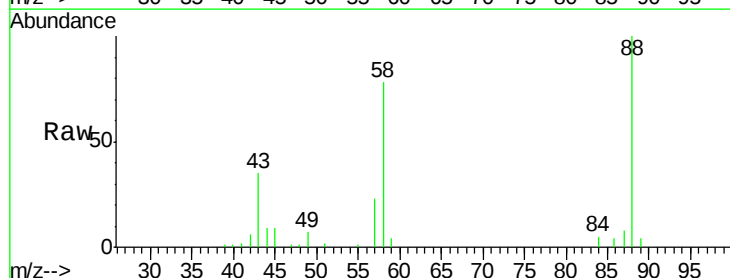
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



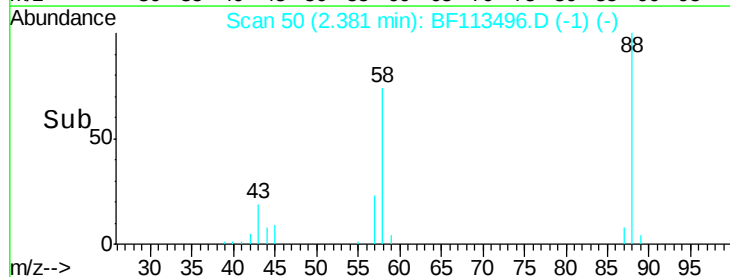
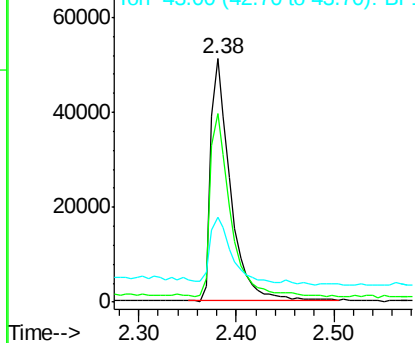
#2

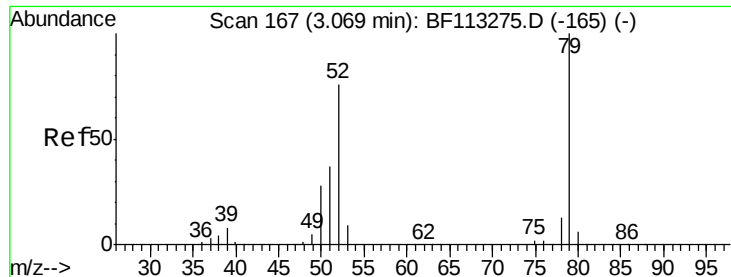
1,4-Dioxane
Concen: 19.653 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion: 88 Resp: 70743
Ion Ratio Lower Upper
88 100
58 78.4 61.9 92.9
43 28.1 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: 18.958 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

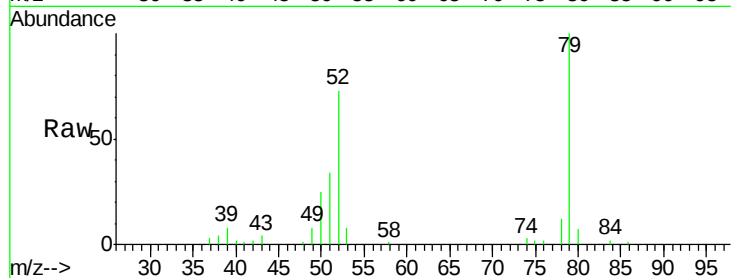
Tot Ion: 79 Resp: 168235

Ion Ratio Lower Upper

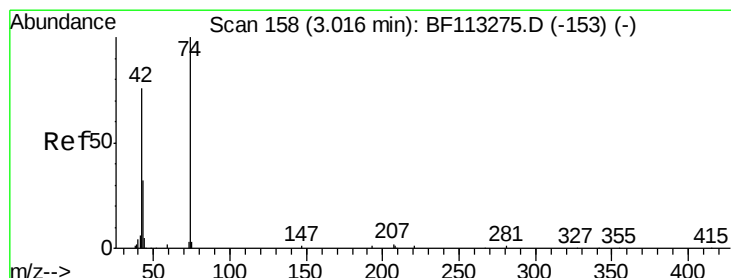
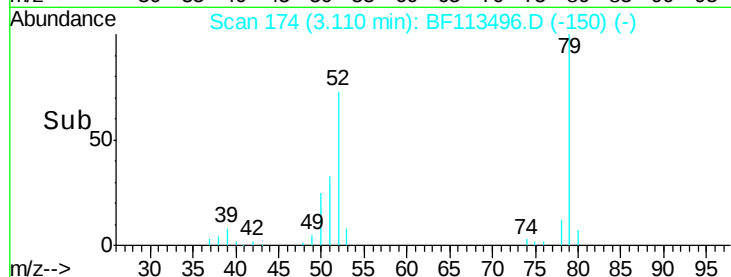
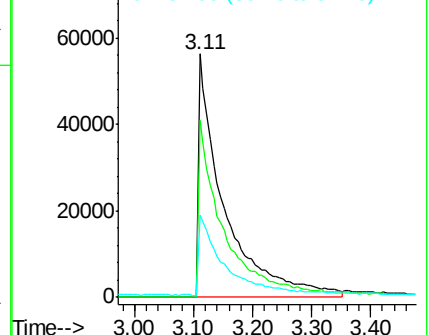
79 100

52 73.0 61.0 91.4

51 33.9 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: 19.218 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

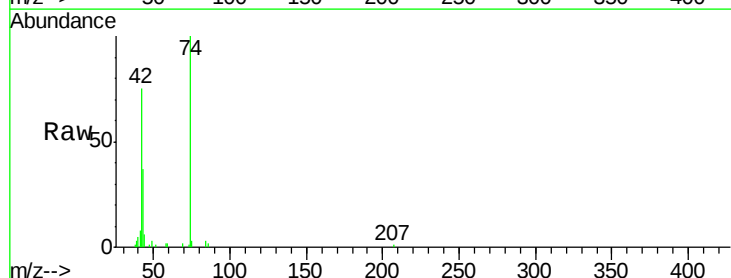
Tgt Ion: 42 Resp: 75813

Ion Ratio Lower Upper

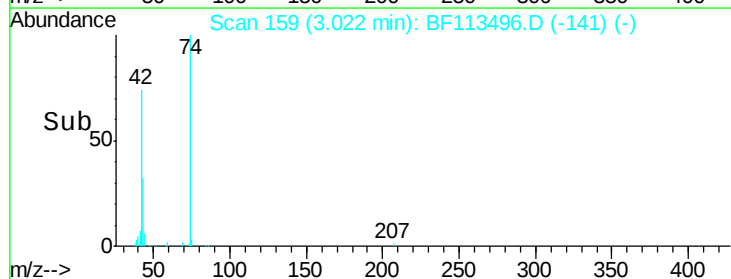
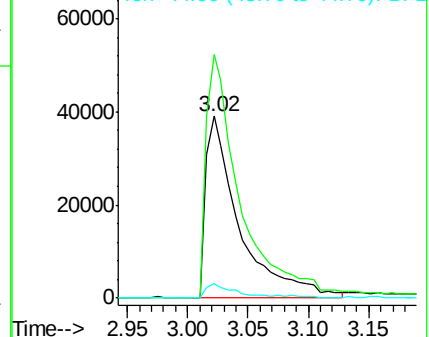
42 100

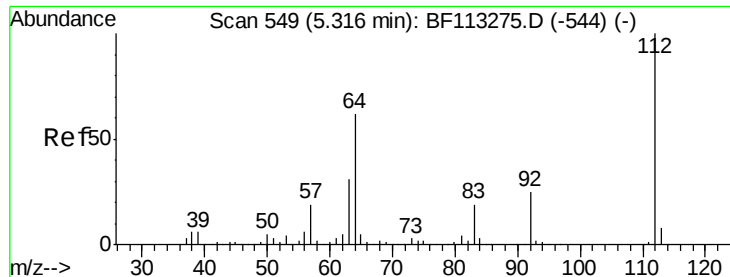
74 133.9 102.4 153.6

44 7.8 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: 48.691 ng

RT: 5.33 min Scan# 551

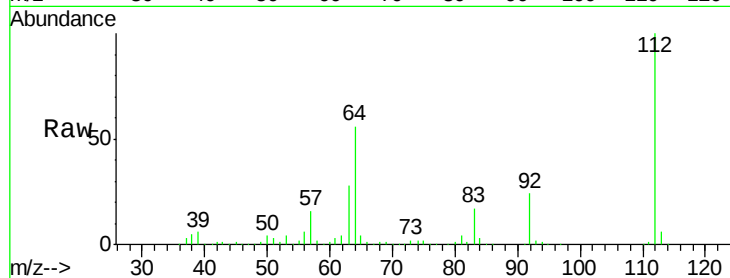
Delta R.T. 0.01 min

Lab File: BF113496.D

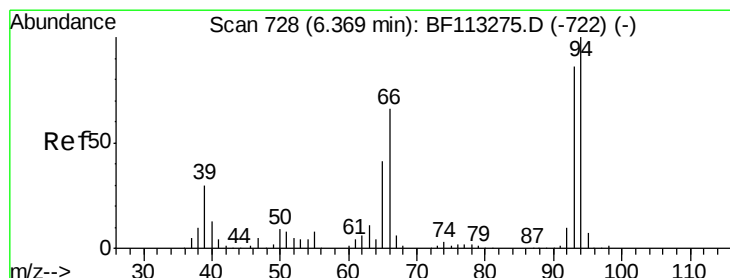
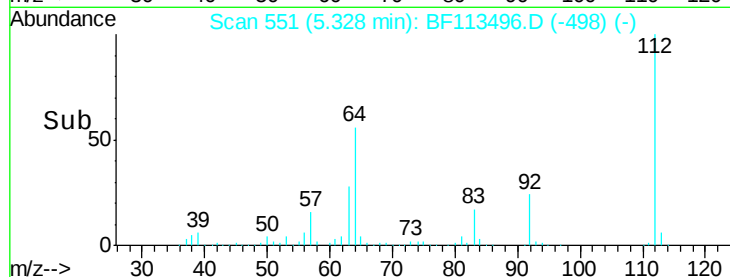
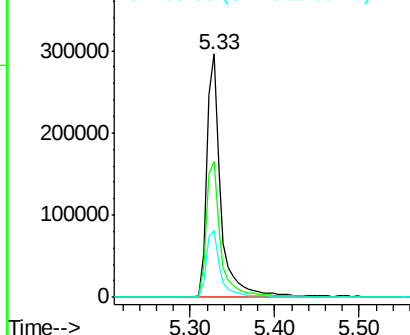
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	345450
Ion	Ratio	Lower	Upper
112	100		
64	55.9	49.2	73.8
63	27.6	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: 19.173 ng

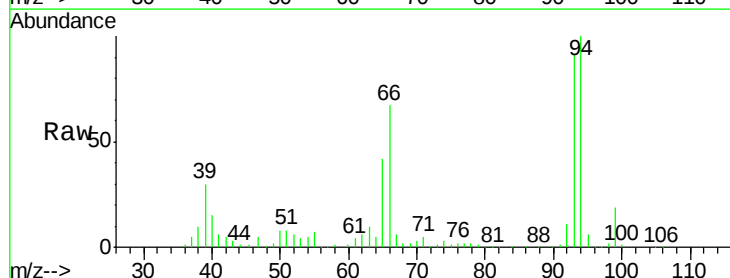
RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

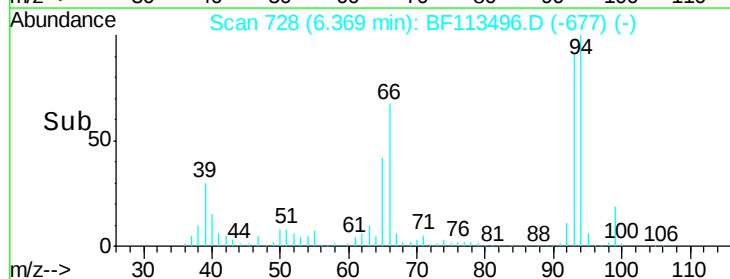
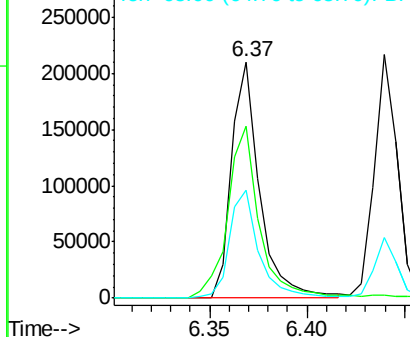
Lab File: BF113496.D

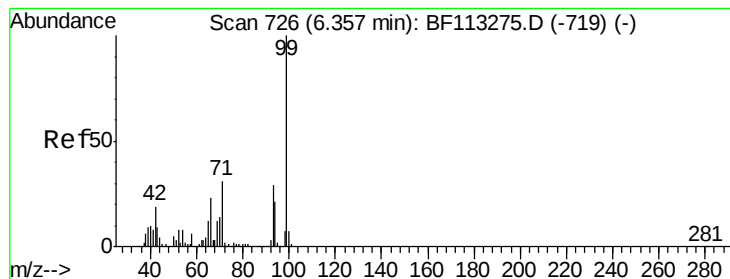
Acq: 2 Apr 2019 7:32

Tgt Ion:	93	Resp:	209560
Ion	Ratio	Lower	Upper
93	100		
66	73.0	62.1	93.1
65	45.4	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: 49.303 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampled :

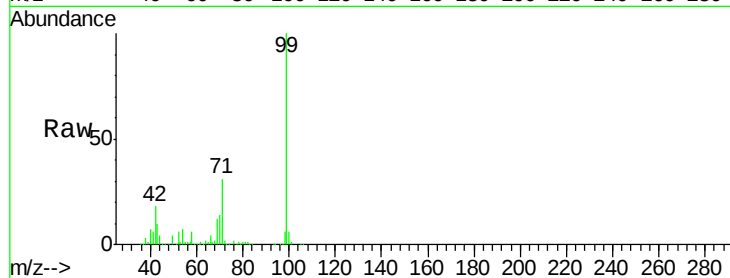
Tot Ion: 99 Resp: 442506

Ion Ratio Lower Upper

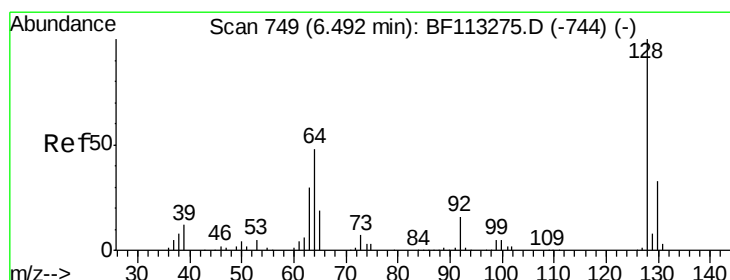
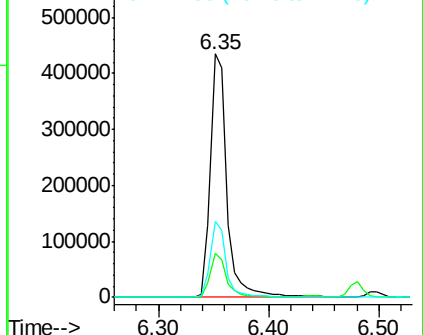
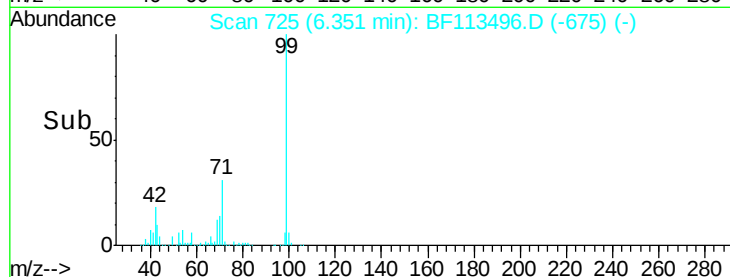
99 100

42 17.9 14.8 22.2

71 31.1 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: 23.329 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

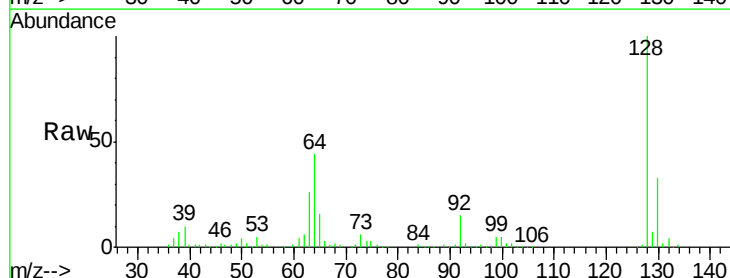
Tgt Ion: 128 Resp: 192201

Ion Ratio Lower Upper

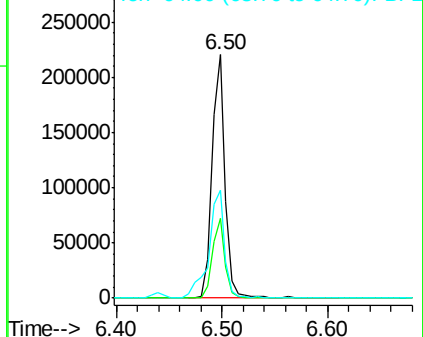
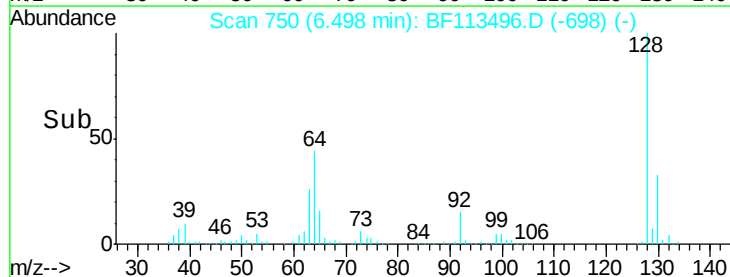
128 100

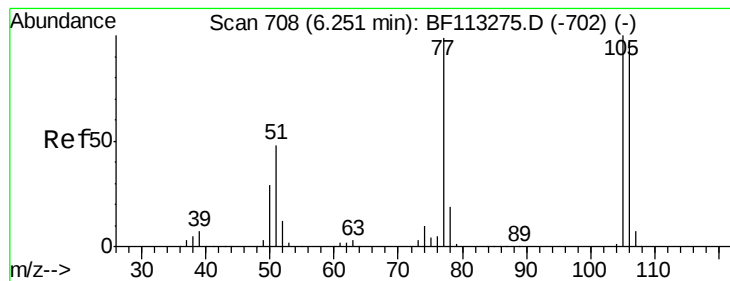
130 33.0 12.6 52.6

64 44.4 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: 20.773 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

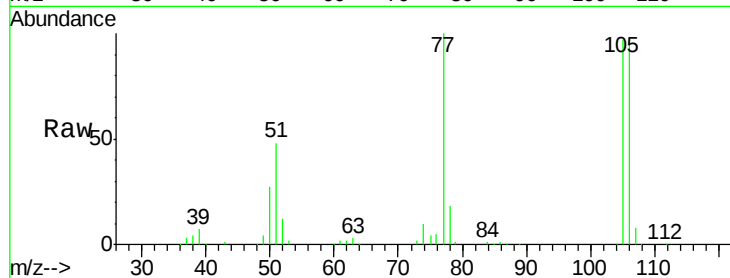
Tot Ion: 77 Resp: 125109

Ion Ratio Lower Upper

77 100

105 96.7 80.9 120.9

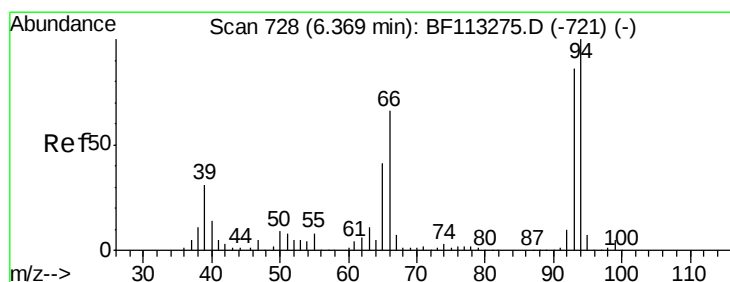
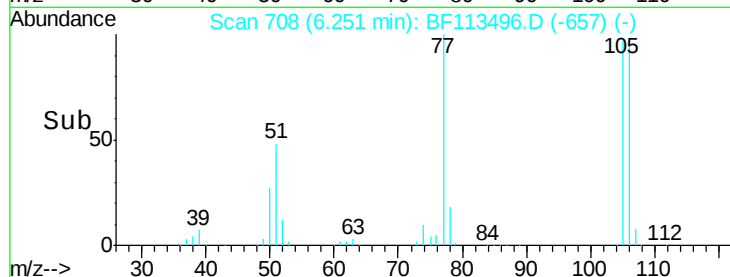
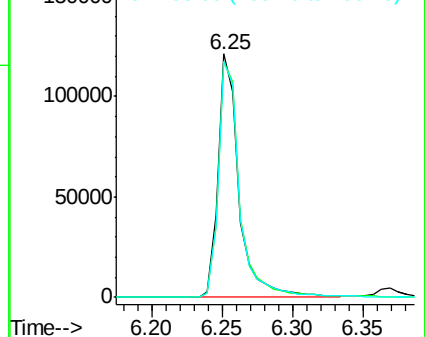
106 96.9 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 23.315 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

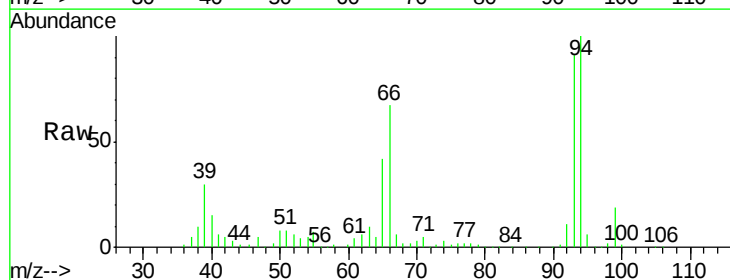
Tgt Ion: 94 Resp: 238894

Ion Ratio Lower Upper

94 100

65 41.5 21.4 61.4

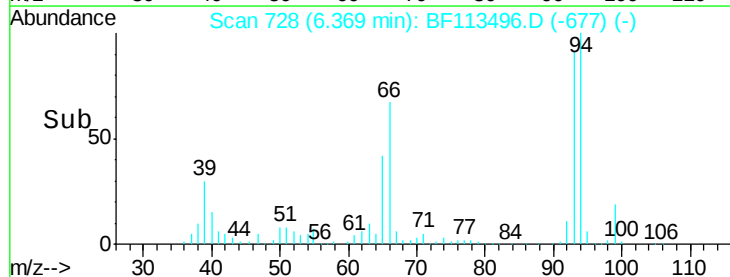
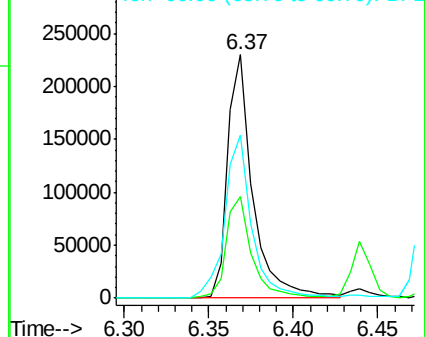
66 66.8 46.4 86.4

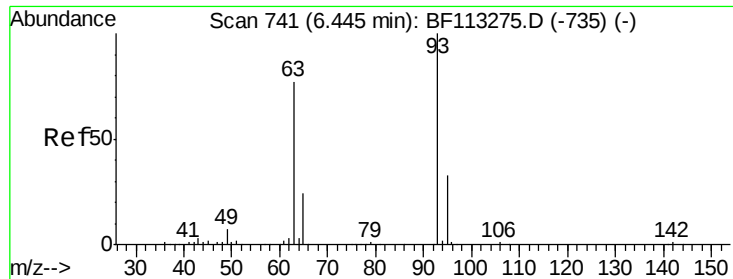


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

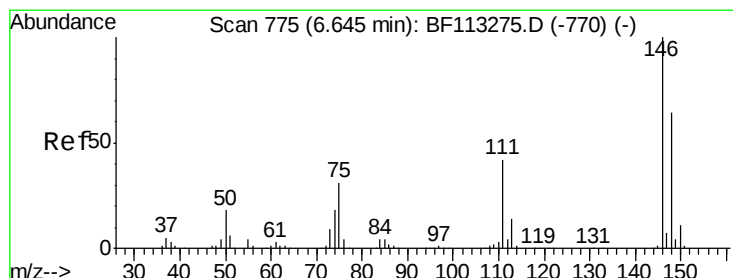
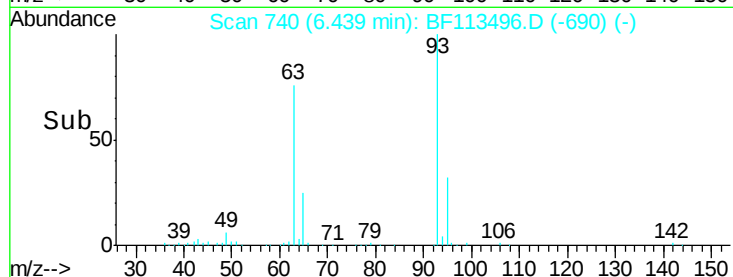
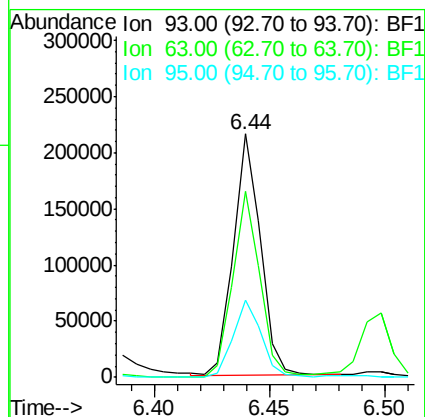
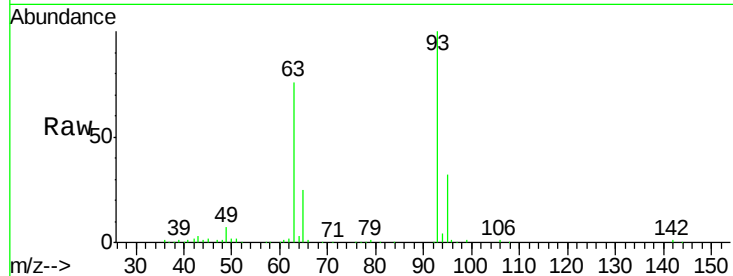




#11
bis(2-Chloroethyl)ether
Concen: 22.553 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

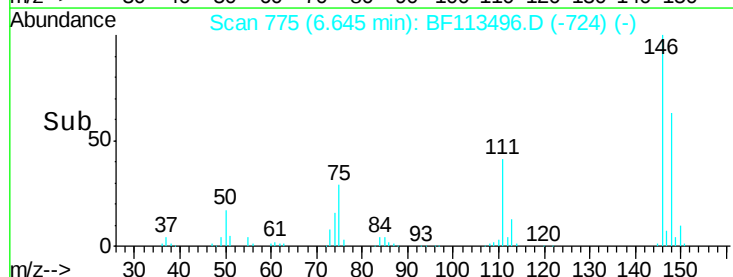
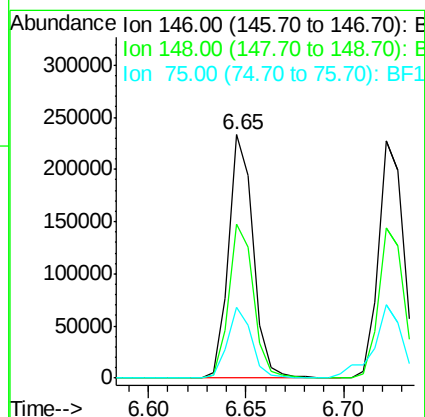
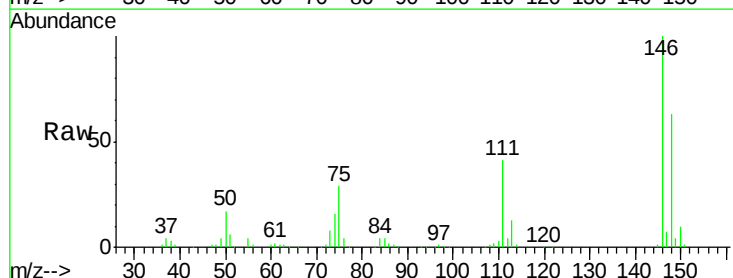
Instrument :
BNA_F
ClientSampled :

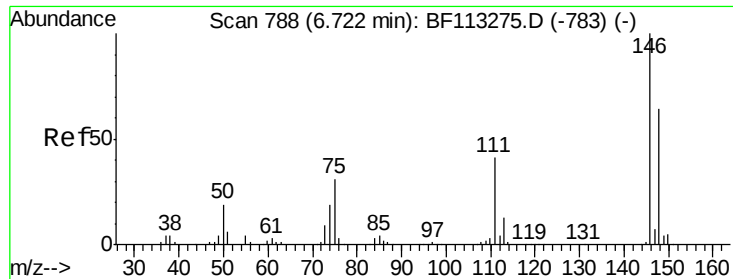
Tot Ion: 93 Resp: 177137
Ion Ratio Lower Upper
93 100
63 76.4 56.1 96.1
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 23.100 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion: 146 Resp: 205150
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
75 29.3 24.8 37.2

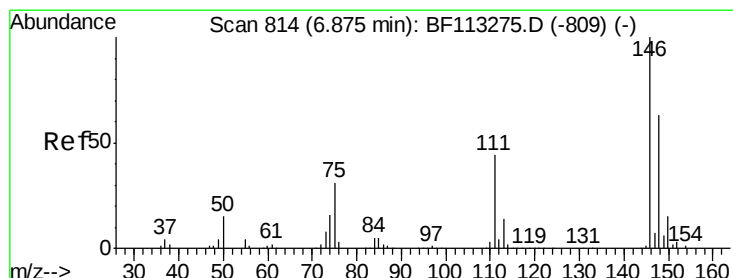
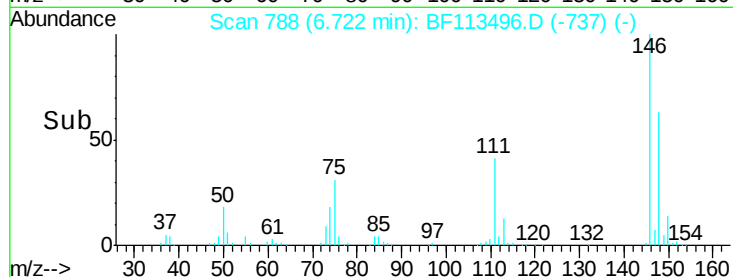
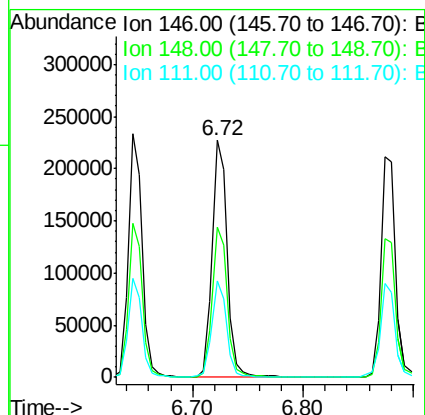
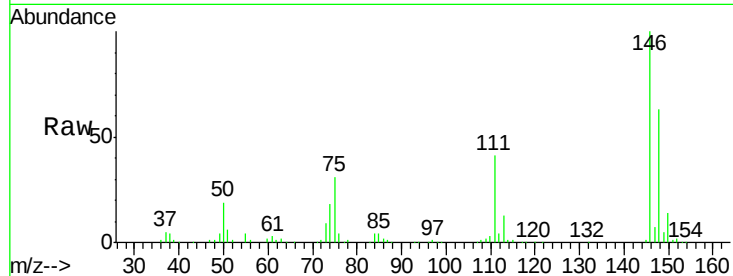




#13
 1,4-Dichlorobenzene
 Concen: 24.459 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

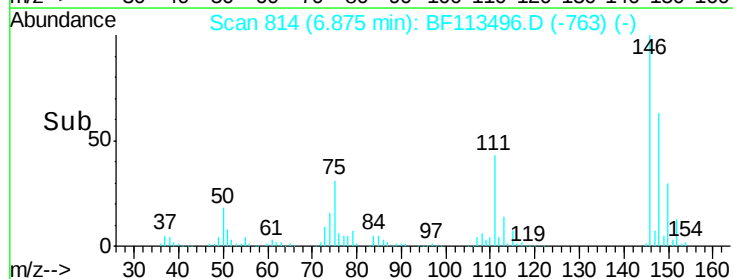
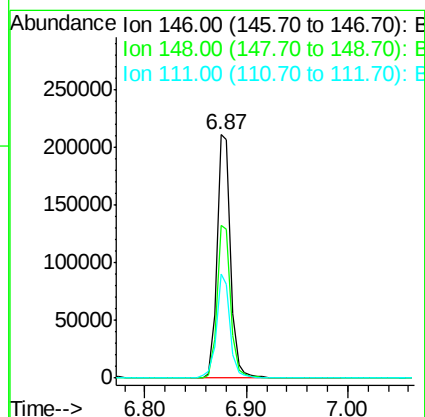
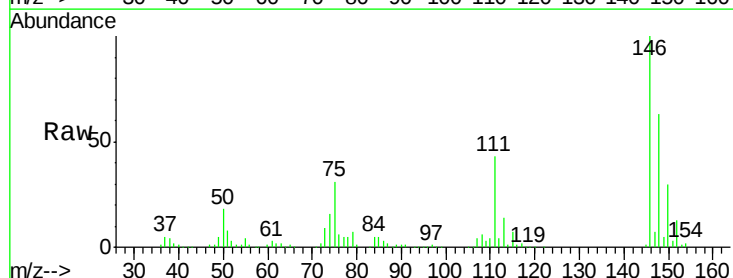
Instrument :
 BNA_F
 ClientSampleId :

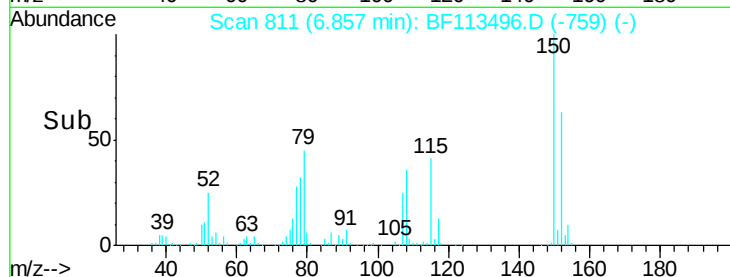
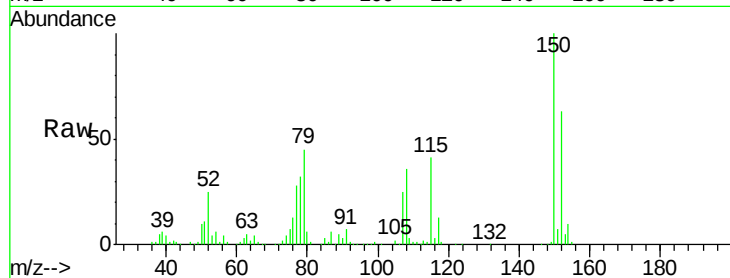
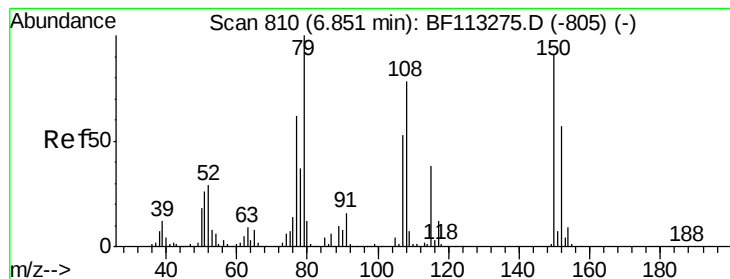
Tot Ion:146 Resp: 209727
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 40.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 23.461 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:146 Resp: 197914
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.4
 111 42.5 35.4 53.2





#15

Benzyl Alcohol

Concen: 23.833 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampled :

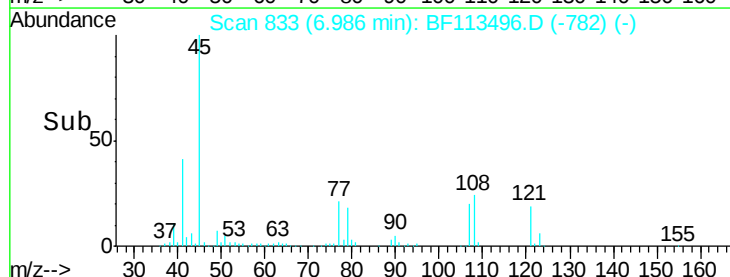
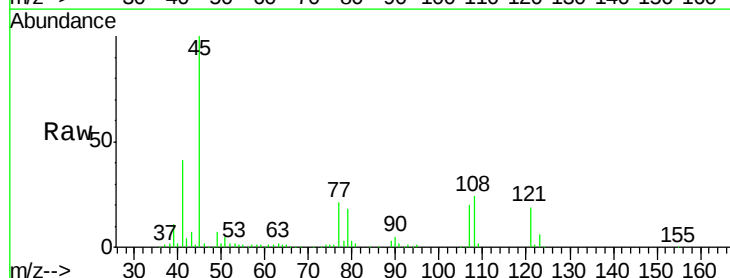
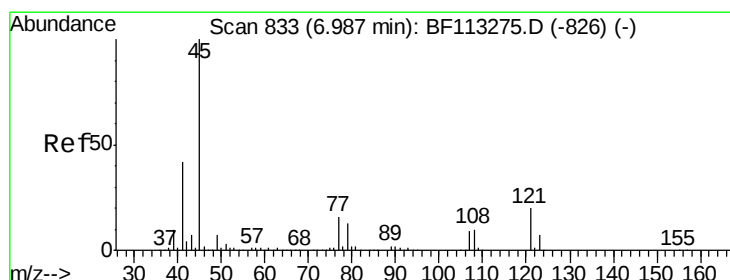
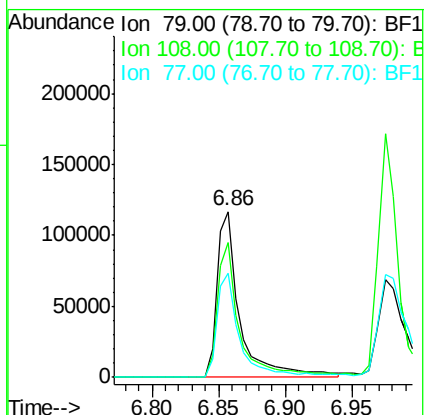
Tot Ion: 79 Resp: 141115

Ion Ratio Lower Upper

79 100

108 81.0 62.0 93.0

77 62.7 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.972 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

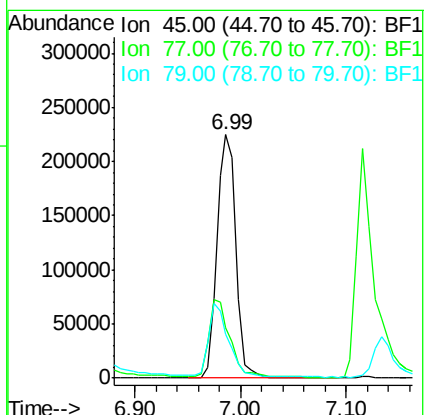
Tgt Ion: 45 Resp: 282855

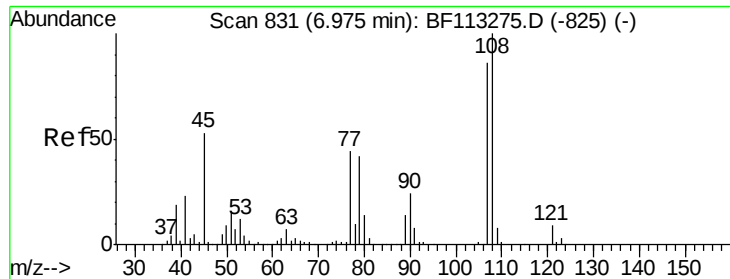
Ion Ratio Lower Upper

45 100

77 20.6 0.0 36.6

79 18.1 0.0 34.0





#17

2-Methylphenol

Concen: 23.278 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 150299

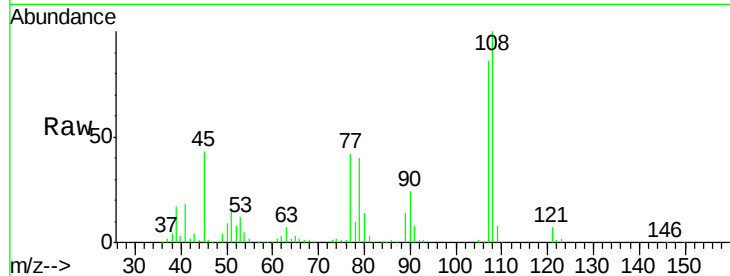
Ion Ratio Lower Upper

107 100

108 115.9 93.4 140.0

77 48.8 41.2 61.8

79 46.7 40.1 60.1

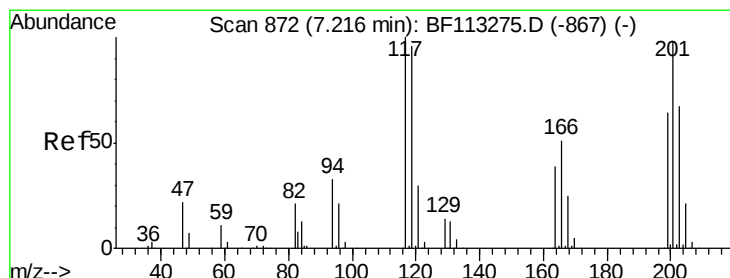
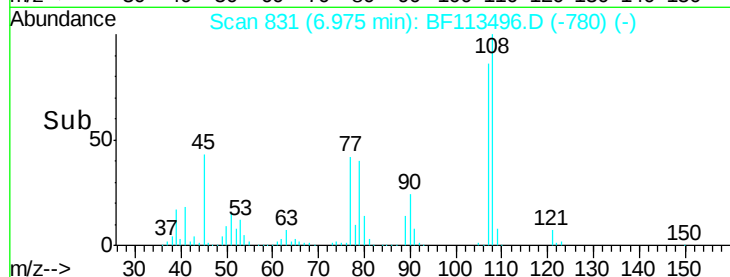
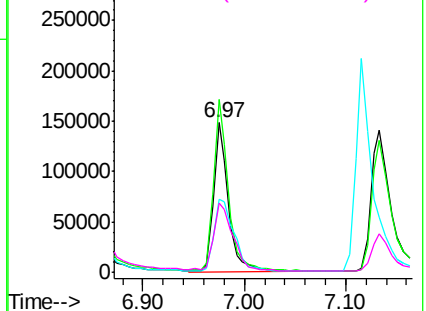


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 17.177 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

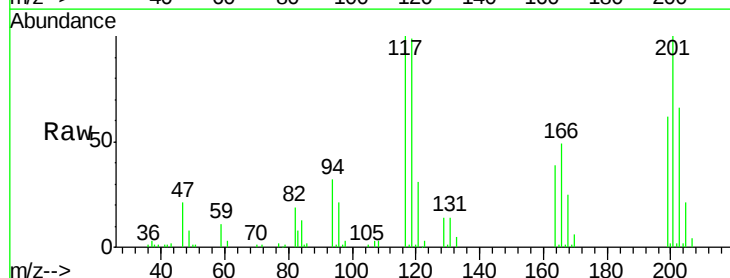
Tgt Ion:117 Resp: 52902

Ion Ratio Lower Upper

117 100

119 99.4 76.9 115.3

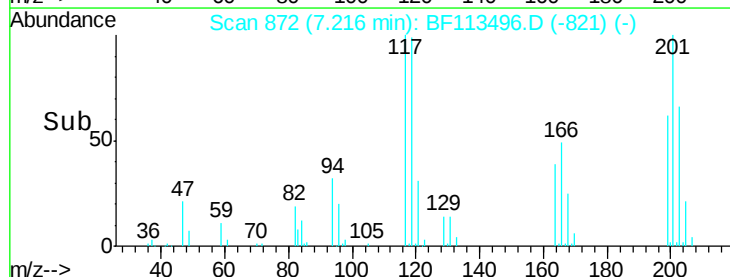
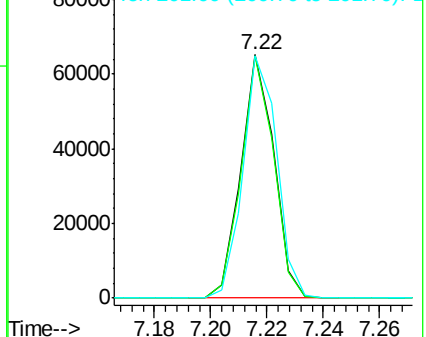
201 99.5 78.7 118.1

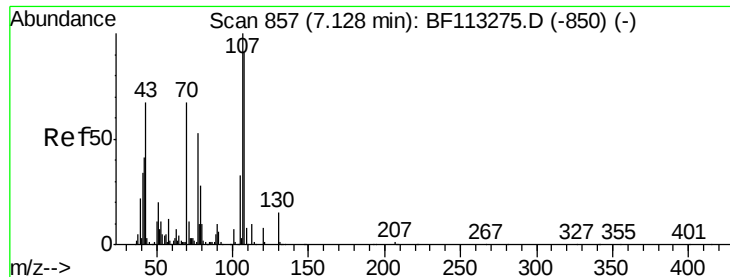


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

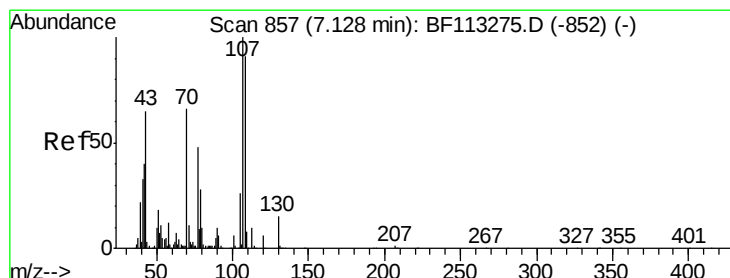
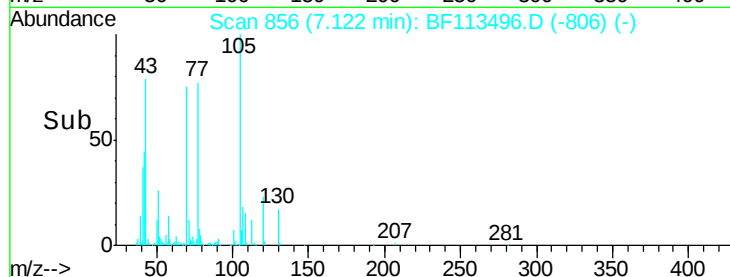
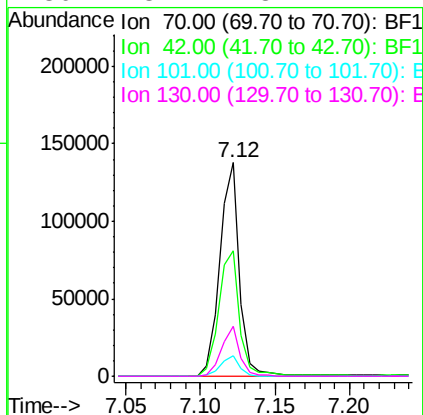
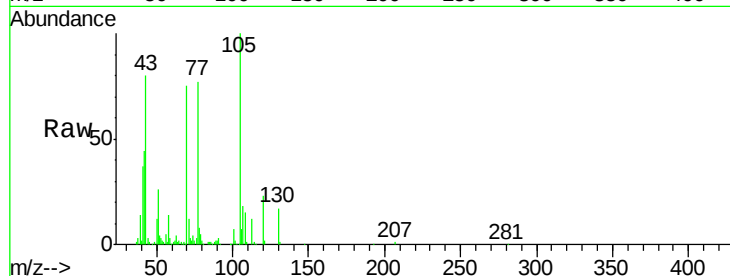




#19
n-Nitroso-di-n-propylamine
Concen: 22.629 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

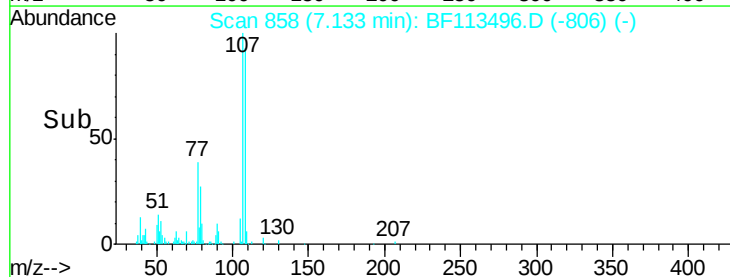
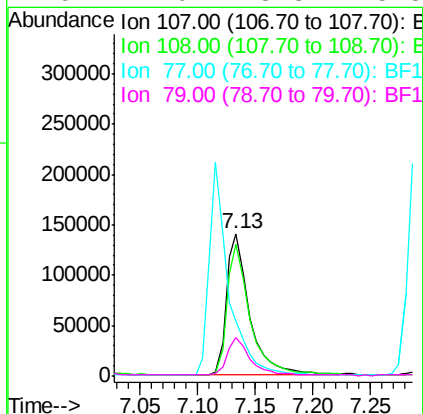
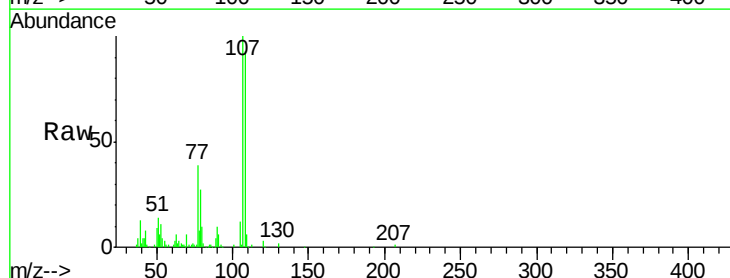
Instrument :
BNA_F
ClientSampleId :

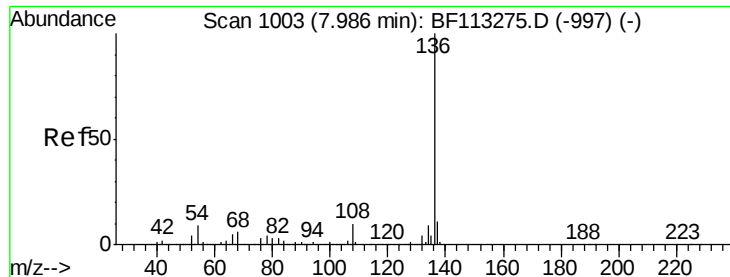
Tot Ion: 70 Resp: 127577
Ion Ratio Lower Upper
70 100
42 58.7 48.4 72.6
101 9.5 7.8 11.8
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 22.606 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:107 Resp: 195282
Ion Ratio Lower Upper
107 100
108 92.9 71.4 111.4
77 38.5 33.5 73.5
79 27.0 8.3 48.3

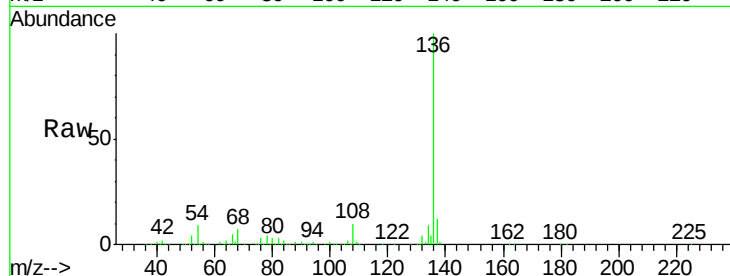




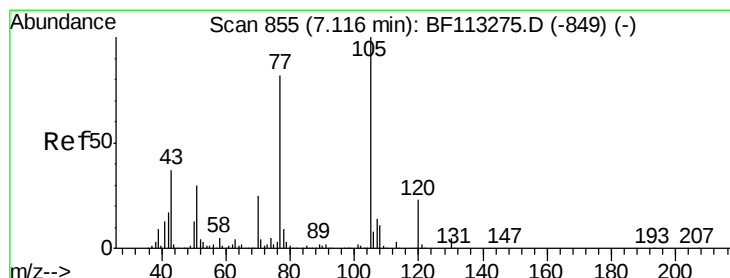
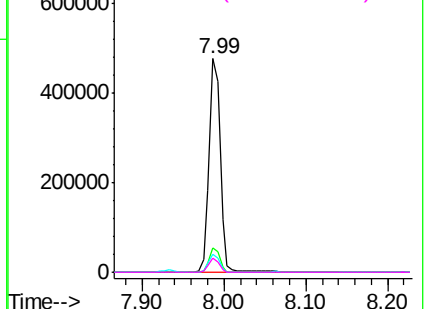
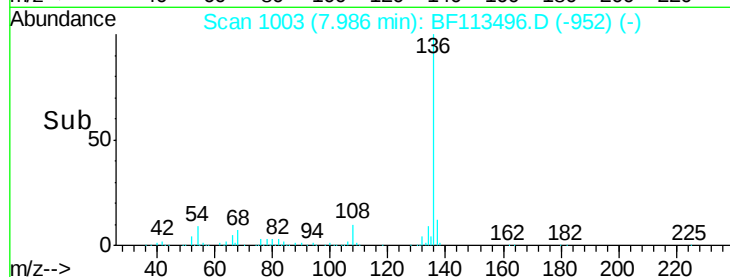
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	450550
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	8.7	7.0 10.6
68	6.5	4.8 7.2

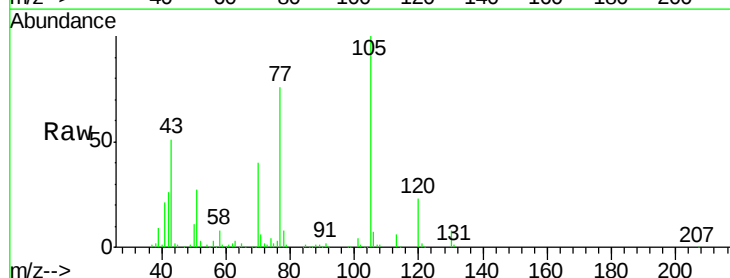


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

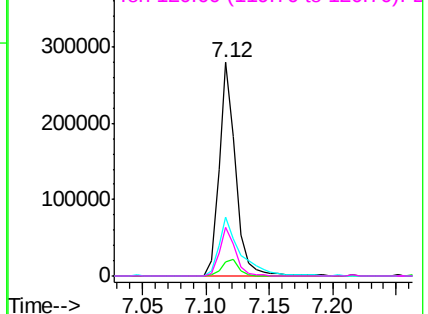
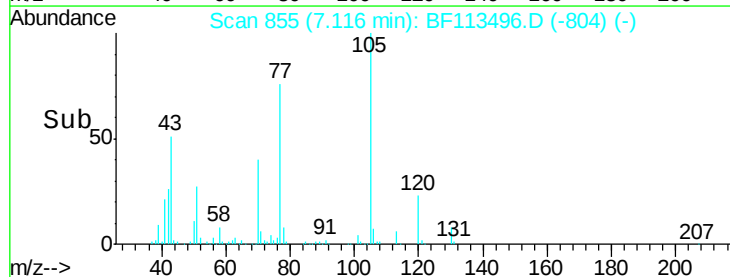


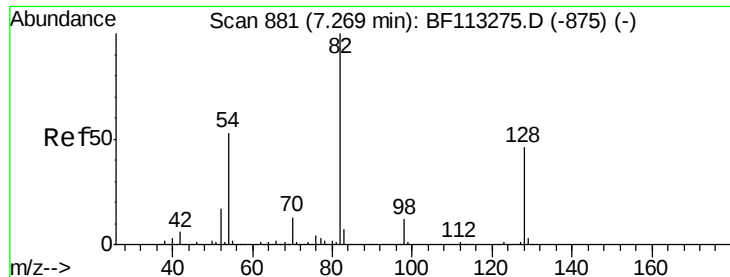
#22
Acetophenone
Concen: 24.884 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:105	Resp:	255680
Ion Ratio	Lower	Upper
105	100	
71	6.3	3.3 4.9#
51	27.4	24.2 36.2
120	22.7	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

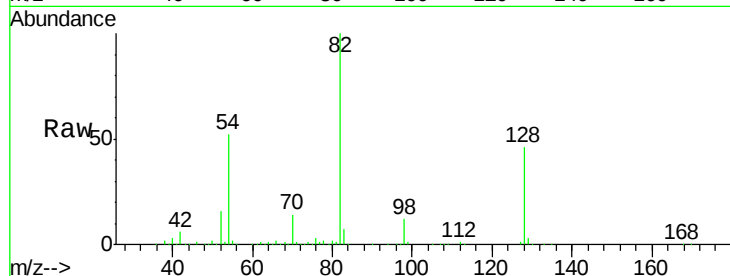




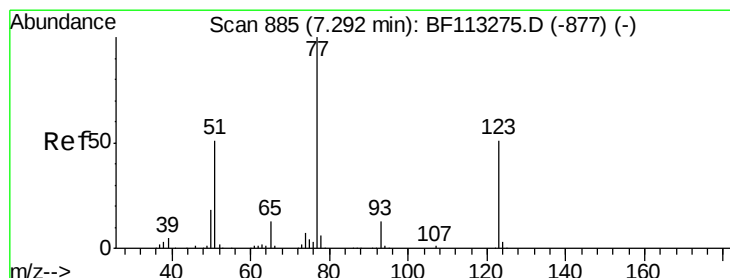
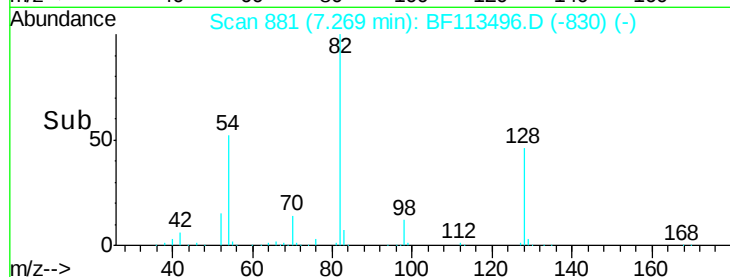
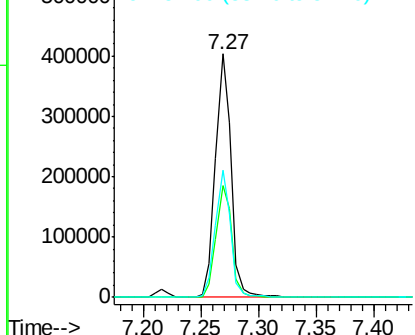
#23
Nitrobenzene-d5
Concen: 50.194 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 381016
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 52.4 42.2 63.2

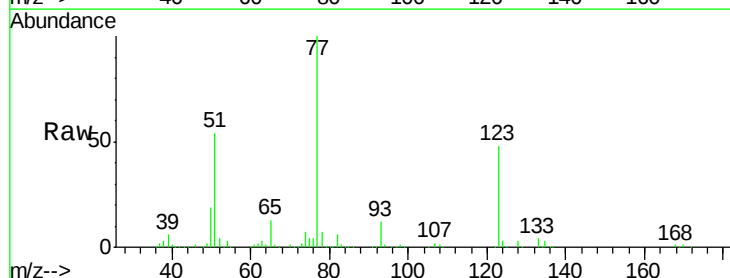


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

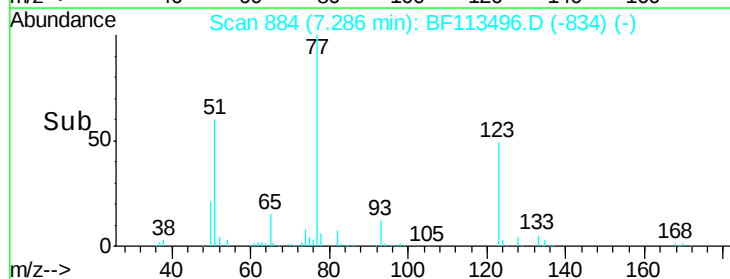
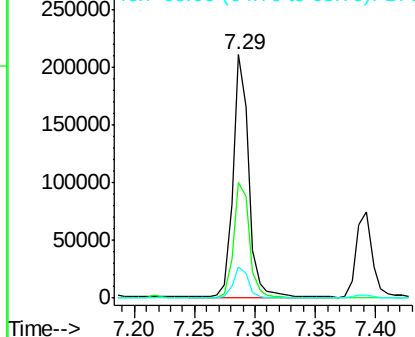


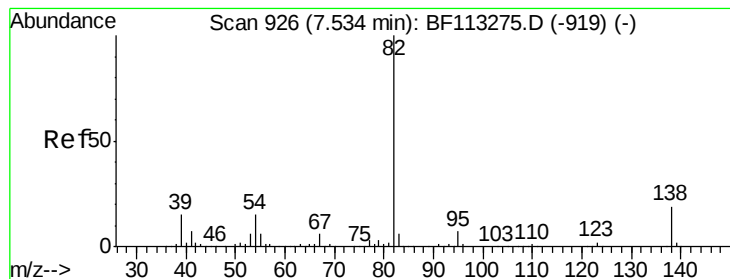
#24
Nitrobenzene
Concen: 24.120 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion: 77 Resp: 191060
Ion Ratio Lower Upper
77 100
123 47.6 40.8 61.2
65 12.9 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: 23.792 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

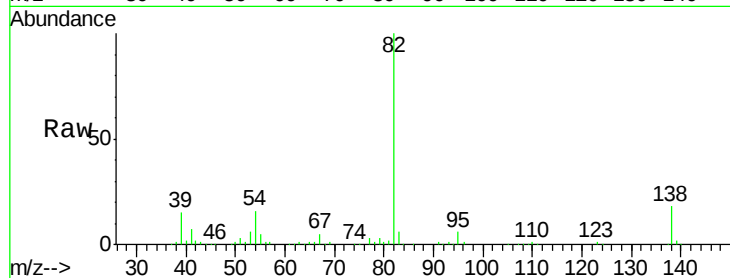
Tot Ion: 82 Resp: 349996

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

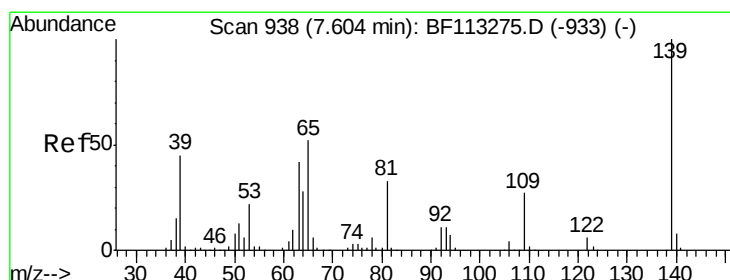
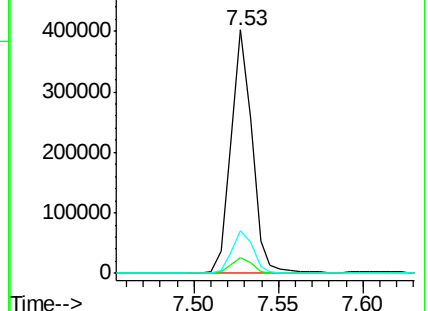
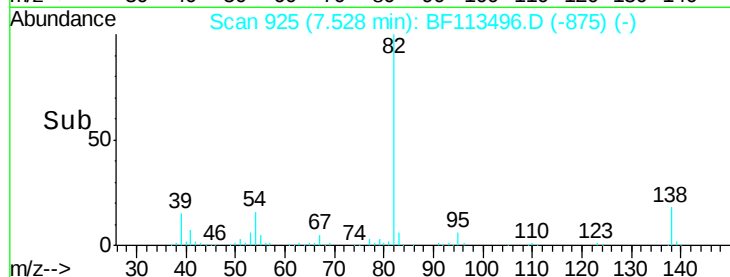
138 17.7 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 18.265 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

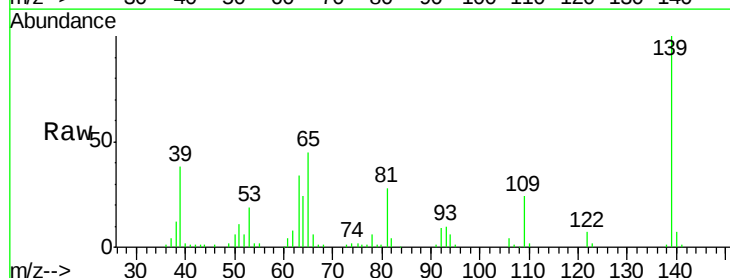
Tgt Ion: 139 Resp: 76476

Ion Ratio Lower Upper

139 100

109 24.5 21.7 32.5

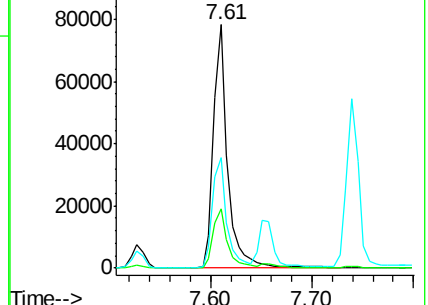
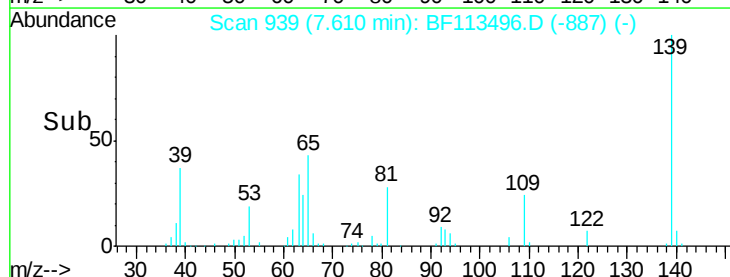
65 45.2 41.6 62.4

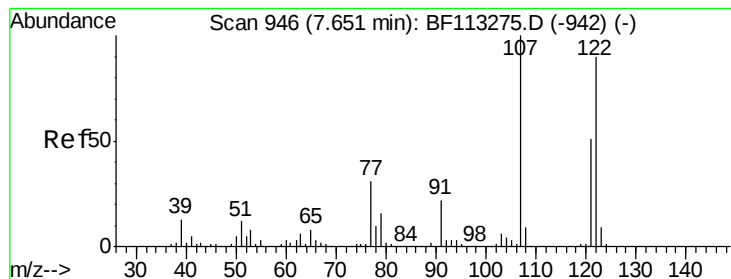


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 28.059 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampled :

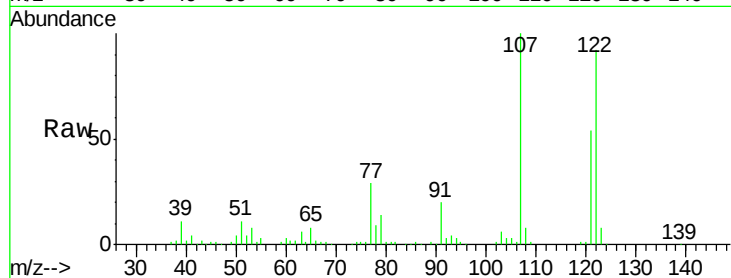
Tot Ion:122 Resp: 168994

Ion Ratio Lower Upper

122 100

107 109.0 88.8 133.2

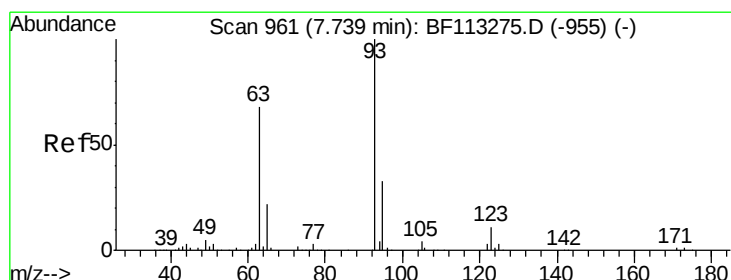
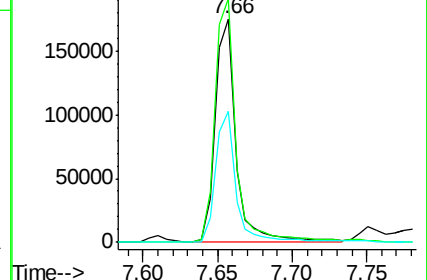
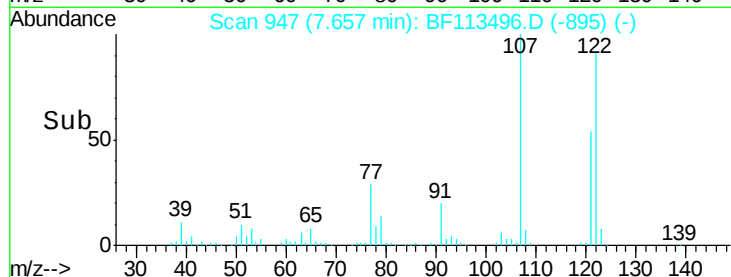
121 58.8 45.5 68.3



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: 24.504 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

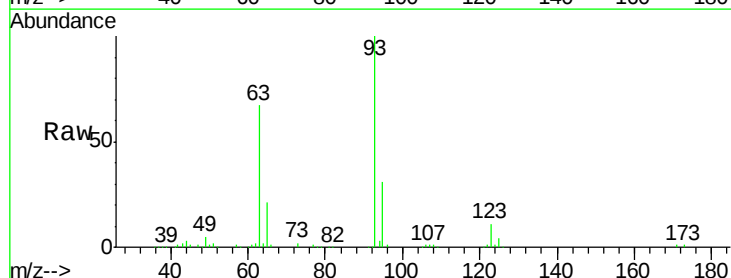
Tgt Ion: 93 Resp: 227006

Ion Ratio Lower Upper

93 100

95 31.3 26.0 39.0

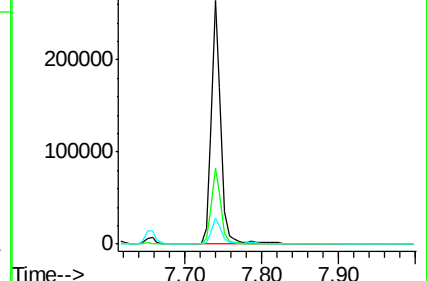
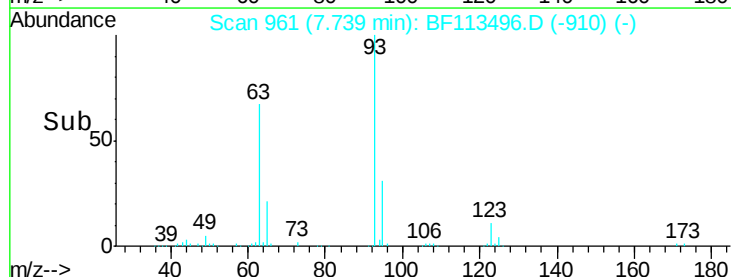
123 10.9 9.1 13.7

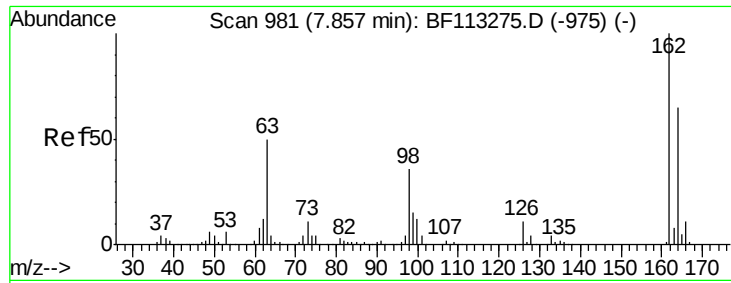


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

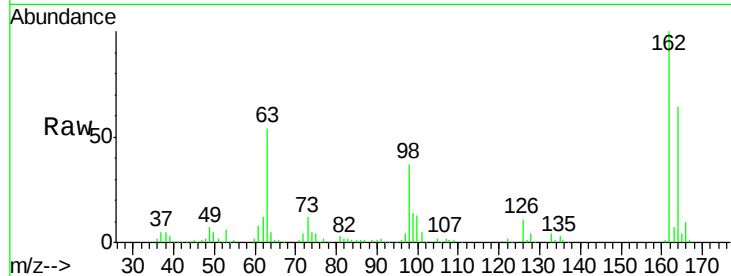




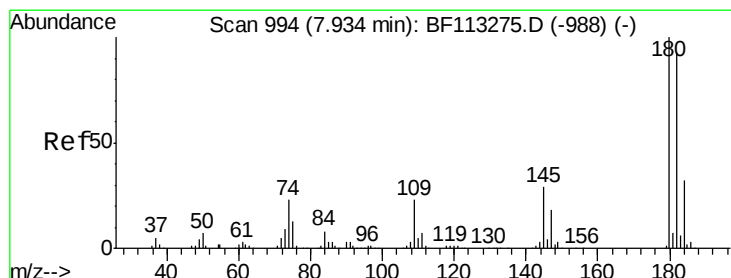
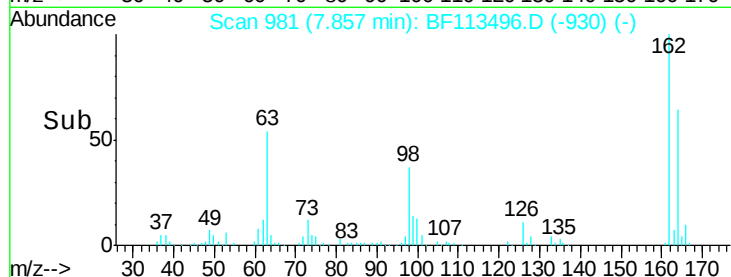
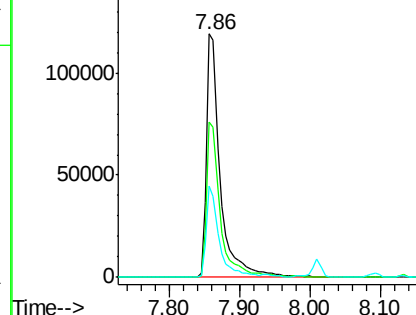
#29
 2,4-Dichlorophenol
 Concen: 24.899 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	37.2	15.6	55.6

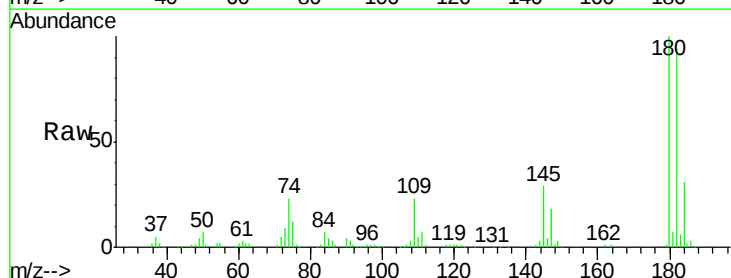


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

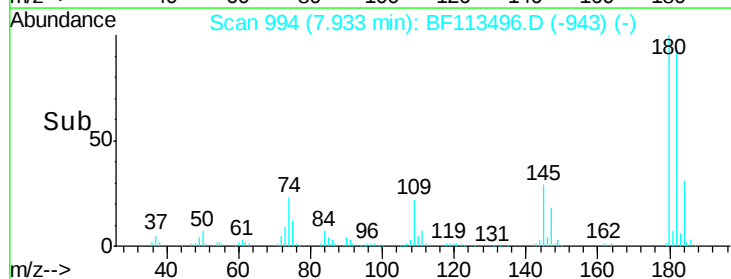
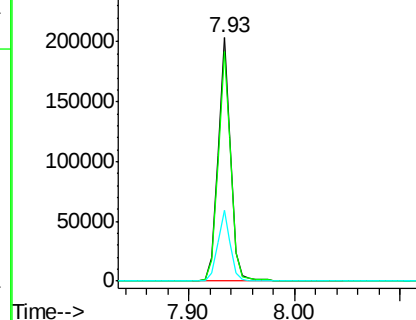


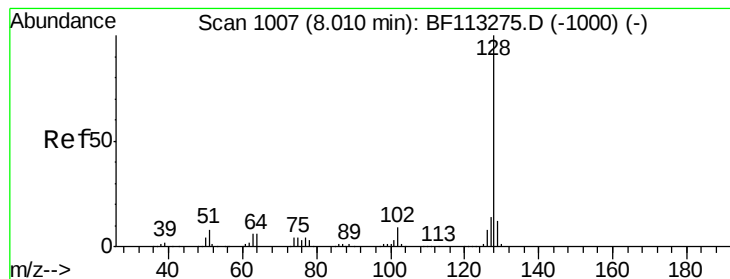
#30
 1,2,4-Trichlorobenzene
 Concen: 24.671 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	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: 25.052 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampled :

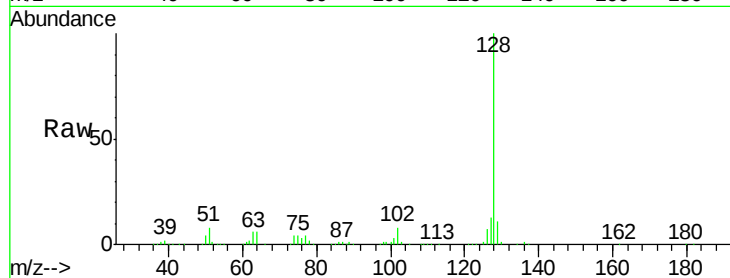
Tot Ion:128 Resp: 551575

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

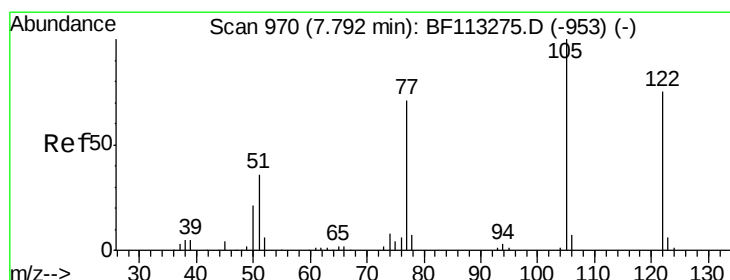
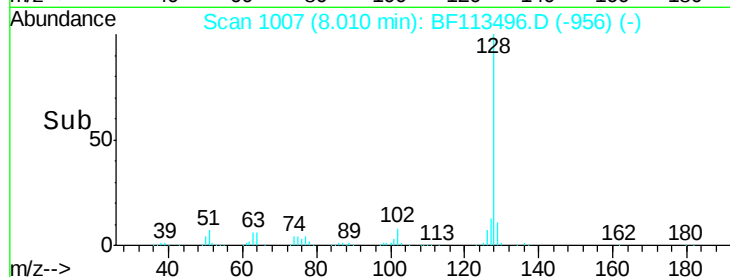
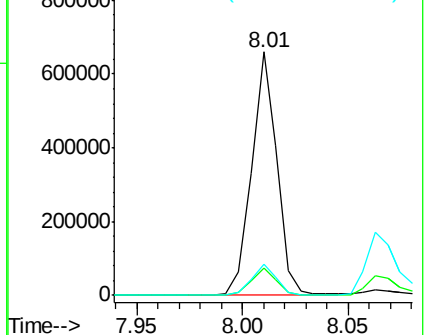
127 12.9 10.9 16.3



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: 7.283 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

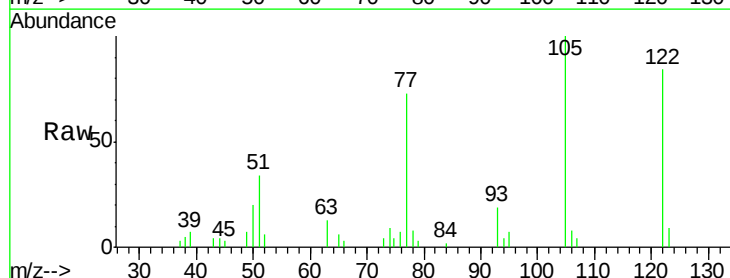
Tgt Ion:122 Resp: 35309

Ion Ratio Lower Upper

122 100

105 118.7 100.4 140.4

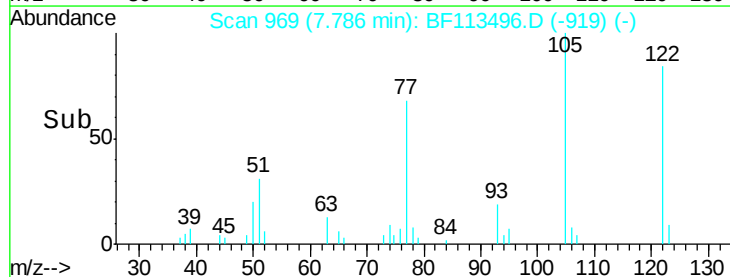
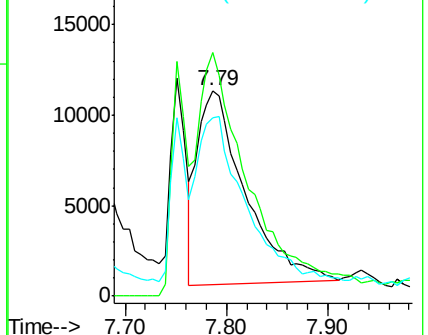
77 87.0 69.0 109.0

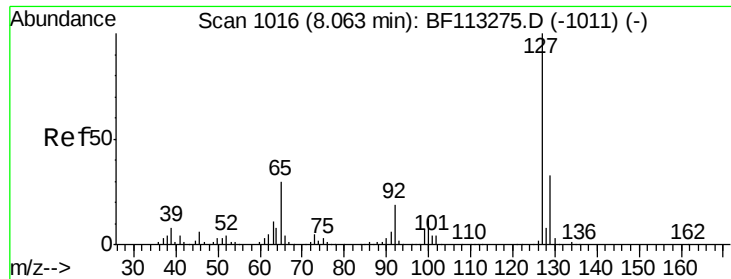


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

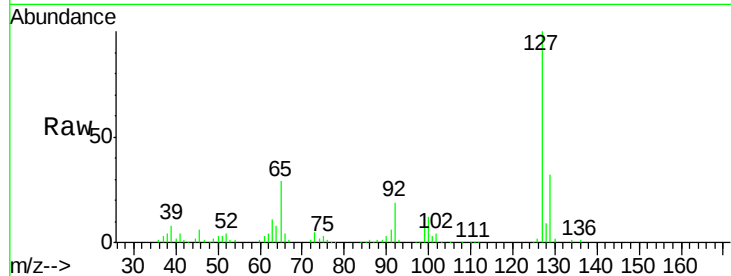




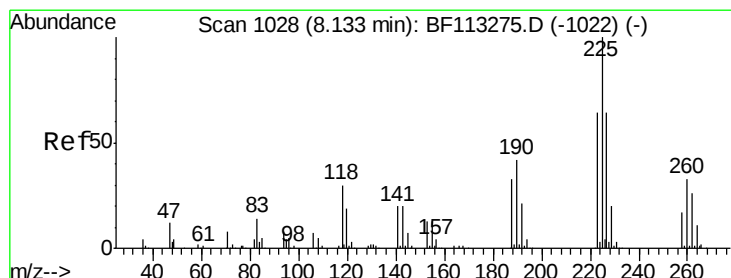
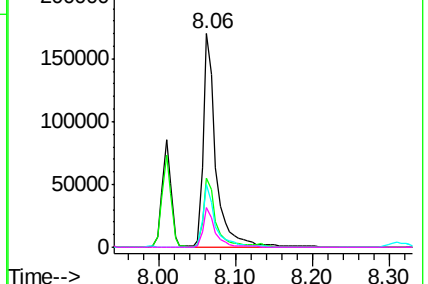
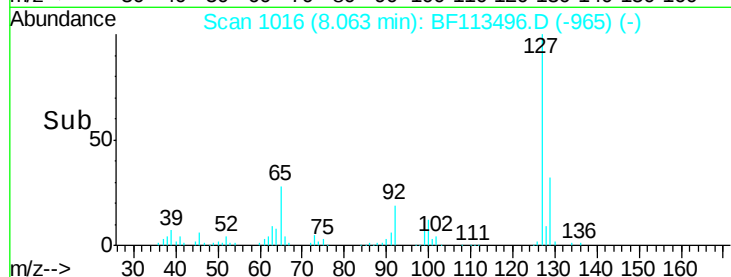
#33
4-Chloroaniline
Concen: 22.744 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	195274
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	29.2	24.2	36.4
92	18.9	15.0	22.6

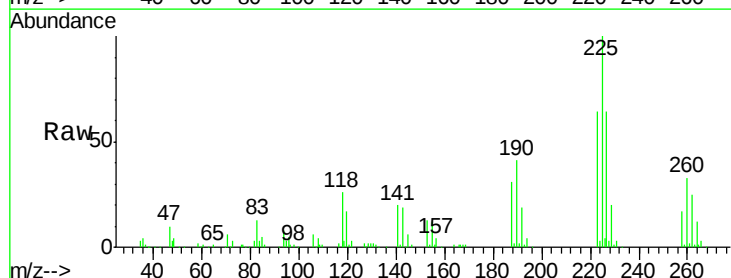


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

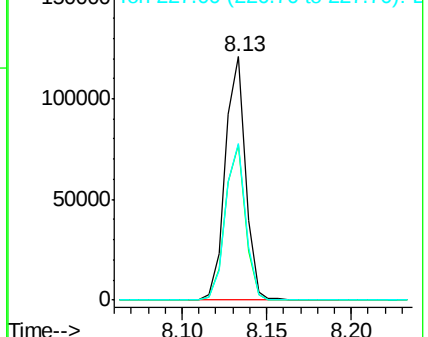
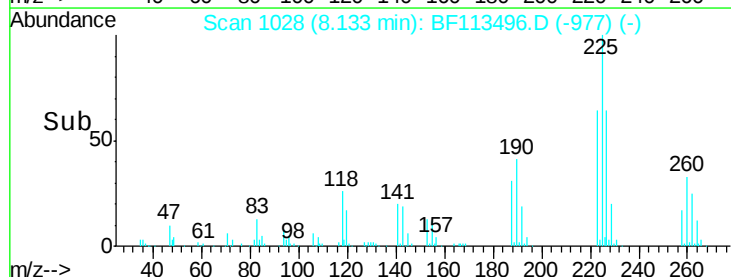


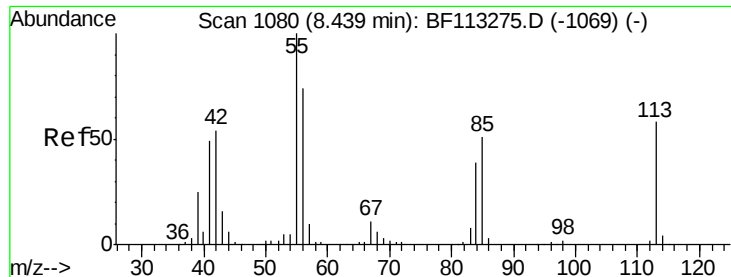
#34
Hexachlorobutadiene
Concen: 24.089 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:	225	Resp:	100819
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.2
227	64.4	51.1	76.7



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





#35

Caprolactam

Concen: 22.843 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampled :

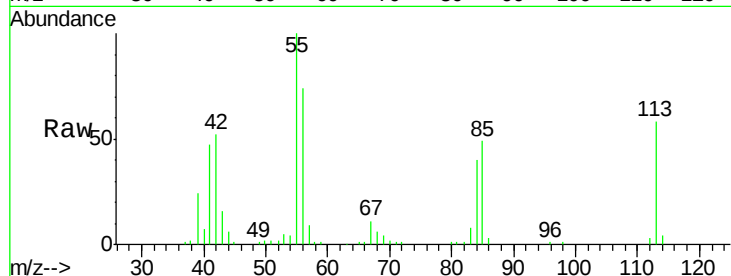
Tot Ion:113 Resp: 47850

Ion Ratio Lower Upper

113 100

55 172.4 152.7 192.7

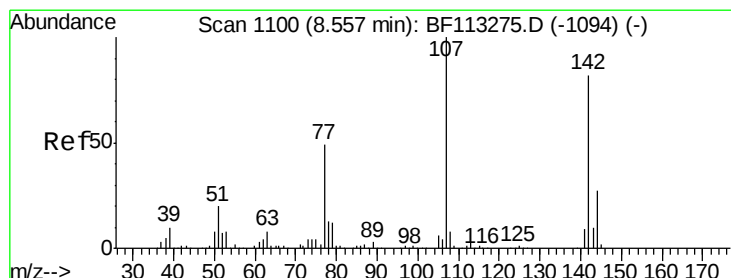
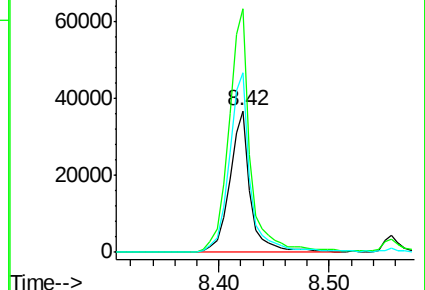
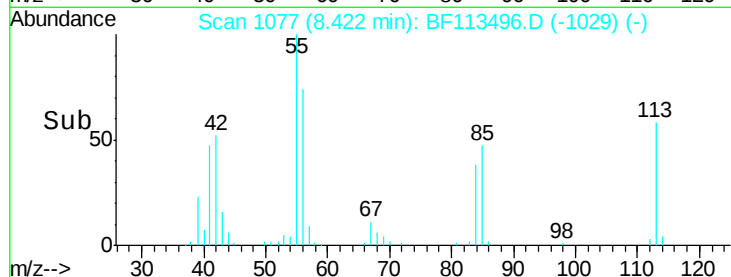
56 127.5 108.3 148.3



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: 24.643 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

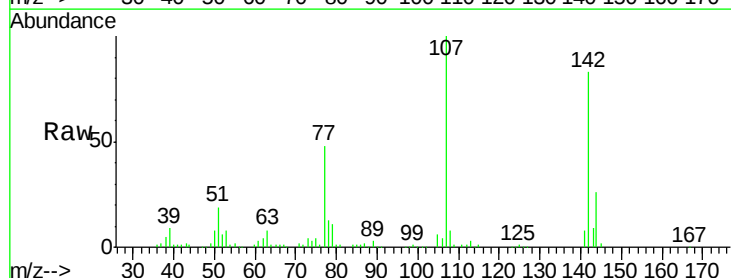
Tgt Ion:107 Resp: 161776

Ion Ratio Lower Upper

107 100

144 26.0 21.4 32.0

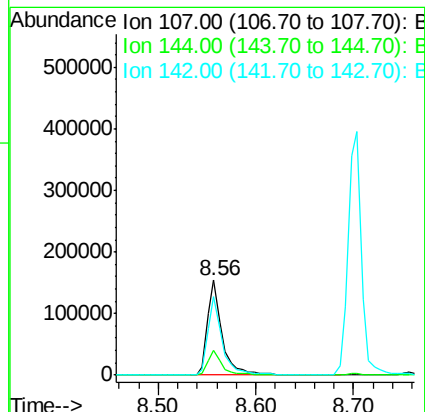
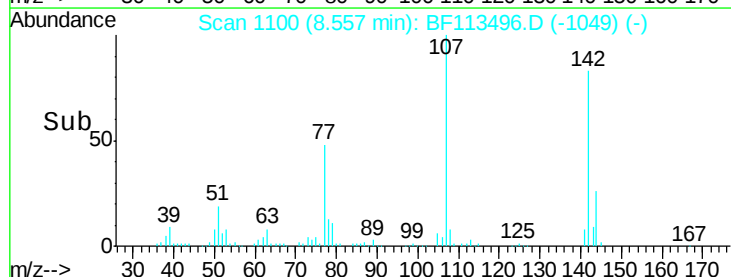
142 82.8 65.6 98.4

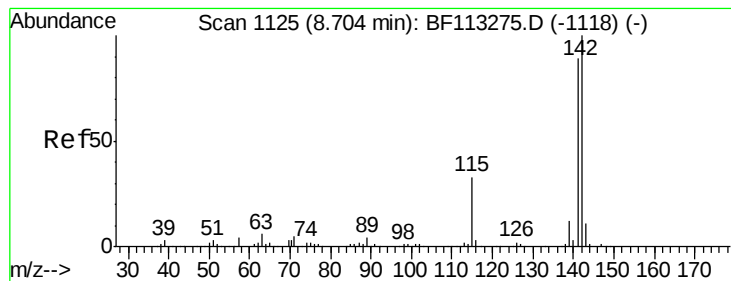


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

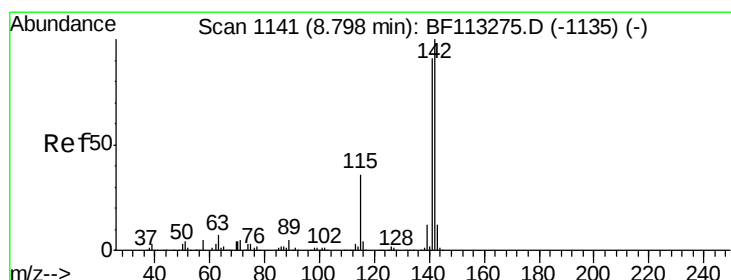
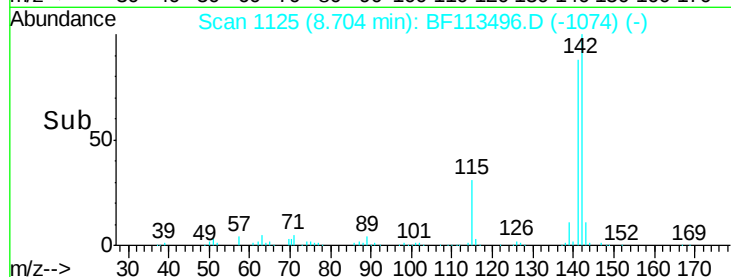
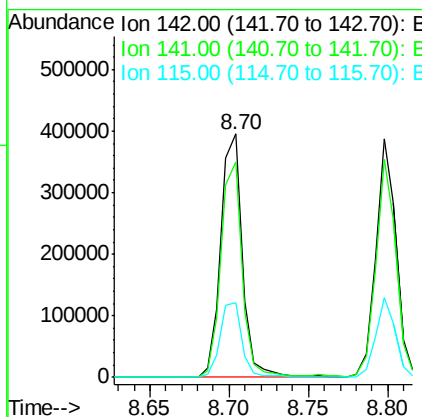
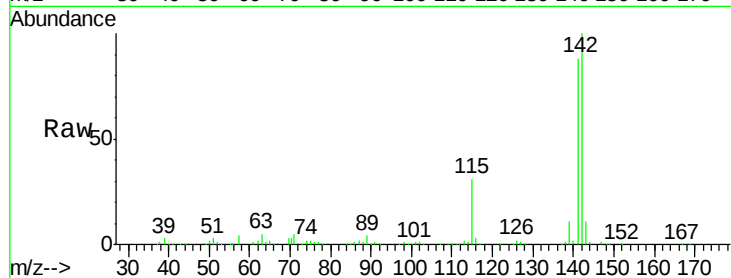




#37
2-Methylnaphthalene
Concen: 27.200 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

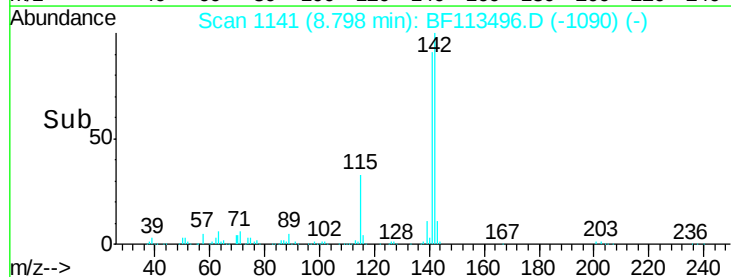
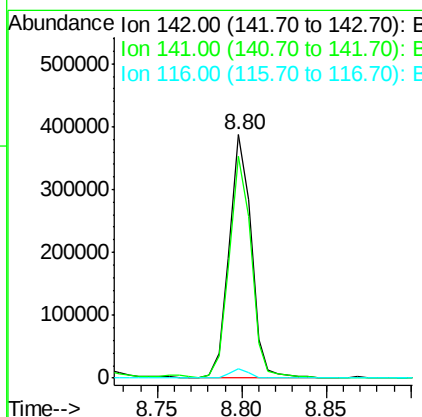
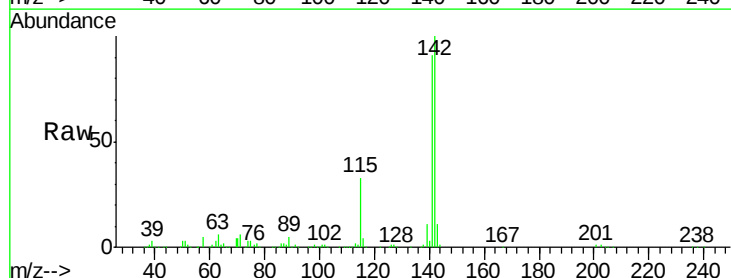
Instrument :
BNA_F
ClientSampleId :

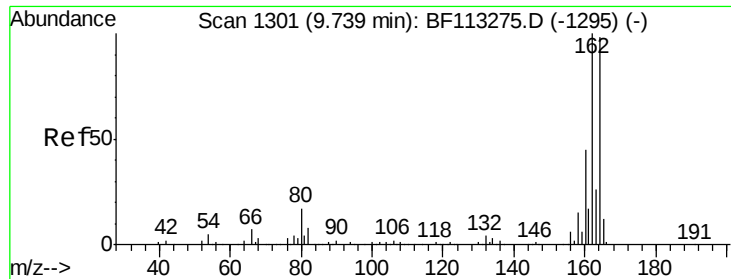
Tot Ion:142 Resp: 373677
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 30.7 26.6 39.8



#38
1-Methylnaphthalene
Concen: 26.364 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:142 Resp: 348377
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8
116 3.6 3.0 4.4

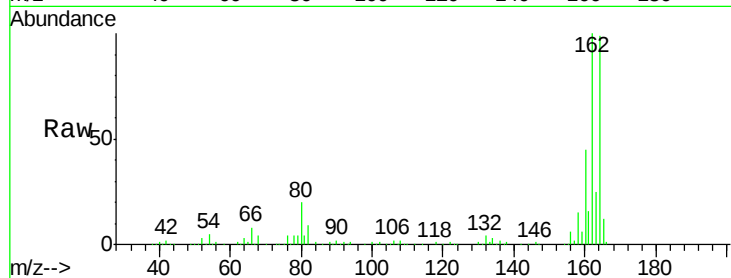




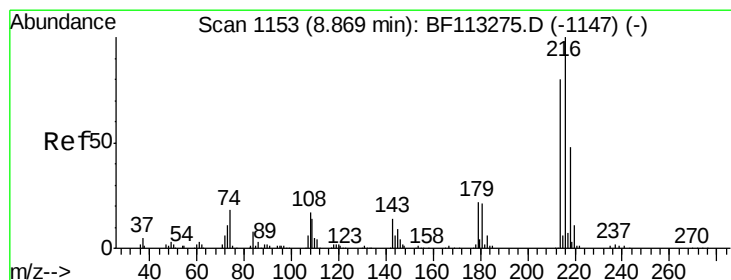
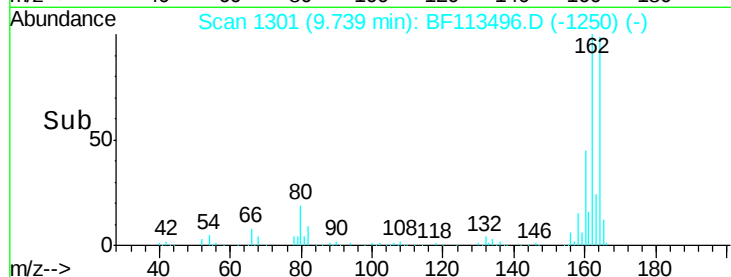
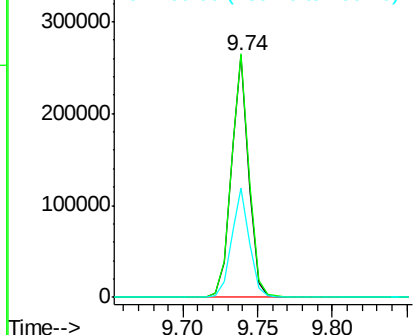
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 215990
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 45.3 36.4 54.6

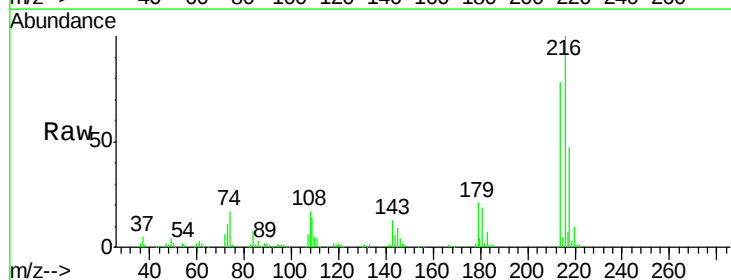


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

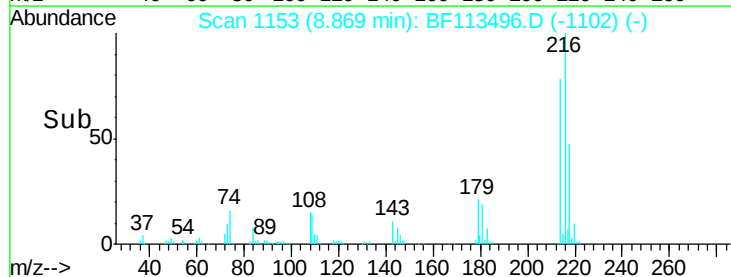
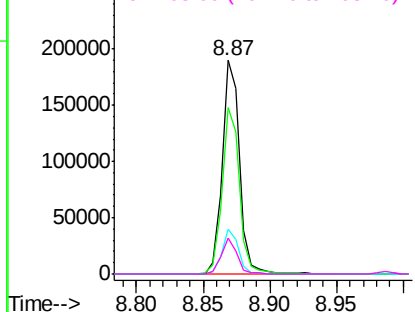


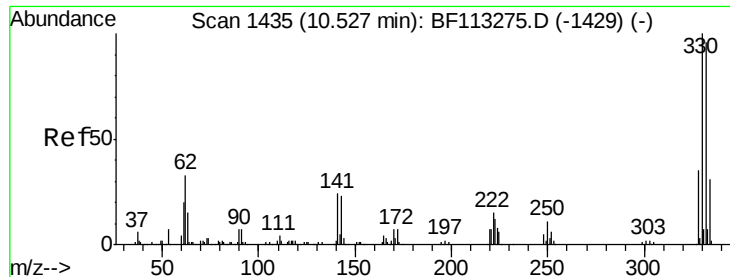
#40
1,2,4,5-Tetrachlorobenzene
Concen: 25.173 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:216 Resp: 174533
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 19.8 16.8 25.2
108 15.4 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

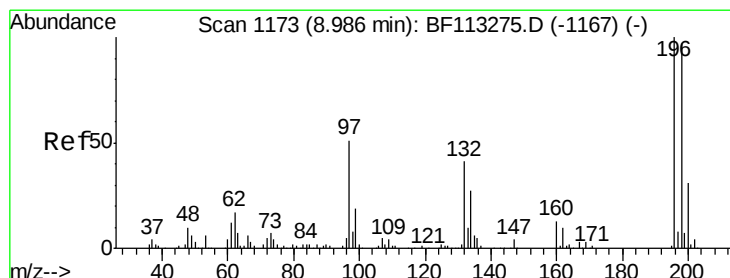
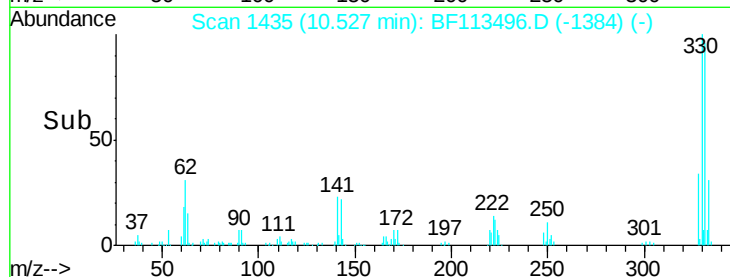
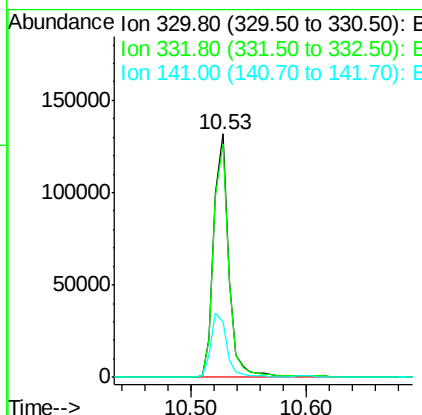
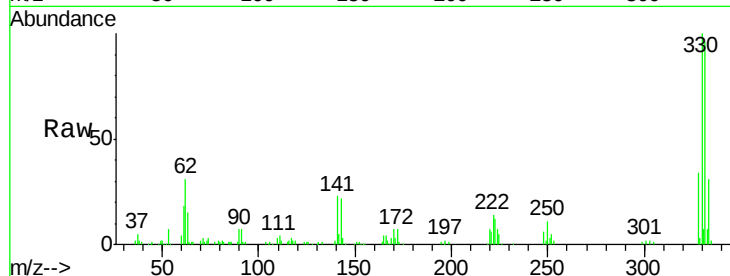




#42
 2,4,6-Tribromophenol
 Concen: 45.114 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

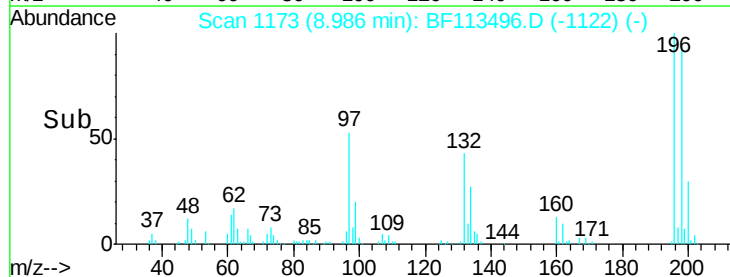
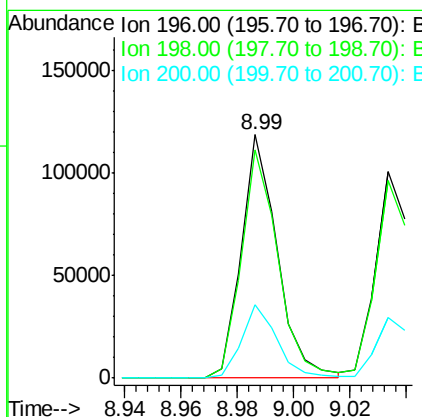
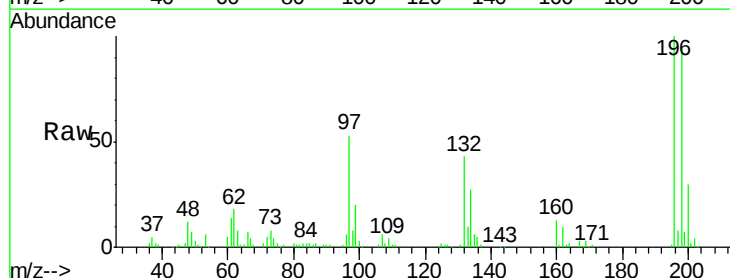
Instrument :
 BNA_F
 ClientSampleId :

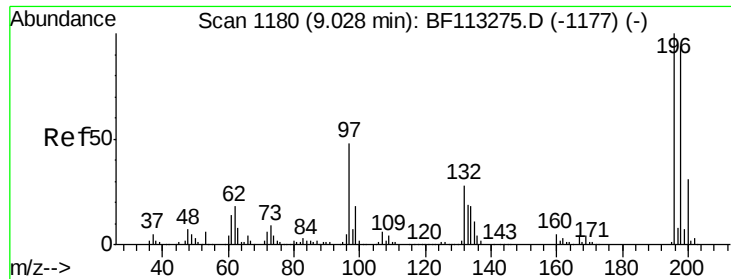
Tot Ion:330 Resp: 120364
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 27.6 22.7 34.1



#43
 2,4,6-Trichlorophenol
 Concen: 23.251 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:196 Resp: 104975
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.7 116.5
 200 30.2 24.9 37.3

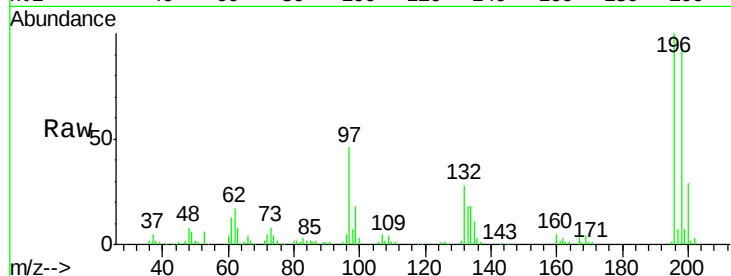




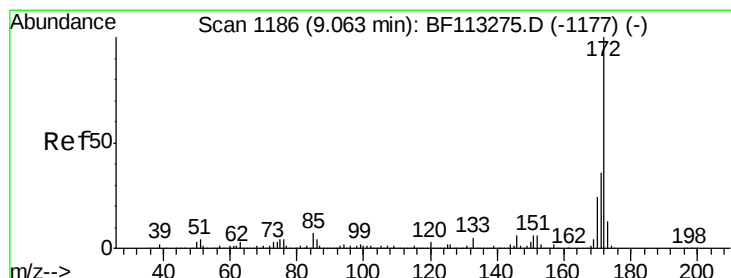
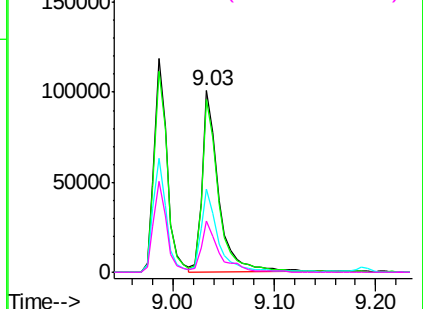
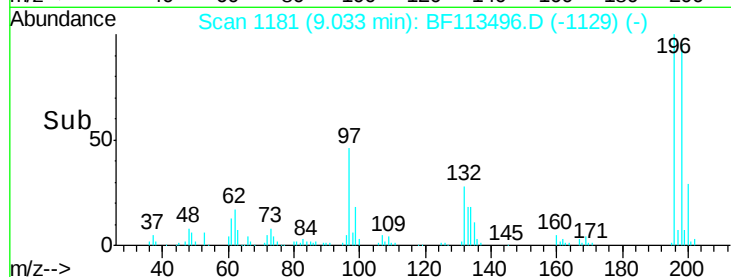
#44
 2,4,5-Trichlorophenol
 Concen: 22.909 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	114467
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.4	113.2
97	45.9	38.6	58.0
132	28.0	22.9	34.3

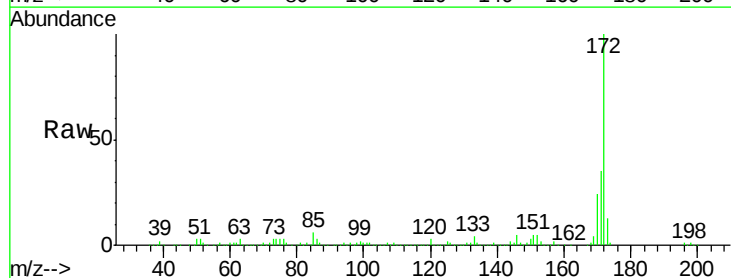


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

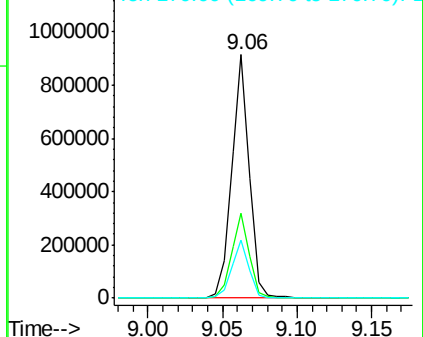
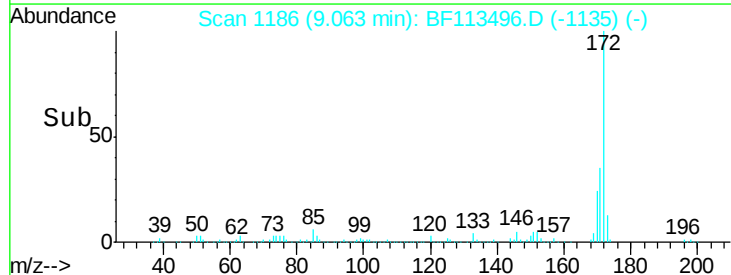


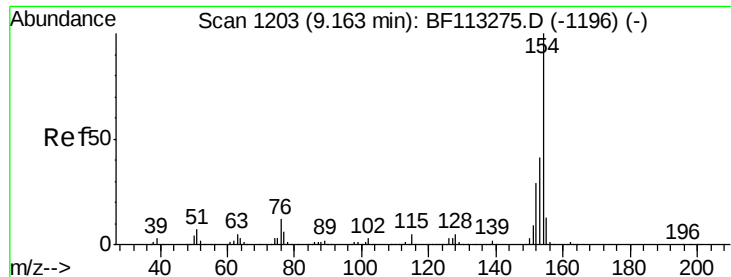
#45
 2-Fluorobiphenyl
 Concen: 47.851 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	172	Resp	765631
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.0	43.6
170	24.0	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

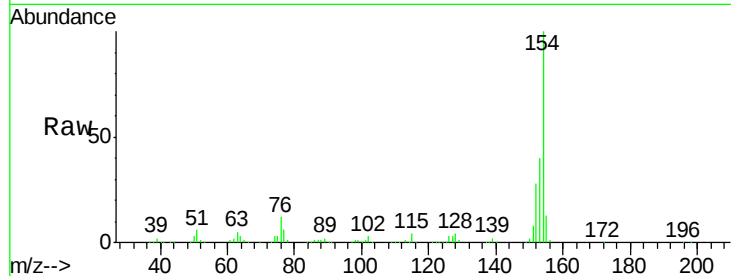




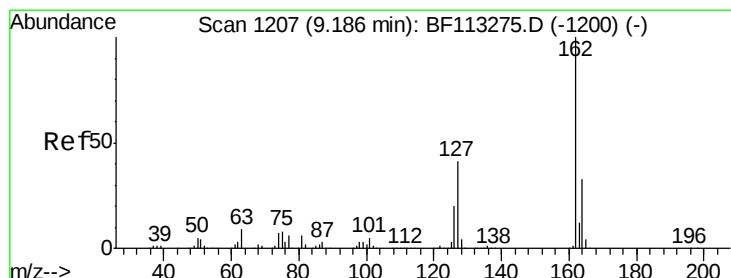
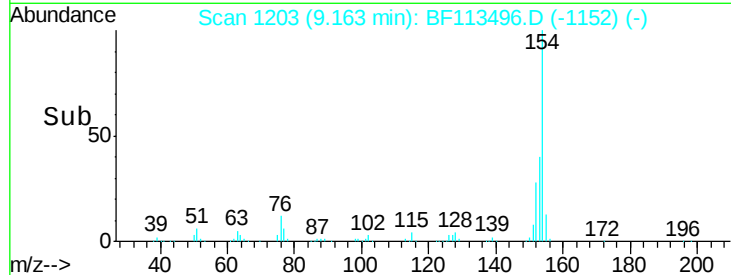
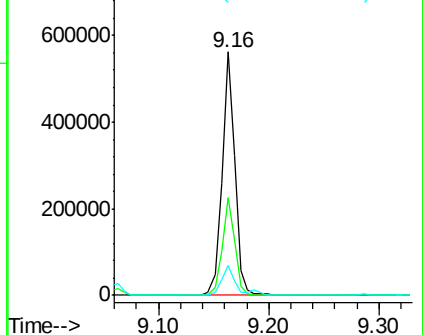
#46
 1,1'-Biphenyl
 Concen: 25.257 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.8	60.8
76	12.3	0.0	31.9

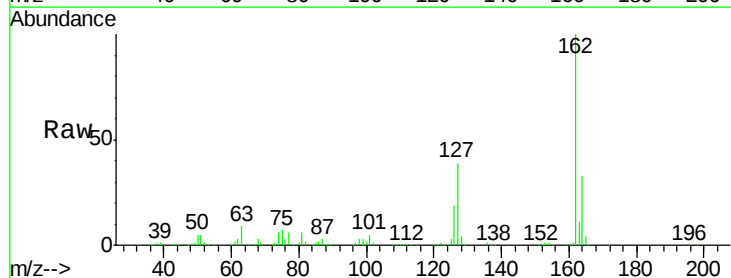


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

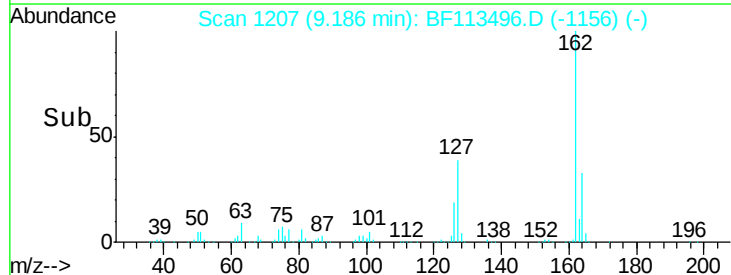
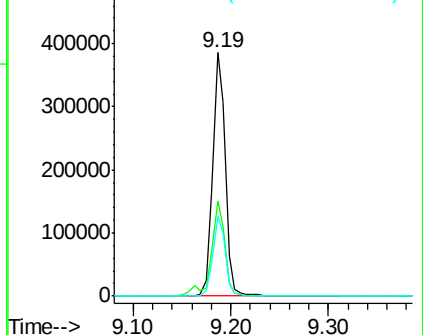


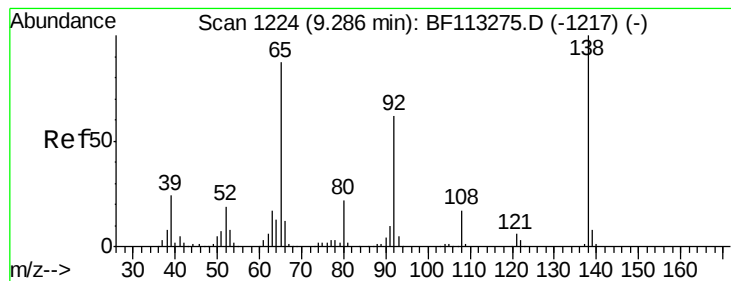
#47
 2-Chloronaphthalene
 Concen: 24.842 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.6	49.0
164	33.0	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 24.956 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

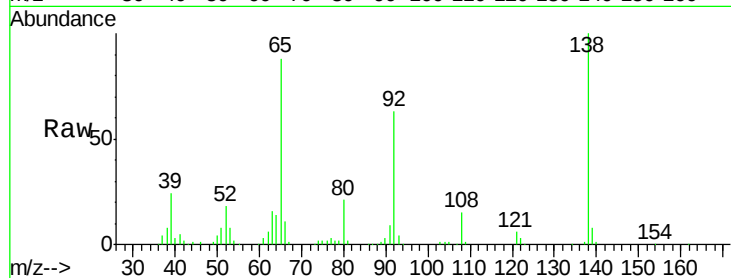
Tot Ion: 65 Resp: 108779

Ion Ratio Lower Upper

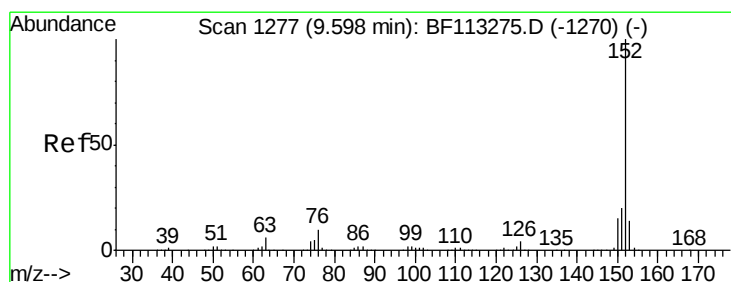
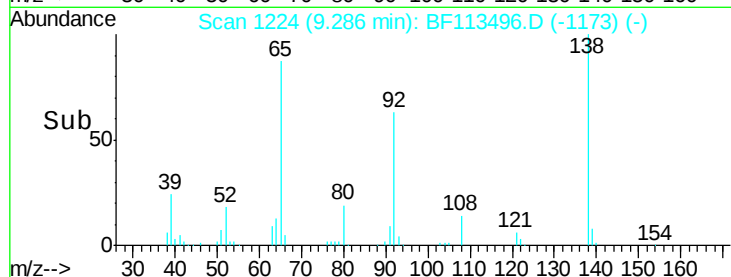
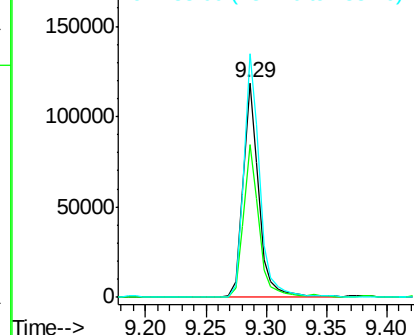
65 100

92 71.6 56.8 85.2

138 113.7 92.3 138.5



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



#49

Acenaphthylene

Concen: 24.666 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

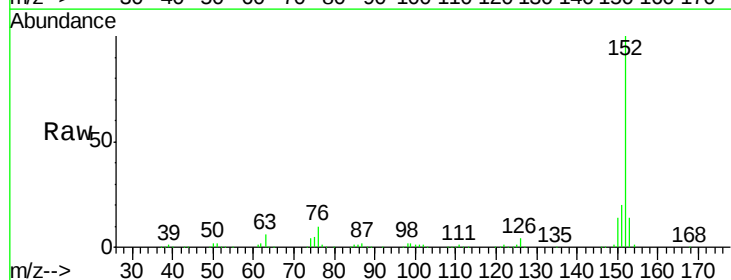
Tgt Ion: 152 Resp: 553944

Ion Ratio Lower Upper

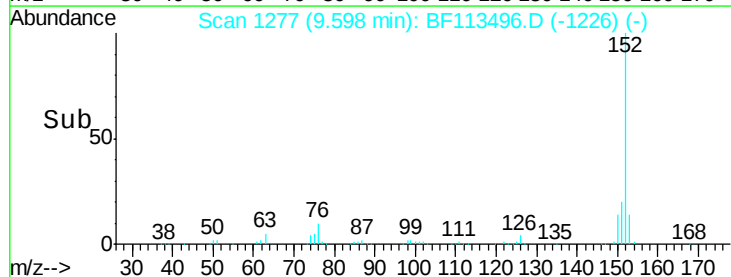
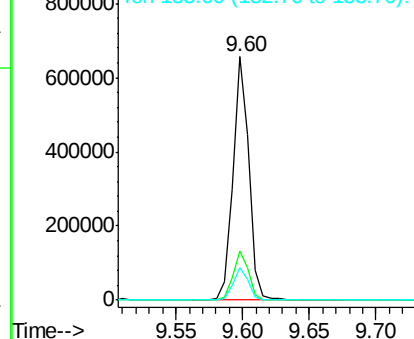
152 100

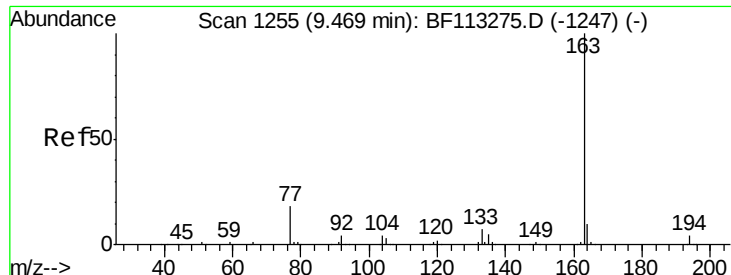
151 19.9 16.2 24.4

153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

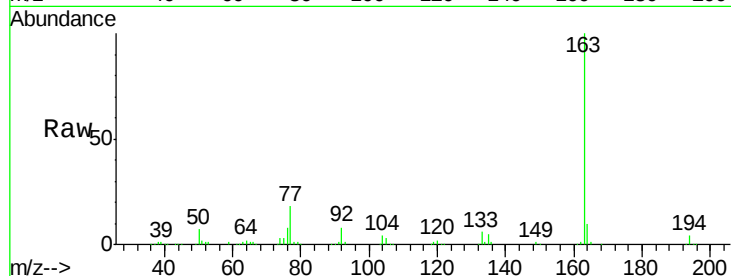




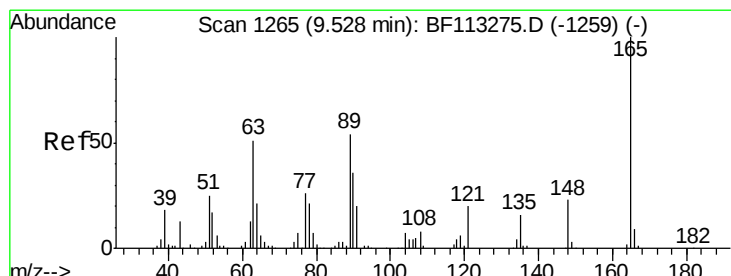
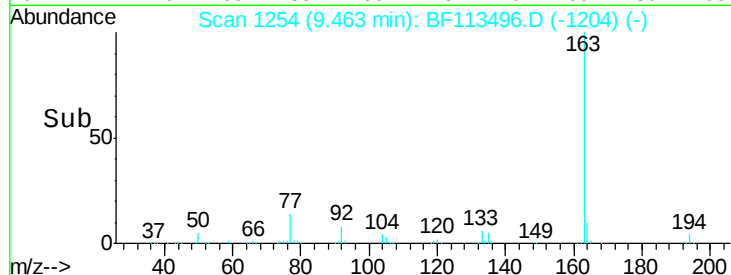
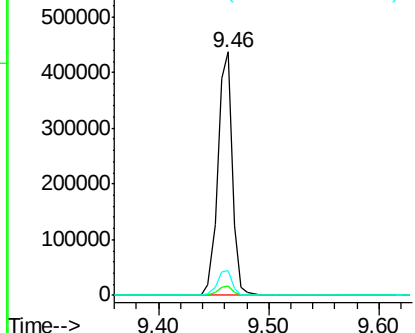
#50
Dimethylphthalate
Concen: 24.900 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	8.1	12.1

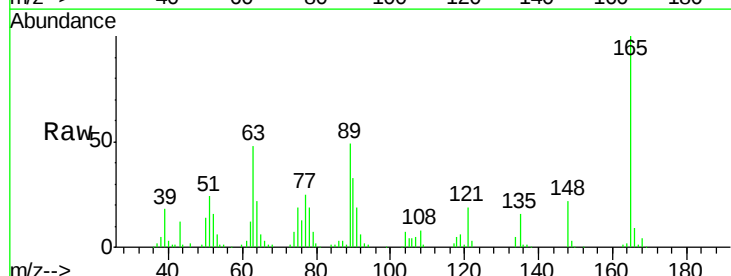


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

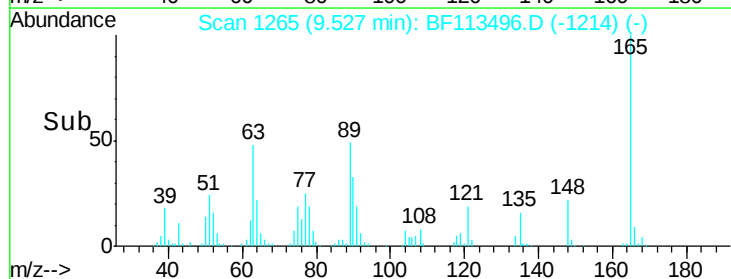
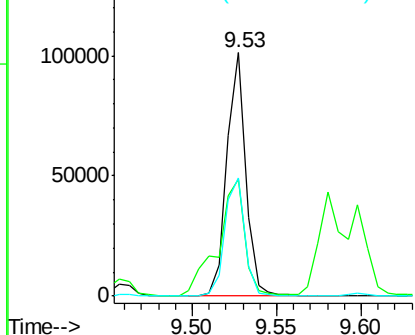


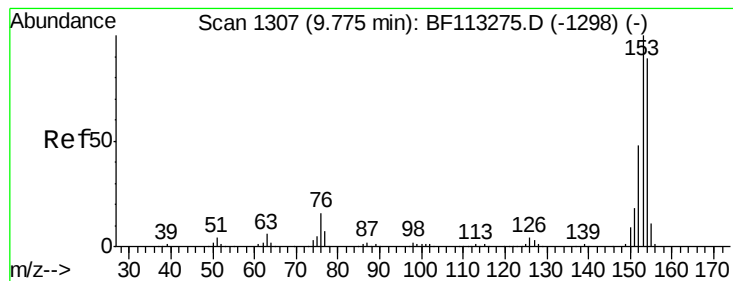
#51
2,6-Dinitrotoluene
Concen: 21.824 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.1	43.4	65.0
89	48.6	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: 24.837 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

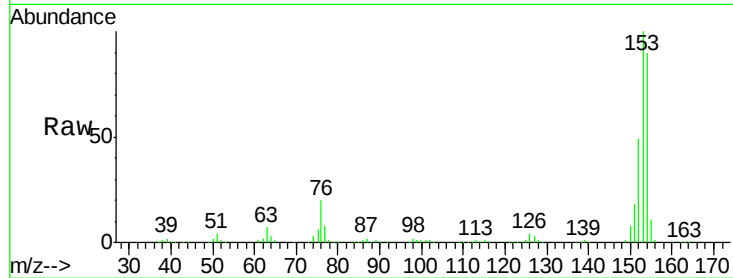
Tot Ion:154 Resp: 314119

Ion Ratio Lower Upper

154 100

153 111.2 89.5 134.3

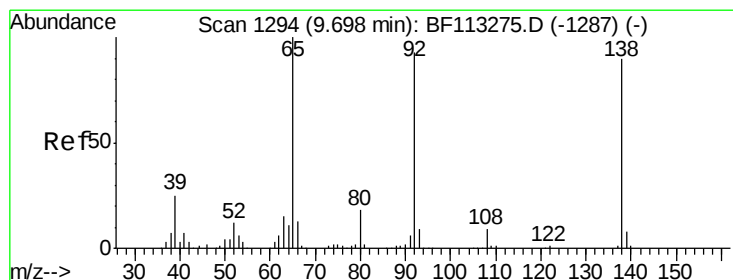
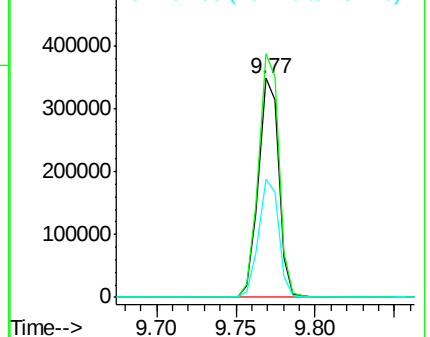
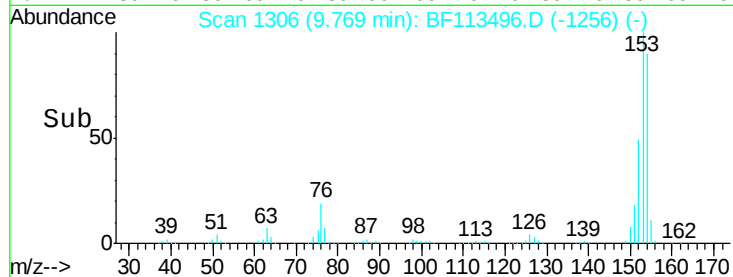
152 54.1 43.3 64.9



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: 25.855 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

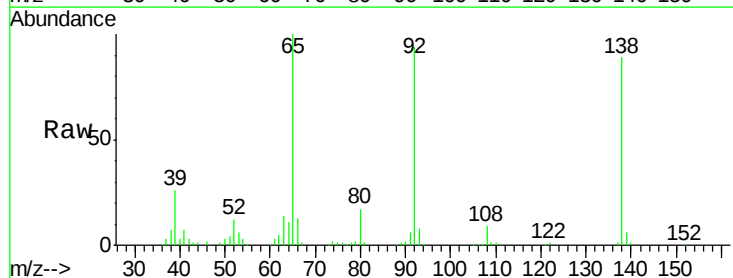
Tgt Ion:138 Resp: 105286

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

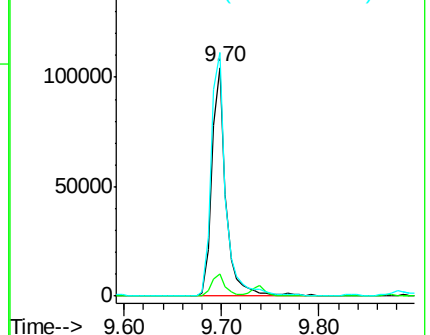
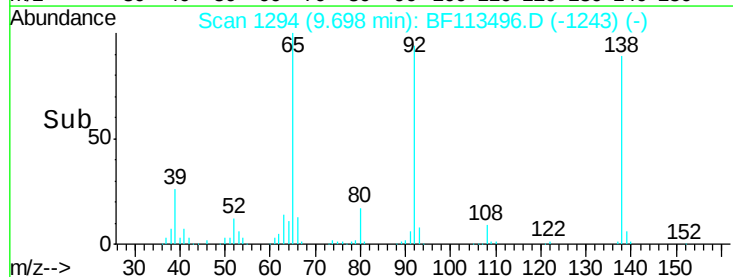
92 106.4 82.6 124.0

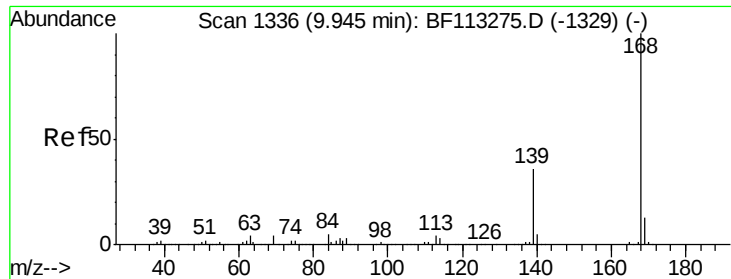


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

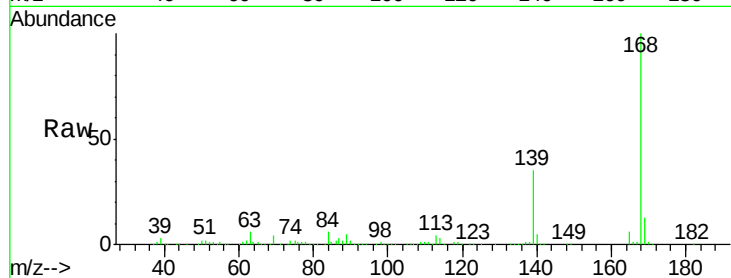




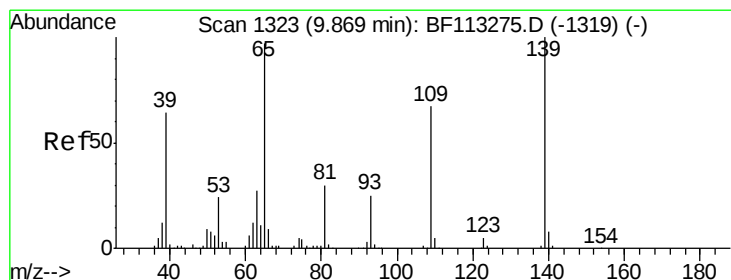
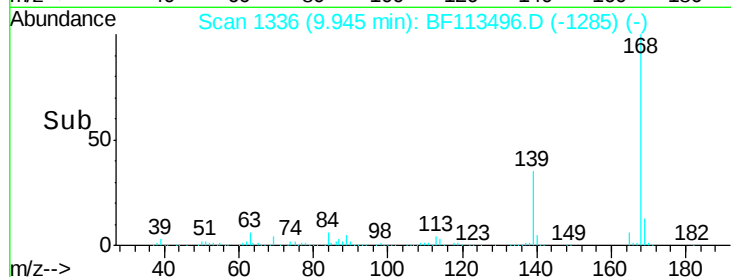
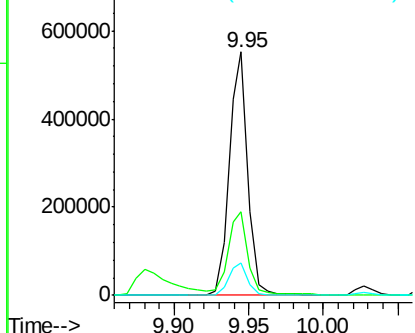
#55
Dibenzenofuran
Concen: 25.433 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 483561
Ion Ratio Lower Upper
168 100
139 34.5 29.7 44.5
169 13.1 10.7 16.1

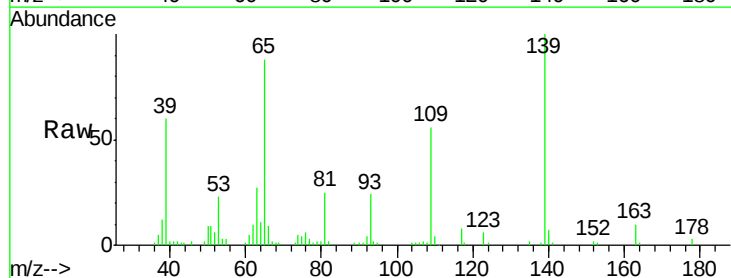


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

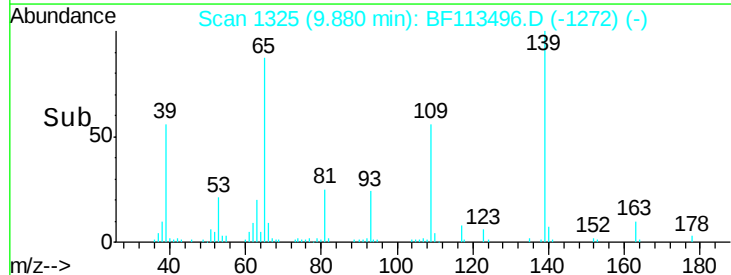
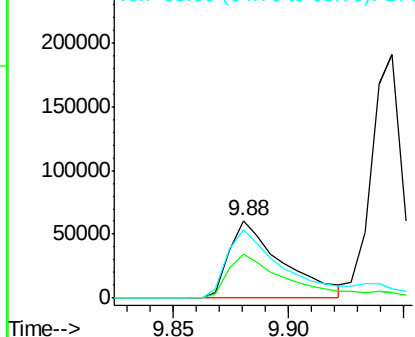


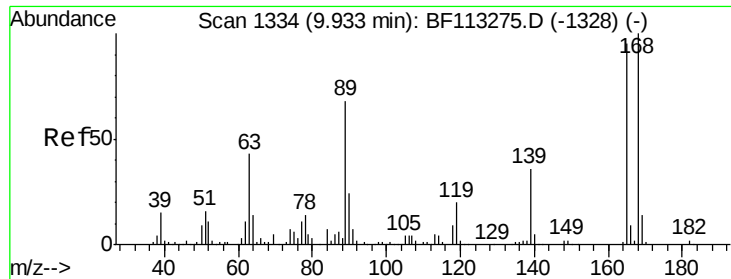
#56
4-Nitrophenol
Concen: 33.197 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:139 Resp: 96380
Ion Ratio Lower Upper
139 100
109 56.5 46.9 86.9
65 88.0 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

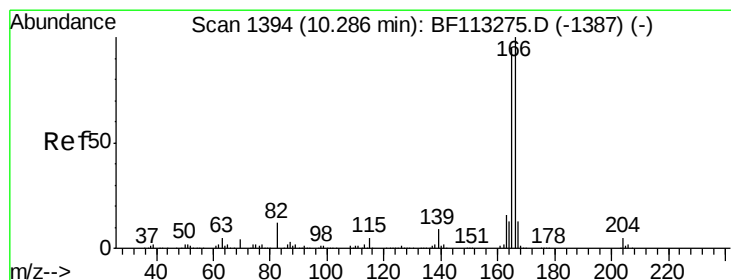
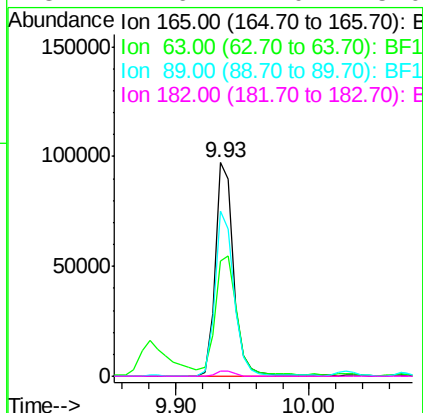
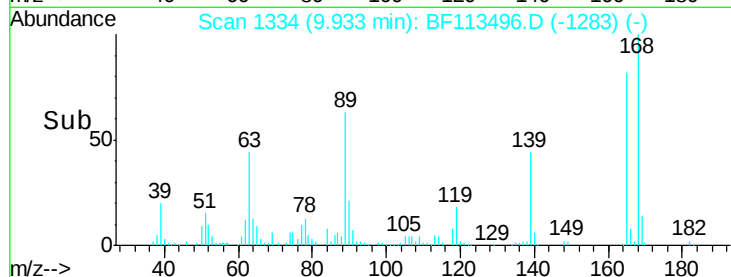
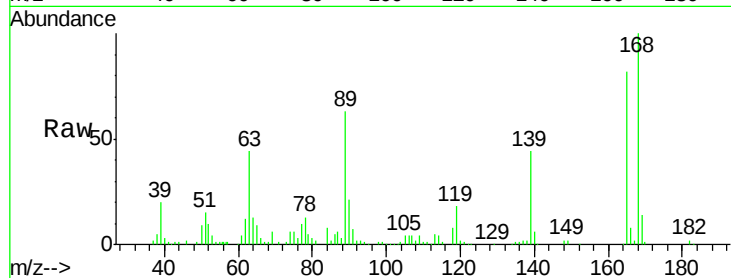




#57
2,4-Dinitrotoluene
Concen: 20.630 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

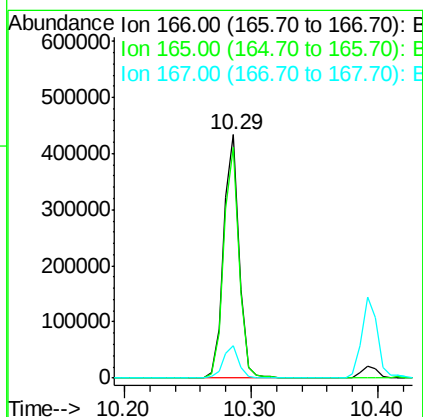
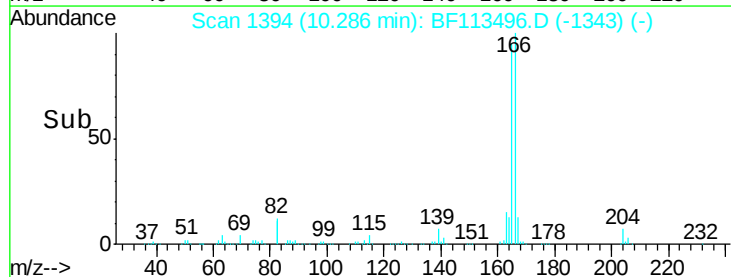
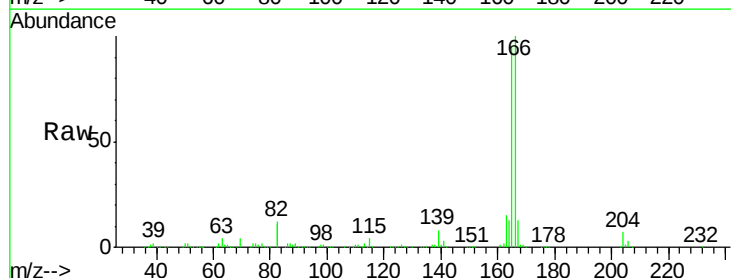
Instrument :
BNA_F
ClientSampleId :

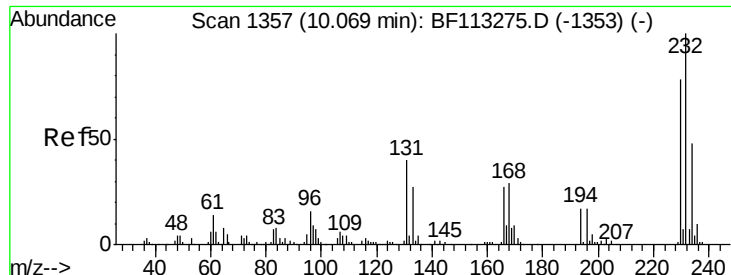
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	37.5	56.3
89	77.3	57.4	86.2
182	2.6	2.0	3.0



#58
Fluorene
Concen: 25.131 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	76.2	114.2
167	13.4	10.7	16.1

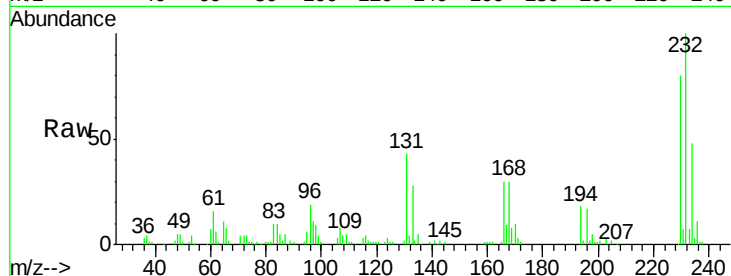




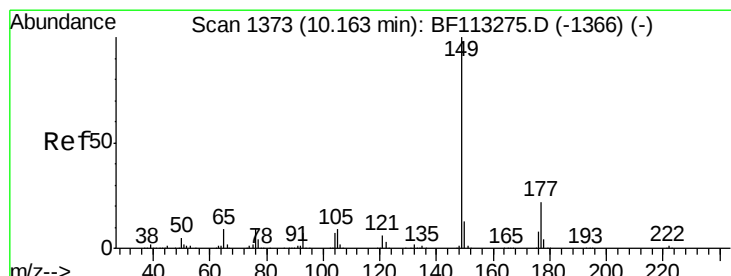
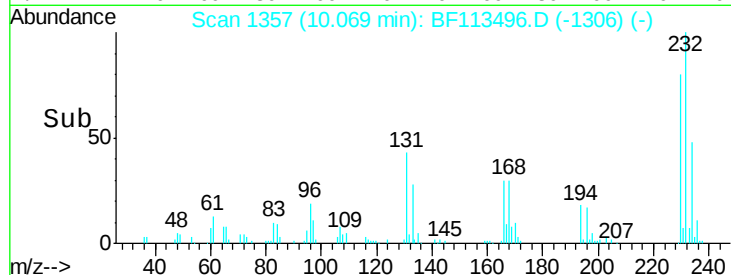
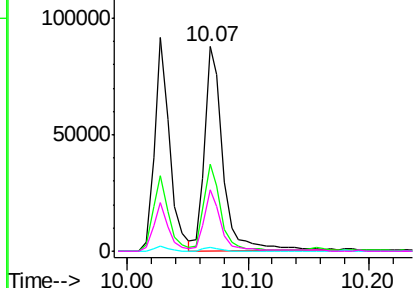
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.800 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 92111
 Ion Ratio Lower Upper
 232 100
 131 38.9 33.2 49.8
 130 1.8 1.6 2.4
 166 27.1 21.0 31.6

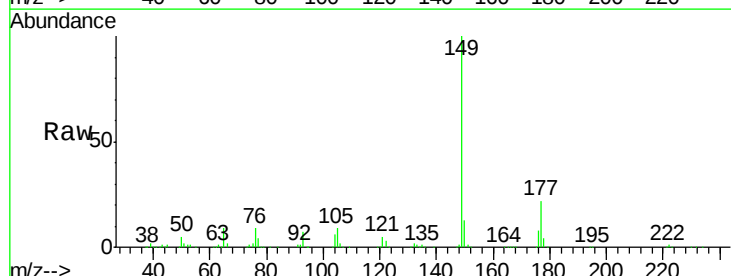


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

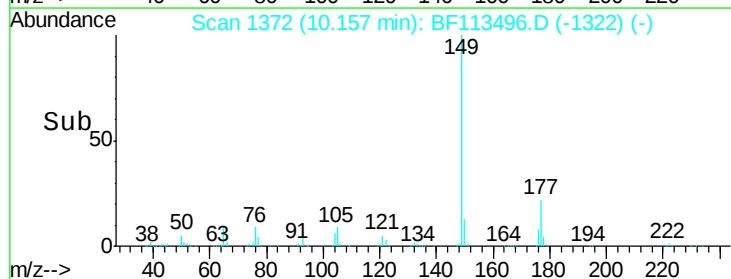
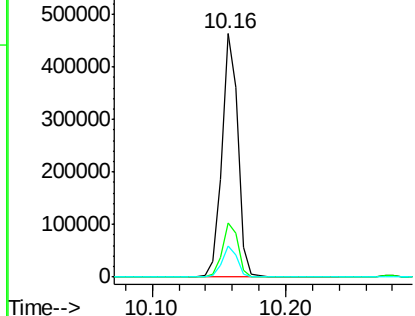


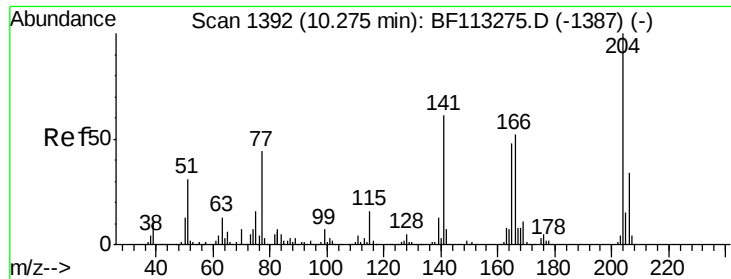
#60
 Diethylphthalate
 Concen: 24.919 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:149 Resp: 391284
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.4 26.0
 150 13.0 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

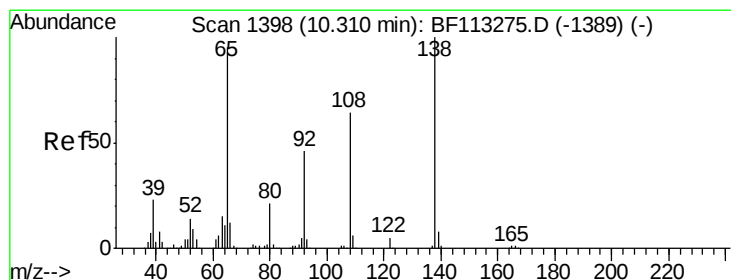
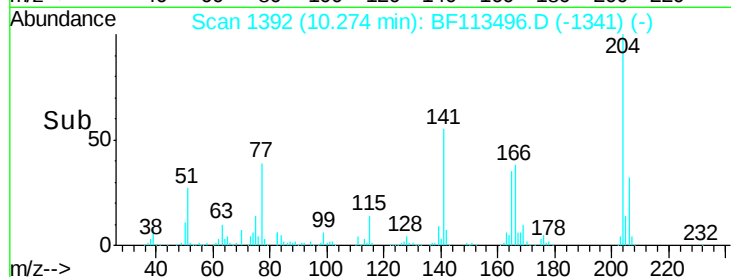
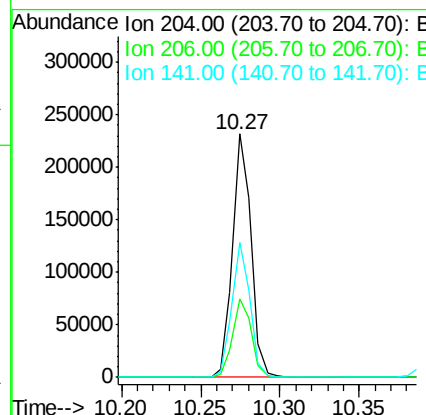
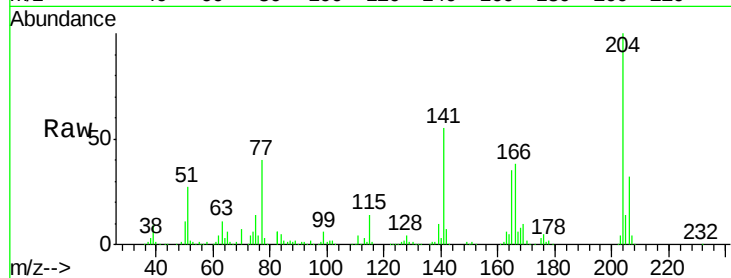




#61
4-Chlorophenyl-phenylether
Concen: 26.180 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

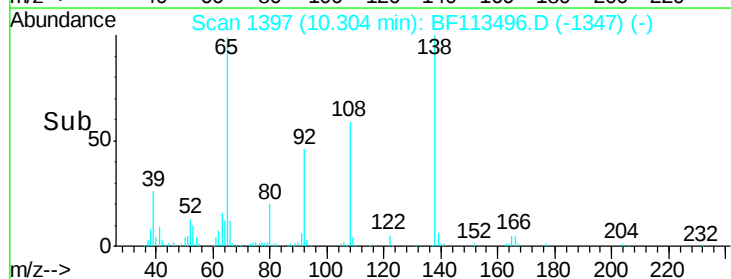
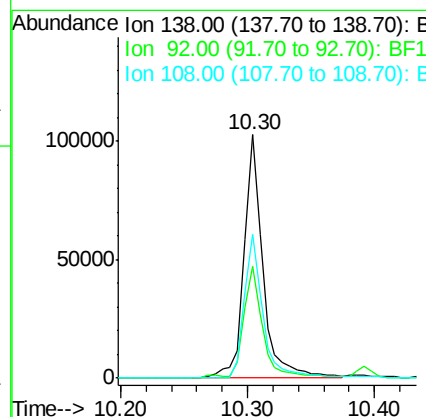
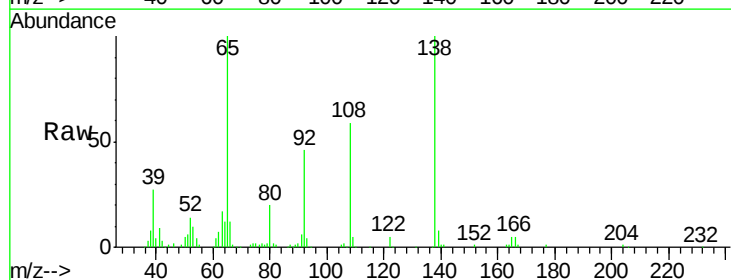
Instrument :
BNA_F
ClientSampleId :

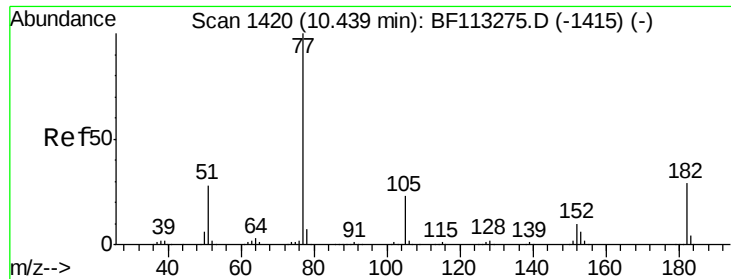
Tot Ion:204 Resp: 188462
Ion Ratio Lower Upper
204 100
206 32.1 26.9 40.3
141 55.4 48.8 73.2



#62
4-Nitroaniline
Concen: 25.277 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:138 Resp: 105980
Ion Ratio Lower Upper
138 100
92 45.7 25.8 65.8
108 59.3 44.0 84.0

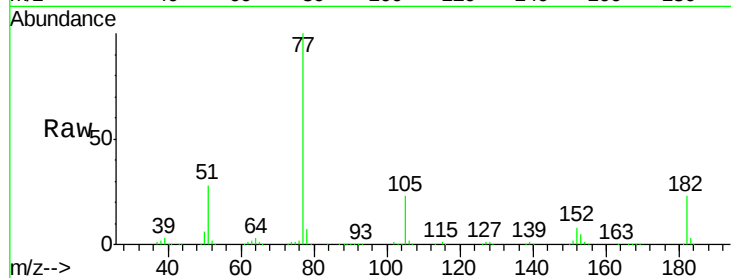




#63
Azobenzene
Concen: 23.575 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.8	8.7	48.7
105	22.6	2.9	42.9
51	28.1	8.8	48.8

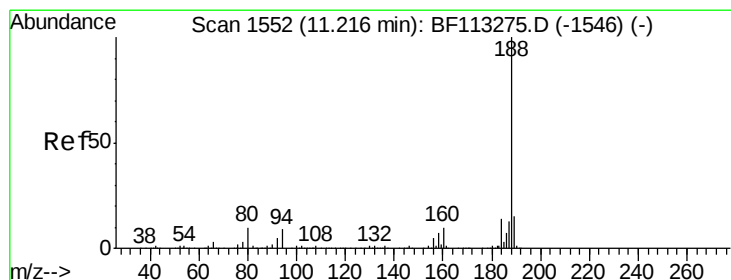
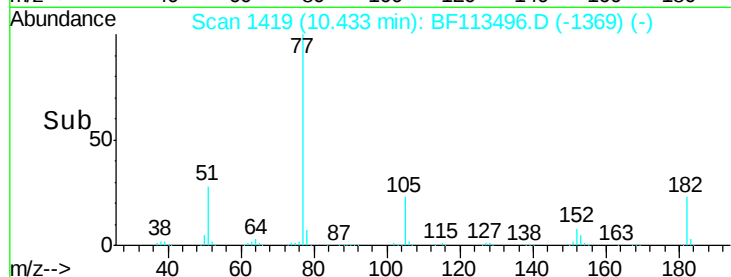
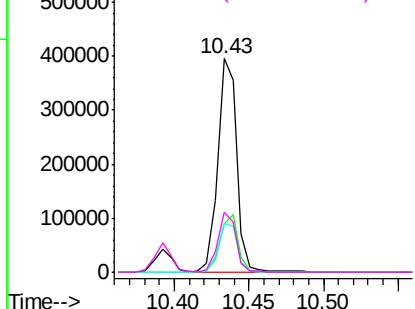


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

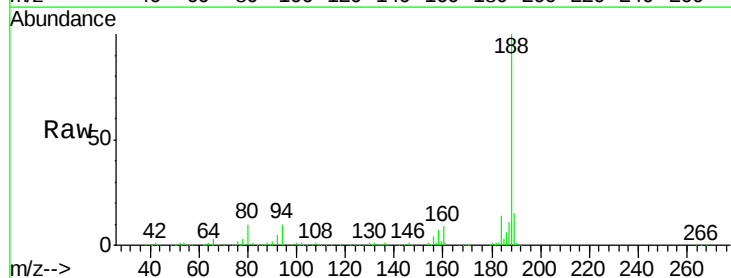
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

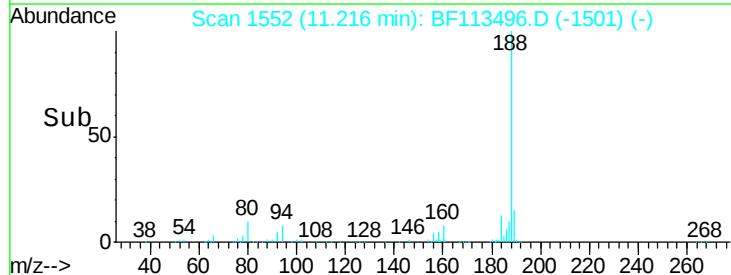
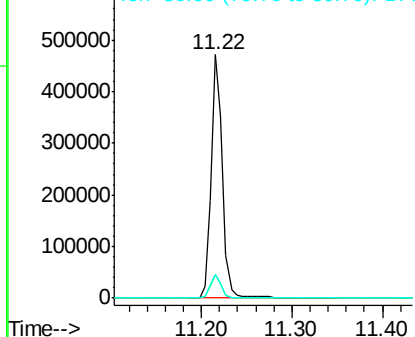
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	9.8	7.7	11.5

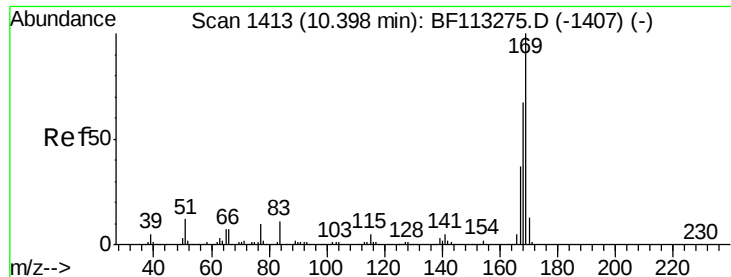


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#66

n-Nitrosodiphenylamine

Concen: 26.425 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampled :

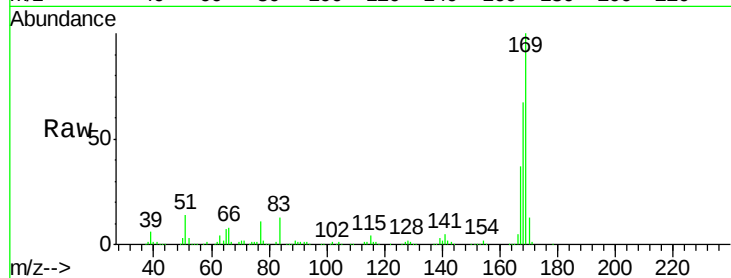
Tot Ion:169 Resp: 333736

Ion Ratio Lower Upper

169 100

168 66.9 53.7 80.5

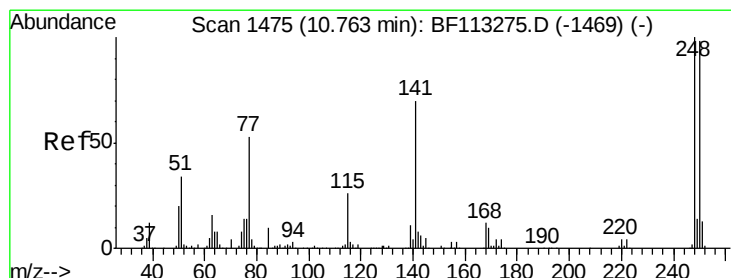
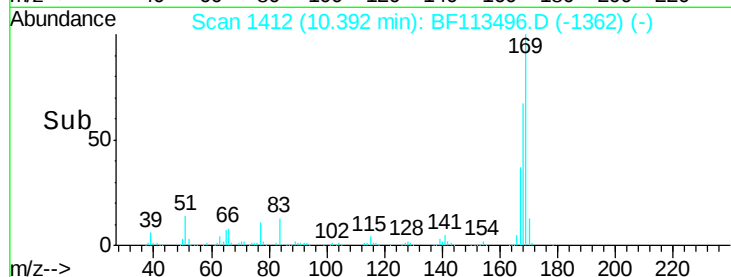
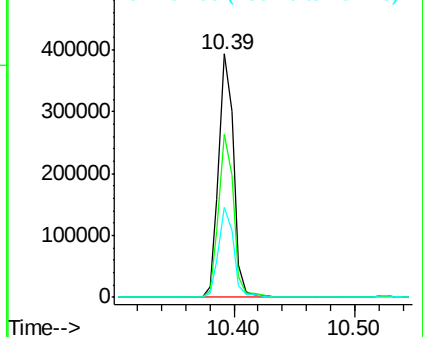
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 25.342 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

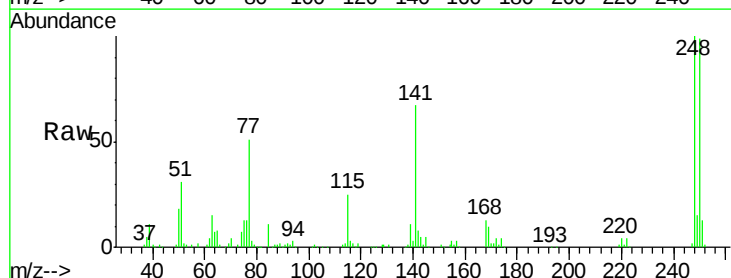
Tgt Ion:248 Resp: 113681

Ion Ratio Lower Upper

248 100

250 98.8 78.3 117.5

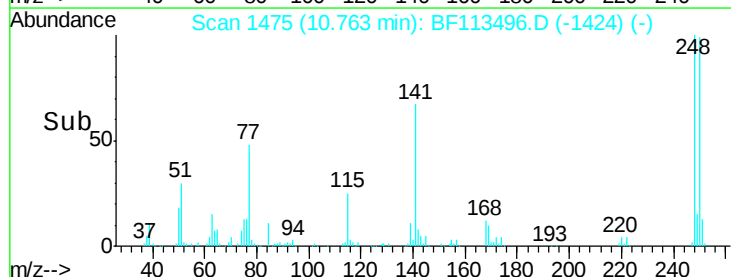
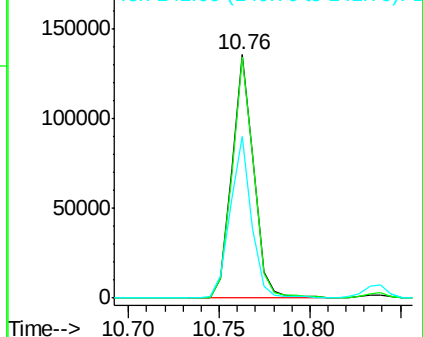
141 66.7 56.2 84.4

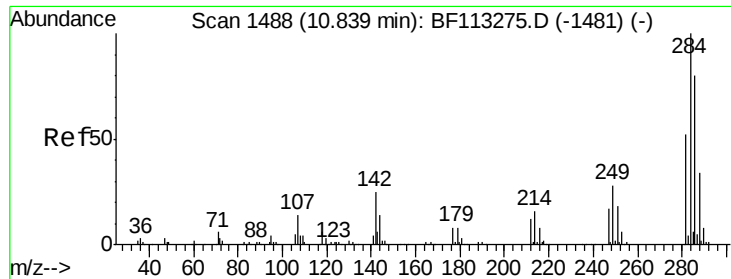


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

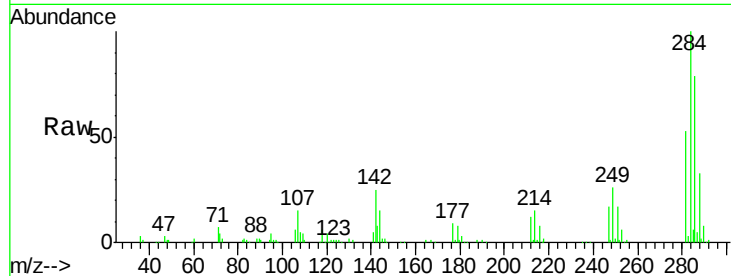




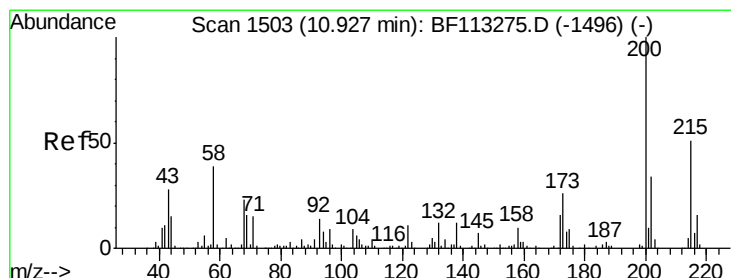
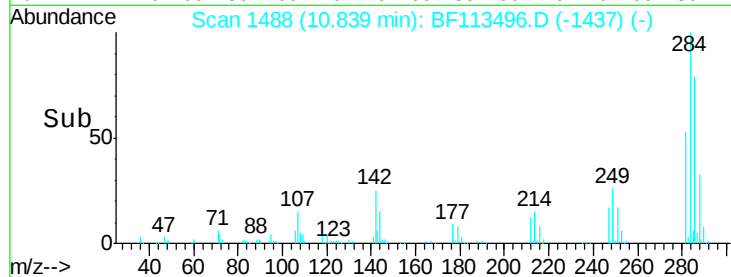
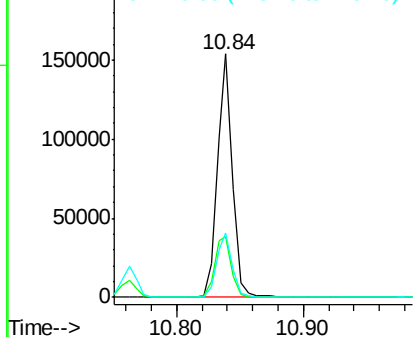
#68
Hexachlorobenzene
Concen: 24.725 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	24.9	20.1	30.1
249	26.3	22.7	34.1

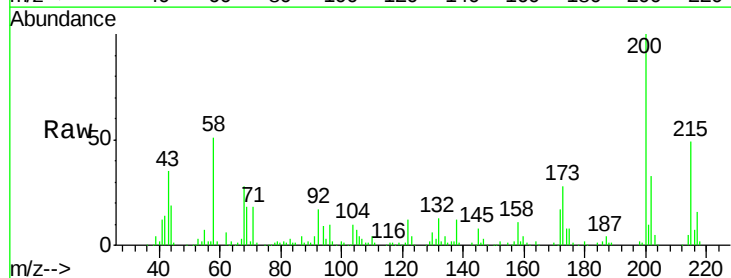


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

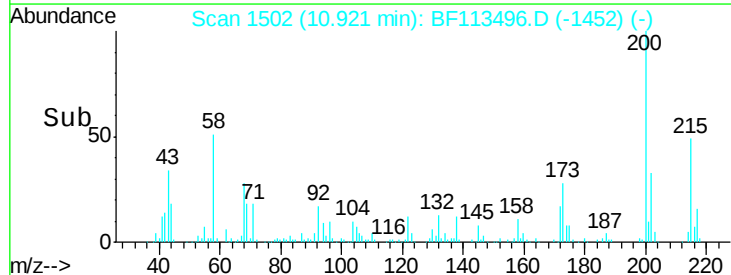
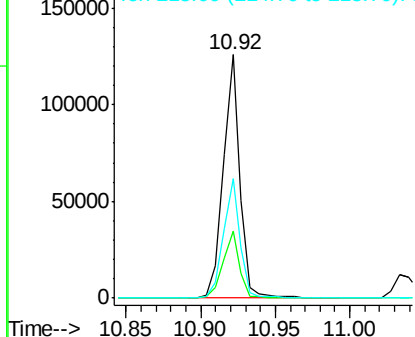


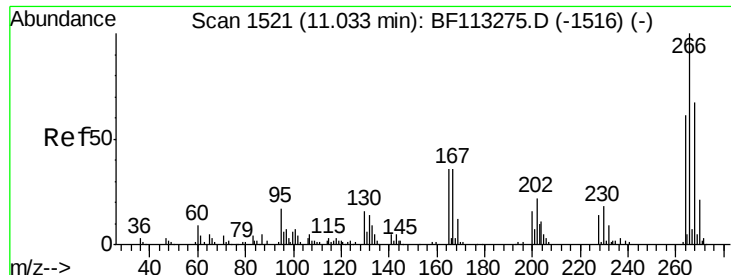
#69
Atrazine
Concen: 24.942 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.0	46.0
215	49.0	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

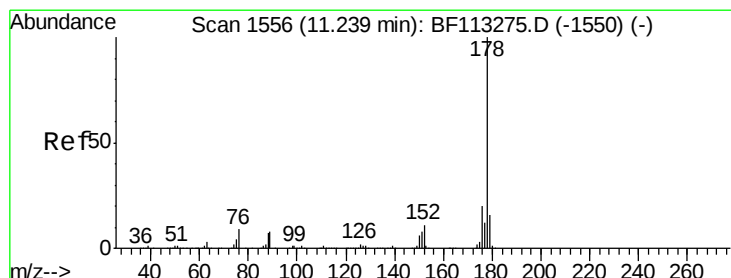
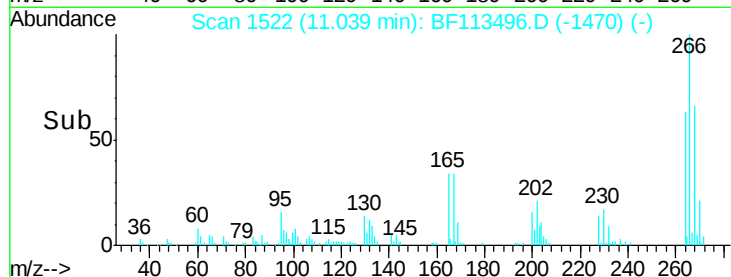
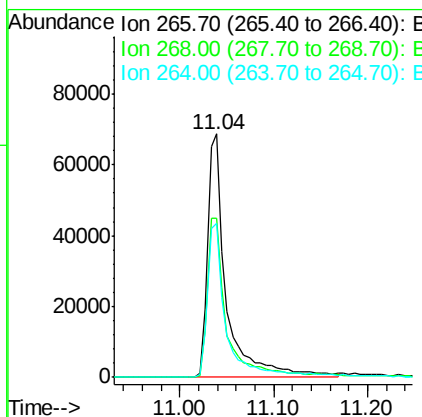
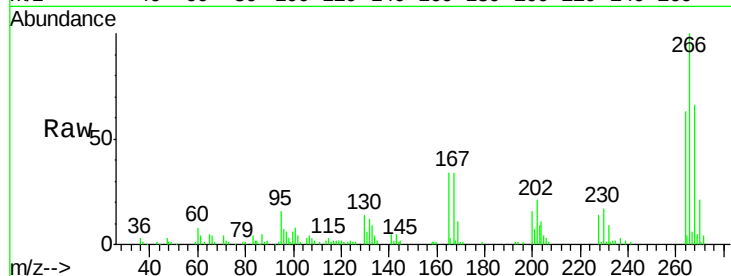




#70
 Pentachlorophenol
 Concen: 35.754 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

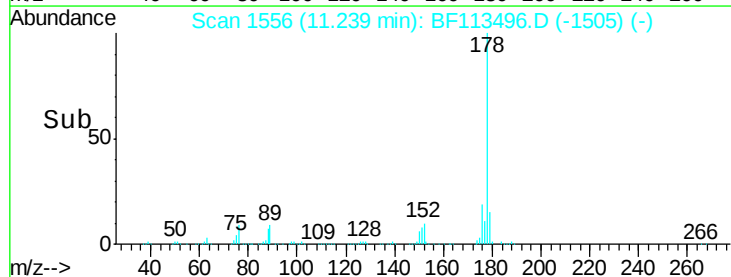
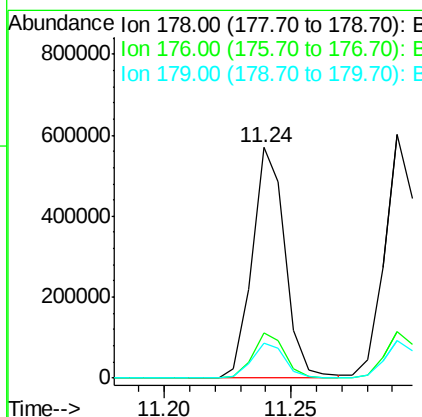
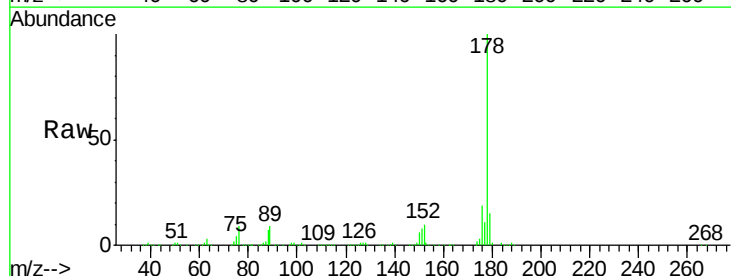
Instrument :
 BNA_F
 ClientSampleId :

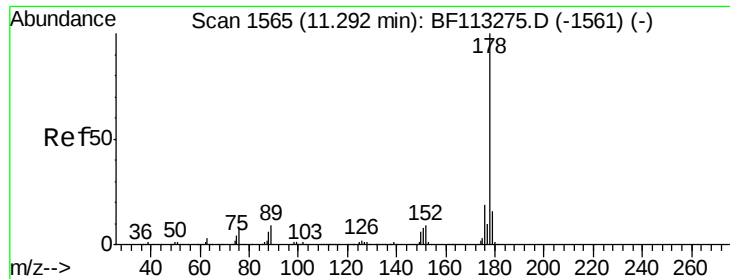
Tot Ion:266 Resp: 96996
 Ion Ratio Lower Upper
 266 100
 268 65.6 53.8 80.6
 264 63.2 49.2 73.8



#71
 Phenanthrene
 Concen: 25.017 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:178 Resp: 511324
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.2
 179 15.4 12.7 19.1

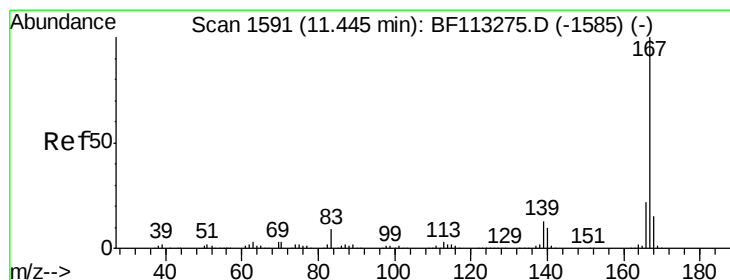
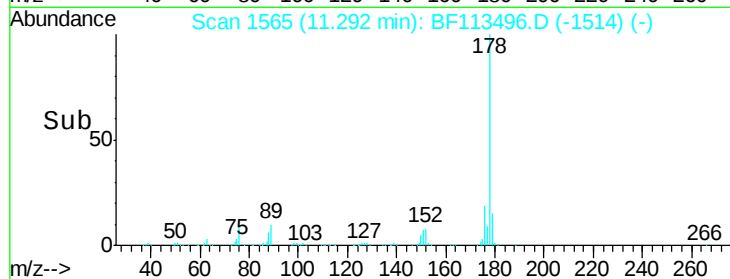
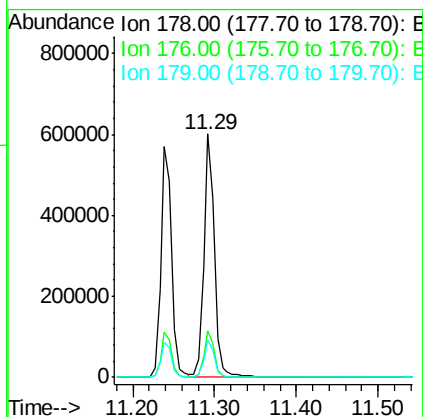
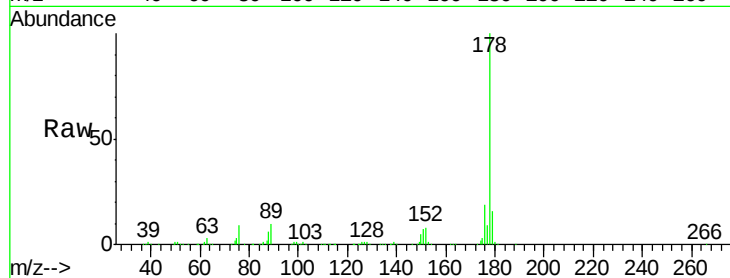




#72
 Anthracene
 Concen: 26.146 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

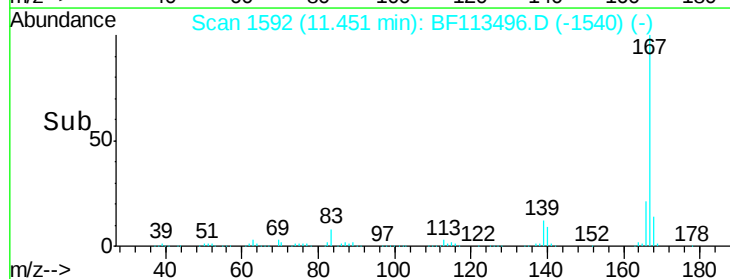
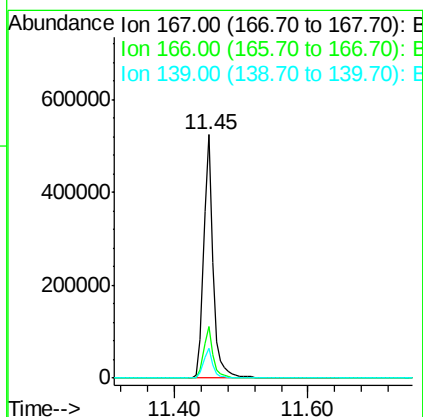
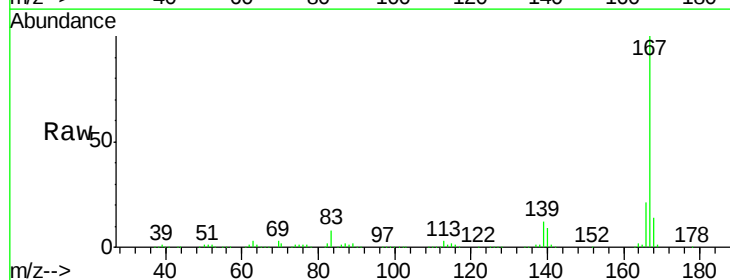
Instrument :
 BNA_F
 ClientSampleId :

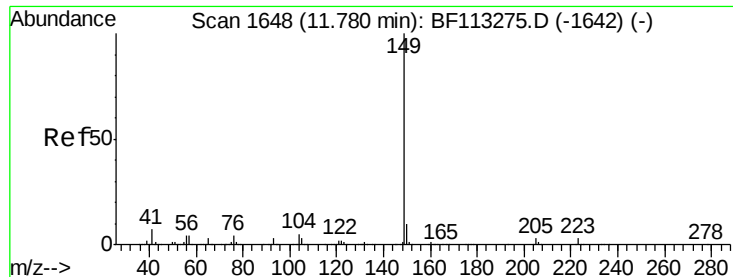
Tot Ion:178 Resp: 542818
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.8 19.2



#73
 Carbazole
 Concen: 25.477 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:167 Resp: 504715
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.0
 139 12.1 10.4 15.6

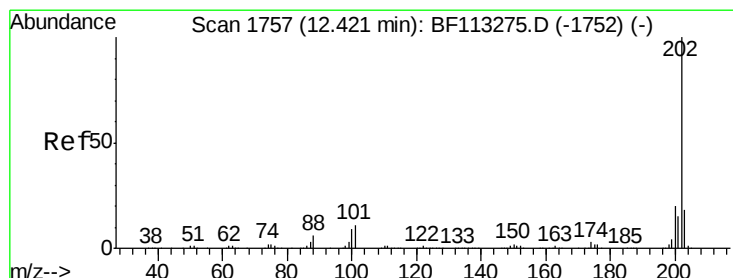
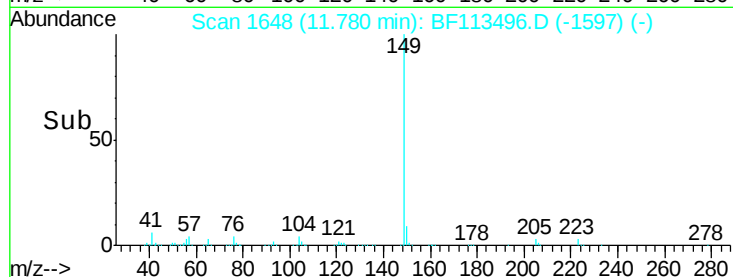
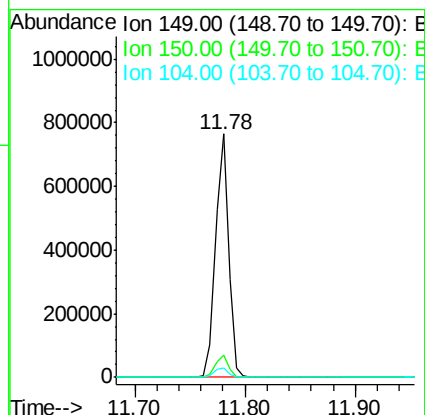
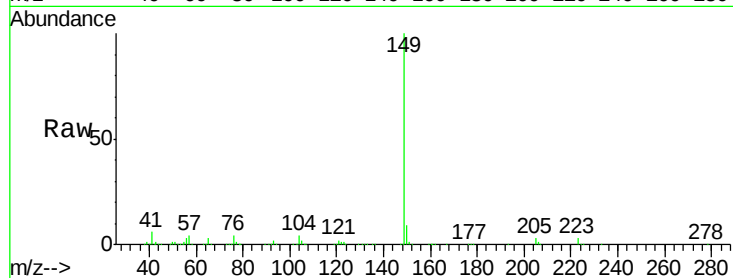




#74
Di-n-butylphthalate
Concen: 26.924 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

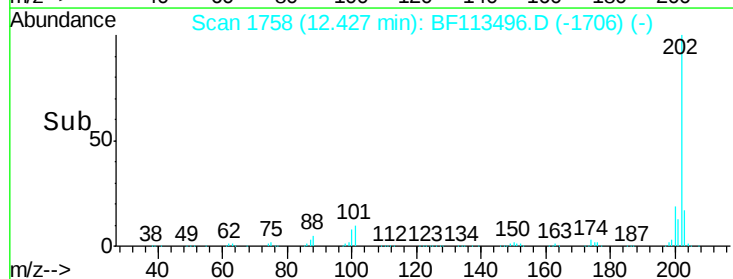
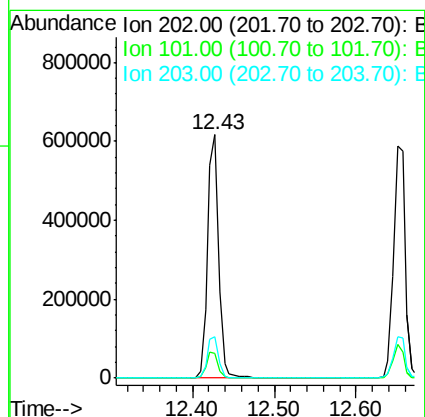
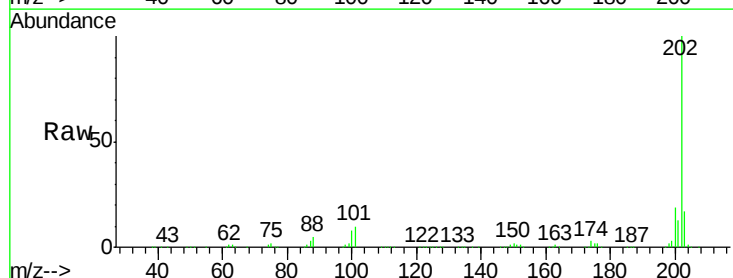
Instrument :
BNA_F
ClientSampleId :

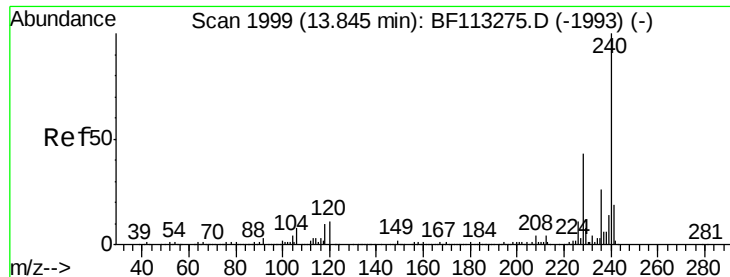
Tot Ion:149 Resp: 618532
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 3.9 3.7 5.5



#75
Fluoranthene
Concen: 25.214 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:202 Resp: 582593
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 16.9 0.0 38.0

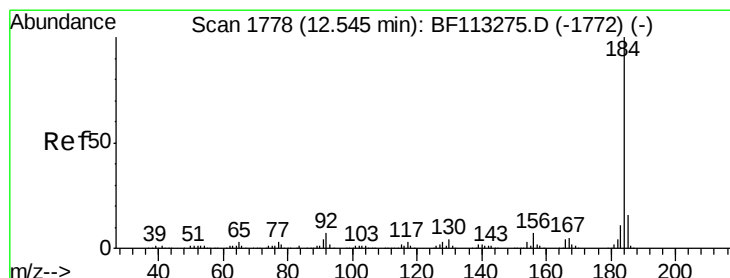
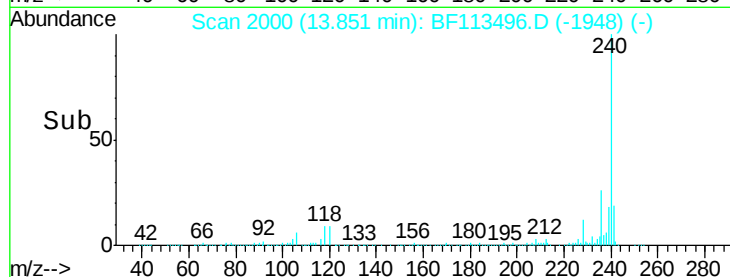
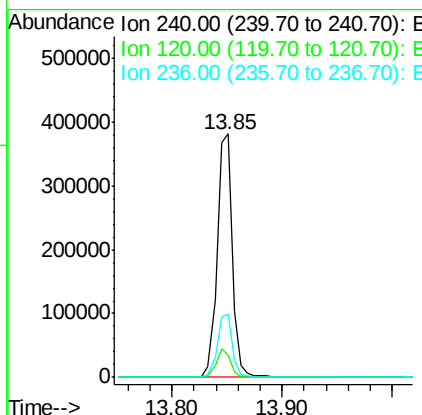
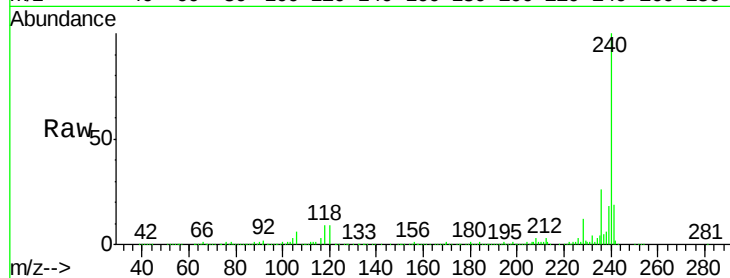




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

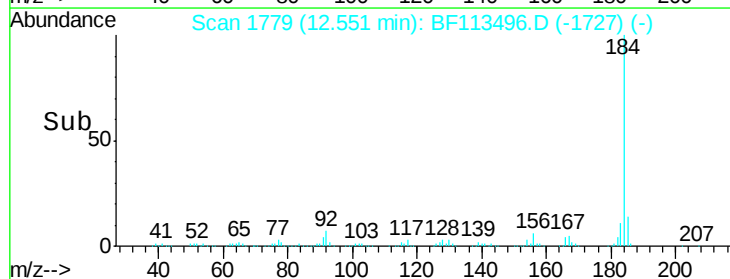
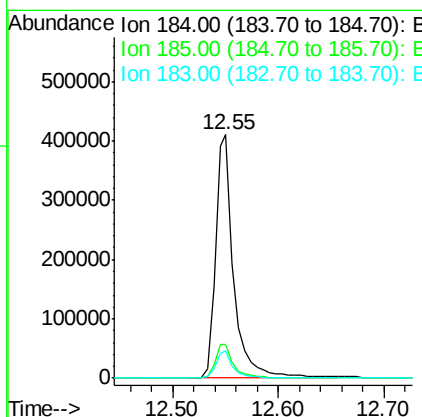
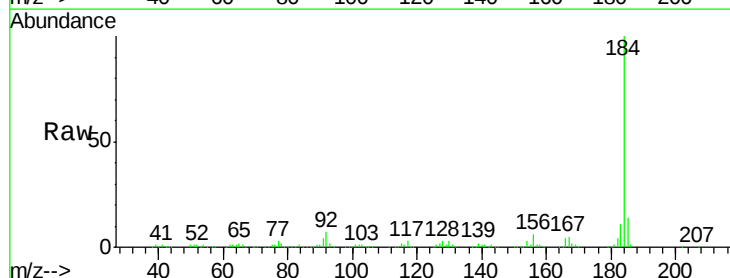
Instrument :
 BNA_F
 ClientSampleId :

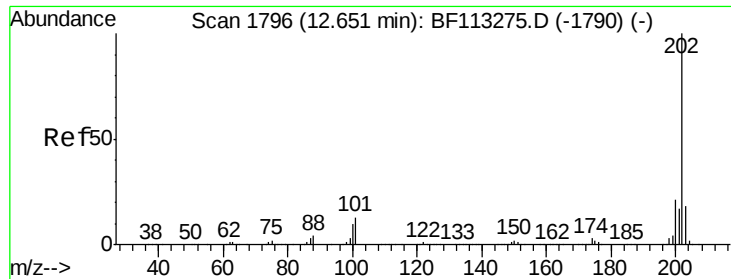
Tot Ion:240 Resp: 364735
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.8 13.2
 236 25.8 20.9 31.3



#77
 Benzidine
 Concen: 35.653 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:184 Resp: 497976
 Ion Ratio Lower Upper
 184 100
 185 13.8 13.0 19.6
 183 11.0 9.0 13.4

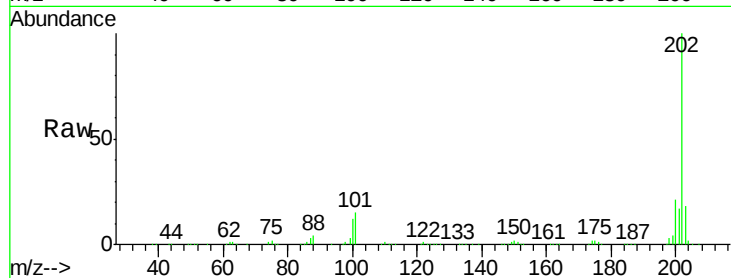




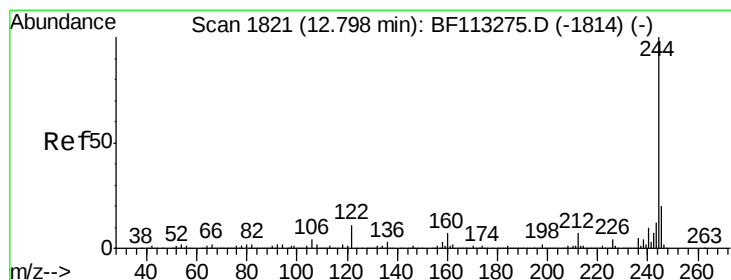
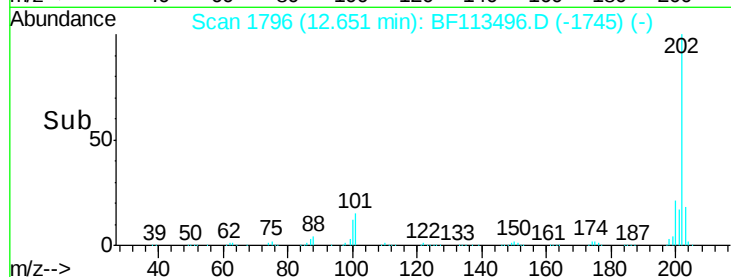
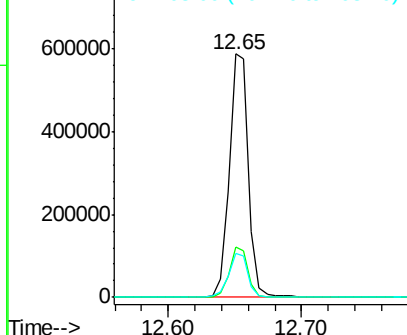
#78
Pvrene
Concen: 23.448 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	18.1	14.4	21.6

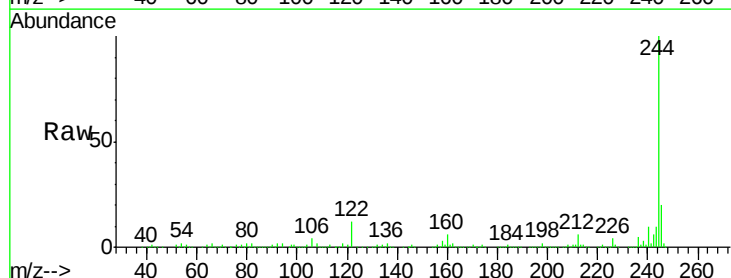


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

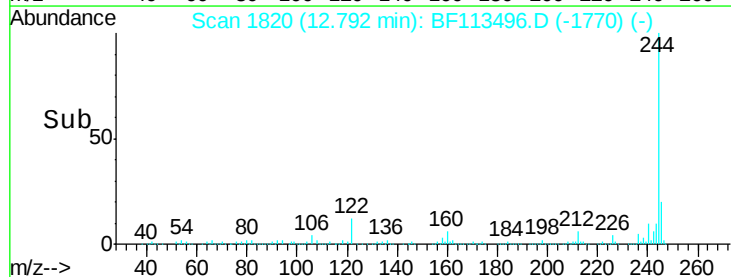
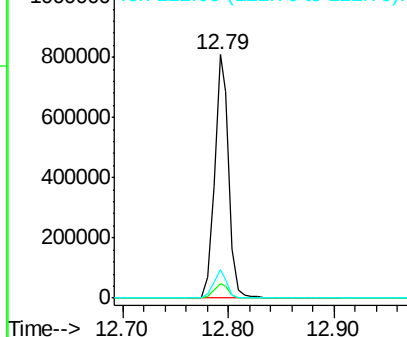


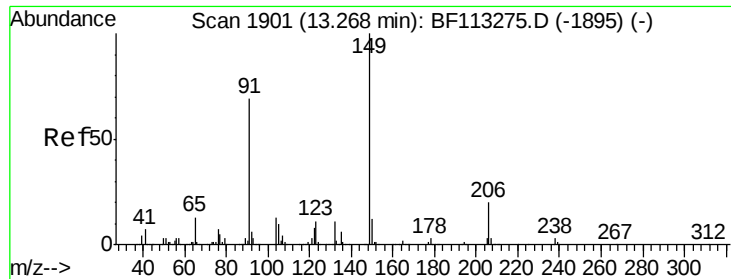
#79
Terphenyl-d14
Concen: 46.271 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.5	8.3
122	11.5	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

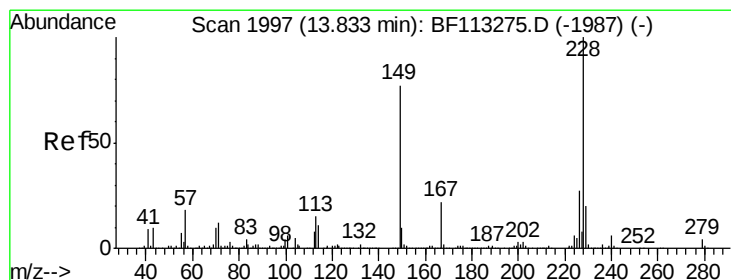
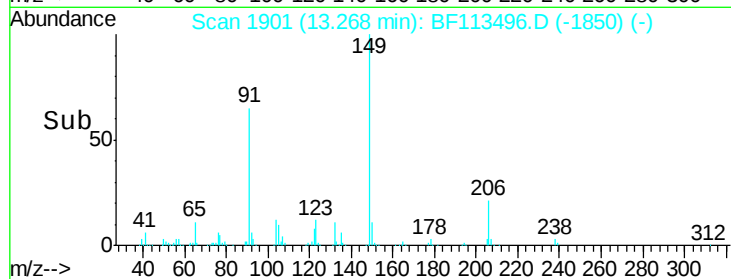
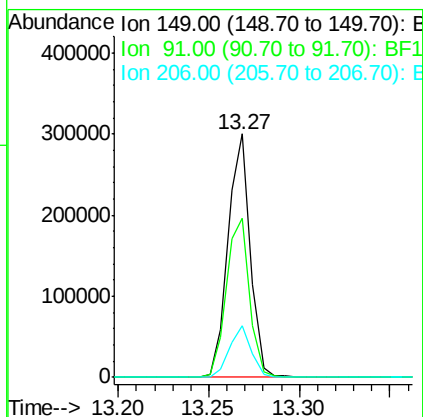
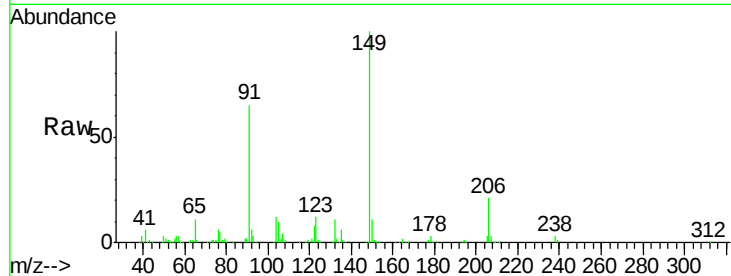




#80
Butylbenzylphthalate
Concen: 23.044 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

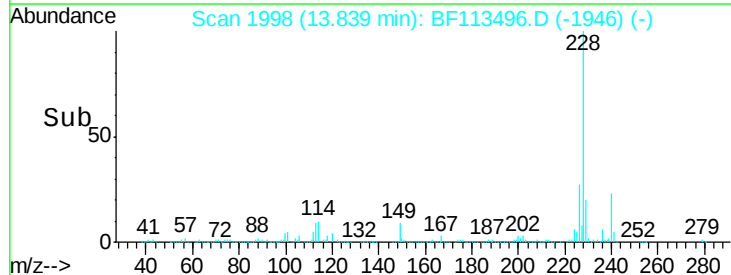
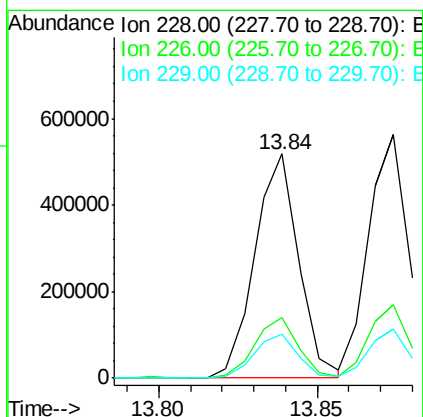
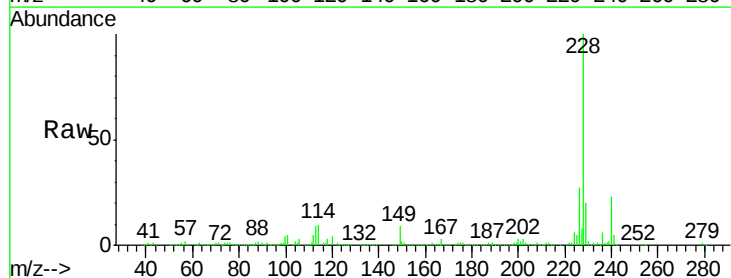
Instrument :
BNA_F
ClientSampleId :

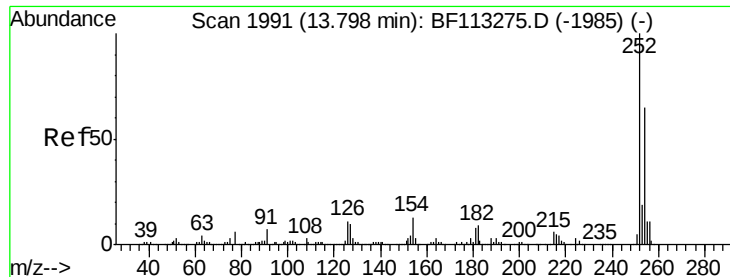
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	55.2	82.8
206	21.2	16.1	24.1



#81
Benzo(a)anthracene
Concen: 23.868 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.5	16.2	24.4

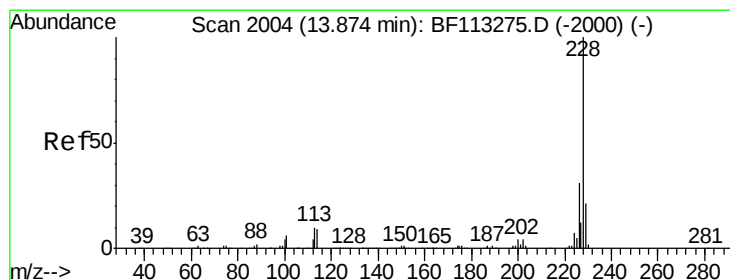
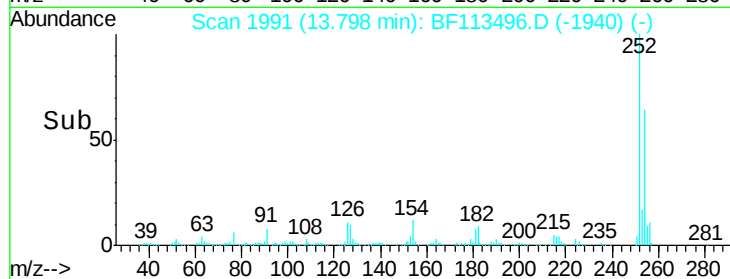
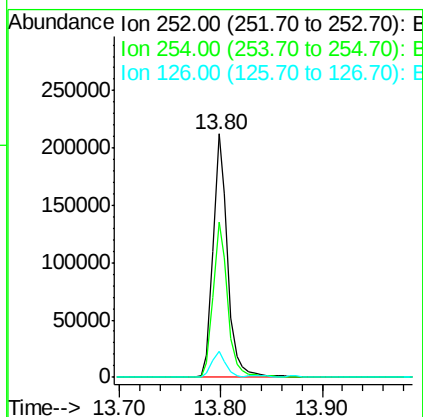
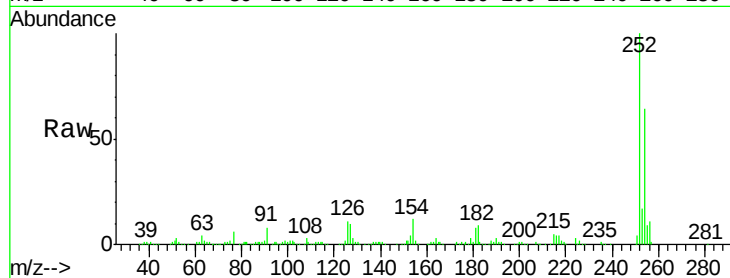




#82
 3,3'-Dichlorobenzidine
 Concen: 25.535 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

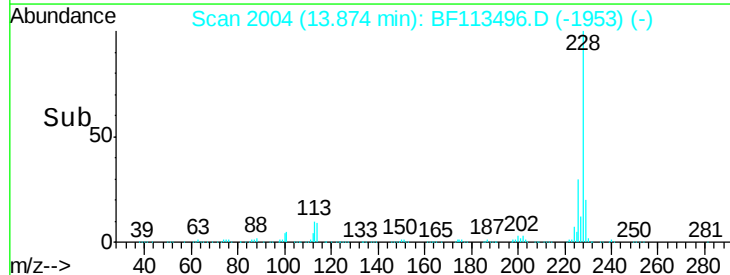
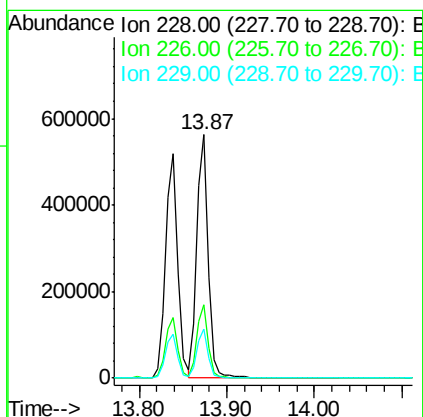
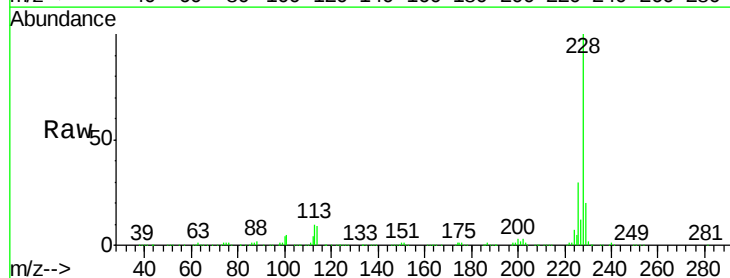
Instrument :
 BNA_F
 ClientSampleId :

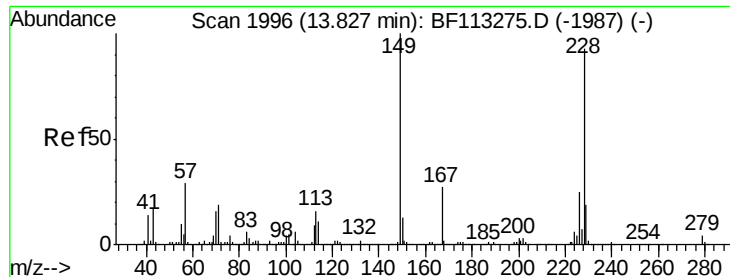
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.2	78.2
126	10.8	8.5	12.7



#83
 Chrysene
 Concen: 24.193 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.1	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 25.374 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :

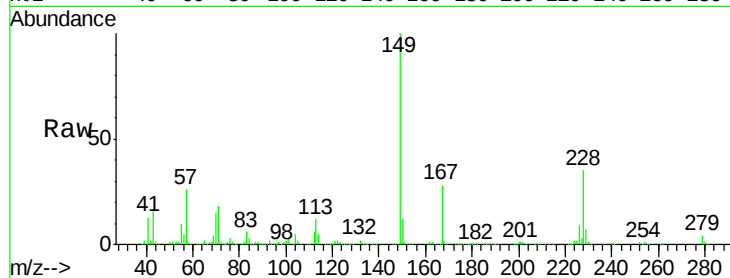
Tot Ion:149 Resp: 346484

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

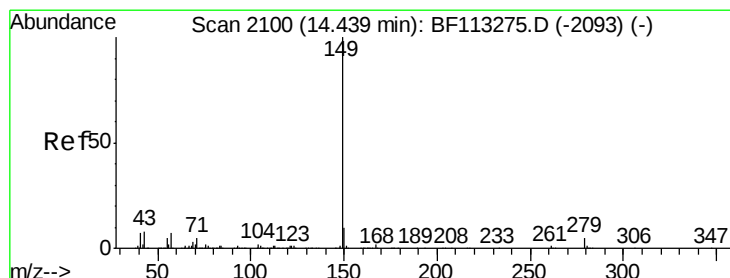
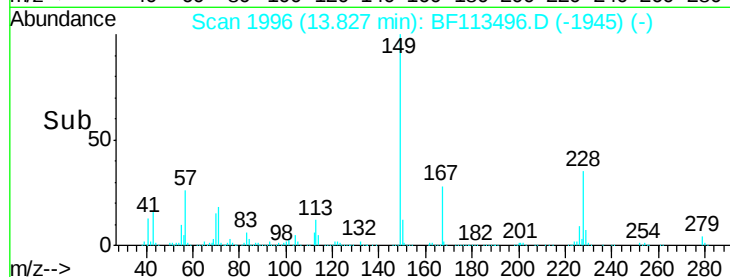
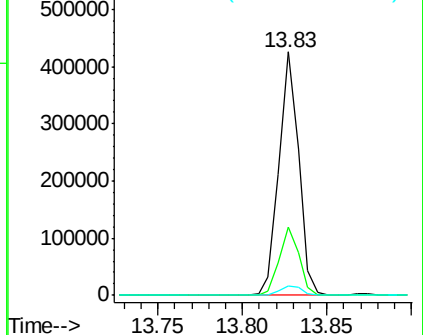
279 4.0 2.9 4.3



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: 27.092 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

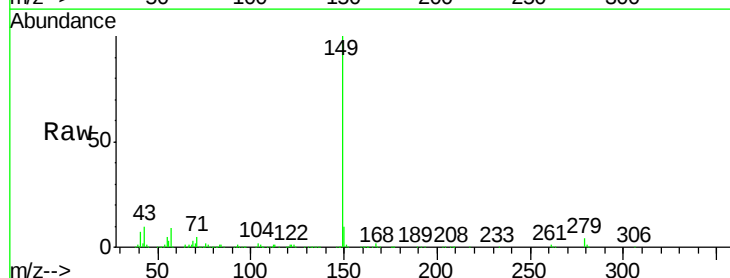
Tgt Ion:149 Resp: 627959

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

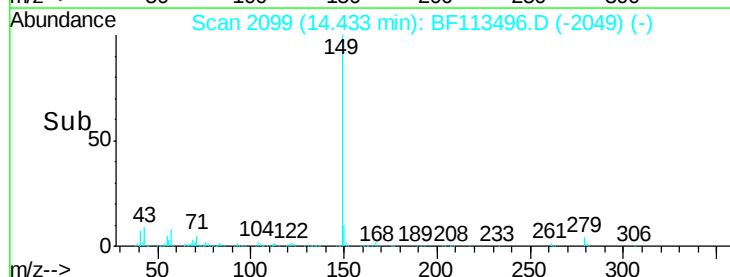
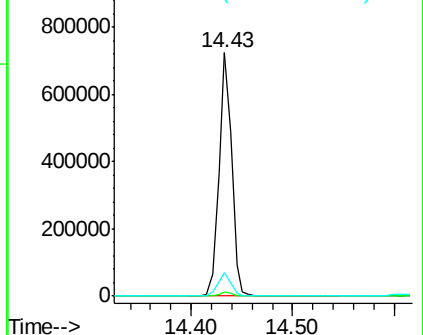
43 9.5 7.7 11.5

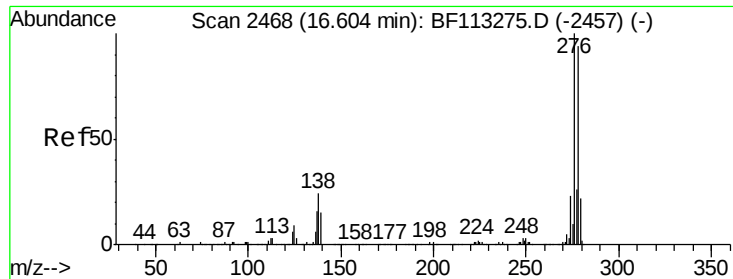


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

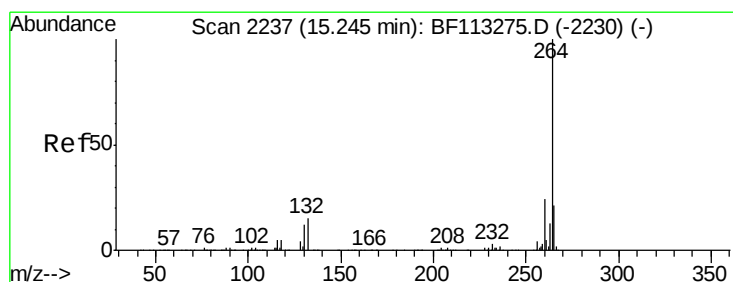
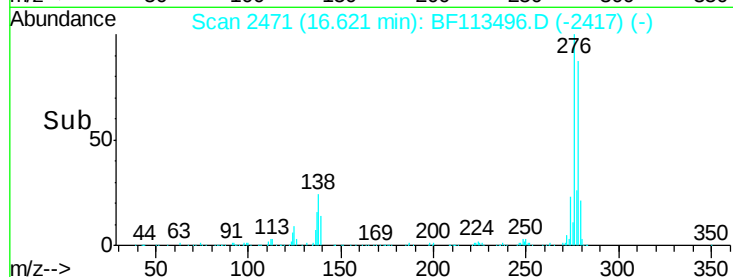
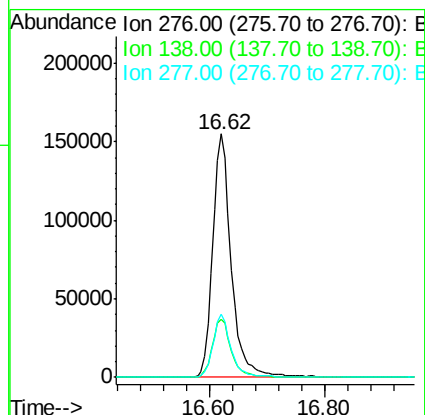
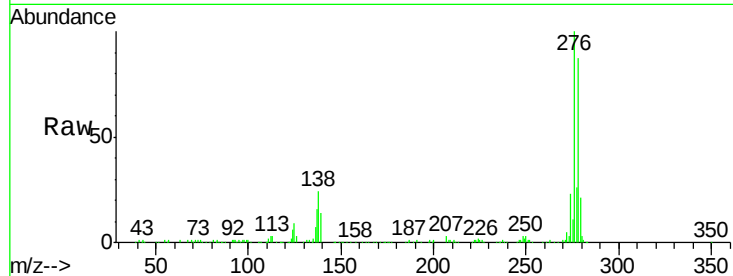




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 19.136 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. 0.02 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

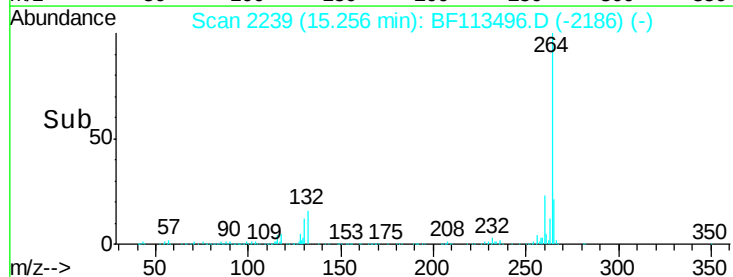
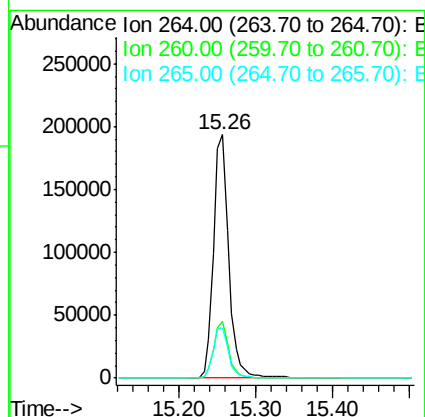
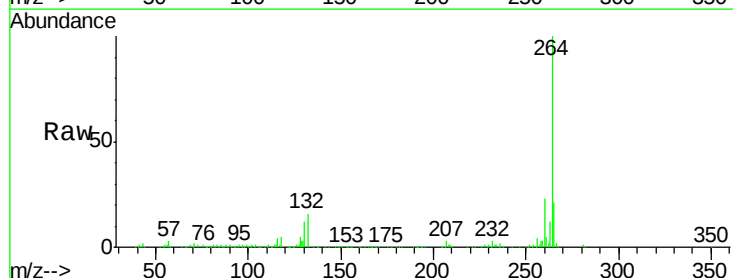
Instrument :
 BNA_F
 ClientSampleId :

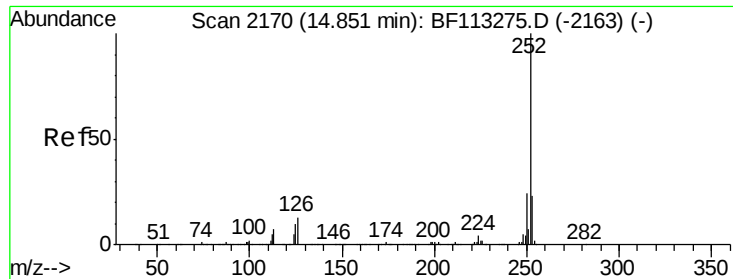
Tot Ion:276 Resp: 348274
 Ion Ratio Lower Upper
 276 100
 138 24.2 18.1 27.1
 277 25.0 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF113496.D
 Acq: 2 Apr 2019 7:32

Tgt Ion:264 Resp: 260962
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.7 17.1 25.7

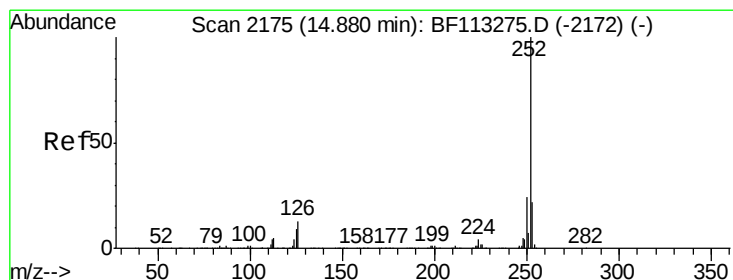
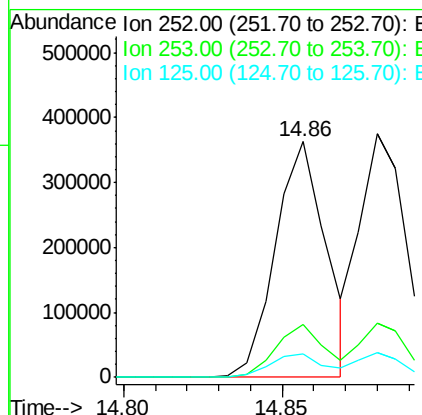
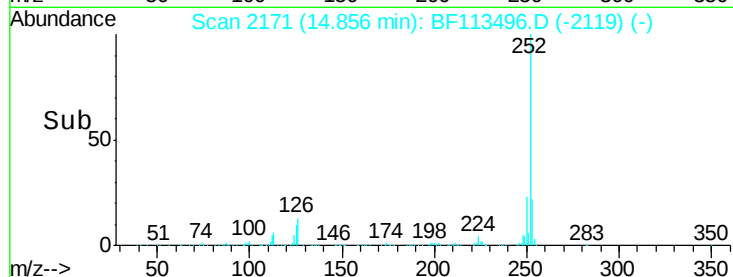
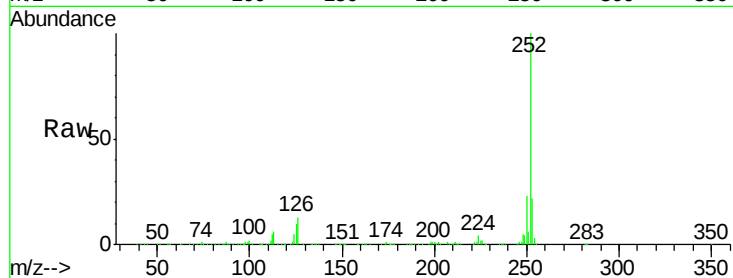




#88
Benzo(b)fluoranthene
Concen: 24.844 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

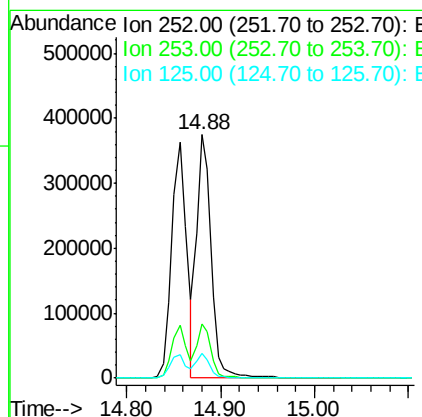
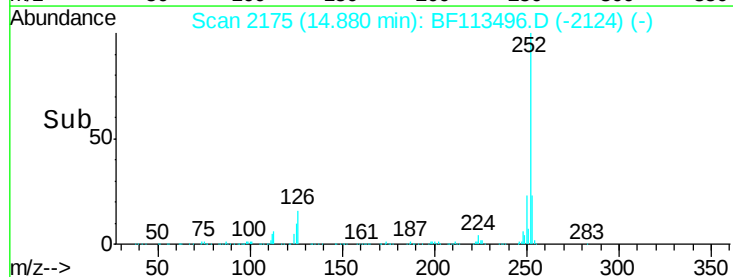
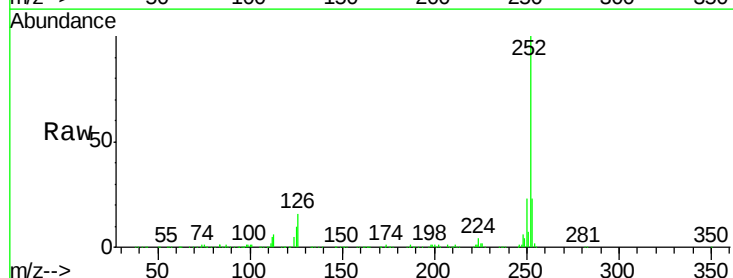
Instrument :
BNA_F
ClientSampleId :

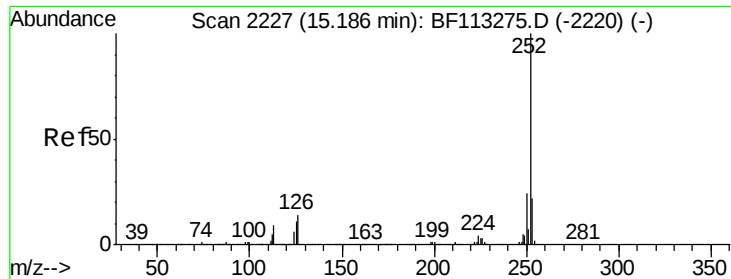
Tot Ion:252 Resp: 402742
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.0 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 28.100 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF113496.D
Acq: 2 Apr 2019 7:32

Tgt Ion:252 Resp: 400030
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.1 7.3 10.9





#90

Benzo(a)pyrene

Concen: 24.963 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

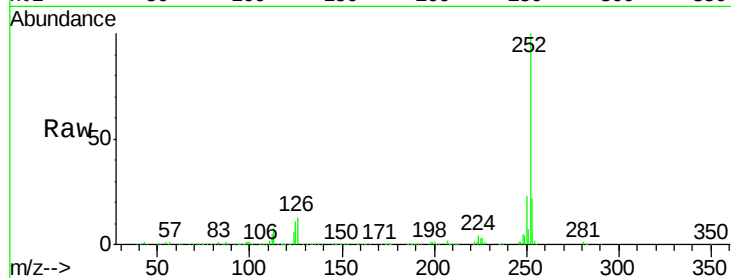
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 358760

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.0	8.8	13.2

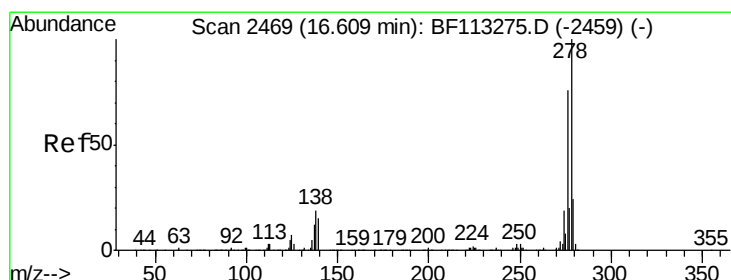
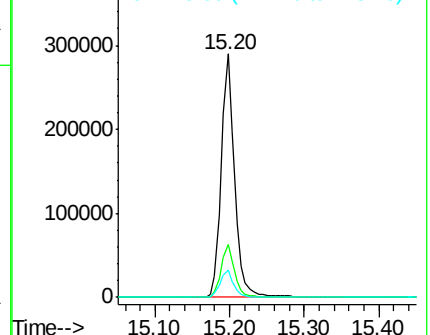
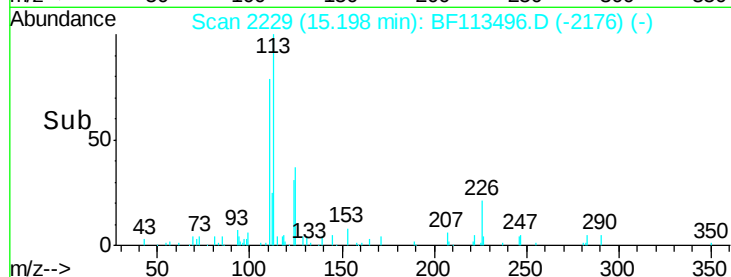


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 23.989 ng

RT: 16.63 min Scan# 2472

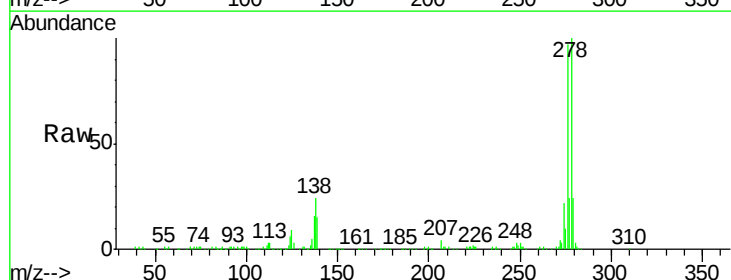
Delta R.T. 0.02 min

Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Tgt Ion:278 Resp: 298102

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.0	18.0
279	23.6	19.0	28.6

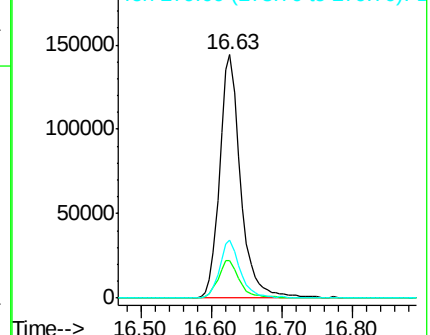
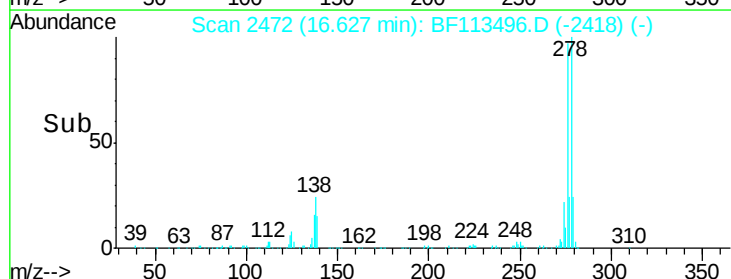


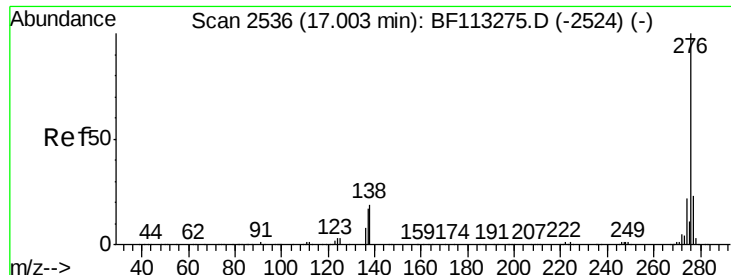
Abundance

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(a,h,i)perylene

Concen: 22.877 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.03 min

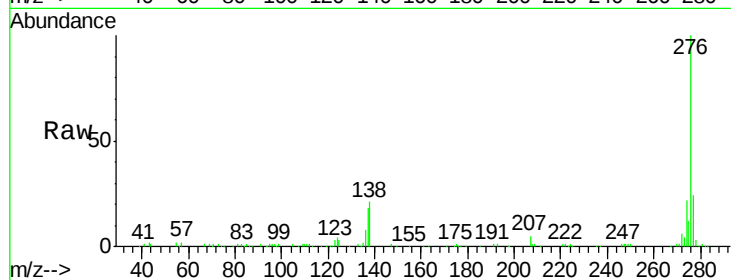
Lab File: BF113496.D

Acq: 2 Apr 2019 7:32

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 286637

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 21.1 15.6 23.4

