

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113588.D
 Acq On : 4 Apr 2019 17:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:50:53 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	167789	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	669389	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	329908	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	654674	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	470836	20.00	ng	-0.02
87) Perylene-d12	15.22	264	398215	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	793526	80.65	ng	0.00
7) Phenol-d6	6.34	99	992774	81.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	922066	80.69	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	326399	82.36	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1642760	80.16	ng	0.00
79) Terphenyl-d14	12.77	244	1751105	75.72	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	184873	39.670	ng	97
3) Pyridine	3.03	79	487582	39.979	ng	98
4) n-Nitrosodimethylamine	2.98	42	215258	41.541	ng	90
6) Aniline	6.35	93	620302	42.197	ng	91
8) 2-Chlorophenol	6.47	128	466377	40.966	ng	96
9) Benzaldehyde	6.23	77	288296	39.980	ng	99
10) Phenol	6.35	94	565525	40.830	ng	94
11) bis(2-Chloroethyl)ether	6.42	93	445155	41.316	ng	98
12) 1,3-Dichlorobenzene	6.62	146	497298	40.563	ng	99
13) 1,4-Dichlorobenzene	6.70	146	500288	40.381	ng	100
14) 1,2-Dichlorobenzene	6.86	146	451826	40.403	ng	97
15) Benzyl Alcohol	6.84	79	345160	42.093	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	677916	40.423	ng	97
17) 2-Methylphenol	6.96	107	361873	41.017	ng	96
18) Hexachloroethane	7.19	117	182177	40.399	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	305518	40.854	ng	98
20) 3+4-Methylphenols	7.11	107	445594	41.684	ng	99
22) Acetophenone	7.10	105	593728	40.384	ng	98
24) Nitrobenzene	7.27	77	485639	41.265	ng	99
25) Isophorone	7.51	82	905268	41.122	ng	97
26) 2-Nitrophenol	7.59	139	262246	41.403	ng	96
27) 2,4-Dimethylphenol	7.63	122	357134	39.440	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	564306	40.545	ng	100
29) 2,4-Dichlorophenol	7.83	162	403952	41.694	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	425815	40.472	ng	98
31) Naphthalene	7.99	128	1302181	40.149	ng	100
32) Benzoic acid	7.80	122	285602	40.731	ng	99
33) 4-Chloroaniline	8.05	127	538626	41.882	ng	98
34) Hexachlorobutadiene	8.11	225	256354	39.965	ng	98
35) Caprolactam	8.43	113	136512	44.387	ng	99
36) 4-Chloro-3-methylphenol	8.54	107	409842	42.140	ng	99
37) 2-Methylnaphthalene	8.68	142	857378	40.193	ng	98
38) 1-Methylnaphthalene	8.77	142	832932	40.495	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	424788	39.813	ng	99

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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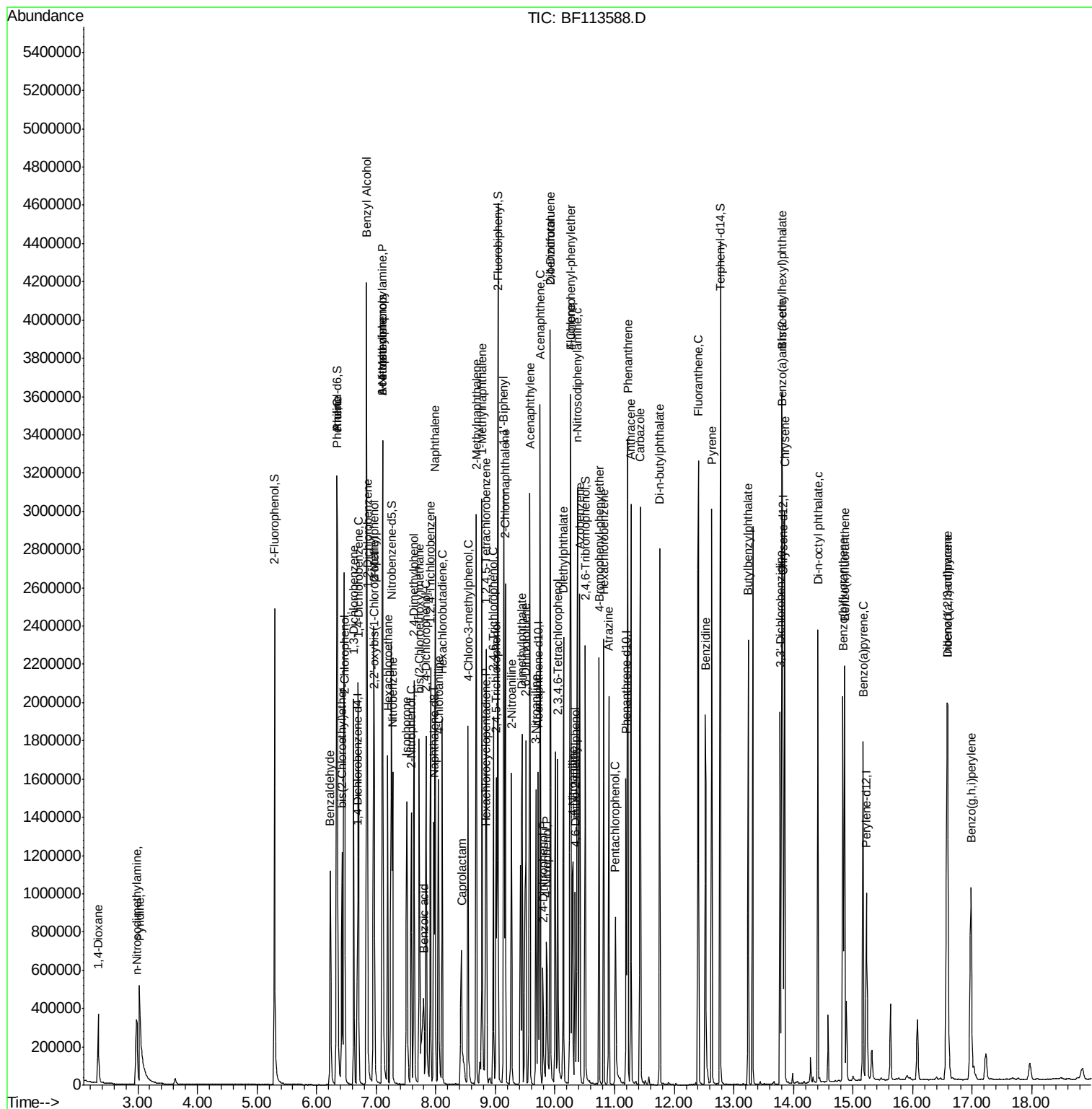
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	117367	39.555	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	273452	40.602	ng	98
44) 2,4,5-Trichlorophenol	9.01	196	296004	40.938	ng	99
46) 1,1'-Biphenyl	9.15	154	1077912	39.595	ng	99
47) 2-Chloronaphthalene	9.17	162	827327	40.138	ng	98
48) 2-Nitroaniline	9.27	65	264507	41.938	ng	100
49) Acenaphthylene	9.58	152	1316588	39.281	ng	100
50) Dimethylphthalate	9.45	163	976622	40.159	ng	99
51) 2,6-Dinitrotoluene	9.51	165	220288	41.095	ng	98
52) Acenaphthene	9.75	154	768106	40.034	ng	100
53) 3-Nitroaniline	9.68	138	253783	41.641	ng	93
54) 2,4-Dinitrophenol	9.80	184	102005	40.674	ng	90
55) Dibenzofuran	9.92	168	1102037	39.157	ng	99
56) 4-Nitrophenol	9.86	139	160860	42.548	ng	95
57) 2,4-Dinitrotoluene	9.92	165	262747	40.528	ng	# 90
58) Fluorene	10.26	166	880227	39.543	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	266730	42.618	ng	97
60) Diethylphthalate	10.14	149	936937	39.960	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	440674	40.248	ng	97
62) 4-Nitroaniline	10.30	138	262550	42.364	ng	98
63) Azobenzene	10.42	77	883239	39.785	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	143430	41.615	ng	98
66) n-Nitrosodiphenylamine	10.37	169	806532	40.130	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	290427	39.555	ng	98
68) Hexachlorobenzene	10.82	284	333747	39.670	ng	96
69) Atrazine	10.90	200	239763	37.849	ng	96
70) Pentachlorophenol	11.02	266	160968	40.604	ng	99
71) Phenanthrene	11.22	178	1277423	39.268	ng	100
72) Anthracene	11.27	178	1308612	39.537	ng	100
73) Carbazole	11.43	167	1257457	40.621	ng	100
74) Di-n-butylphthalate	11.76	149	1445457	39.252	ng	100
75) Fluoranthene	12.40	202	1390137	39.878	ng	99
77) Benzidine	12.52	184	836686	47.786	ng	99
78) Pyrene	12.63	202	1416354	39.535	ng	100
80) Butylbenzylphthalate	13.25	149	588400	40.348	ng	96
81) Benzo(a)anthracene	13.82	228	1103721	40.637	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	441889	42.240	ng	99
83) Chrysene	13.85	228	1105470	40.151	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	708969	40.210	ng	99
85) Di-n-octyl phthalate	14.41	149	1115011	38.905	ng	100
86) Indeno(1,2,3-cd)pyrene	16.58	276	993400	39.078	ng	99
88) Benzo(b)fluoranthene	14.83	252	947381	38.866	ng	98
89) Benzo(k)fluoranthene	14.86	252	920458	42.075	ng	99
90) Benzo(a)pyrene	15.17	252	877207	40.498	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	817622	40.365	ng	99
92) Benzo(g,h,i)perylene	16.98	276	843350	40.791	ng	99

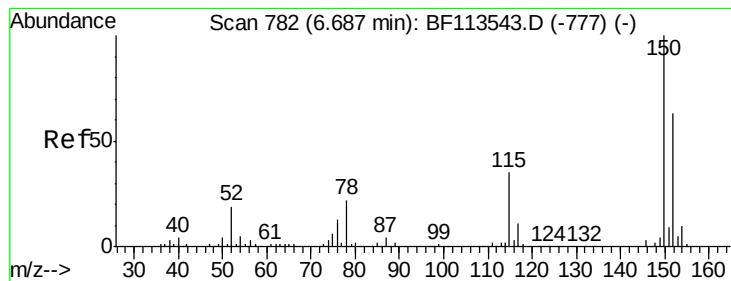
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2      Sample Multiplier: 1
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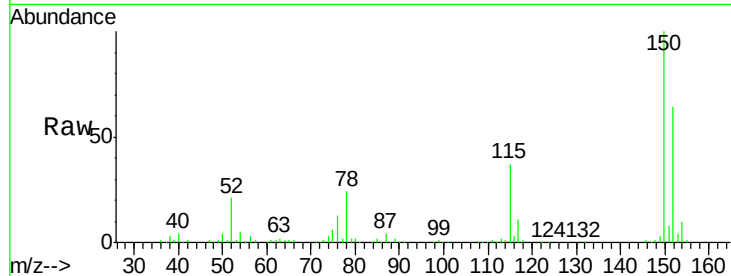


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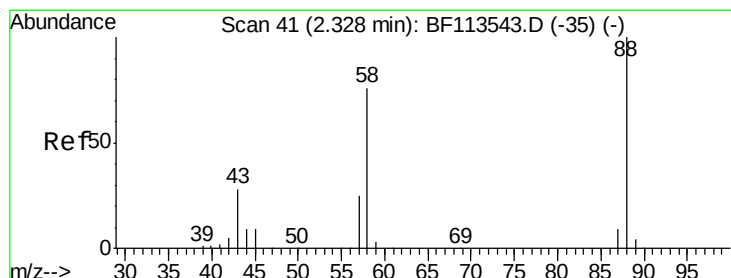
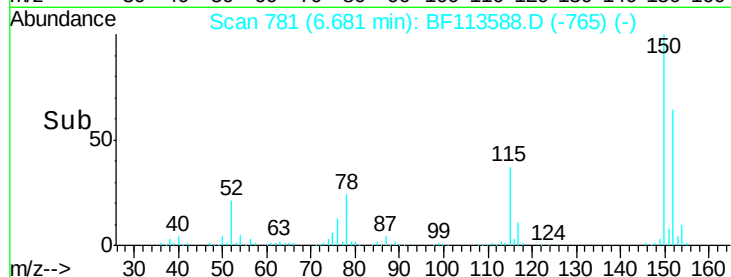
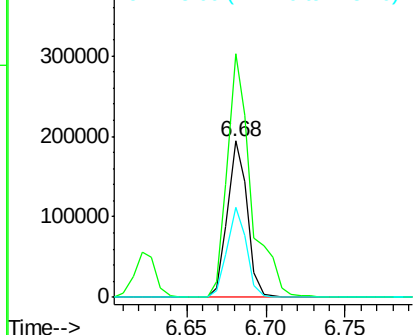
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167789
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 57.5 46.0 69.0



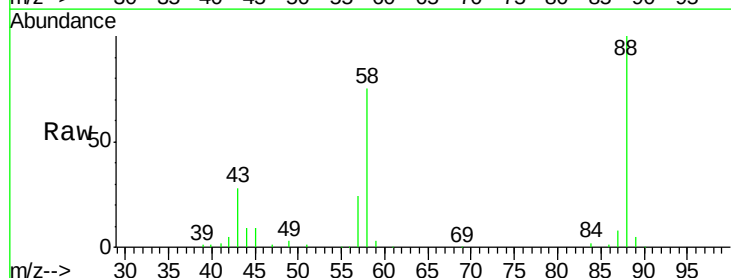
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



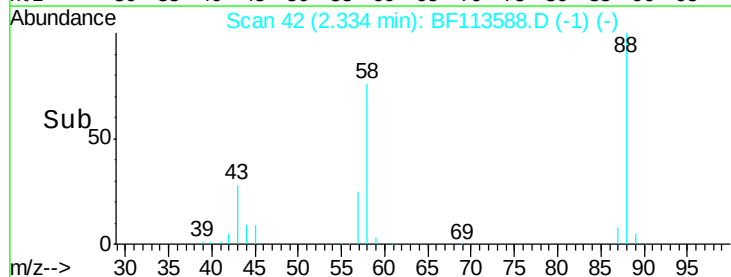
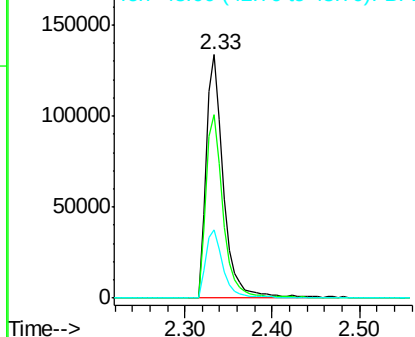
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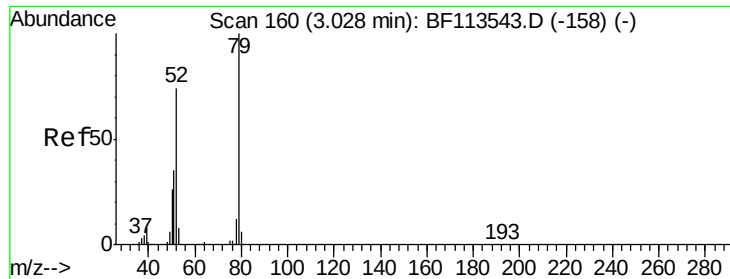
1,4-Dioxane
Concen: 39.670 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion: 88 Resp: 184873
Ion Ratio Lower Upper
88 100
58 74.9 61.9 92.9
43 28.6 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: 39.979 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

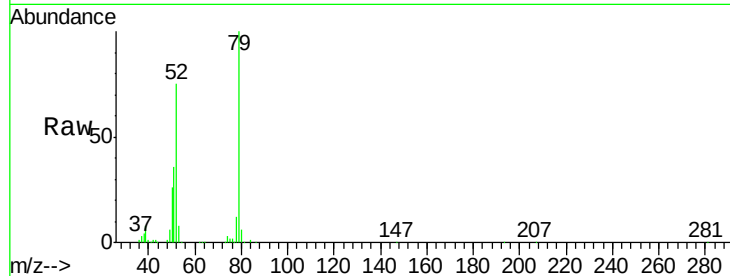
Tot Ion: 79 Resp: 487582

Ion Ratio Lower Upper

79 100

52 74.8 61.0 91.4

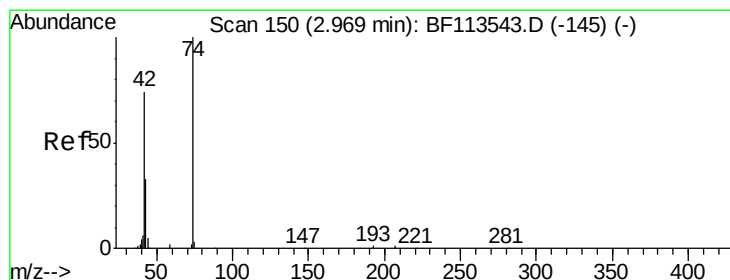
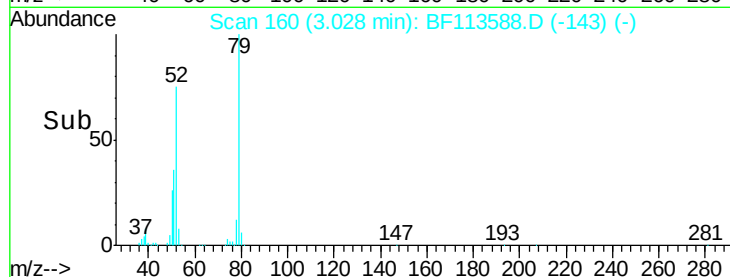
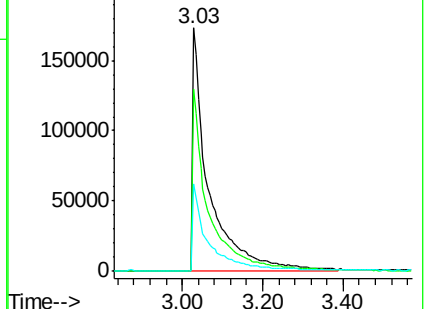
51 36.1 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.541 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

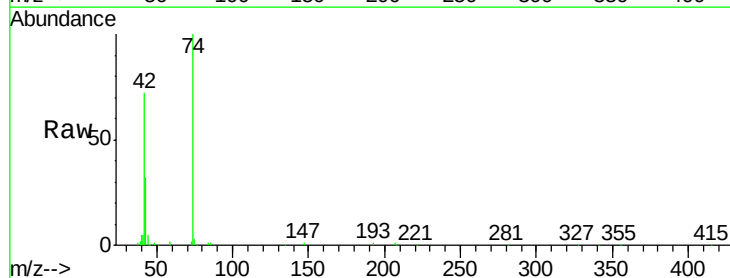
Tgt Ion: 42 Resp: 215258

Ion Ratio Lower Upper

42 100

74 139.5 102.4 153.6

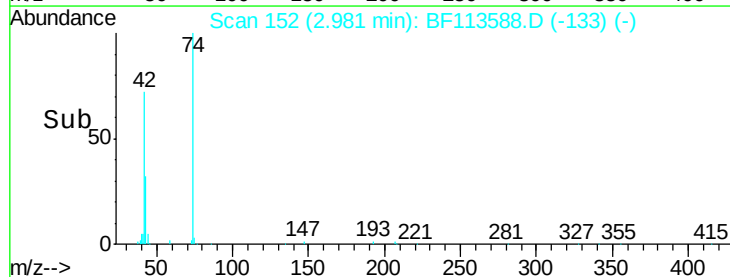
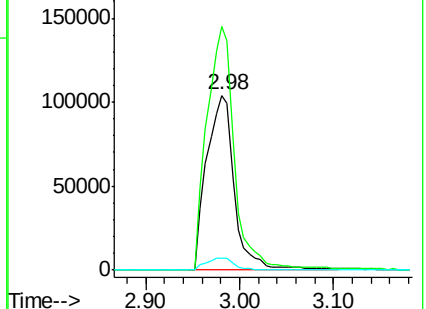
44 7.2 5.5 8.3

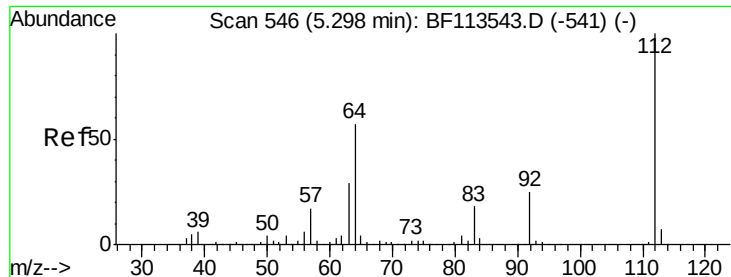


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.646 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampled :

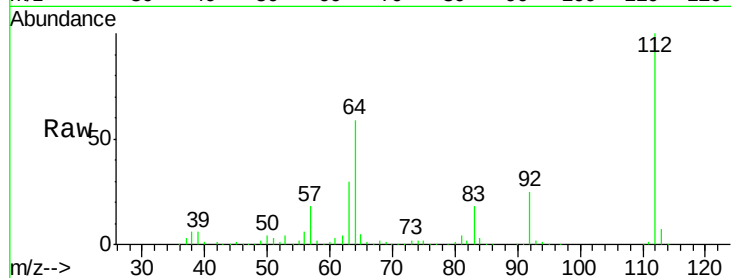
Tot Ion:112 Resp: 793526

Ion Ratio Lower Upper

112 100

64 59.2 49.2 73.8

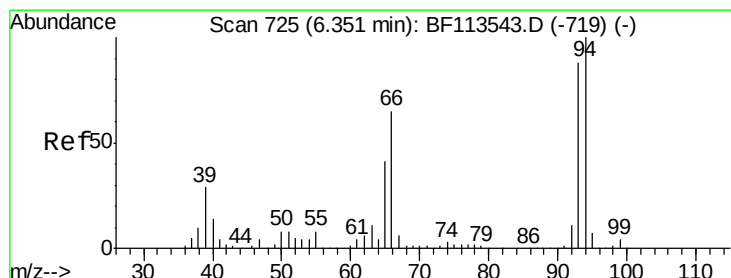
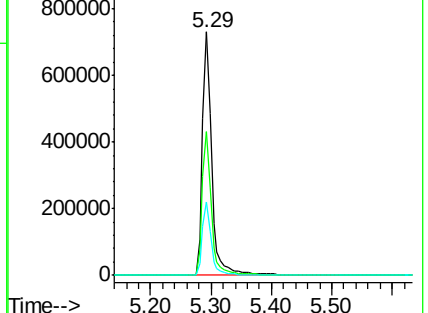
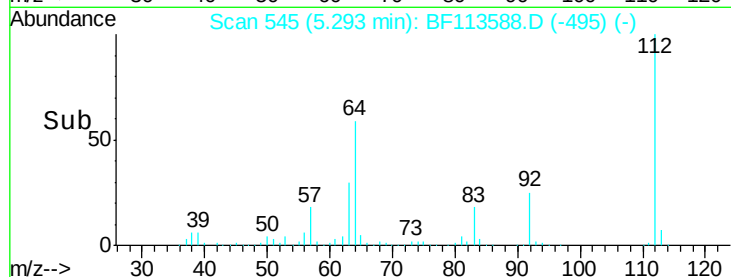
63 30.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.197 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

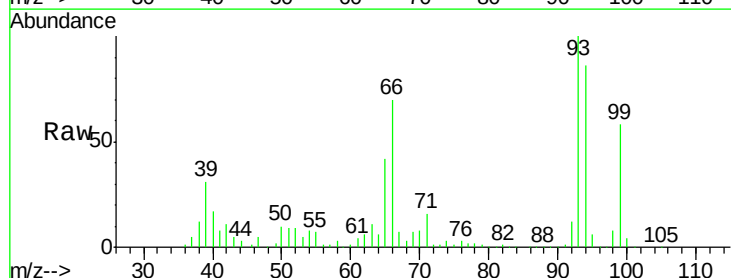
Tgt Ion: 93 Resp: 620302

Ion Ratio Lower Upper

93 100

66 69.7 62.1 93.1

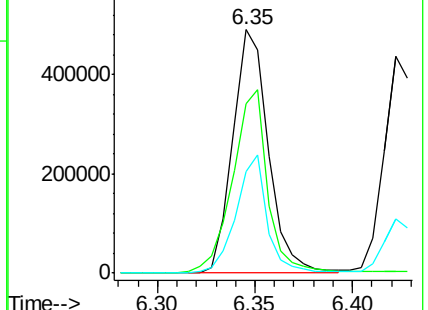
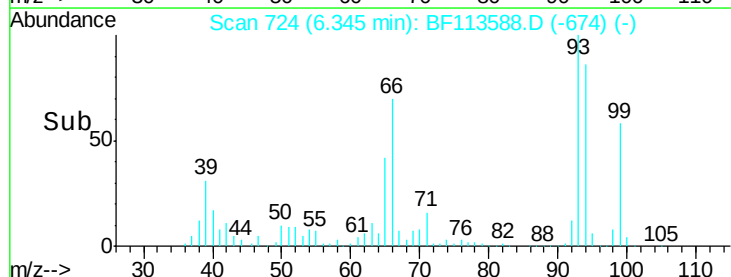
65 41.8 38.7 58.1

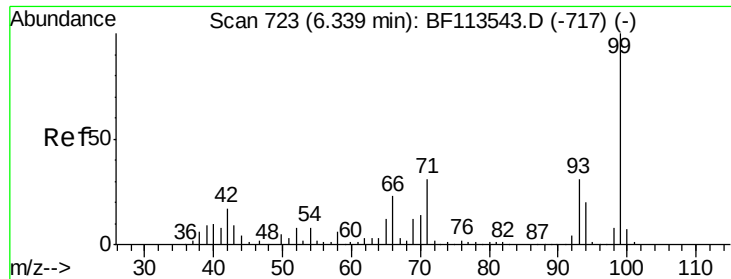


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.862 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampled :

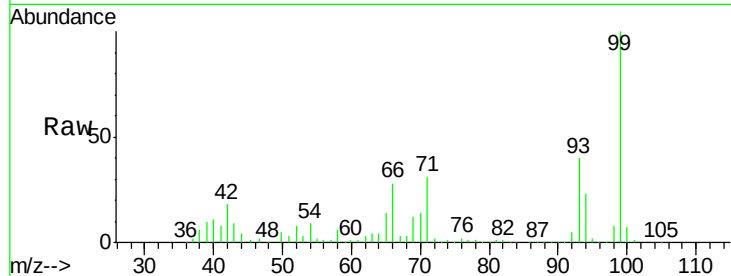
Tot Ion: 99 Resp: 992774

Ion Ratio Lower Upper

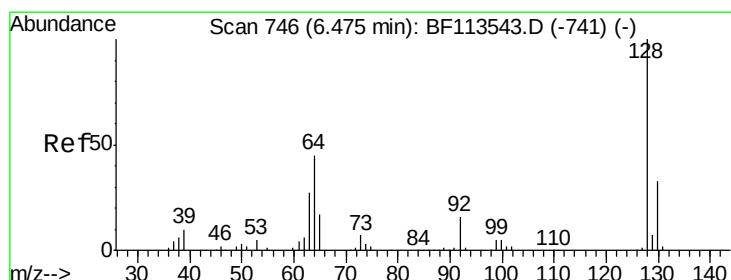
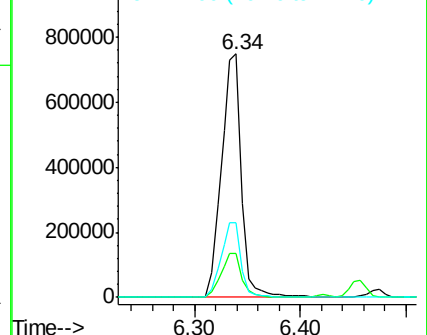
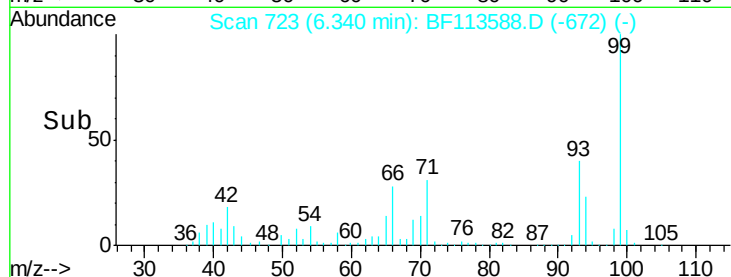
99 100

42 17.8 14.8 22.2

71 30.9 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: 40.966 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

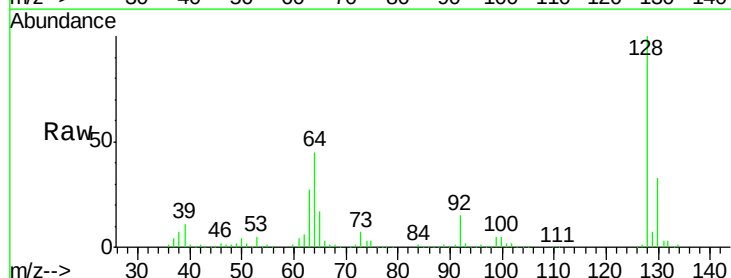
Tgt Ion: 128 Resp: 466377

Ion Ratio Lower Upper

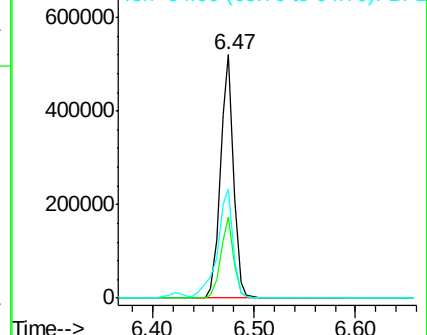
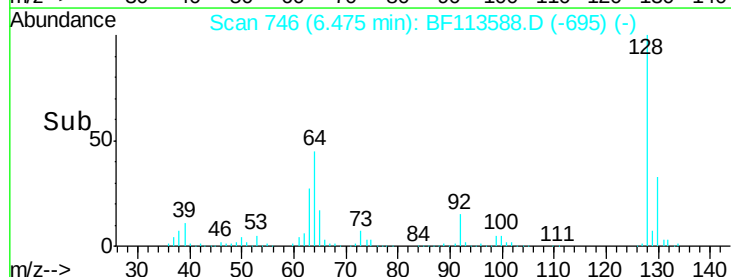
128 100

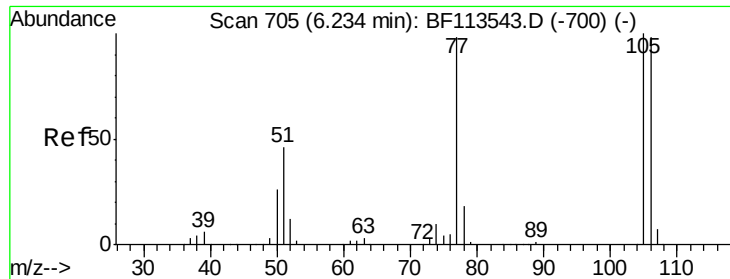
130 33.1 12.6 52.6

64 44.7 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

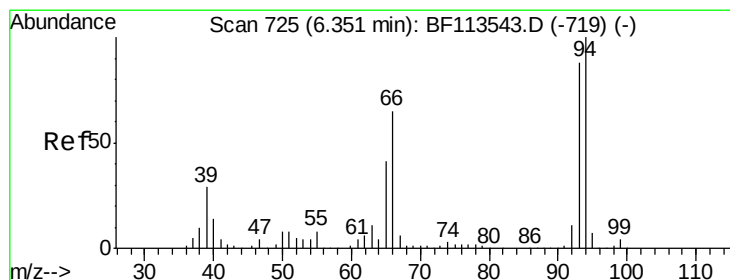
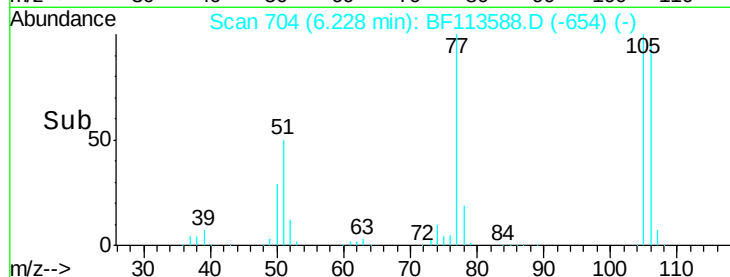
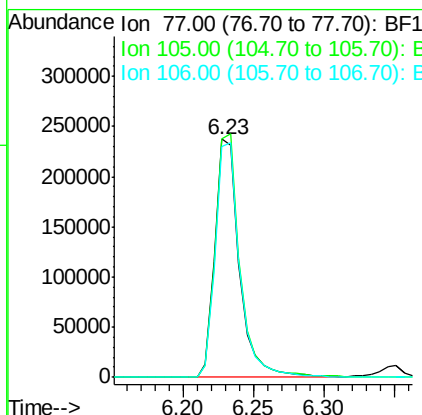
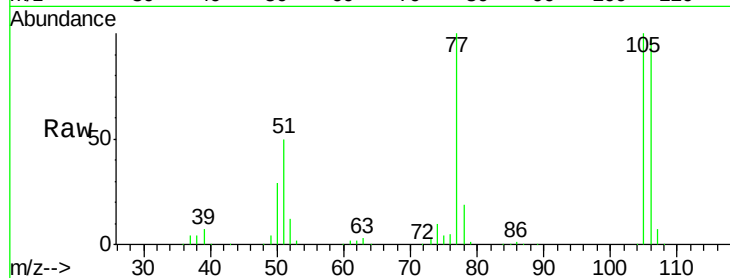




#9
Benzaldehyde
Concen: 39.980 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

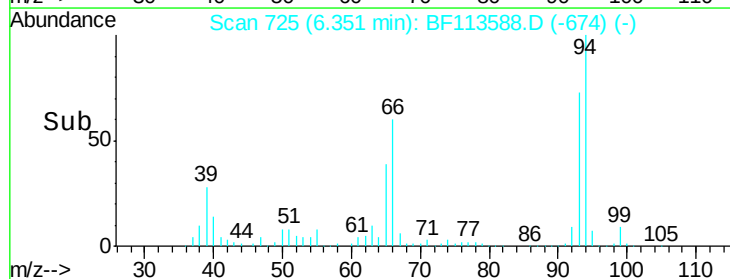
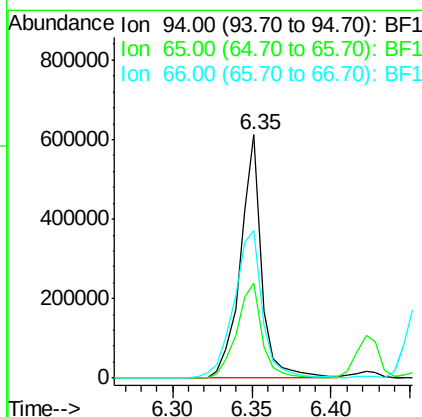
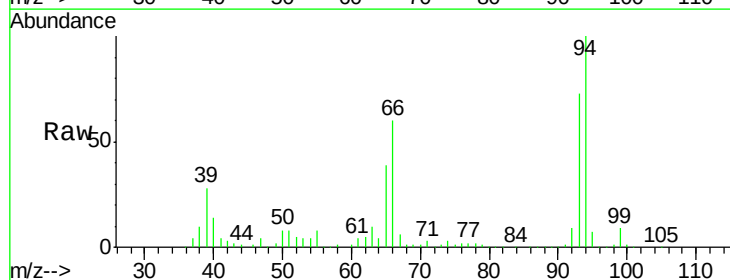
Instrument :
BNA_F
ClientSampleId :

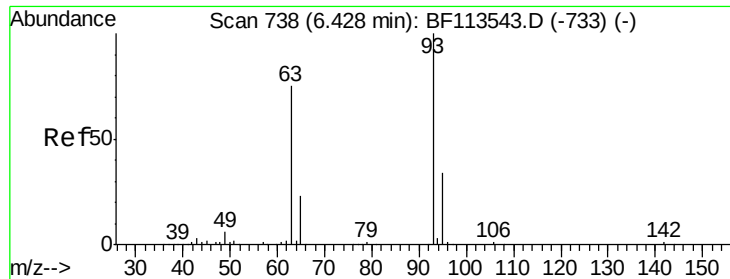
Tot Ion: 77 Resp: 288296
Ion Ratio Lower Upper
77 100
105 100.1 80.9 120.9
106 96.9 77.8 117.8



#10
Phenol
Concen: 40.830 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion: 94 Resp: 565525
Ion Ratio Lower Upper
94 100
65 39.1 21.4 61.4
66 60.5 46.4 86.4

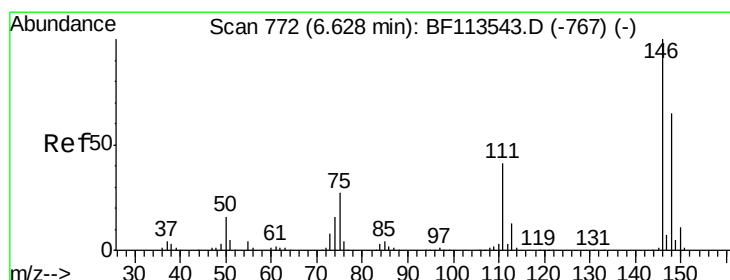
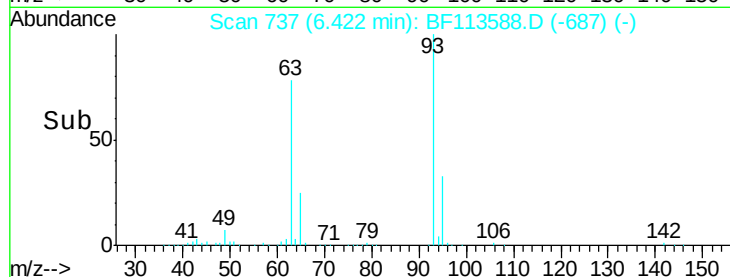
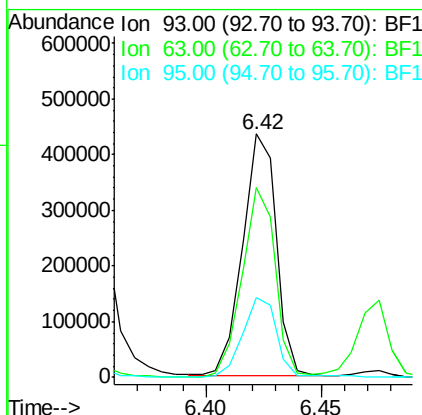
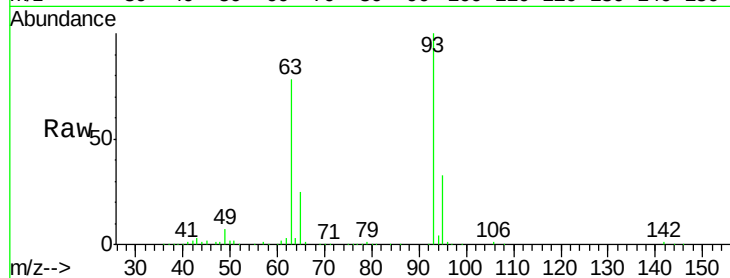




#11
 bis(2-Chloroethyl)ether
 Concen: 41.316 ng
 RT: 6.42 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

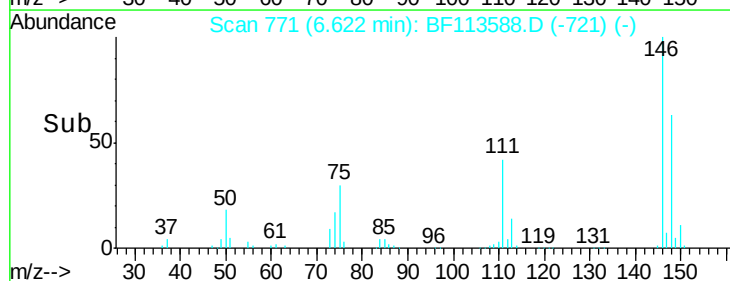
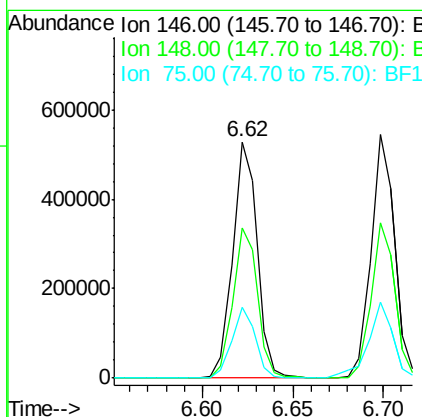
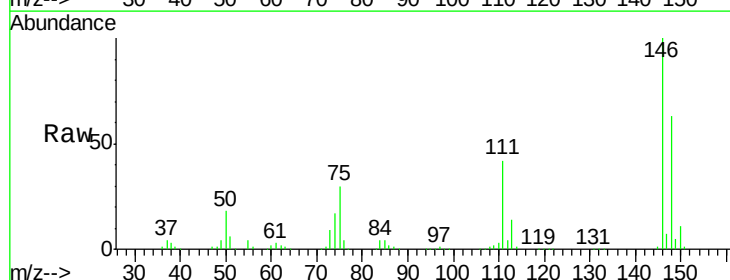
Instrument :
 BNA_F
 ClientSampled :

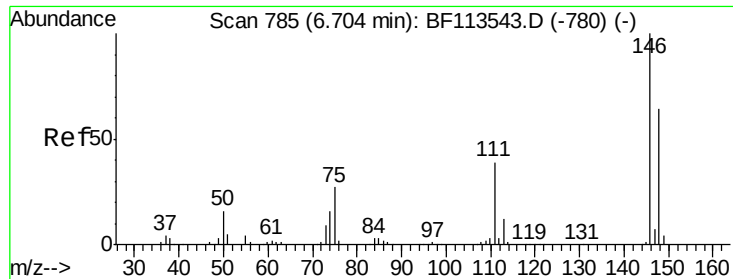
Tot Ion: 93 Resp: 445155
 Ion Ratio Lower Upper
 93 100
 63 78.1 56.1 96.1
 95 32.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.563 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion: 146 Resp: 497298
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.0
 75 30.0 24.8 37.2

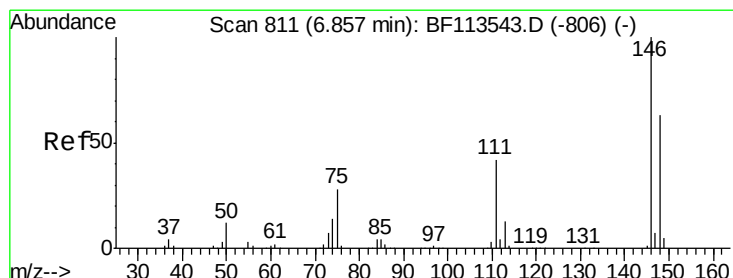
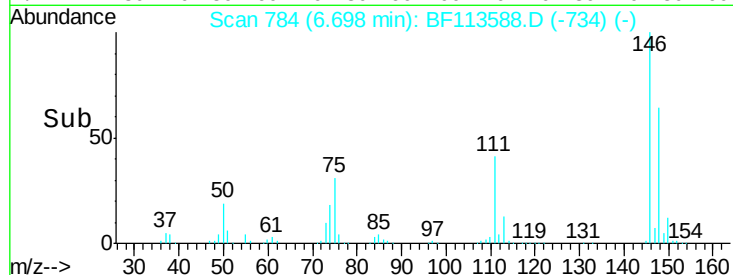
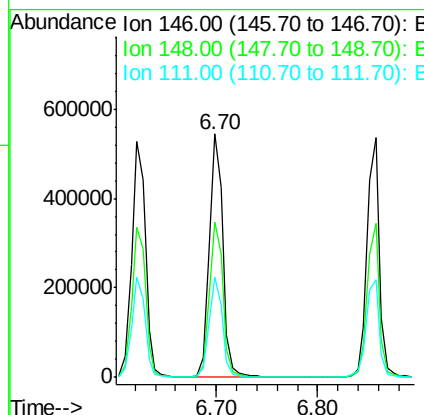
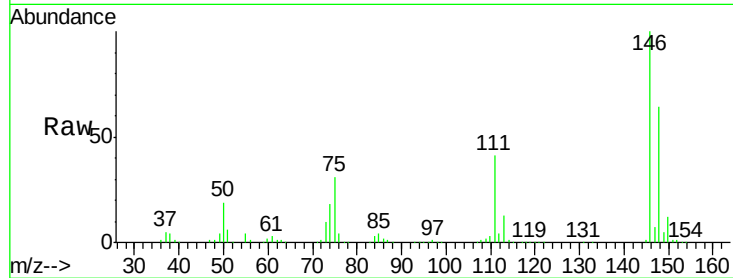




#13
 1,4-Dichlorobenzene
 Concen: 40.381 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

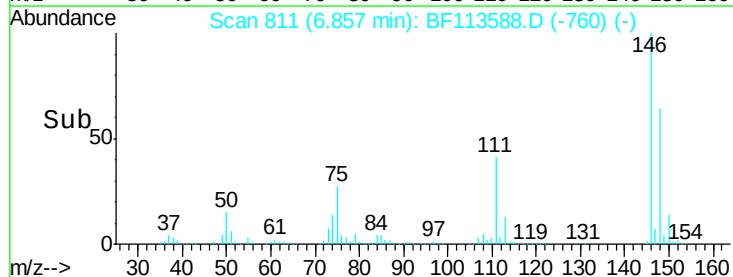
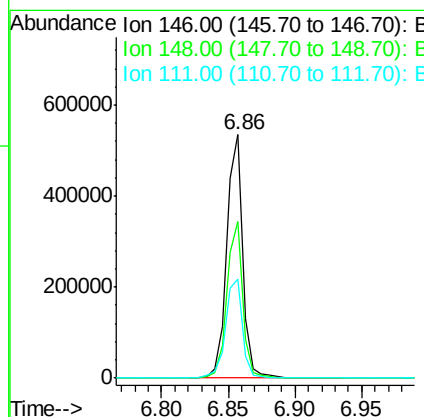
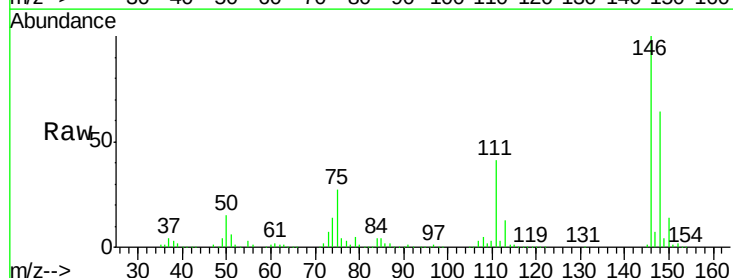
Instrument :
 BNA_F
 ClientSampleId :

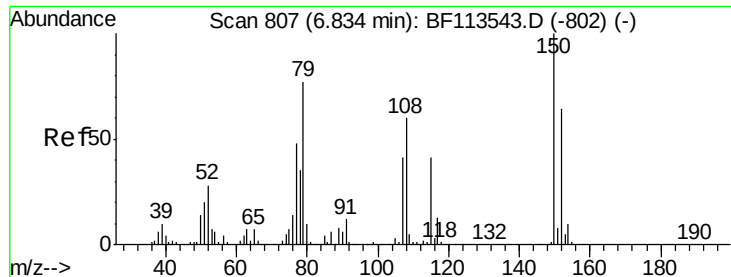
Tot Ion:146 Resp: 500288
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 41.0 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 40.403 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:146 Resp: 451826
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.2 75.4
 111 40.7 35.4 53.2





#15

Benzyl Alcohol

Concen: 42.093 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

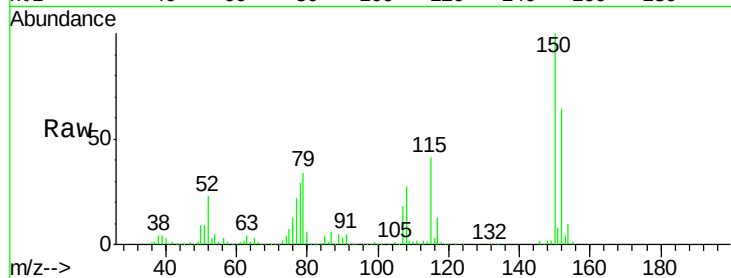
Tot Ion: 79 Resp: 345160

Ion Ratio Lower Upper

79 100

108 79.9 62.0 93.0

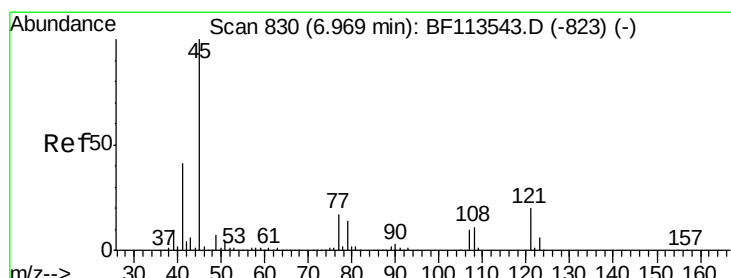
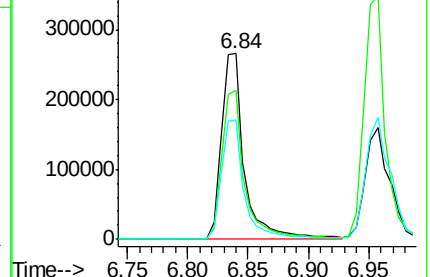
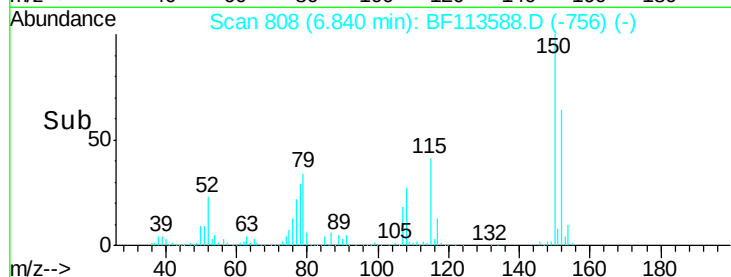
77 64.4 49.9 74.9



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: 40.423 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

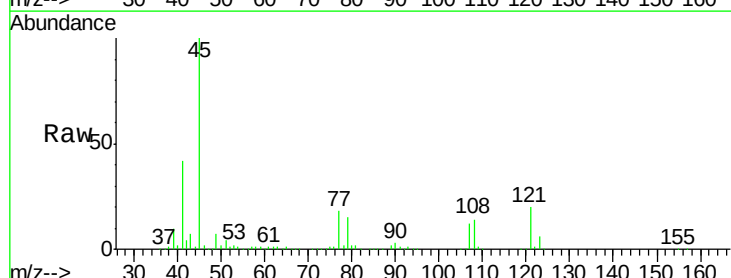
Tgt Ion: 45 Resp: 677916

Ion Ratio Lower Upper

45 100

77 17.9 0.0 36.6

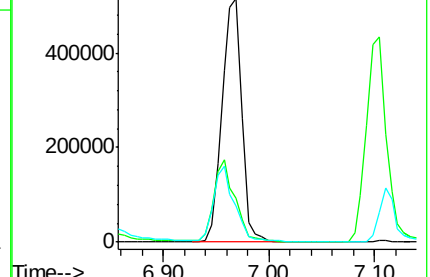
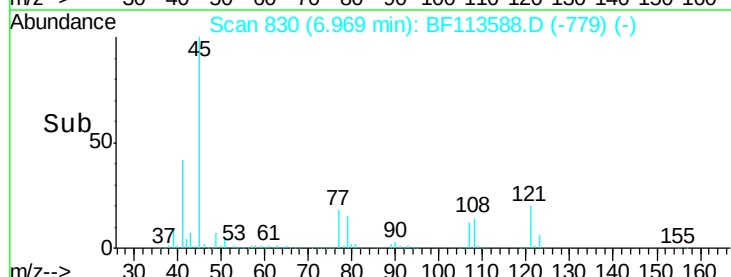
79 15.1 0.0 34.0

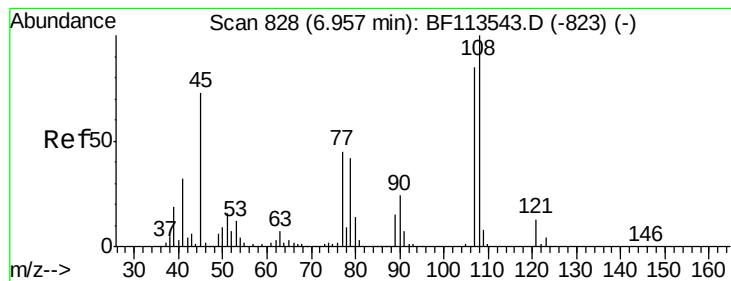


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.017 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 361873

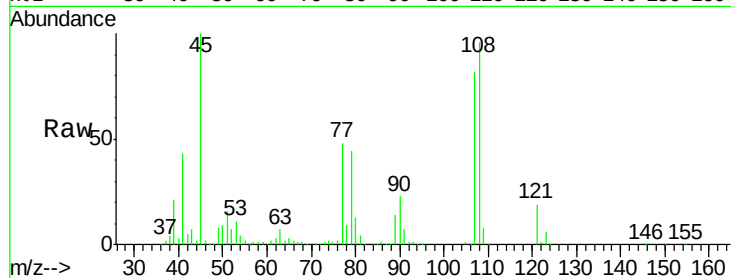
Ion Ratio Lower Upper

107 100

108 115.9 93.4 140.0

77 57.8 41.2 61.8

79 53.3 40.1 60.1

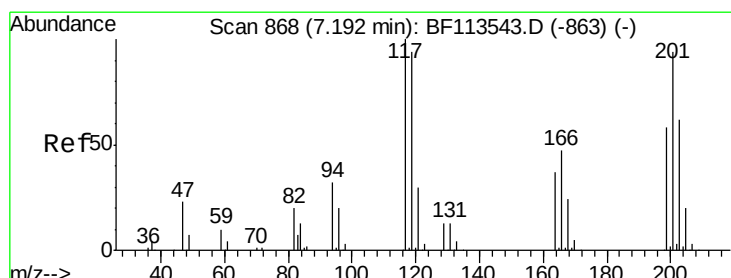
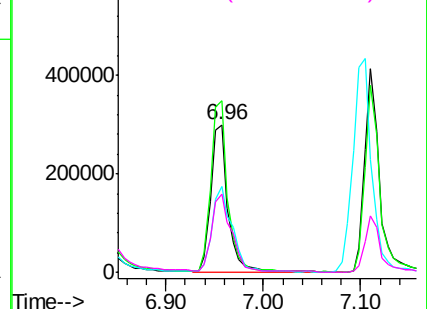
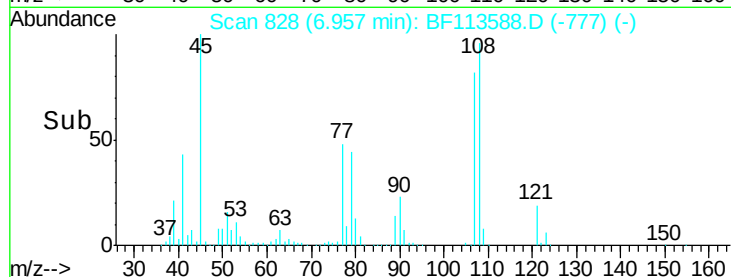


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.399 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

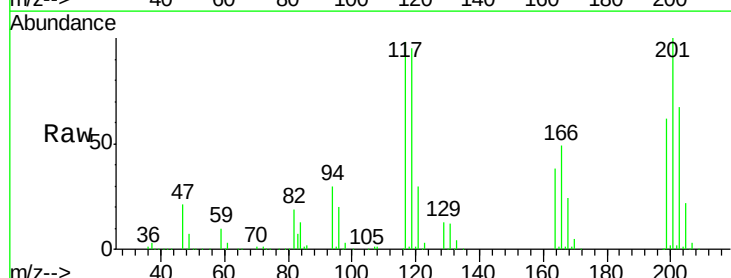
Tgt Ion:117 Resp: 182177

Ion Ratio Lower Upper

117 100

119 97.4 76.9 115.3

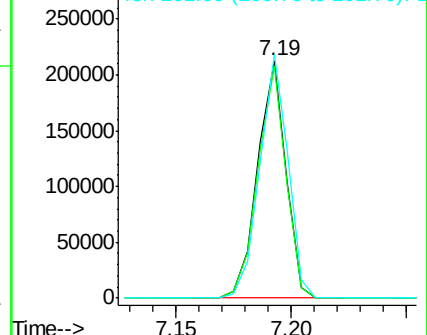
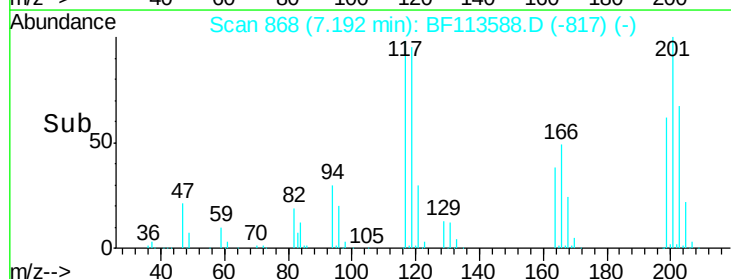
201 102.4 78.7 118.1

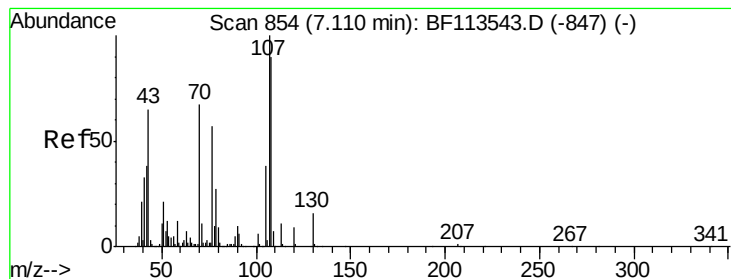


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.854 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 305518

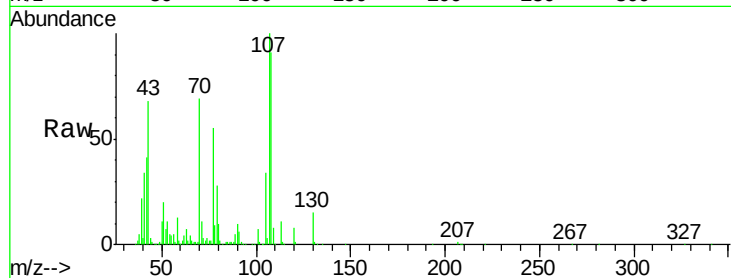
Ion Ratio Lower Upper

70 100

42 59.4 48.4 72.6

101 9.5 7.8 11.8

130 21.8 18.2 27.4

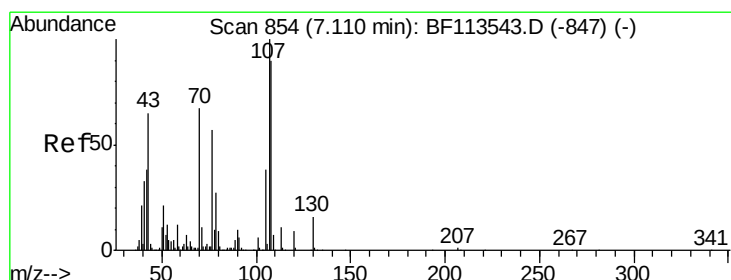
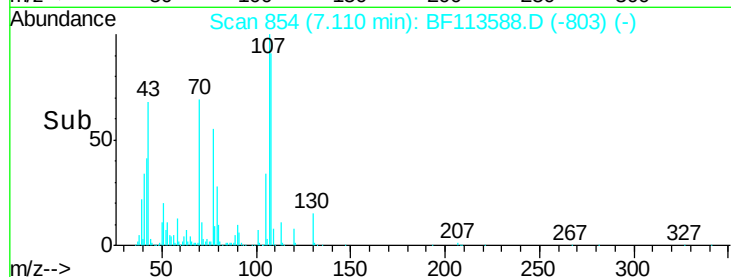
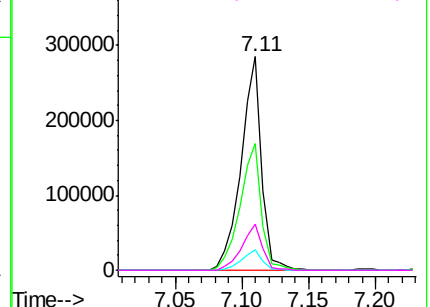


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.684 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Tgt Ion: 107 Resp: 445594

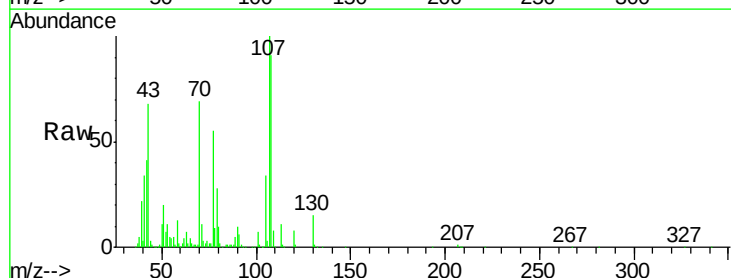
Ion Ratio Lower Upper

107 100

108 91.5 71.4 111.4

77 55.1 33.5 73.5

79 27.8 8.3 48.3

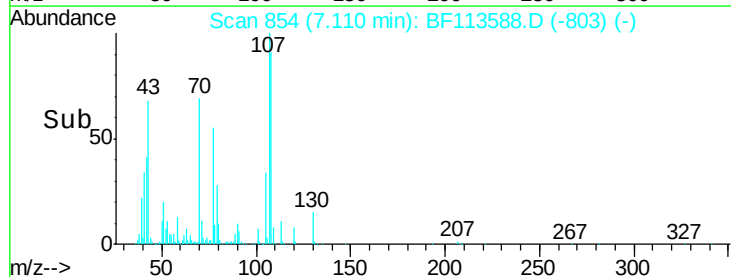
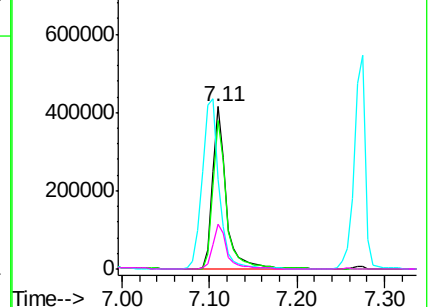


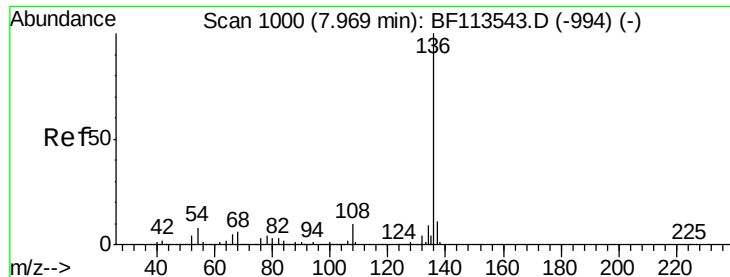
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 669389

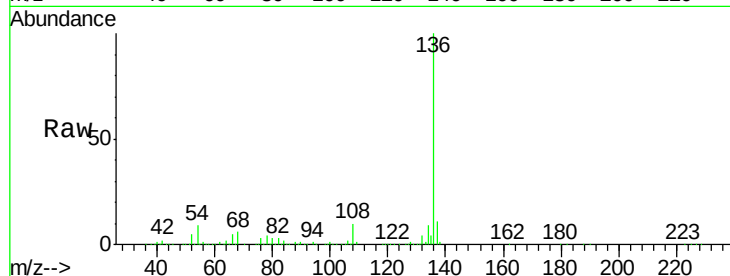
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.5 7.0 10.6

68 6.2 4.8 7.2

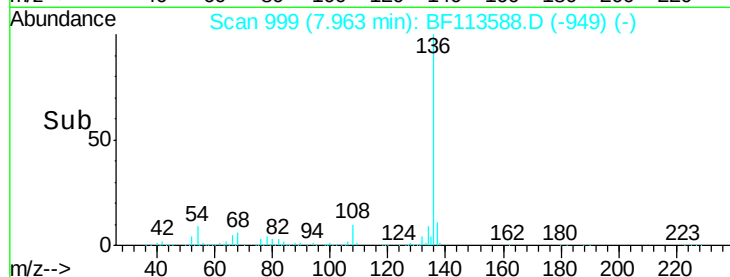


Abundance Ion 136.00 (135.70 to 136.70): E

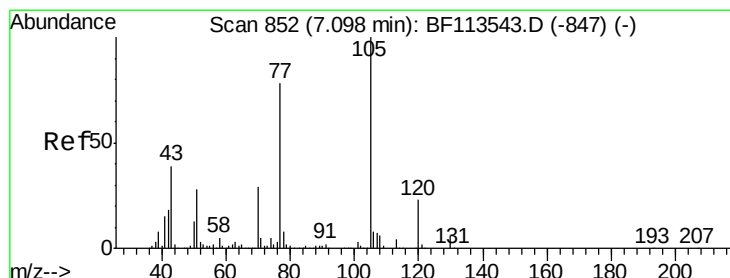
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.384 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Tgt Ion:105 Resp: 593728

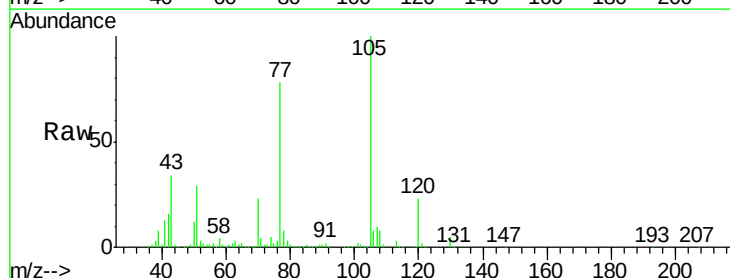
Ion Ratio Lower Upper

105 100

71 4.0 3.3 4.9

51 28.6 24.2 36.2

120 23.2 18.1 27.1

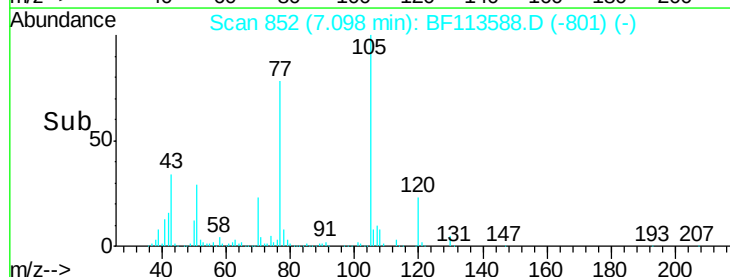


Abundance Ion 105.00 (104.70 to 105.70): E

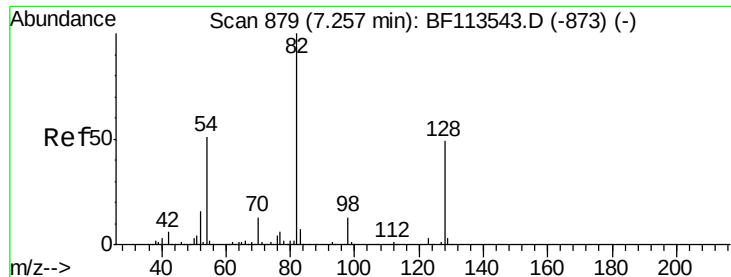
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



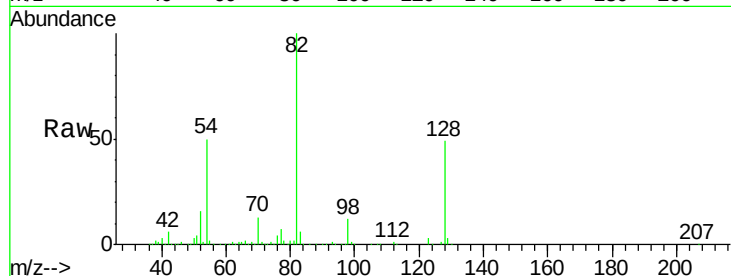
Time-->



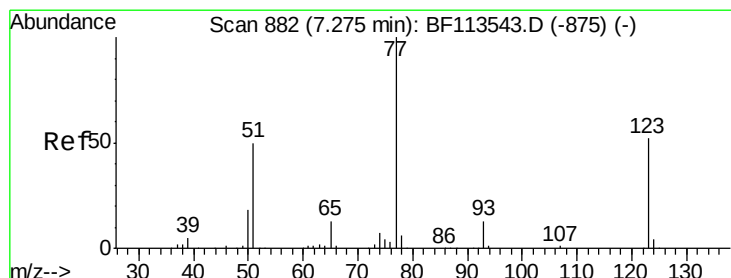
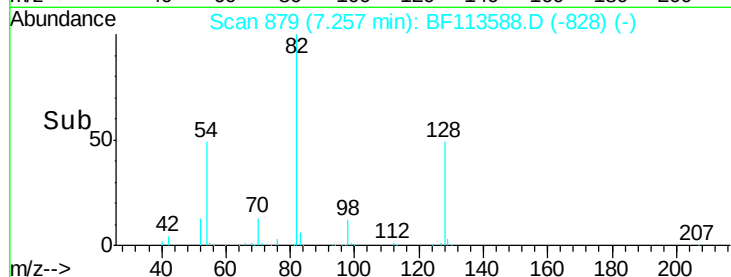
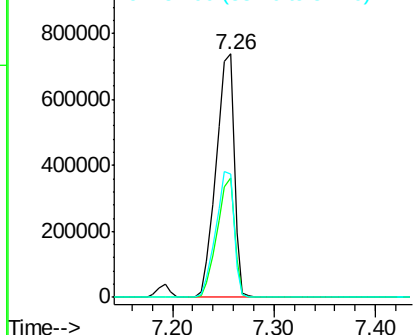
#23
Nitrobenzene-d5
Concen: 80.686 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 922066
Ion Ratio Lower Upper
82 100
128 49.0 36.5 54.7
54 50.4 42.2 63.2

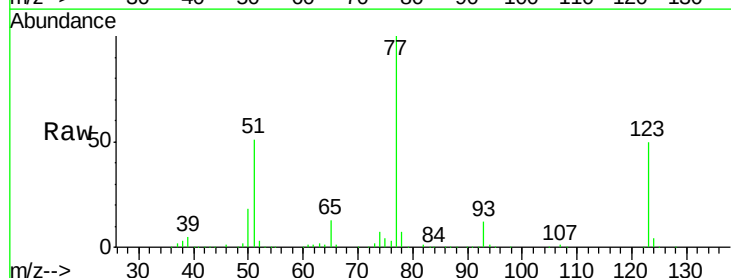


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

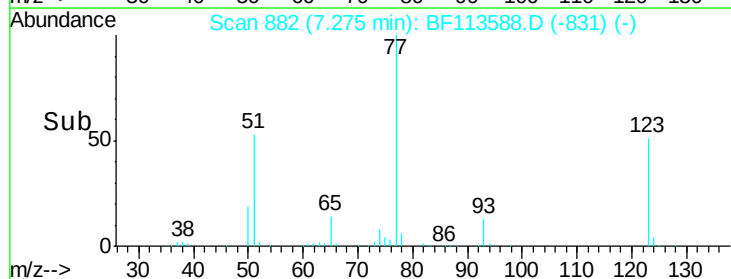
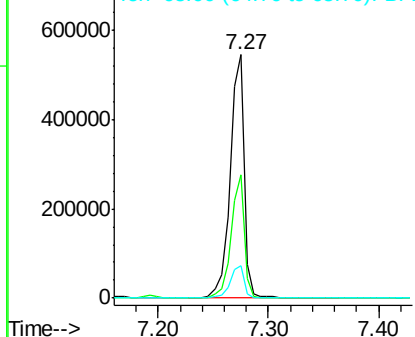


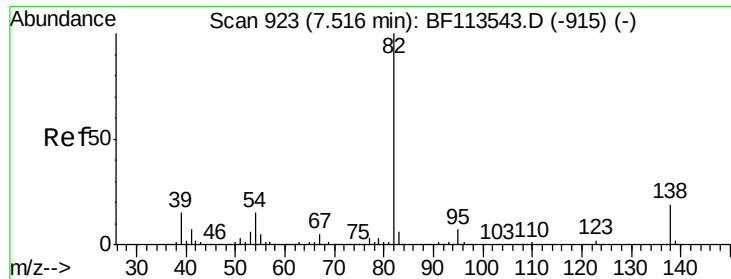
#24
Nitrobenzene
Concen: 41.265 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion: 77 Resp: 485639
Ion Ratio Lower Upper
77 100
123 50.5 40.8 61.2
65 13.1 10.6 16.0



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





#25

Isophorone

Concen: 41.122 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

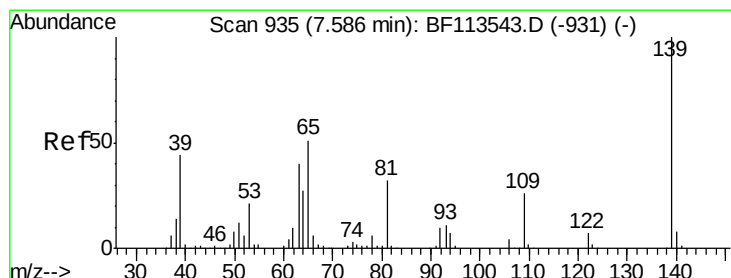
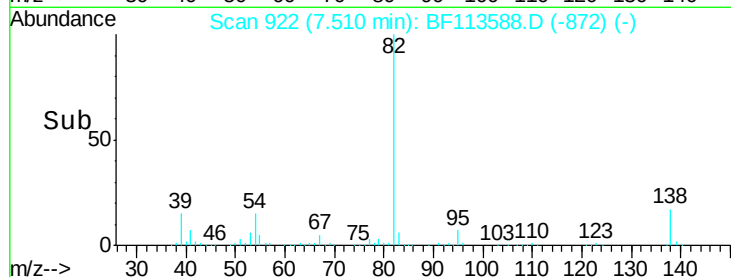
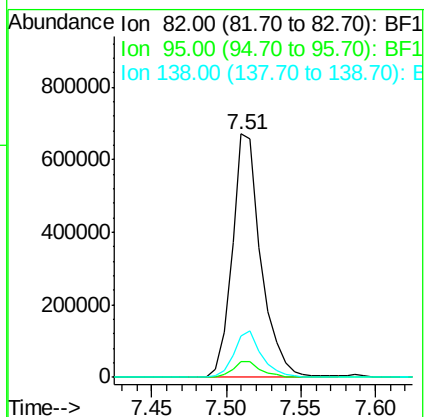
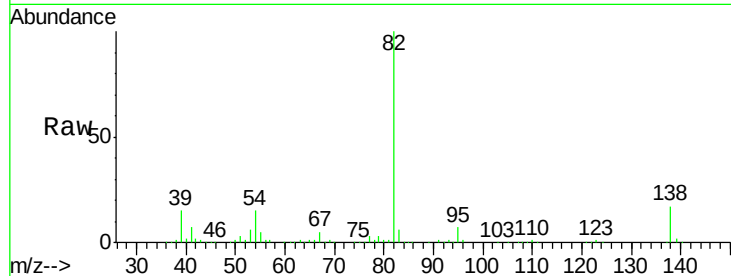
Tot Ion: 82 Resp: 905268

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.2 15.2 22.8



#26

2-Nitrophenol

Concen: 41.403 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

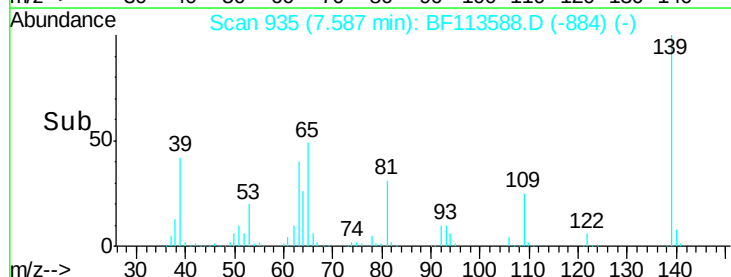
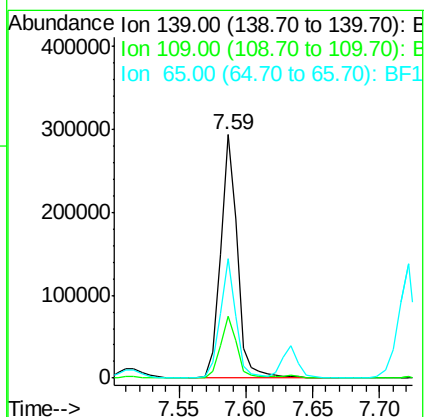
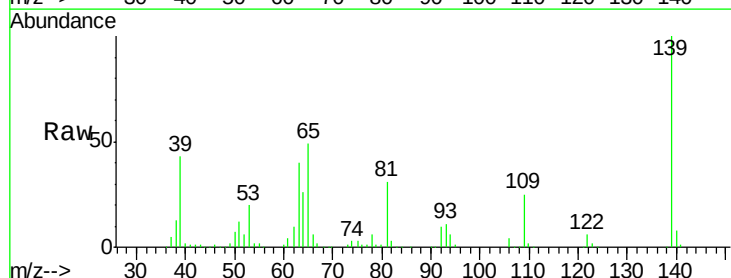
Tgt Ion: 139 Resp: 262246

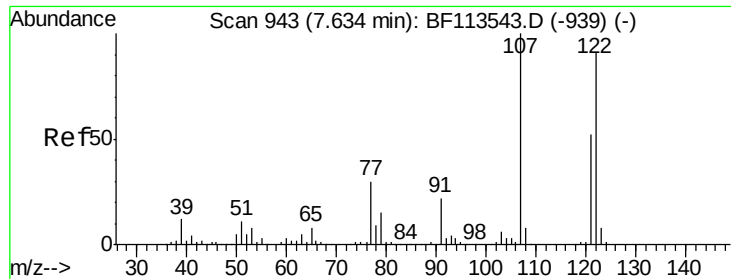
Ion Ratio Lower Upper

139 100

109 25.3 21.7 32.5

65 49.1 41.6 62.4

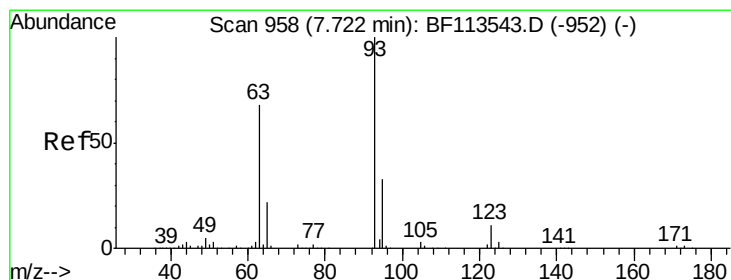
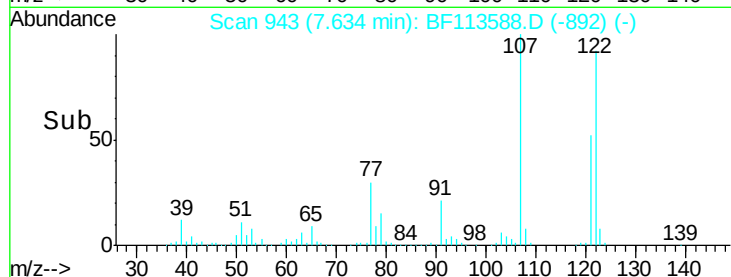
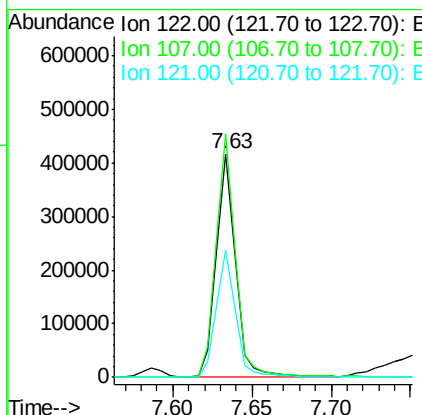
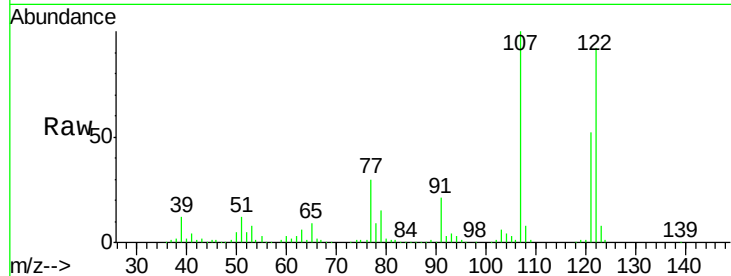




#27
 2,4-Dimethylphenol
 Concen: 39.440 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

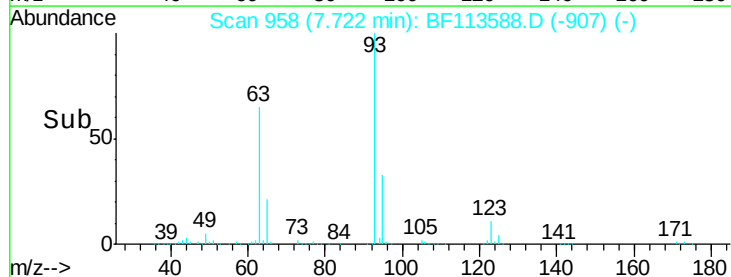
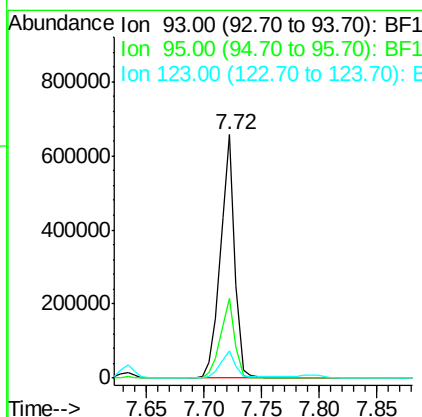
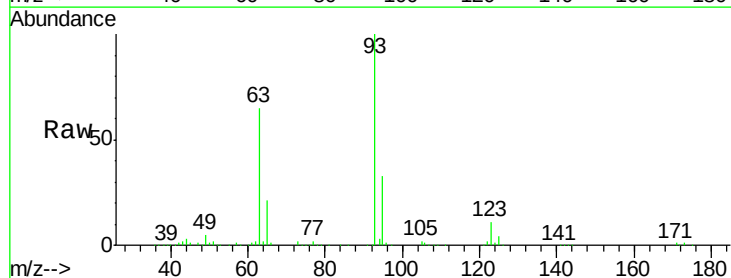
Instrument :
 BNA_F
 ClientSampled :

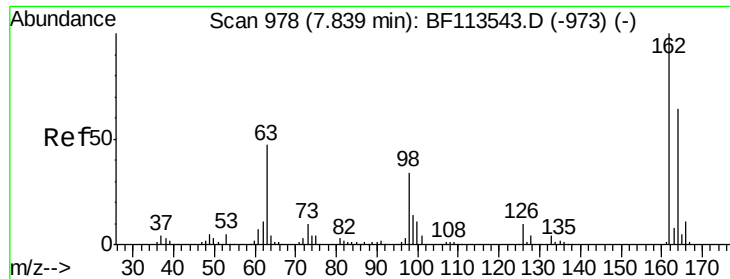
Tot Ion:122 Resp: 357134
 Ion Ratio Lower Upper
 122 100
 107 109.0 88.8 133.2
 121 57.0 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.545 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion: 93 Resp: 564306
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 11.4 9.1 13.7

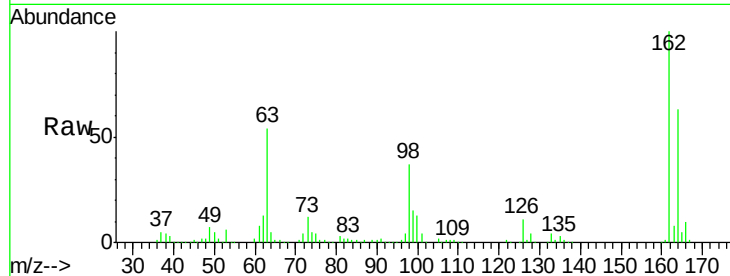




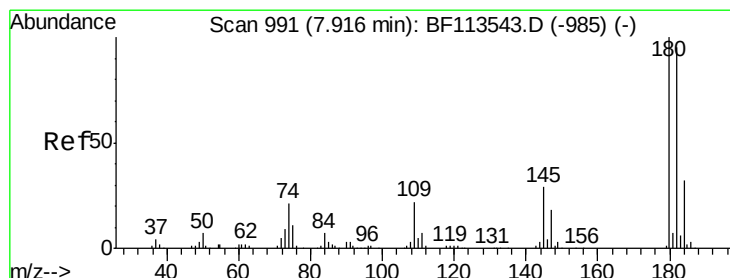
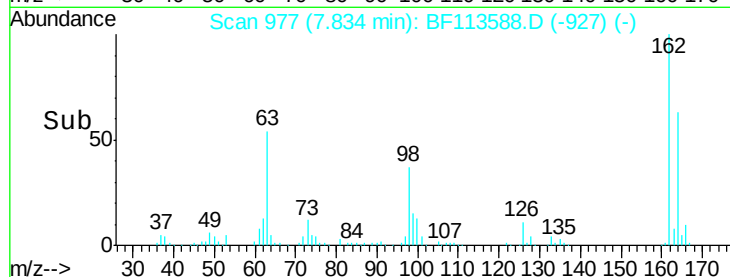
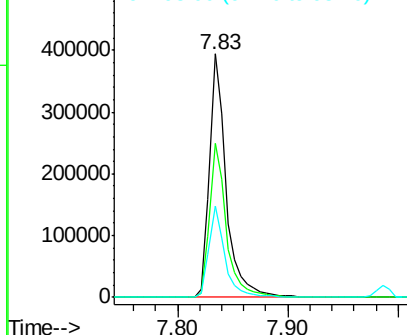
#29
2,4-Dichlorophenol
Concen: 41.694 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	37.5	15.6	55.6

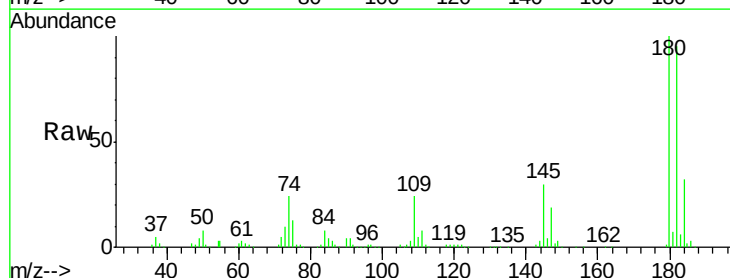


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

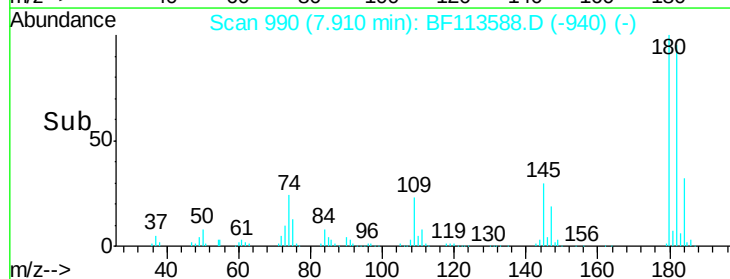
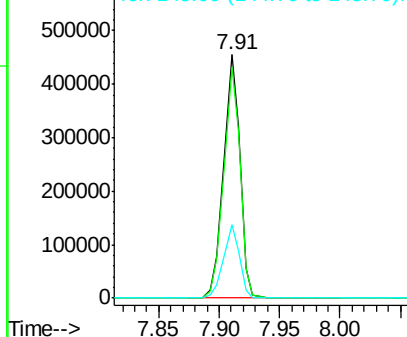


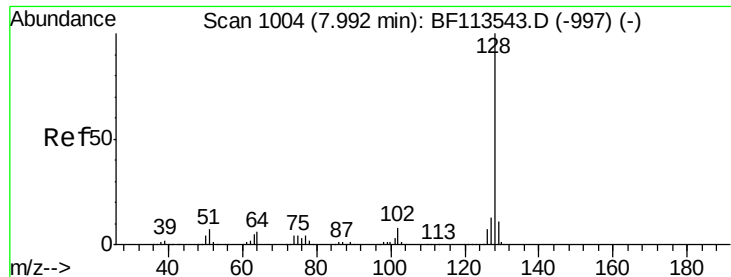
#30
1,2,4-Trichlorobenzene
Concen: 40.472 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.6	111.8
145	29.9	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

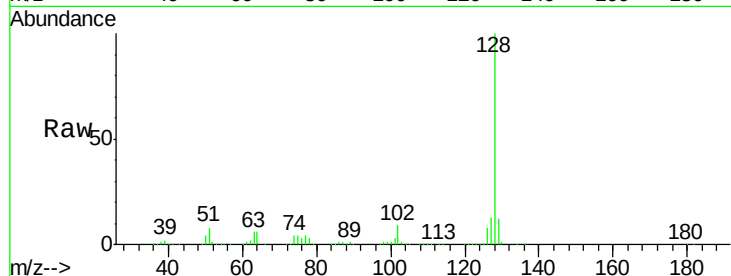




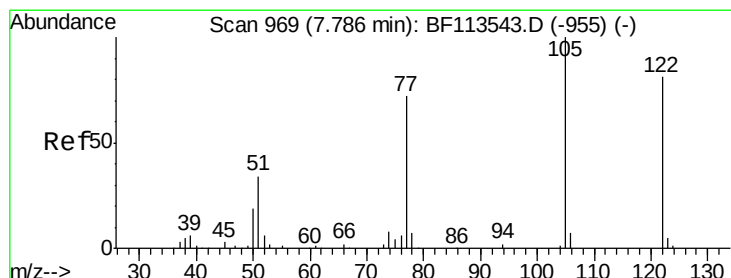
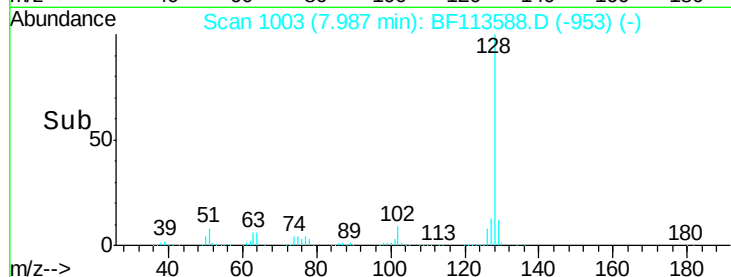
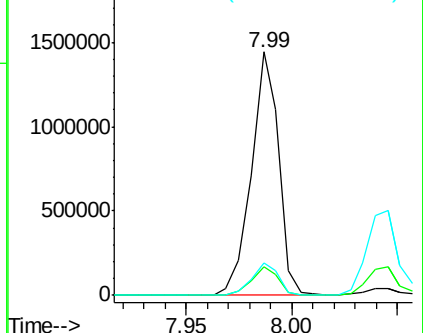
#31
Naphthalene
Concen: 40.149 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1302181
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 10.9 16.3

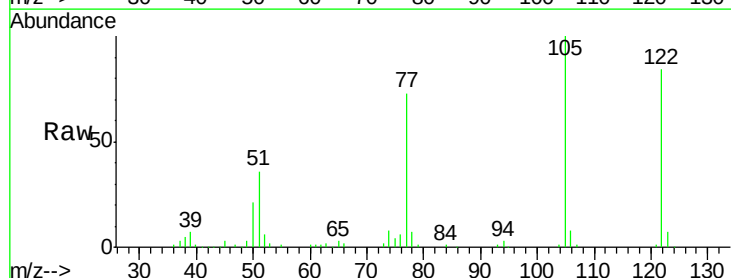


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

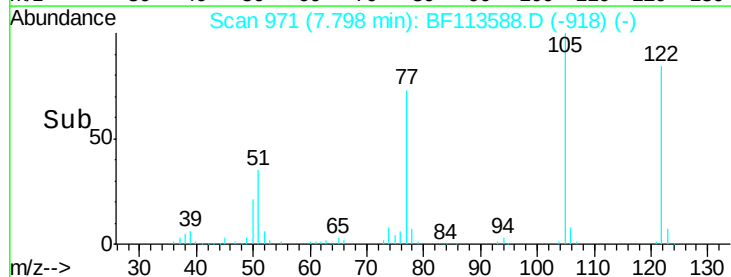
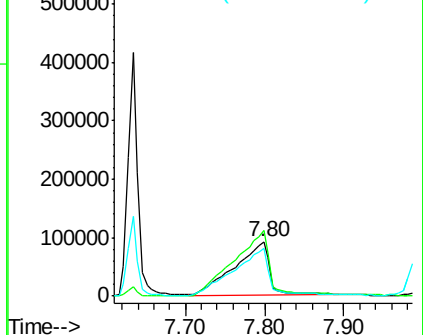


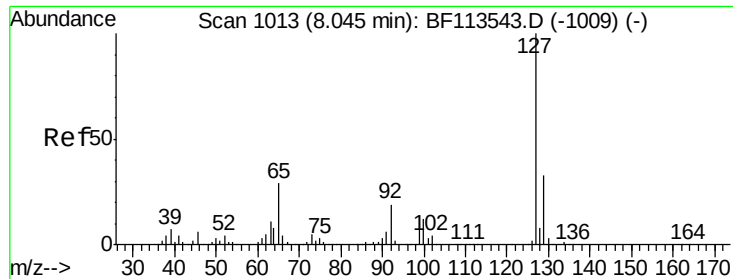
#32
Benzoic acid
Concen: 40.731 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:122 Resp: 285602
Ion Ratio Lower Upper
122 100
105 119.3 100.4 140.4
77 87.5 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

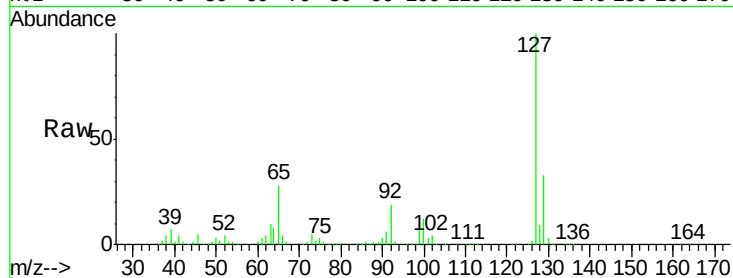




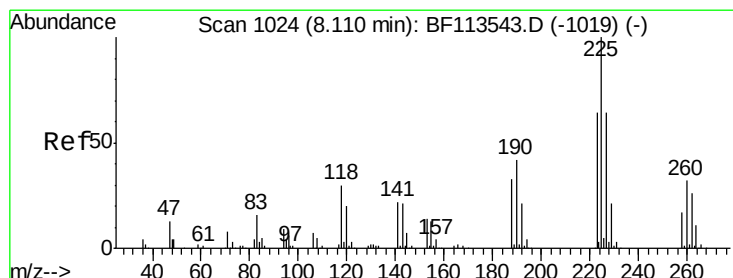
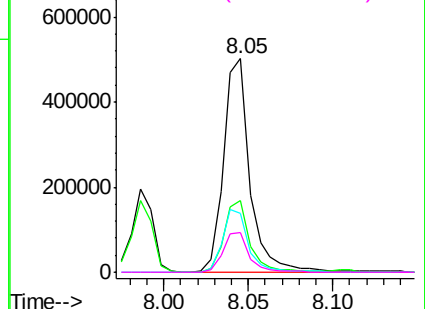
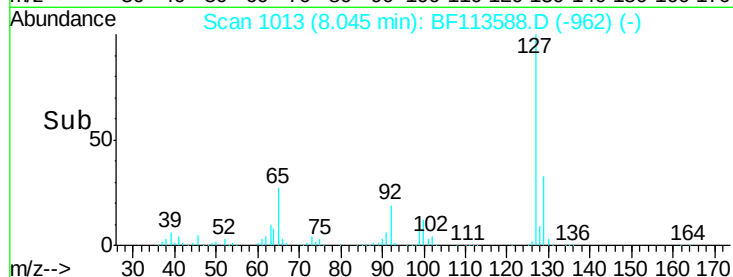
#33
4-Chloroaniline
Concen: 41.882 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	538626
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	27.8	24.2	36.4
92	18.6	15.0	22.6

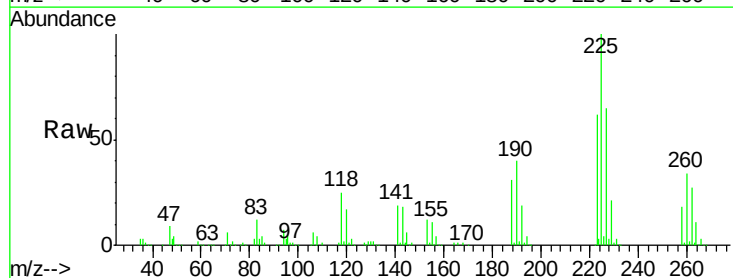


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

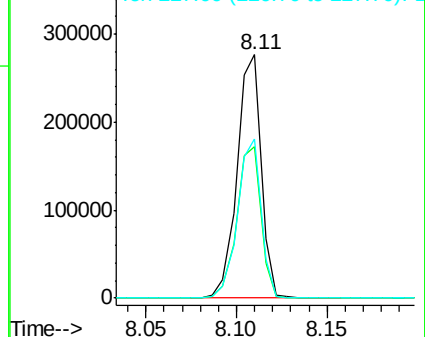
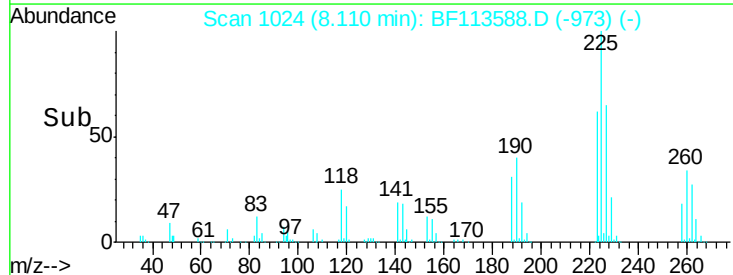


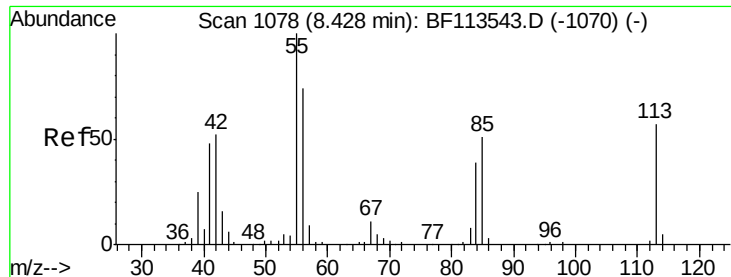
#34
Hexachlorobutadiene
Concen: 39.965 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:	225	Resp:	256354
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.2
227	65.3	51.1	76.7



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

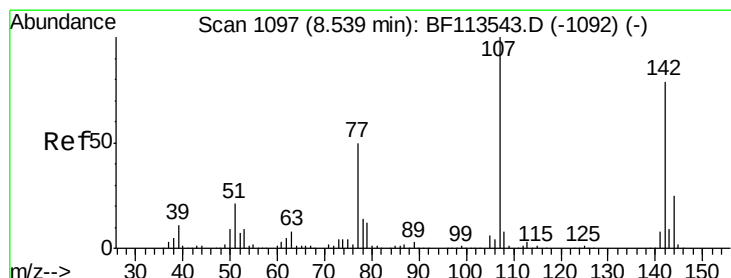
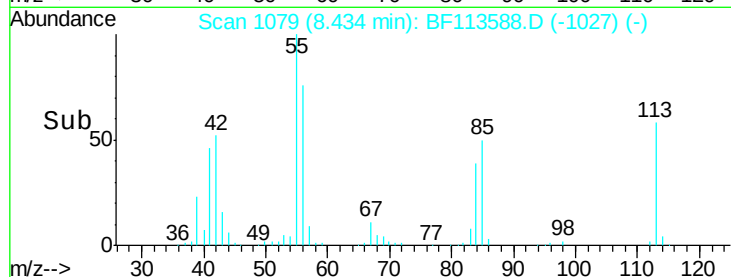
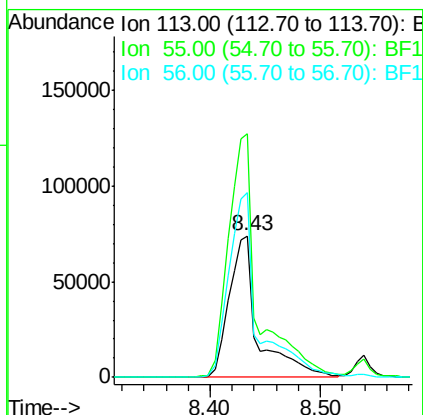
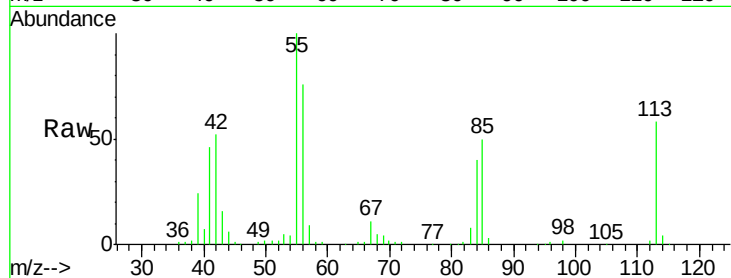




#35
 Caprolactam
 Concen: 44.387 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

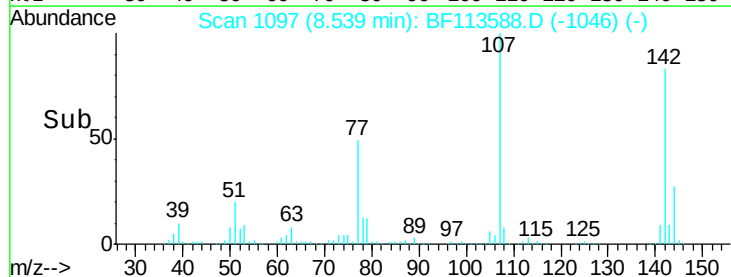
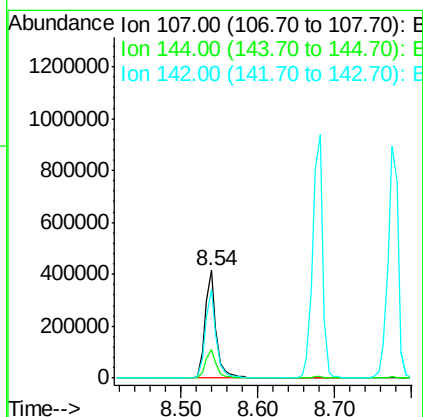
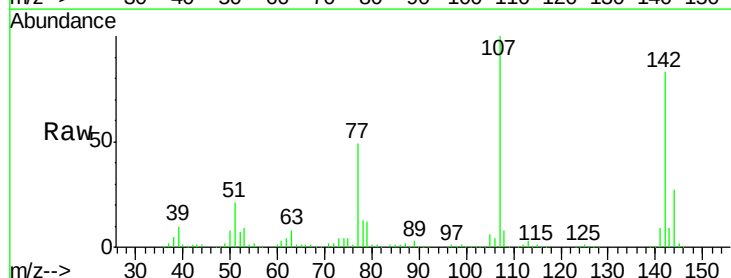
Instrument :
 BNA_F
 ClientSampleId :

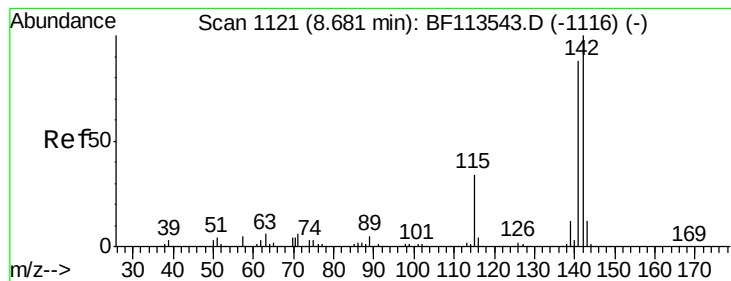
Tot Ion:113 Resp: 136512
 Ion Ratio Lower Upper
 113 100
 55 172.0 152.7 192.7
 56 130.2 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.140 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:107 Resp: 409842
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.4 32.0
 142 82.8 65.6 98.4

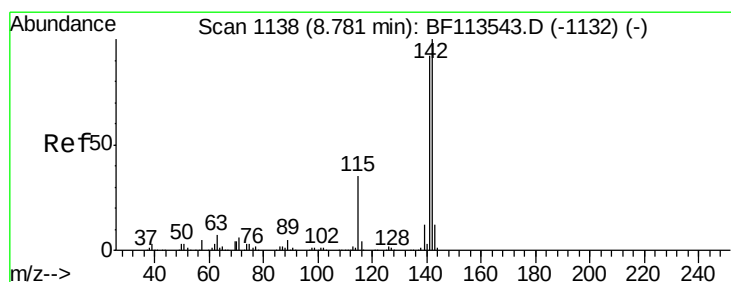
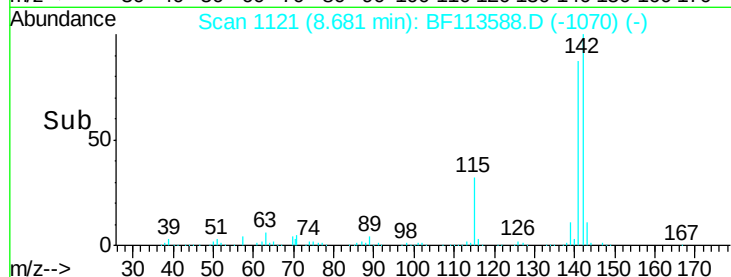
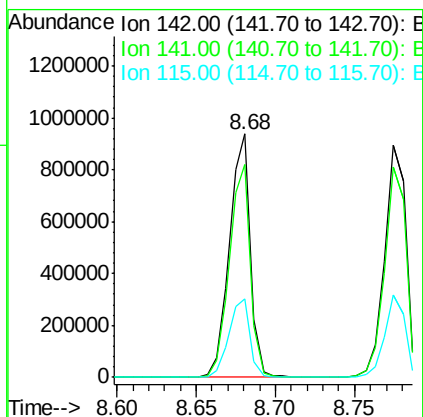
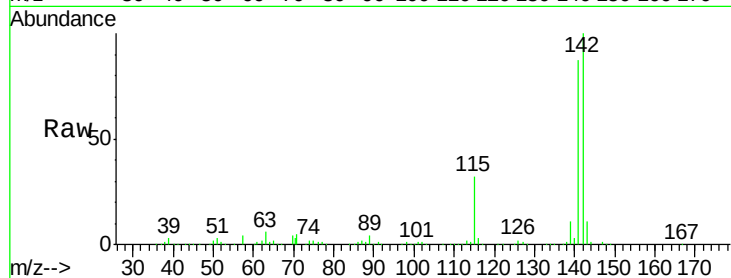




#37
2-Methylnaphthalene
Concen: 40.193 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

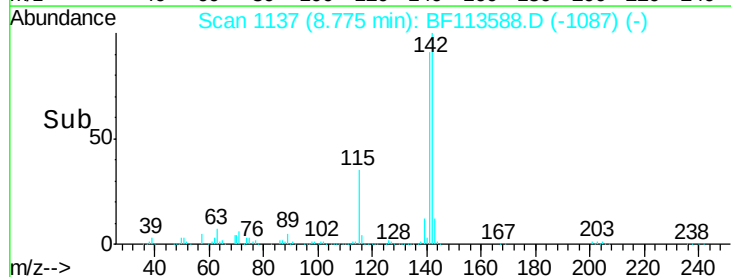
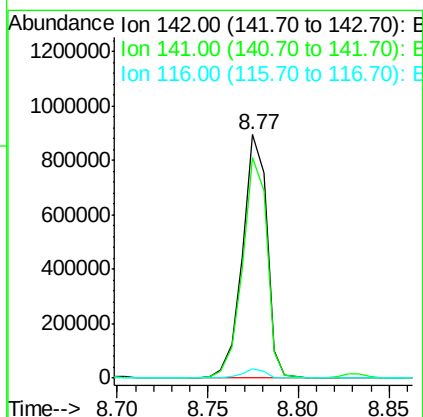
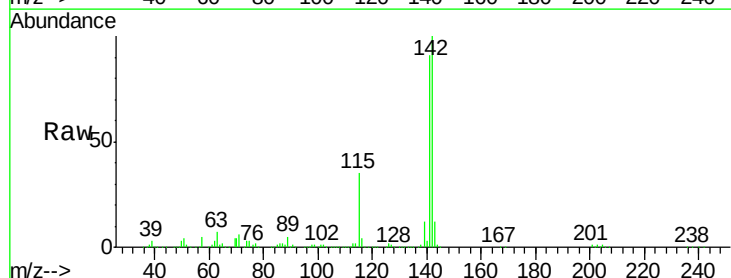
Instrument :
BNA_F
ClientSampleId :

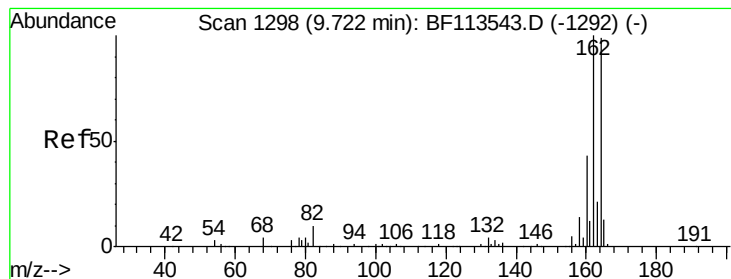
Tot Ion:142 Resp: 857378
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.6
115 32.0 26.6 39.8



#38
1-Methylnaphthalene
Concen: 40.495 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:142 Resp: 832932
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

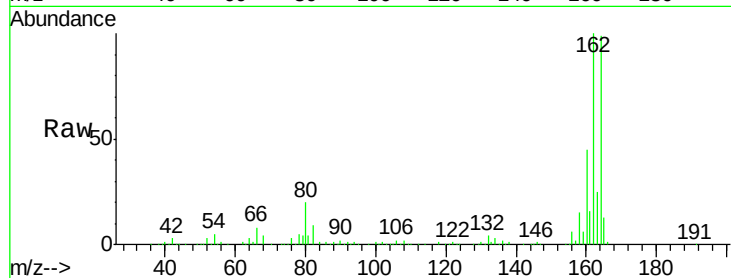
Tot Ion:164 Resp: 329908

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

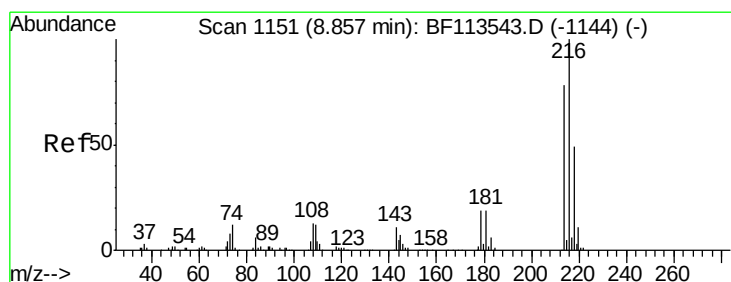
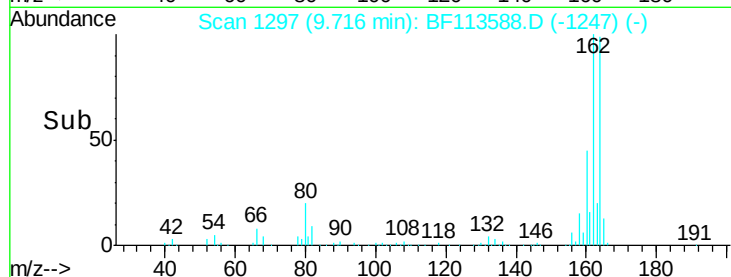
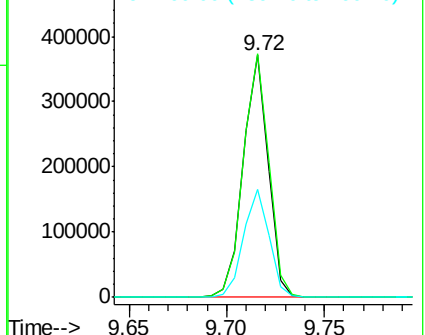
160 44.9 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.813 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Tgt Ion:216 Resp: 424788

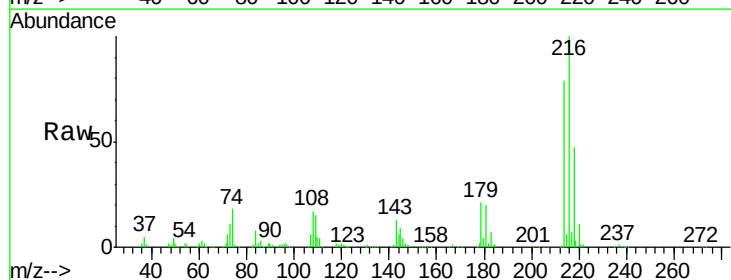
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 20.0 16.8 25.2

108 16.5 13.8 20.6

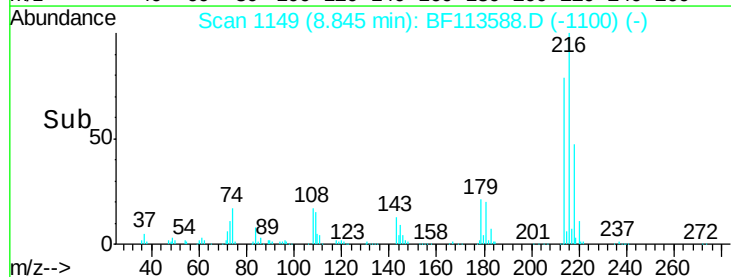
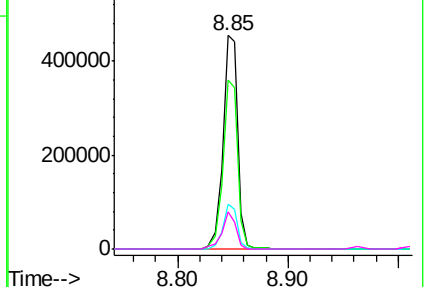


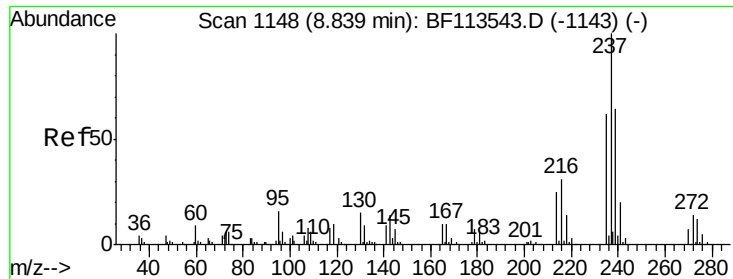
Abundance Ion 216.00 (215.70 to 216.70): E

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

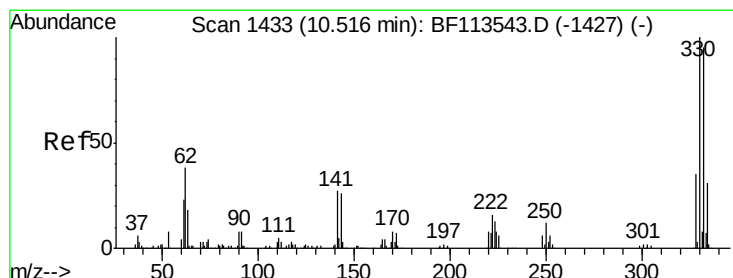
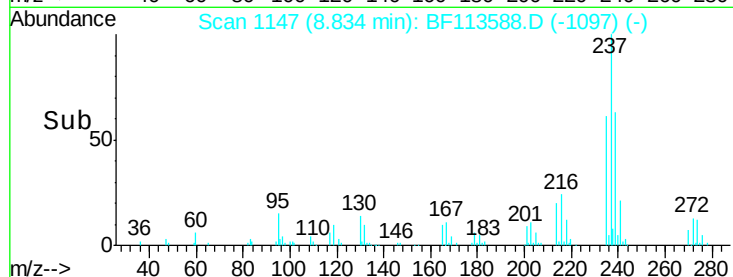
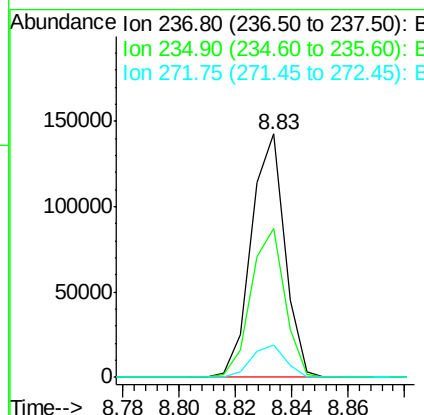
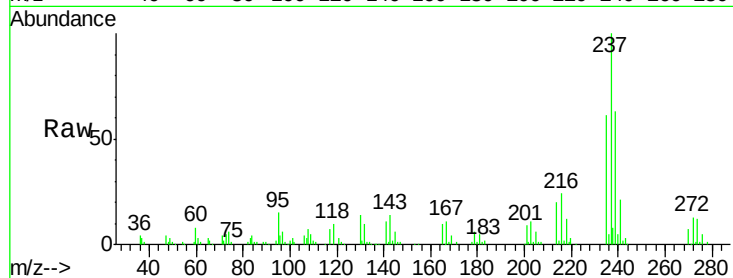




#41
Hexachlorocyclopentadiene
Concen: 39.555 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

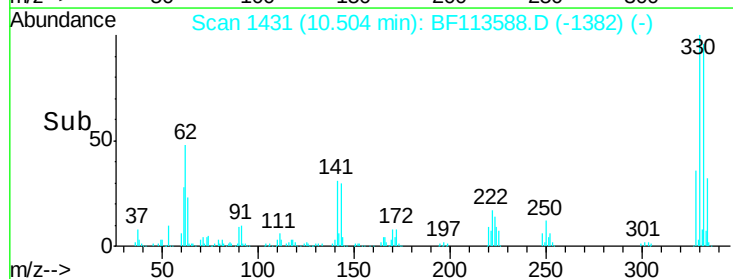
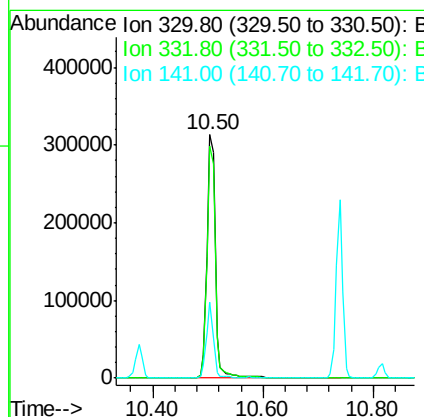
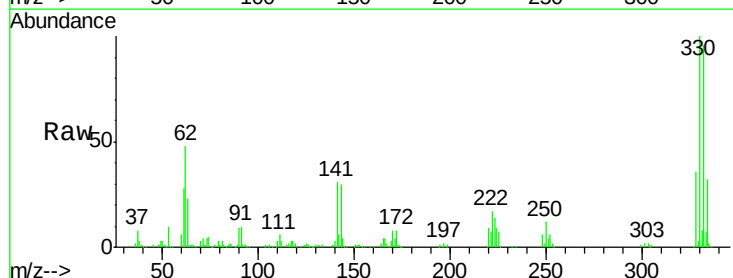
Instrument :
BNA_F
ClientSampleId :

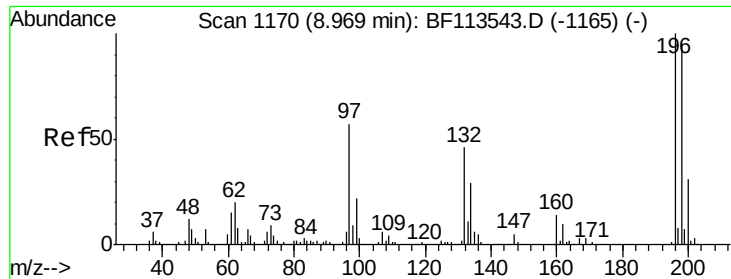
Tot Ion:	237	Resp:	117367
Ion Ratio	Lower	Upper	
237	100		
235	61.2	43.4	83.4
272	13.3	0.0	33.7



#42
2,4,6-Tribromophenol
Concen: 82.362 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:	330	Resp:	326399
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.8	116.6
141	26.5	22.7	34.1

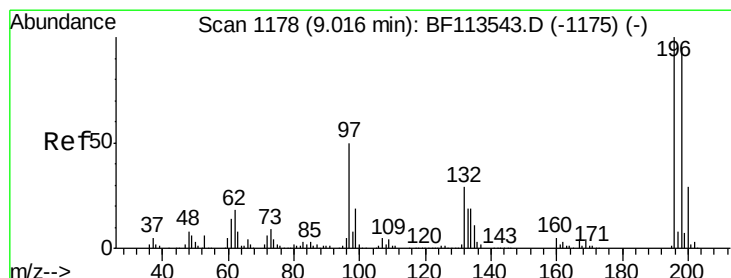
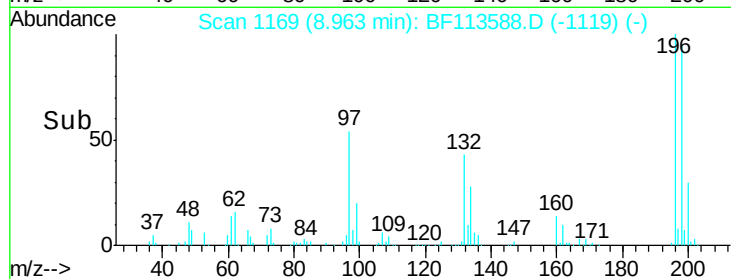
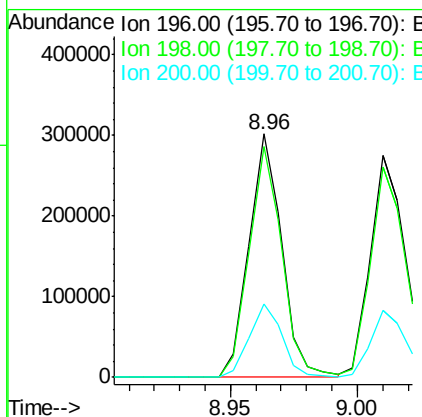
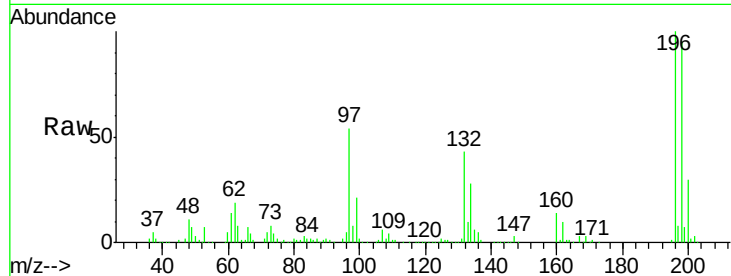




#43
 2,4,6-Trichlorophenol
 Concen: 40.602 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

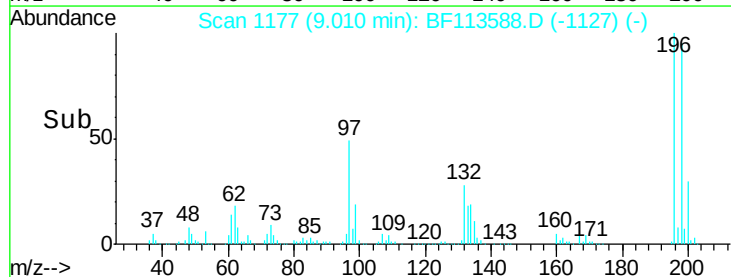
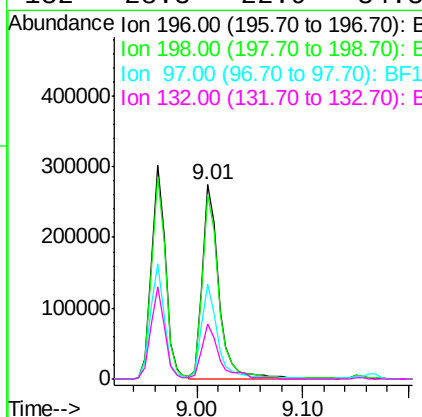
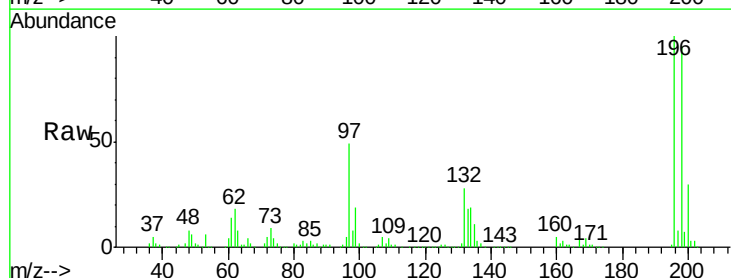
Instrument :
 BNA_F
 ClientSampleId :

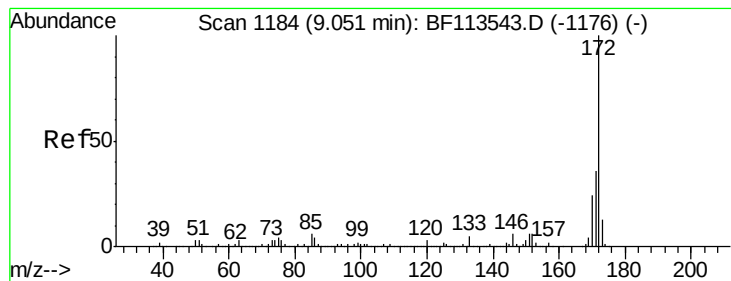
Tot Ion:196 Resp: 273452
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.7 116.5
 200 30.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.938 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:196 Resp: 296004
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.4 113.2
 97 48.9 38.6 58.0
 132 28.3 22.9 34.3

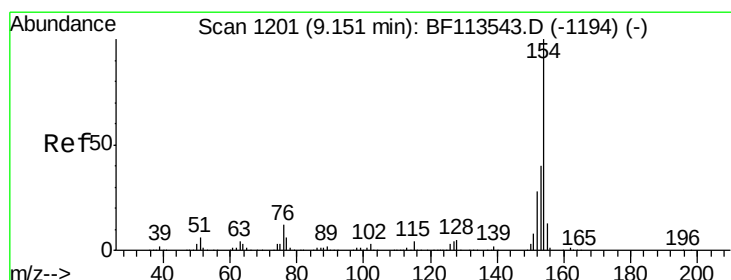
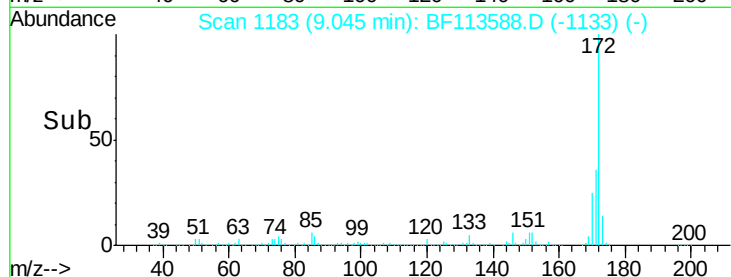
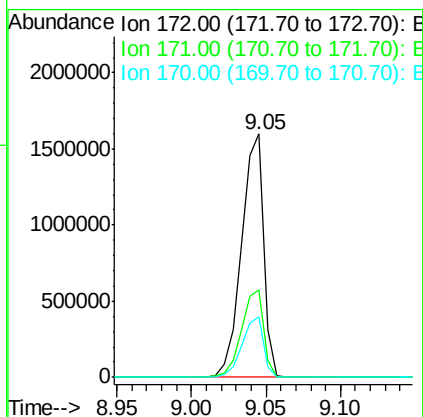
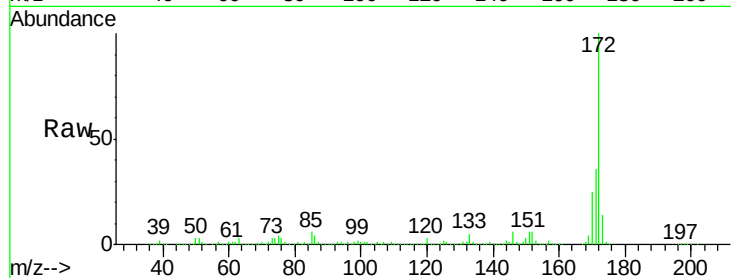




#45
2-Fluorobiphenyl
Concen: 80.164 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

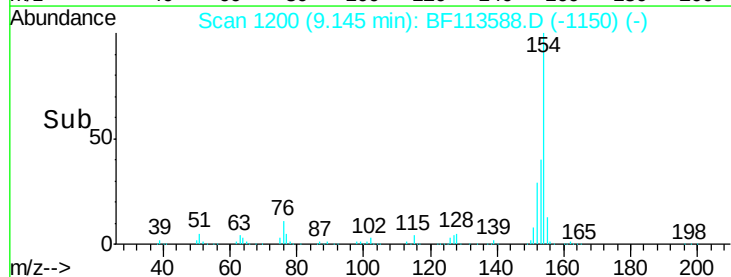
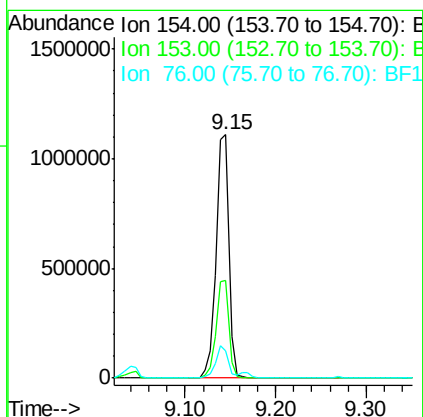
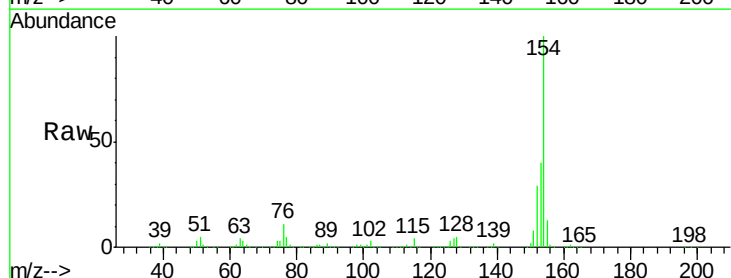
Instrument :
BNA_F
ClientSampleId :

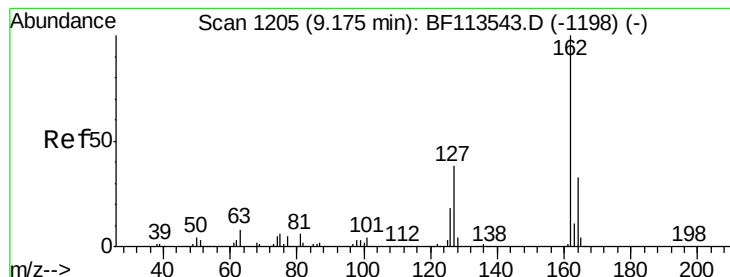
Tot Ion:172 Resp: 1642760
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 39.595 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:154 Resp: 1077912
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 11.1 0.0 31.9





#47

2-Chloronaphthalene

Concen: 40.138 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampled :

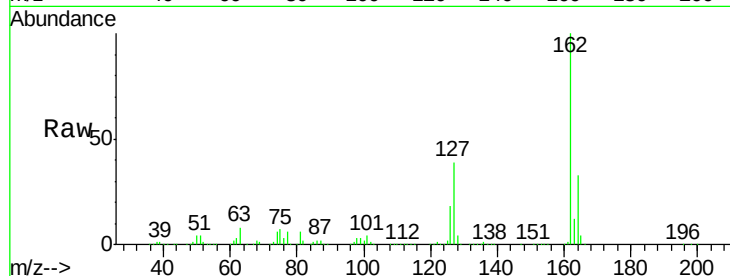
Tot Ion:162 Resp: 827327

Ion Ratio Lower Upper

162 100

127 39.1 32.6 49.0

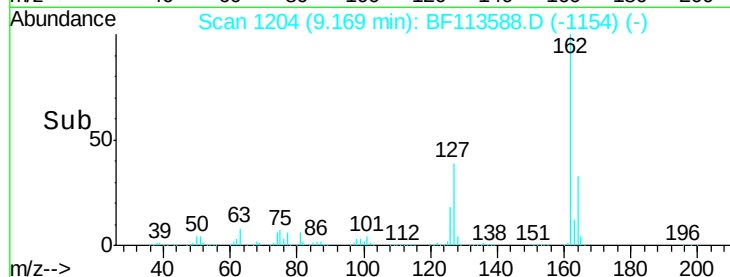
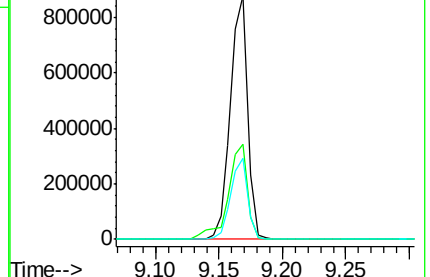
164 33.5 26.6 39.8



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: 41.938 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

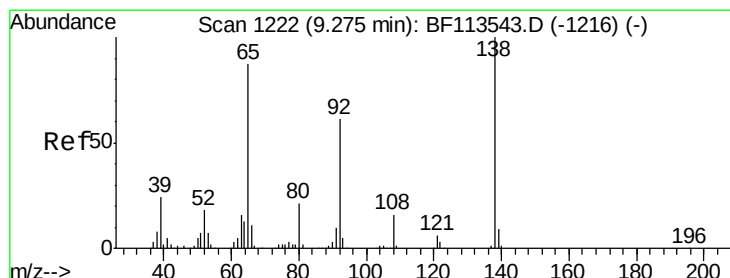
Tgt Ion: 65 Resp: 264507

Ion Ratio Lower Upper

65 100

92 71.1 56.8 85.2

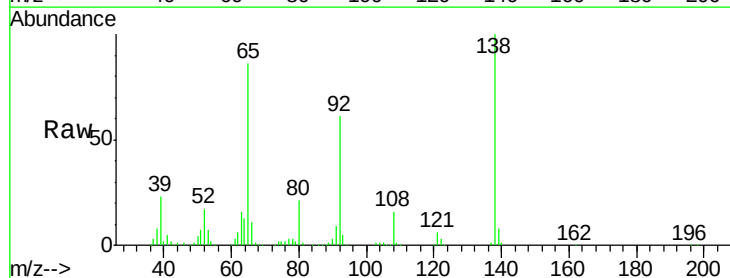
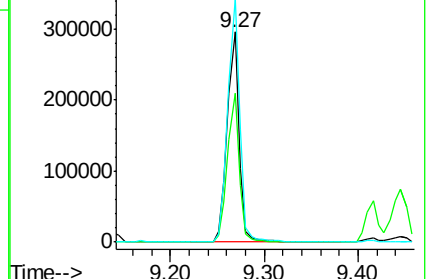
138 116.0 92.3 138.5

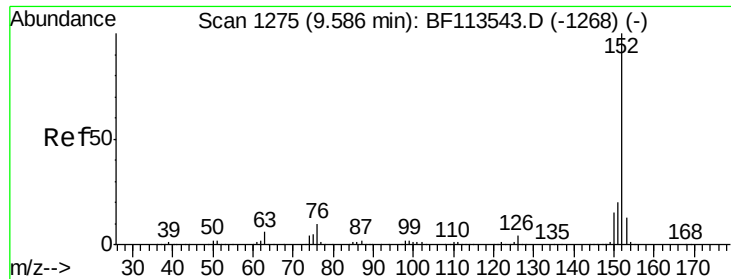


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.281 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

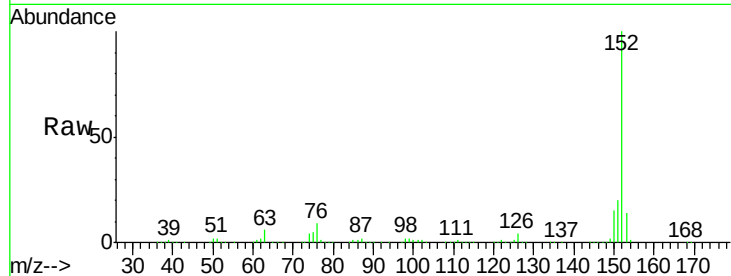
Tot Ion:152 Resp: 1316588

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

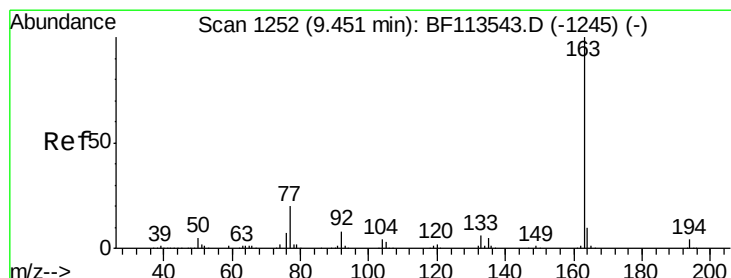
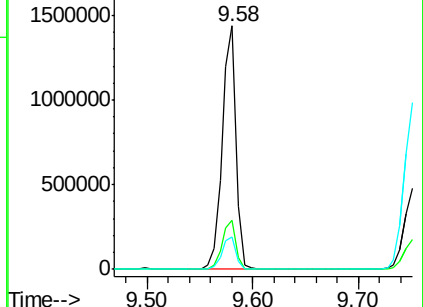
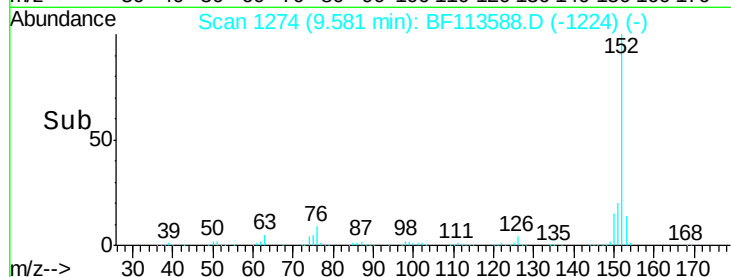
153 13.5 11.0 16.6



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: 40.159 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

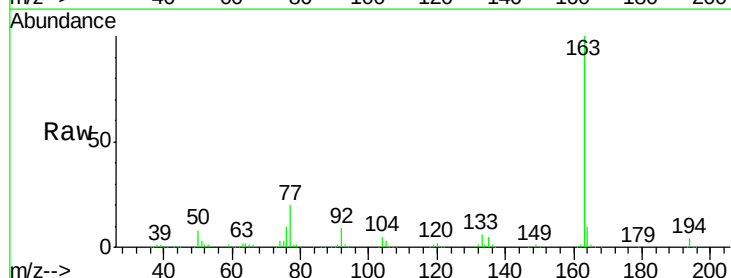
Tgt Ion:163 Resp: 976622

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

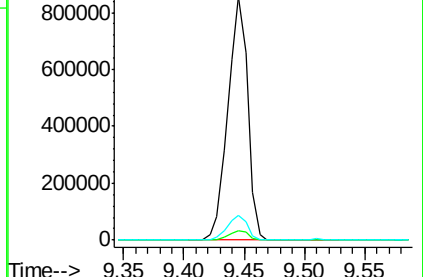
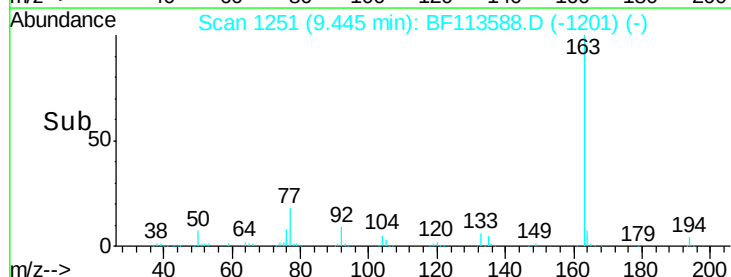
164 10.4 8.1 12.1

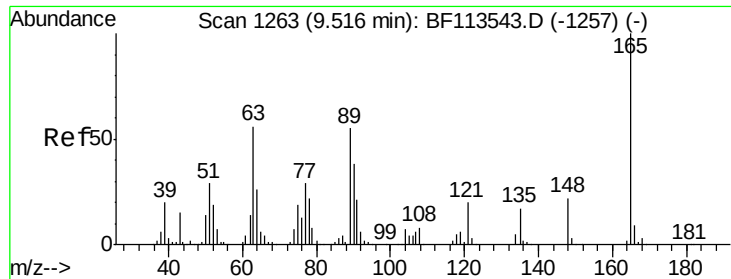


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

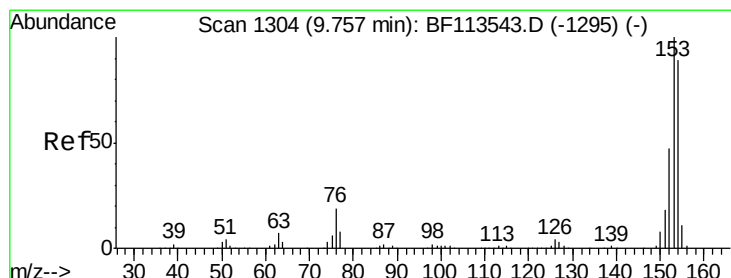
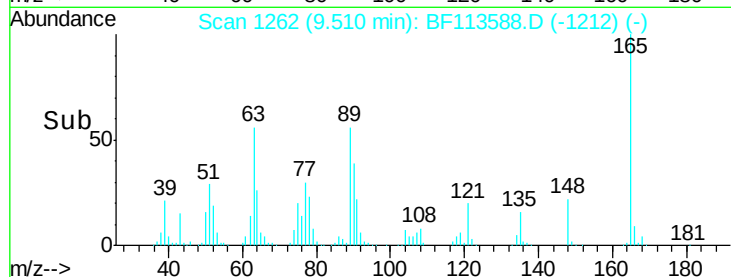
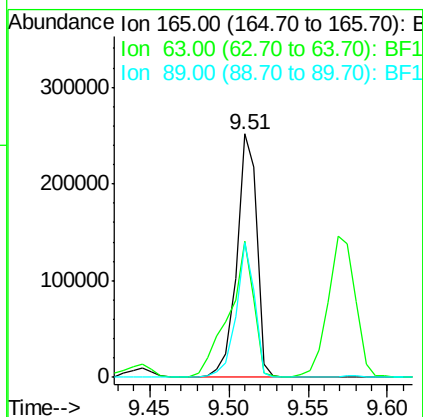
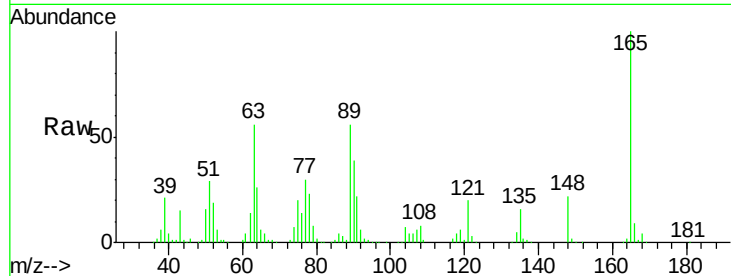




#51
 2,6-Dinitrotoluene
 Concen: 41.095 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

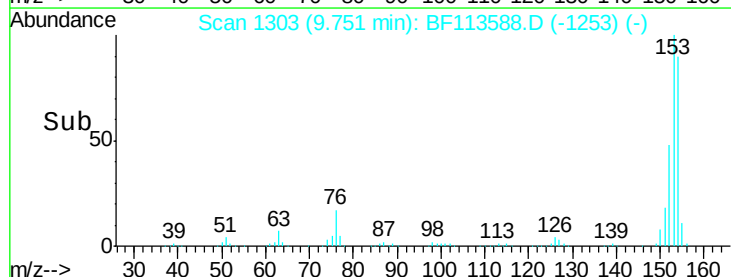
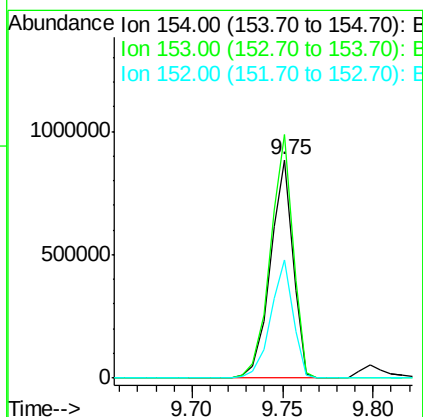
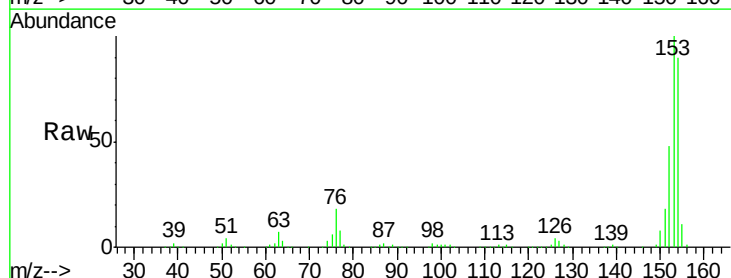
Instrument :
 BNA_F
 ClientSampled :

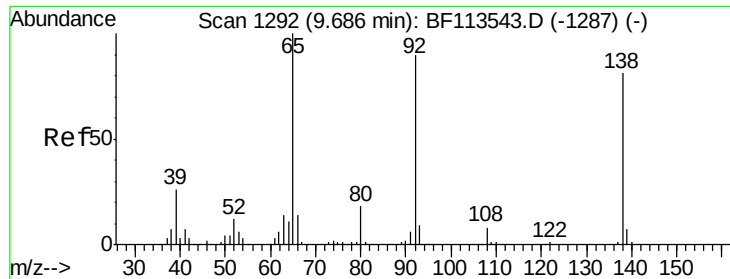
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	43.4	65.0
89	55.5	43.1	64.7



#52
 Acenaphthene
 Concen: 40.034 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.5	134.3
152	53.8	43.3	64.9

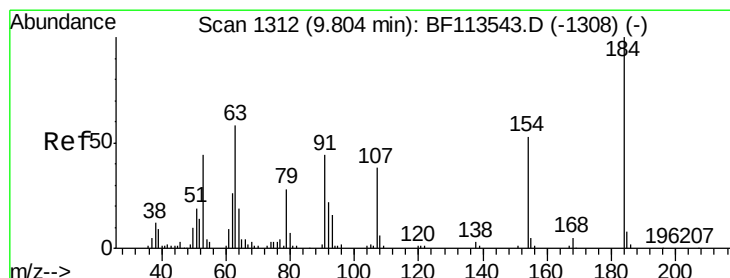
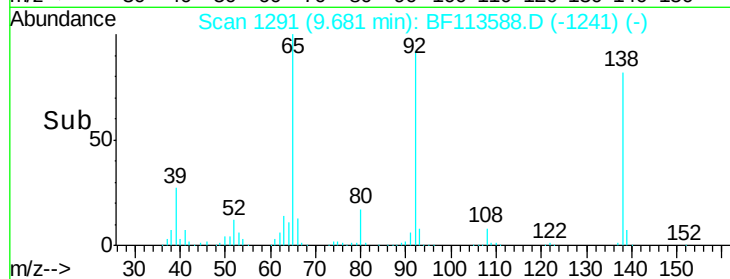
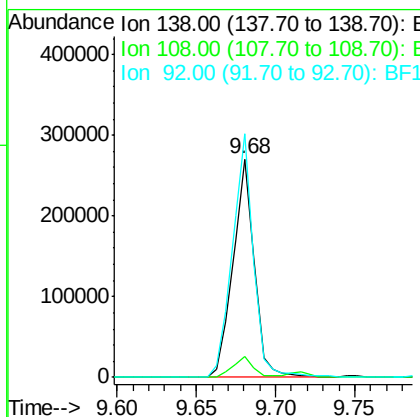
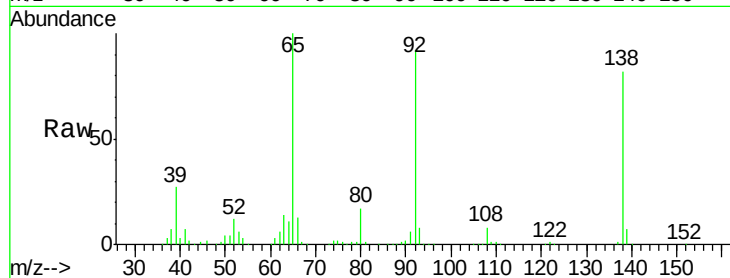




#53
 3-Nitroaniline
 Concen: 41.641 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

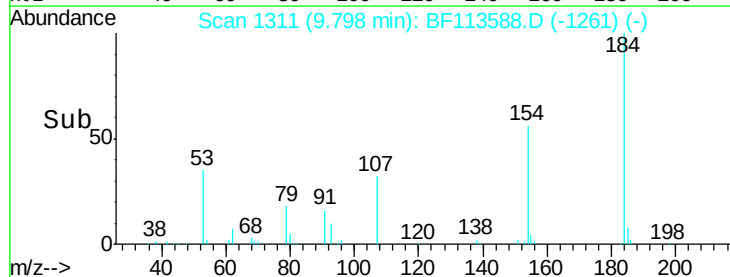
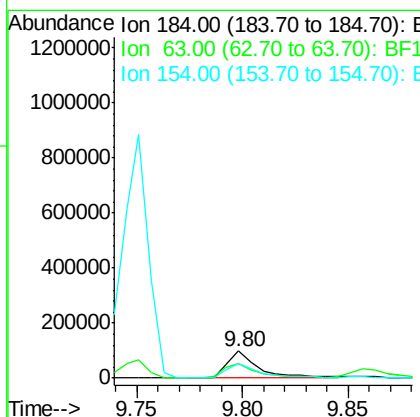
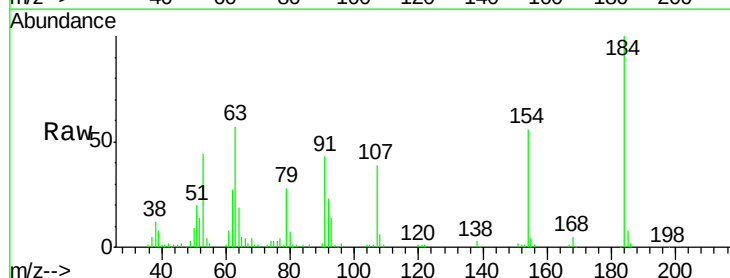
Instrument :
 BNA_F
 ClientSampleId :

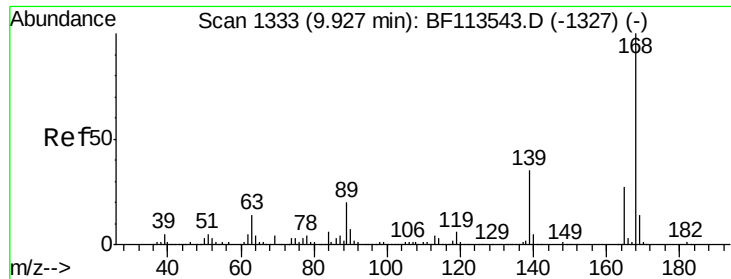
Tot Ion:138 Resp: 253783
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.8 11.6
 92 111.6 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 40.674 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:184 Resp: 102005
 Ion Ratio Lower Upper
 184 100
 63 56.6 54.3 81.5
 154 55.9 48.4 72.6

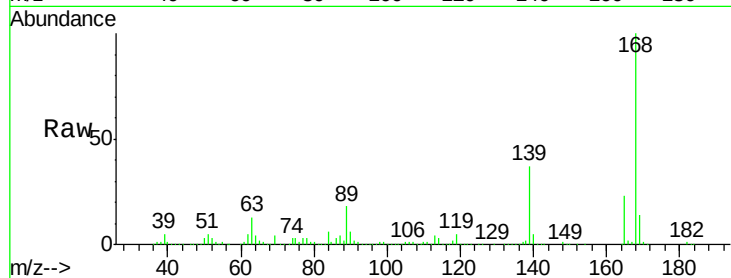




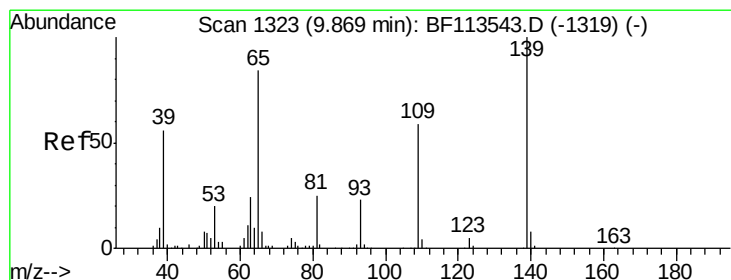
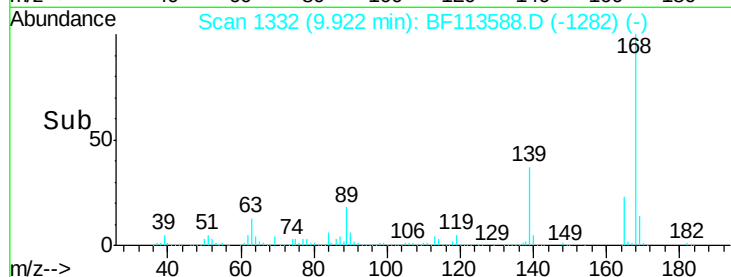
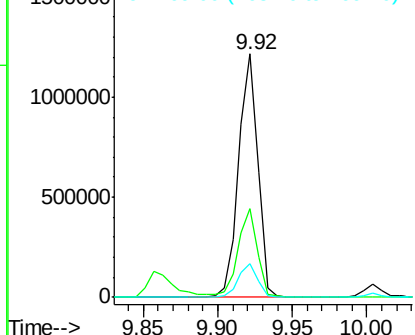
#55
Dibenzofuran
Concen: 39.157 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1102037
Ion Ratio Lower Upper
168 100
139 36.7 29.7 44.5
169 13.6 10.7 16.1

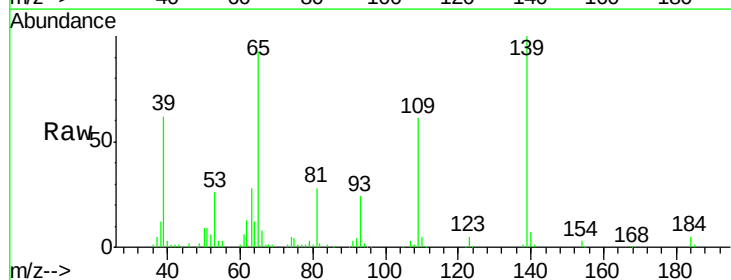


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

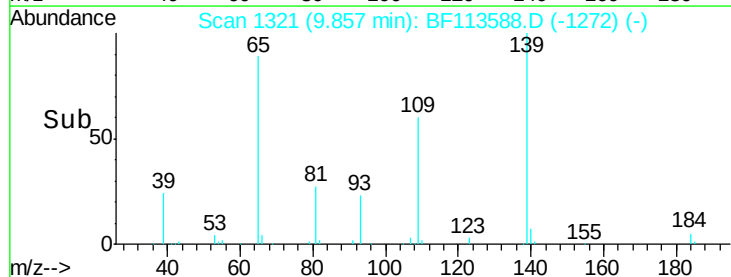
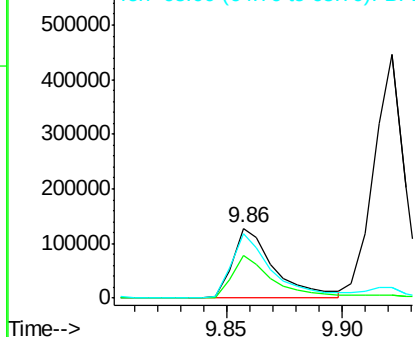


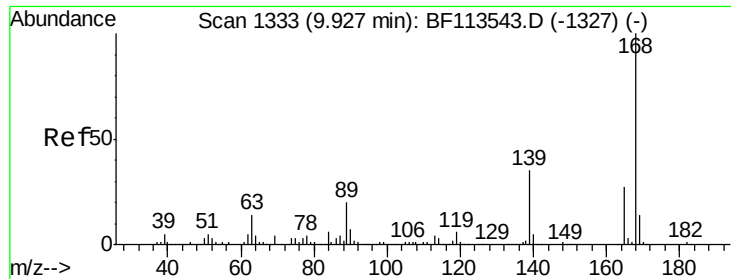
#56
4-Nitrophenol
Concen: 42.548 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:139 Resp: 160860
Ion Ratio Lower Upper
139 100
109 61.1 46.9 86.9
65 93.4 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

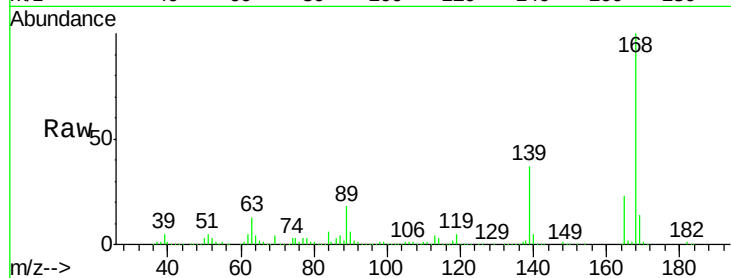




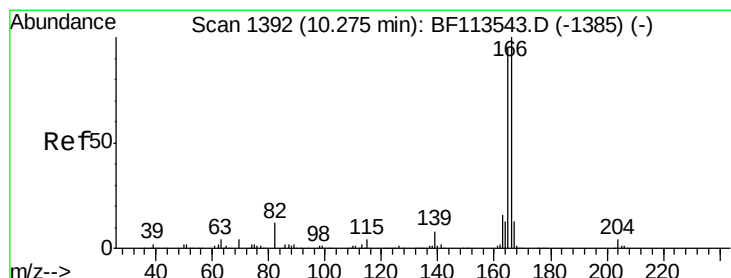
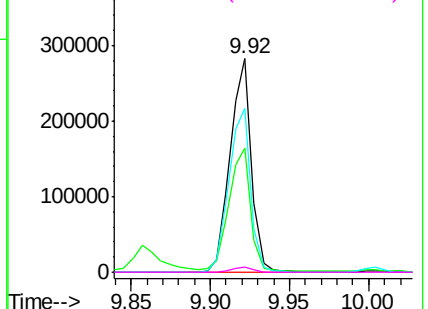
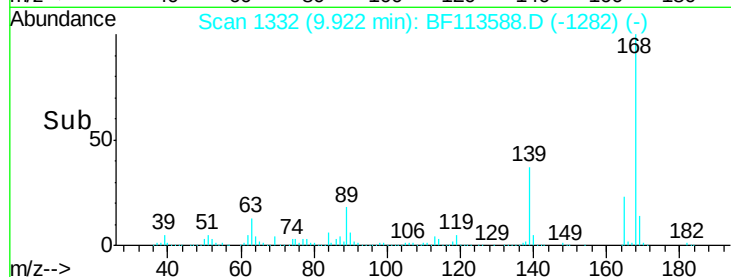
#57
 2,4-Dinitrotoluene
 Concen: 40.528 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 262747
 Ion Ratio Lower Upper
 165 100
 63 58.0 37.5 56.3#
 89 76.4 57.4 86.2
 182 2.6 2.0 3.0

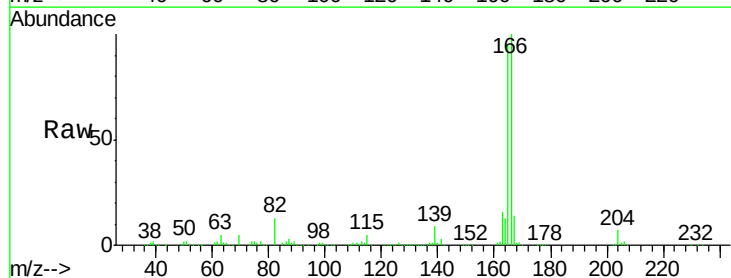


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

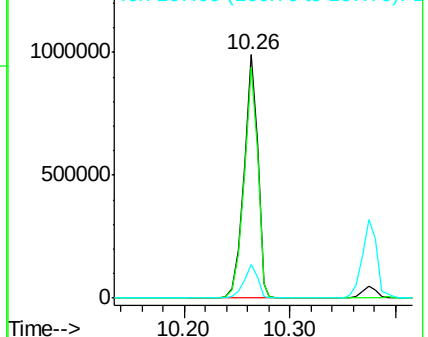
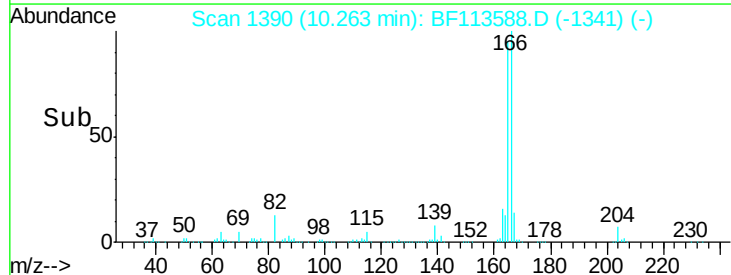


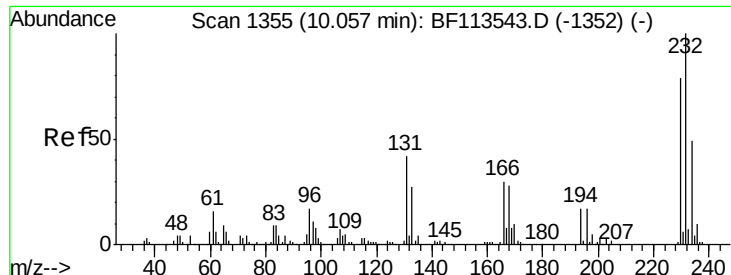
#58
 Fluorene
 Concen: 39.543 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:166 Resp: 880227
 Ion Ratio Lower Upper
 166 100
 165 94.8 76.2 114.2
 167 13.9 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

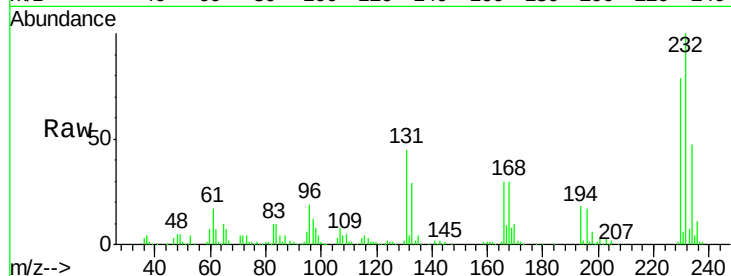




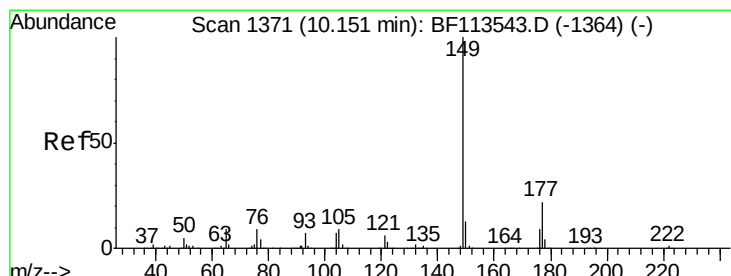
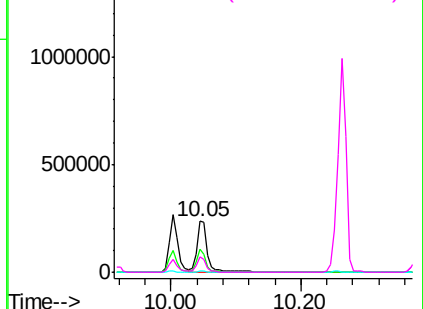
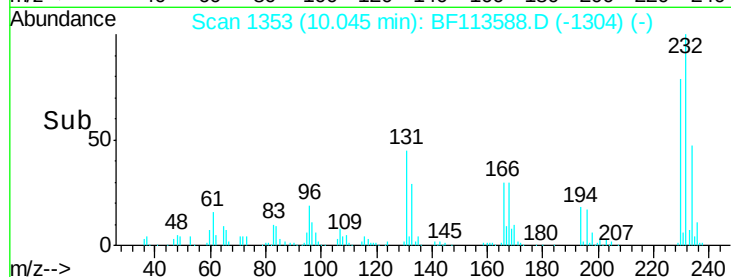
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.618 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	266730
Ion	Ratio	Lower	Upper
232	100		
131	38.8	33.2	49.8
130	1.8	1.6	2.4
166	26.4	21.0	31.6

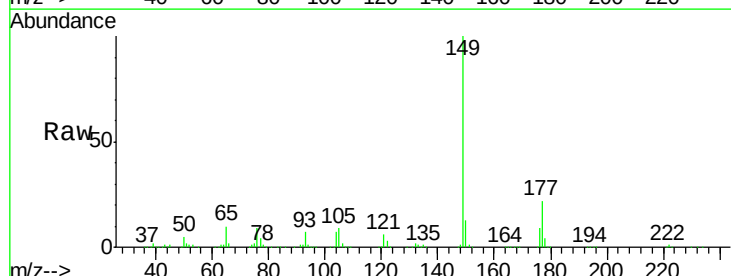


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

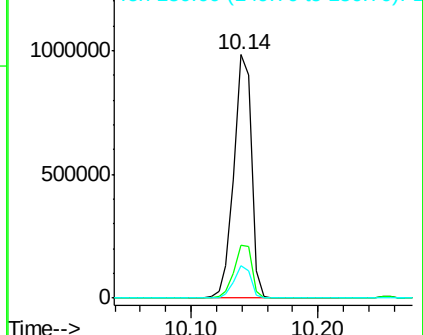
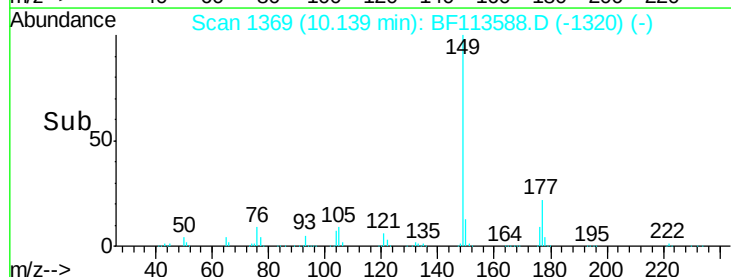


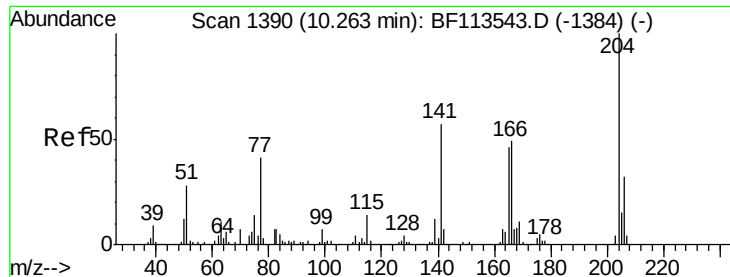
#60
 Diethylphthalate
 Concen: 39.960 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:	149	Resp:	936937
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	13.1	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

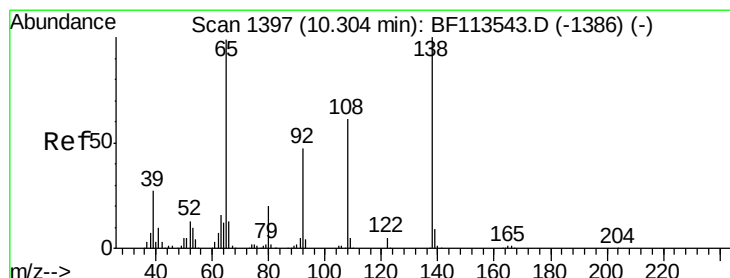
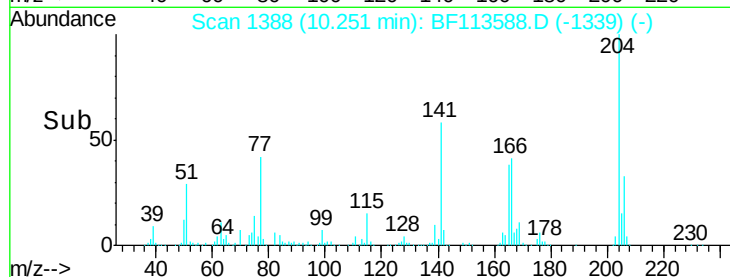
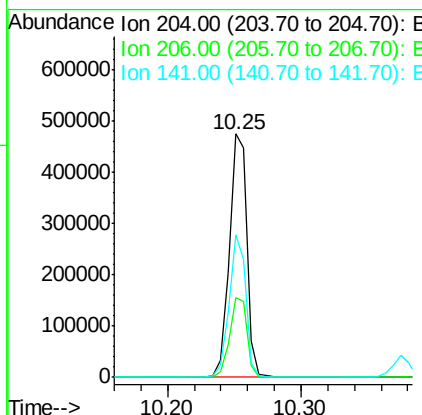
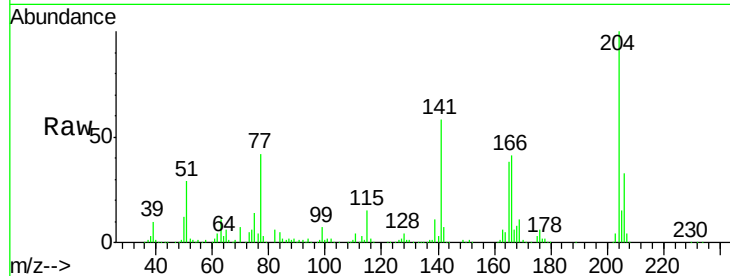




#61
 4-Chlorophenyl-phenylether
 Concen: 40.248 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

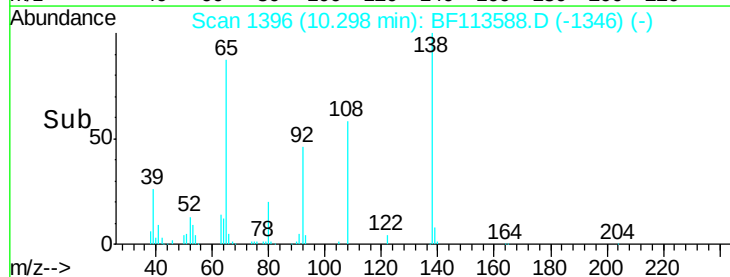
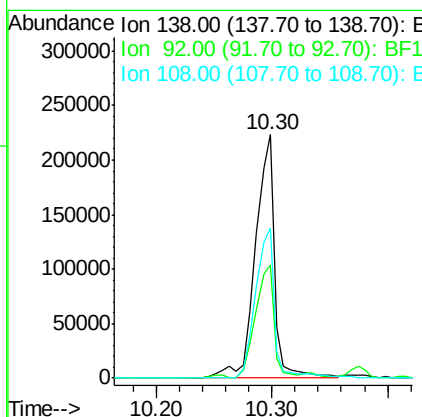
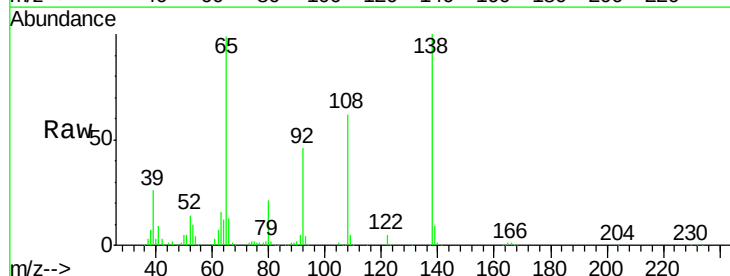
Instrument :
 BNA_F
 ClientSampleId :

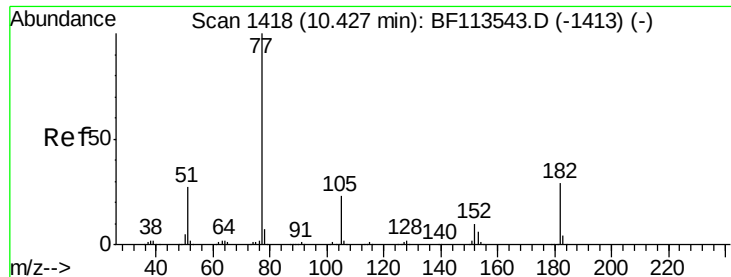
Tot Ion:204 Resp: 440674
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.9 40.3
 141 58.3 48.8 73.2



#62
 4-Nitroaniline
 Concen: 42.364 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:138 Resp: 262550
 Ion Ratio Lower Upper
 138 100
 92 46.2 25.8 65.8
 108 61.5 44.0 84.0





#63

Azobenzene

Concen: 39.785 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 883239

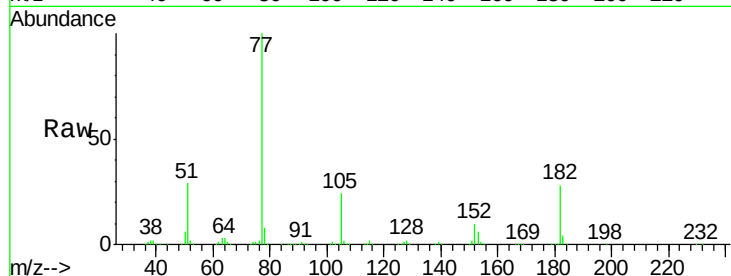
Ion Ratio Lower Upper

77 100

182 27.7 8.7 48.7

105 23.6 2.9 42.9

51 28.7 8.8 48.8

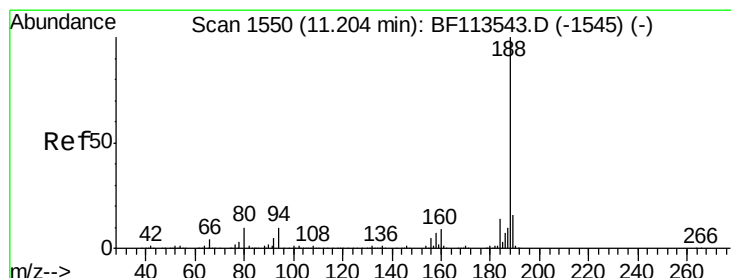
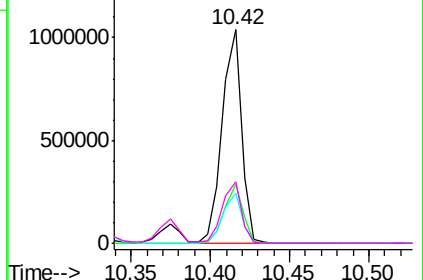
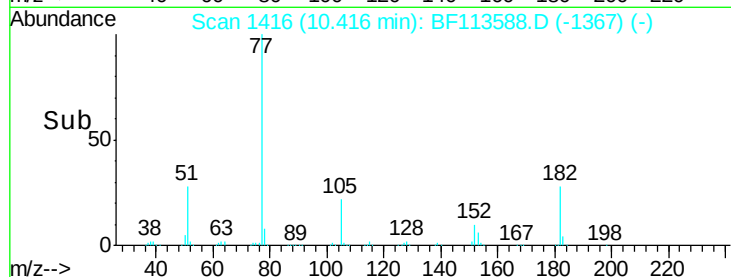


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113588.D

Acq: 4 Apr 2019 17:32

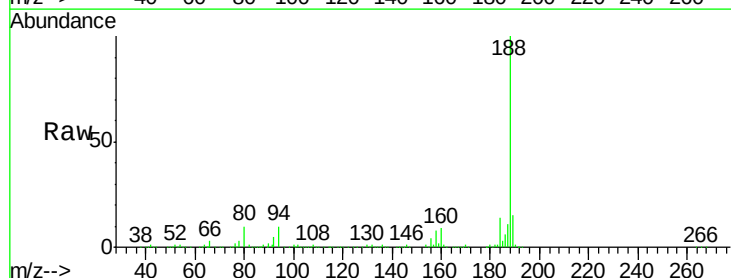
Tgt Ion: 188 Resp: 654674

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

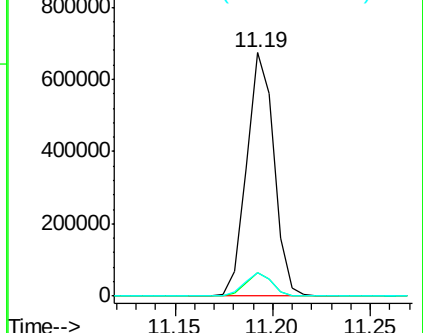
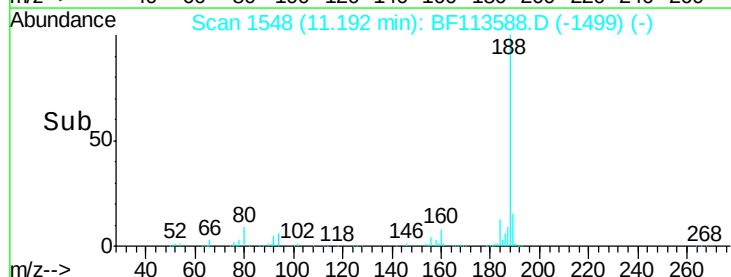
80 9.9 7.7 11.5

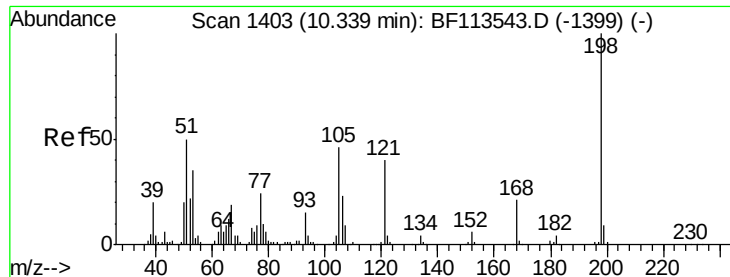


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 41.615 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

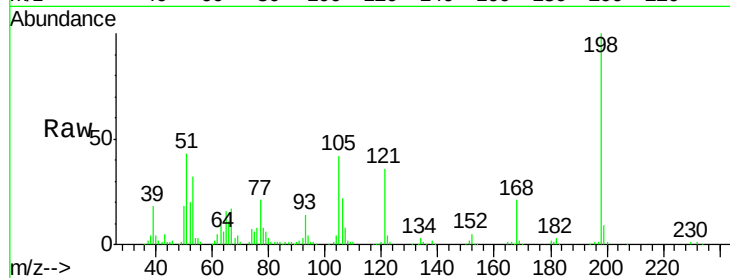
Tot Ion:198 Resp: 143430

Ion	Ratio	Lower	Upper
198	100		
51	43.3	21.6	61.6
105	41.9	20.6	60.6

198 100

51 43.3 21.6 61.6

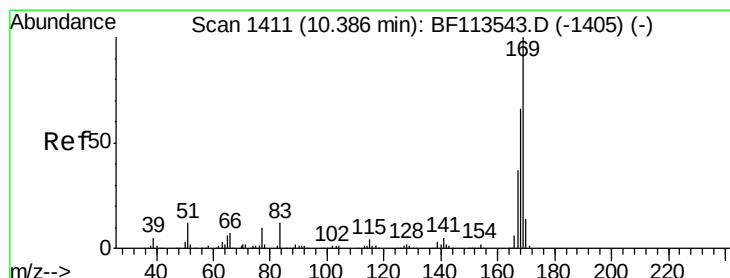
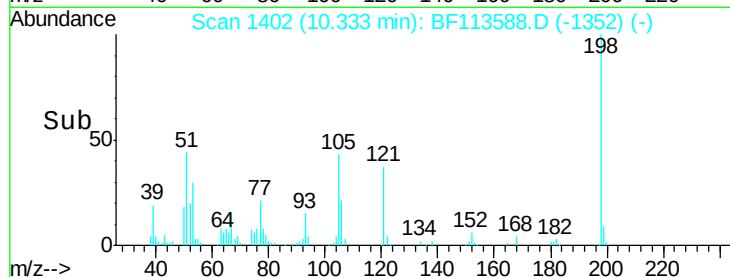
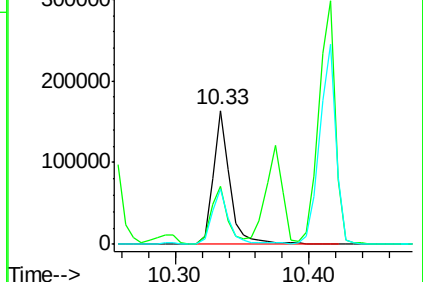
105 41.9 20.6 60.6



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: 40.130 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

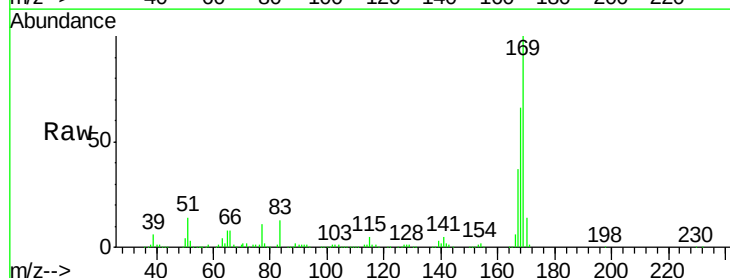
Tgt Ion:169 Resp: 806532

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.7	80.5
167	36.5	29.5	44.3

169 100

168 66.4 53.7 80.5

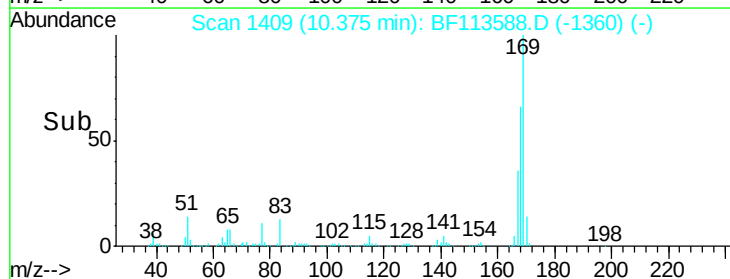
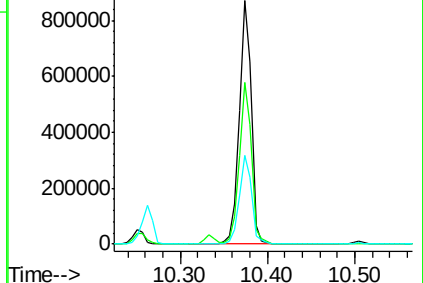
167 36.5 29.5 44.3

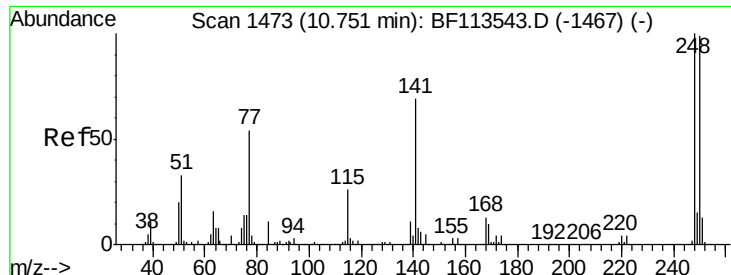


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

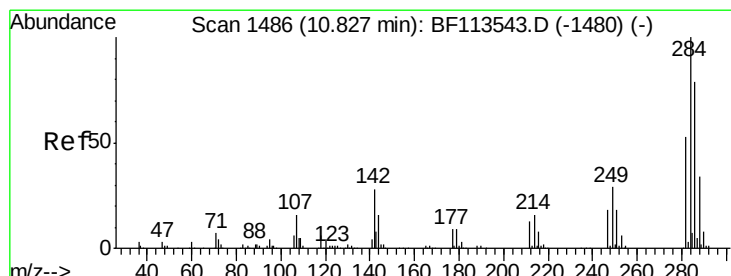
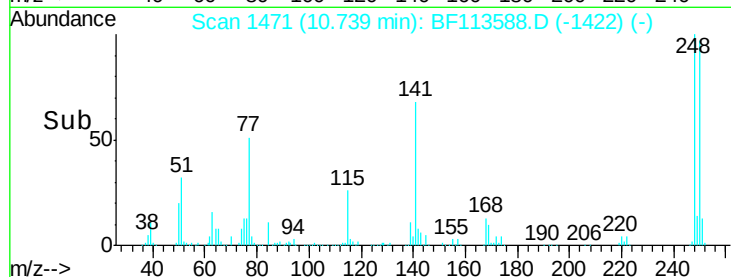
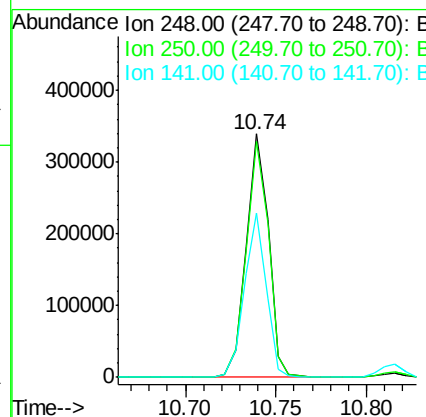
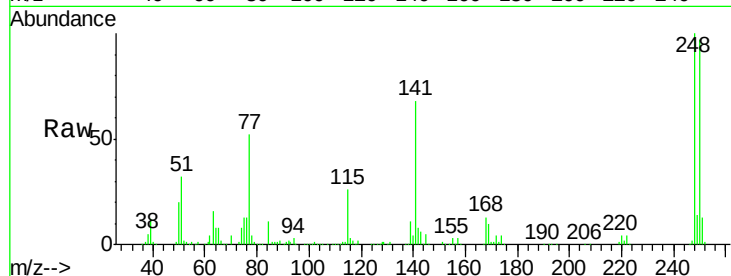




#67
4-Bromophenyl-phenylether
Concen: 39.555 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

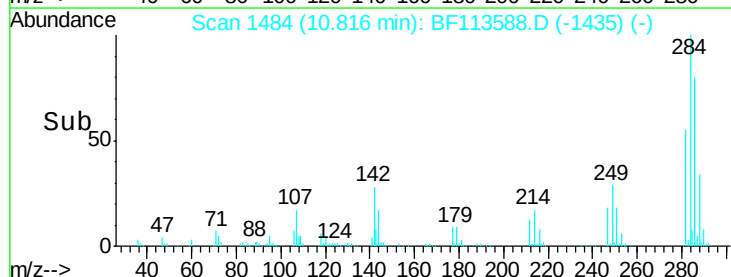
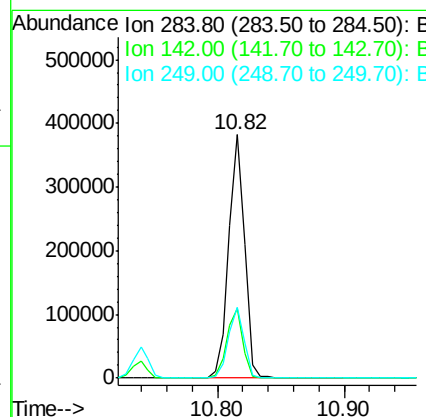
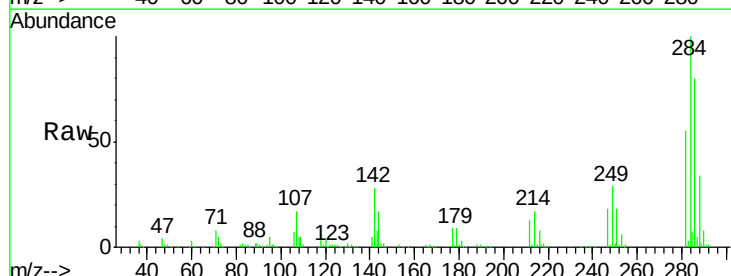
Instrument :
BNA_F
ClientSampled :

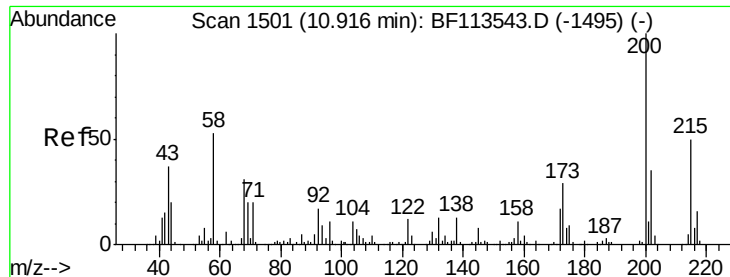
Tot Ion:248 Resp: 290427
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 67.6 56.2 84.4



#68
Hexachlorobenzene
Concen: 39.670 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:284 Resp: 333747
Ion Ratio Lower Upper
284 100
142 28.3 20.1 30.1
249 29.1 22.7 34.1

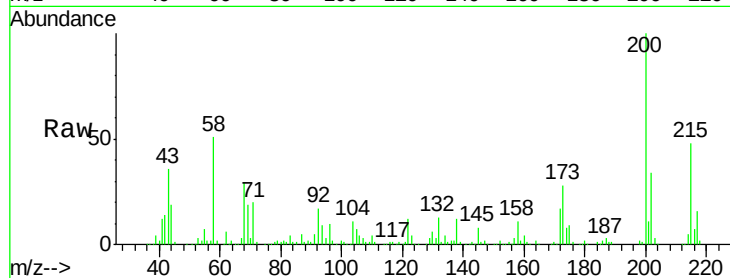




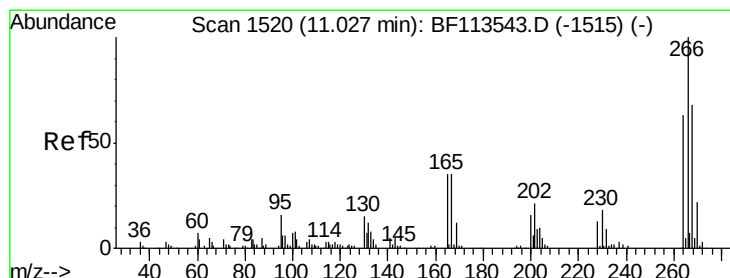
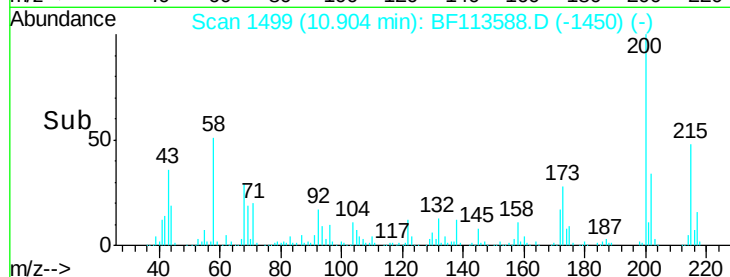
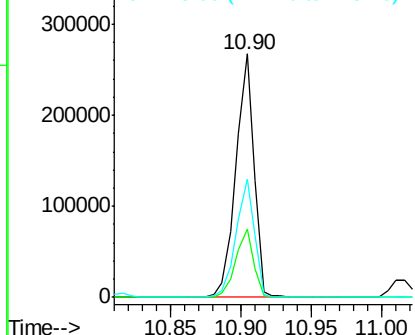
#69
 Atrazine
 Concen: 37.849 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 239763
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.0 46.0
 215 48.4 31.3 71.3

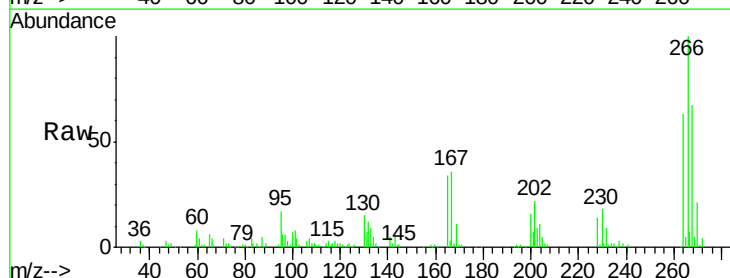


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

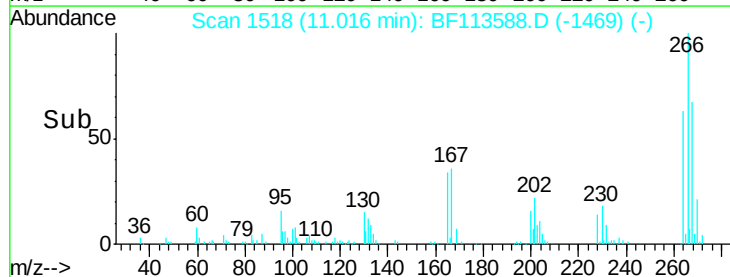
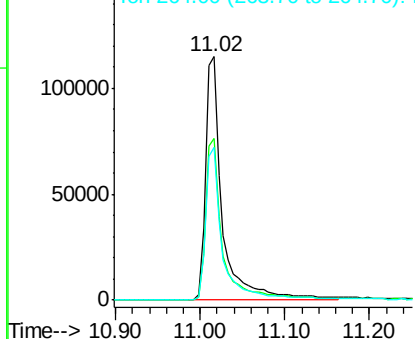


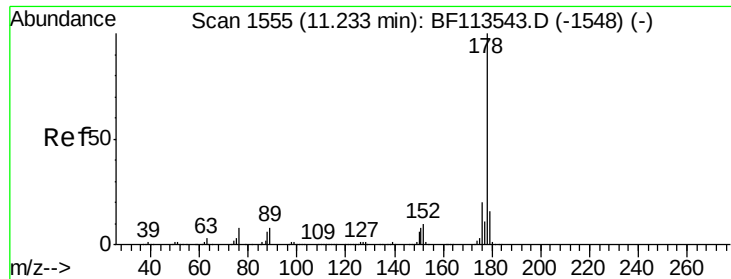
#70
 Pentachlorophenol
 Concen: 40.604 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:266 Resp: 160968
 Ion Ratio Lower Upper
 266 100
 268 66.6 53.8 80.6
 264 62.7 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

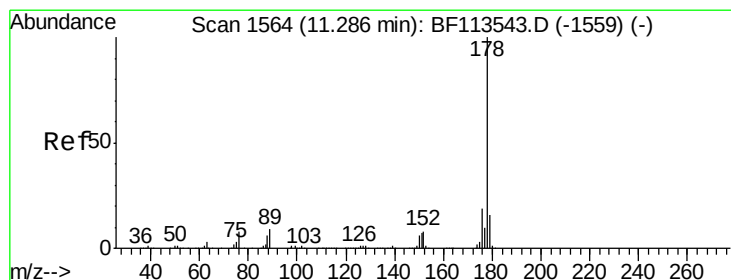
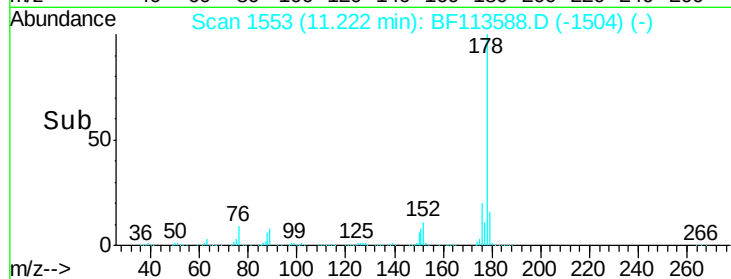
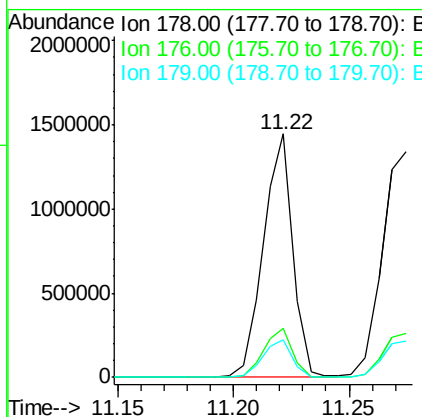
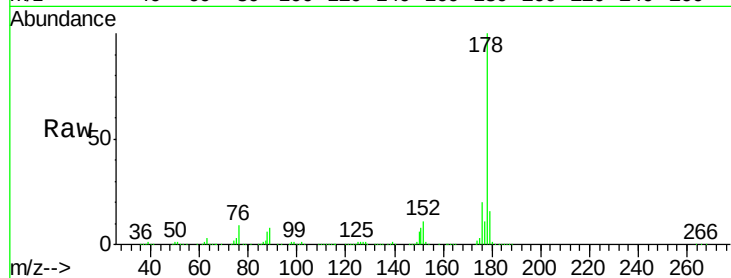




#71
Phenanthrene
Concen: 39.268 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

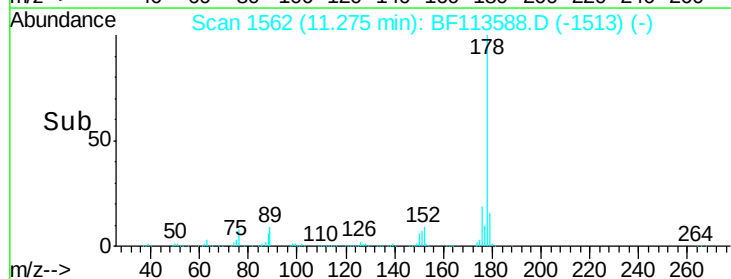
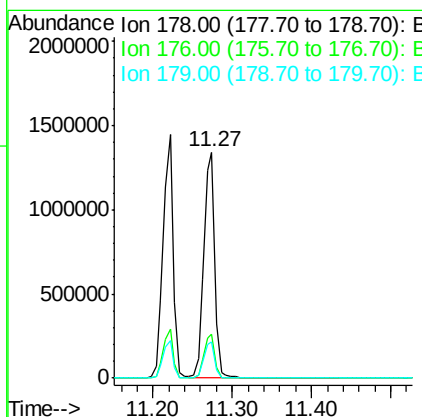
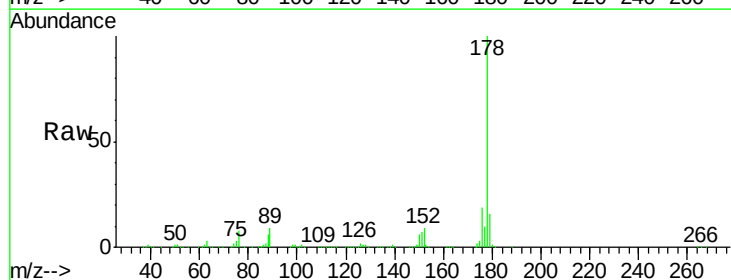
Instrument :
BNA_F
ClientSampleId :

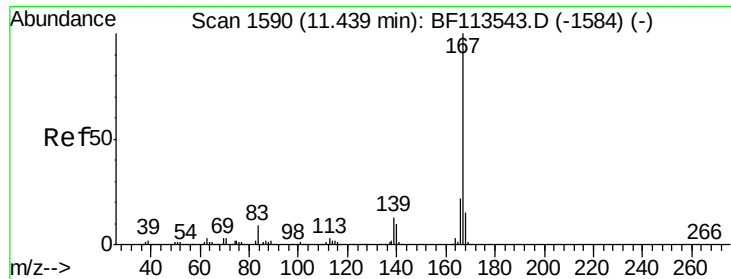
Tot Ion:178 Resp: 1277423
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.6 12.7 19.1



#72
Anthracene
Concen: 39.537 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:178 Resp: 1308612
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.9 12.8 19.2

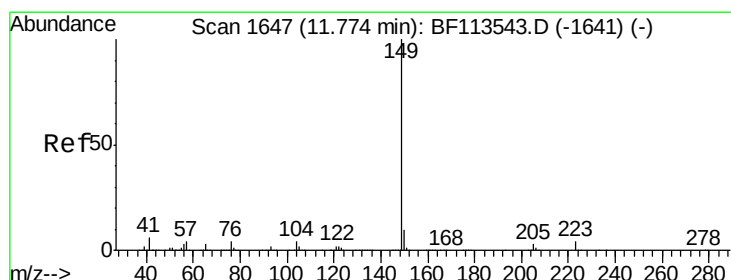
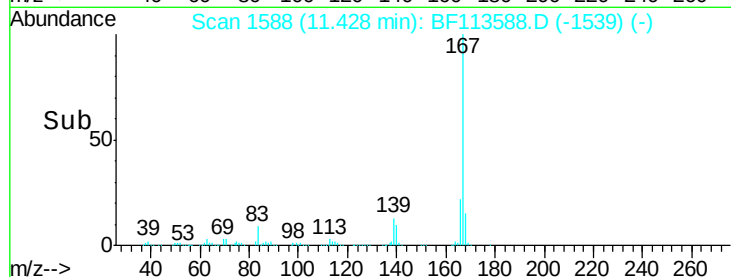
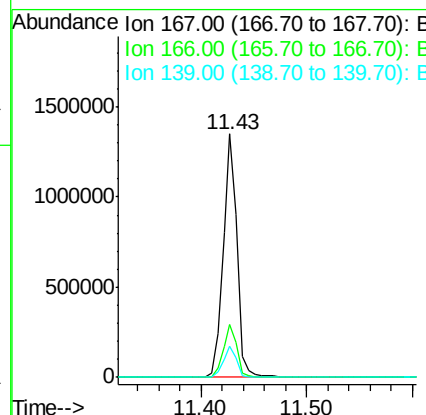
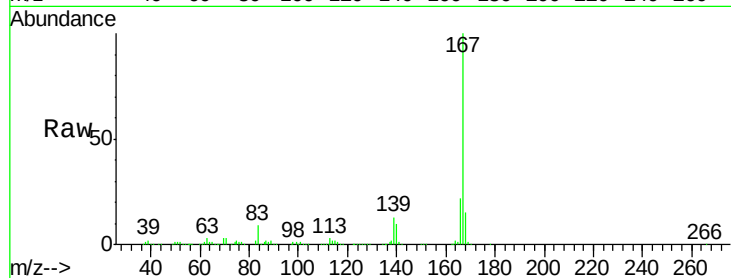




#73
 Carbazole
 Concen: 40.621 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

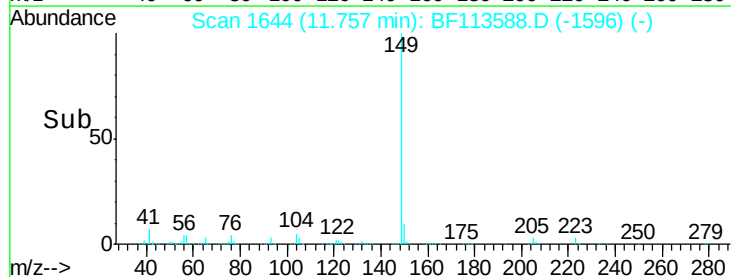
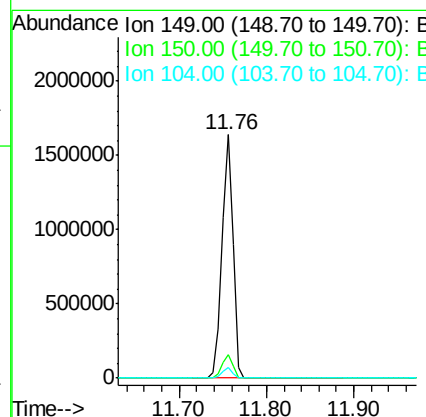
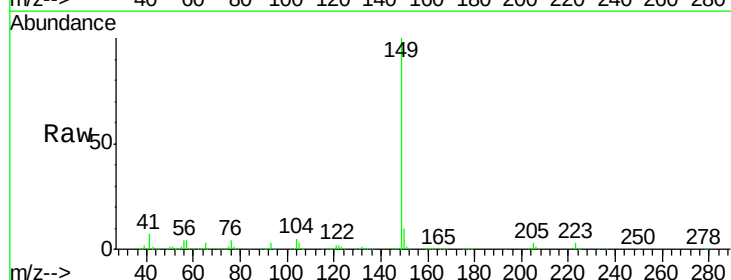
Instrument :
 BNA_F
 ClientSampleId :

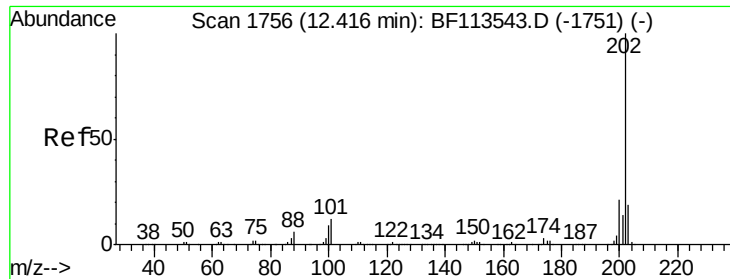
Tot Ion:167 Resp: 1257457
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.9 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.252 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BF113588.D
 Acq: 4 Apr 2019 17:32

Tgt Ion:149 Resp: 1445457
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 39.878 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

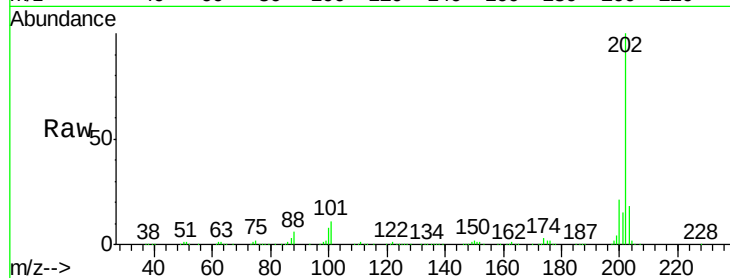
Tot Ion:202 Resp: 1390137

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

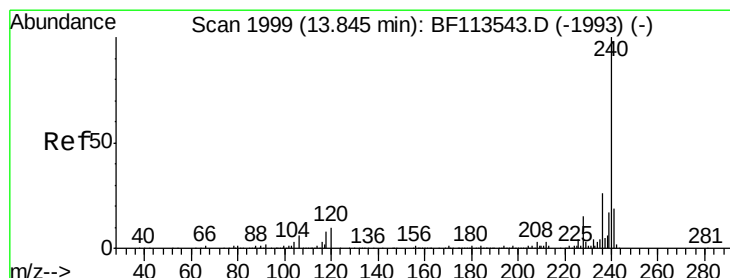
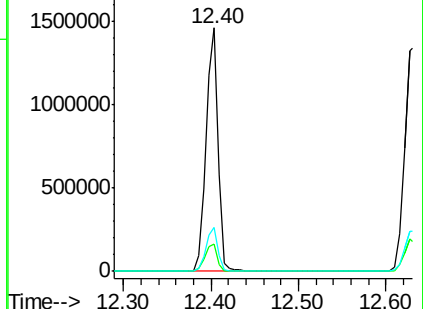
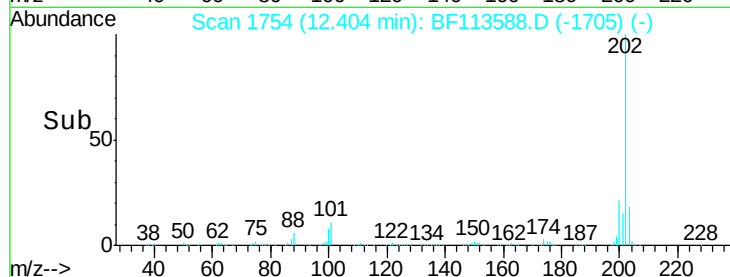
203 18.3 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

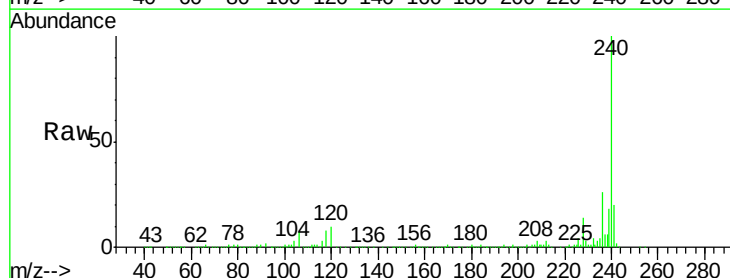
Tgt Ion:240 Resp: 470836

Ion Ratio Lower Upper

240 100

120 9.5 8.8 13.2

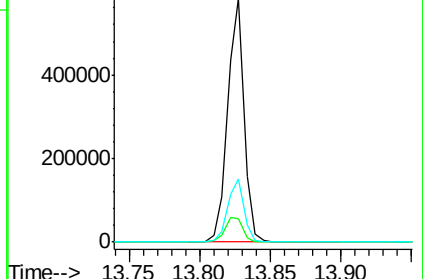
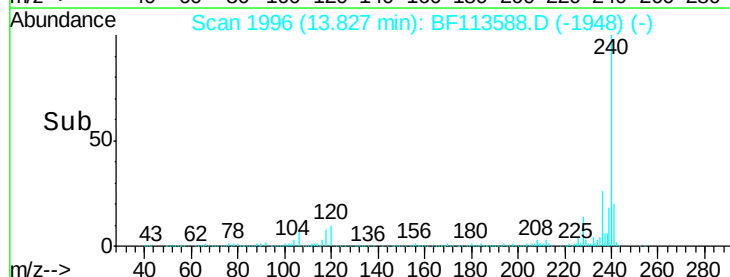
236 26.0 20.9 31.3

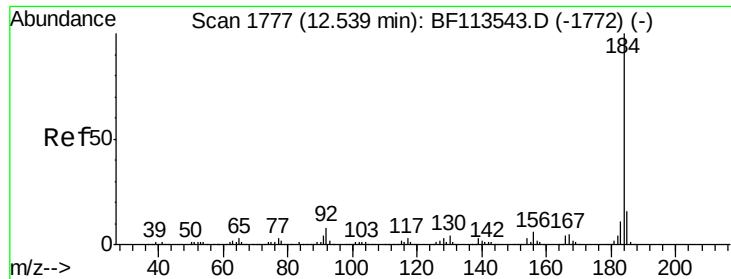


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.786 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

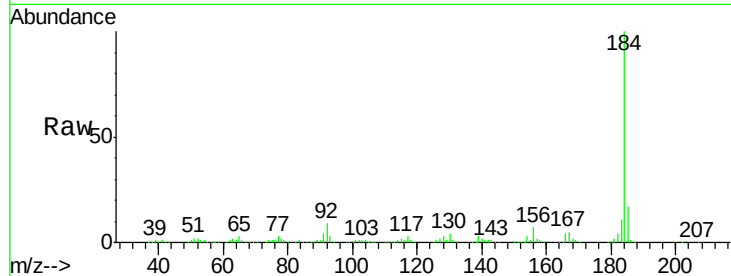
Tot Ion:184 Resp: 836686

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

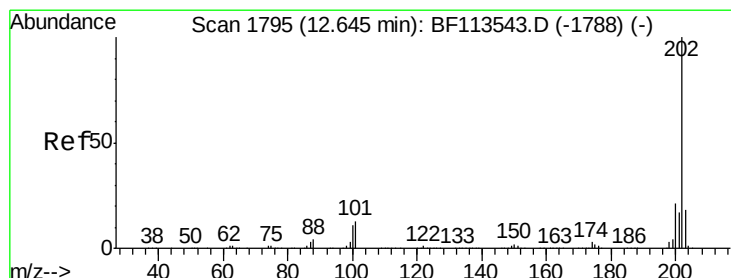
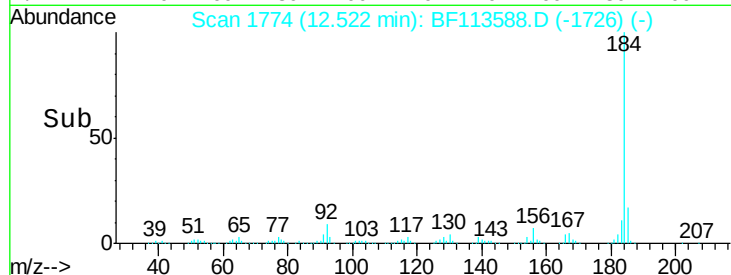
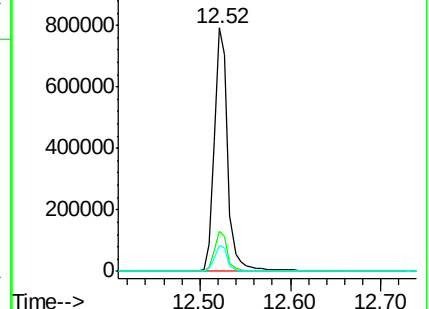
183 10.9 9.0 13.4



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: 39.535 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

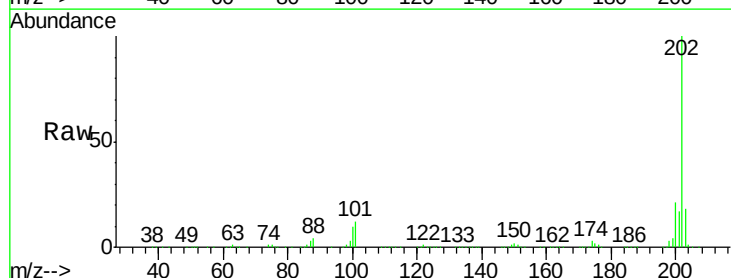
Tgt Ion:202 Resp: 1416354

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

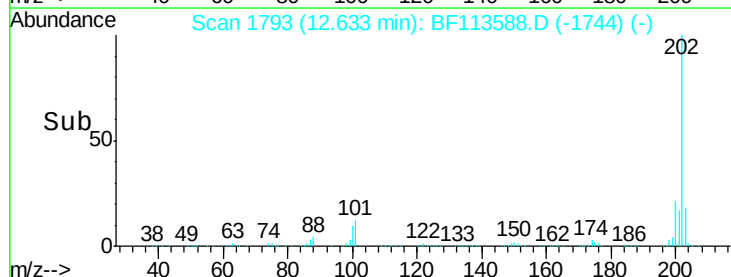
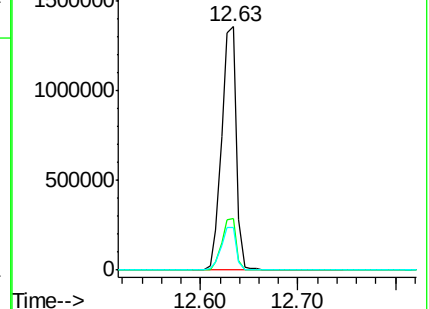
203 17.8 14.4 21.6

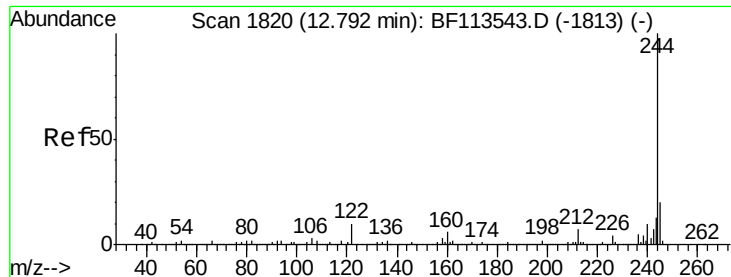


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.722 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Instrument :

BNA_F

ClientSampleId :

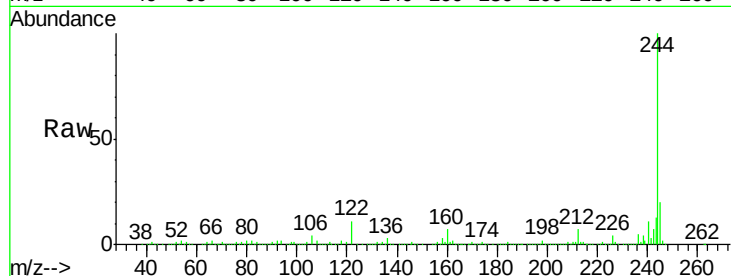
Tot Ion:244 Resp: 1751105

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

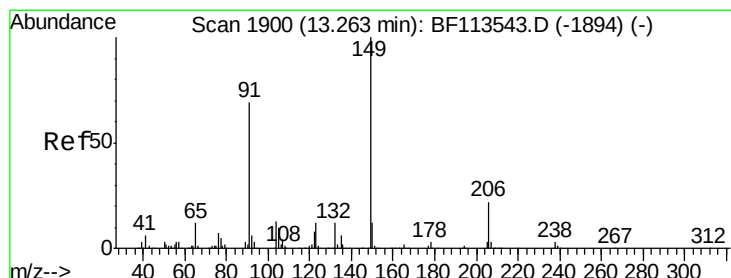
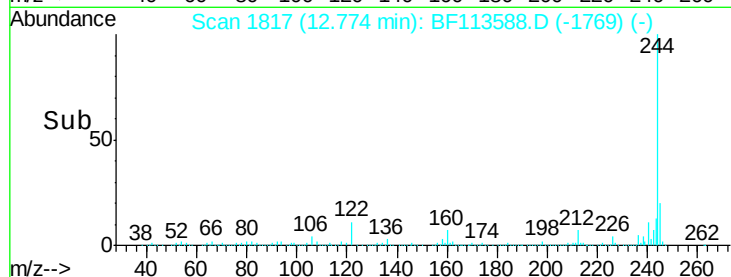
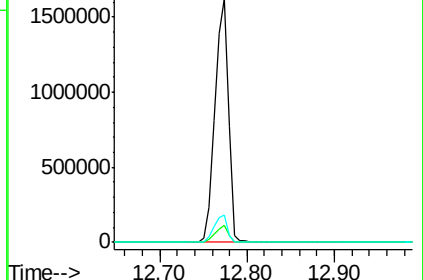
122 11.3 8.6 13.0



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: 40.348 ng

RT: 13.25 min Scan# 1897

Delta R.T. -0.02 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

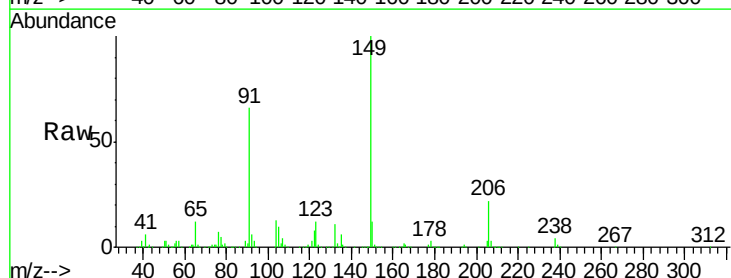
Tgt Ion:149 Resp: 588400

Ion Ratio Lower Upper

149 100

91 65.6 55.2 82.8

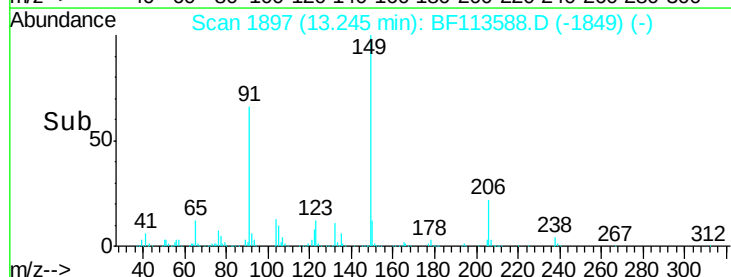
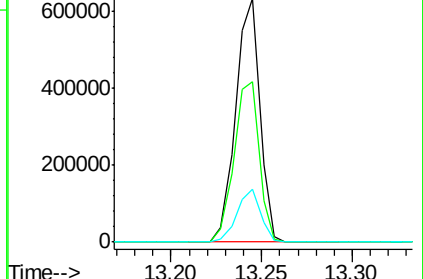
206 22.0 16.1 24.1

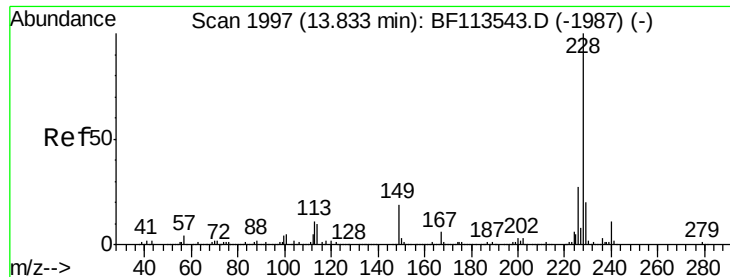


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.637 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

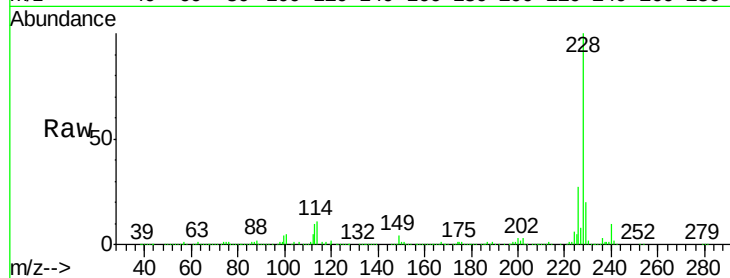
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1103721

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.3	16.2	24.4

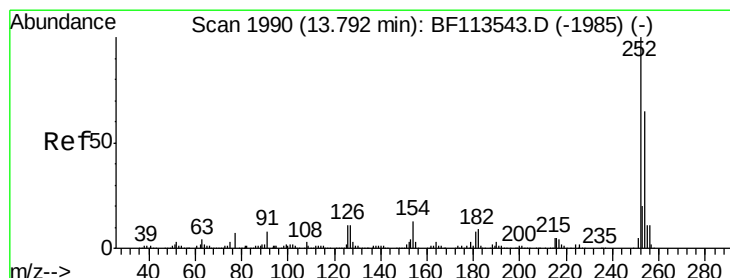
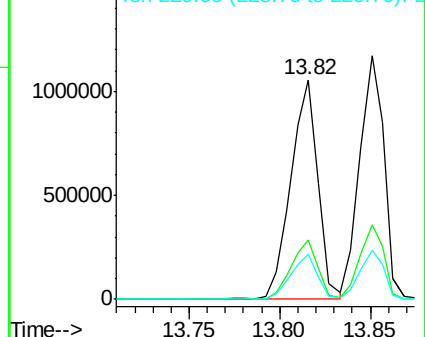
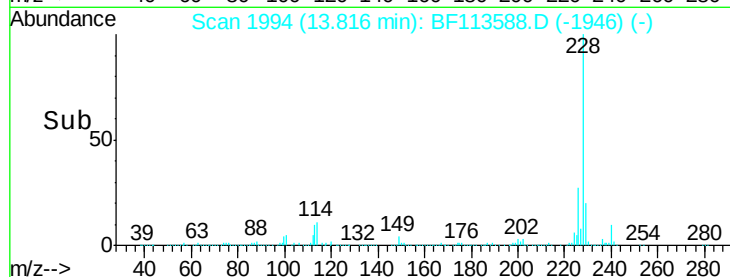


Abundance

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: 42.240 ng

RT: 13.77 min Scan# 1987

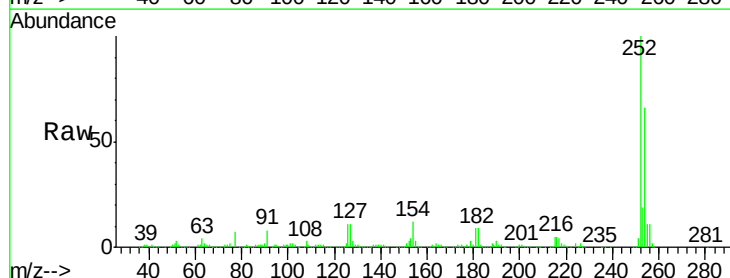
Delta R.T. -0.02 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Tgt Ion:252 Resp: 441889

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.2	78.2
126	11.4	8.5	12.7

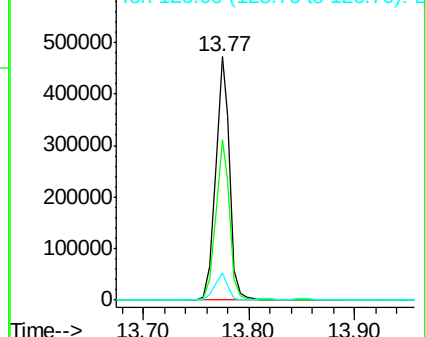
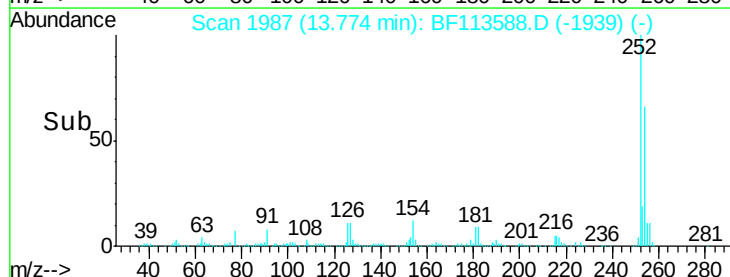


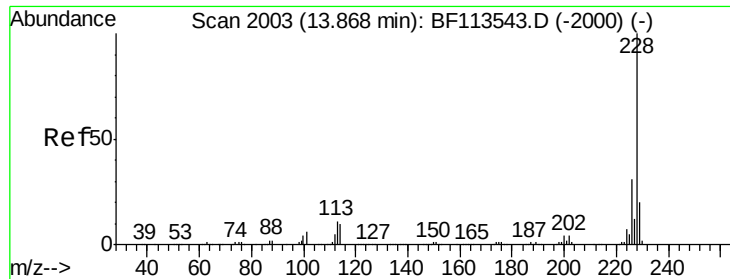
Abundance

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: 40.151 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

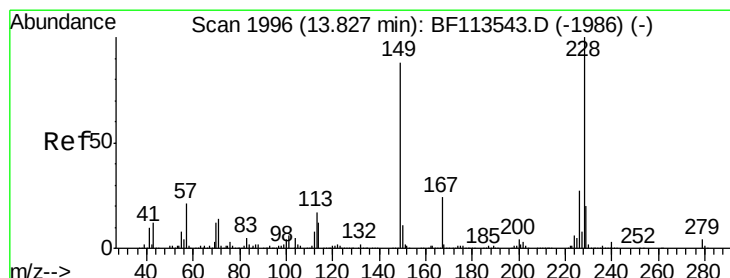
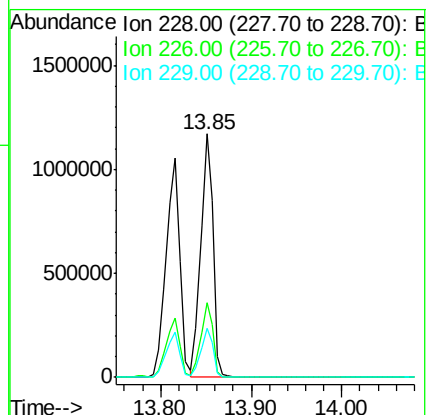
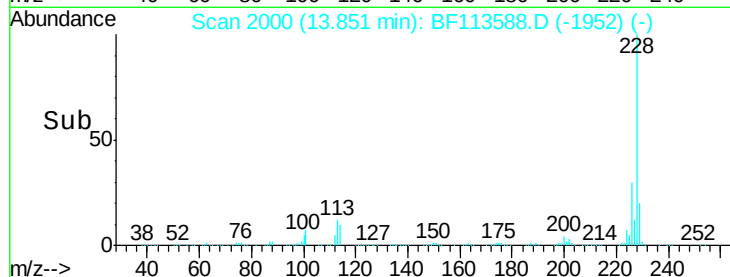
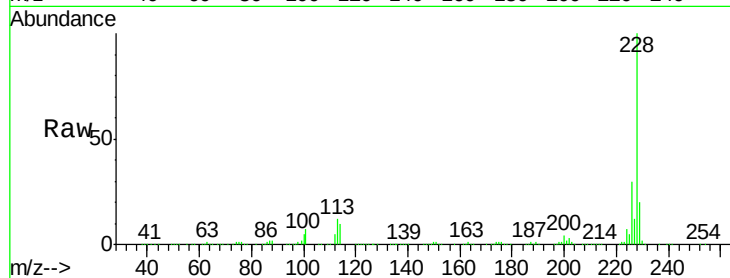
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1105470

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	20.2	16.3	24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.210 ng

RT: 13.80 min Scan# 1992

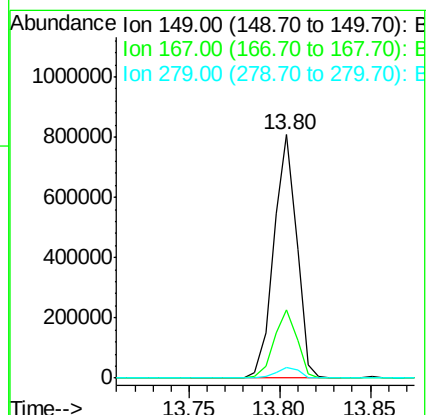
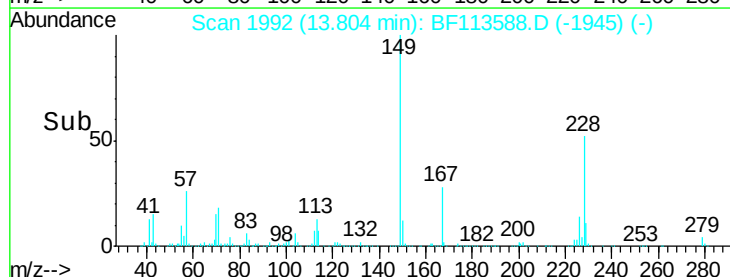
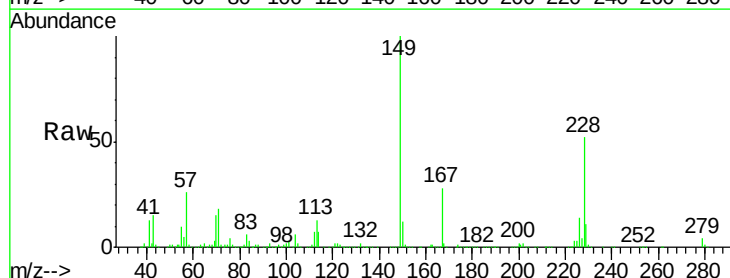
Delta R.T. -0.02 min

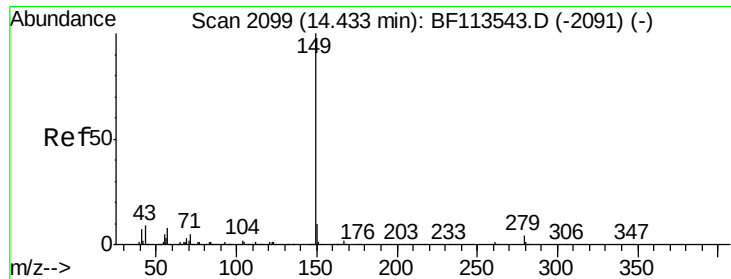
Lab File: BF113588.D

Acq: 4 Apr 2019 17:32

Tgt Ion:149 Resp: 708969

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	4.2	2.9	4.3

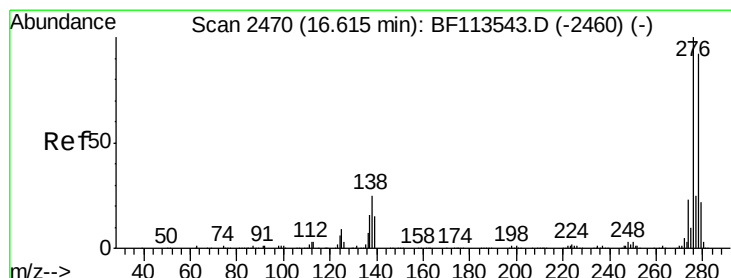
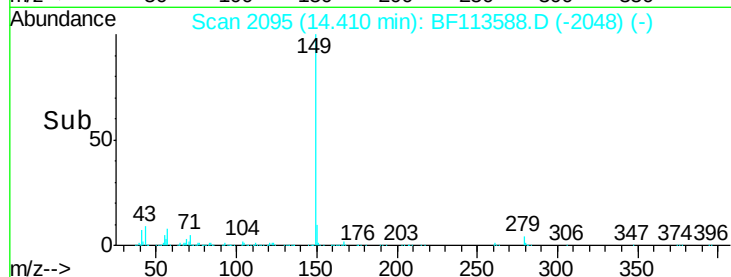
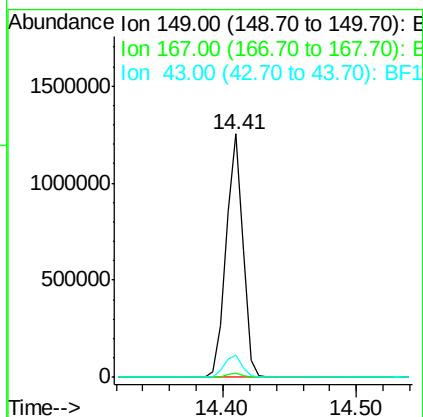
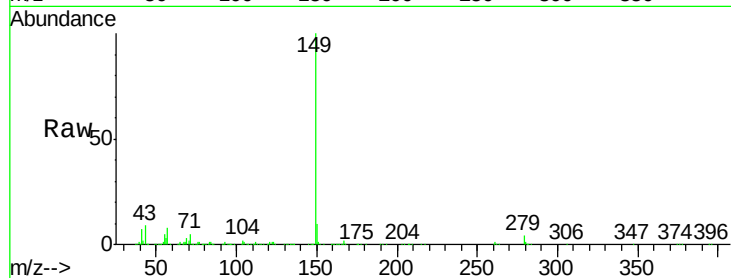




#85
Di-n-octyl phthalate
Concen: 38.905 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

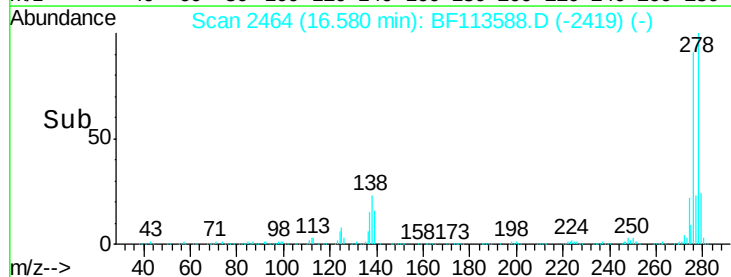
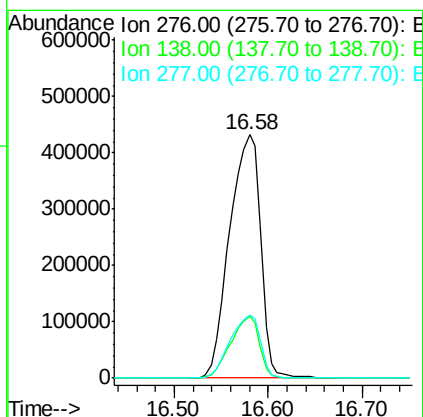
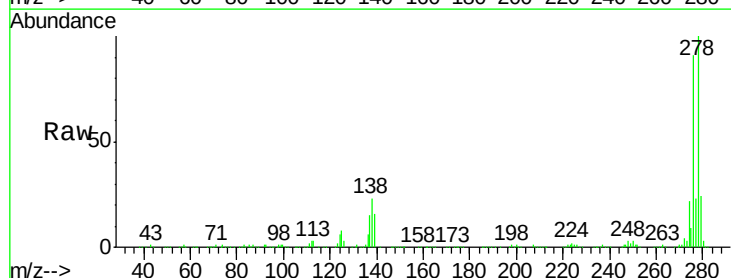
Instrument :
BNA_F
ClientSampleId :

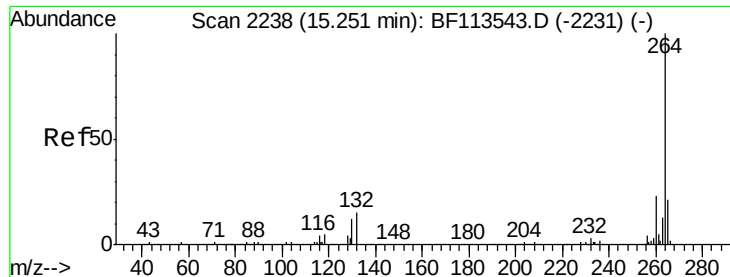
Tot Ion:149 Resp: 1115011
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.078 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.04 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:276 Resp: 993400
Ion Ratio Lower Upper
276 100
138 23.5 18.1 27.1
277 25.3 20.2 30.4

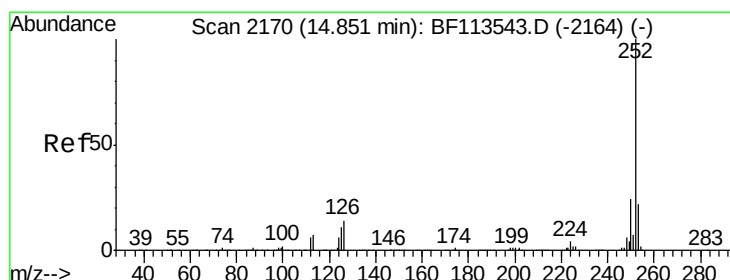
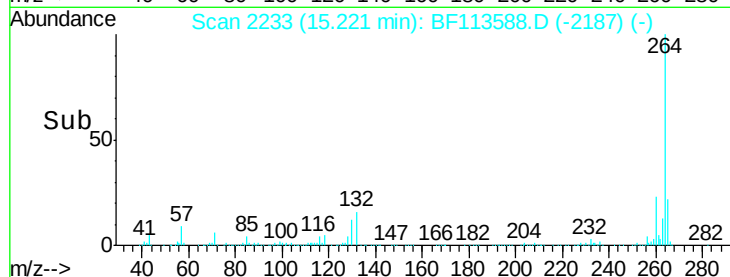
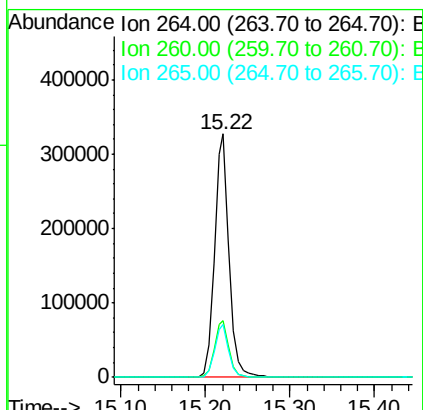
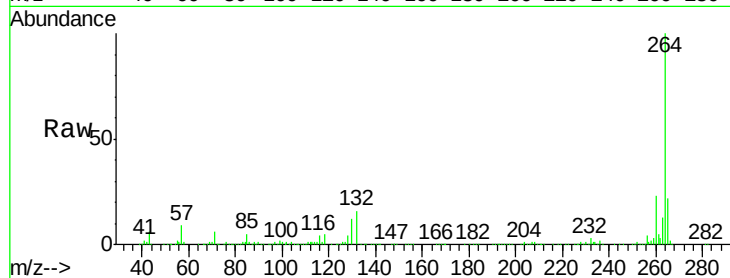




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

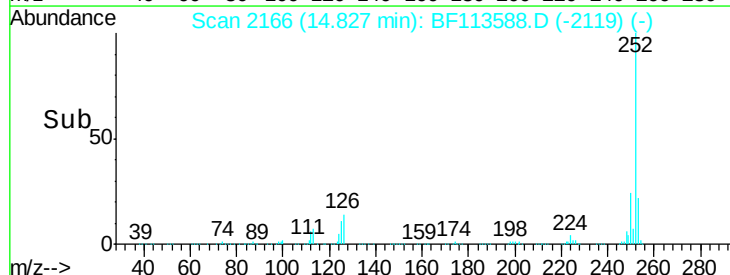
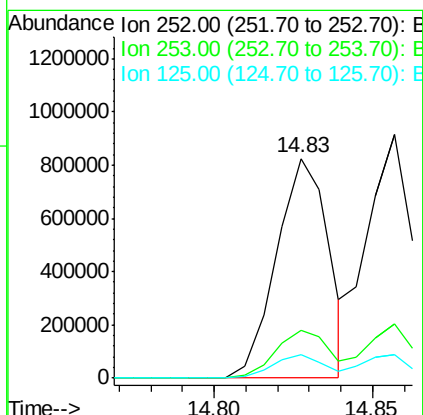
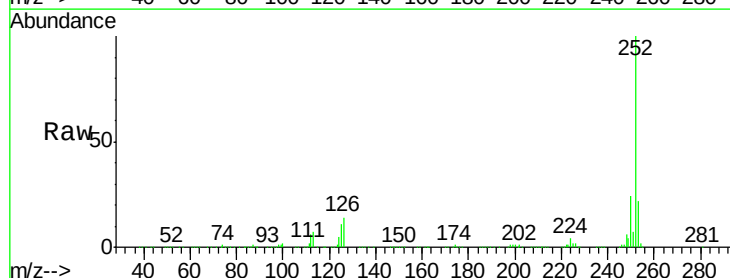
Instrument :
BNA_F
ClientSampleId :

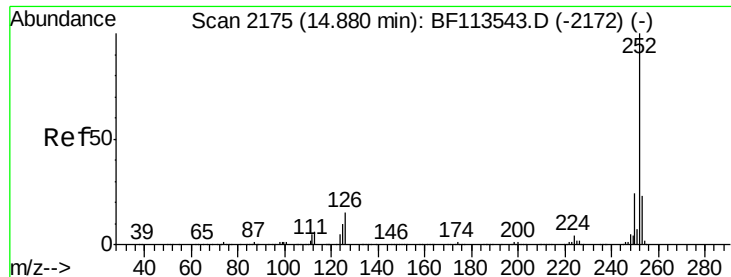
Tot Ion:264 Resp: 398215
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.8 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 38.866 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:252 Resp: 947381
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.8 7.6 11.4

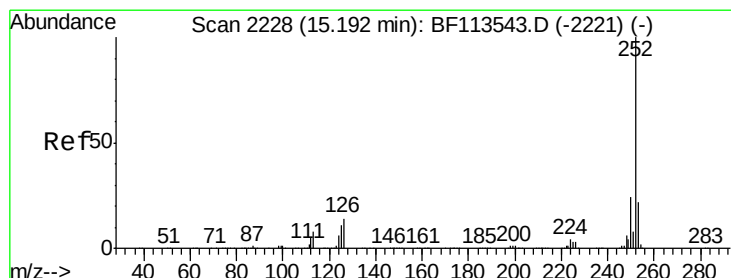
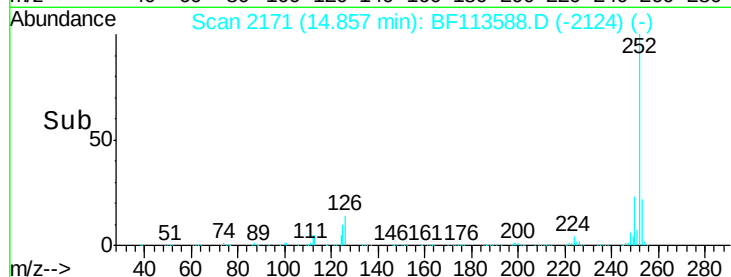
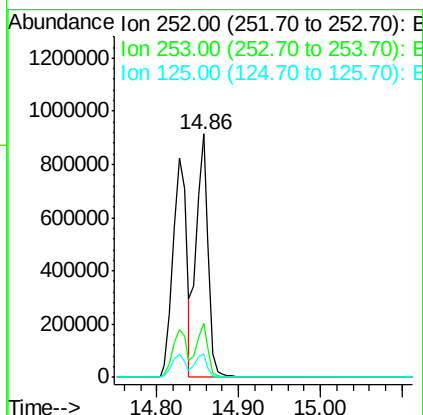
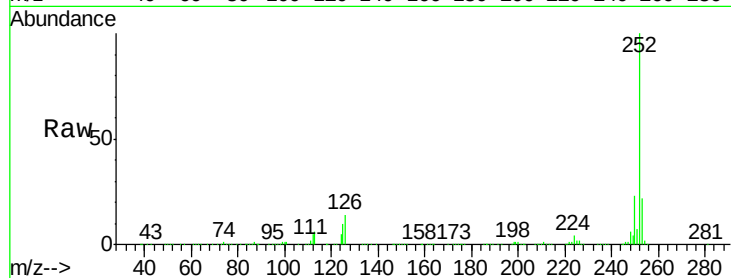




#89
Benzo(k)fluoranthene
Concen: 42.075 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

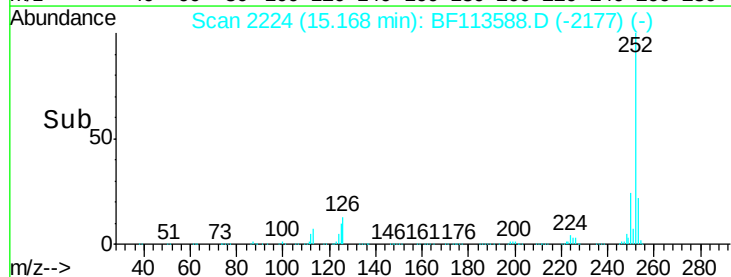
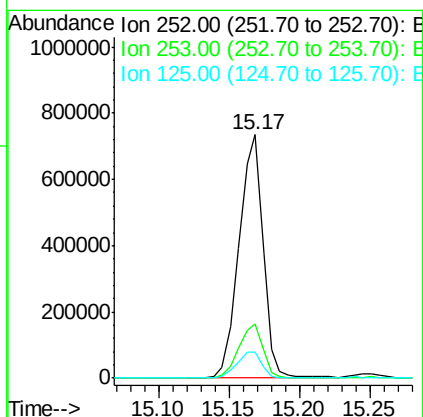
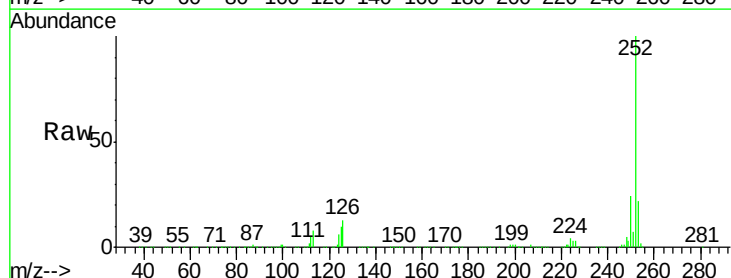
Instrument :
BNA_F
ClientSampleId :

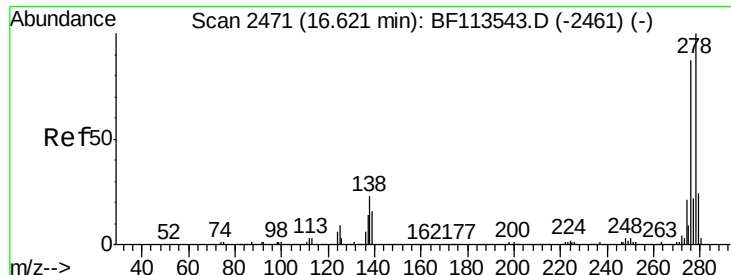
Tot Ion:252 Resp: 920458
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.498 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:252 Resp: 877207
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.5 8.8 13.2



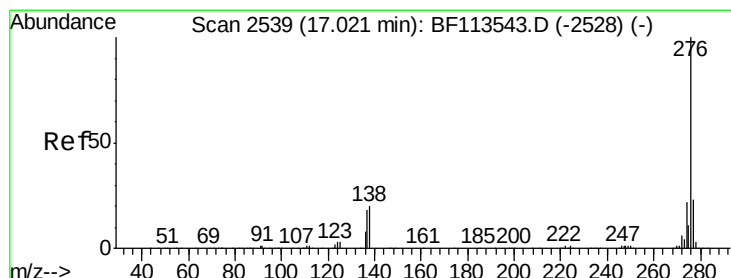
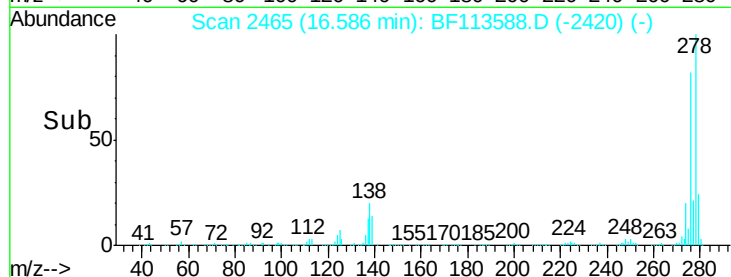
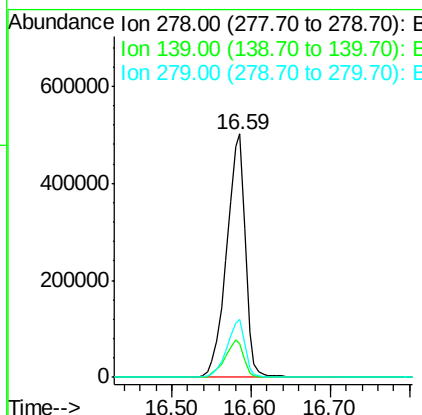
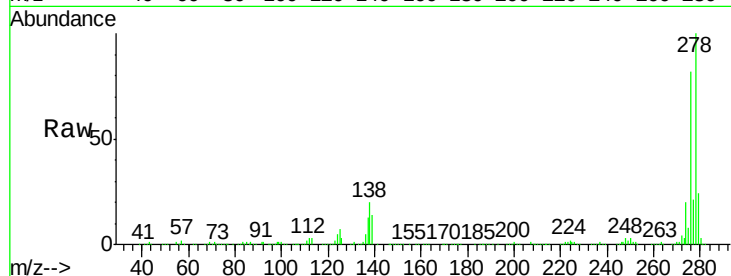


#91
Dibenzo(a,h)anthracene
Concen: 40.365 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.04 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 817622

Ion	Ratio	Lower	Upper
278	100		
139	13.9	12.0	18.0
279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 40.791 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BF113588.D
Acq: 4 Apr 2019 17:32

Tgt Ion:276 Resp: 843350

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.2	15.6	23.4

