

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113681.D
 Acq On : 10 Apr 2019 3:05
 Operator : JU/SJ
 Sample : K2338-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 04:57:55 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

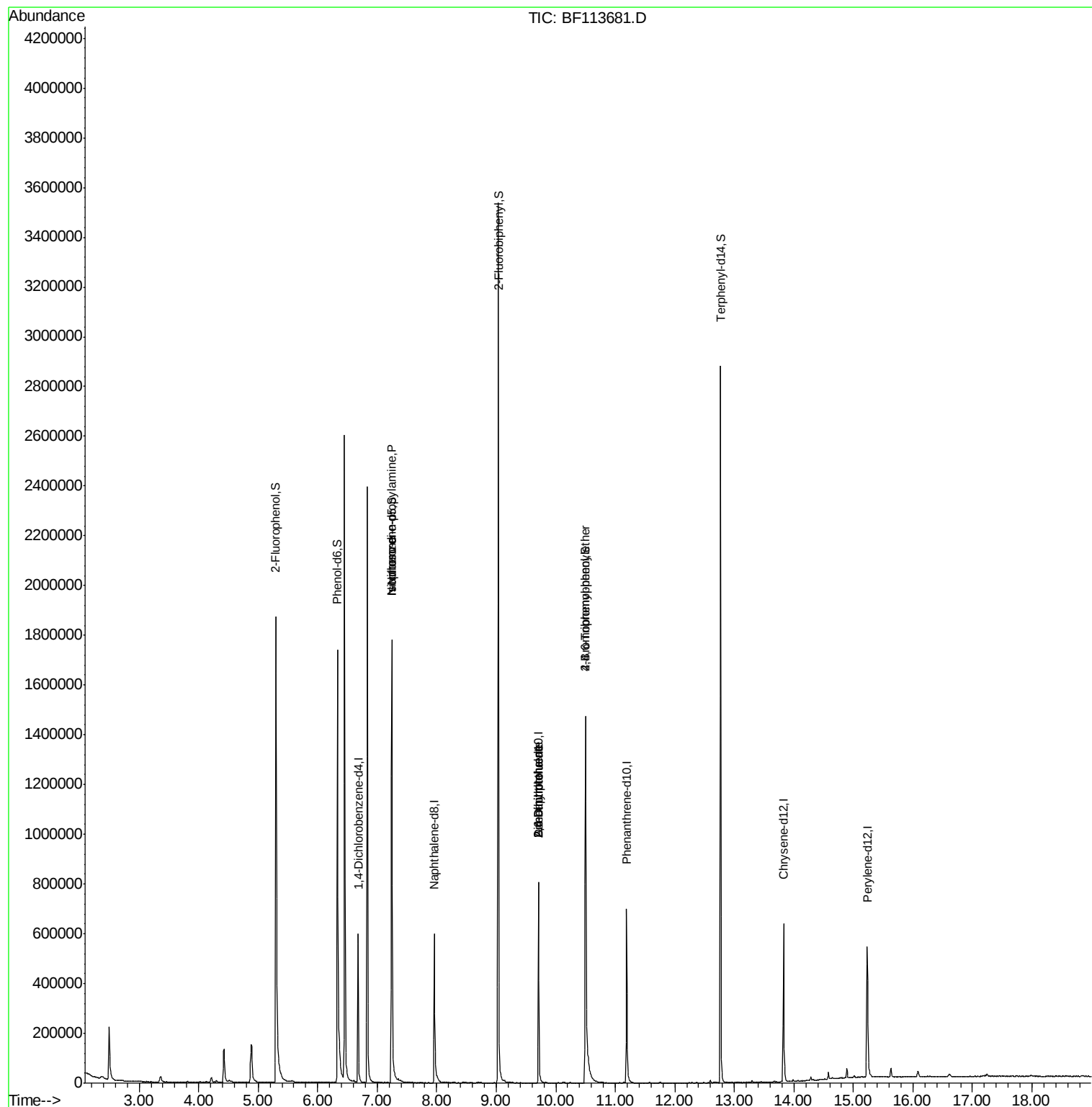
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	104615	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	391806	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	181328	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	337669	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	285734	20.00	ng	-0.02
87) Perylene-d12	15.23	264	277400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	741929	120.93	ng	0.00
7) Phenol-d6	6.33	99	869254	114.96	ng	0.00
23) Nitrobenzene-d5	7.25	82	632811	94.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	304967	140.01	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1171074	103.97	ng	-0.02
79) Terphenyl-d14	12.77	244	1161212	82.74	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	80316	17.225	ng	# 75
25) Isophorone	7.25	82	633444	49.160	ng	# 64
50) Dimethylphthalate	9.71	163	42287	3.164	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	22335	7.581	ng	# 27
57) 2,4-Dinitrotoluene	9.71	165	22335	6.268	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	17091	4.513	ng	# 1

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

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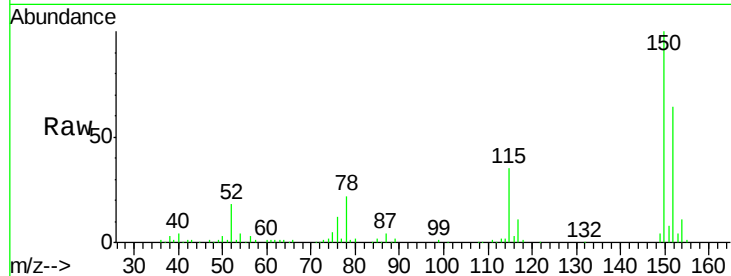


#1

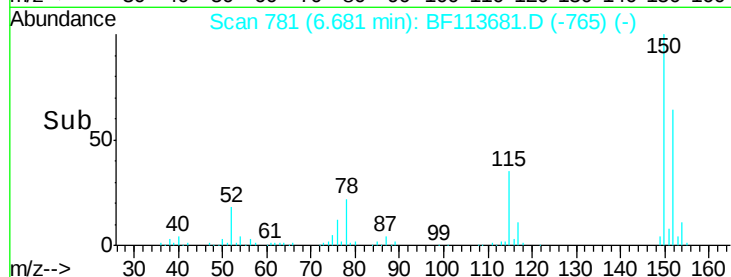
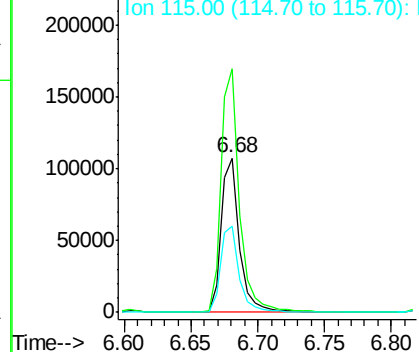
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113681.D
Acq: 10 Apr 2019 3:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104615
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 55.6 46.0 69.0



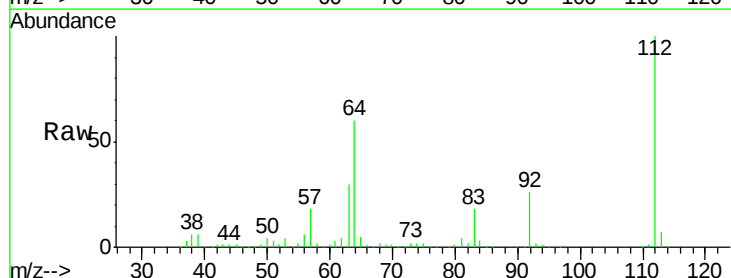
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



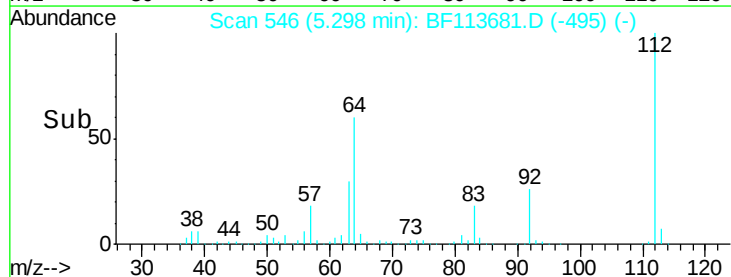
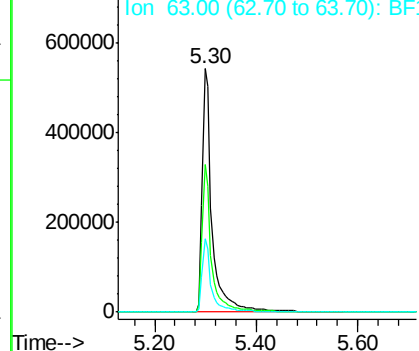
#5

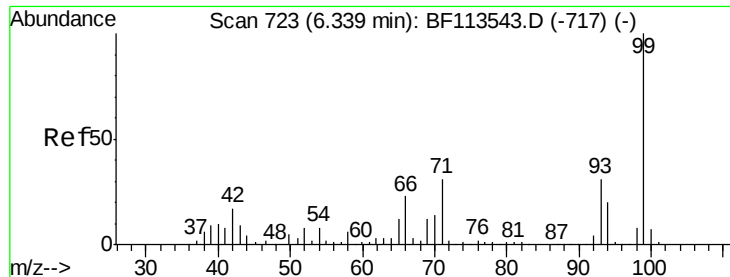
2-Fluorophenol
Concen: 120.935 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113681.D
Acq: 10 Apr 2019 3:05

Tgt Ion:112 Resp: 741929
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 30.3 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: 114.960 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampleId :

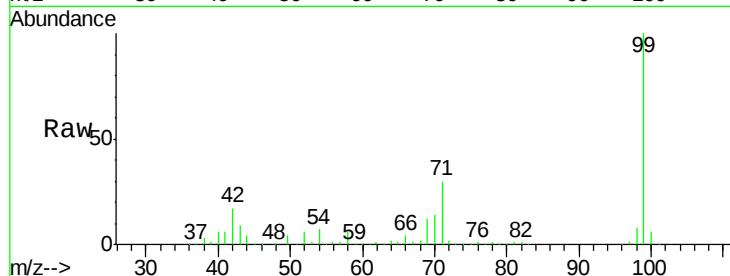
Tot Ion: 99 Resp: 869254

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

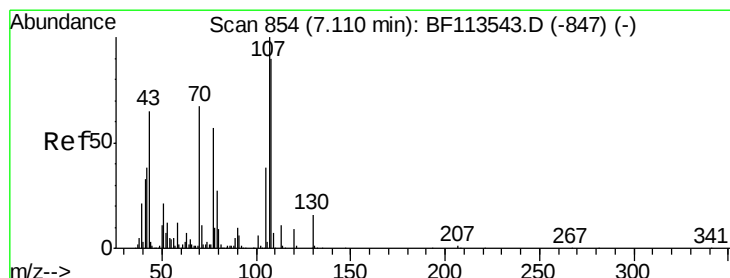
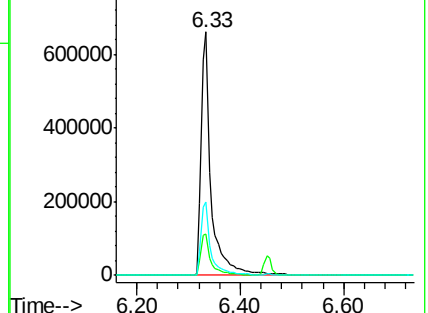
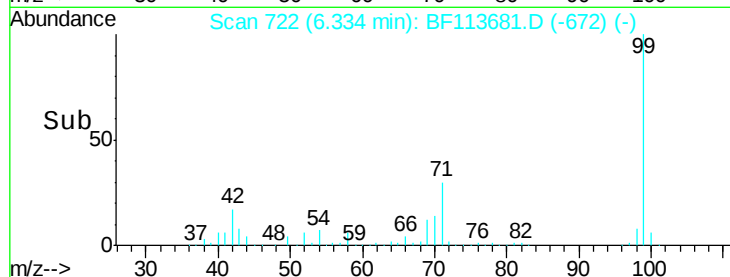
71 30.2 24.9 37.3



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: 17.225 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Tgt Ion: 70 Resp: 80316

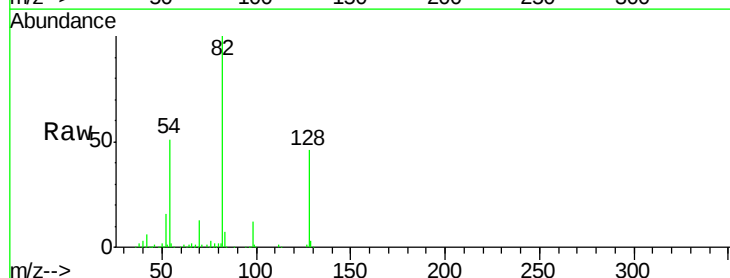
Ion Ratio Lower Upper

70 100

42 47.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

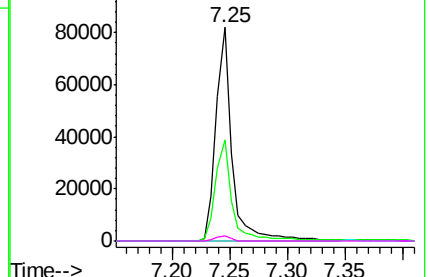
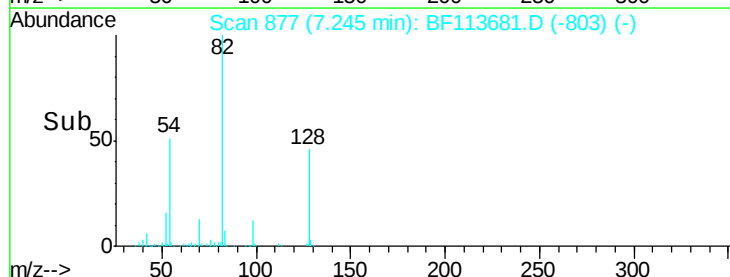


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 391806

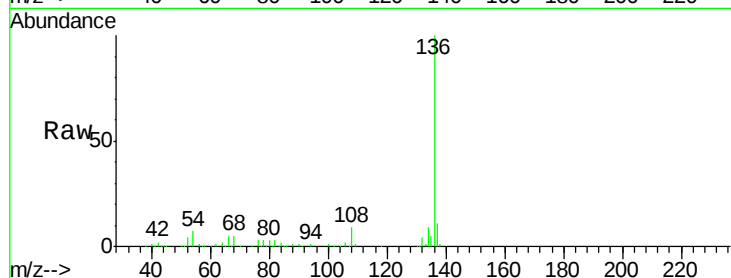
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.0 7.0 10.6#

68 5.4 4.8 7.2

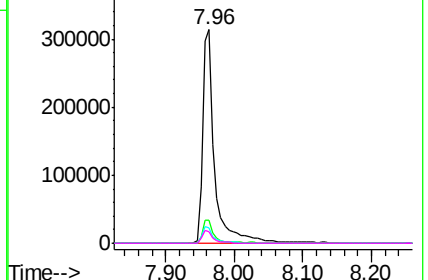
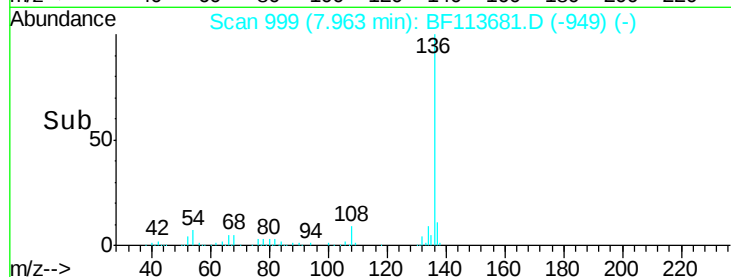


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.606 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

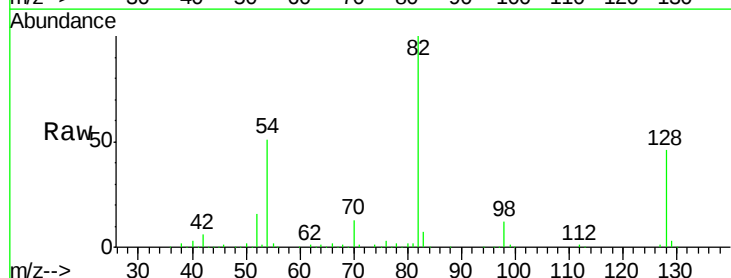
Tgt Ion: 82 Resp: 632811

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

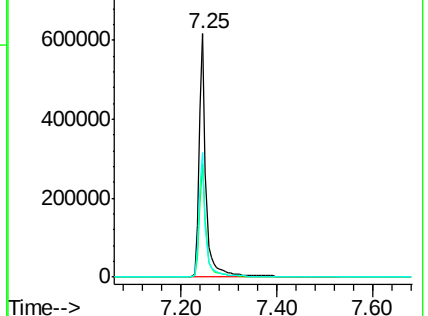
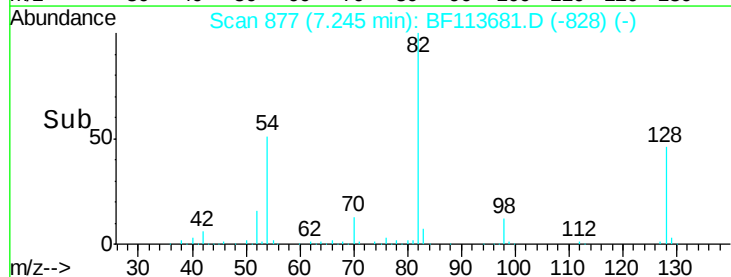
54 51.3 42.2 63.2

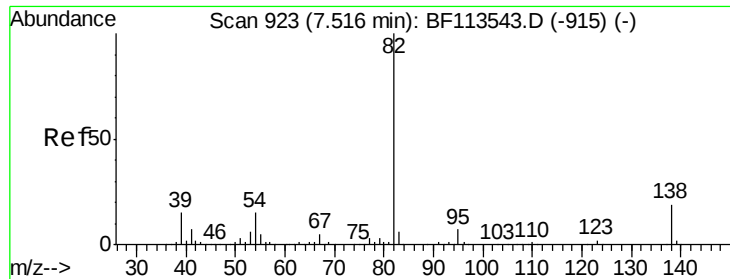


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.160 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampleId :

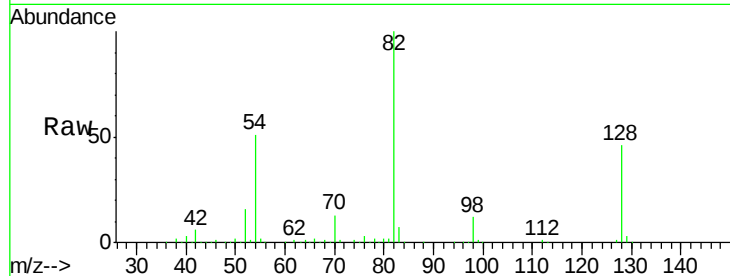
Tot Ion: 82 Resp: 633444

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

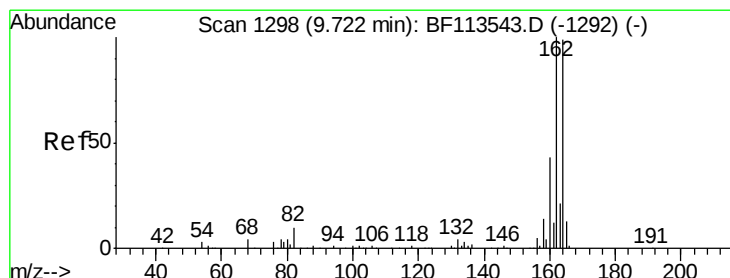
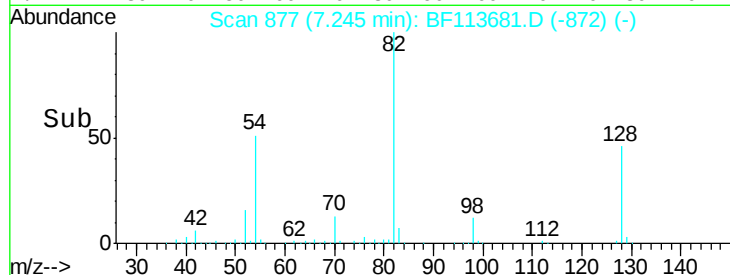
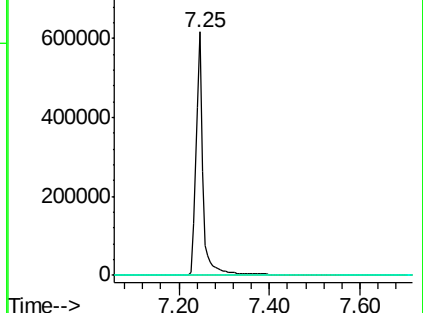
138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

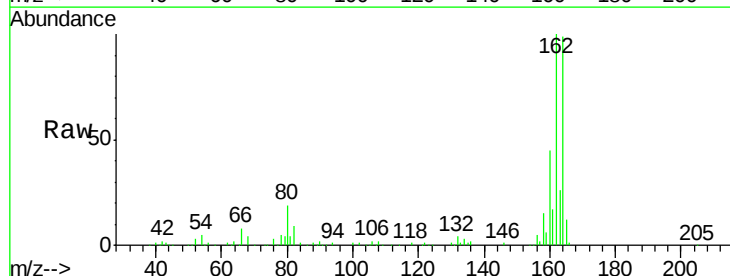
Tgt Ion: 164 Resp: 181328

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

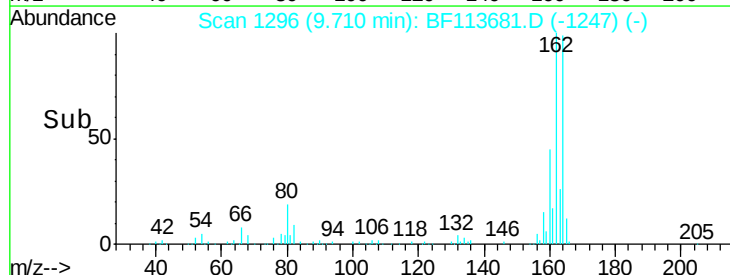
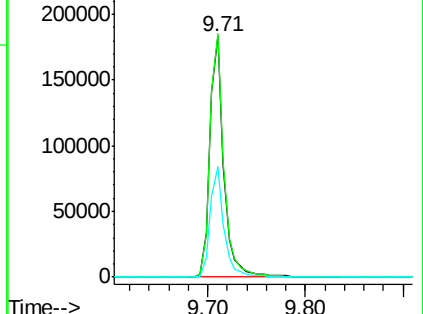
160 45.9 36.4 54.6

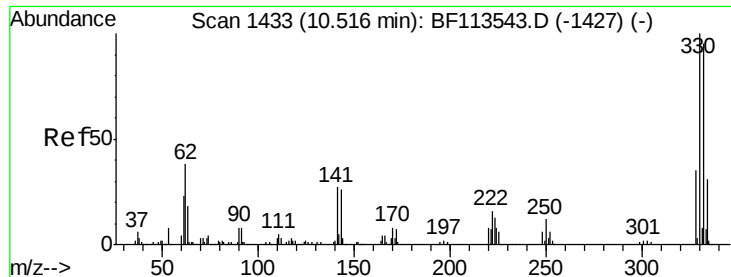


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

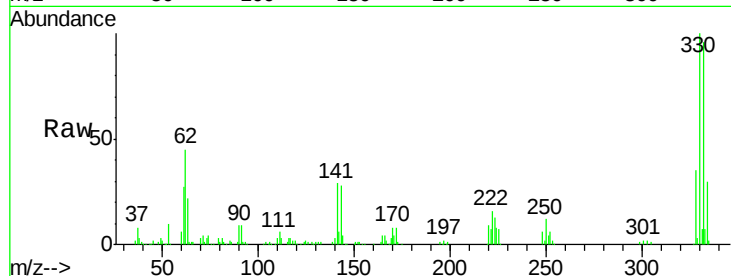




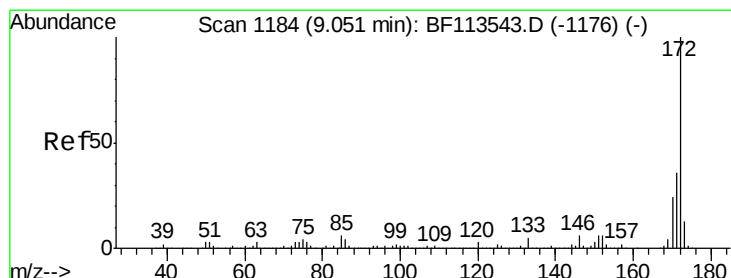
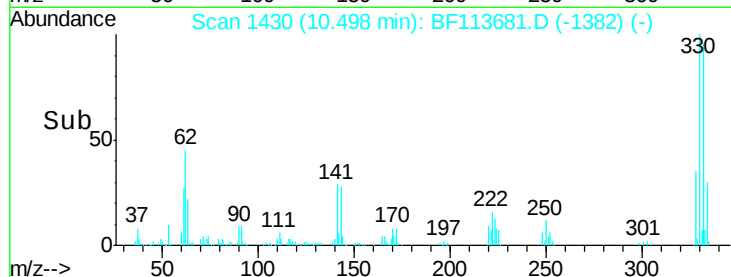
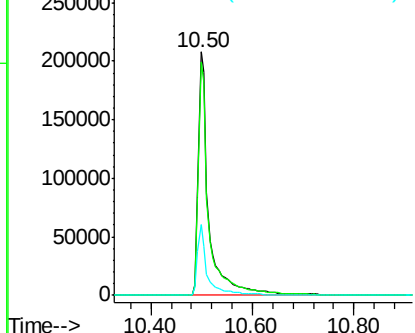
#42
 2,4,6-Tribromophenol
 Concen: 140.009 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113681.D
 Acq: 10 Apr 2019 3:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.8	116.6
141	27.3	22.7	34.1

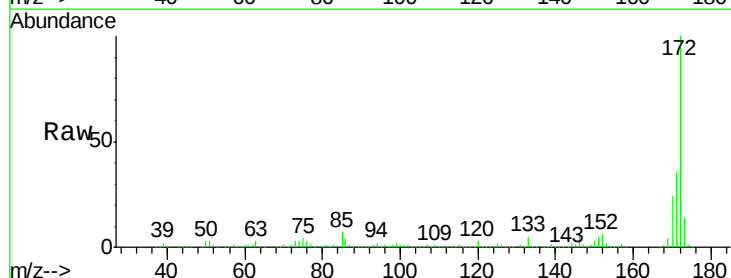


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

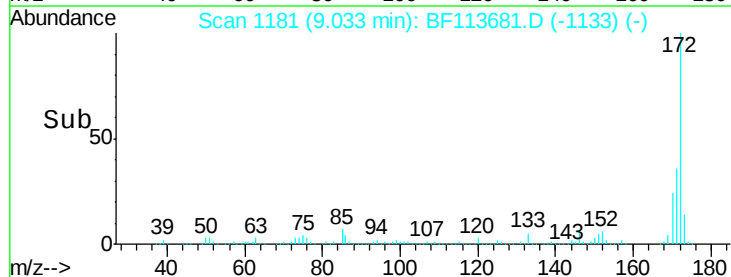
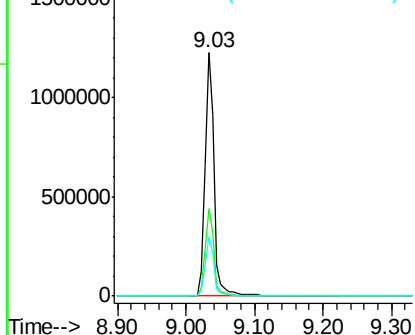


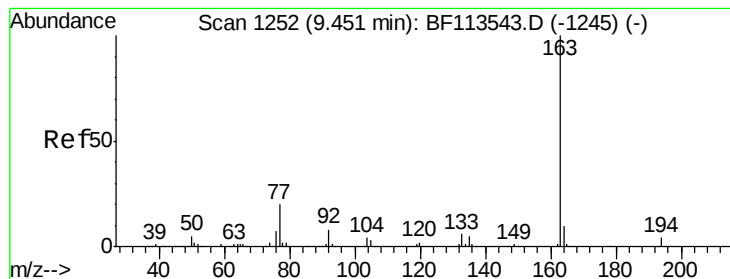
#45
 2-Fluorobiphenyl
 Concen: 103.972 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113681.D
 Acq: 10 Apr 2019 3:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	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: 3.164 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.26 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampled :

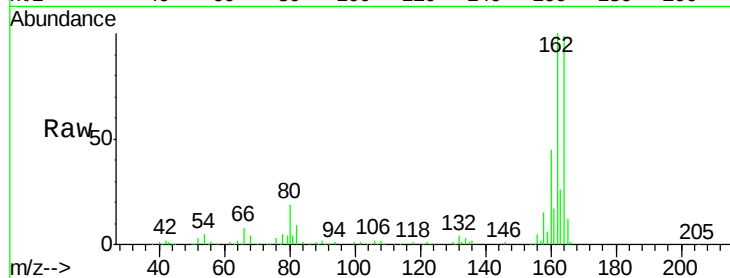
Tot Ion:163 Resp: 42287

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

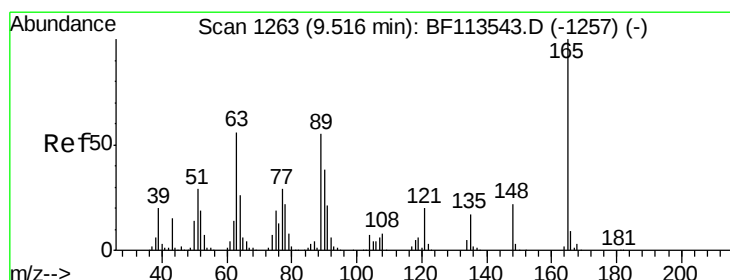
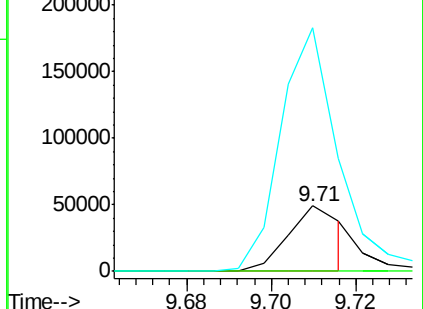
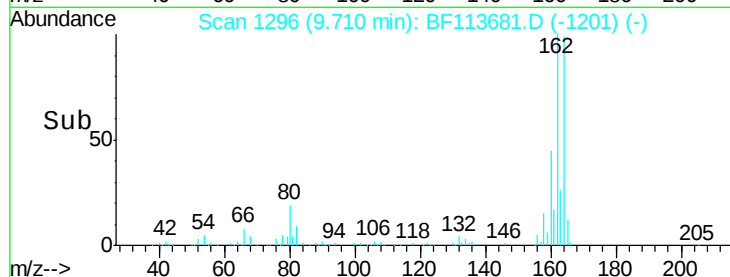
164 373.1 8.1 12.1#



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: 7.581 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

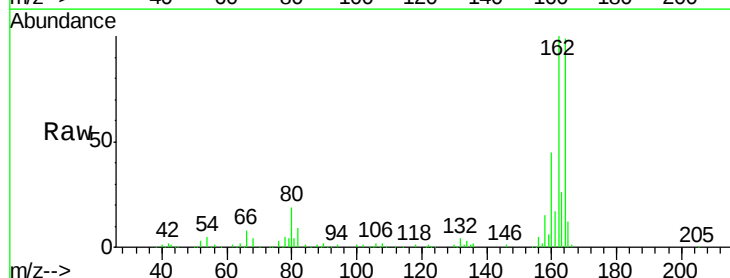
Tgt Ion:165 Resp: 22335

Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.0#

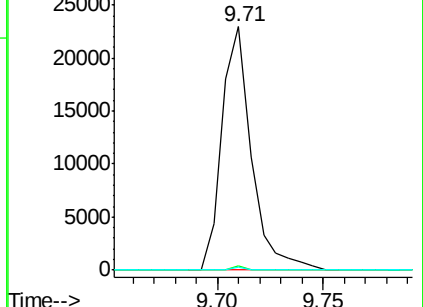
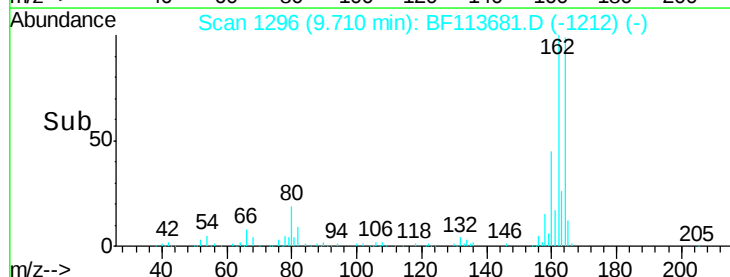
89 1.4 43.1 64.7#

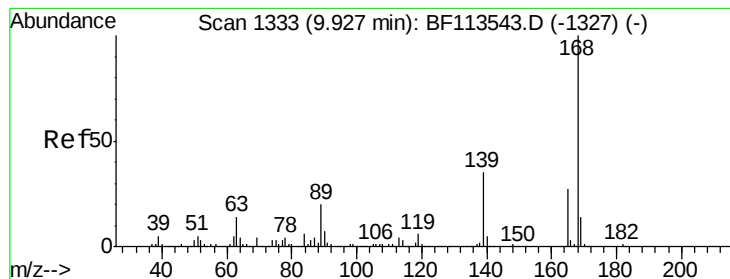


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.268 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22335

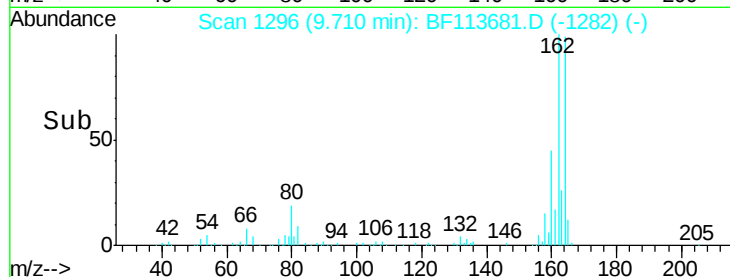
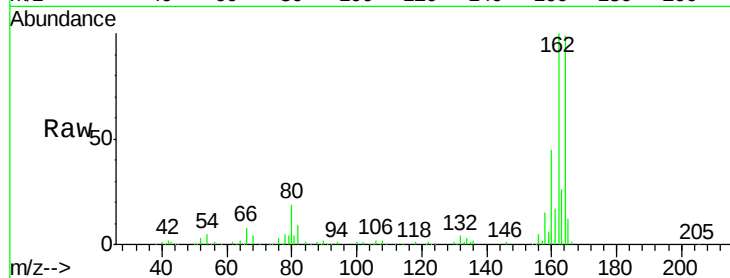
Ion Ratio Lower Upper

165 100

63 1.7 37.5 56.3#

89 1.4 57.4 86.2#

182 0.0 2.0 3.0#

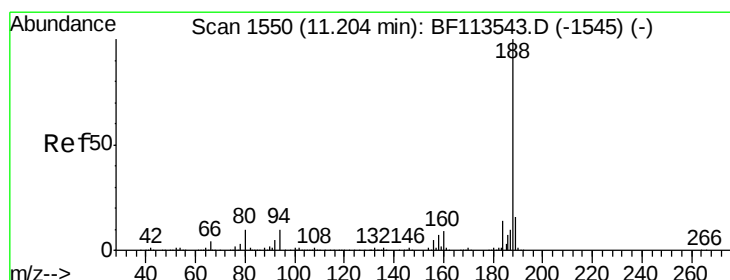
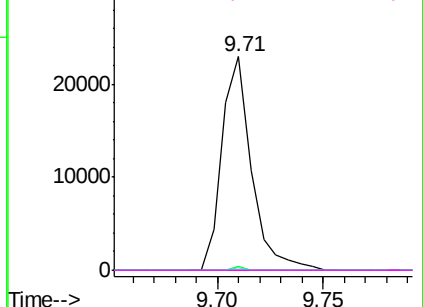


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

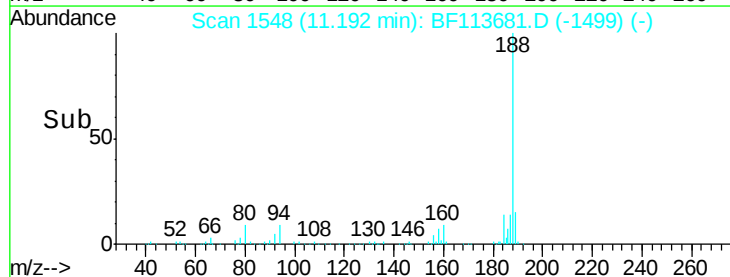
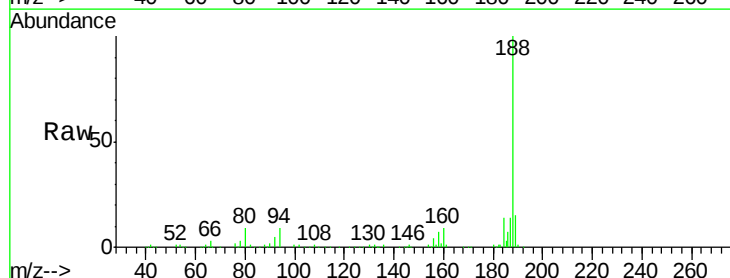
Tgt Ion:188 Resp: 337669

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

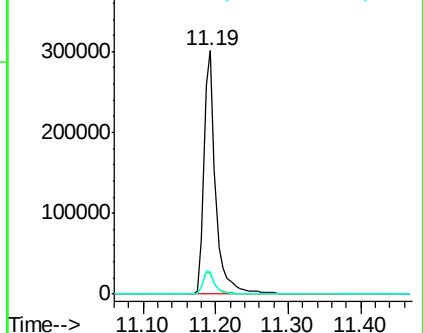
80 8.9 7.7 11.5

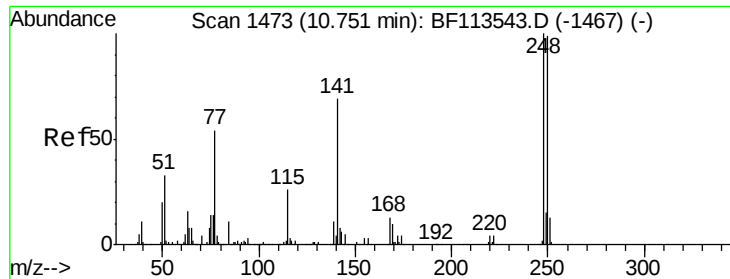


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

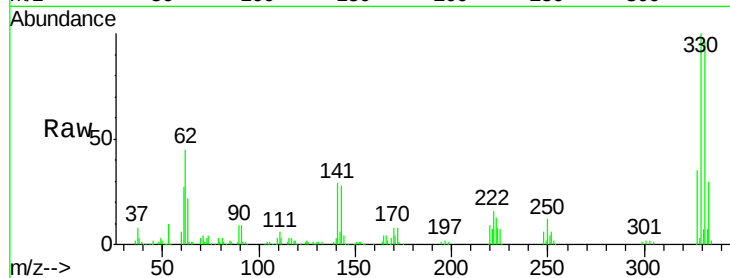




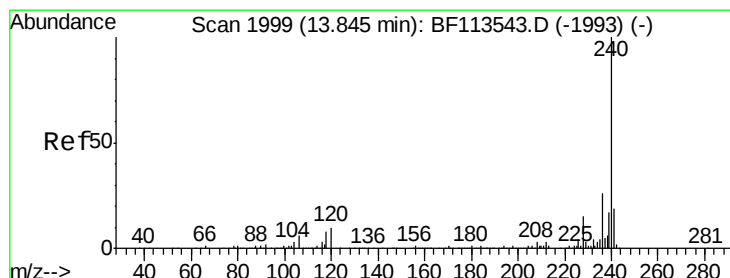
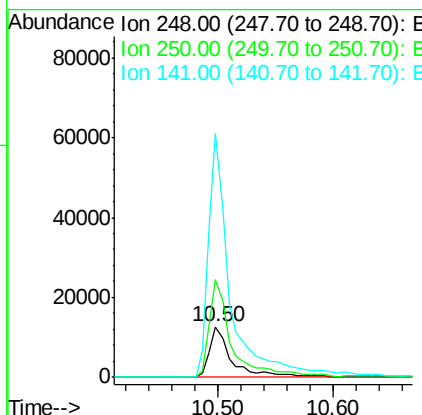
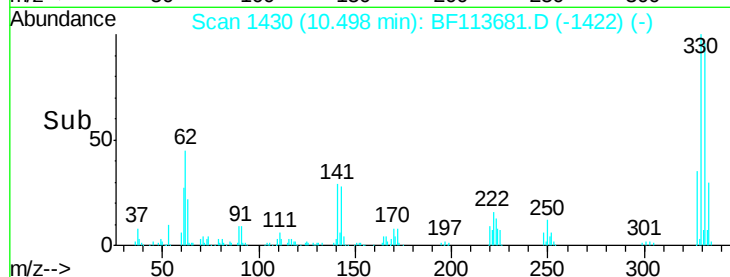
#67
 4-Bromophenyl-phenylether
 Concen: 4.513 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113681.D
 Acq: 10 Apr 2019 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17091
 Ion Ratio Lower Upper
 248 100
 250 192.2 78.3 117.5#
 141 480.1 56.2 84.4#

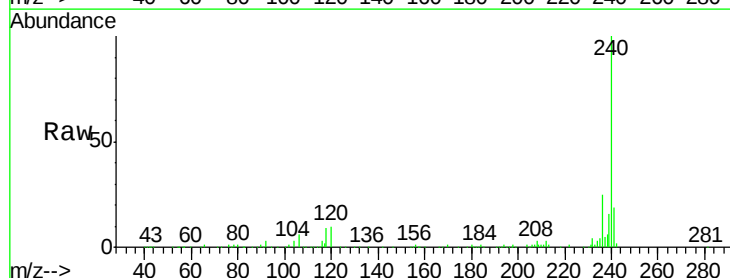


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

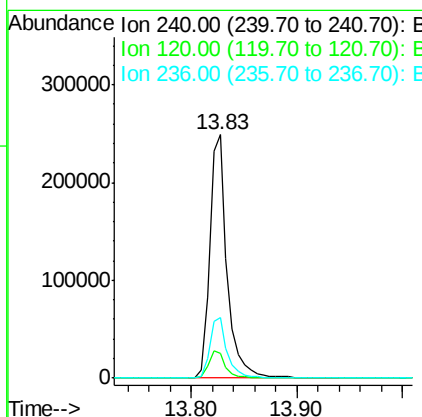
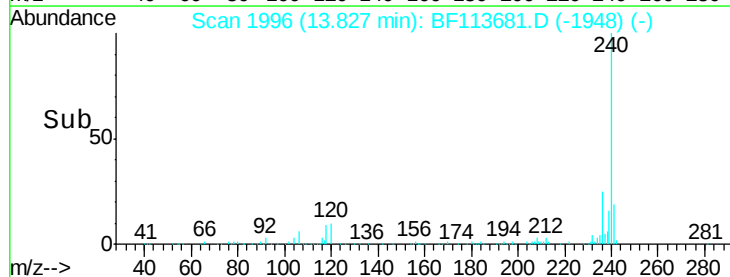


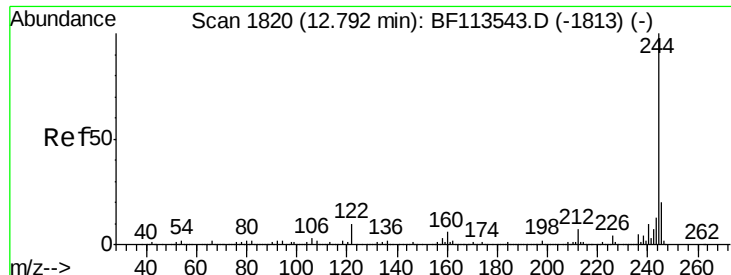
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113681.D
 Acq: 10 Apr 2019 3:05

Tgt Ion:240 Resp: 285734
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.8 13.2
 236 24.7 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: 82.743 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampled :

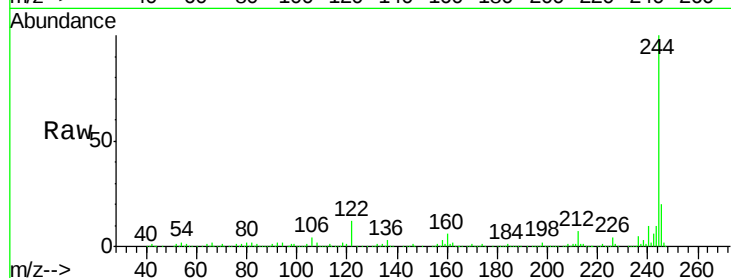
Tot Ion:244 Resp: 1161212

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

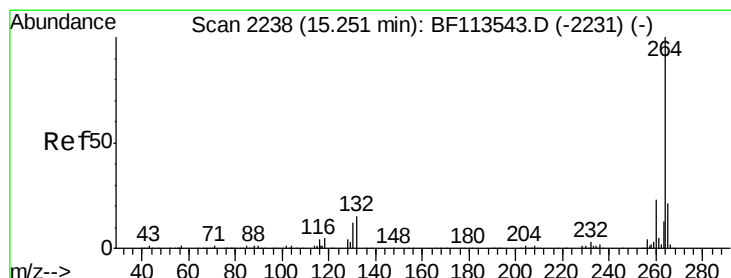
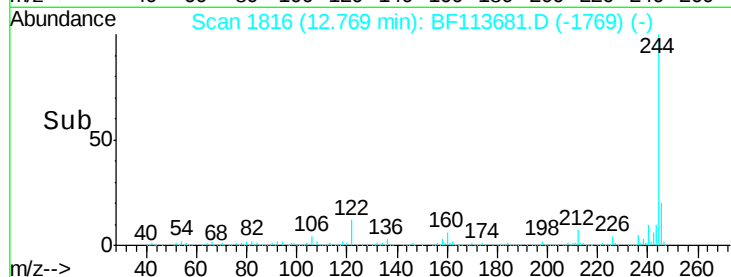
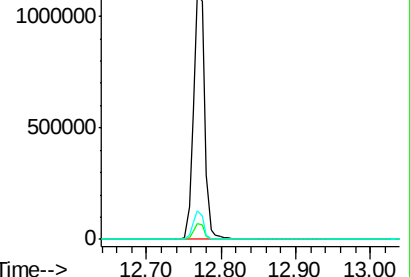
122 11.6 8.6 13.0



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: BF113681.D

Acq: 10 Apr 2019 3:05

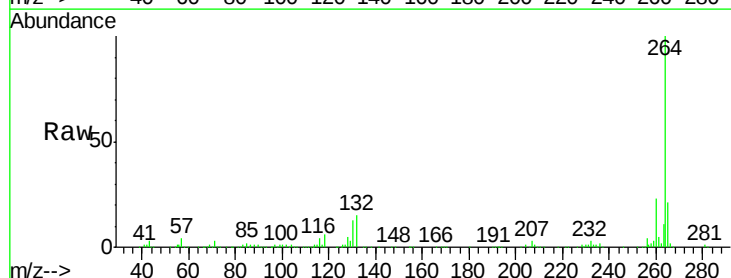
Tgt Ion:264 Resp: 277400

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.4 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

