

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113583.D
 Acq On : 4 Apr 2019 15:06
 Operator : JU/SJ
 Sample : K1560-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:30:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	138100	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	526505	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	270557	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	571269	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	510069	20.00	ng	-0.02
87) Perylene-d12	15.22	264	453208	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1008557	124.53	ng	0.00
7) Phenol-d6	6.33	99	1313383	131.58	ng	0.00
23) Nitrobenzene-d5	7.25	82	822612	91.52	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	441687	135.90	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1553758	92.45	ng	-0.01
79) Terphenyl-d14	12.77	244	1924252	76.81	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	27601	7.196	ng	96
3) Pyridine	3.15	79	60671	6.044	ng	# 92
4) n-Nitrosodimethylamine	2.99	42	27698	6.494	ng	# 99
6) Aniline	6.35	93	103728	8.573	ng	99
8) 2-Chlorophenol	6.47	128	76597	8.175	ng	97
9) Benzaldehyde	6.23	77	55247	9.309	ng	97
10) Phenol	6.35	94	93046	8.162	ng	99
11) bis(2-Chloroethyl)ether	6.42	93	69853	7.877	ng	98
12) 1,3-Dichlorobenzene	6.62	146	82066	8.133	ng	96
13) 1,4-Dichlorobenzene	6.70	146	82799	8.120	ng	98
14) 1,2-Dichlorobenzene	6.85	146	77635	8.435	ng	98
15) Benzyl Alcohol	6.83	79	62598	9.275	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	114346	8.284	ng	95
17) 2-Methylphenol	6.95	107	58500	8.056	ng	98
18) Hexachloroethane	7.19	117	29091	7.838	ng	90
19) n-Nitroso-di-n-propylamine	7.09	70	53919	8.760	ng	95
20) 3+4-Methylphenols	7.11	107	79643	9.052	ng	90
22) Acetophenone	7.09	105	101281	8.758	ng	# 95
24) Nitrobenzene	7.26	77	78462	8.476	ng	94
25) Isophorone	7.50	82	147017	8.491	ng	99
26) 2-Nitrophenol	7.59	139	39858	8.000	ng	95
27) 2,4-Dimethylphenol	7.63	122	58332	8.190	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	94443	8.627	ng	99
29) 2,4-Dichlorophenol	7.84	162	63897	8.385	ng	96
30) 1,2,4-Trichlorobenzene	7.91	180	69260	8.369	ng	99
31) Naphthalene	7.99	128	230175	9.023	ng	98
32) Benzoic acid	7.74	122	24110	4.372	ng	94
33) 4-Chloroaniline	8.04	127	92367	9.131	ng	99
34) Hexachlorobutadiene	8.10	225	42949	8.513	ng	97
35) Caprolactam	8.39	113	21398	8.846	ng	93
36) 4-Chloro-3-methylphenol	8.53	107	67339	8.803	ng	98
37) 2-Methylnaphthalene	8.67	142	154248	9.193	ng	99
38) 1-Methylnaphthalene	8.77	142	150410	9.297	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	73337	8.381	ng	99

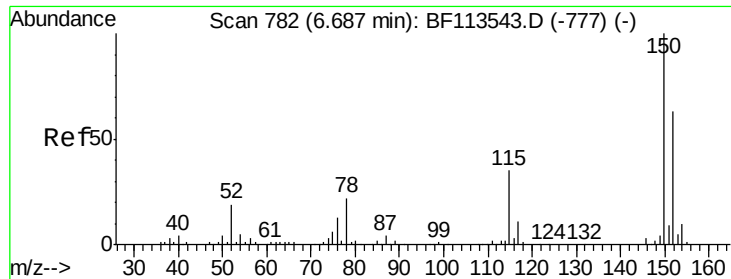
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	3615	14.338	ng	94
43) 2,4,6-Trichlorophenol	8.96	196	43531	7.881	ng	100
44) 2,4,5-Trichlorophenol	9.02	196	46640	7.865	ng	97
46) 1,1'-Biphenyl	9.14	154	203309	9.106	ng	98
47) 2-Chloronaphthalene	9.16	162	145840	8.628	ng	98
48) 2-Nitroaniline	9.26	65	43029	8.319	ng	98
49) Acenaphthylene	9.57	152	256031	9.314	ng	98
50) Dimethylphthalate	9.43	163	177744	8.912	ng	100
51) 2,6-Dinitrotoluene	9.50	165	38163	8.681	ng	97
52) Acenaphthene	9.75	154	143630	9.128	ng	99
53) 3-Nitroaniline	9.67	138	43823	8.768	ng	88
54) 2,4-Dinitrophenol	9.81	184	9868	4.798	ng	# 87
55) Dibenzofuran	9.92	168	222636	9.646	ng	97
56) 4-Nitrophenol	9.87	139	18665	6.020	ng	90
57) 2,4-Dinitrotoluene	9.91	165	50069	9.417	ng	92
58) Fluorene	10.26	166	178145	9.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	36314	7.075	ng	93
60) Diethylphthalate	10.13	149	178182	9.267	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	85747	9.549	ng	92
62) 4-Nitroaniline	10.28	138	45500	8.952	ng	96
63) Azobenzene	10.41	77	166654	9.154	ng	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	17445	5.801	ng	86
66) n-Nitrosodiphenylamine	10.37	169	155614	8.873	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	55325	8.635	ng	97
68) Hexachlorobenzene	10.81	284	63261	8.617	ng	# 93
69) Atrazine	10.89	200	50314	9.102	ng	96
70) Pentachlorophenol	11.02	266	18364	5.309	ng	# 84
71) Phenanthrene	11.22	178	267016	9.406	ng	98
72) Anthracene	11.27	178	270546	9.367	ng	98
73) Carbazole	11.42	167	255074	9.443	ng	98
74) Di-n-butylphthalate	11.75	149	296997	9.243	ng	99
75) Fluoranthene	12.40	202	301887	9.924	ng	99
77) Benzidine	12.52	184	142509	7.513	ng	98
78) Pyrene	12.63	202	306800	7.905	ng	98
80) Butylbenzylphthalate	13.24	149	122998	7.786	ng	99
81) Benzo(a)anthracene	13.81	228	255100	8.670	ng	98
82) 3,3'-Dichlorobenzidine	13.77	252	101129	8.923	ng	99
83) Chrysene	13.84	228	261962	8.783	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	162469	8.506	ng	# 100
85) Di-n-octyl phthalate	14.41	149	271598	8.748	ng	99
86) Indeno(1,2,3-cd)pyrene	16.57	276	202824	7.365	ng	98
88) Benzo(b)fluoranthene	14.83	252	240145	8.656	ng	99
89) Benzo(k)fluoranthene	14.85	252	216316	8.688	ng	99
90) Benzo(a)pyrene	15.16	252	208068	8.440	ng	98
91) Dibenzo(a,h)anthracene	16.57	278	171452	7.437	ng	98
92) Benzo(g,h,i)perylene	16.97	276	159482	6.778	ng	97

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

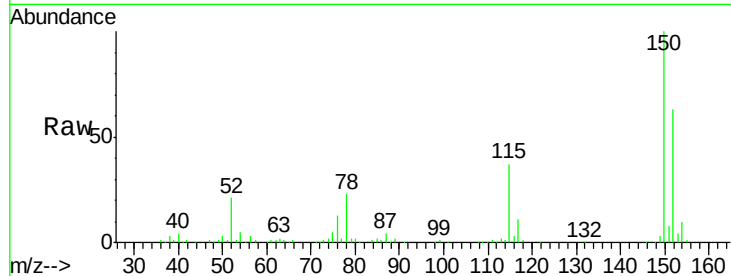


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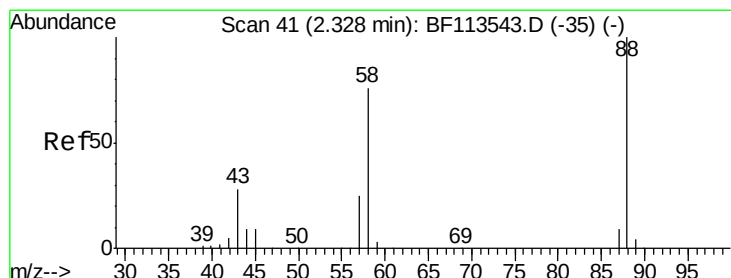
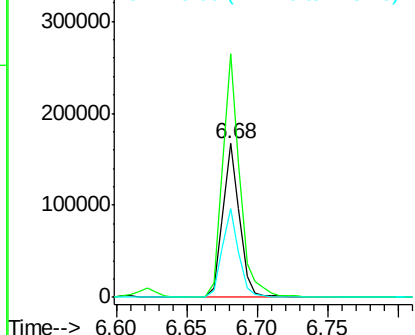
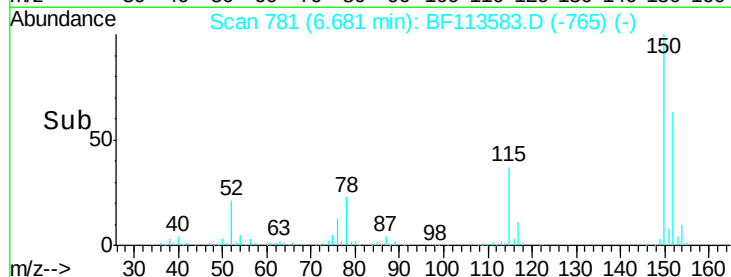
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138100
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 57.8 46.0 69.0



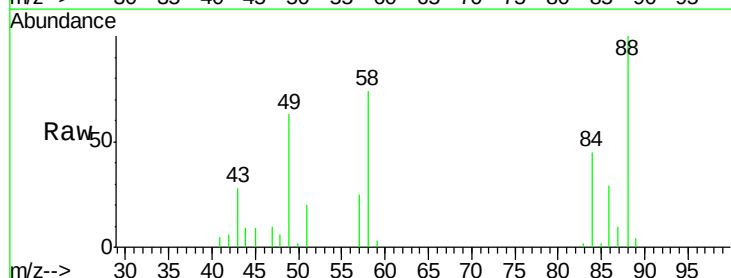
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



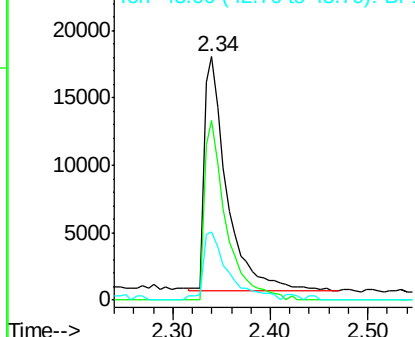
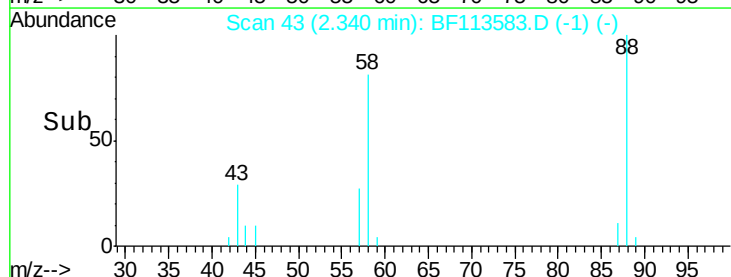
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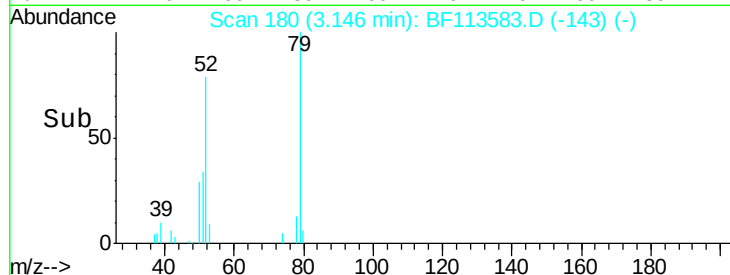
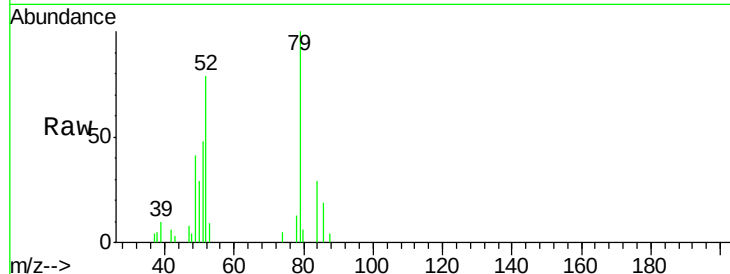
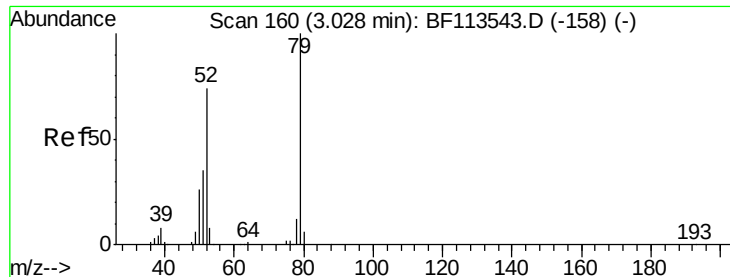
1,4-Dioxane
Concen: 7.196 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion: 88 Resp: 27601
Ion Ratio Lower Upper
88 100
58 73.4 61.9 92.9
43 32.5 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

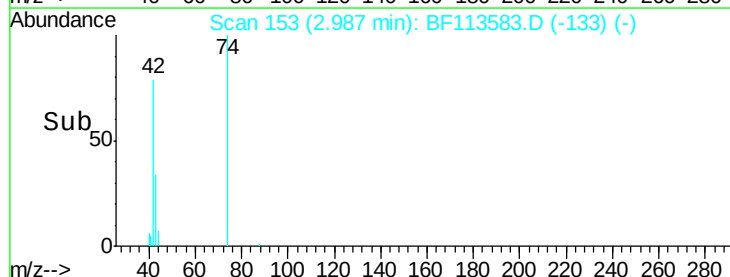
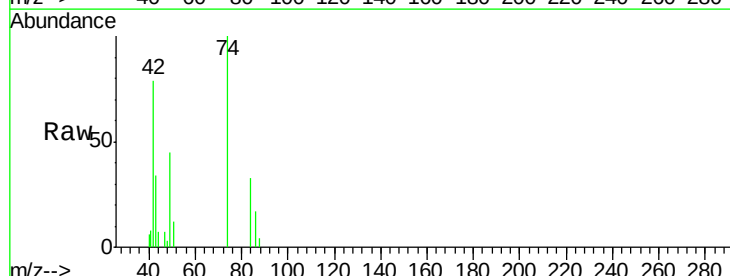
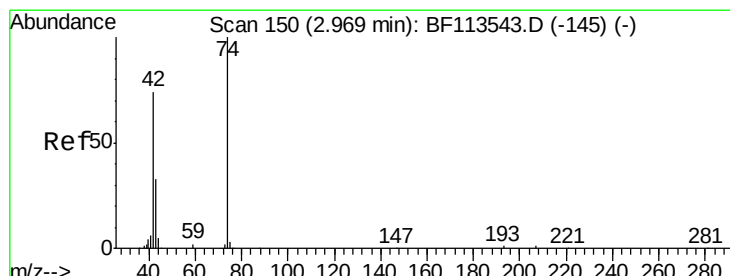
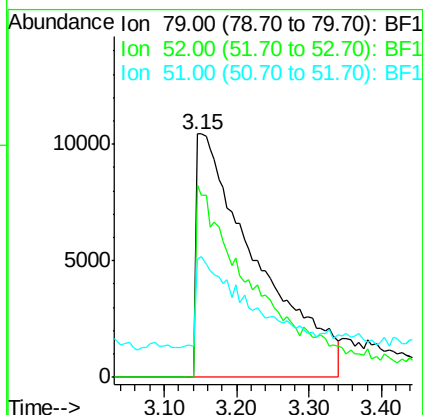




#3
 Pvridine
 Concen: 6.044 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.12 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

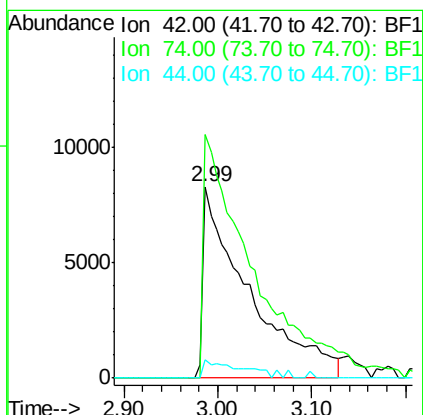
Instrument :
 BNA_F
 ClientSampleId :

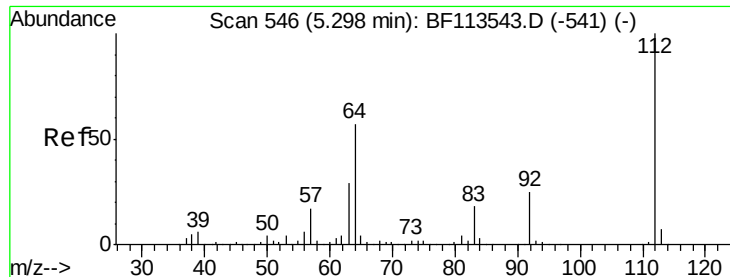
Tot Ion	Ratio	Lower	Upper
79	100		
52	79.1	61.0	91.4
51	48.3	30.6	45.8#



#4
 n-Nitrosodimethylamine
 Concen: 6.494 ng
 RT: 2.99 min Scan# 153
 Delta R.T. 0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.2	102.4	153.6
44	9.3	5.5	8.3#





#5

2-Fluorophenol

Concen: 124.535 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampled :

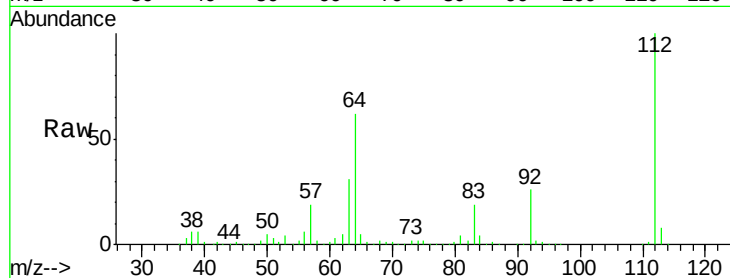
Tot Ion:112 Resp: 1008557

Ion Ratio Lower Upper

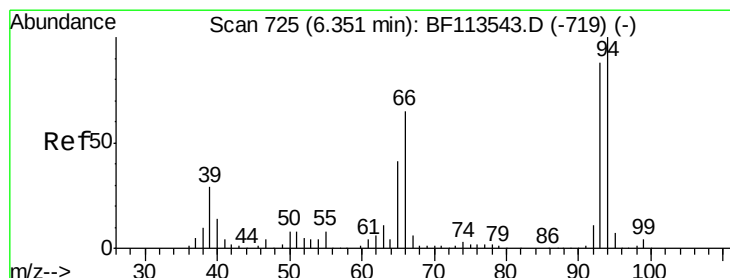
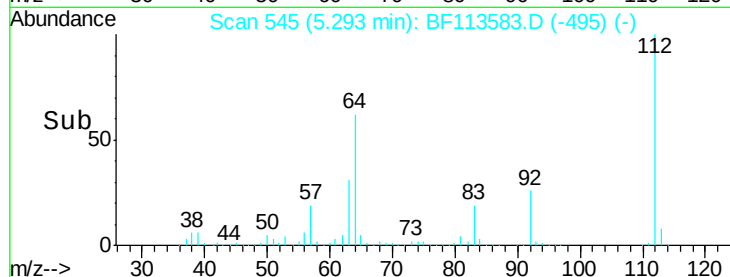
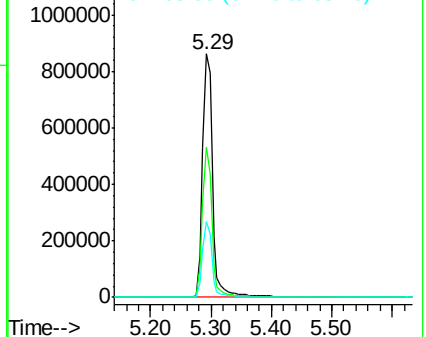
112 100

64 61.7 49.2 73.8

63 31.2 24.9 37.3



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



#6

Aniline

Concen: 8.573 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

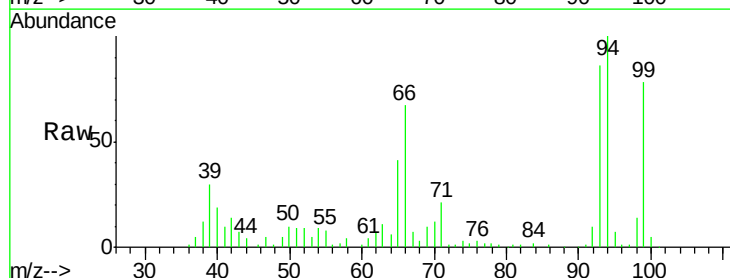
Tgt Ion: 93 Resp: 103728

Ion Ratio Lower Upper

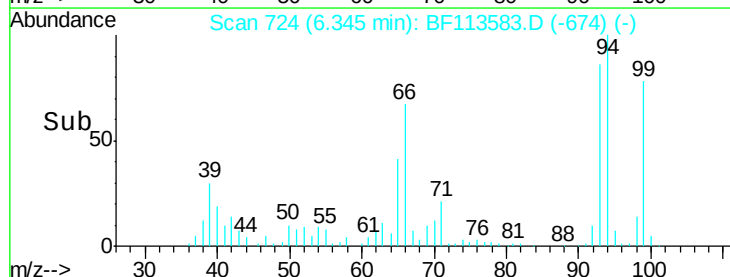
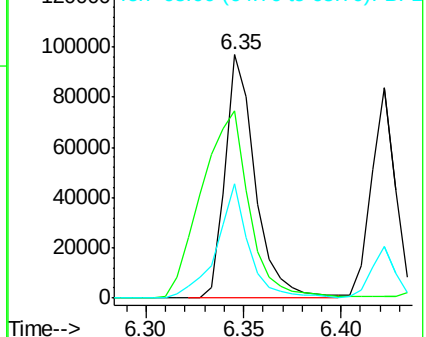
93 100

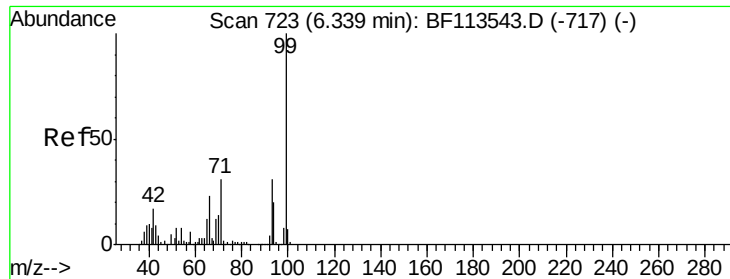
66 77.0 62.1 93.1

65 47.0 38.7 58.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.581 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampled :

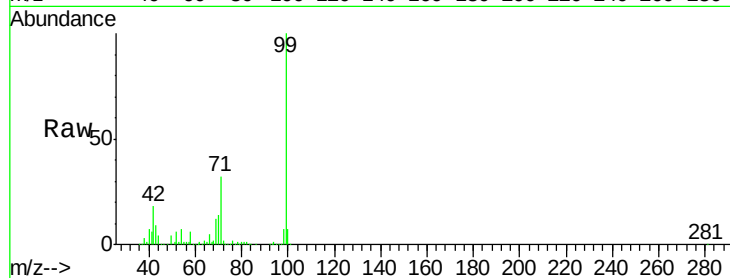
Tot Ion: 99 Resp: 1313383

Ion Ratio Lower Upper

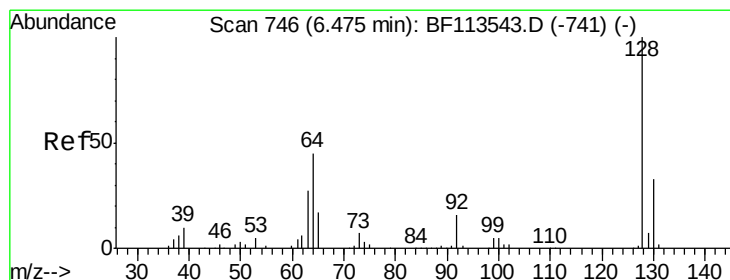
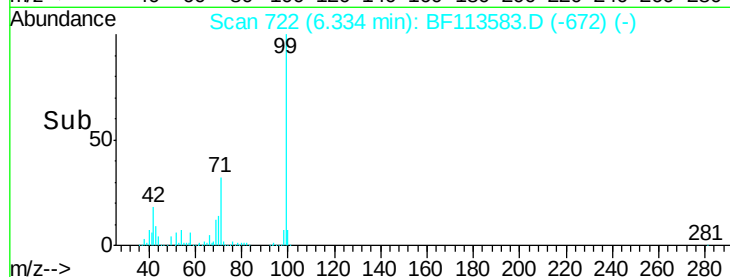
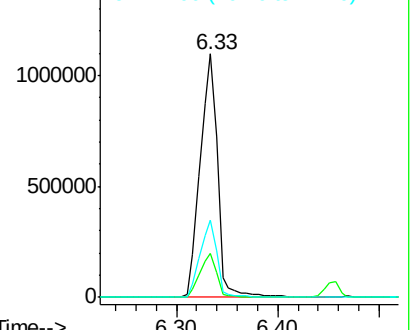
99 100

42 18.3 14.8 22.2

71 31.9 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: 8.175 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

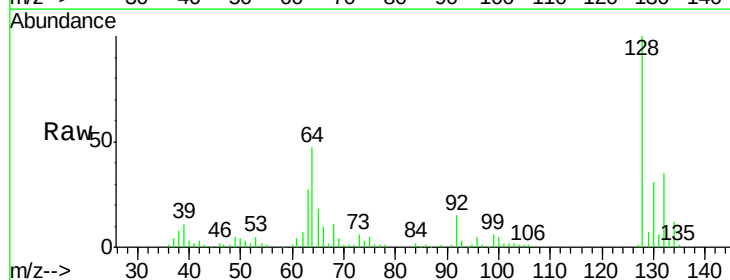
Tgt Ion: 128 Resp: 76597

Ion Ratio Lower Upper

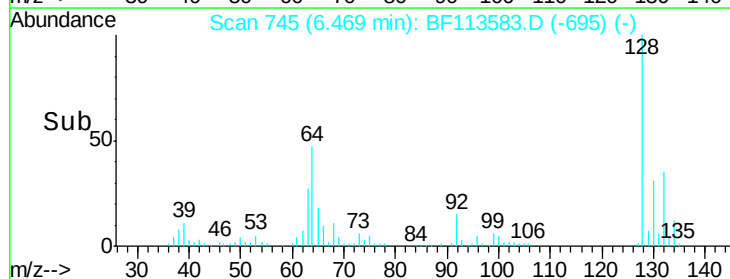
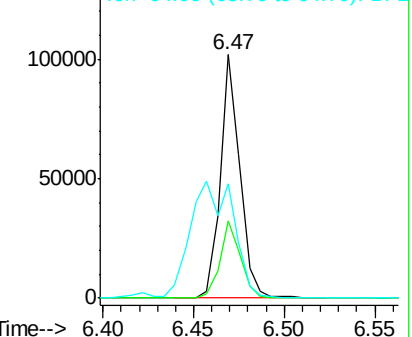
128 100

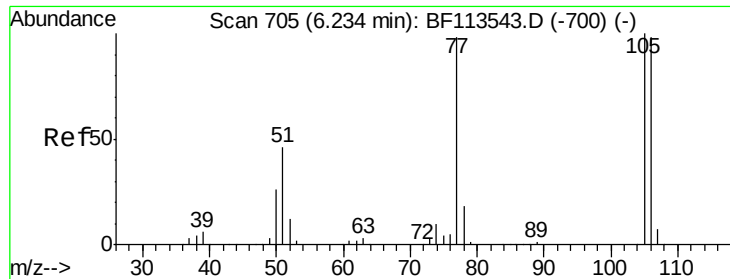
130 31.5 12.6 52.6

64 47.2 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

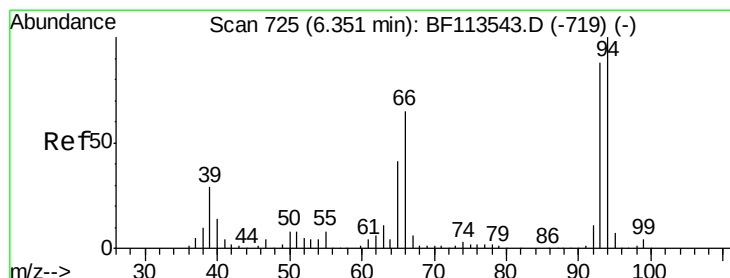
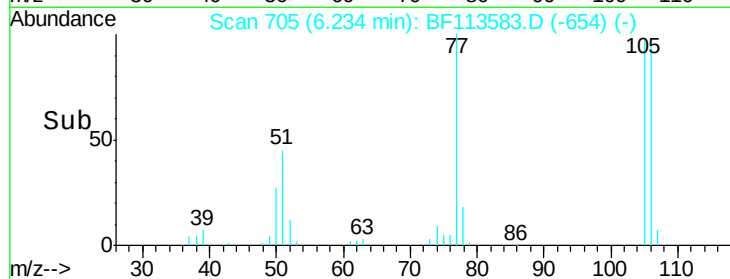
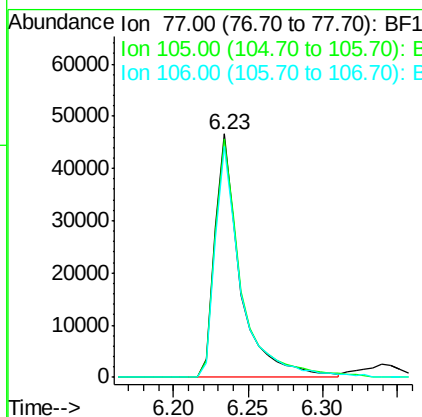
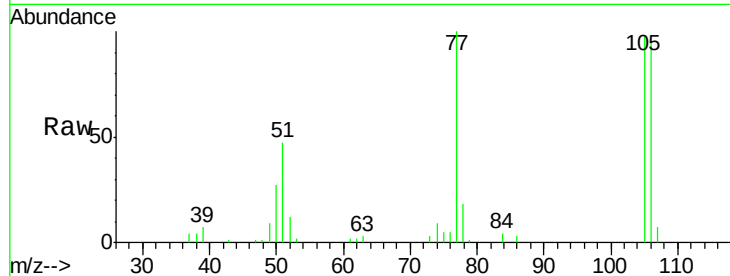




#9
Benzaldehyde
Concen: 9.309 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

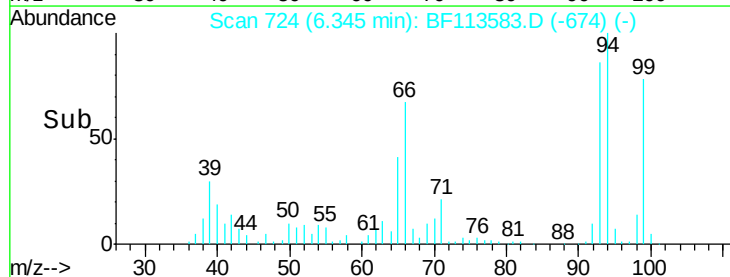
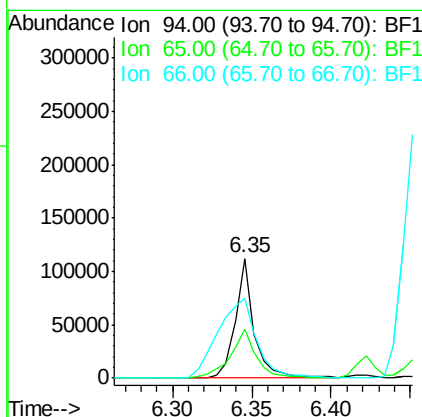
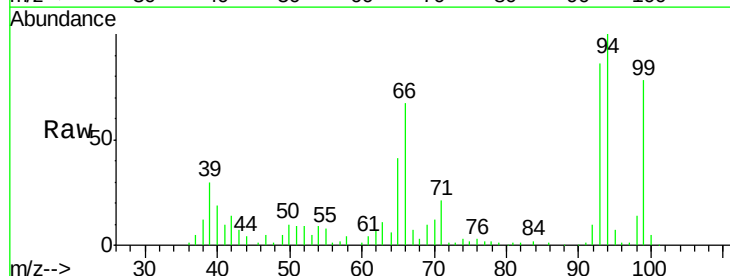
Instrument :
BNA_F
ClientSampleId :

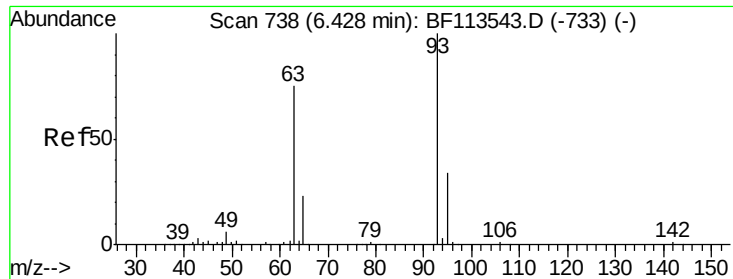
Tot Ion: 77 Resp: 55247
Ion Ratio Lower Upper
77 100
105 98.1 80.9 120.9
106 95.0 77.8 117.8



#10
Phenol
Concen: 8.162 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion: 94 Resp: 93046
Ion Ratio Lower Upper
94 100
65 40.6 21.4 61.4
66 66.5 46.4 86.4

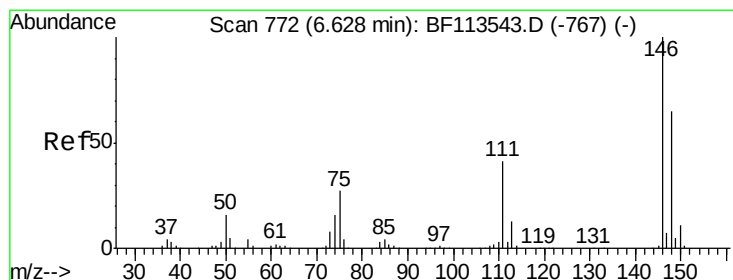
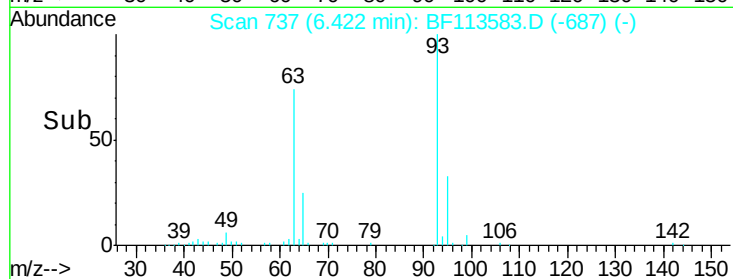
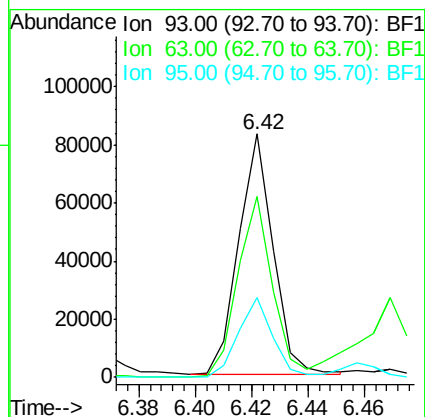
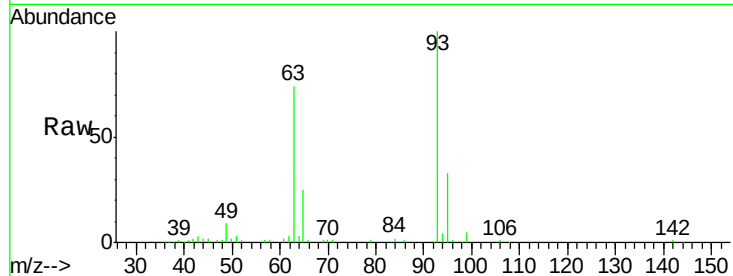




#11
bis(2-Chloroethyl)ether
Concen: 7.877 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

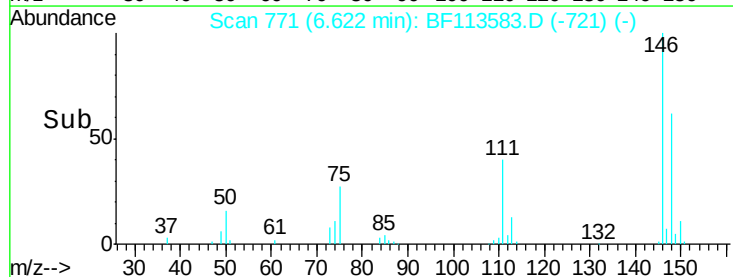
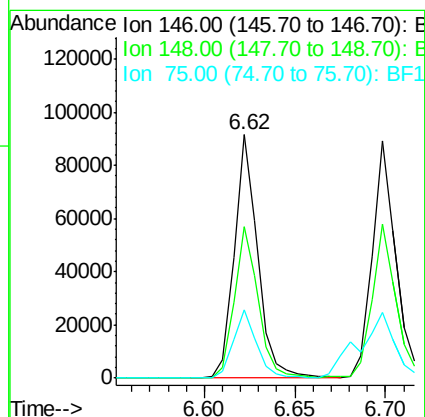
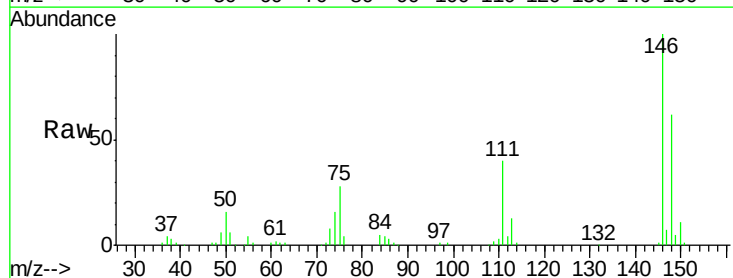
Instrument :
BNA_F
ClientSampleId :

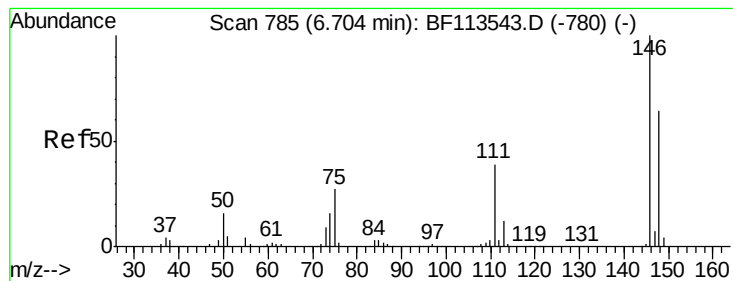
Tot Ion: 93 Resp: 69853
Ion Ratio Lower Upper
93 100
63 74.4 56.1 96.1
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 8.133 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion: 146 Resp: 82066
Ion Ratio Lower Upper
146 100
148 62.2 51.4 77.0
75 27.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 8.120 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

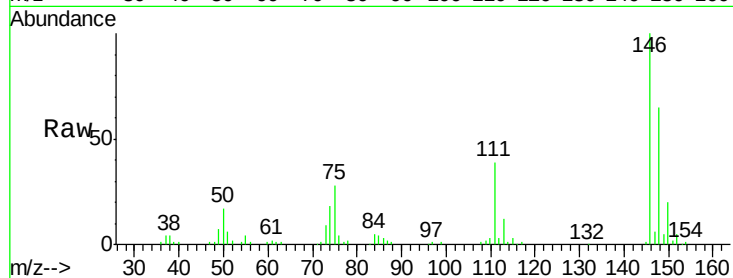
Tot Ion:146 Resp: 82799

Ion Ratio Lower Upper

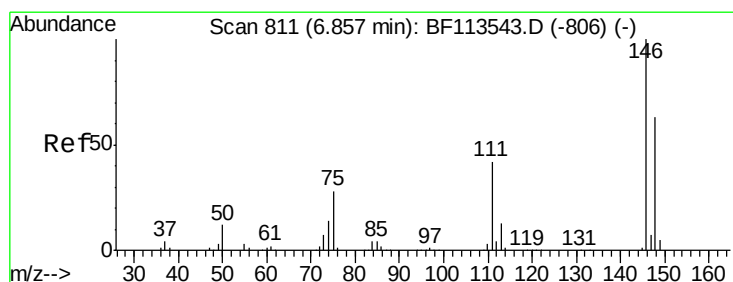
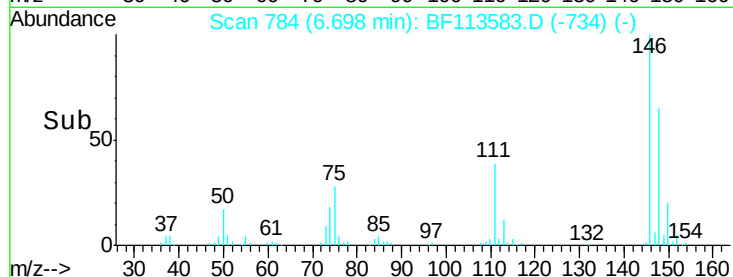
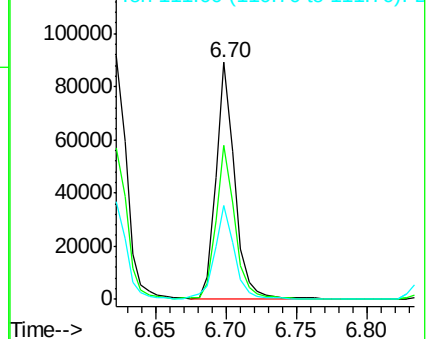
146 100

148 65.0 51.1 76.7

111 39.5 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.435 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

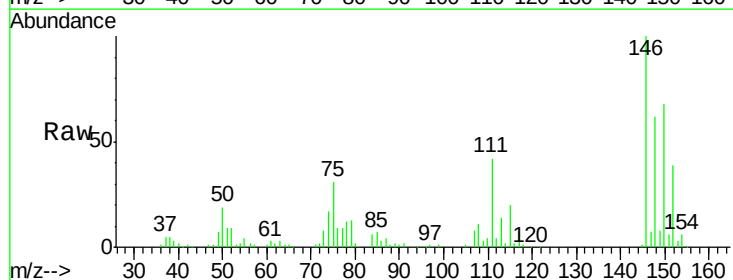
Tgt Ion:146 Resp: 77635

Ion Ratio Lower Upper

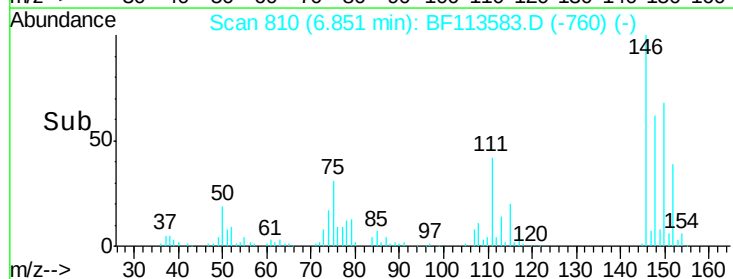
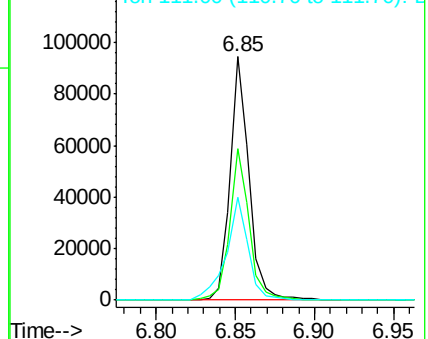
146 100

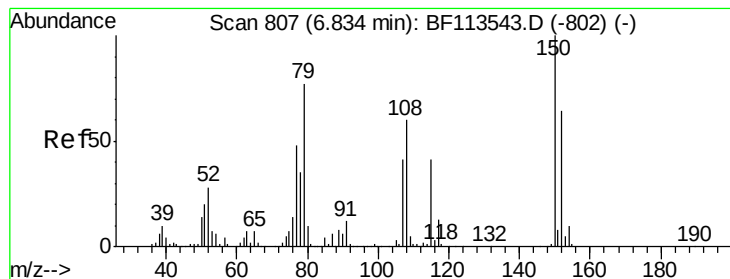
148 62.2 50.2 75.4

111 42.4 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.275 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampled :

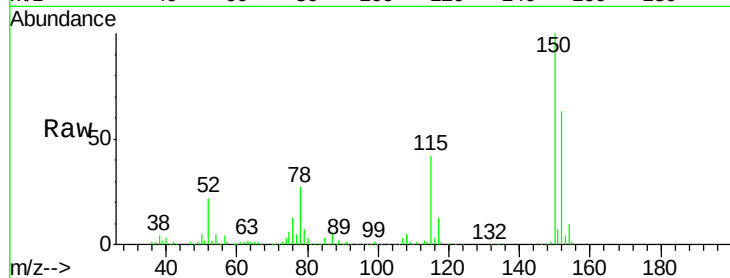
Tot Ion: 79 Resp: 62598

Ion Ratio Lower Upper

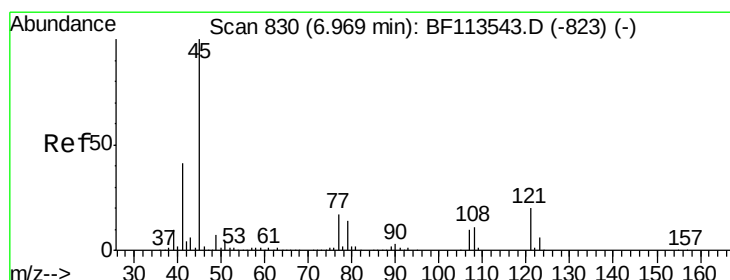
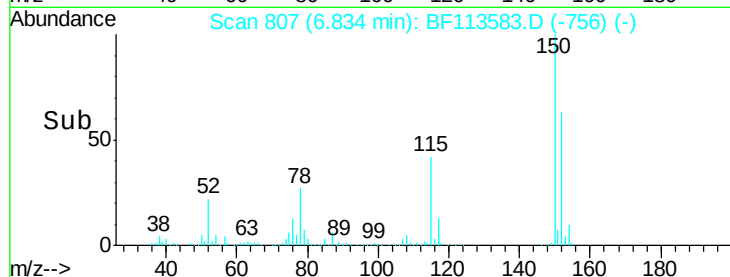
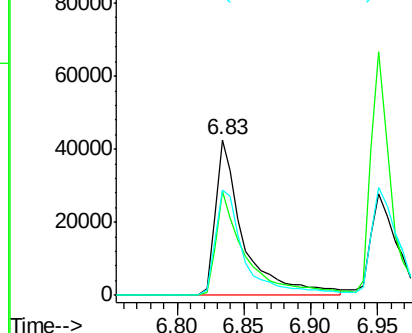
79 100

108 66.6 62.0 93.0

77 67.9 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.284 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

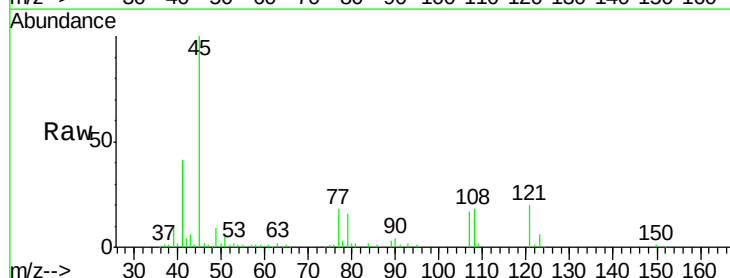
Tgt Ion: 45 Resp: 114346

Ion Ratio Lower Upper

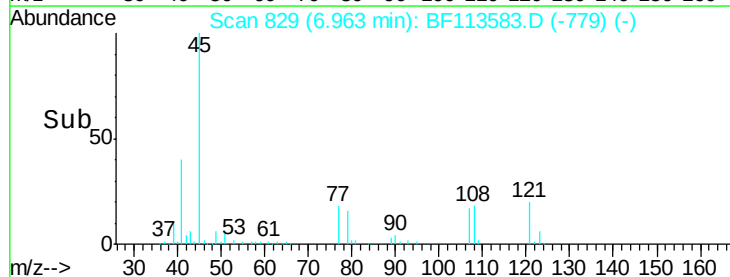
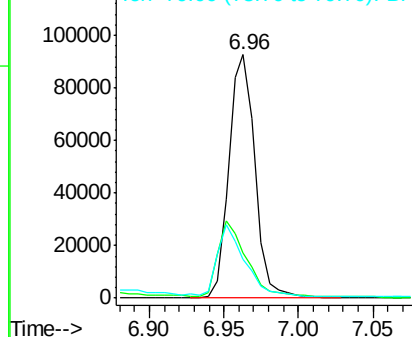
45 100

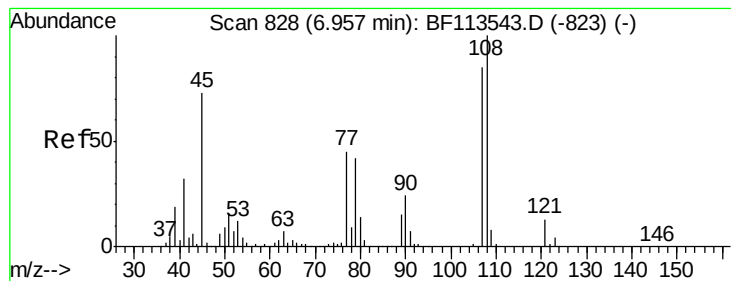
77 18.4 0.0 36.6

79 16.0 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

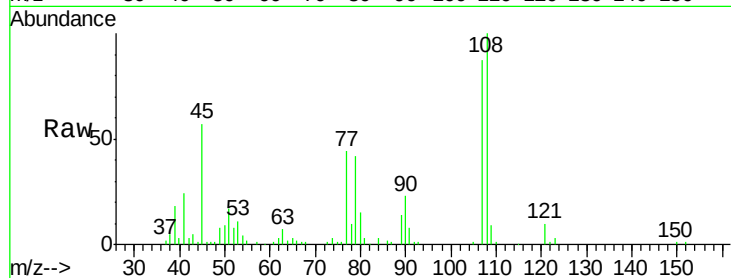




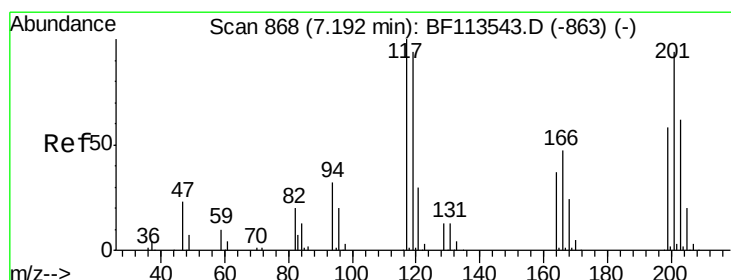
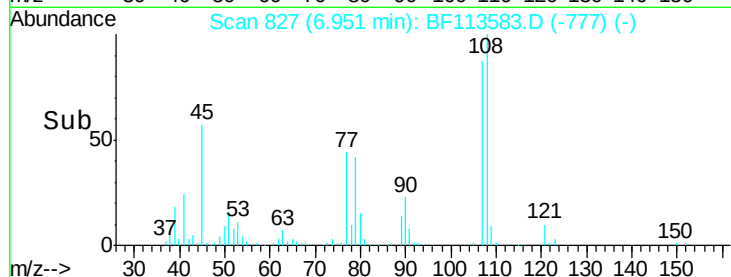
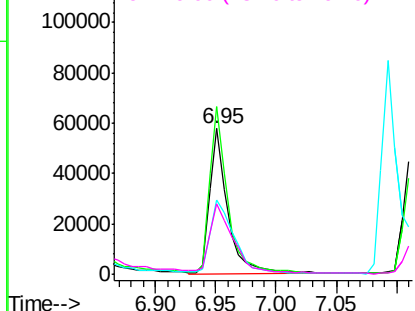
#17
2-Methylphenol
Concen: 8.056 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 58500
Ion Ratio Lower Upper
107 100
108 115.2 93.4 140.0
77 50.9 41.2 61.8
79 48.3 40.1 60.1

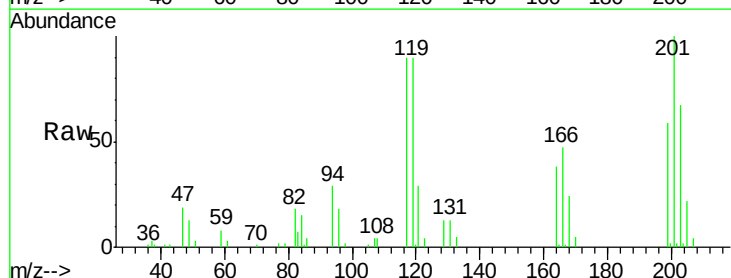


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

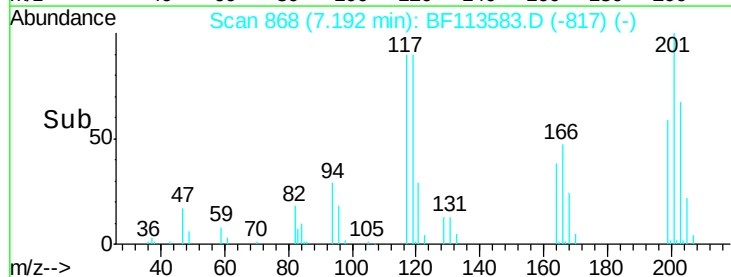
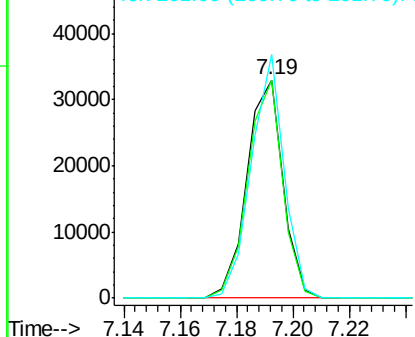


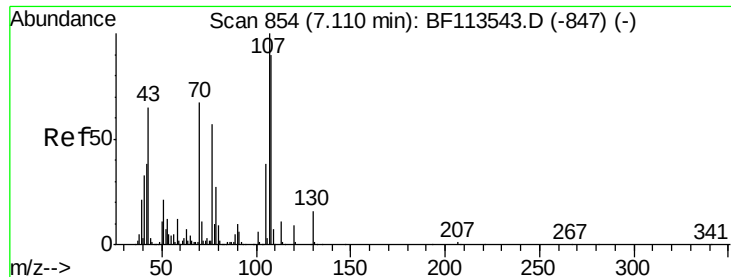
#18
Hexachloroethane
Concen: 7.838 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:117 Resp: 29091
Ion Ratio Lower Upper
117 100
119 99.9 76.9 115.3
201 114.0 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

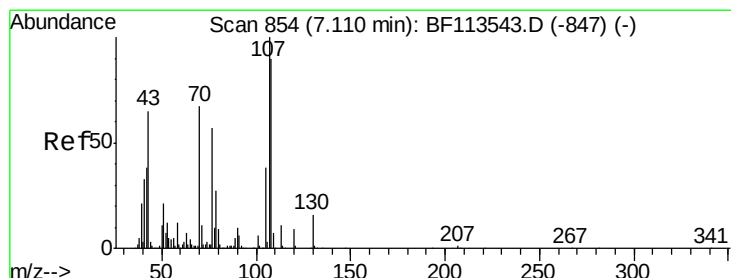
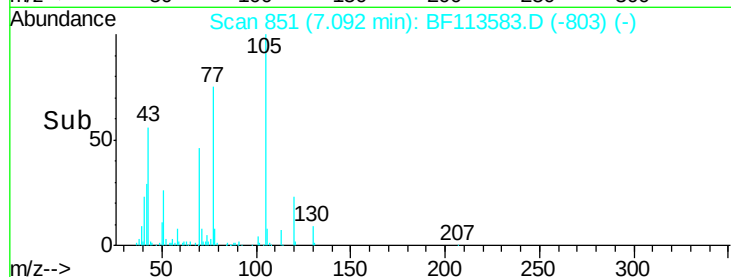
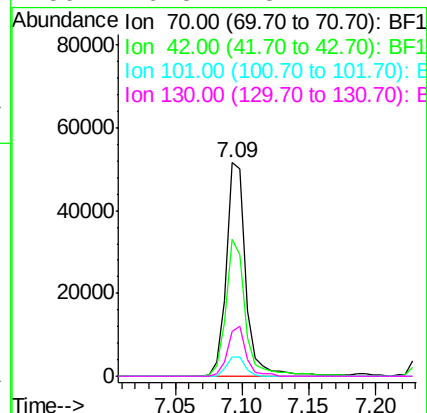
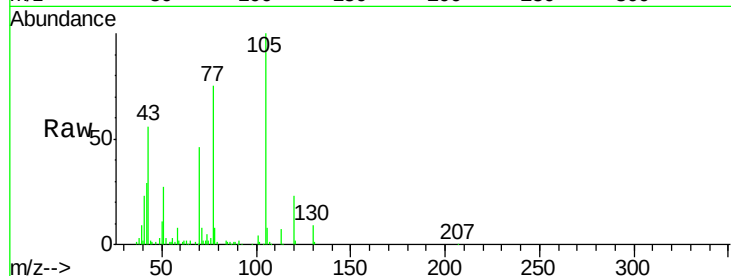




#19
n-Nitroso-di-n-propylamine
Concen: 8.760 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

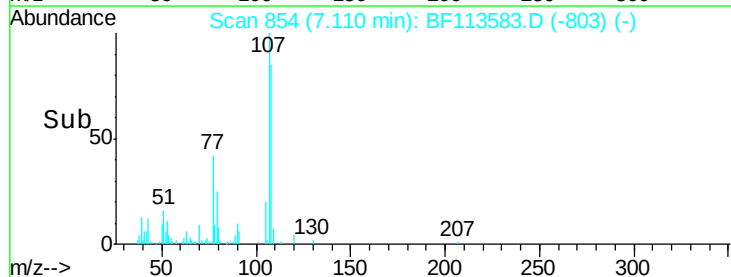
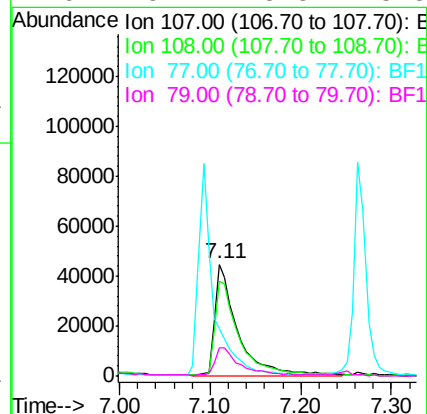
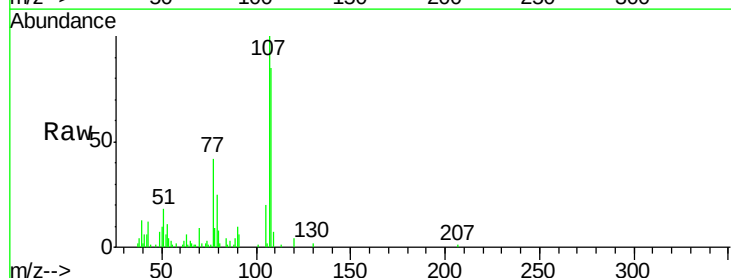
Instrument :
BNA_F
ClientSampleId :

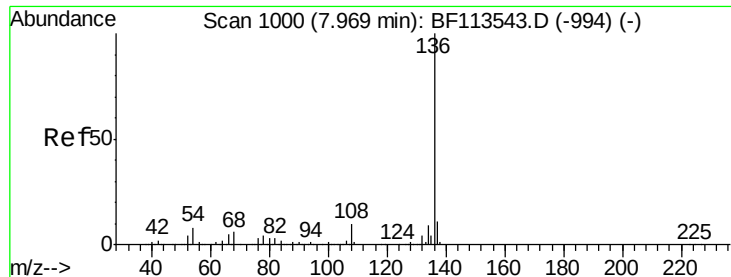
Tot Ion: 70 Resp: 53919
Ion Ratio Lower Upper
70 100
42 64.3 48.4 72.6
101 8.9 7.8 11.8
130 20.8 18.2 27.4



#20
3+4-Methylphenols
Concen: 9.052 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion: 107 Resp: 79643
Ion Ratio Lower Upper
107 100
108 84.8 71.4 111.4
77 42.2 33.5 73.5
79 25.1 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 526505

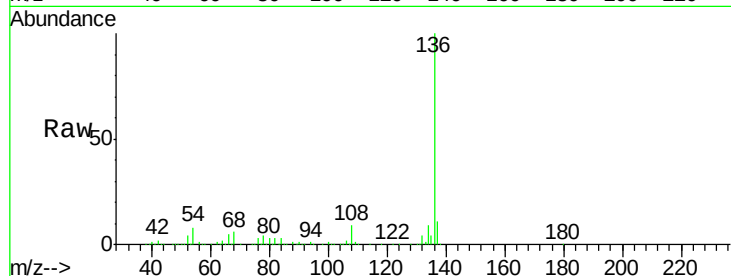
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 7.0 10.6

68 5.9 4.8 7.2

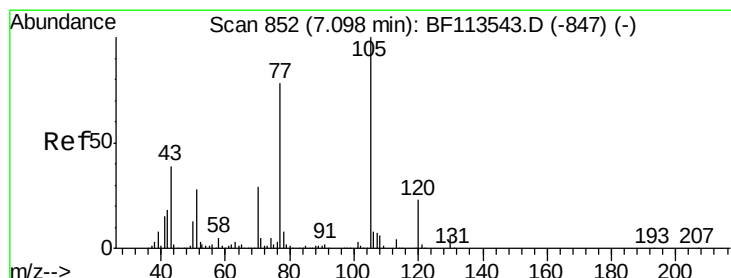
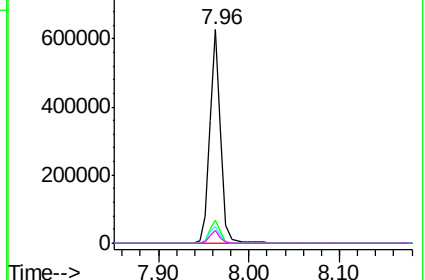
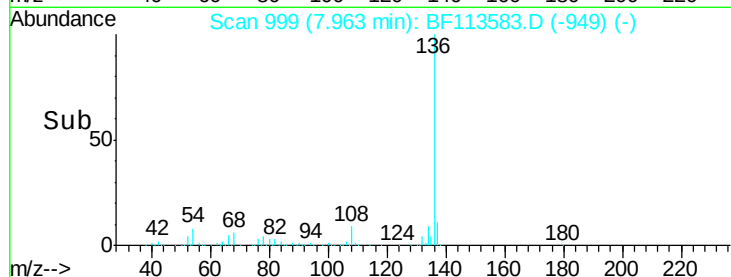


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 8.758 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:105 Resp: 101281

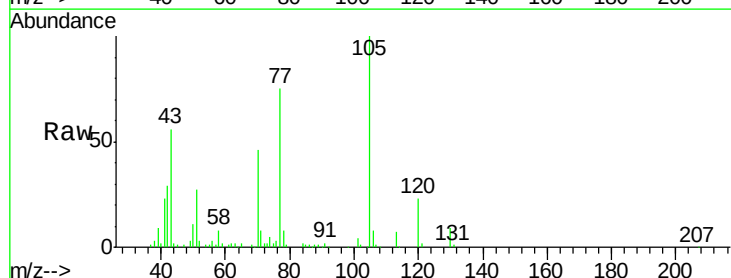
Ion Ratio Lower Upper

105 100

71 7.7 3.3 4.9#

51 26.6 24.2 36.2

120 23.1 18.1 27.1

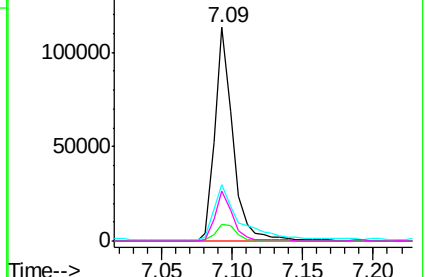
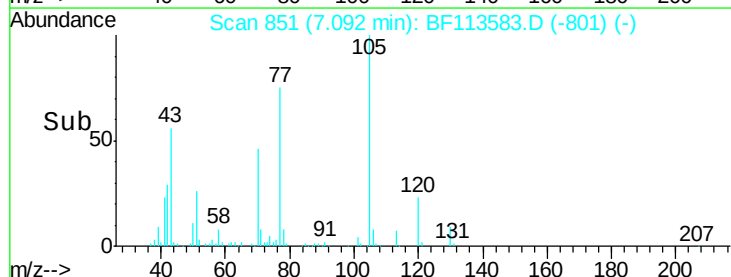


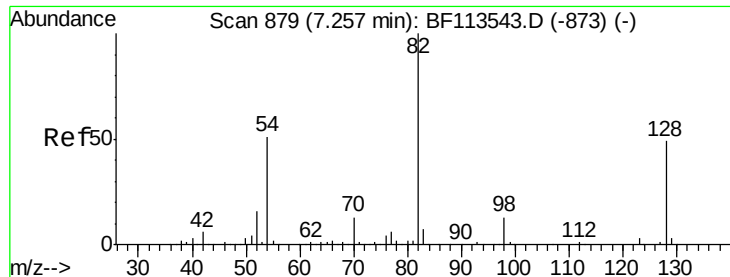
Abundance Ion 105.00 (104.70 to 105.70): E

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

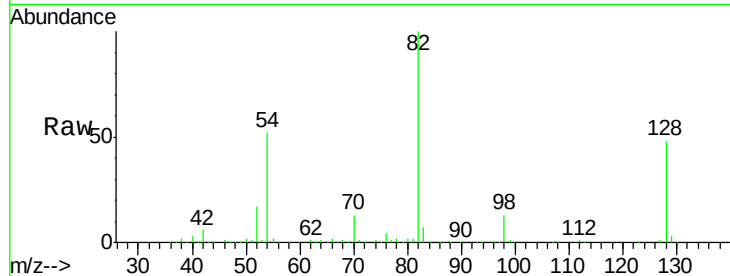




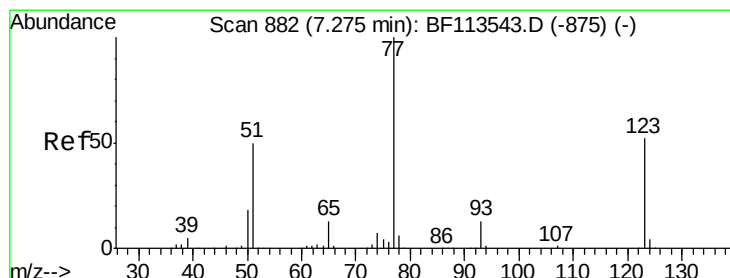
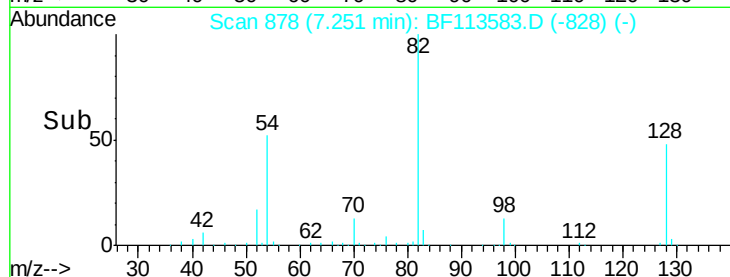
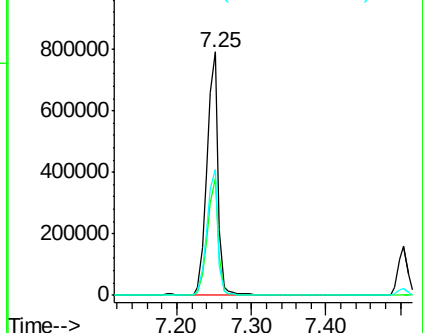
#23
Nitrobenzene-d5
Concen: 91.518 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 822612
Ion Ratio Lower Upper
82 100
128 48.1 36.5 54.7
54 51.9 42.2 63.2

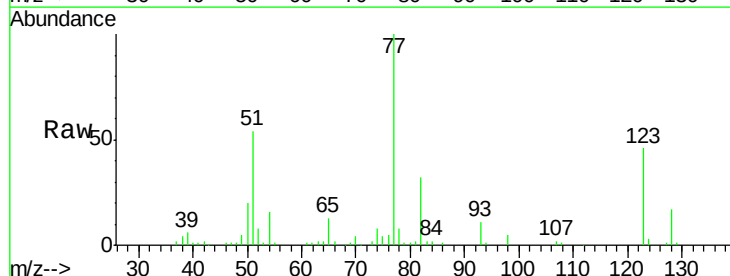


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

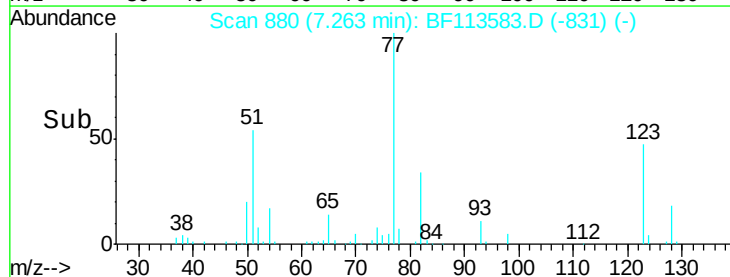
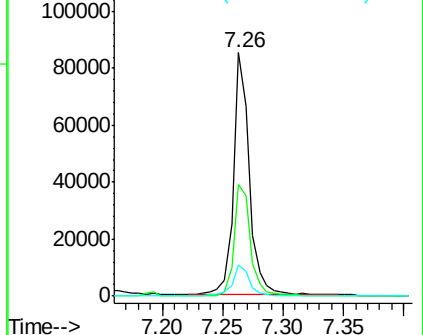


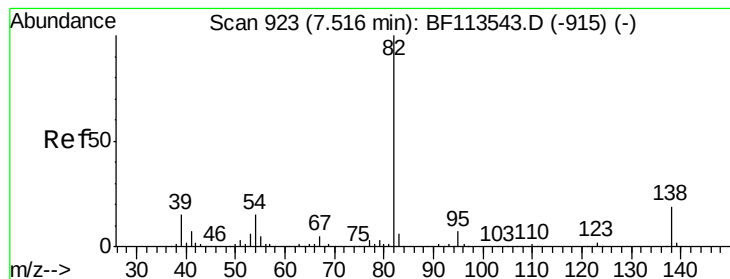
#24
Nitrobenzene
Concen: 8.476 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion: 77 Resp: 78462
Ion Ratio Lower Upper
77 100
123 46.2 40.8 61.2
65 12.7 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: 8.491 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

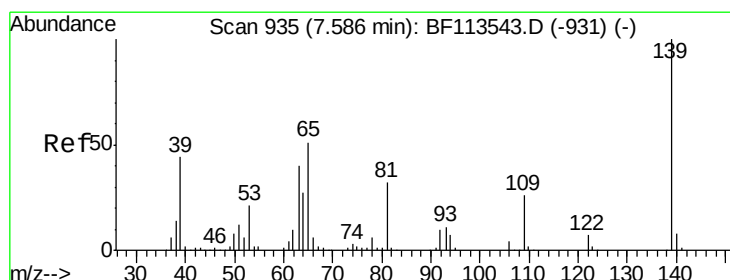
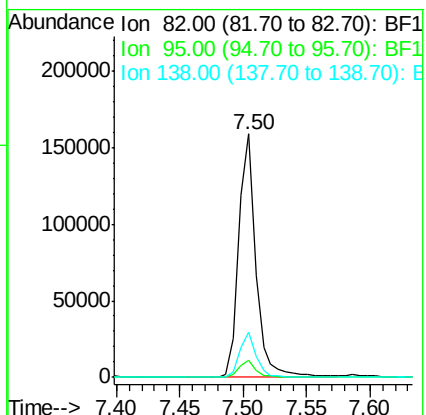
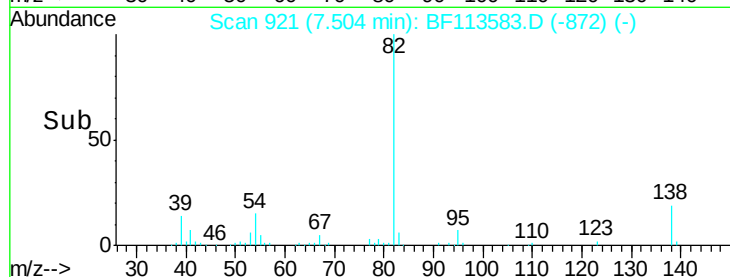
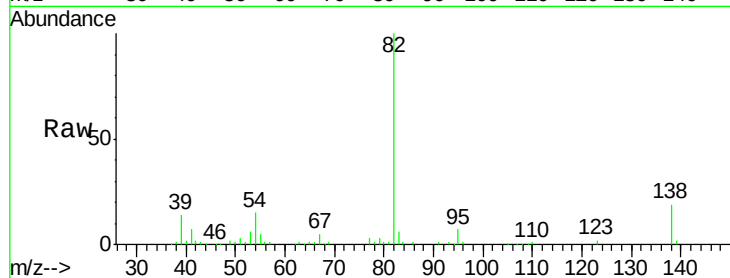
Tot Ion: 82 Resp: 147017

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.5 15.2 22.8



#26

2-Nitrophenol

Concen: 8.000 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

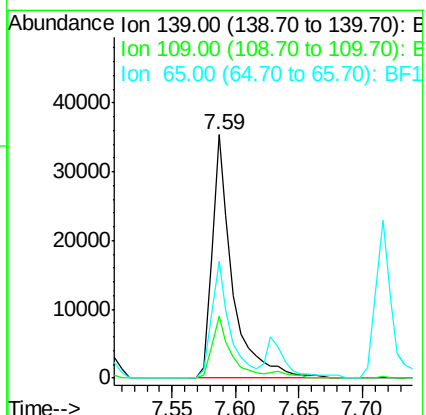
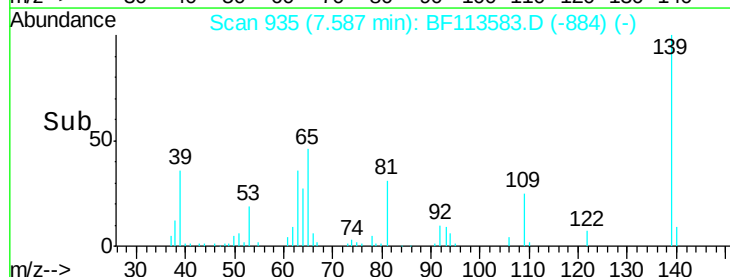
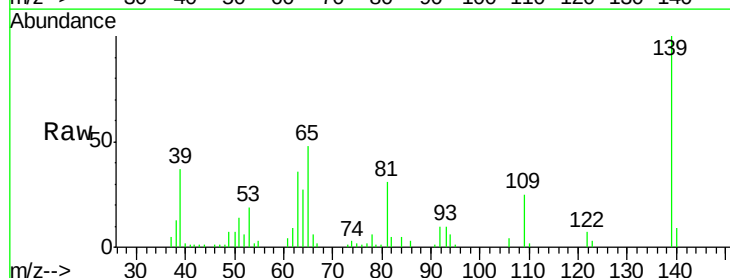
Tgt Ion: 139 Resp: 39858

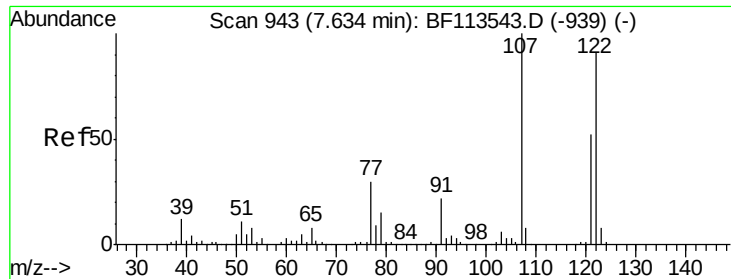
Ion Ratio Lower Upper

139 100

109 25.2 21.7 32.5

65 48.1 41.6 62.4

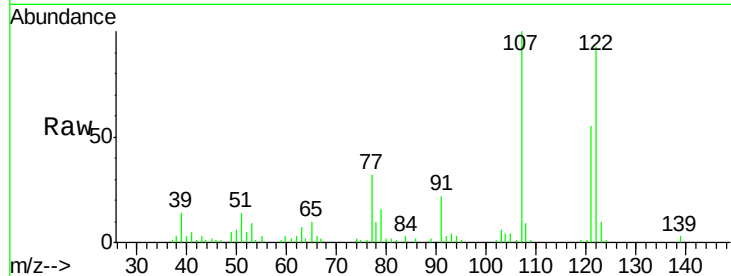




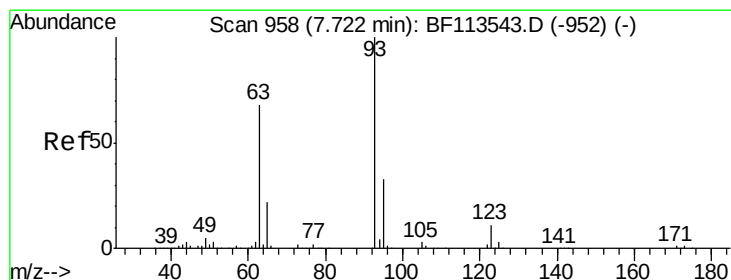
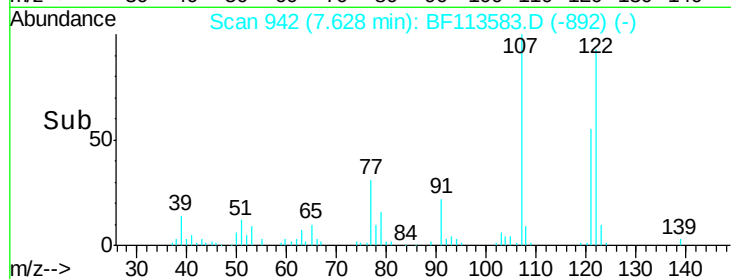
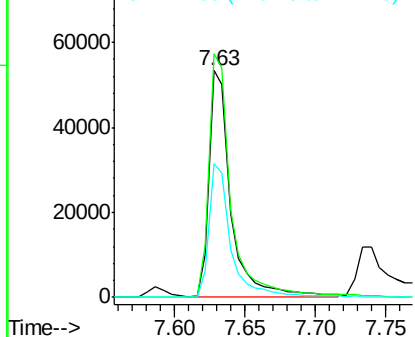
#27
 2,4-Dimethylphenol
 Concen: 8.190 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 58332
 Ion Ratio Lower Upper
 122 100
 107 107.5 88.8 133.2
 121 58.7 45.5 68.3

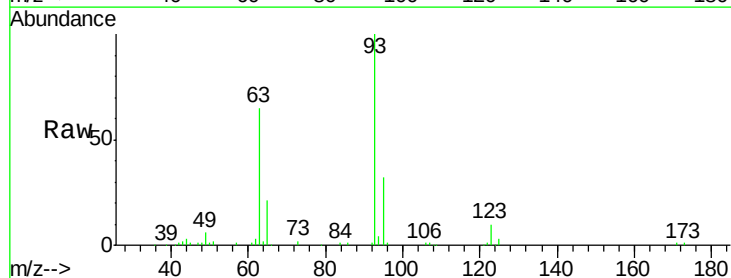


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

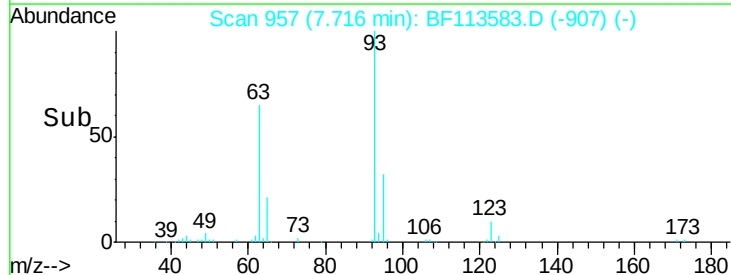
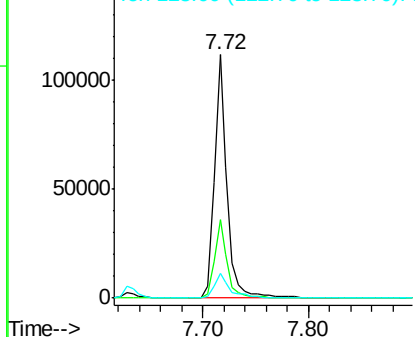


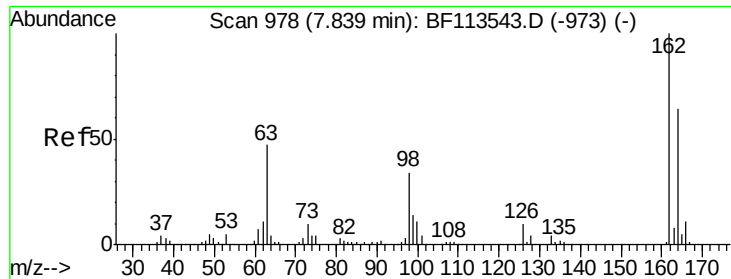
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.627 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion: 93 Resp: 94443
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 10.4 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

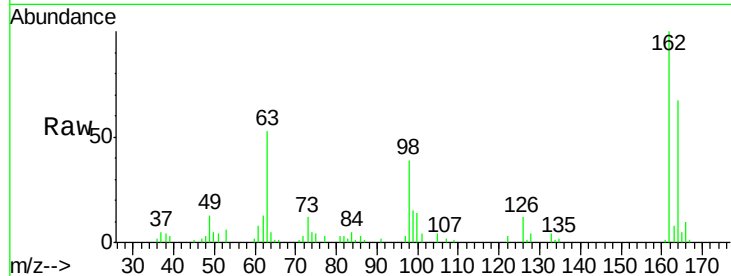




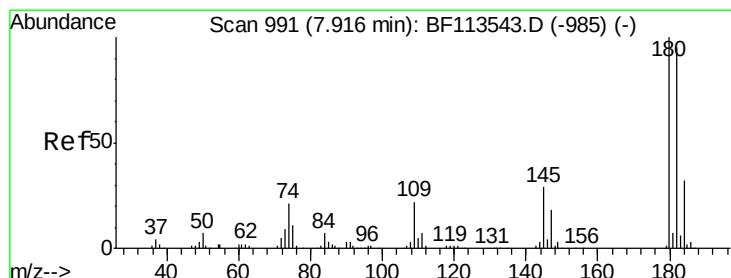
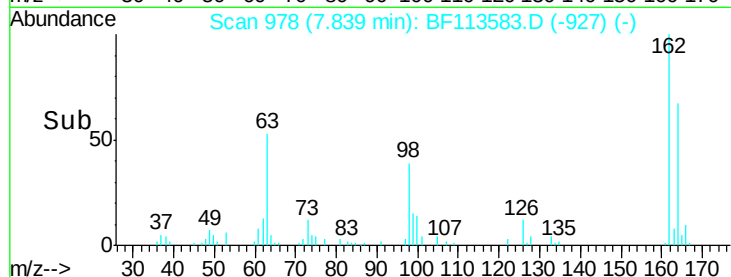
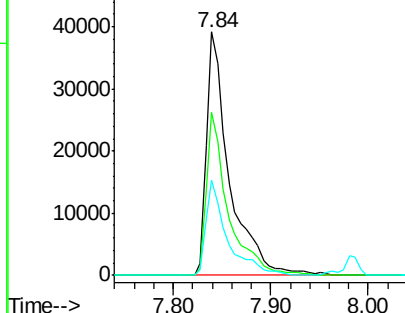
#29
 2,4-Dichlorophenol
 Concen: 8.385 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 63897
 Ion Ratio Lower Upper
 162 100
 164 66.9 44.6 84.6
 98 39.0 15.6 55.6

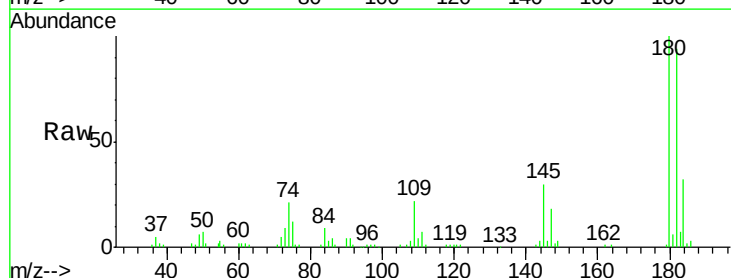


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

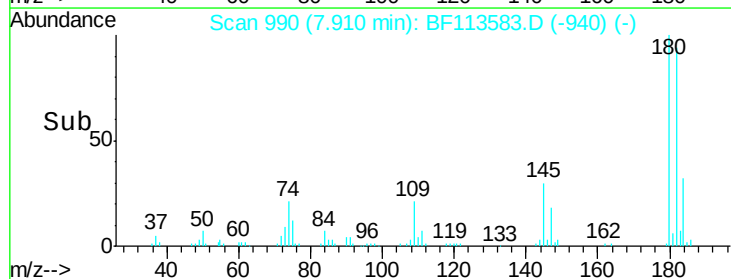
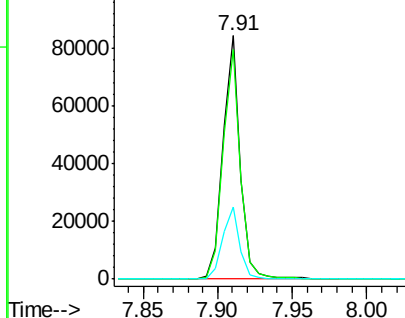


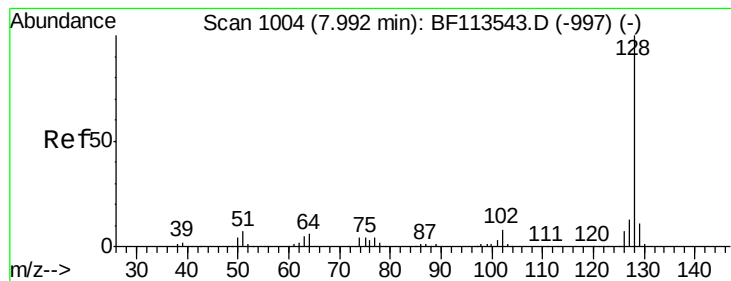
#30
 1,2,4-Trichlorobenzene
 Concen: 8.369 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:180 Resp: 69260
 Ion Ratio Lower Upper
 180 100
 182 94.3 74.6 111.8
 145 29.8 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: 9.023 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

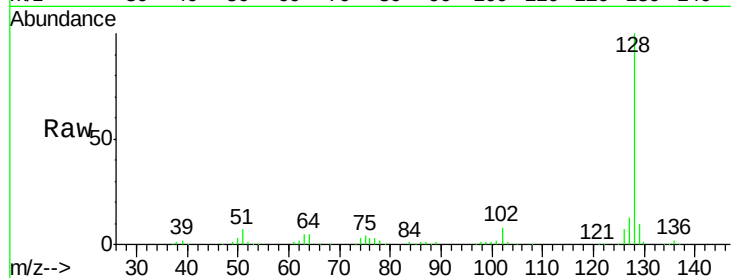
Tot Ion:128 Resp: 230175

Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

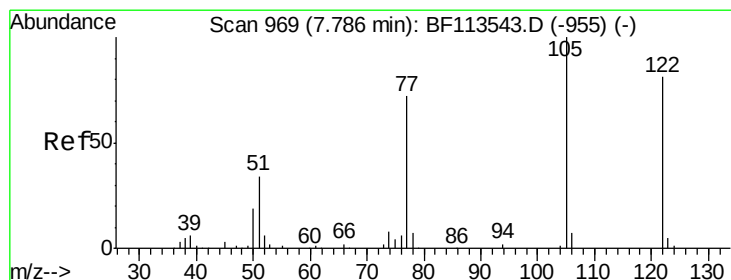
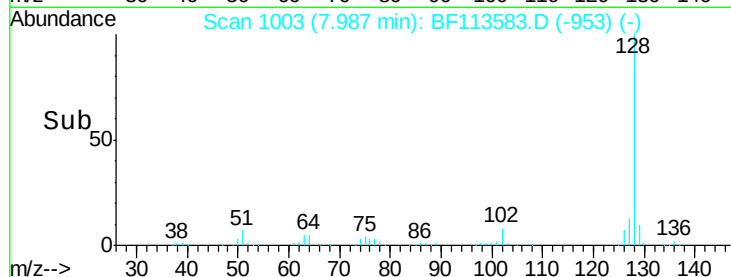
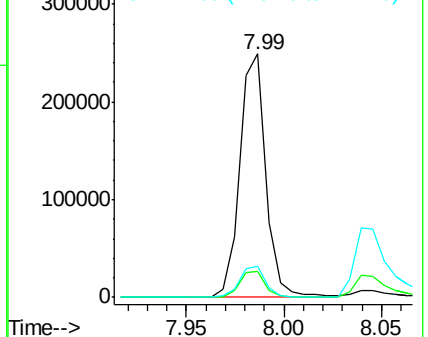
127 12.8 10.9 16.3



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: 4.372 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

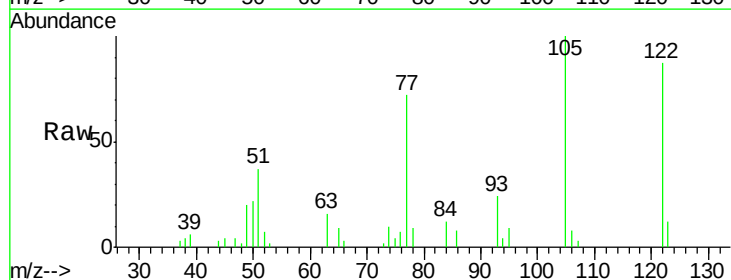
Tgt Ion:122 Resp: 24110

Ion Ratio Lower Upper

122 100

105 114.7 100.4 140.4

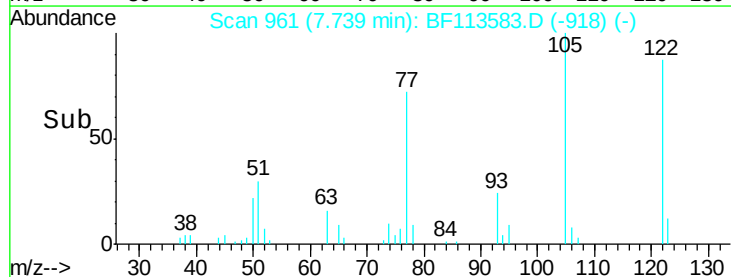
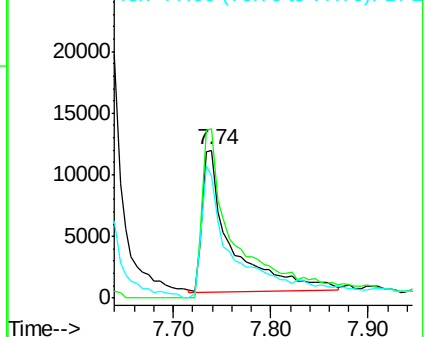
77 82.3 69.0 109.0

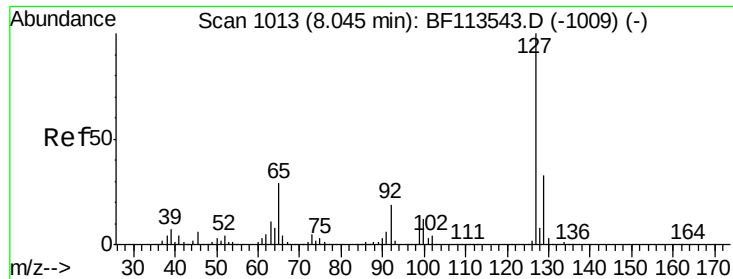


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

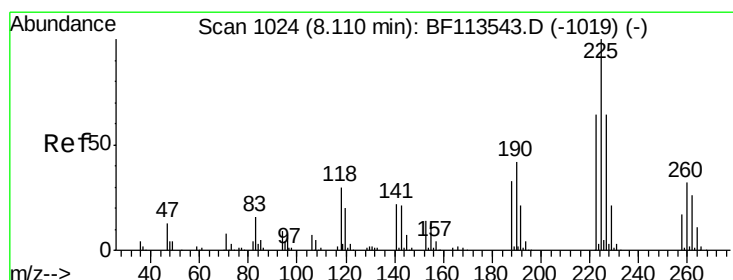
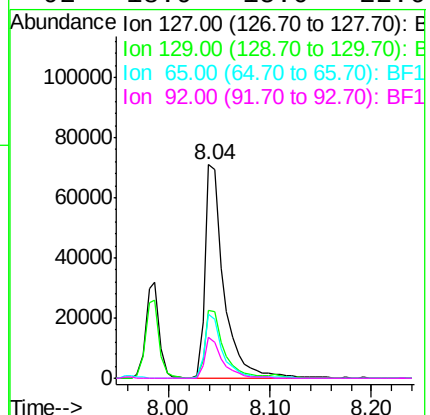
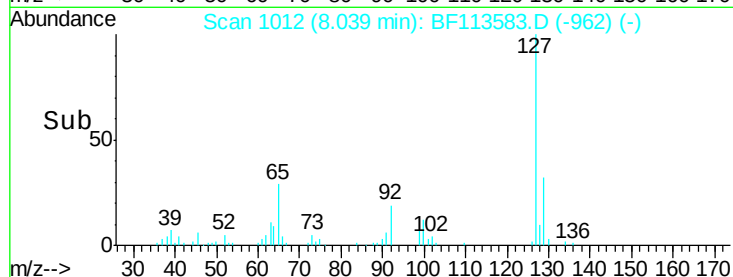
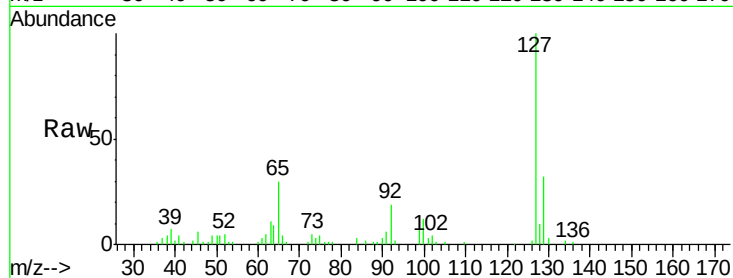




#33
4-Chloroaniline
Concen: 9.131 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

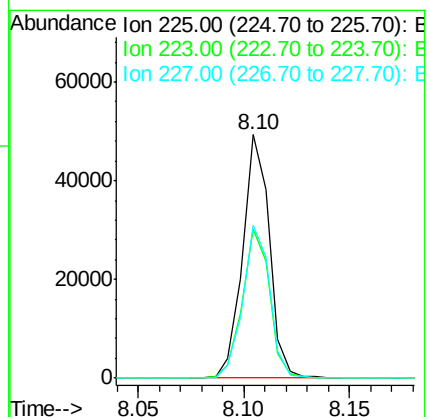
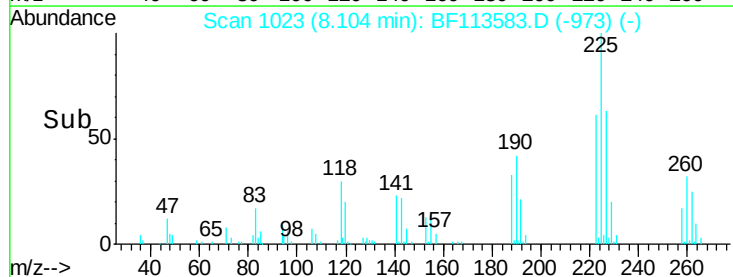
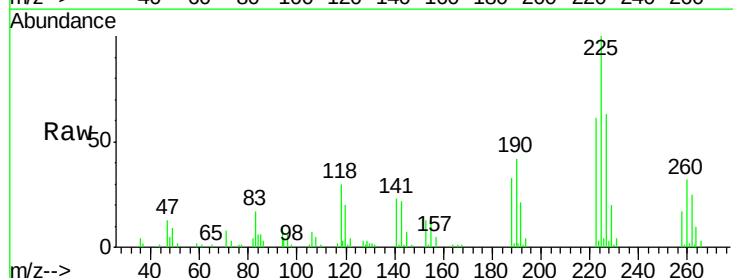
Instrument :
BNA_F
ClientSampleId :

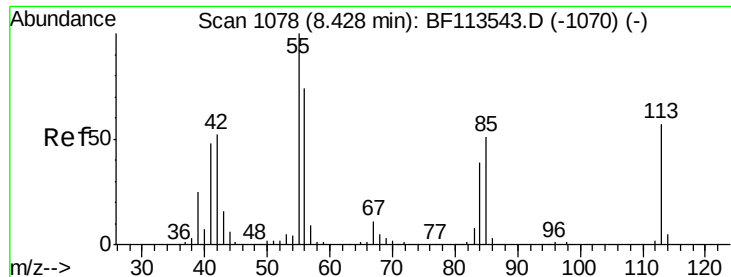
Tot Ion:	127	Resp:	92367
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	30.1	24.2	36.4
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 8.513 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:	225	Resp:	42949
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.4	77.2
227	65.2	51.1	76.7

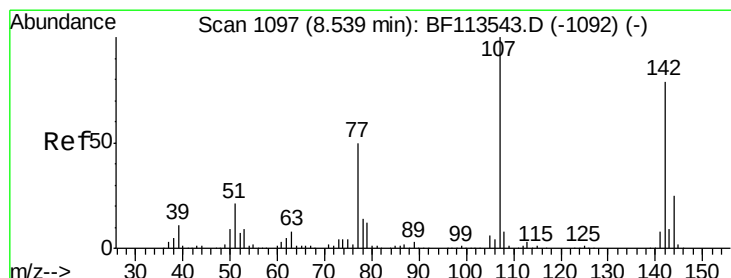
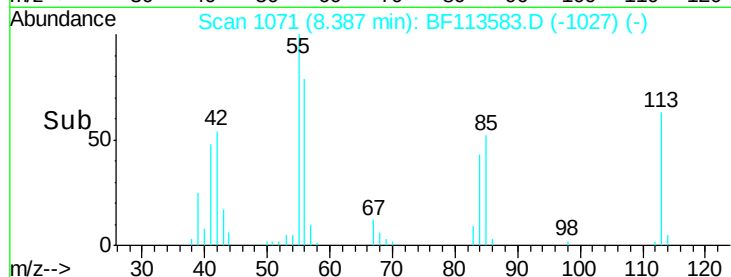
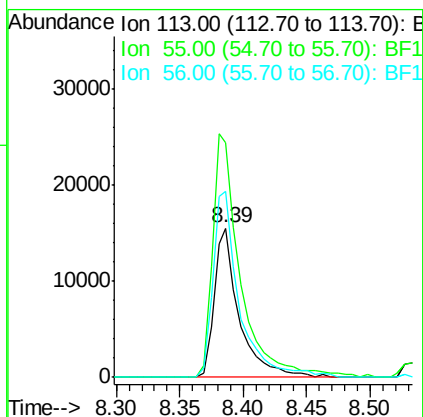
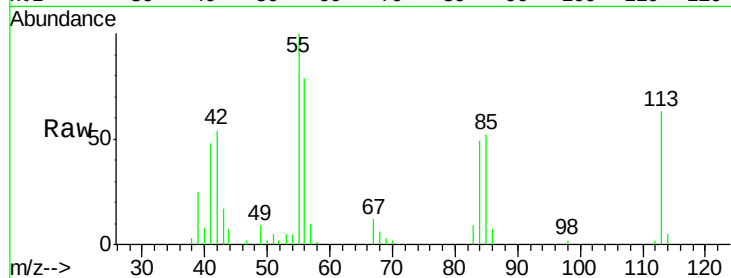




#35
 Caprolactam
 Concen: 8.846 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.04 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

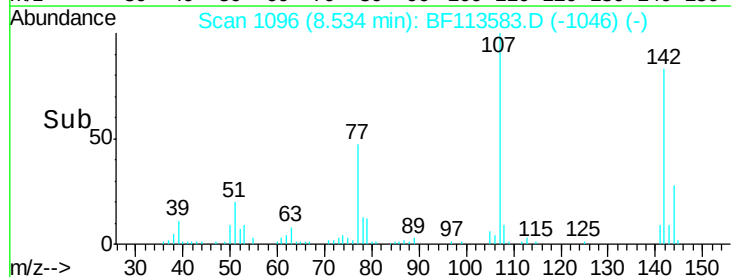
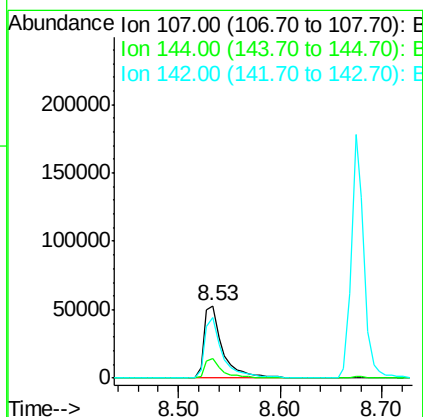
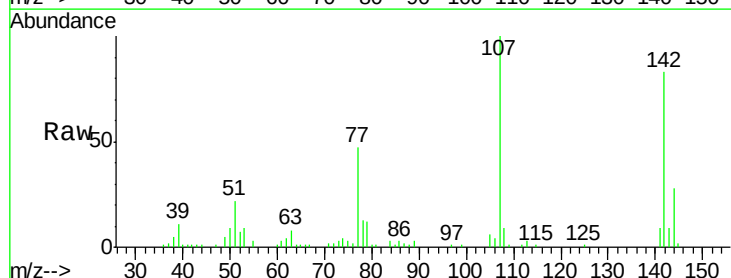
Instrument :
 BNA_F
 ClientSampleId :

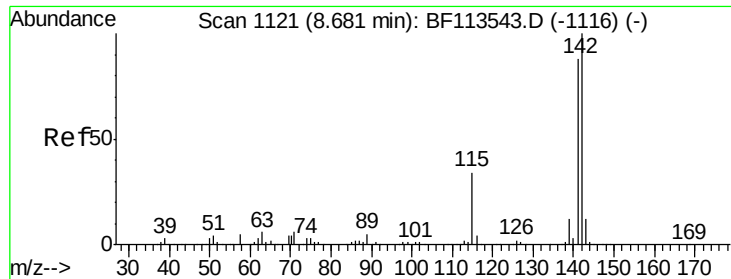
Tot Ion:113 Resp: 21398
 Ion Ratio Lower Upper
 113 100
 55 157.6 152.7 192.7
 56 125.3 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 8.803 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:107 Resp: 67339
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.4 32.0
 142 83.4 65.6 98.4

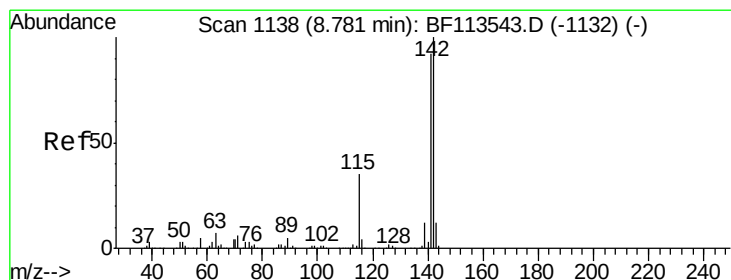
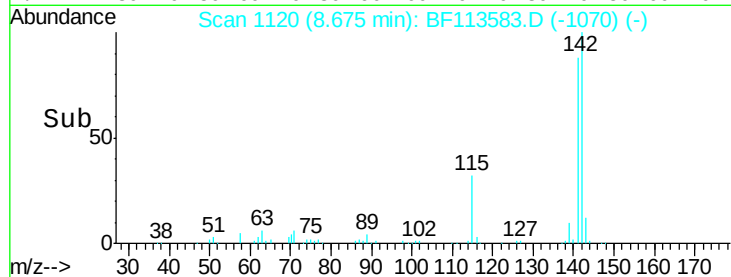
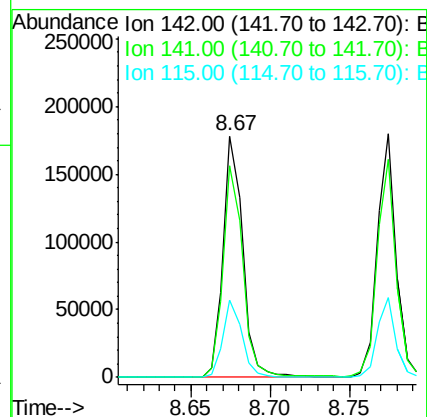
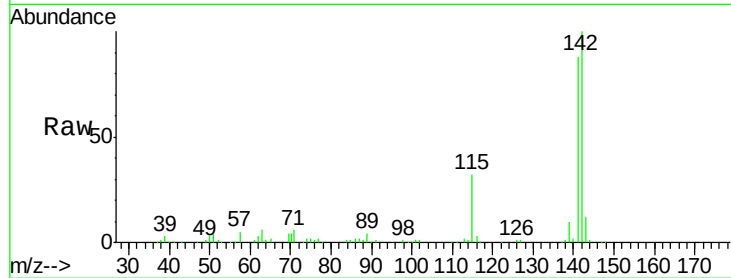




#37
2-Methylnaphthalene
Concen: 9.193 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

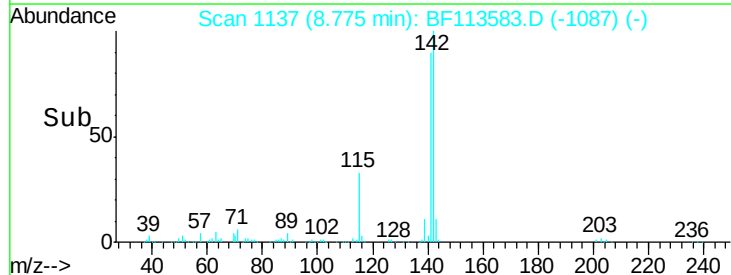
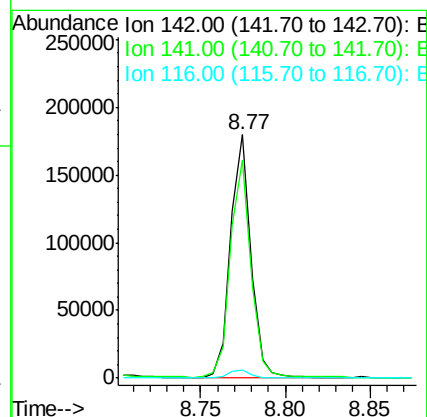
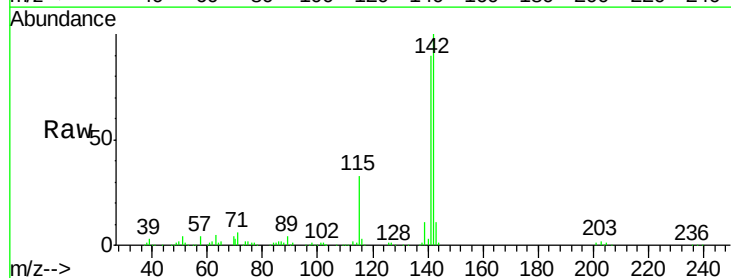
Instrument :
BNA_F
ClientSampleId :

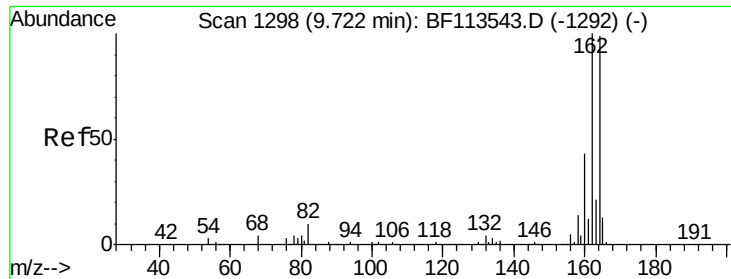
Tot Ion:142 Resp: 154248
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6
115 32.1 26.6 39.8



#38
1-Methylnaphthalene
Concen: 9.297 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:142 Resp: 150410
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8
116 3.4 3.0 4.4

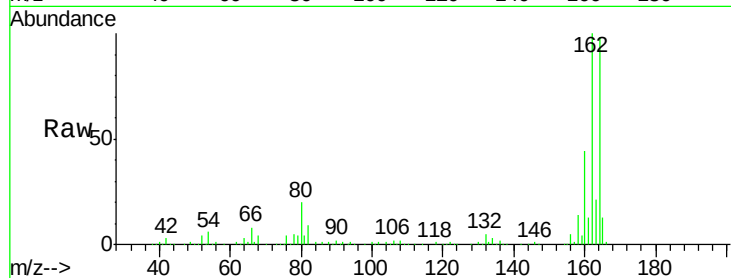




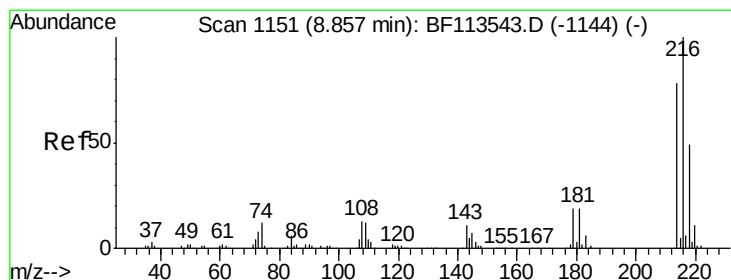
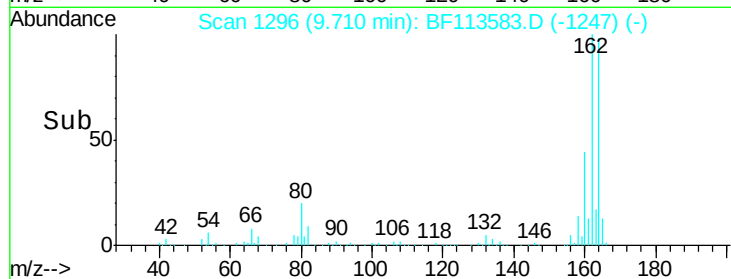
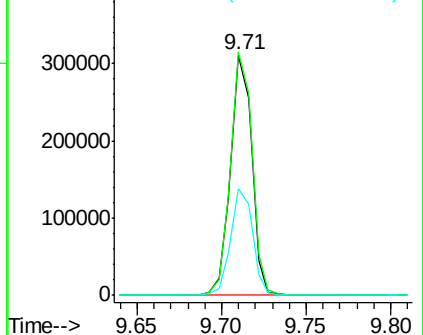
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	44.7	36.4	54.6



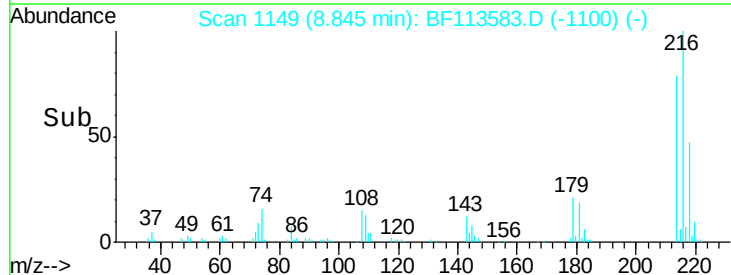
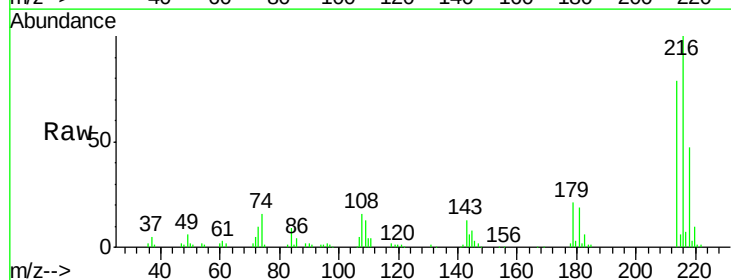
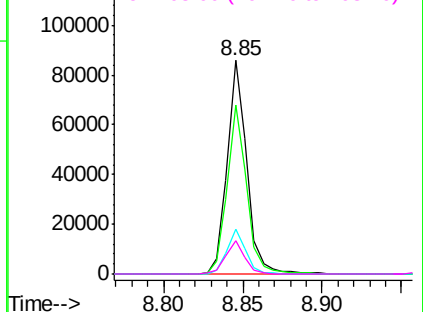
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

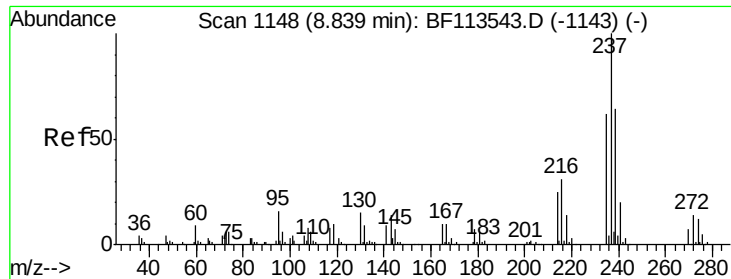


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.381 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.6
179	20.0	16.8	25.2
108	15.1	13.8	20.6

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 14.338 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

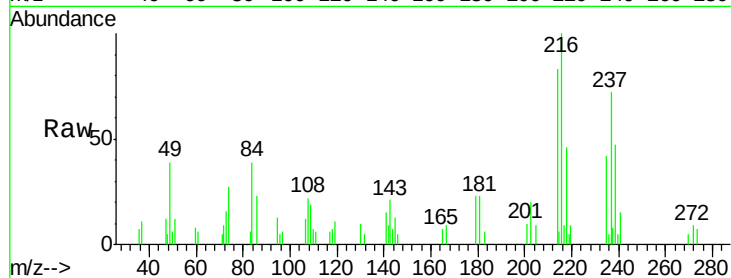
Tot Ion:237 Resp: 3615

Ion Ratio Lower Upper

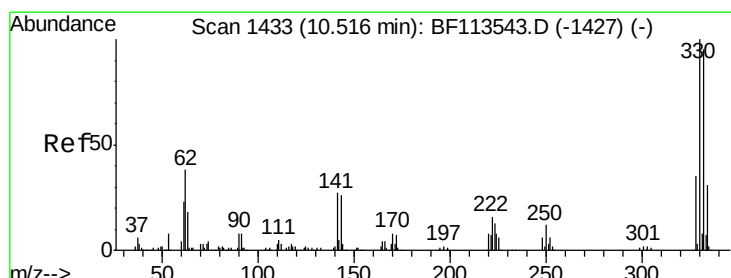
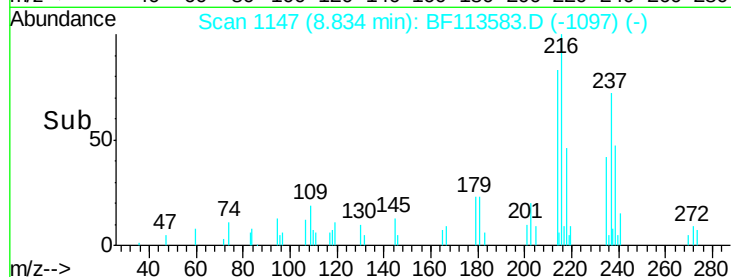
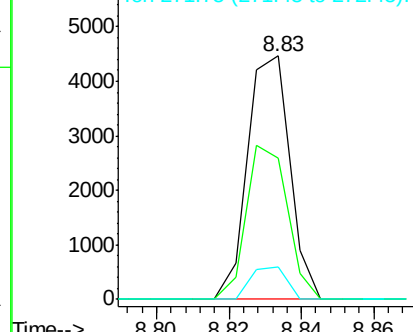
237 100

235 58.0 43.4 83.4

272 13.2 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 135.902 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

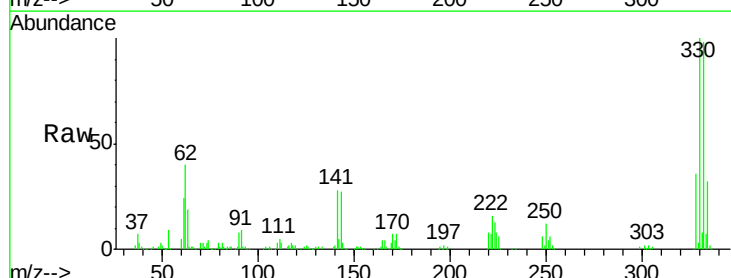
Tgt Ion:330 Resp: 441687

Ion Ratio Lower Upper

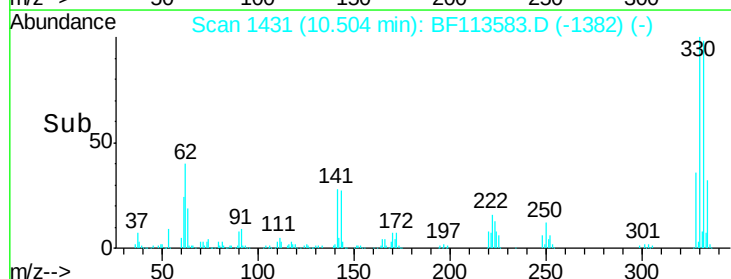
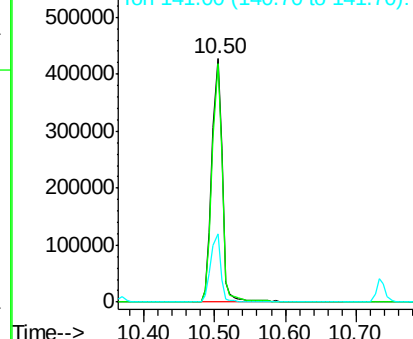
330 100

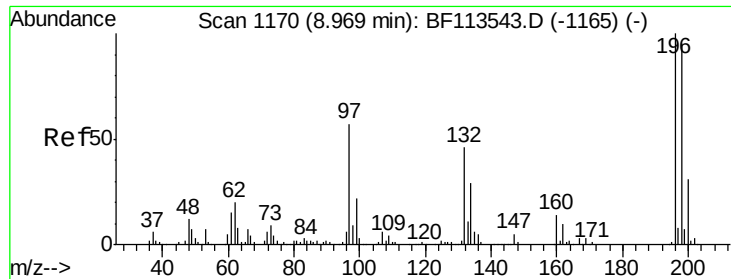
332 96.0 77.8 116.6

141 27.4 22.7 34.1



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

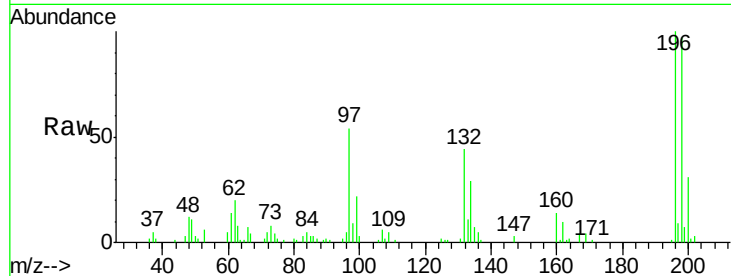




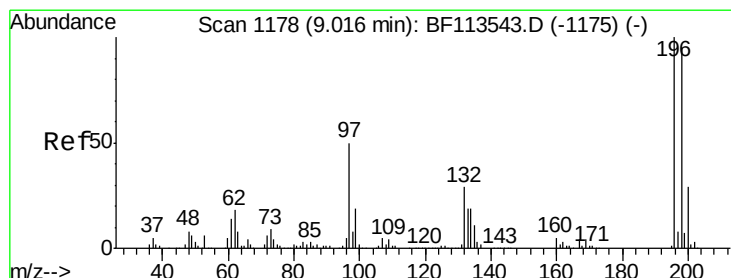
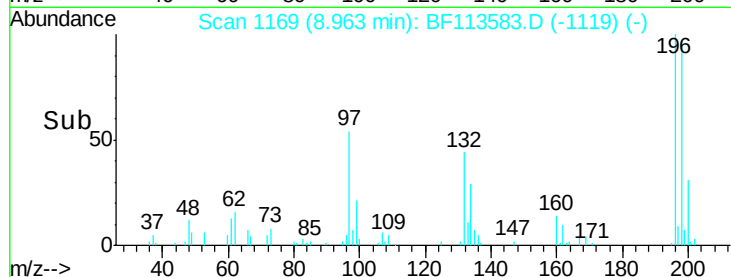
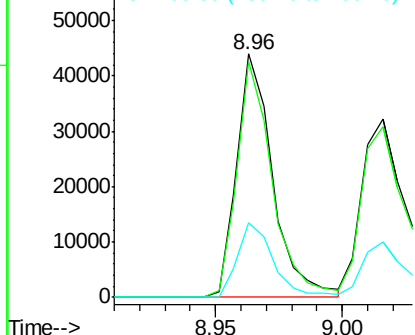
#43
 2,4,6-Trichlorophenol
 Concen: 7.881 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 43531
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.7 116.5
 200 30.8 24.9 37.3



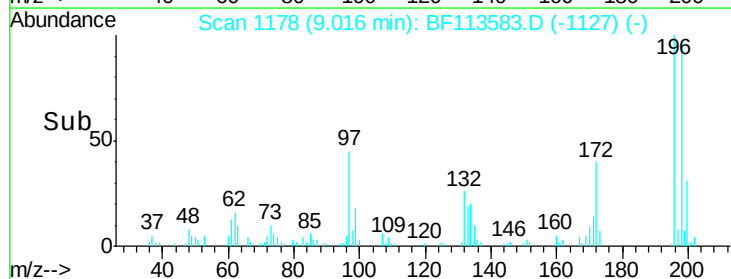
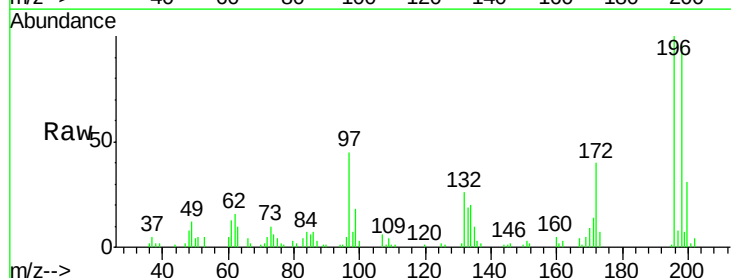
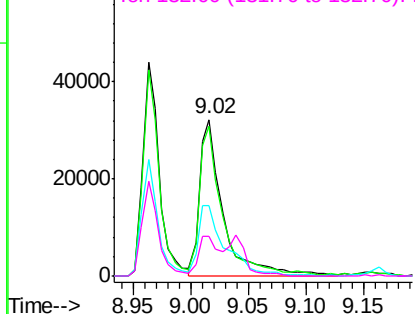
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

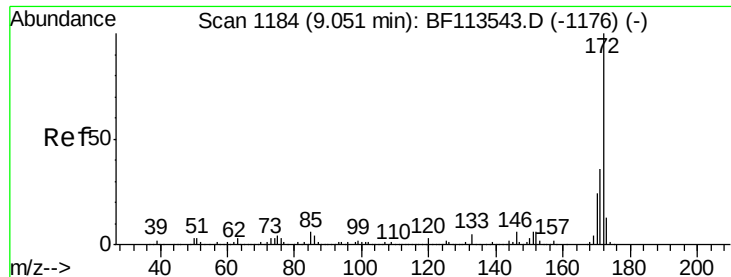


#44
 2,4,5-Trichlorophenol
 Concen: 7.865 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:196 Resp: 46640
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.4 113.2
 97 45.1 38.6 58.0
 132 25.7 22.9 34.3

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

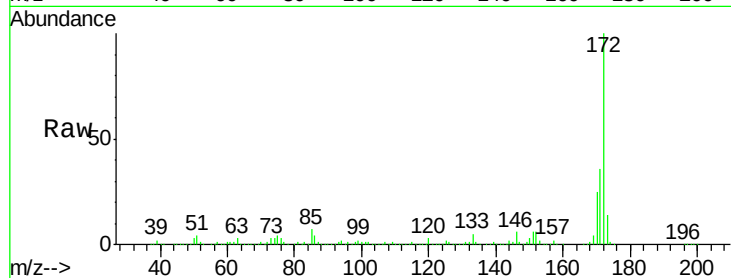




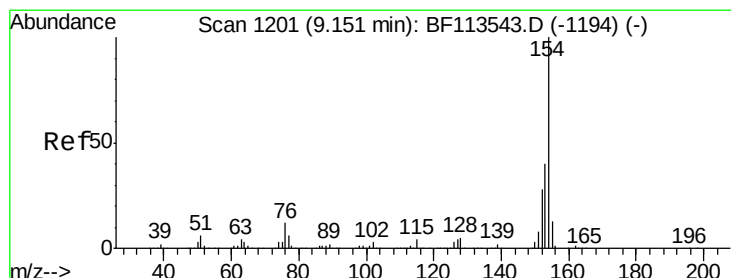
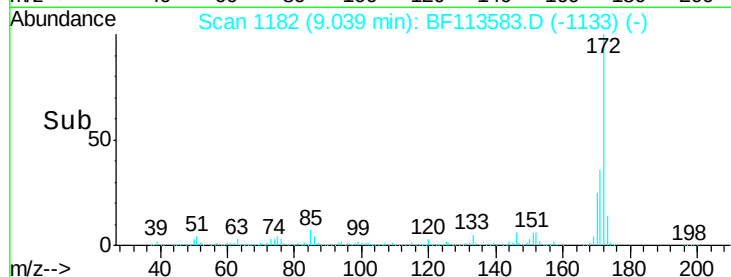
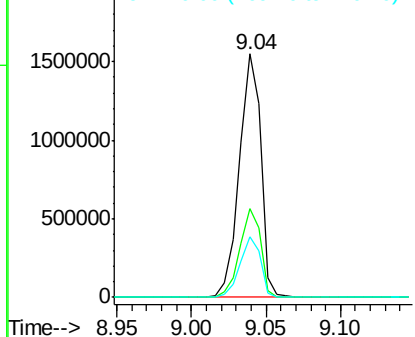
#45
2-Fluorobiphenyl
Concen: 92.453 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1553758
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.8 19.5 29.3

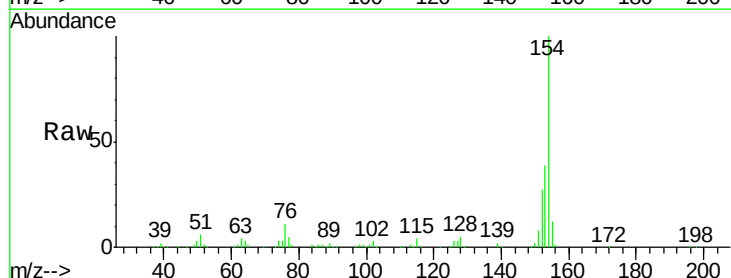


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

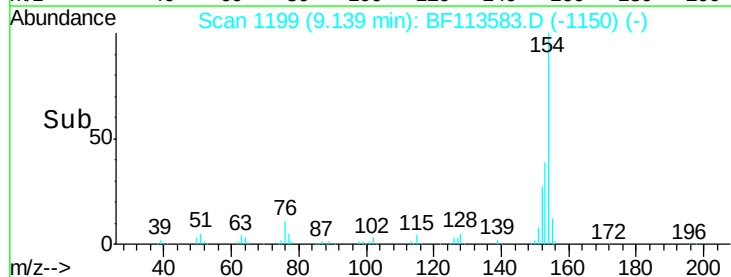
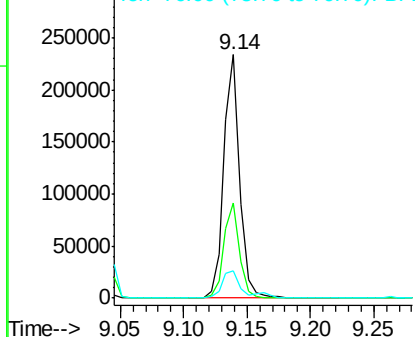


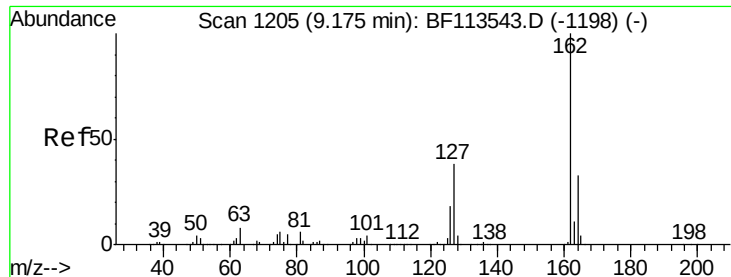
#46
1,1'-Biphenyl
Concen: 9.106 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:154 Resp: 203309
Ion Ratio Lower Upper
154 100
153 39.2 20.8 60.8
76 11.1 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

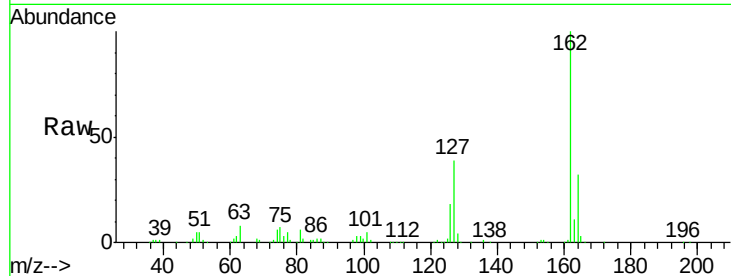




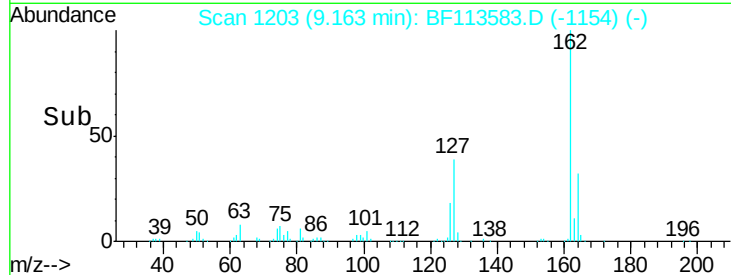
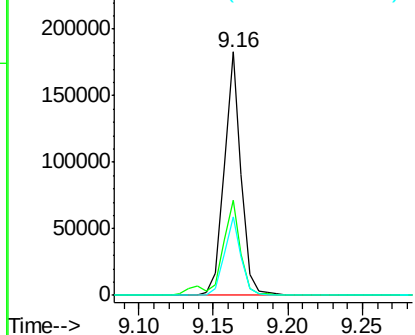
#47
 2-Chloronaphthalene
 Concen: 8.628 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 145840
 Ion Ratio Lower Upper
 162 100
 127 38.9 32.6 49.0
 164 32.4 26.6 39.8

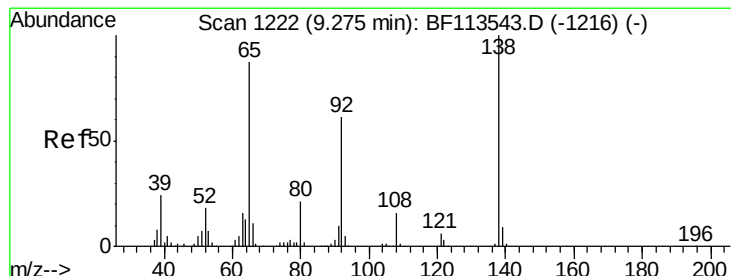


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

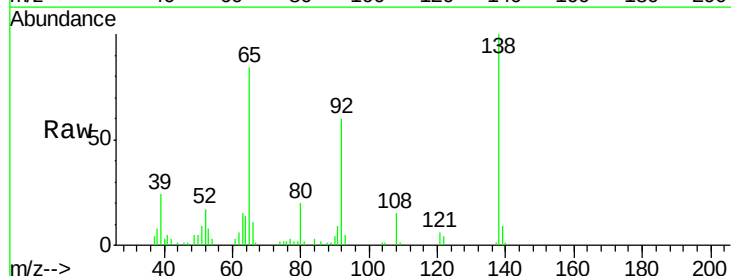
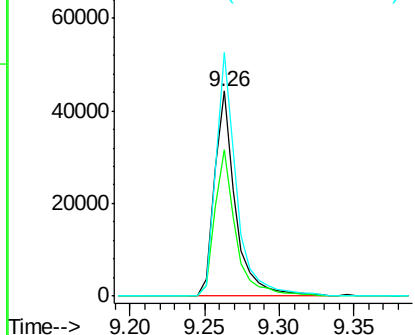


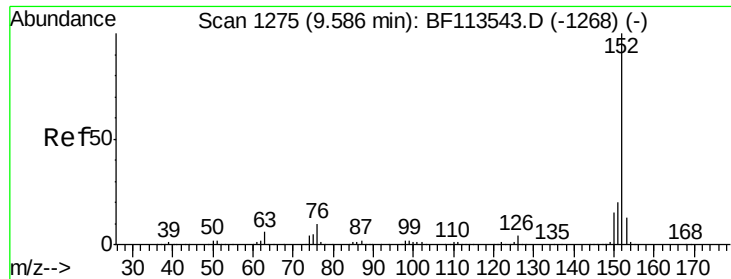
#48
 2-Nitroaniline
 Concen: 8.319 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion: 65 Resp: 43029
 Ion Ratio Lower Upper
 65 100
 92 71.3 56.8 85.2
 138 118.8 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): E





#49

Acenaphthylene

Concen: 9.314 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

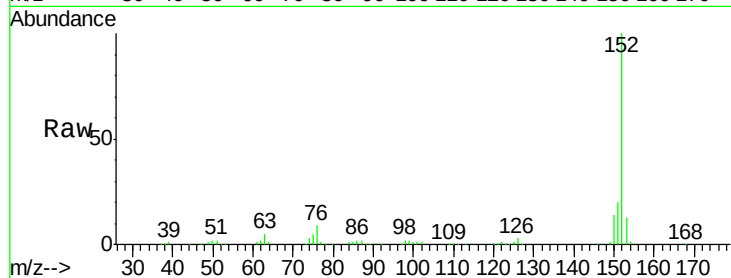
Tot Ion:152 Resp: 256031

Ion Ratio Lower Upper

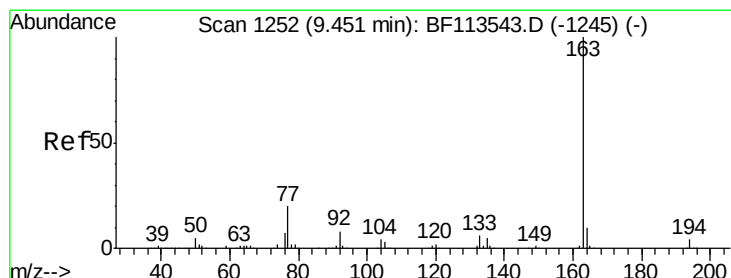
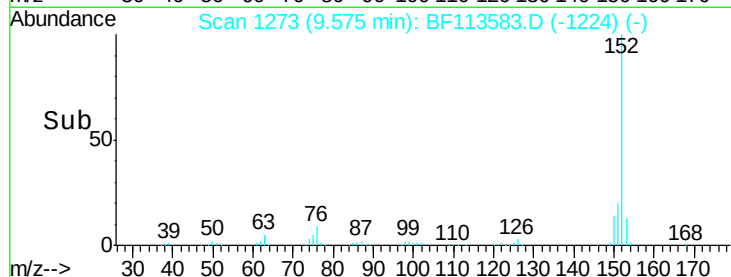
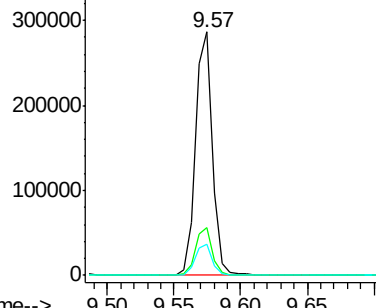
152 100

151 19.7 16.2 24.4

153 12.6 11.0 16.6



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



#50

Dimethylphthalate

Concen: 8.912 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

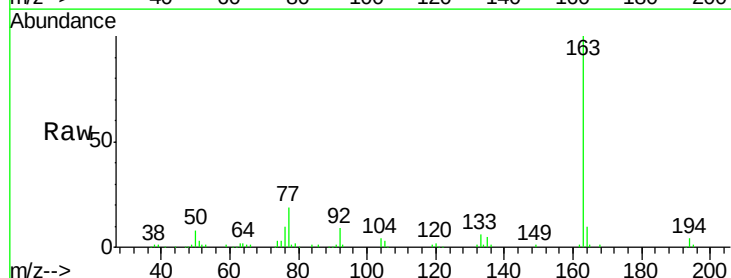
Tgt Ion:163 Resp: 177744

Ion Ratio Lower Upper

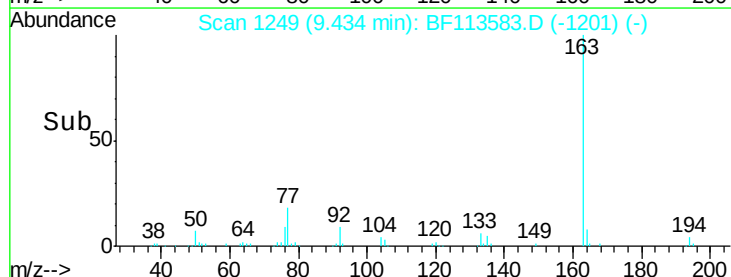
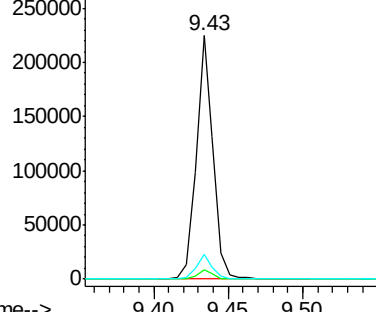
163 100

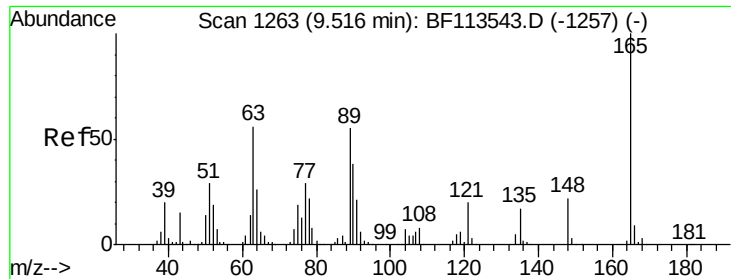
194 3.7 3.0 4.6

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: 8.681 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

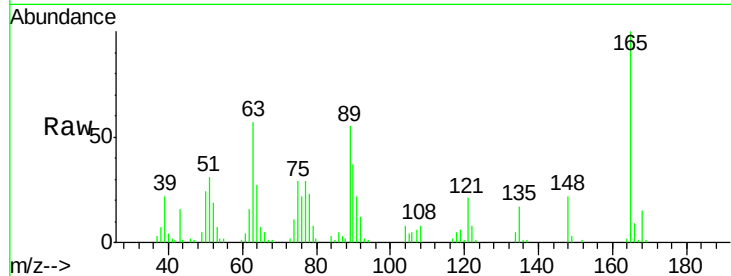
Tot Ion:165 Resp: 38163

Ion Ratio Lower Upper

165 100

63 56.7 43.4 65.0

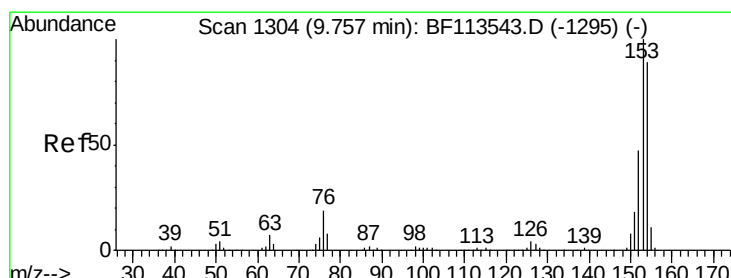
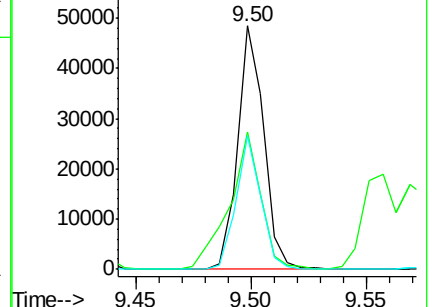
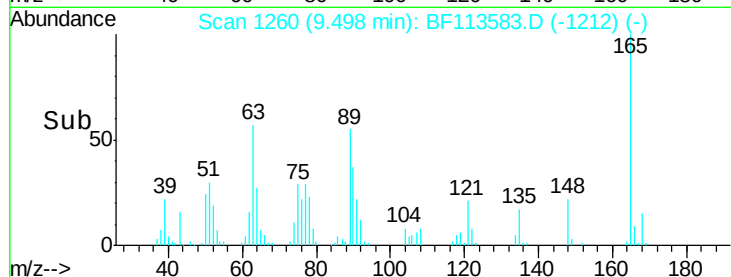
89 55.1 43.1 64.7



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: 9.128 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

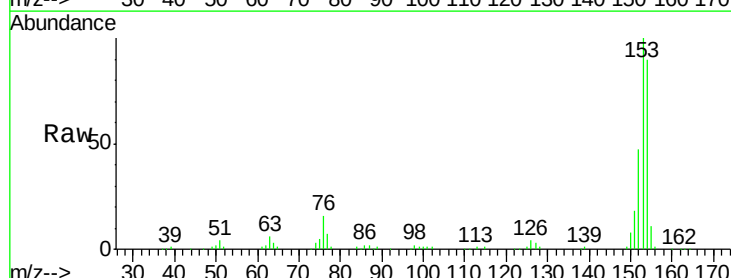
Tgt Ion:154 Resp: 143630

Ion Ratio Lower Upper

154 100

153 111.6 89.5 134.3

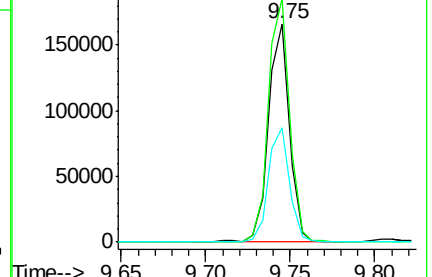
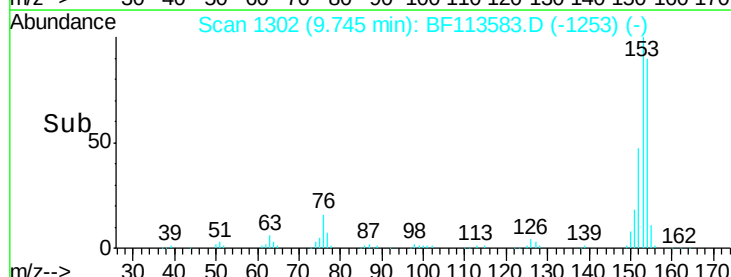
152 52.6 43.3 64.9

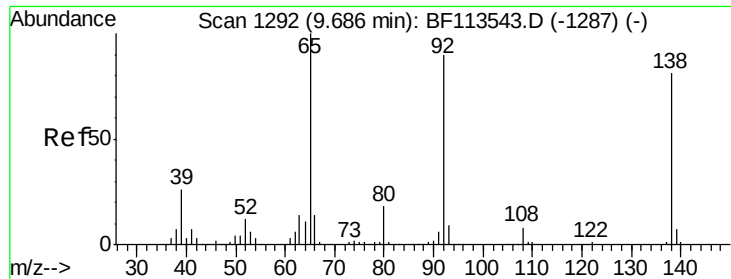


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

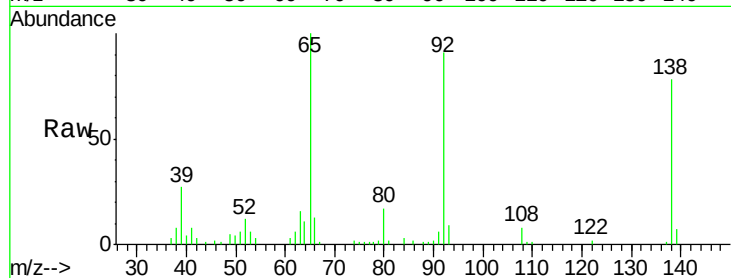




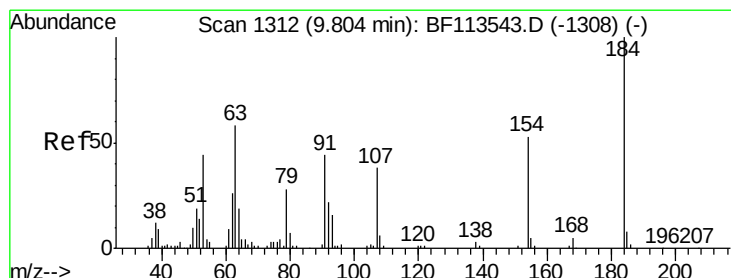
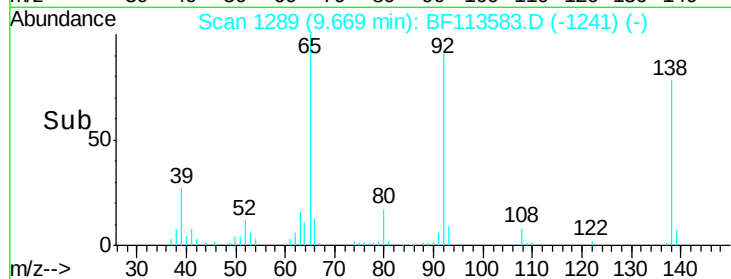
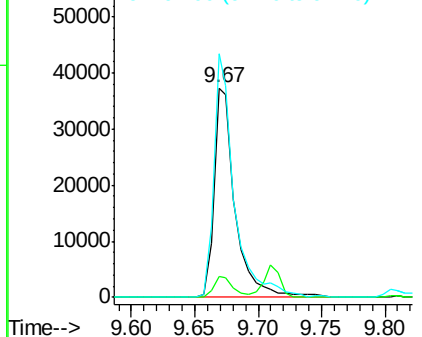
#53
 3-Nitroaniline
 Concen: 8.768 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 43823
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.8 11.6
 92 116.2 82.6 124.0

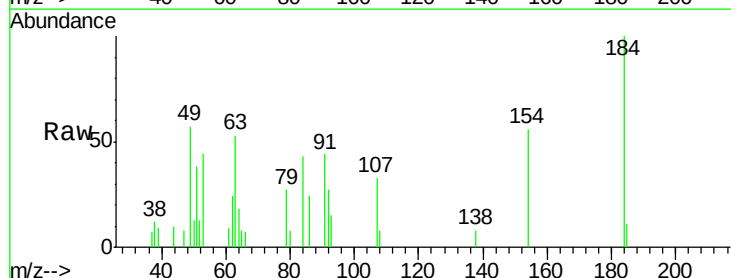


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

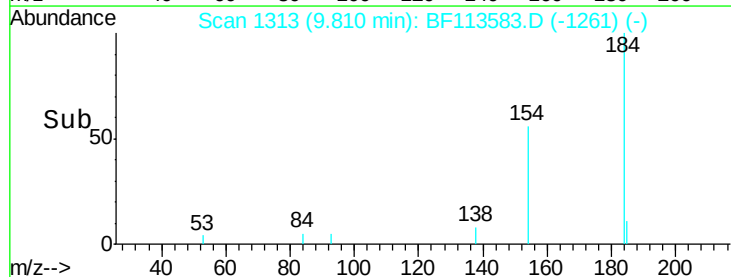
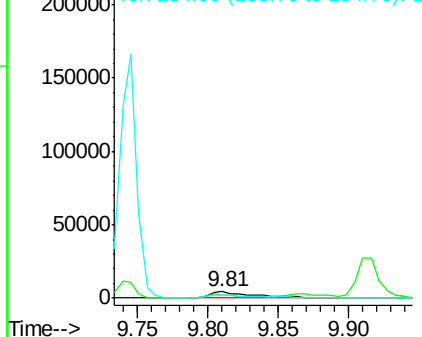


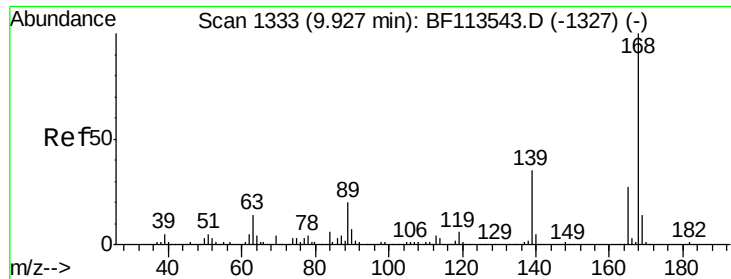
#54
 2,4-Dinitrophenol
 Concen: 4.798 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:184 Resp: 9868
 Ion Ratio Lower Upper
 184 100
 63 52.8 54.3 81.5#
 154 56.2 48.4 72.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

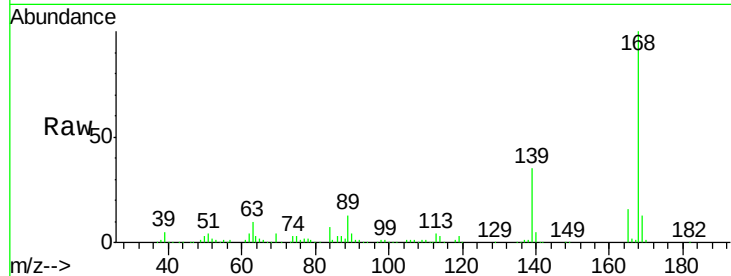




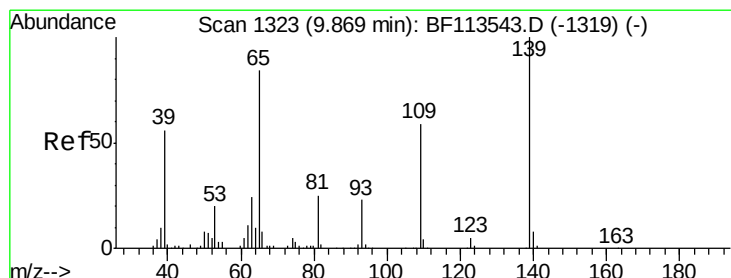
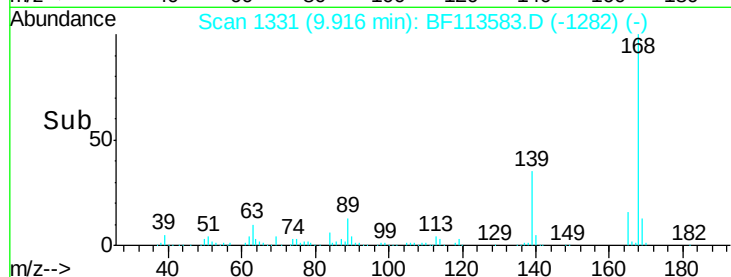
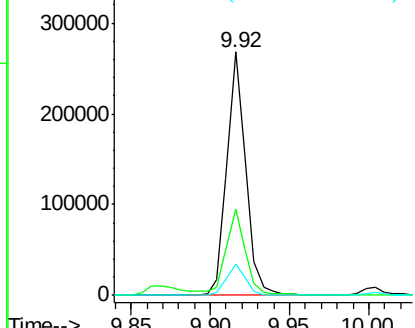
#55
Dibenzenofuran
Concen: 9.646 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 222636
Ion Ratio Lower Upper
168 100
139 35.3 29.7 44.5
169 12.8 10.7 16.1

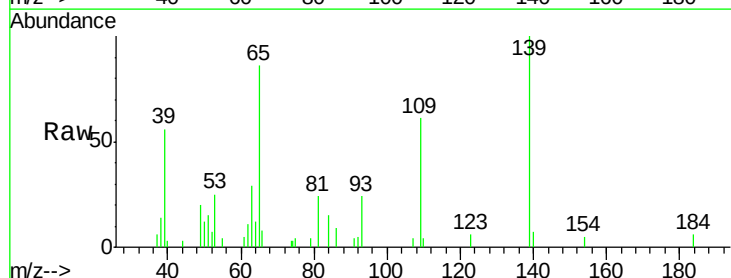


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

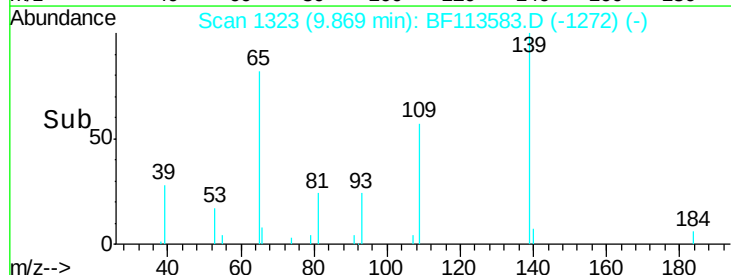
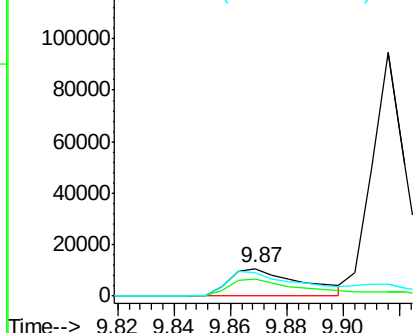


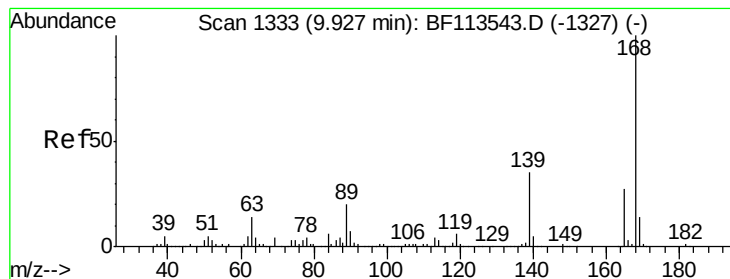
#56
4-Nitrophenol
Concen: 6.020 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:139 Resp: 18665
Ion Ratio Lower Upper
139 100
109 61.2 46.9 86.9
65 86.2 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: 9.417 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 50069

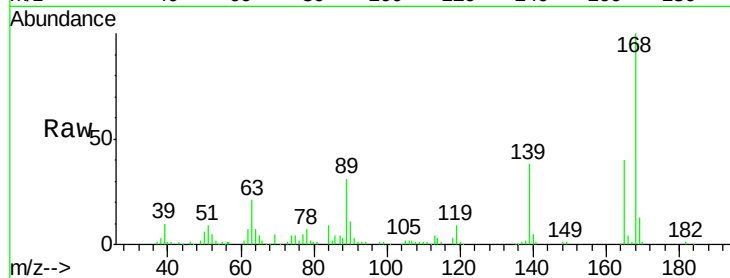
Ion Ratio Lower Upper

165 100

63 53.5 37.5 56.3

89 77.2 57.4 86.2

182 2.3 2.0 3.0

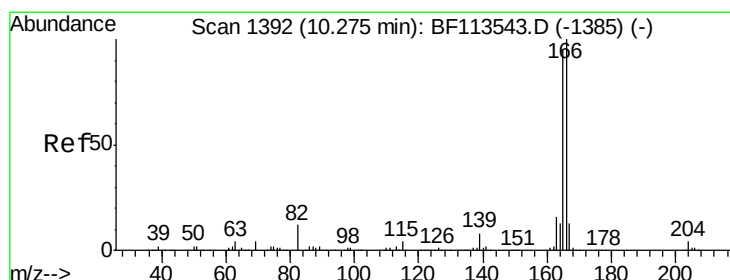
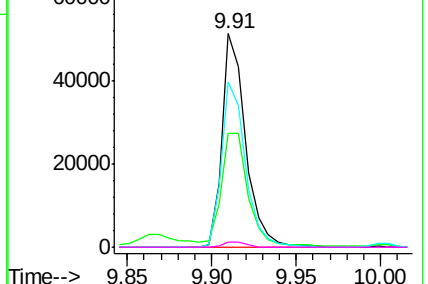
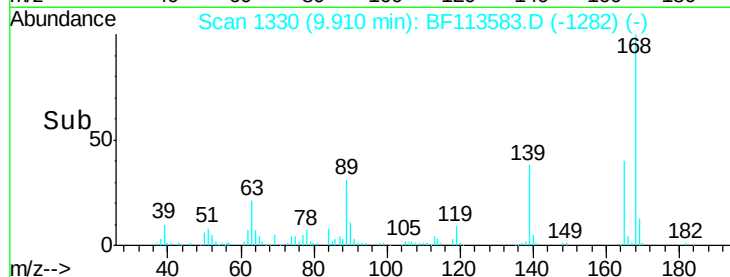


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 9.758 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

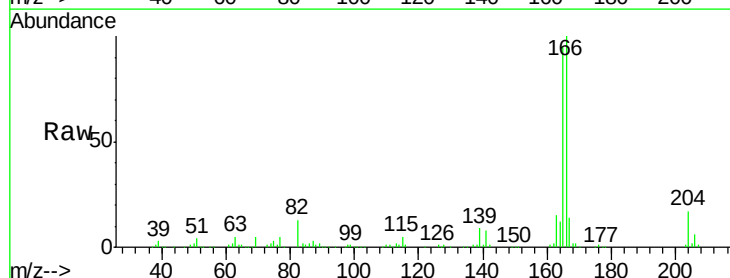
Tgt Ion:166 Resp: 178145

Ion Ratio Lower Upper

166 100

165 95.3 76.2 114.2

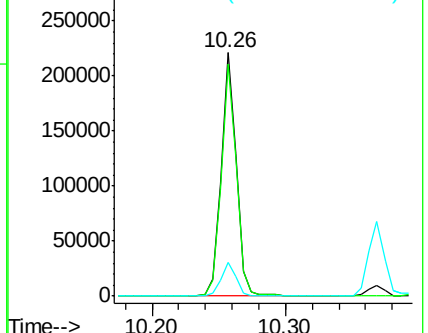
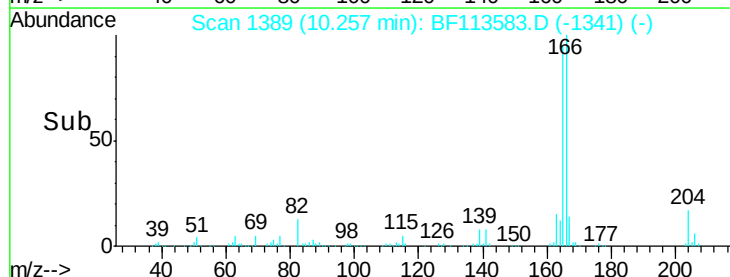
167 13.6 10.7 16.1

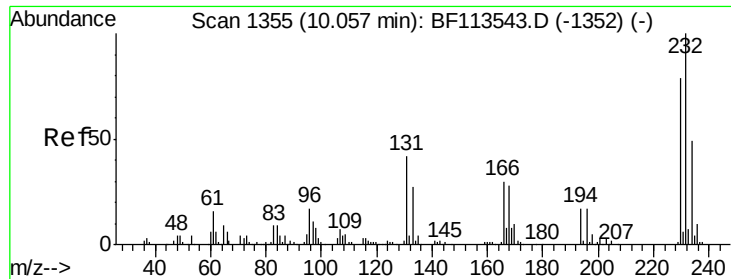


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

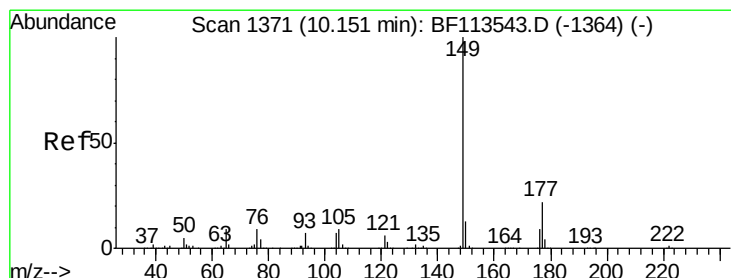
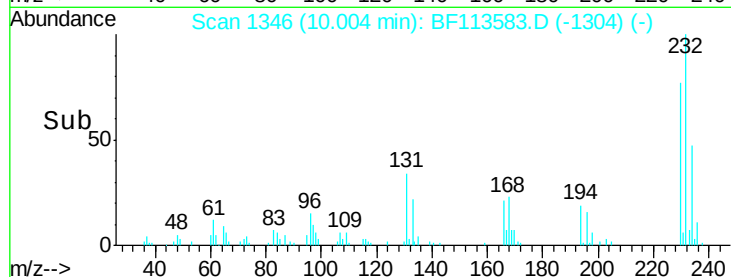
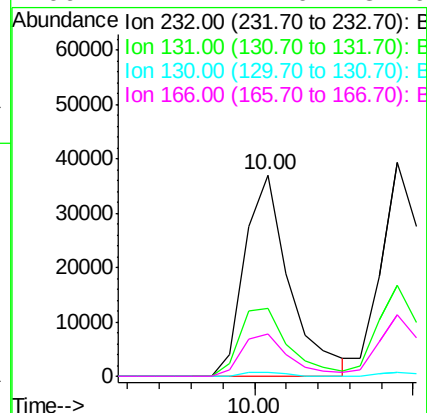
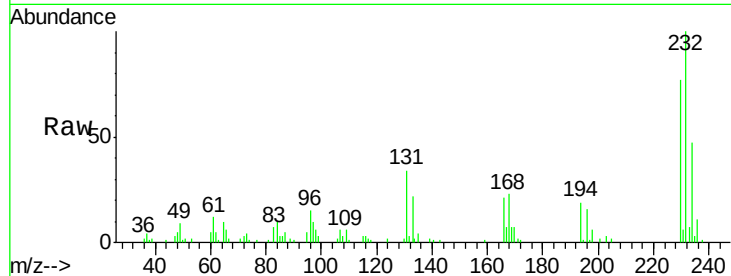




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.075 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.05 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

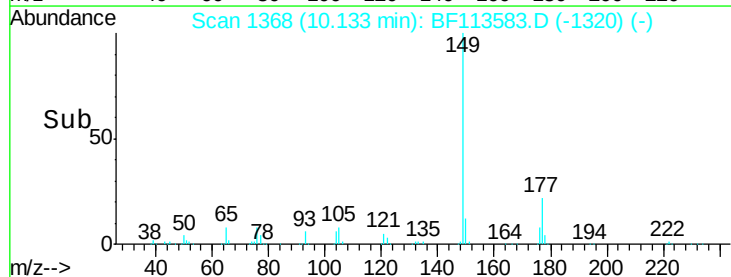
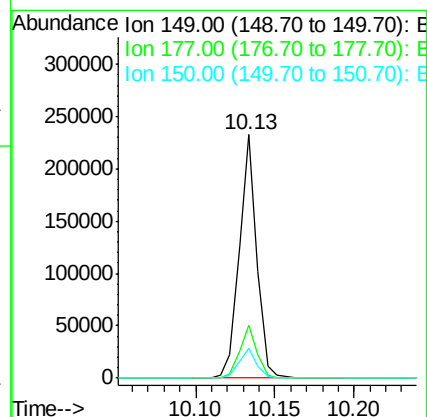
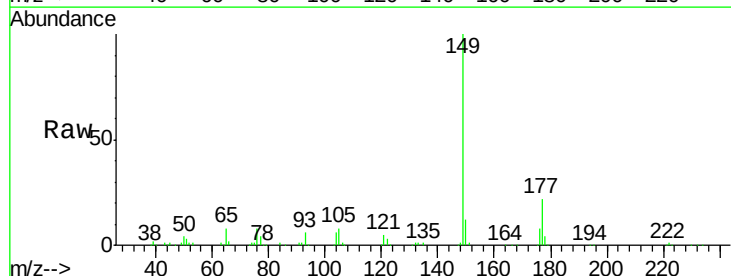
Instrument :
 BNA_F
 ClientSampled :

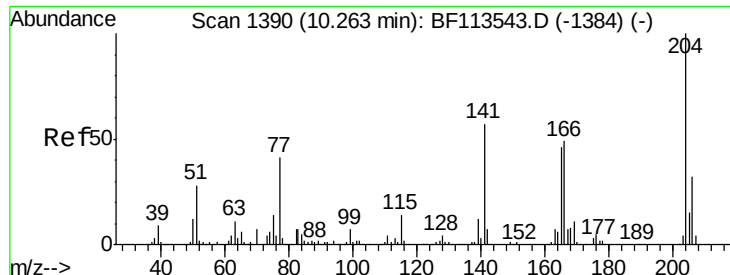
Tot Ion:232 Resp: 36314
 Ion Ratio Lower Upper
 232 100
 131 37.2 33.2 49.8
 130 1.8 1.6 2.4
 166 22.7 21.0 31.6



#60
 Diethylphthalate
 Concen: 9.267 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:149 Resp: 178182
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.4 26.0
 150 12.1 10.0 15.0

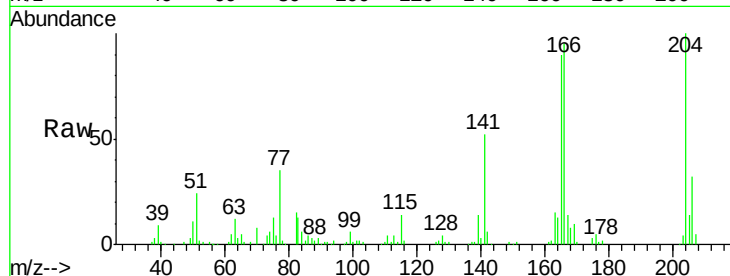




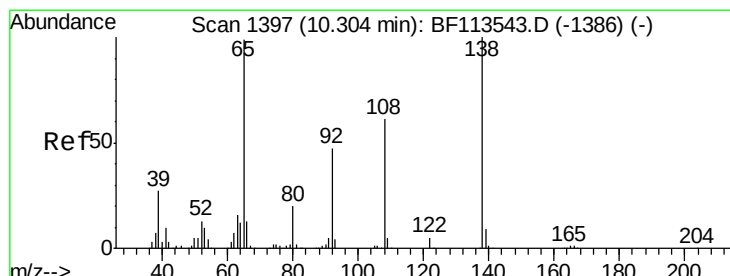
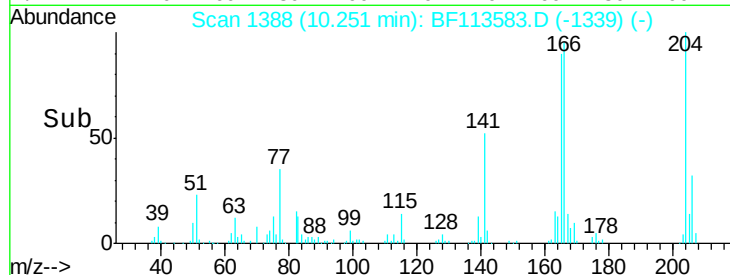
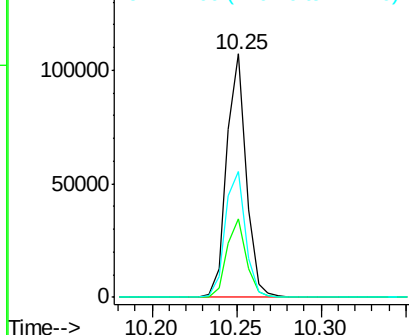
#61
 4-Chlorophenyl-phenylether
 Concen: 9.549 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.9	40.3
141	51.9	48.8	73.2

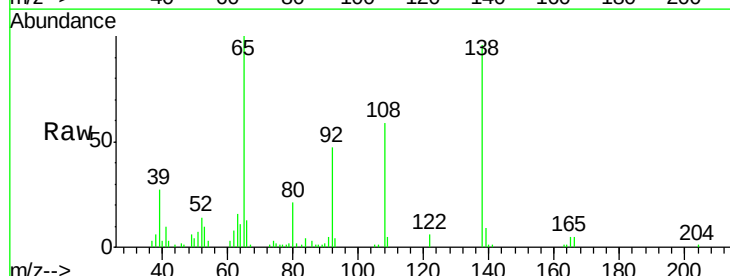


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

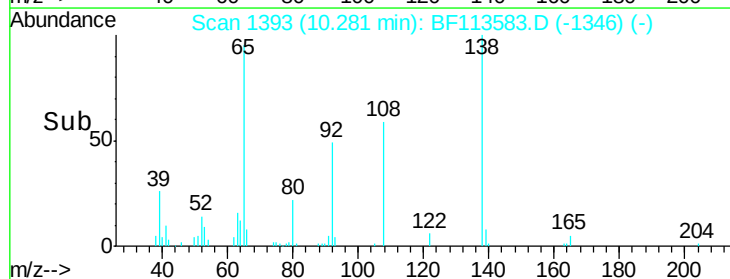
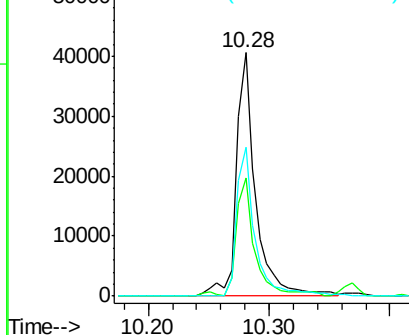


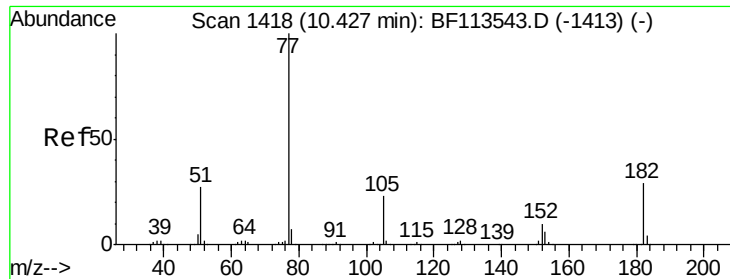
#62
 4-Nitroaniline
 Concen: 8.952 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	25.8	65.8
108	61.2	44.0	84.0



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





#63

Azobenzene

Concen: 9.154 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 166654

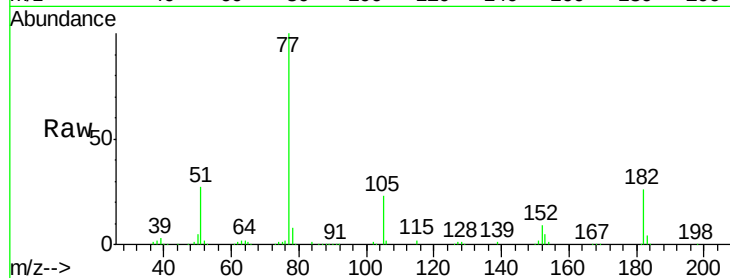
Ion Ratio Lower Upper

77 100

182 26.2 8.7 48.7

105 23.0 2.9 42.9

51 27.3 8.8 48.8

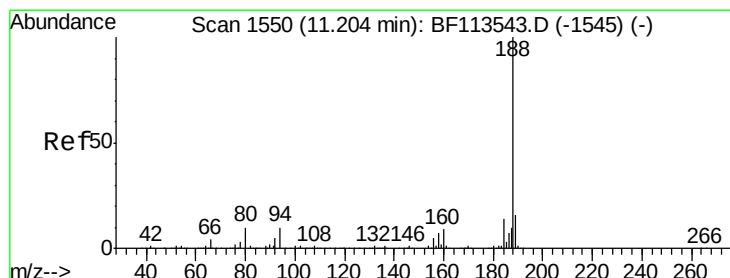
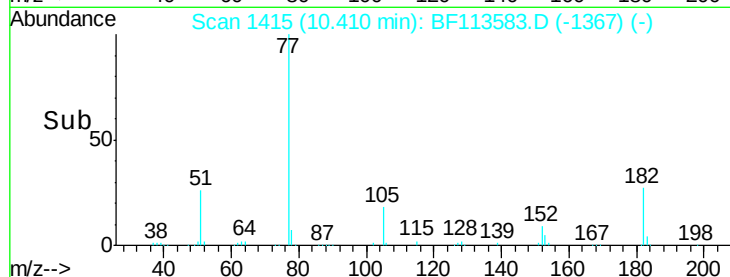
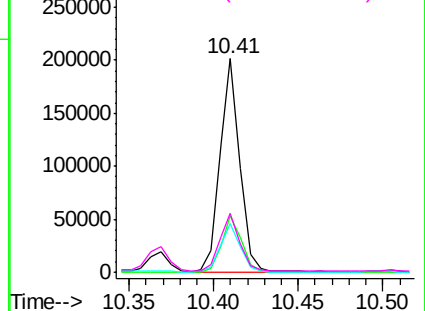


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

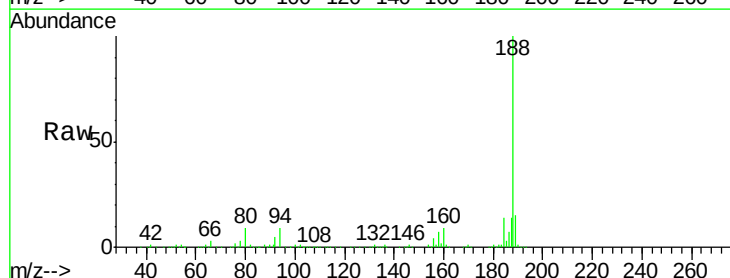
Tgt Ion: 188 Resp: 571269

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

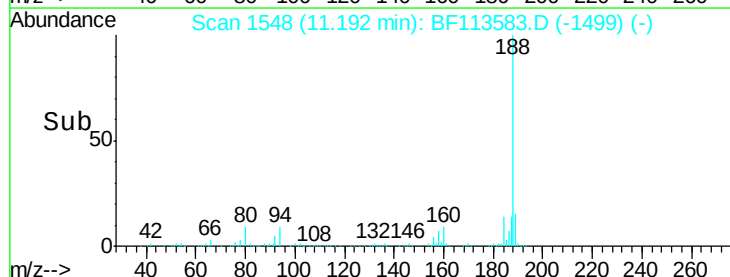
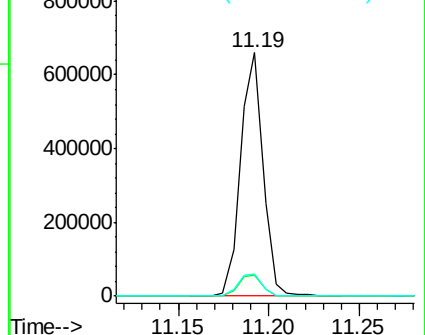
80 9.1 7.7 11.5

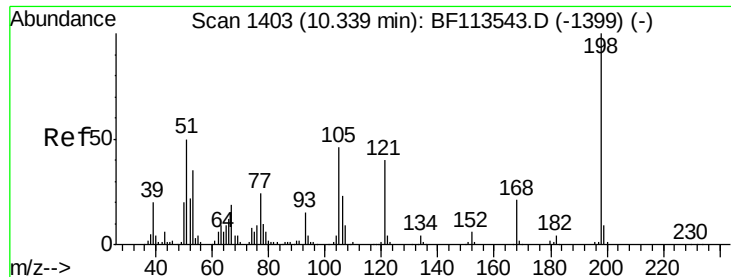


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

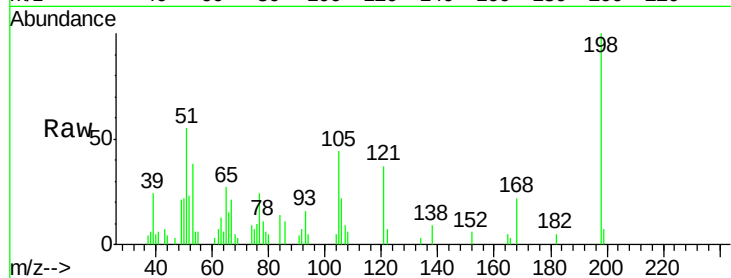




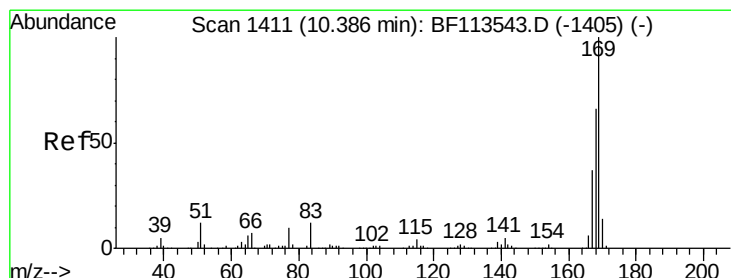
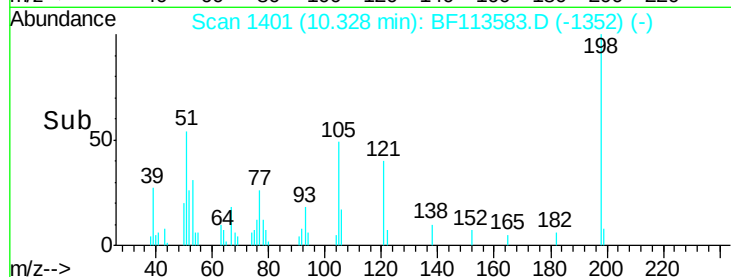
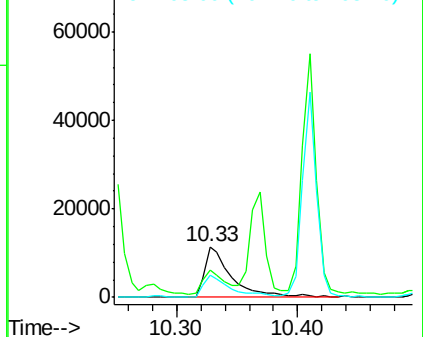
#65
4,6-Dinitro-2-methylphenol
Concen: 5.801 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 17445
Ion Ratio Lower Upper
198 100
51 54.8 21.6 61.6
105 44.5 20.6 60.6

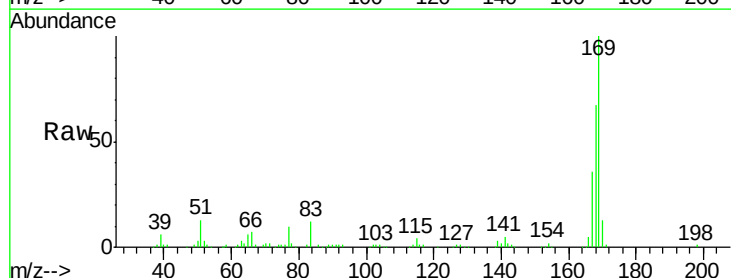


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

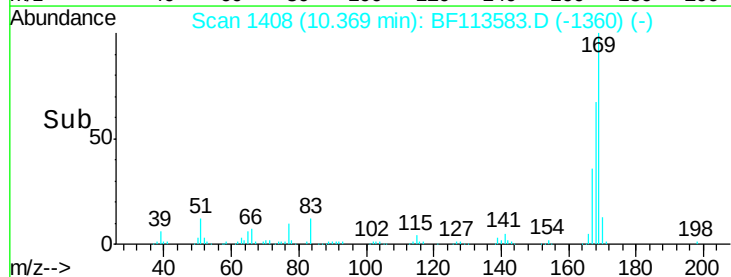
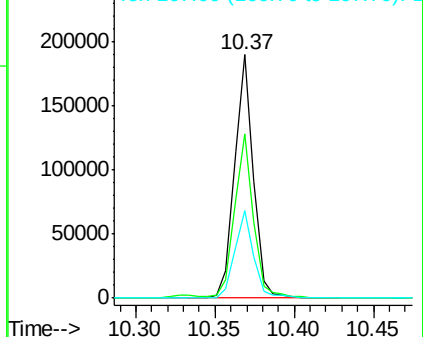


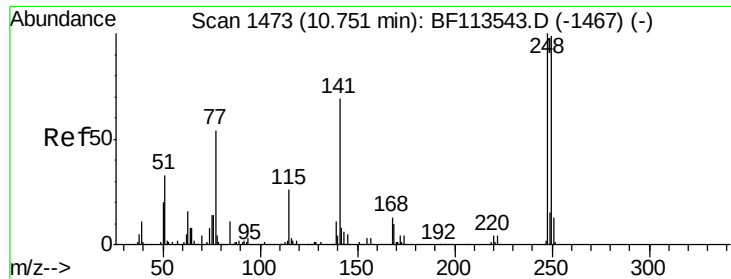
#66
n-Nitrosodiphenylamine
Concen: 8.873 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:169 Resp: 155614
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 35.7 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

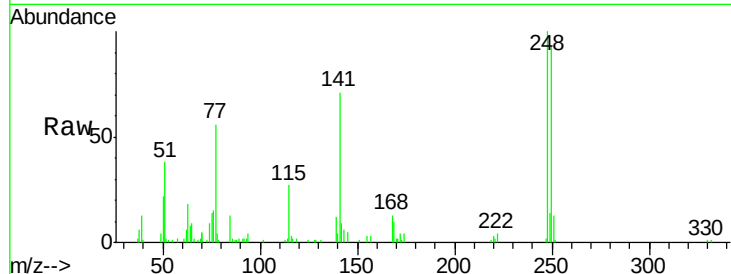




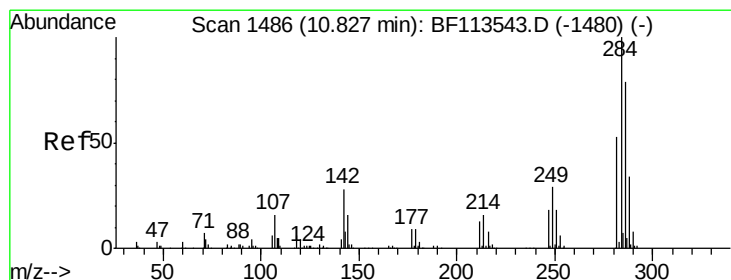
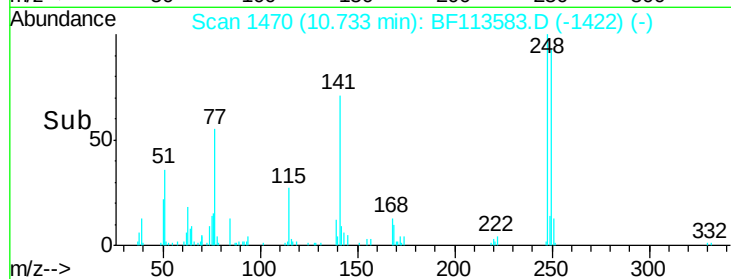
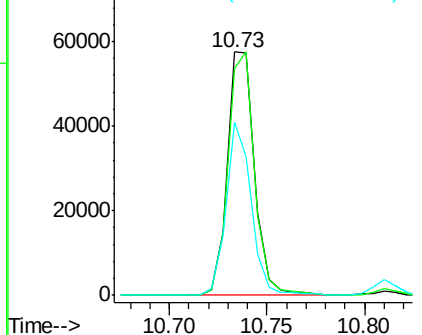
#67
4-Bromophenyl-phenylether
Concen: 8.635 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 55325
Ion Ratio Lower Upper
248 100
250 93.4 78.3 117.5
141 71.1 56.2 84.4

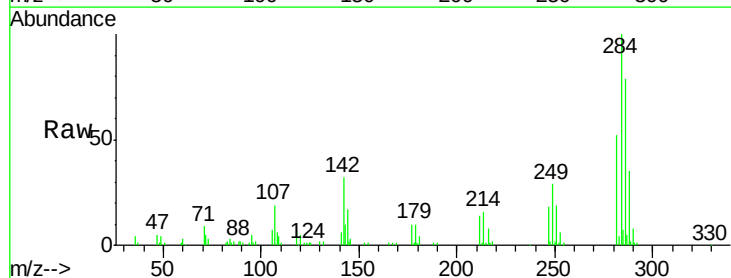


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

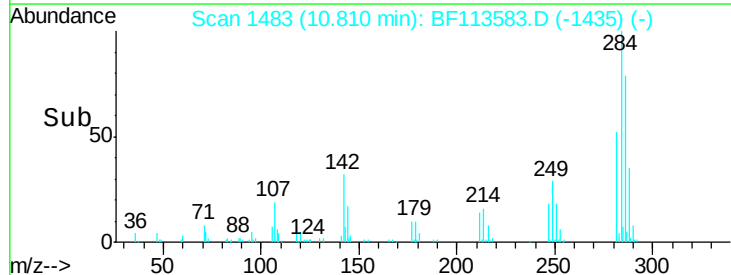
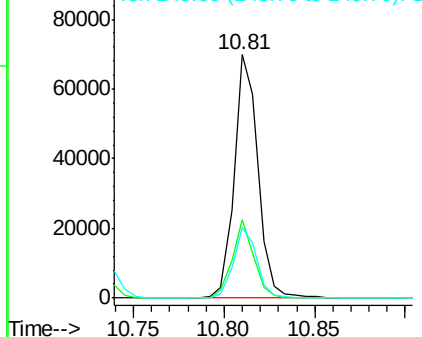


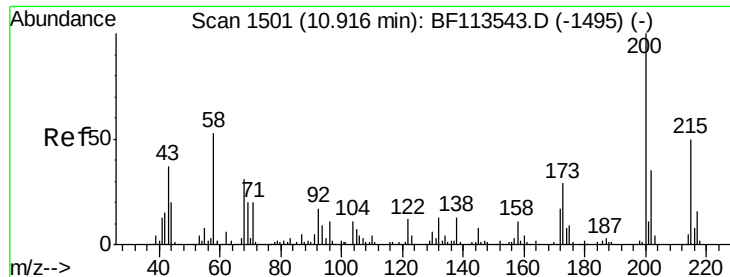
#68
Hexachlorobenzene
Concen: 8.617 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:284 Resp: 63261
Ion Ratio Lower Upper
284 100
142 32.2 20.1 30.1#
249 28.9 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: 9.102 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

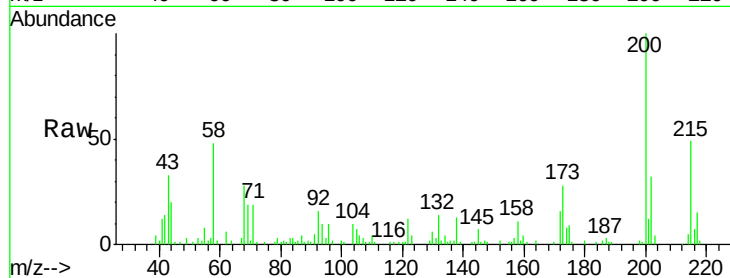
Tot Ion:200 Resp: 50314

Ion Ratio Lower Upper

200 100

173 27.8 6.0 46.0

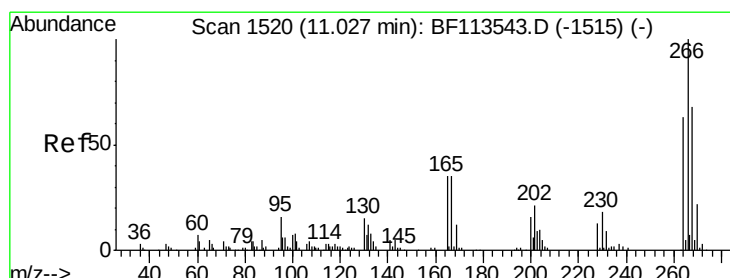
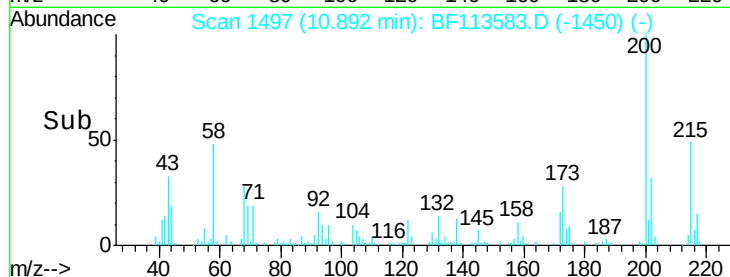
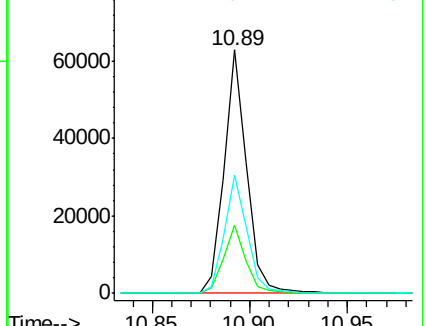
215 48.7 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 5.309 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

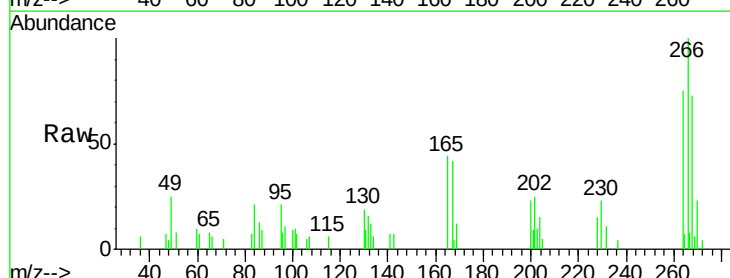
Tgt Ion:266 Resp: 18364

Ion Ratio Lower Upper

266 100

268 72.9 53.8 80.6

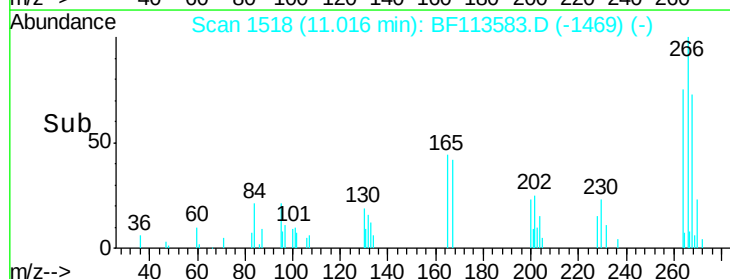
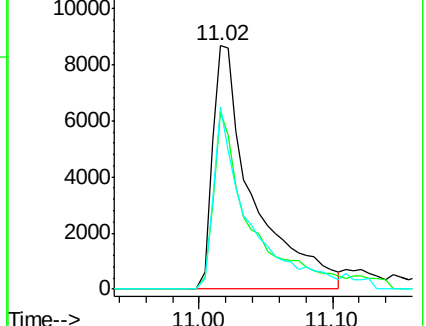
264 81.3 49.2 73.8#

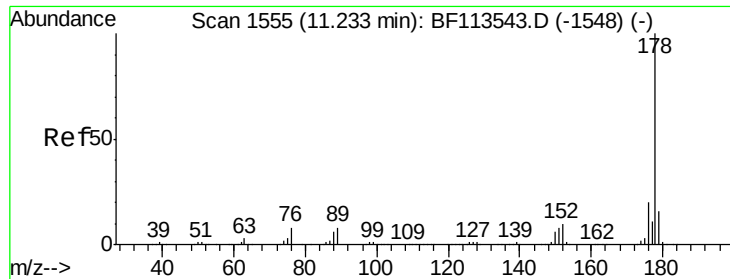


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

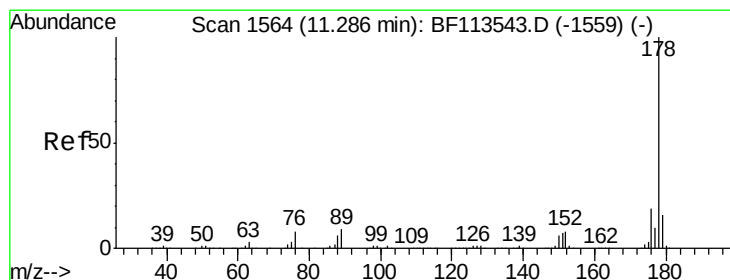
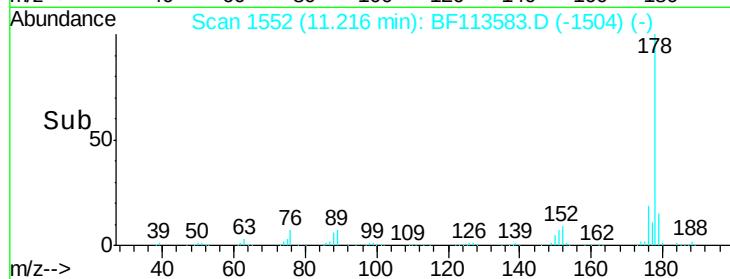
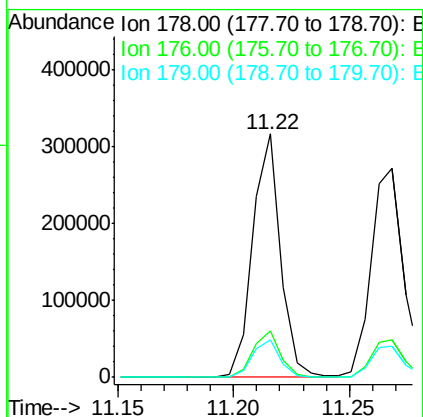
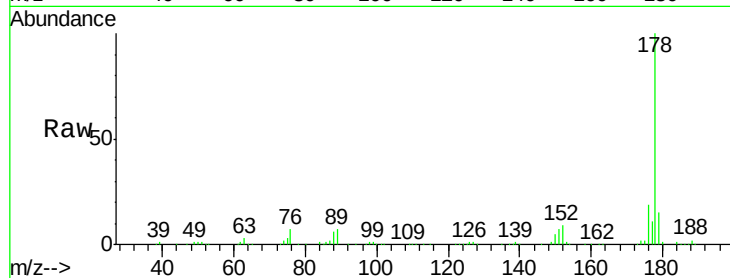




#71
 Phenanthrene
 Concen: 9.406 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

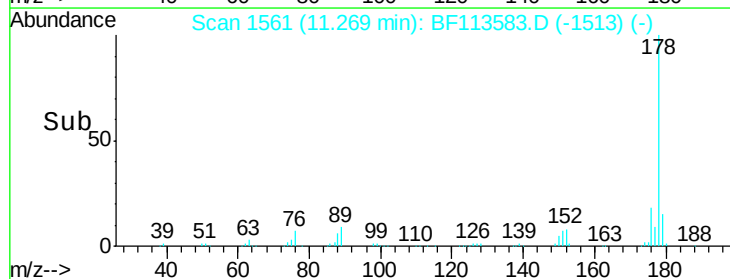
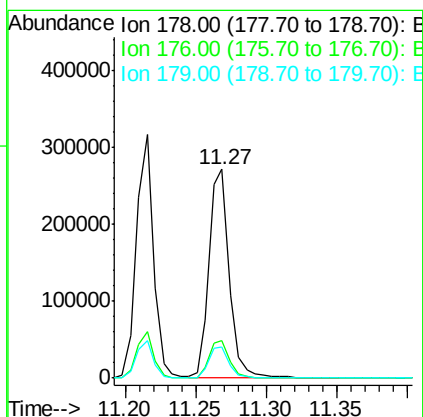
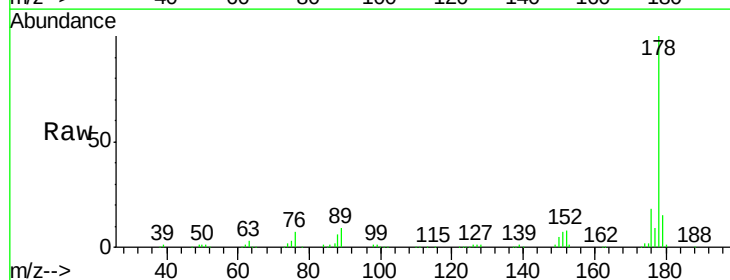
Instrument :
 BNA_F
 ClientSampleId :

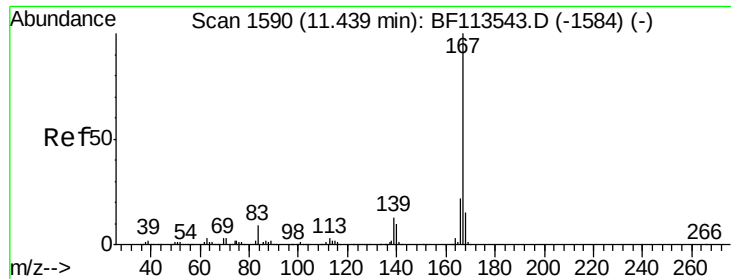
Tot Ion:178 Resp: 267016
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.2
 179 15.4 12.7 19.1



#72
 Anthracene
 Concen: 9.367 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:178 Resp: 270546
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.0 12.8 19.2

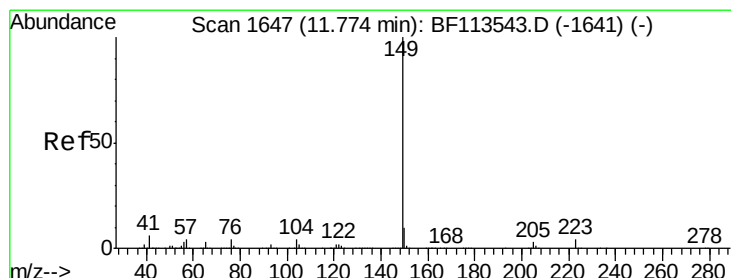
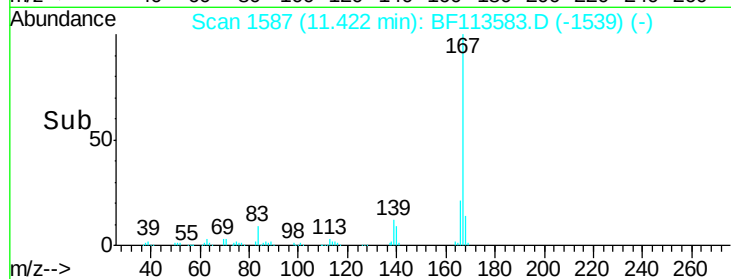
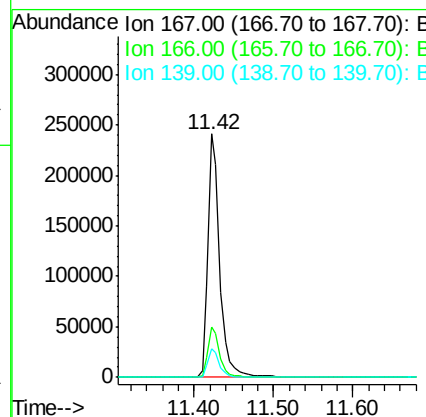
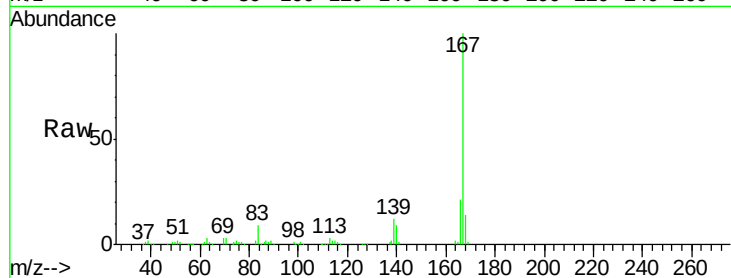




#73
 Carbazole
 Concen: 9.443 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

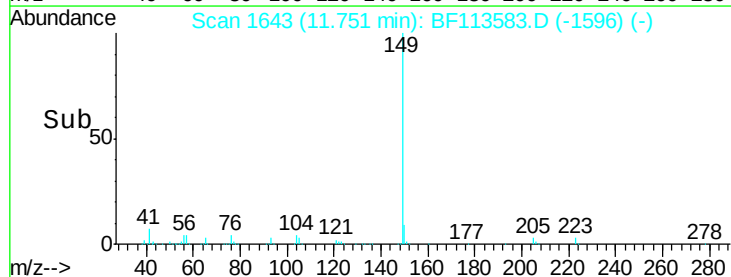
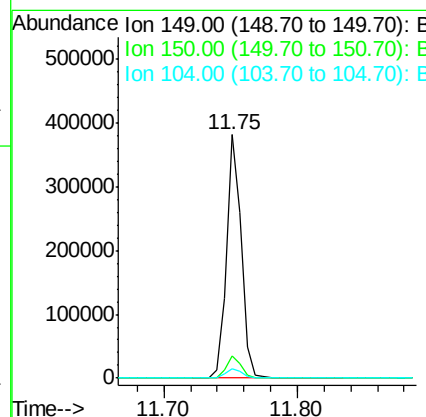
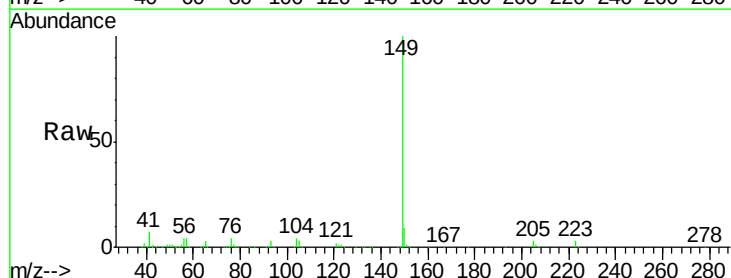
Instrument :
 BNA_F
 ClientSampleId :

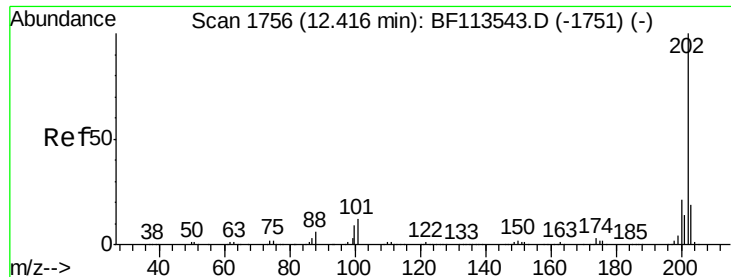
Tot Ion:167 Resp: 255074
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 12.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 9.243 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:149 Resp: 296997
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.1 3.7 5.5

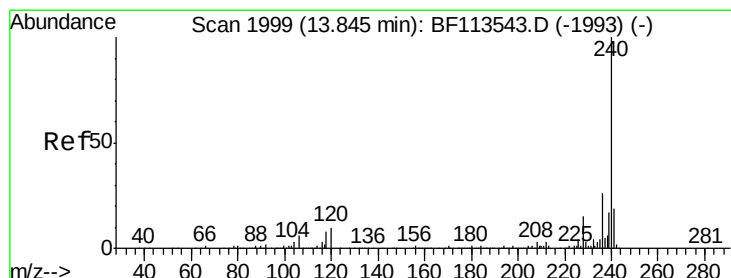
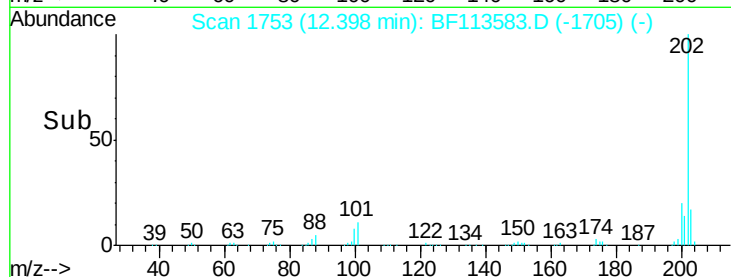
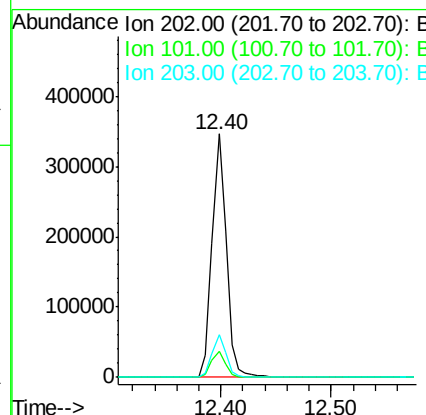
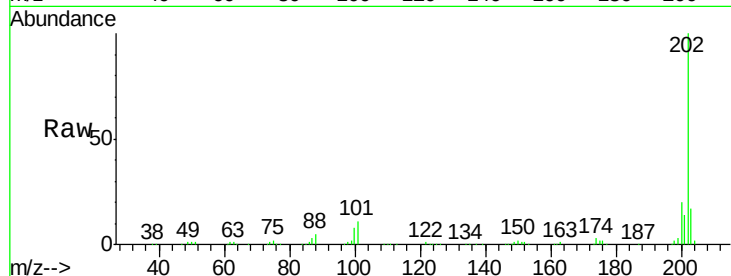




#75
Fluoranthene
Concen: 9.924 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

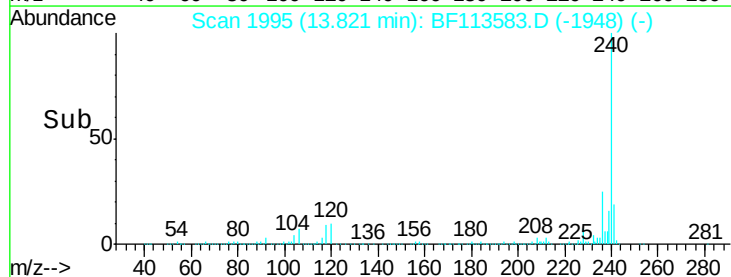
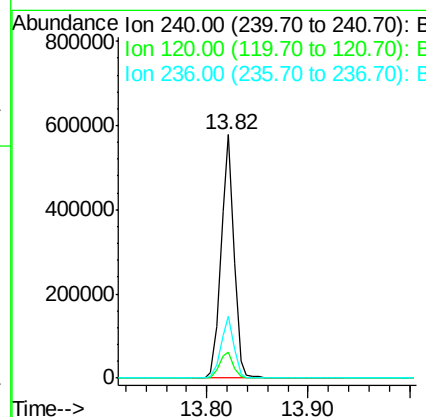
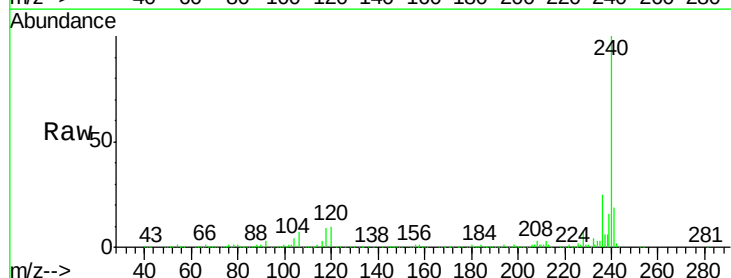
Instrument :
BNA_F
ClientSampleId :

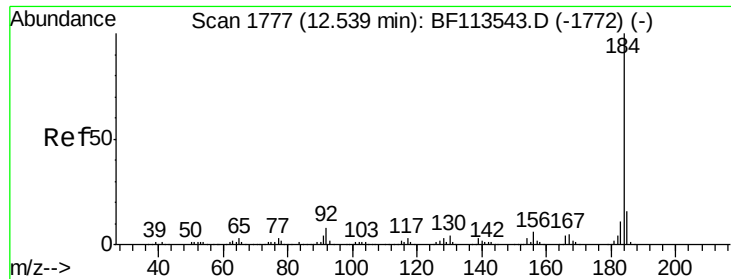
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.4	0.0	38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	25.4	20.9	31.3





#77

Benzidine

Concen: 7.513 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

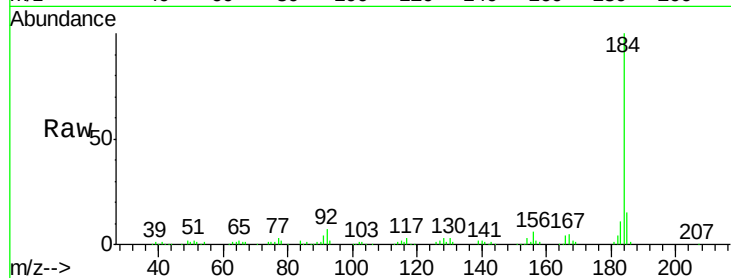
Tot Ion:184 Resp: 142509

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.6

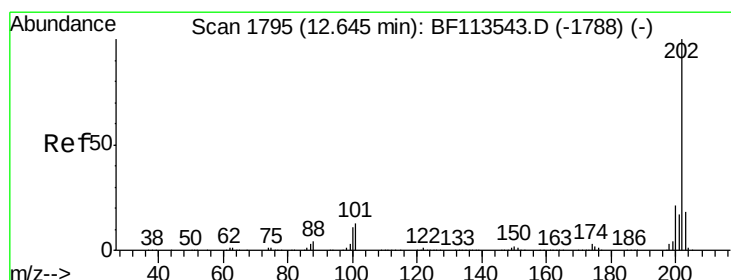
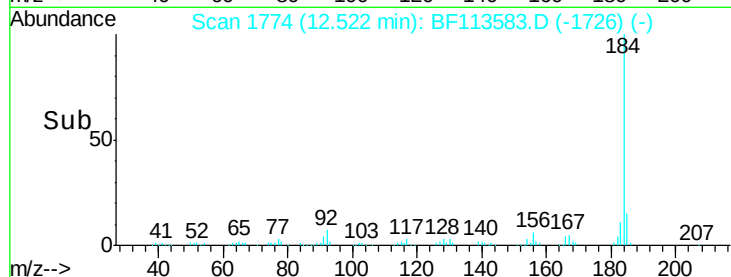
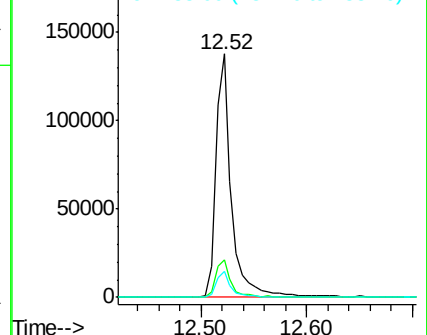
183 10.5 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.905 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

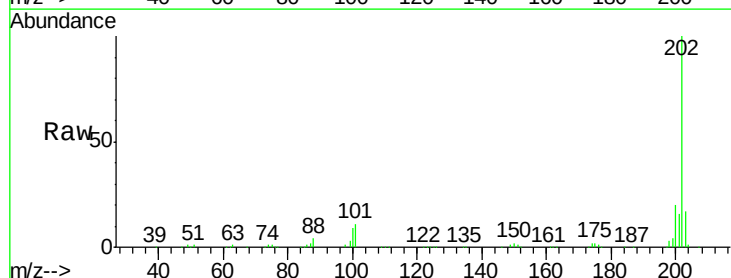
Tgt Ion:202 Resp: 306800

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

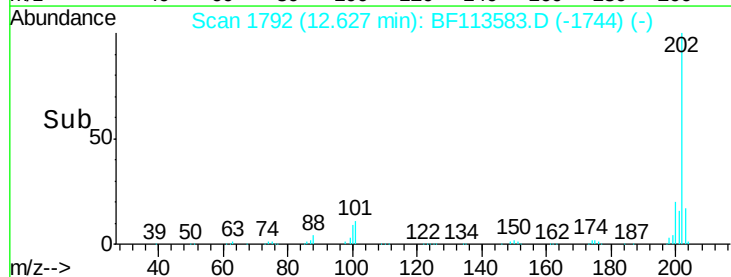
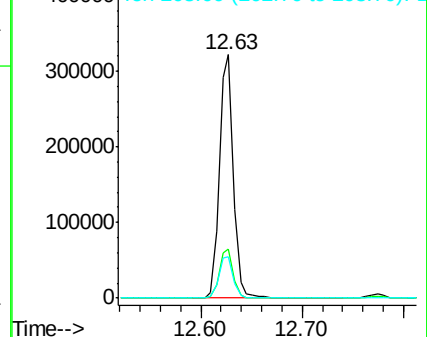
203 16.9 14.4 21.6

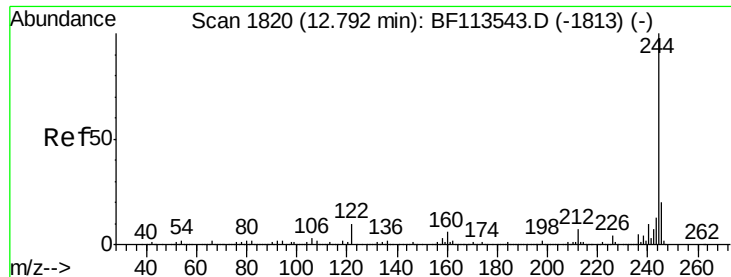


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.809 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

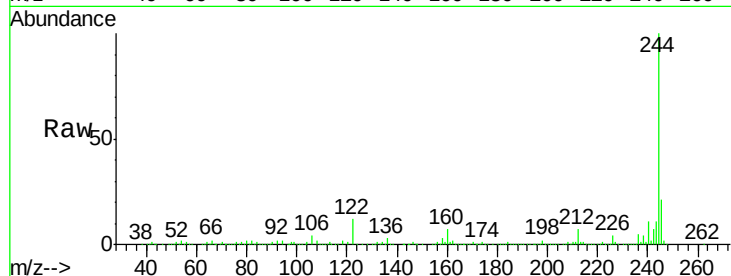
Tot Ion:244 Resp: 1924252

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

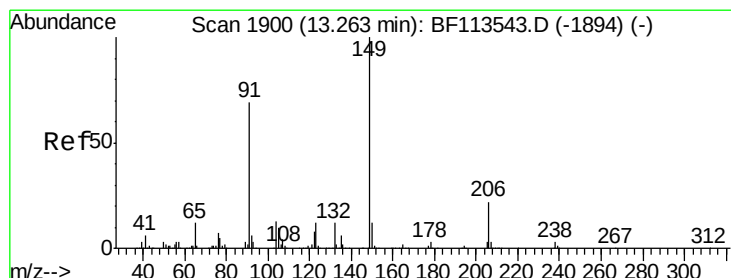
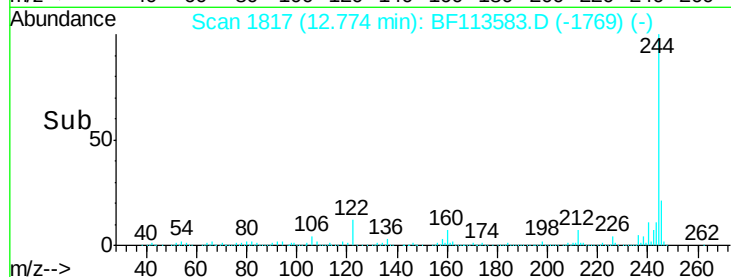
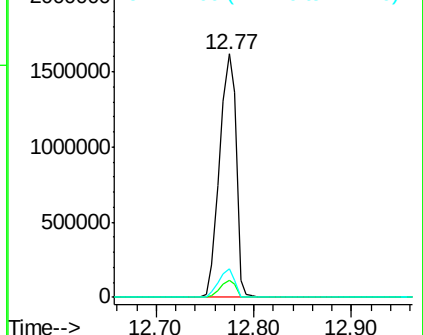
122 11.5 8.6 13.0



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: 7.786 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

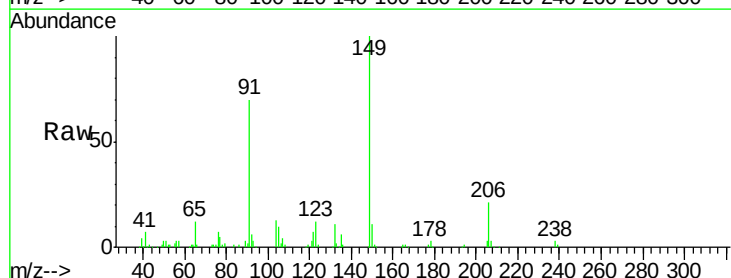
Tgt Ion:149 Resp: 122998

Ion Ratio Lower Upper

149 100

91 70.1 55.2 82.8

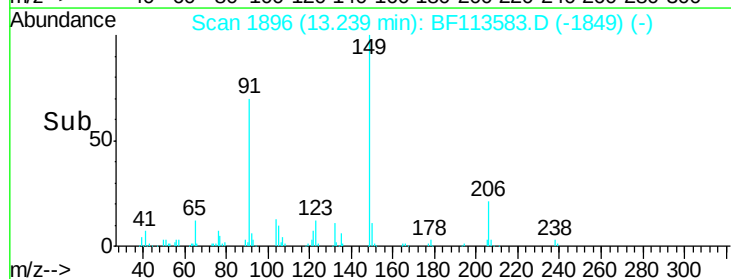
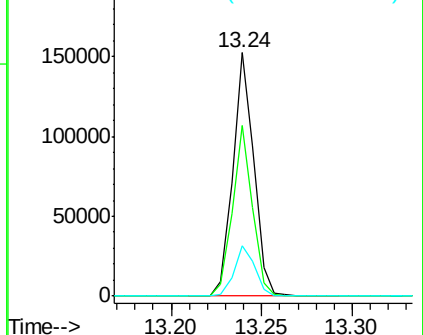
206 20.9 16.1 24.1

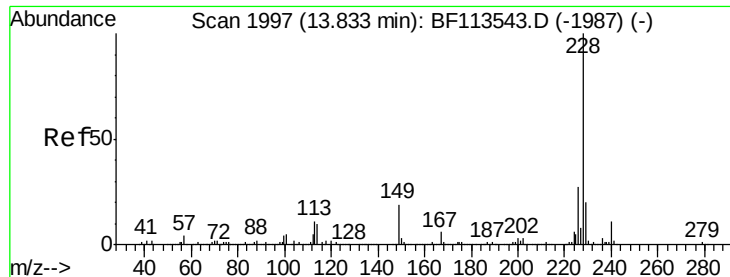


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.670 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

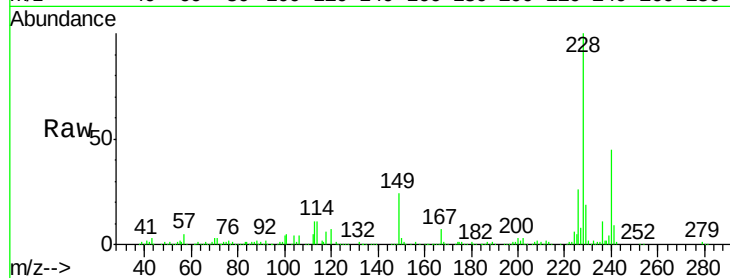
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 255100

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.8
229	19.3	16.2	24.4

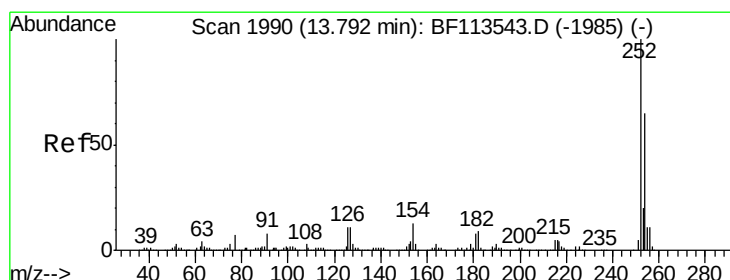
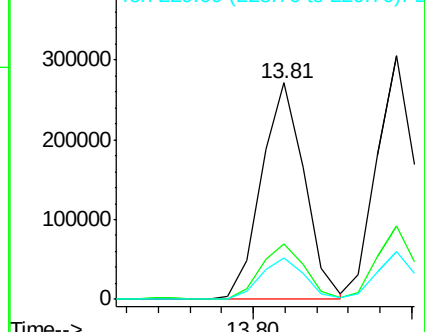
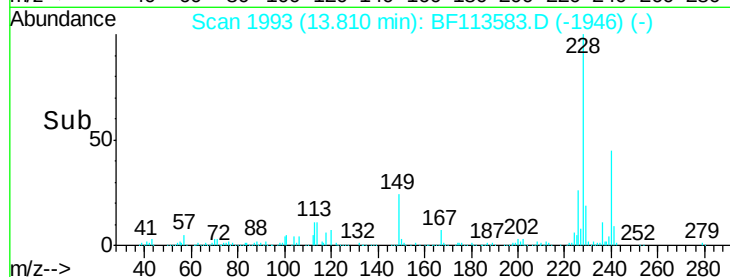


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.923 ng

RT: 13.77 min Scan# 1986

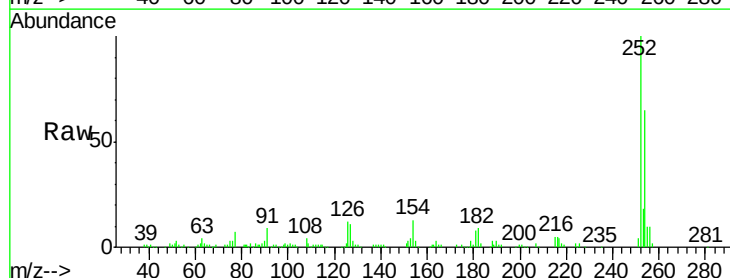
Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:252 Resp: 101129

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.2	78.2
126	11.5	8.5	12.7

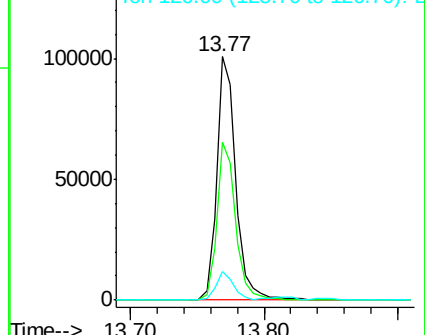
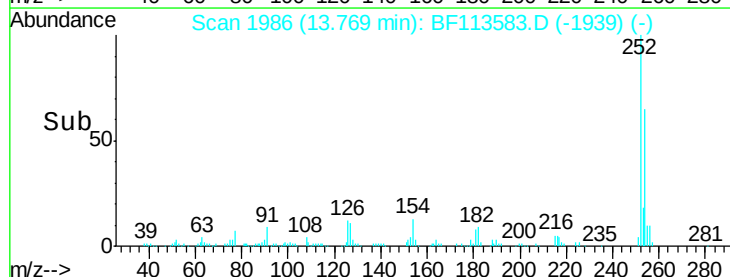


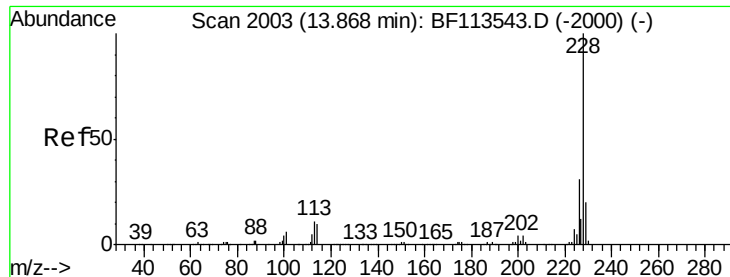
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.783 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

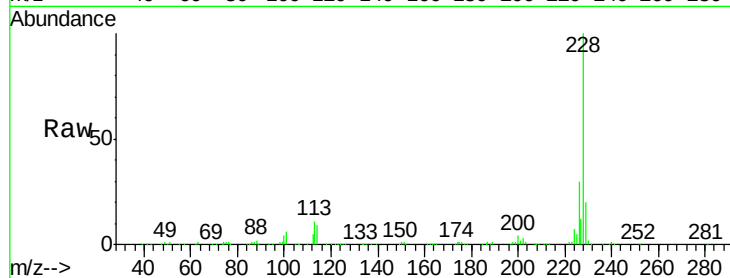
Tot Ion:228 Resp: 261962

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.7	16.3	24.5

228 100

226 30.0 24.3 36.5

229 19.7 16.3 24.5

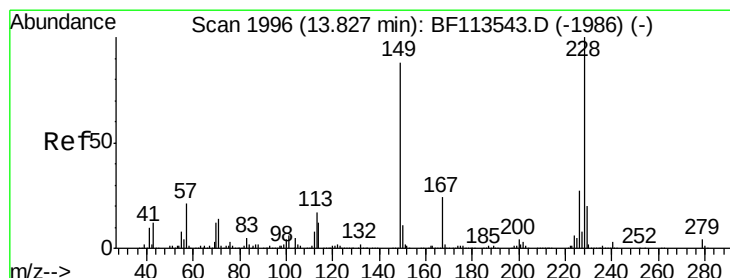
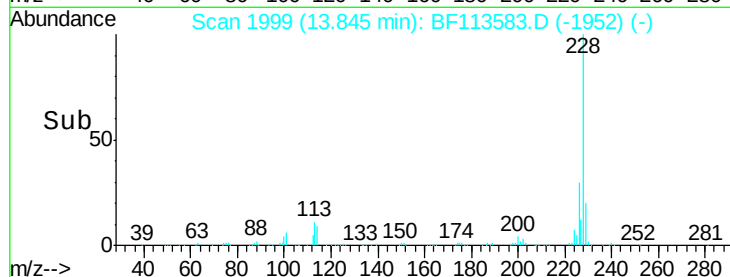
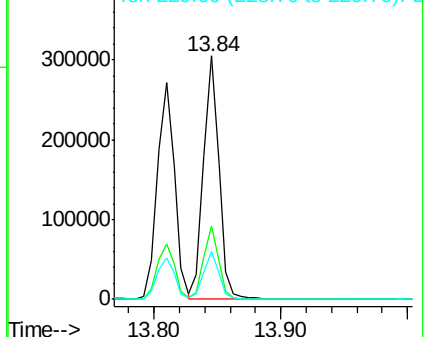


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.506 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

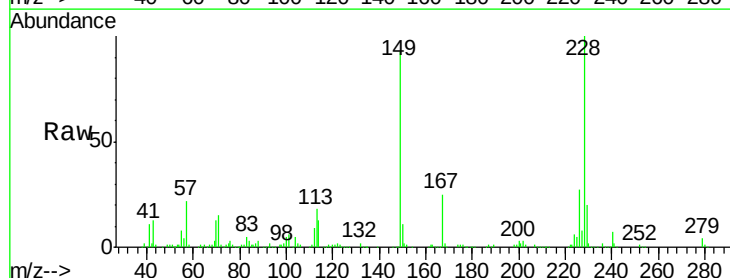
Tgt Ion:149 Resp: 162469

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	4.7	2.9	4.3#

149 100

167 27.3 21.8 32.8

279 4.7 2.9 4.3#

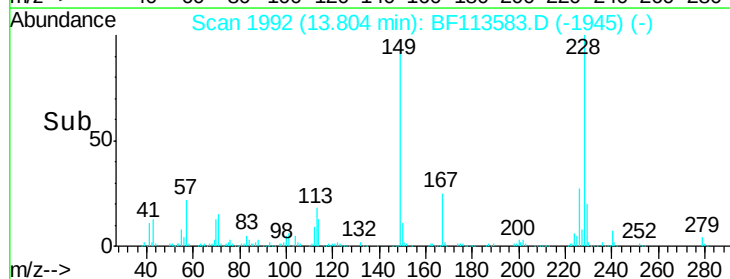
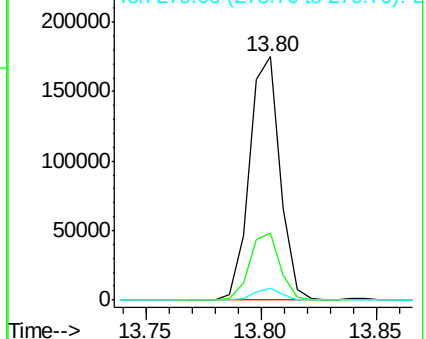


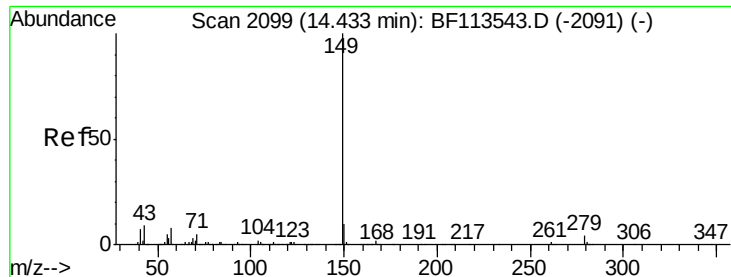
Abundance

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

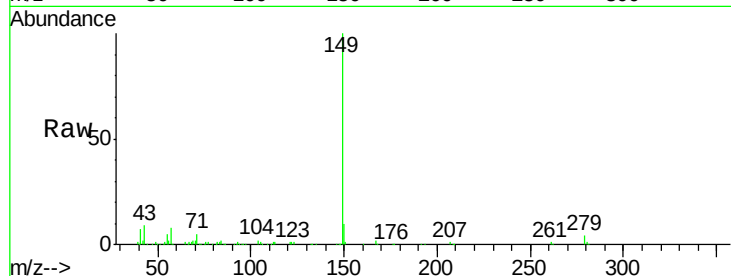




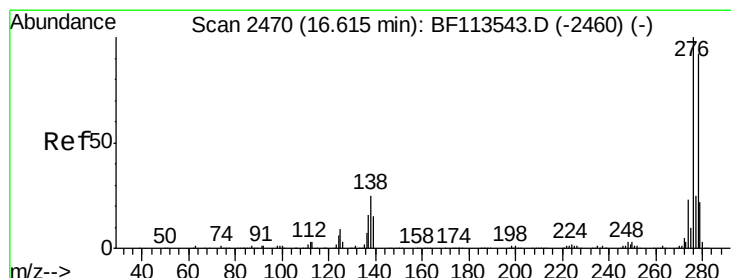
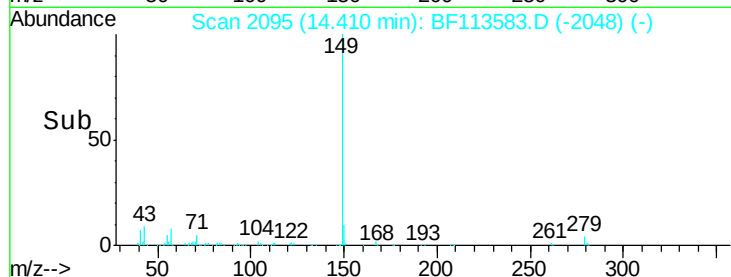
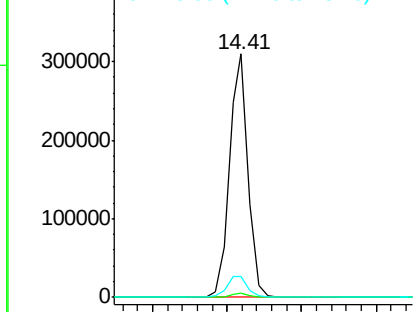
#85
Di-n-octyl phthalate
Concen: 8.748 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.7	11.5

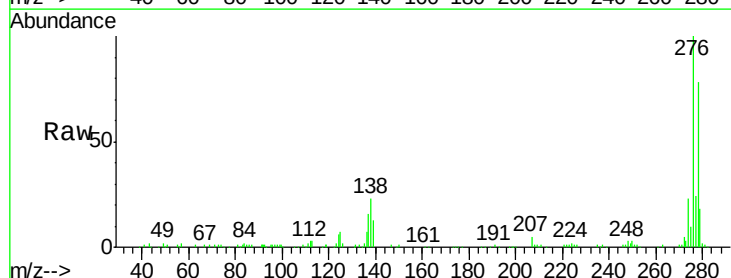


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

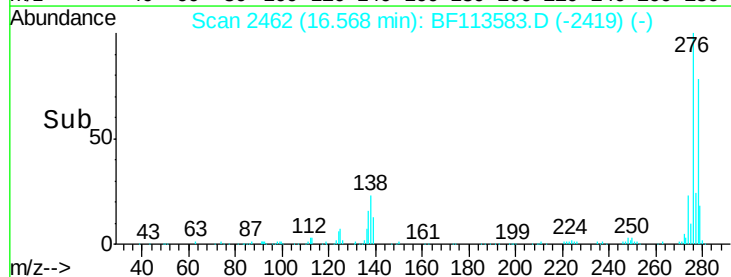
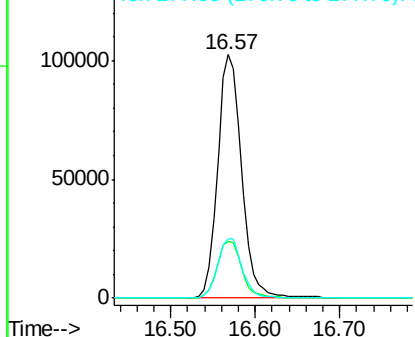


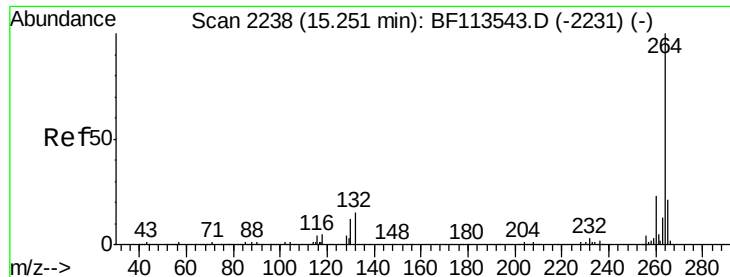
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.365 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.05 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.1	27.1
277	24.8	20.2	30.4



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

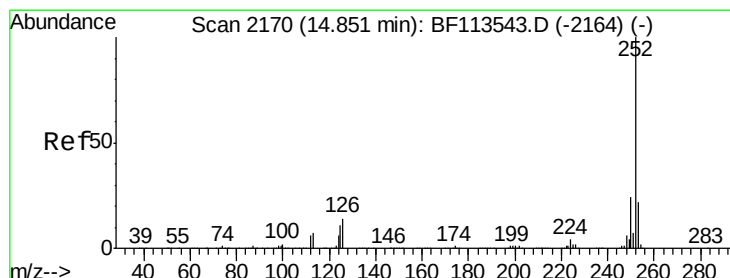
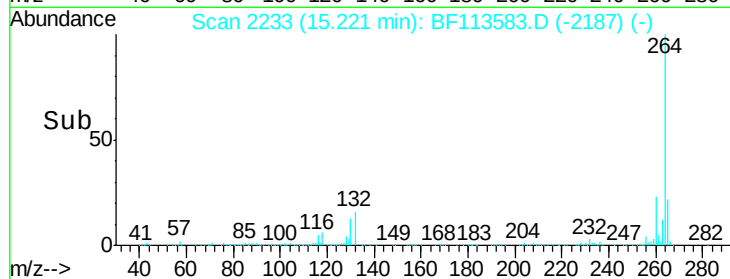
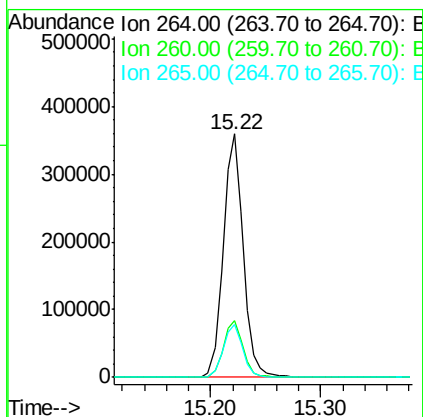
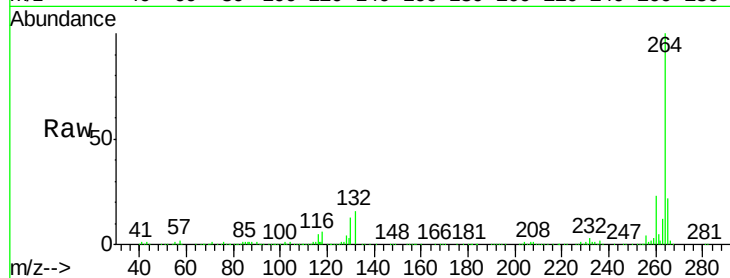




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

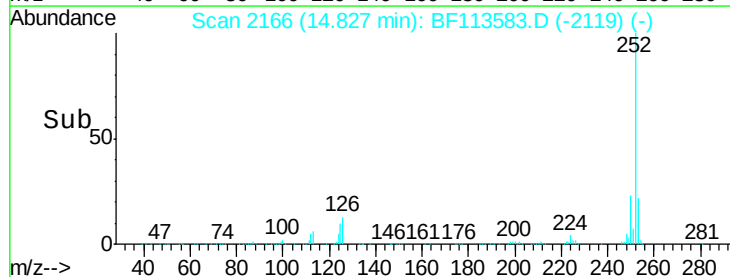
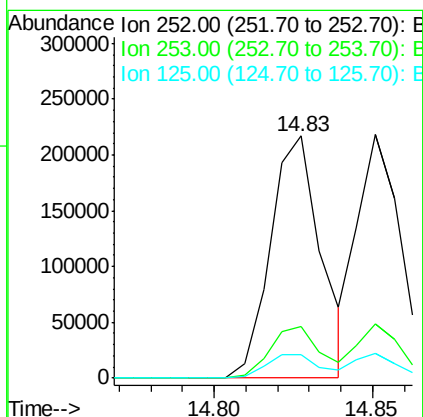
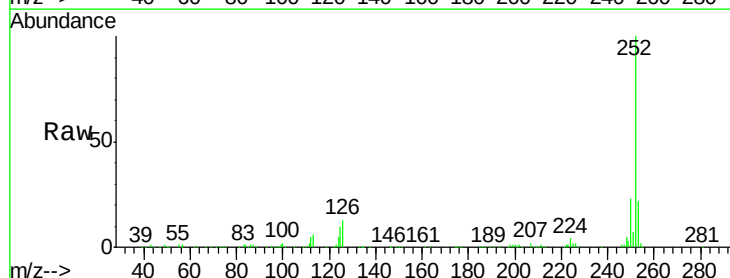
Instrument :
BNA_F
ClientSampleId :

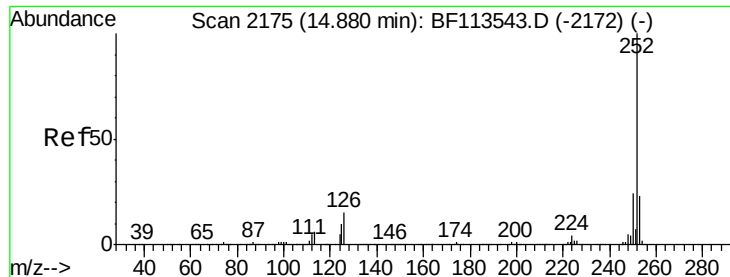
Tot Ion:264 Resp: 453208
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.7 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 8.656 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:252 Resp: 240145
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 9.7 7.6 11.4

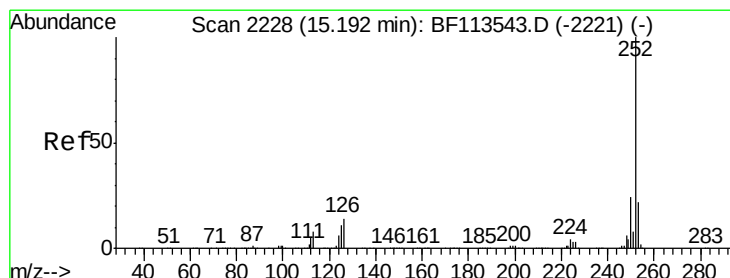
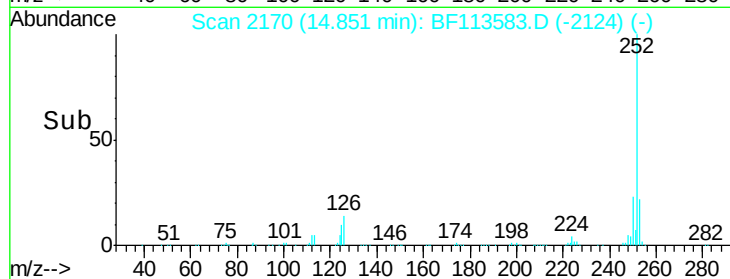
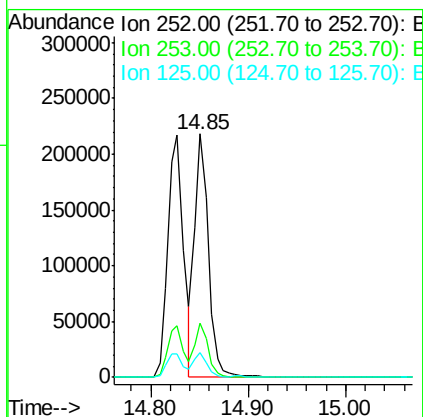
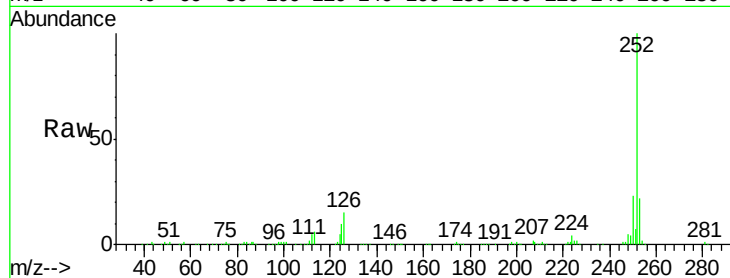




#89
Benzo(k)fluoranthene
Concen: 8.688 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

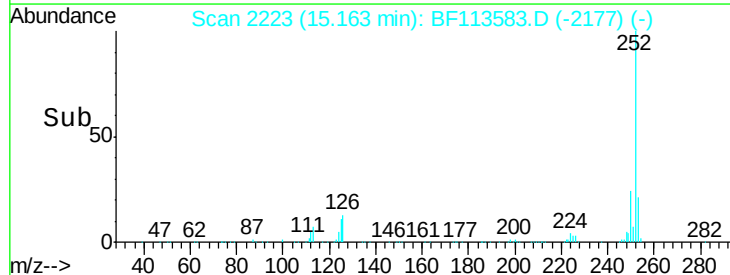
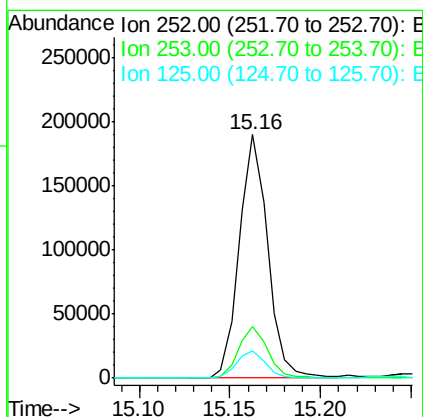
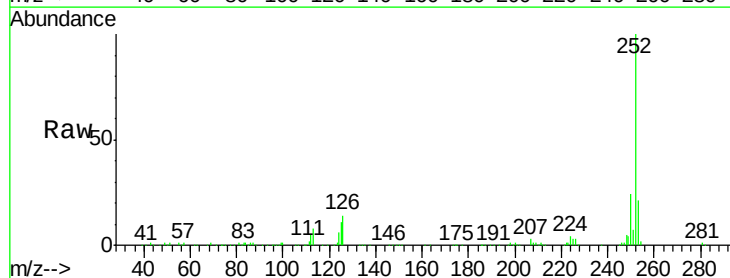
Instrument :
BNA_F
ClientSampled :

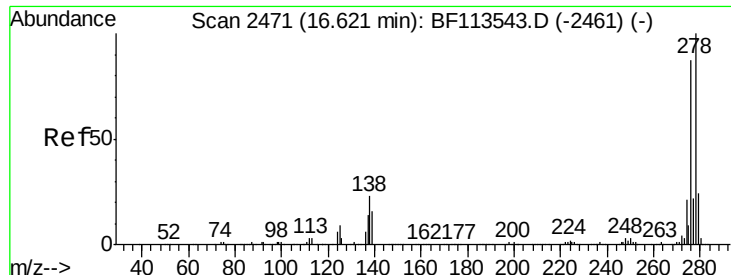
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	7.3	10.9



#90
Benzo(a)pyrene
Concen: 8.440 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	11.4	8.8	13.2

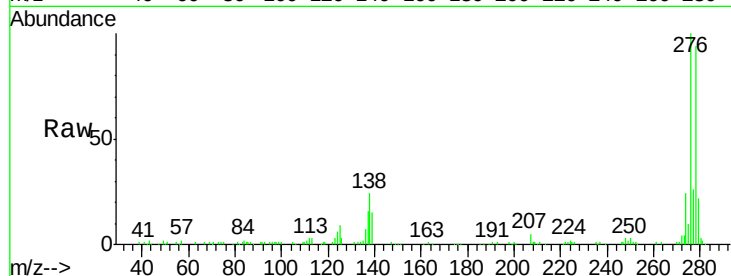




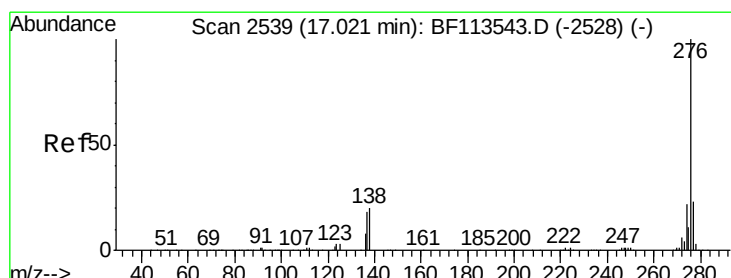
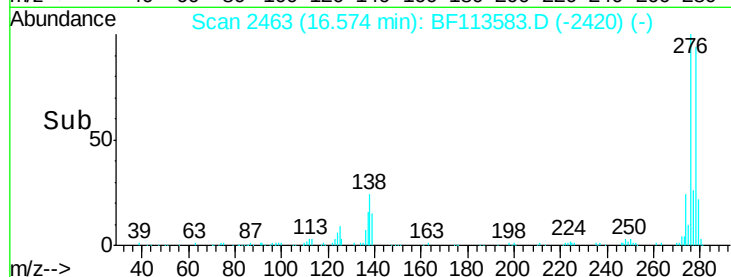
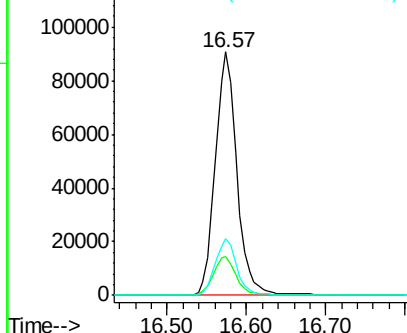
#91
Dibenzo(a,h)anthracene
Concen: 7.437 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.05 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 171452
Ion Ratio Lower Upper
278 100
139 16.0 12.0 18.0
279 23.3 19.0 28.6

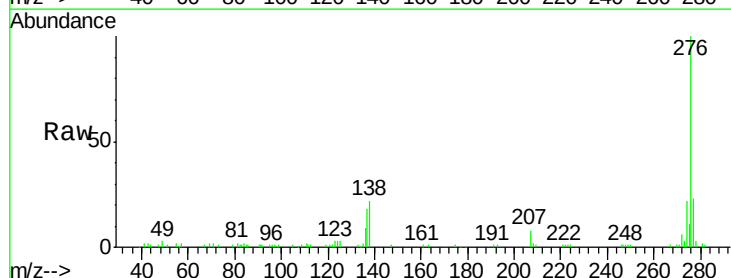


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 6.778 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.05 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:276 Resp: 159482
Ion Ratio Lower Upper
276 100
277 22.5 18.8 28.2
138 21.6 15.6 23.4



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

