

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113680.D
 Acq On : 10 Apr 2019 2:34
 Operator : JU/SJ
 Sample : K2338-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 04:57:46 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

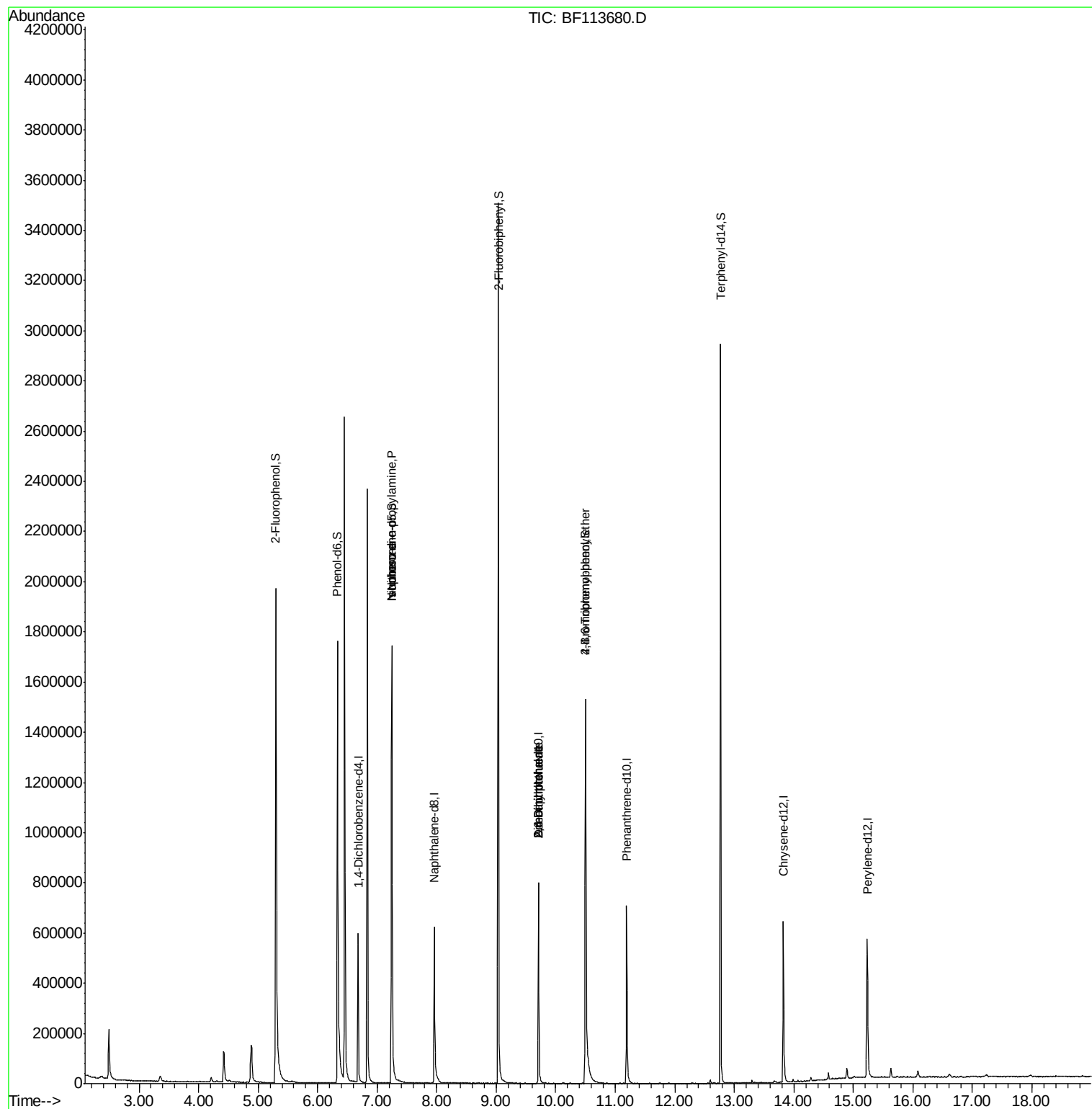
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	105830	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	388861	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	177464	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	333175	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	285472	20.00	ng	-0.02
87) Perylene-d12	15.23	264	284369	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	751006	121.01	ng	0.00
7) Phenol-d6	6.33	99	887239	115.99	ng	0.00
23) Nitrobenzene-d5	7.25	82	641117	96.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	304198	142.70	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1187965	107.77	ng	-0.02
79) Terphenyl-d14	12.77	244	1140462	81.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	81824	17.347	ng	# 77
25) Isophorone	7.25	82	641114	50.132	ng	# 64
50) Dimethylphthalate	9.71	163	42889	3.279	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	22324	7.742	ng	# 27
57) 2,4-Dinitrotoluene	9.71	165	22324	6.401	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	16994	4.548	ng	# 1

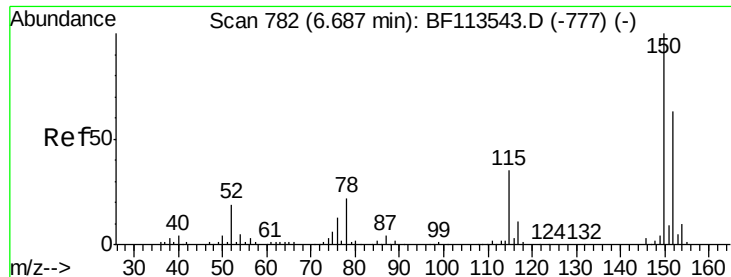
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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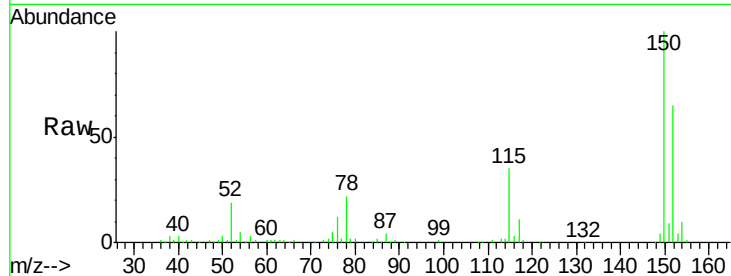


#1

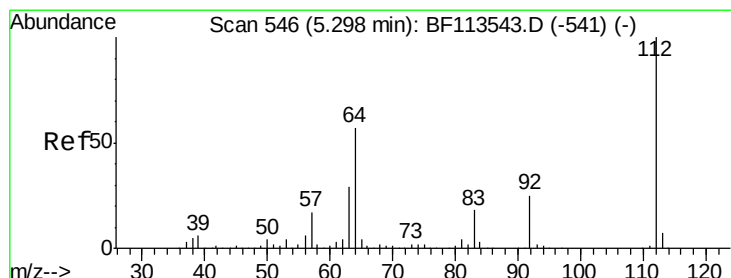
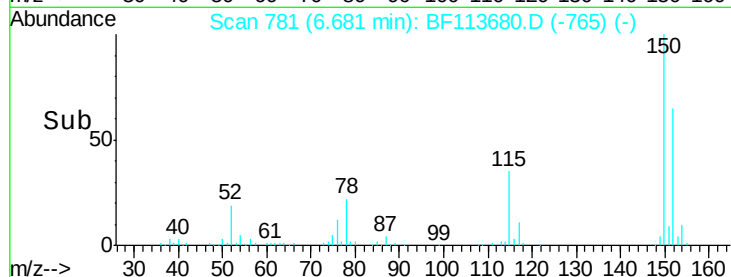
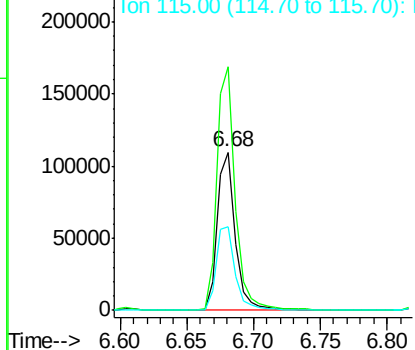
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113680.D
Acq: 10 Apr 2019 2:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.7	187.1
115	53.2	46.0	69.0



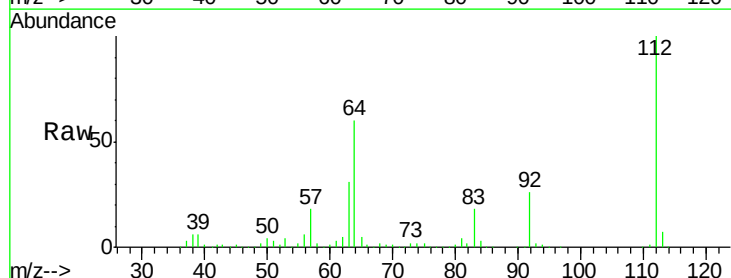
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



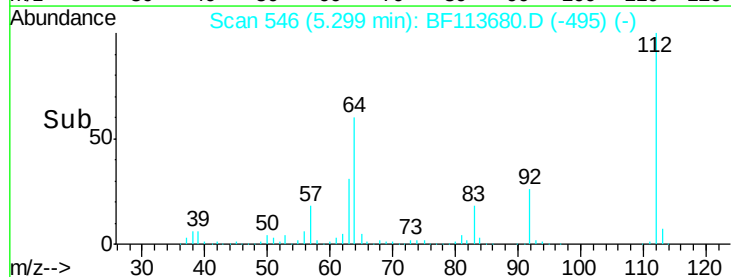
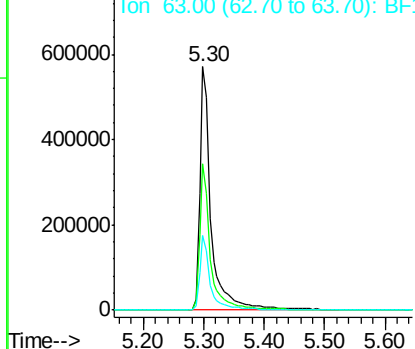
#5

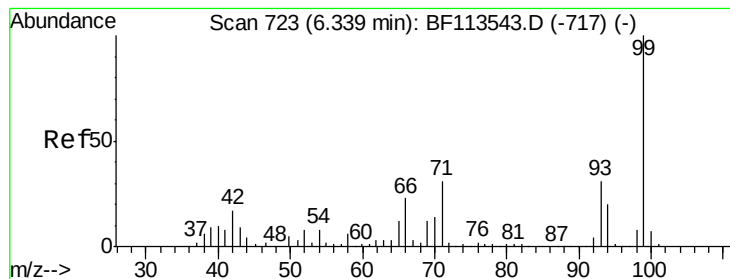
2-Fluorophenol
Concen: 121.009 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113680.D
Acq: 10 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.2	73.8
63	30.8	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





#7

Phenol-d6

Concen: 115.991 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

Instrument :

BNA_F

ClientSampled :

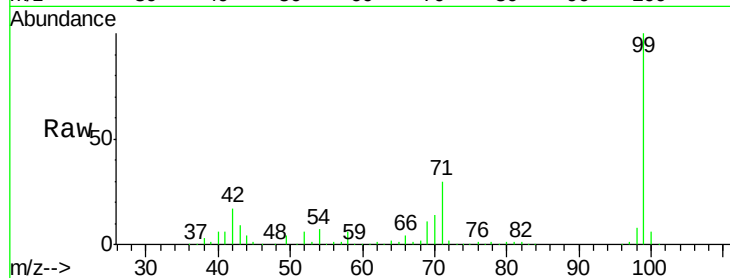
Tot Ion: 99 Resp: 887239

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

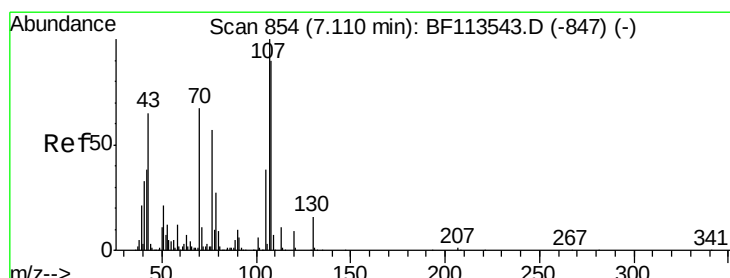
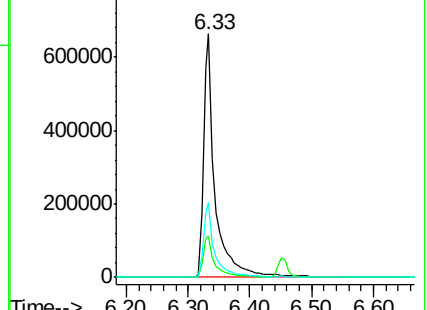
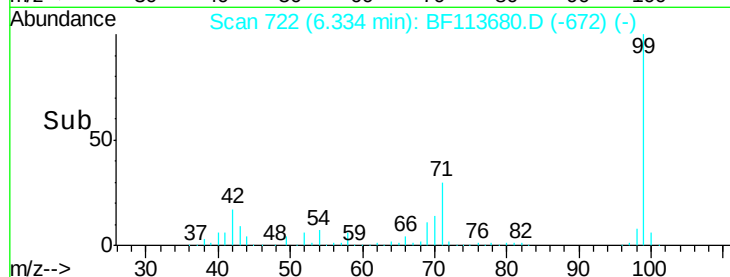
71 30.5 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.347 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

Tgt Ion: 70 Resp: 81824

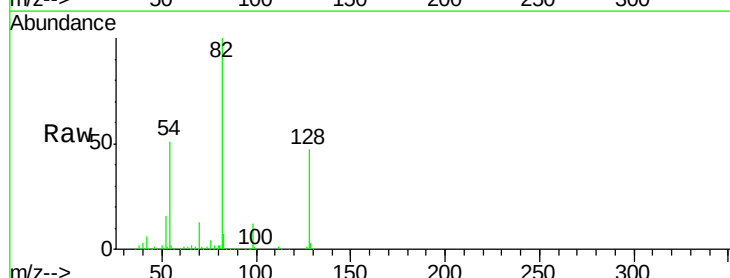
Ion Ratio Lower Upper

70 100

42 48.9 48.4 72.6

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

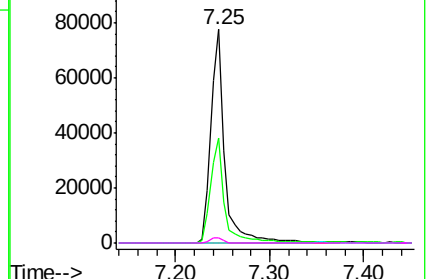
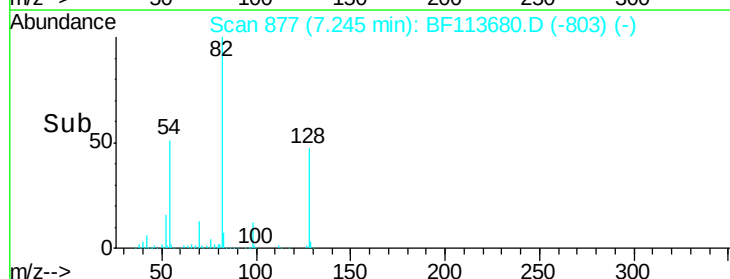


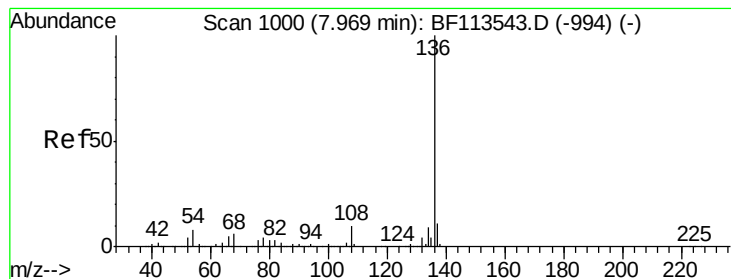
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 388861

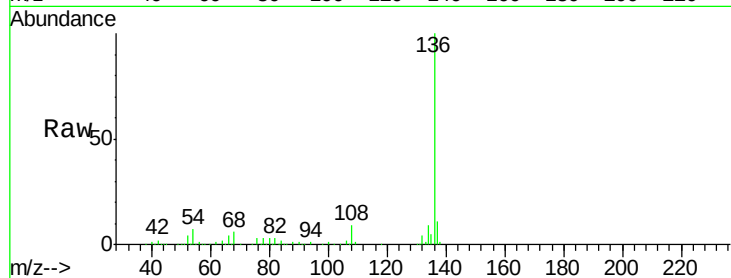
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 7.0 10.6

68 5.6 4.8 7.2

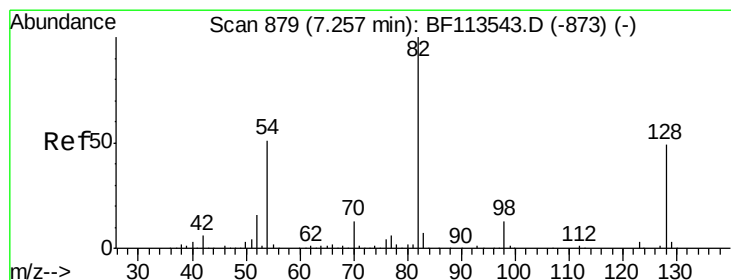
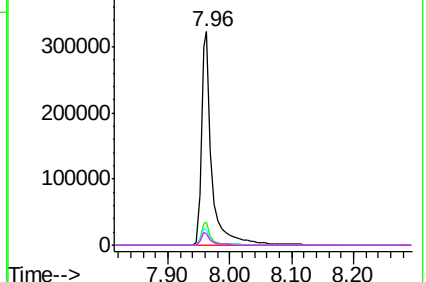
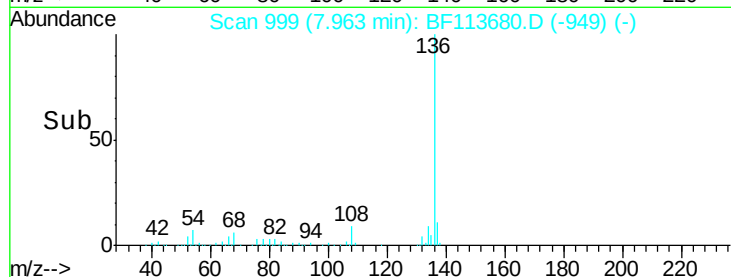


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 96.573 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

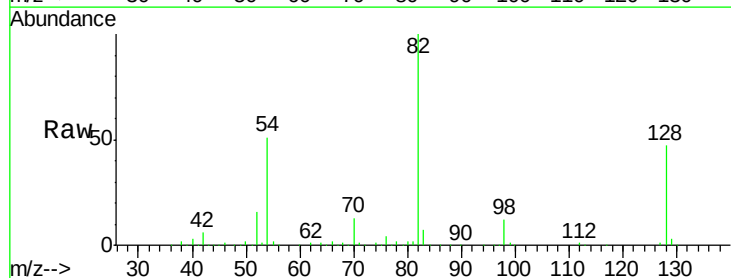
Tgt Ion: 82 Resp: 641117

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

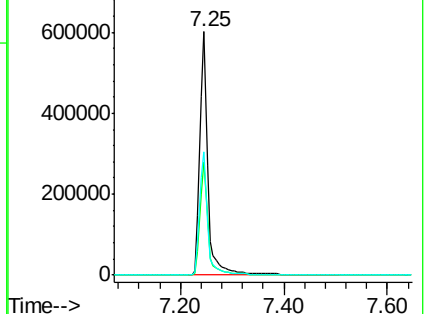
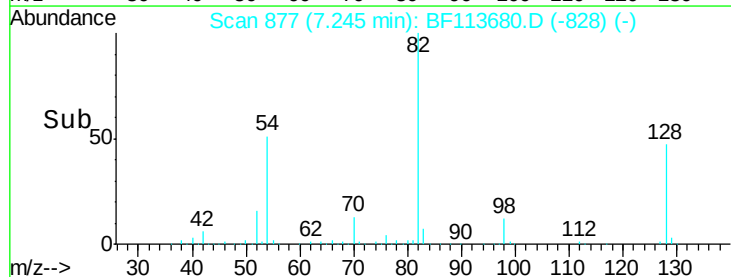
54 50.7 42.2 63.2

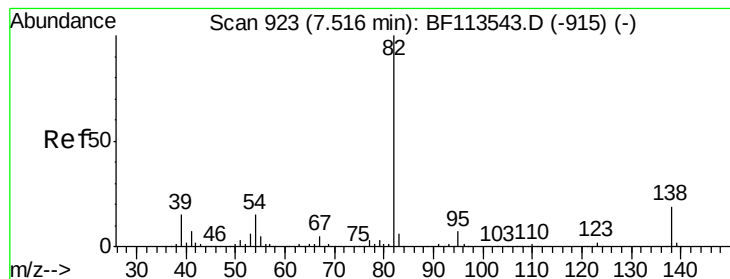


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.132 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

Instrument :

BNA_F

ClientSampleId :

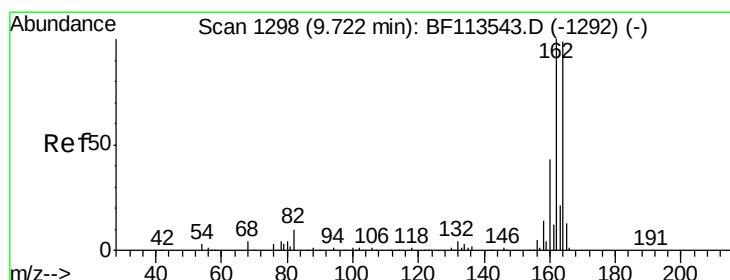
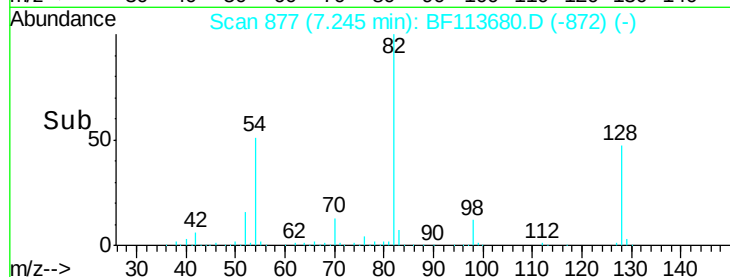
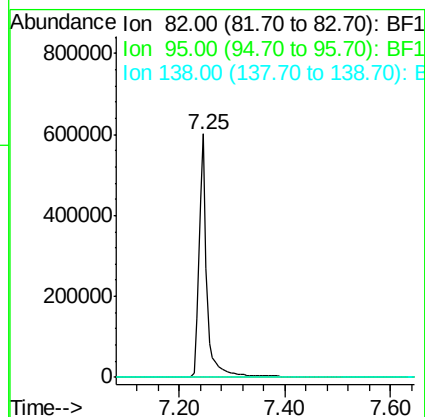
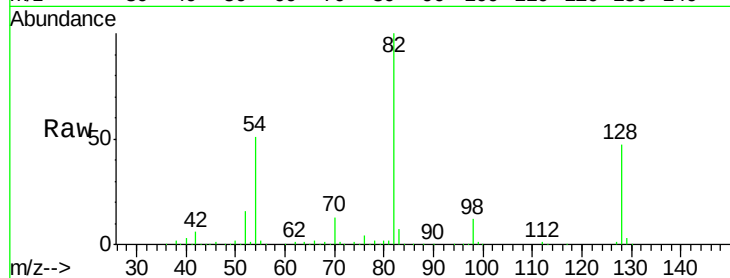
Tot Ion: 82 Resp: 641114

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

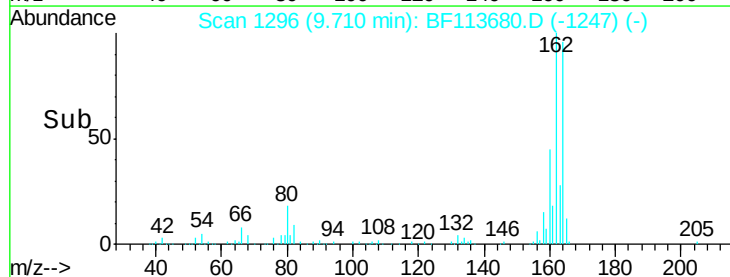
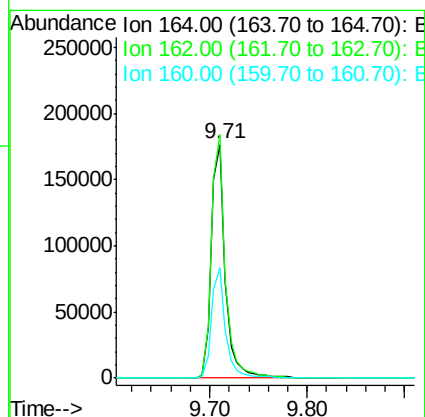
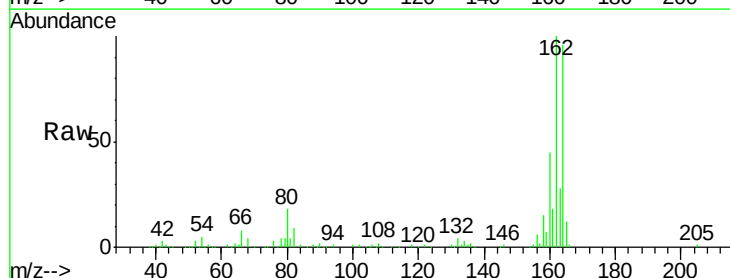
Tgt Ion:164 Resp: 177464

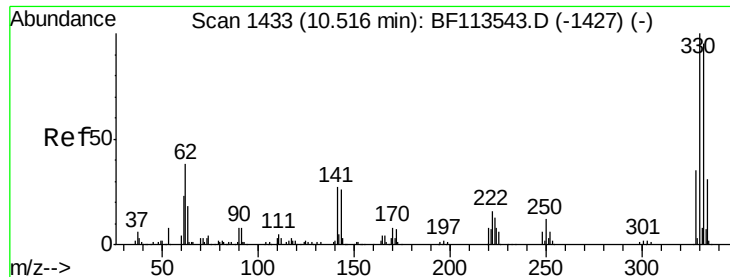
Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.6

160 47.3 36.4 54.6

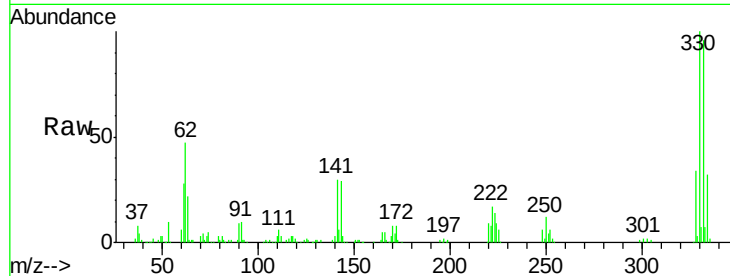




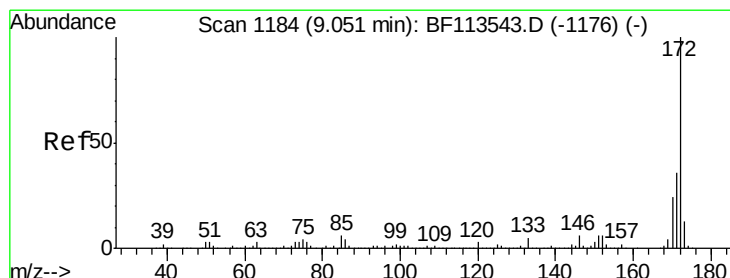
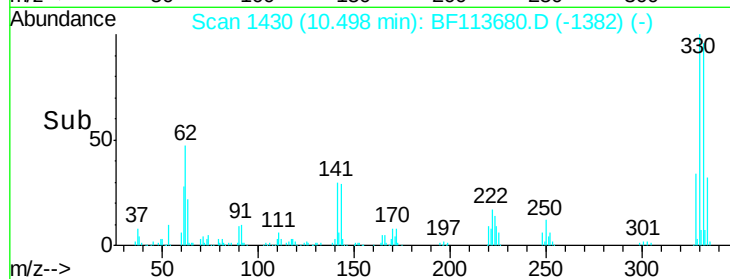
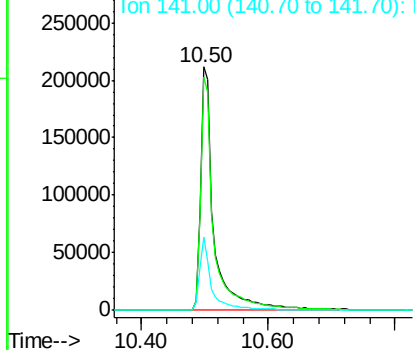
#42
 2,4,6-Tribromophenol
 Concen: 142.697 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113680.D
 Acq: 10 Apr 2019 2:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 304198
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.6
 141 27.3 22.7 34.1

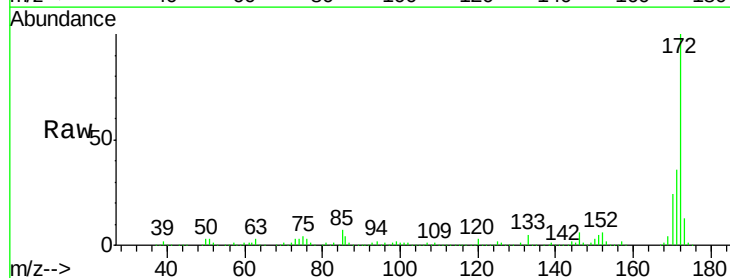


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

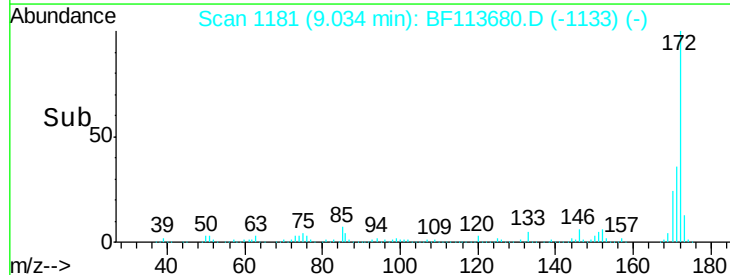
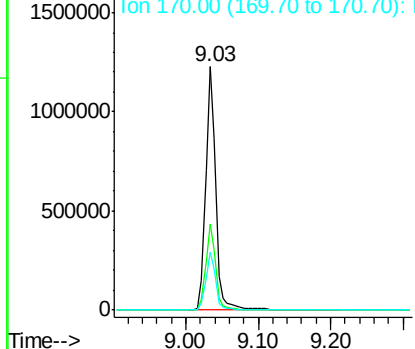


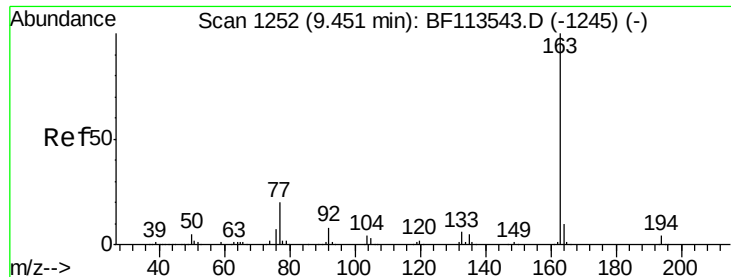
#45
 2-Fluorobiphenyl
 Concen: 107.768 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113680.D
 Acq: 10 Apr 2019 2:34

Tgt Ion:172 Resp: 1187965
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.9 19.5 29.3



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





#50

Dimethylphthalate

Concen: 3.279 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.26 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

Instrument :

BNA_F

ClientSampleId :

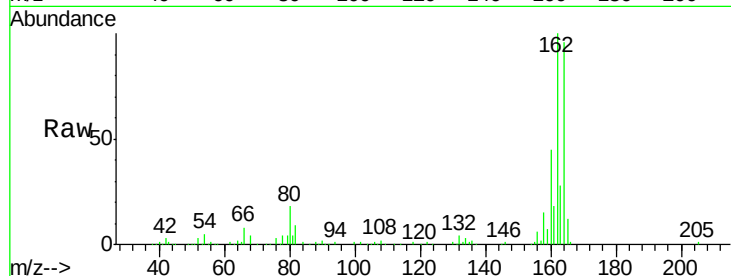
Tot Ion:163 Resp: 42889

Ion Ratio Lower Upper

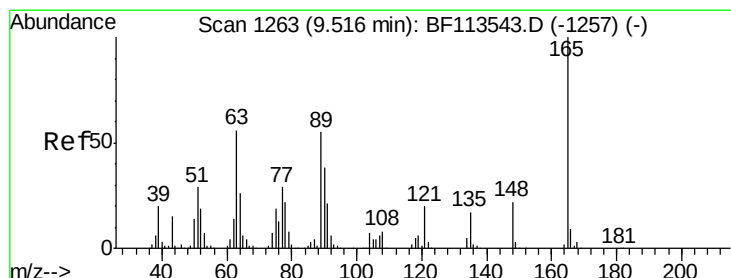
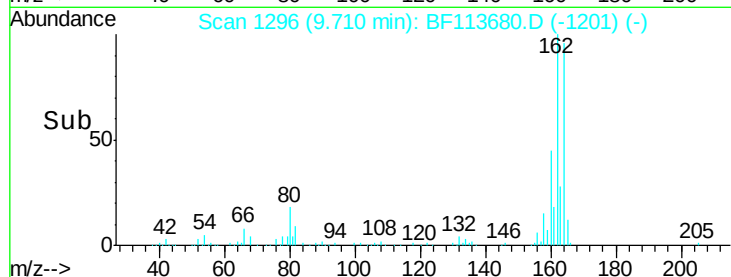
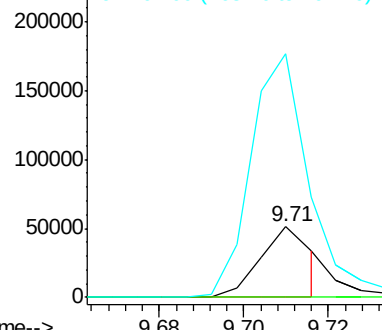
163 100

194 0.0 3.0 4.6#

164 345.3 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.742 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

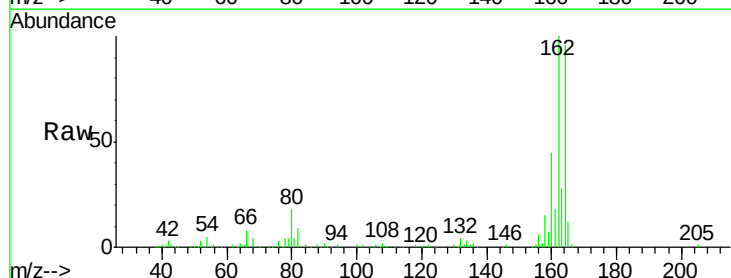
Tgt Ion:165 Resp: 22324

Ion Ratio Lower Upper

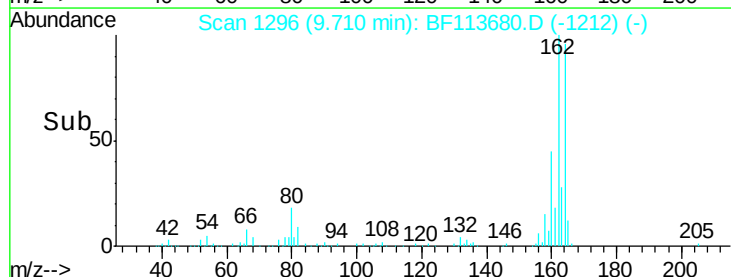
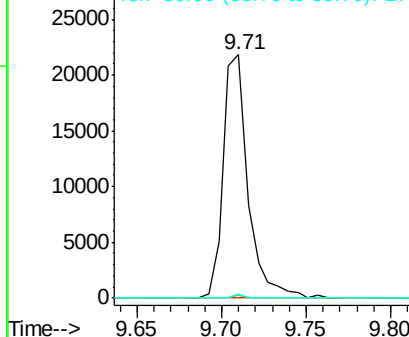
165 100

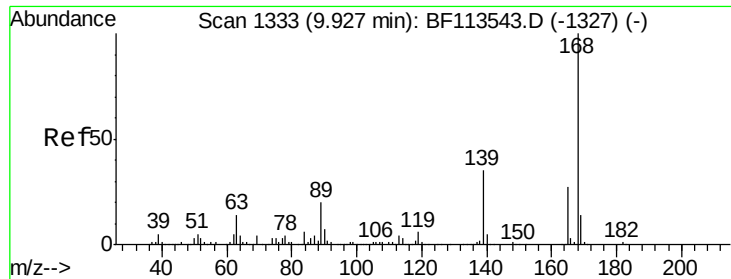
63 1.4 43.4 65.0#

89 1.5 43.1 64.7#



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

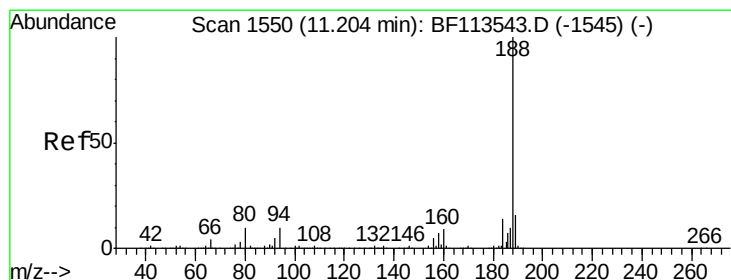
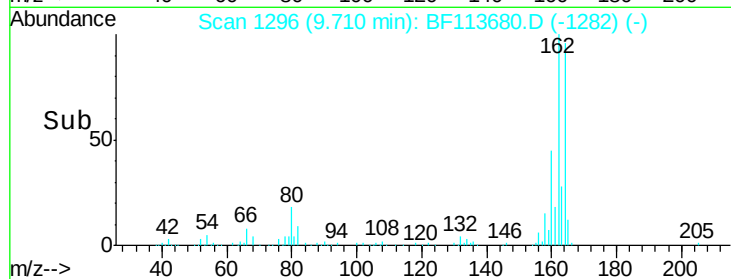
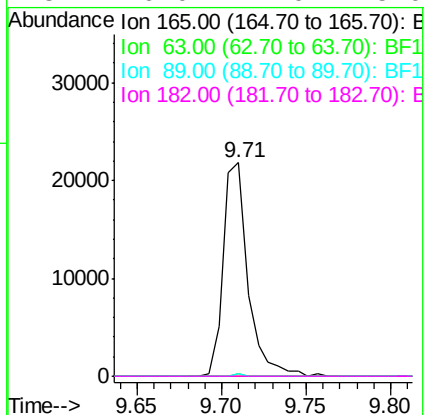
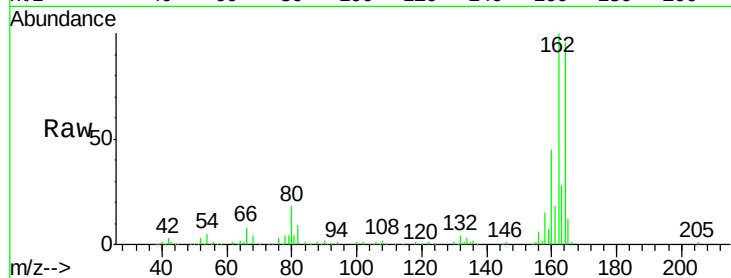




#57
 2,4-Dinitrotoluene
 Concen: 6.401 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113680.D
 Acq: 10 Apr 2019 2:34

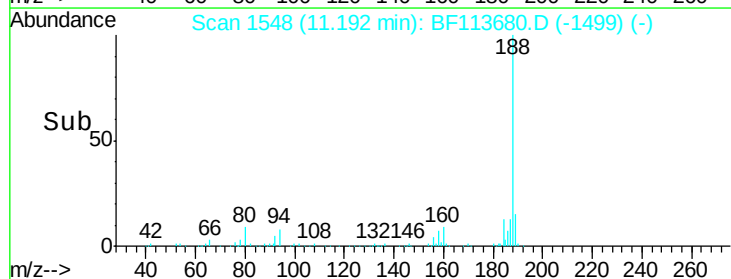
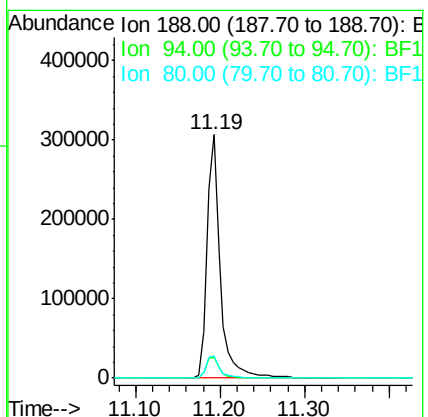
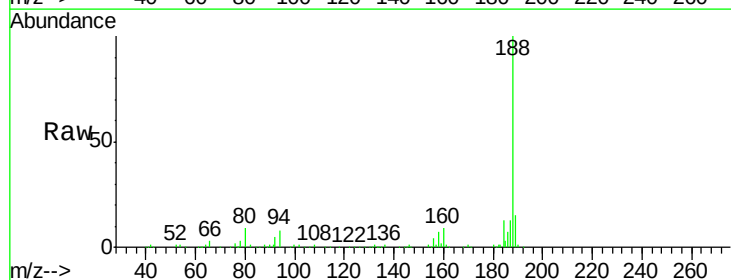
Instrument :
 BNA_F
 ClientSampleId :

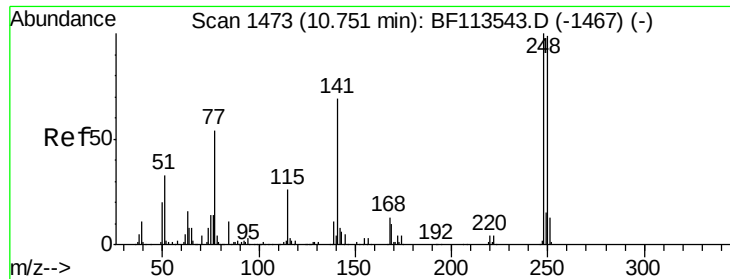
Tot Ion:165 Resp: 22324
 Ion Ratio Lower Upper
 165 100
 63 1.4 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113680.D
 Acq: 10 Apr 2019 2:34

Tgt Ion:188 Resp: 333175
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.0 10.6
 80 8.9 7.7 11.5

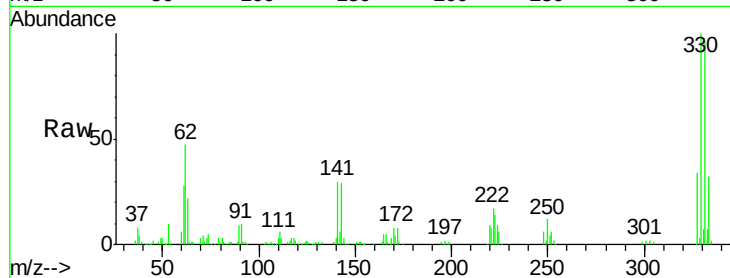




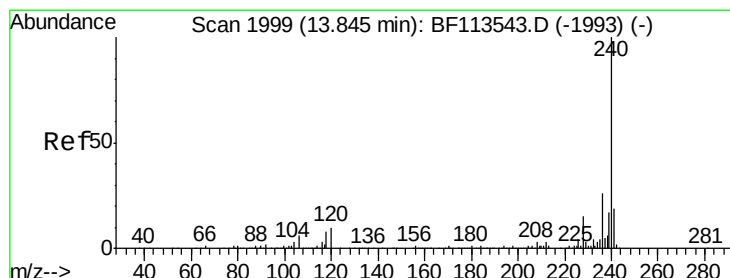
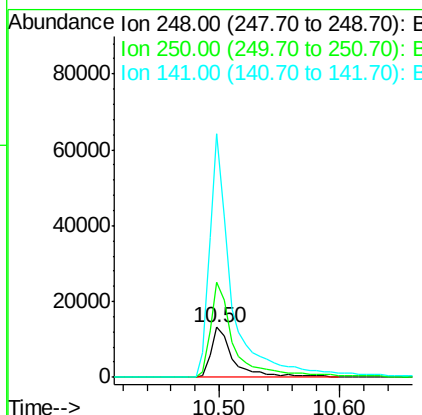
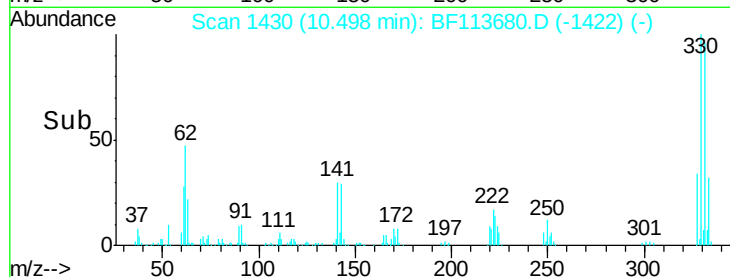
#67
4-Bromophenyl-phenylether
Concen: 4.548 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113680.D
Acq: 10 Apr 2019 2:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16994
Ion Ratio Lower Upper
248 100
250 189.9 78.3 117.5#
141 487.5 56.2 84.4#

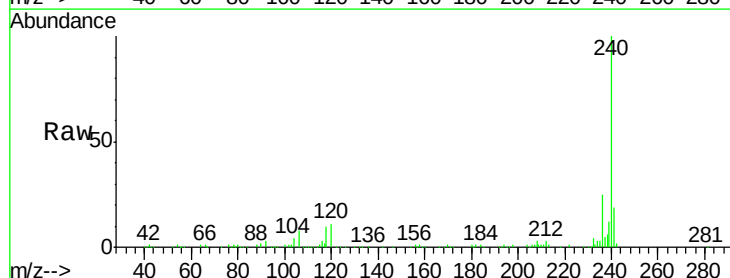


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

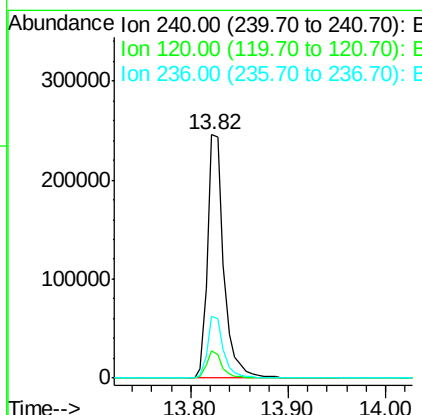
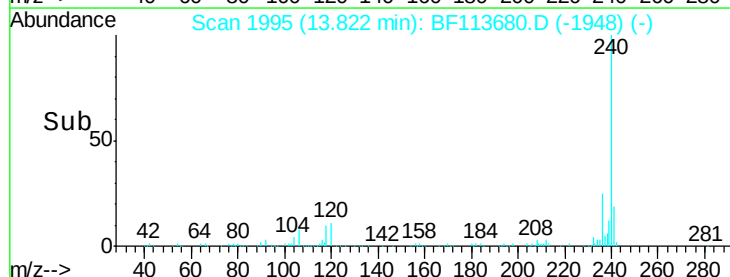


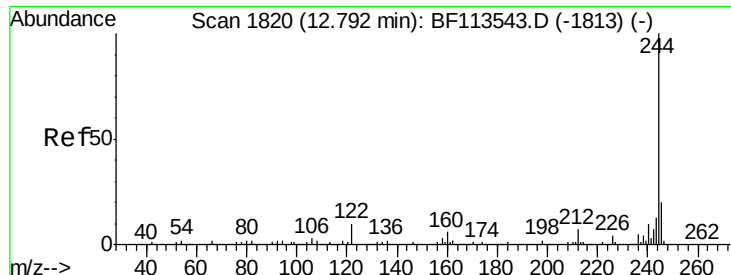
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113680.D
Acq: 10 Apr 2019 2:34

Tgt Ion:240 Resp: 285472
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.5 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





#79

Terphenyl-d14

Concen: 81.339 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

Instrument :

BNA_F

ClientSampled :

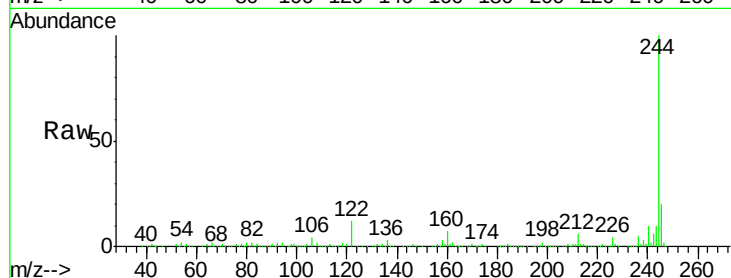
Tot Ion:244 Resp: 1140462

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

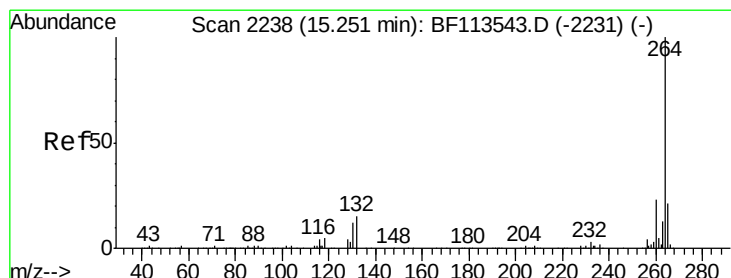
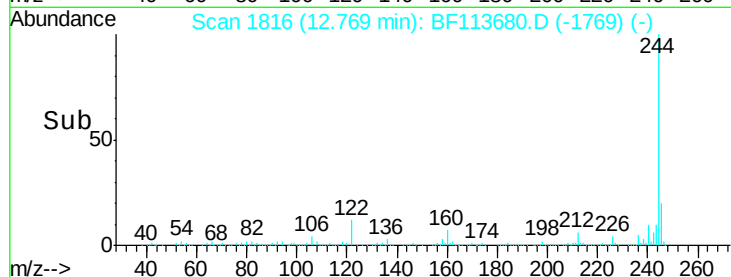
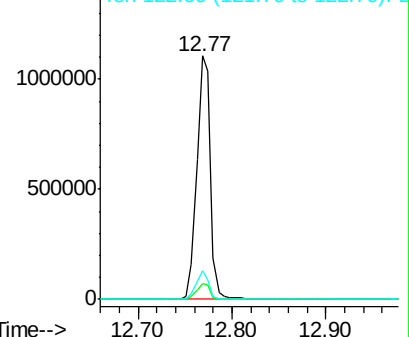
122 11.8 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113680.D

Acq: 10 Apr 2019 2:34

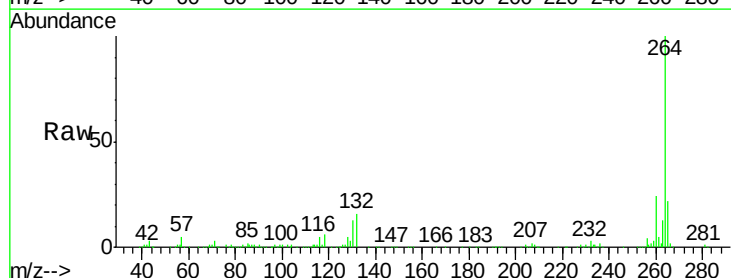
Tgt Ion:264 Resp: 284369

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

