

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113948.D
 Acq On : 24 Apr 2019 4:33
 Operator : JU/SJ
 Sample : K2530-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 05:20:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

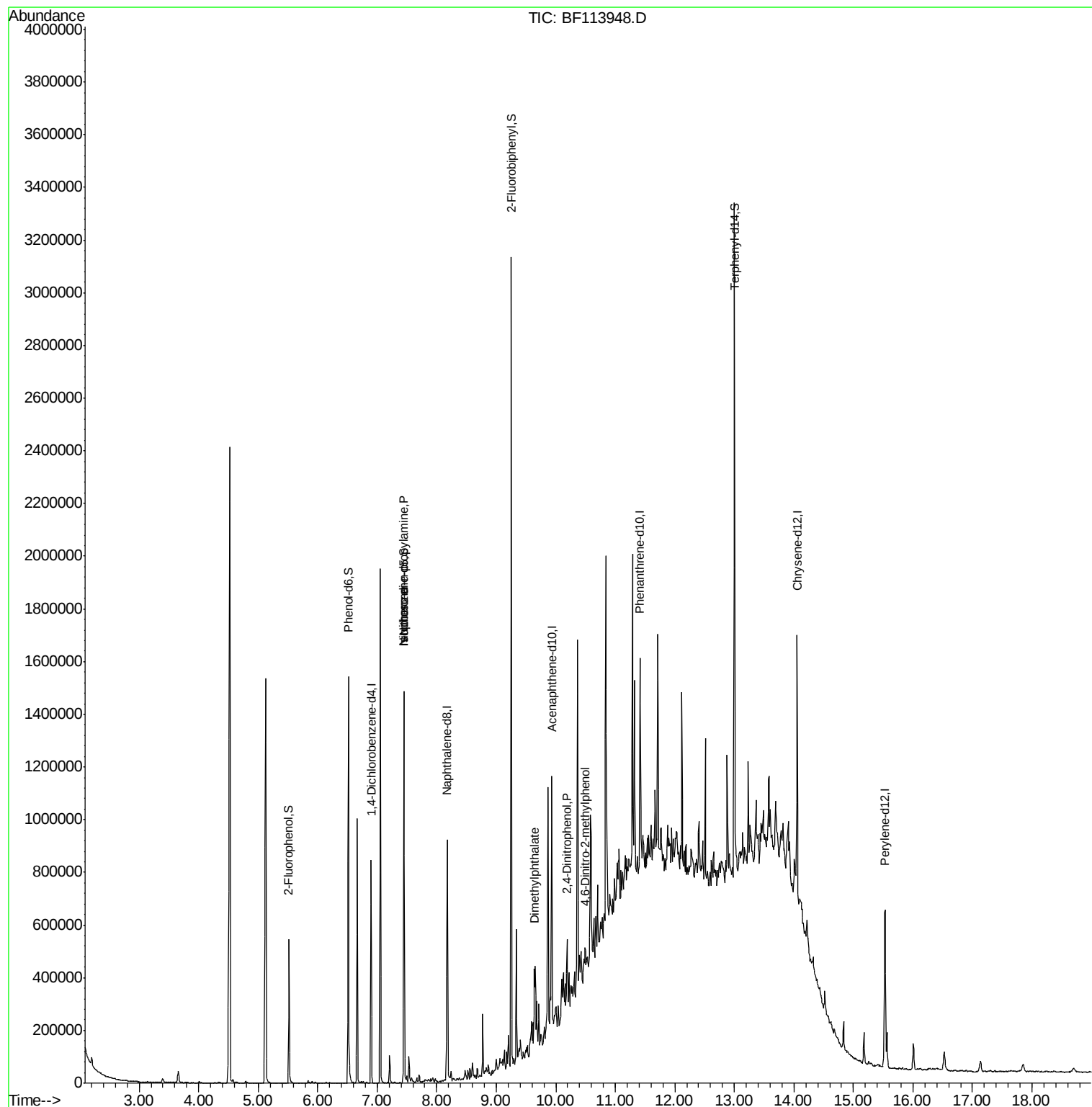
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	123298	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	428383	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	179573	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	302034	20.00	ng	0.00
76) Chrysene-d12	14.06	240	338742	20.00	ng	-0.01
87) Perylene-d12	15.53	264	304869	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	156416	21.70	ng	0.00
7) Phenol-d6	6.52	99	541930	59.92	ng	0.00
23) Nitrobenzene-d5	7.45	82	470365	67.79	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	4180	1.91	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	898358	78.24	ng	0.00
79) Terphenyl-d14	13.00	244	929265	56.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	709	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propylamine	7.45	70	62095	10.602 ng	#	78
25) Isophorone	7.45	82	470360	33.132 ng	#	65
50) Dimethylphthalate	9.64	163	90632	6.979 ng		100
54) 2,4-Dinitrophenol	10.19	184	134	8.419 ng	#	57
65) 4,6-Dinitro-2-methylphenol	10.50	198	123	7.383 ng	#	1

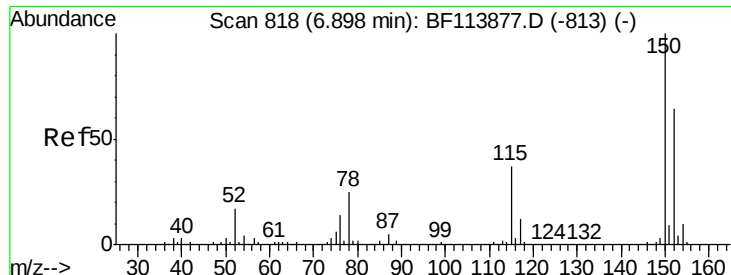
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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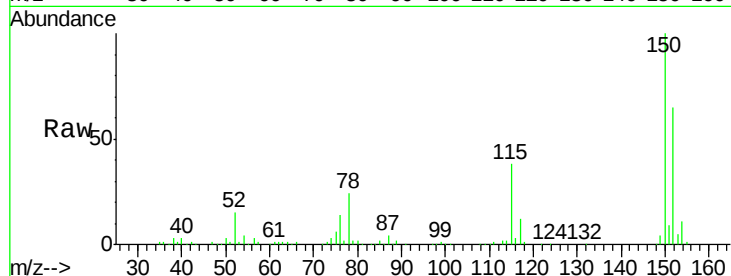


#1

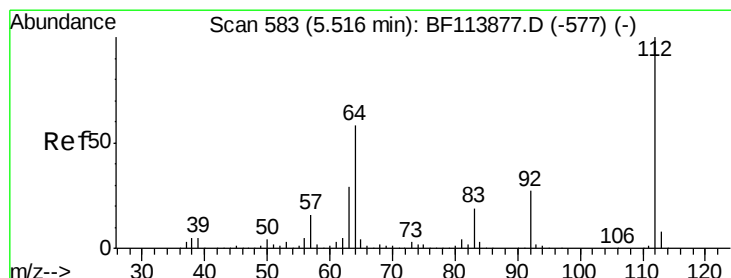
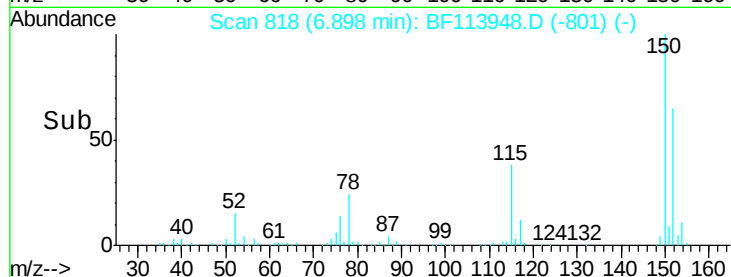
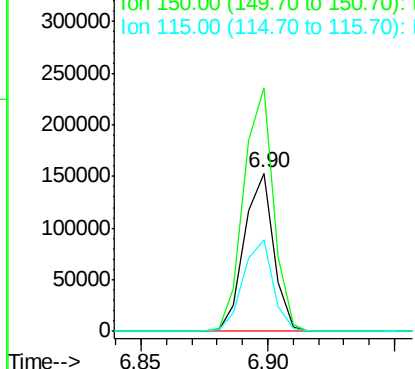
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113948.D
Acq: 24 Apr 2019 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123298
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 57.8 45.9 68.9



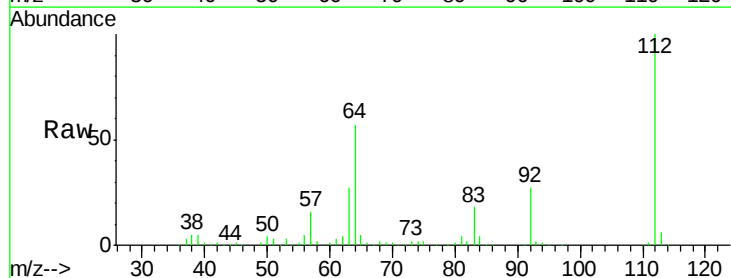
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



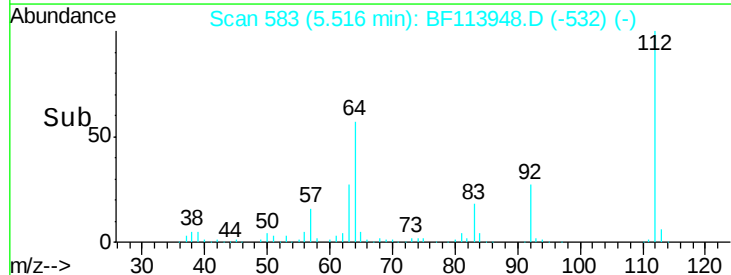
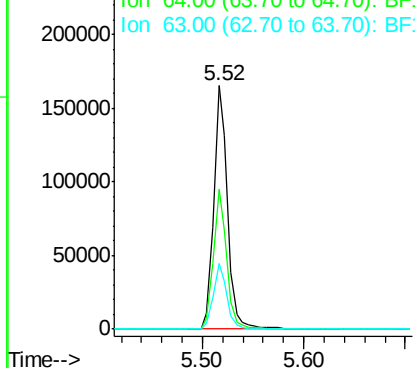
#5

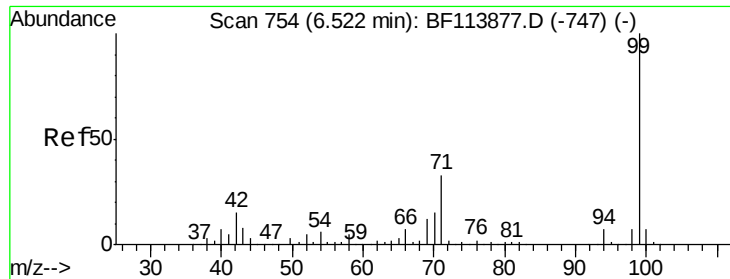
2-Fluorophenol
Concen: 21.698 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF113948.D
Acq: 24 Apr 2019 4:33

Tgt Ion:112 Resp: 156416
Ion Ratio Lower Upper
112 100
64 57.4 46.6 69.8
63 27.2 23.1 34.7



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





#7

Phenol-d6

Concen: 59.919 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

Instrument :

BNA_F

ClientSampleId :

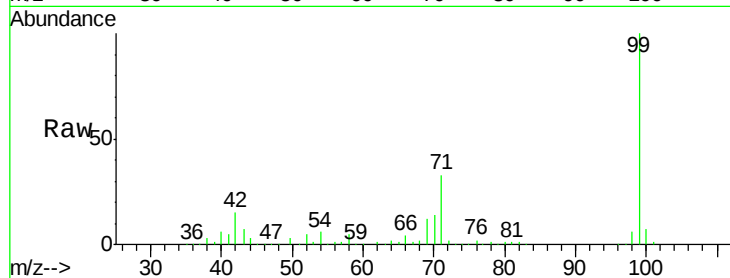
Tot Ion: 99 Resp: 541930

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

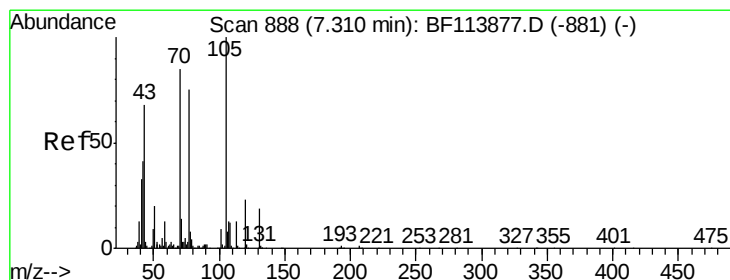
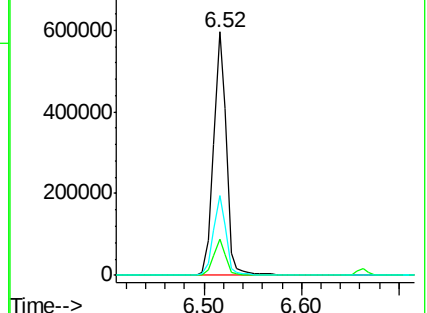
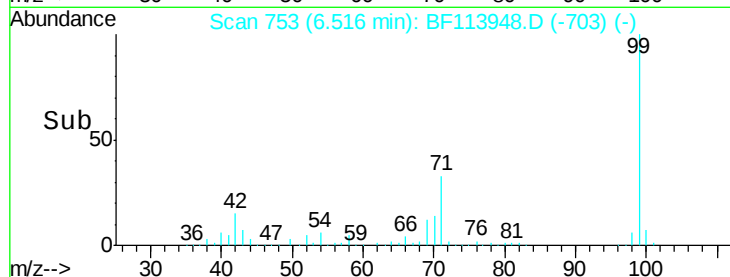
71 33.0 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.602 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

Tgt Ion: 70 Resp: 62095

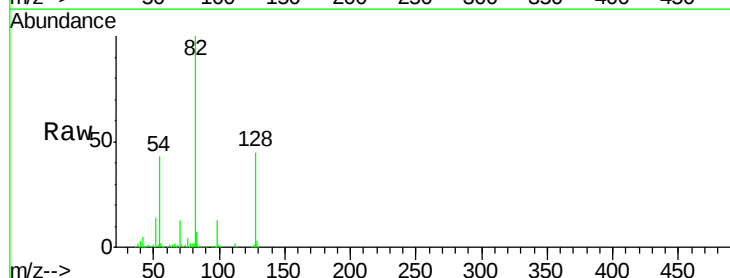
Ion Ratio Lower Upper

70 100

42 39.4 37.3 55.9

101 0.0 7.8 11.8#

130 1.8 18.2 27.2#

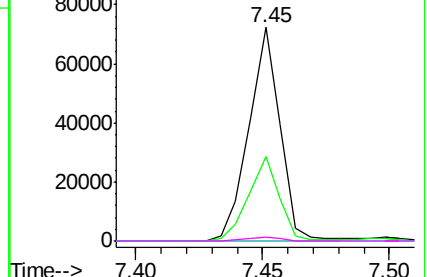
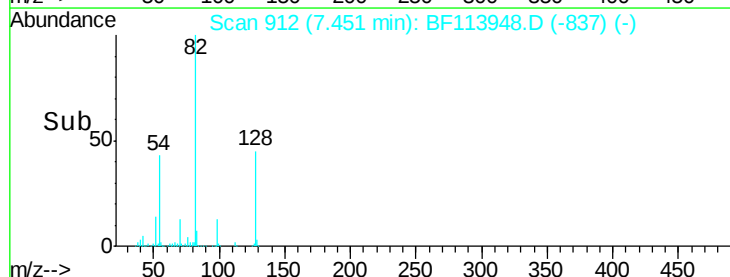


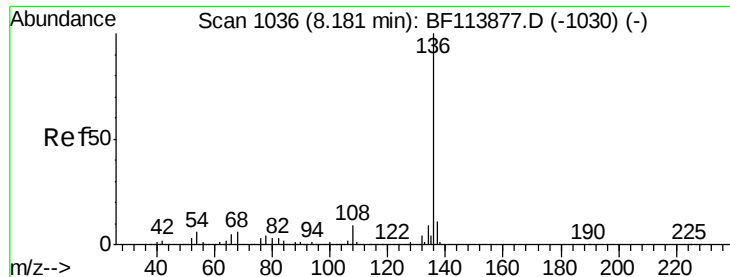
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 428383

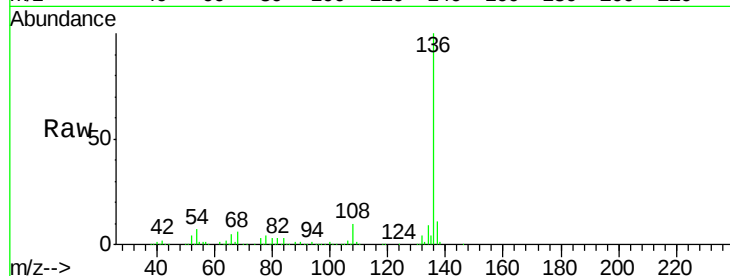
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 6.7 5.0 7.6

68 6.4 4.9 7.3

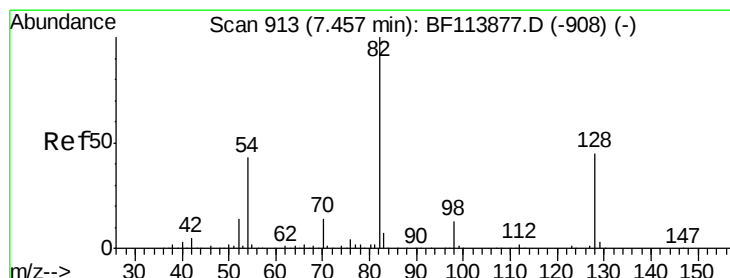
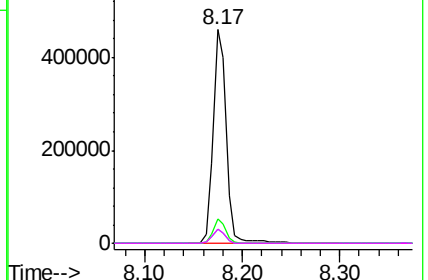
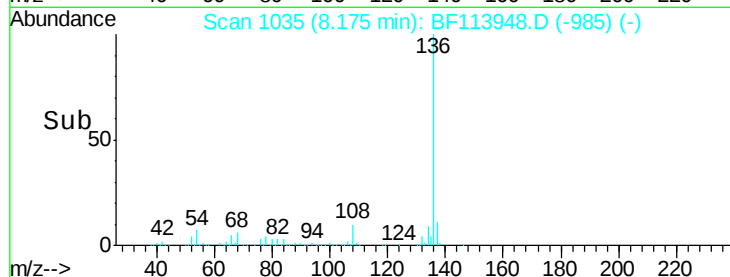


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 67.795 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

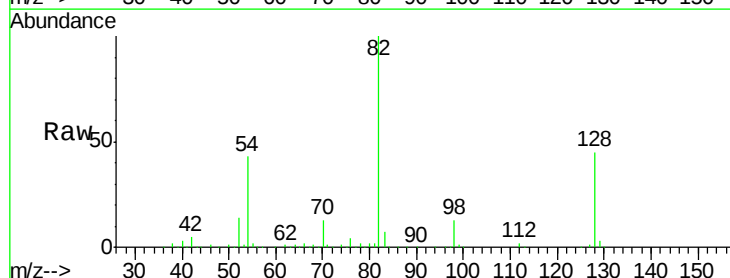
Tgt Ion: 82 Resp: 470365

Ion Ratio Lower Upper

82 100

128 45.5 36.8 55.2

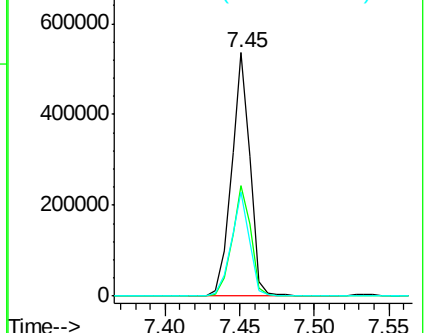
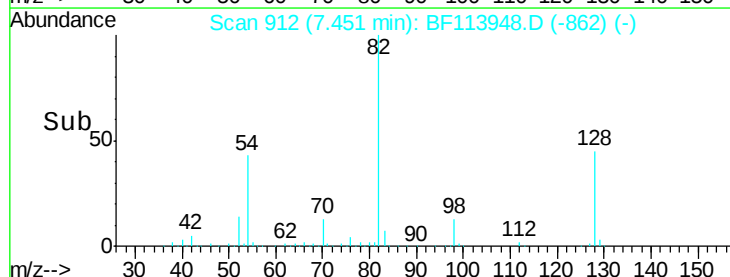
54 42.6 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.132 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

Instrument :

BNA_F

ClientSampleId :

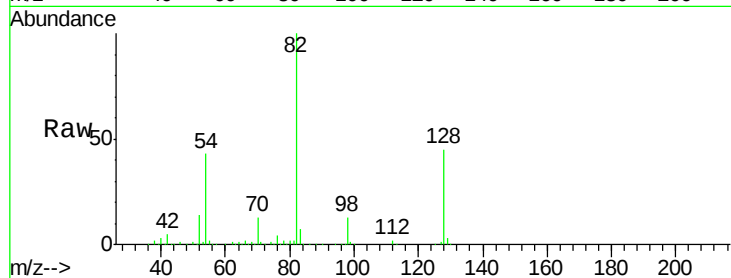
Tot Ion: 82 Resp: 470360

Ion Ratio Lower Upper

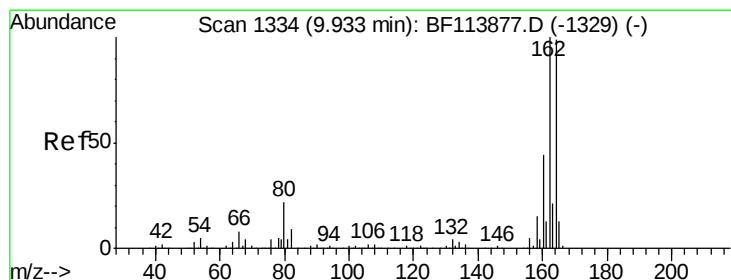
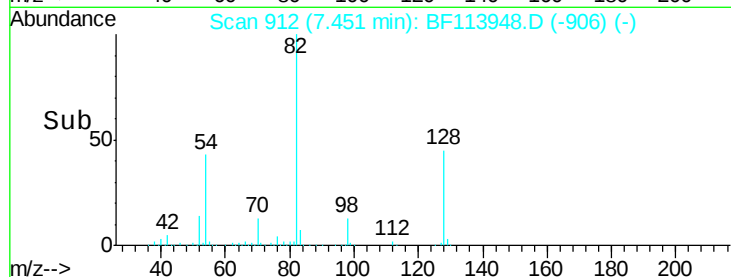
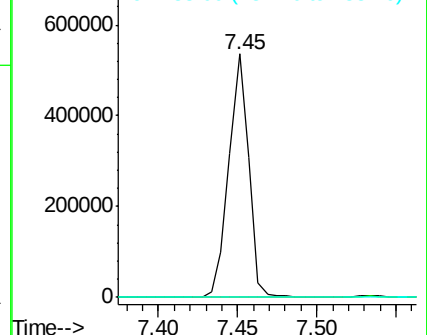
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

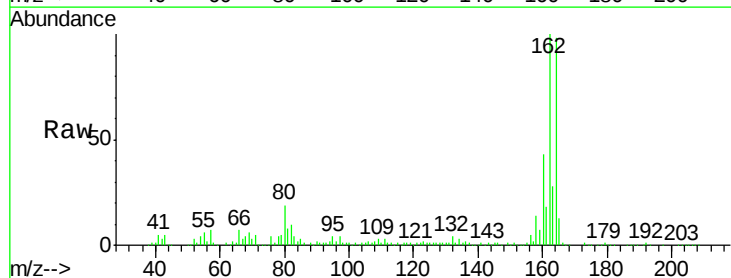
Tgt Ion: 164 Resp: 179573

Ion Ratio Lower Upper

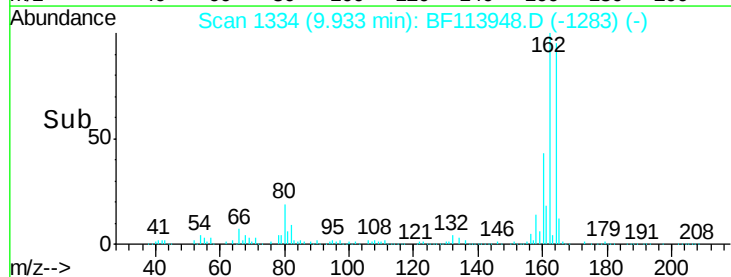
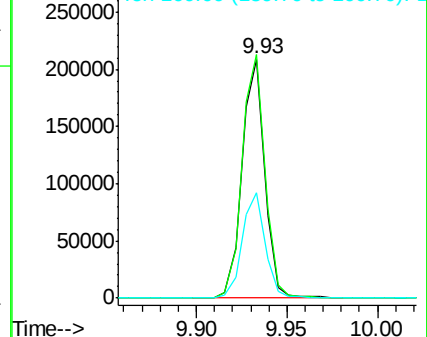
164 100

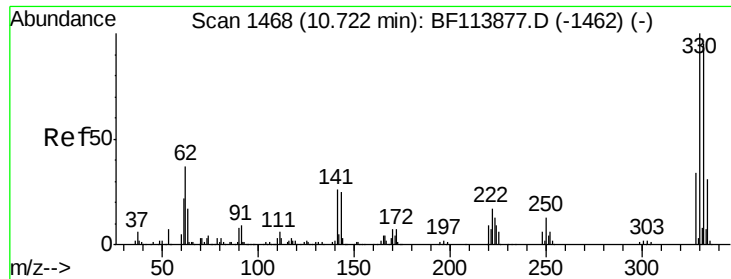
162 101.9 81.1 121.7

160 44.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

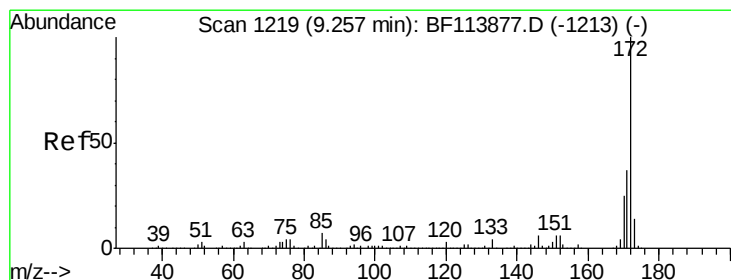
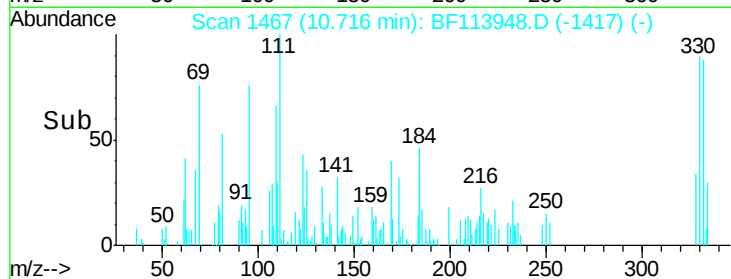
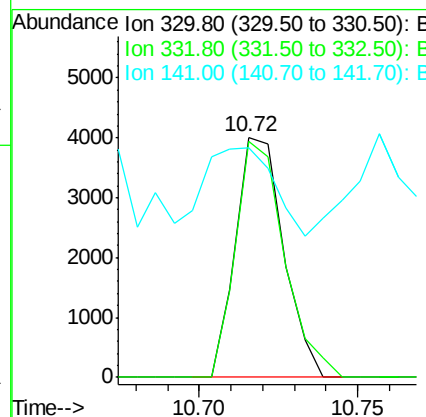
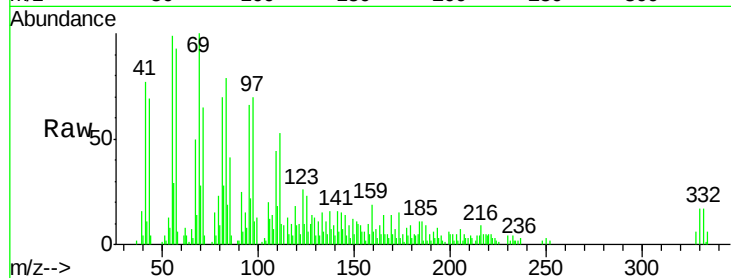




#42
 2,4,6-Tribromophenol
 Concen: 1.911 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113948.D
 Acq: 24 Apr 2019 4:33

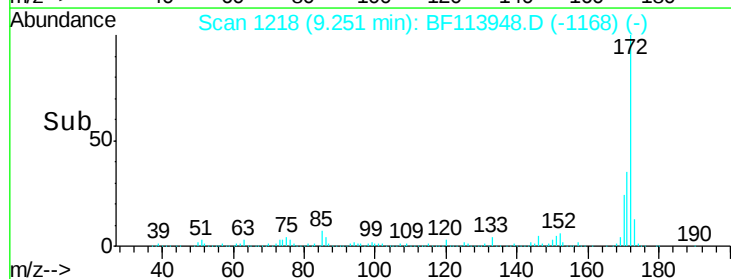
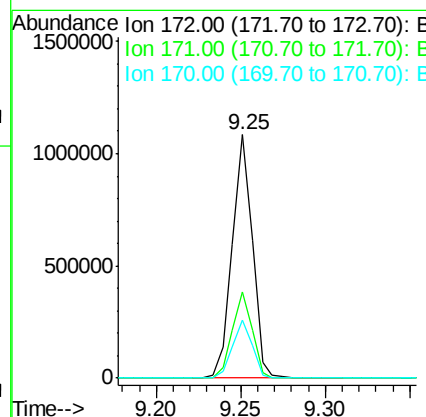
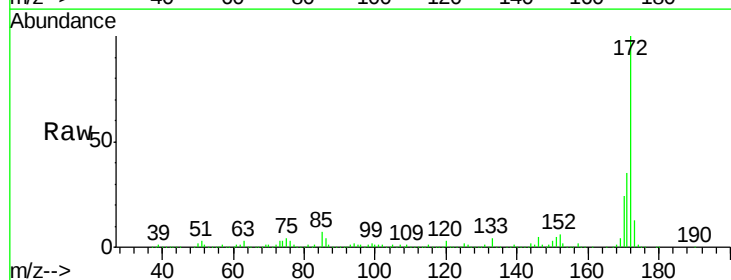
Instrument :
 BNA_F
 ClientSampled :

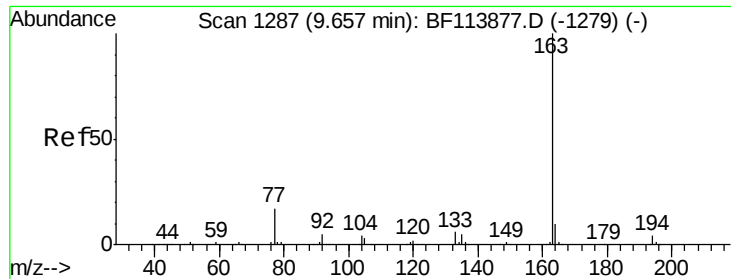
Tot Ion:330 Resp: 4180
 Ion Ratio Lower Upper
 330 100
 332 100.3 77.5 116.3
 141 53.0 22.2 33.2#



#45
 2-Fluorobiphenyl
 Concen: 78.244 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113948.D
 Acq: 24 Apr 2019 4:33

Tgt Ion:172 Resp: 898358
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 24.0 19.9 29.9

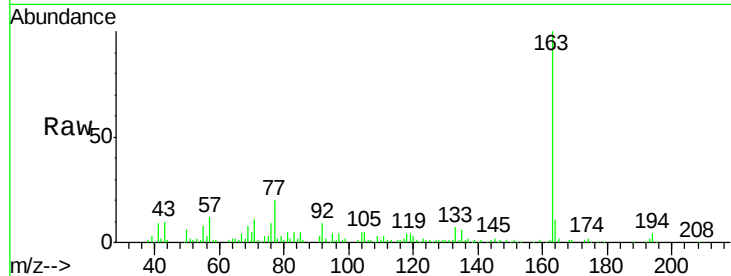




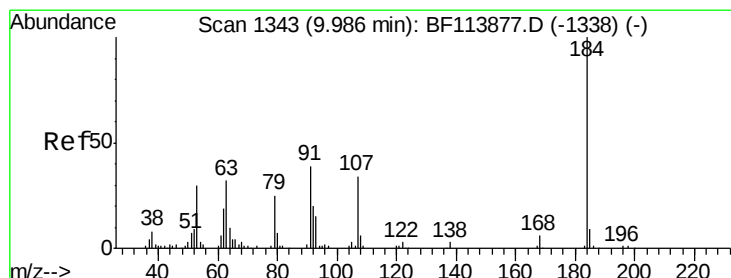
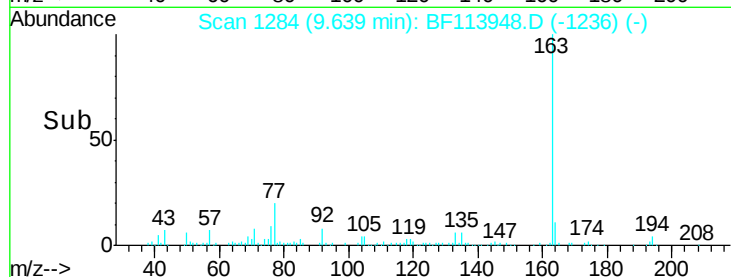
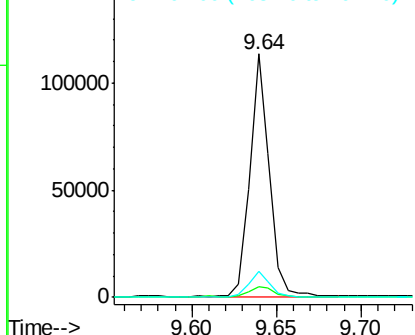
#50
Dimethylphthalate
Concen: 6.979 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113948.D
Acq: 24 Apr 2019 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 90632
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.6 8.5 12.7

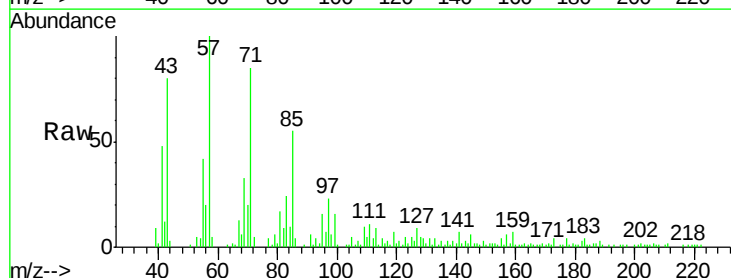


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

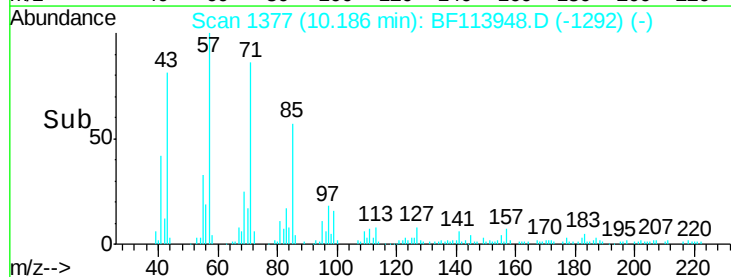
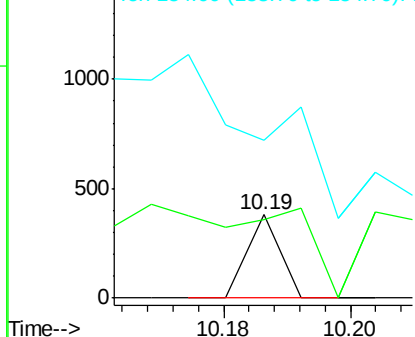


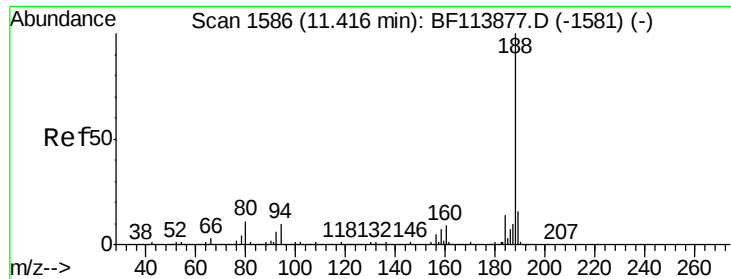
#54
2,4-Dinitrophenol
Concen: 8.419 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.20 min
Lab File: BF113948.D
Acq: 24 Apr 2019 4:33

Tgt Ion:184 Resp: 134
Ion Ratio Lower Upper
184 100
63 95.0 54.6 81.8#
154 189.7 218.6 328.0#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

Instrument :

BNA_F

ClientSampleId :

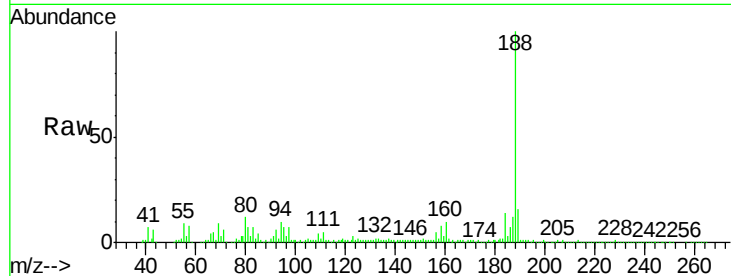
Tot Ion:188 Resp: 302034

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

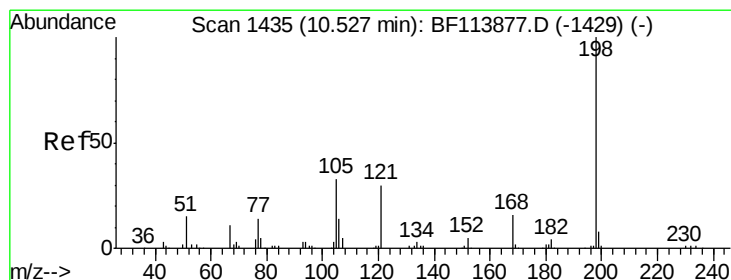
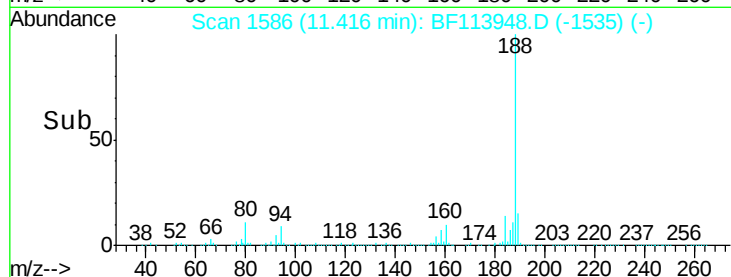
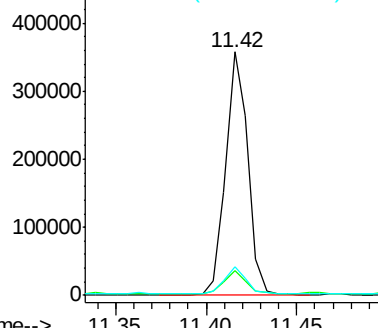
80 11.5 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.383 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF113948.D

Acq: 24 Apr 2019 4:33

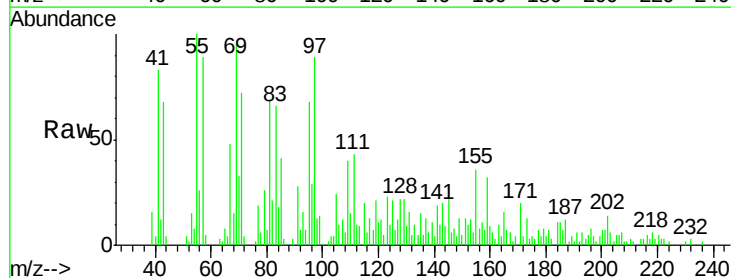
Tgt Ion:198 Resp: 123

Ion Ratio Lower Upper

198 100

51 229.1 11.1 51.1#

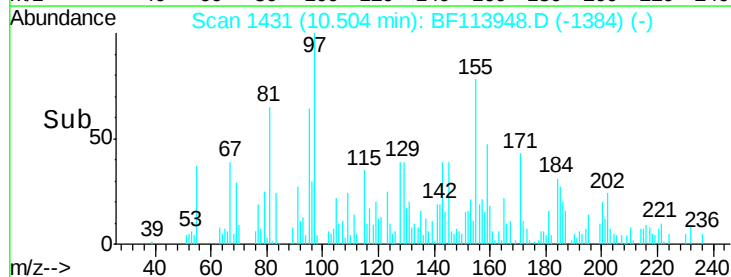
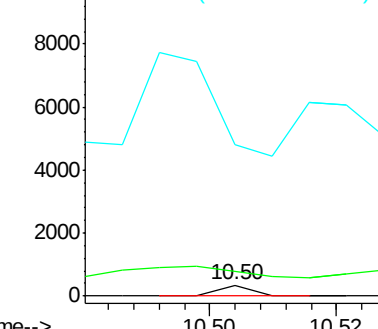
105 1370.9 20.7 60.7#

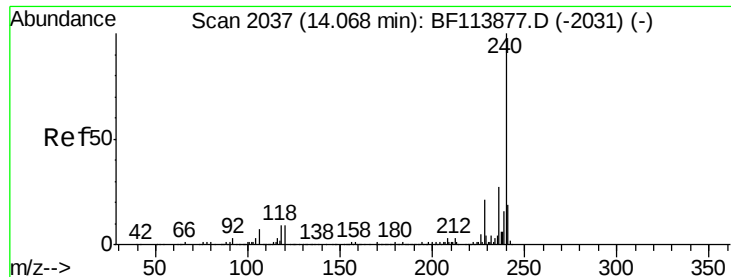


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

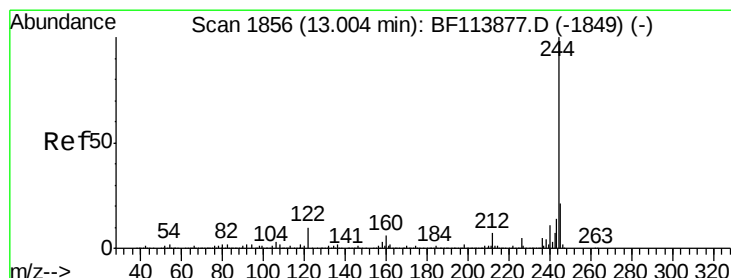
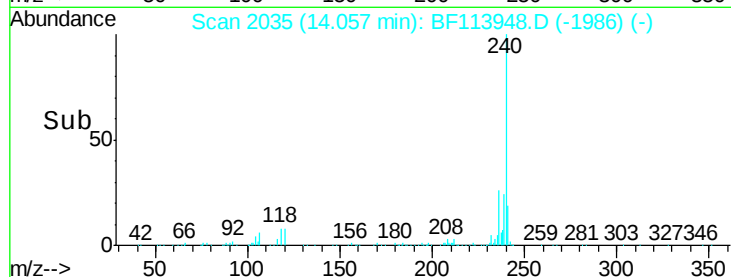
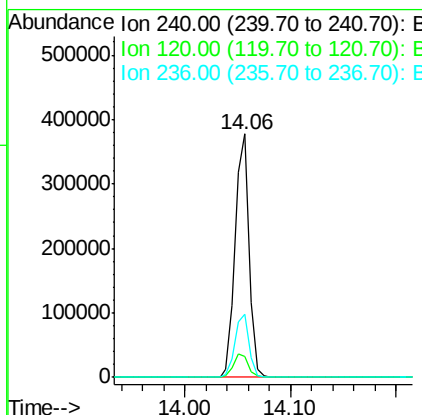
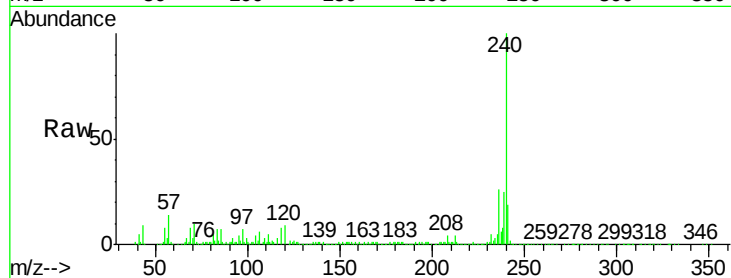




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113948.D
 Acq: 24 Apr 2019 4:33

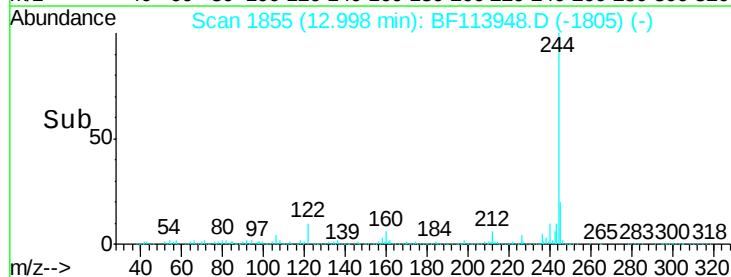
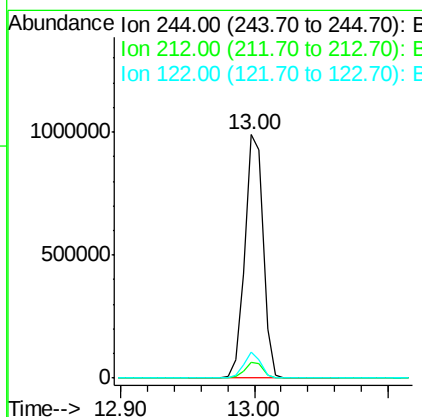
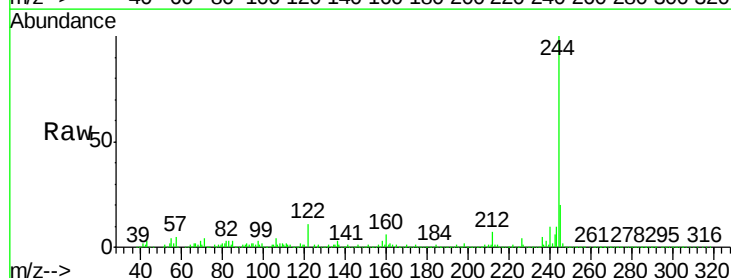
Instrument :
 BNA_F
 ClientSampleId :

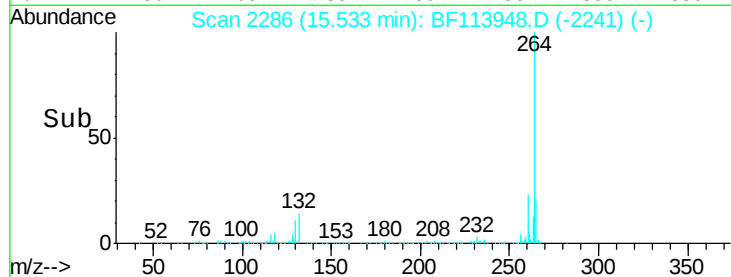
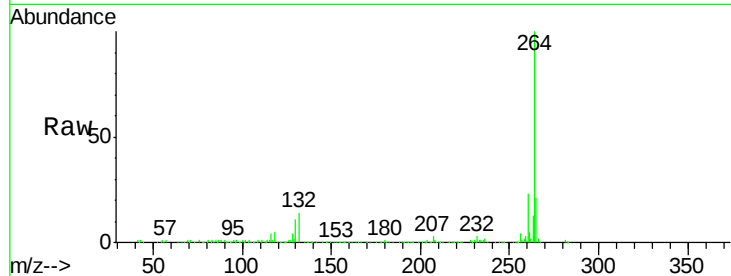
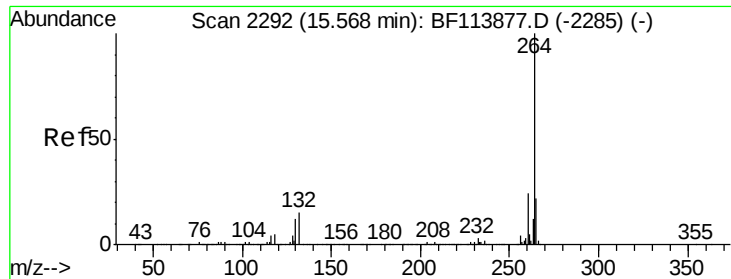
Tot Ion:240 Resp: 338742
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.3 13.9#
 236 25.9 21.2 31.8



#79
 Terphenyl-d14
 Concen: 56.241 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF113948.D
 Acq: 24 Apr 2019 4:33

Tgt Ion:244 Resp: 929265
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.7 7.6 11.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF113948.D
Acq: 24 Apr 2019 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.3	17.3	25.9

