

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113655.D
 Acq On : 9 Apr 2019 12:16
 Operator : JU/SJ
 Sample : K2316-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:23:19 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

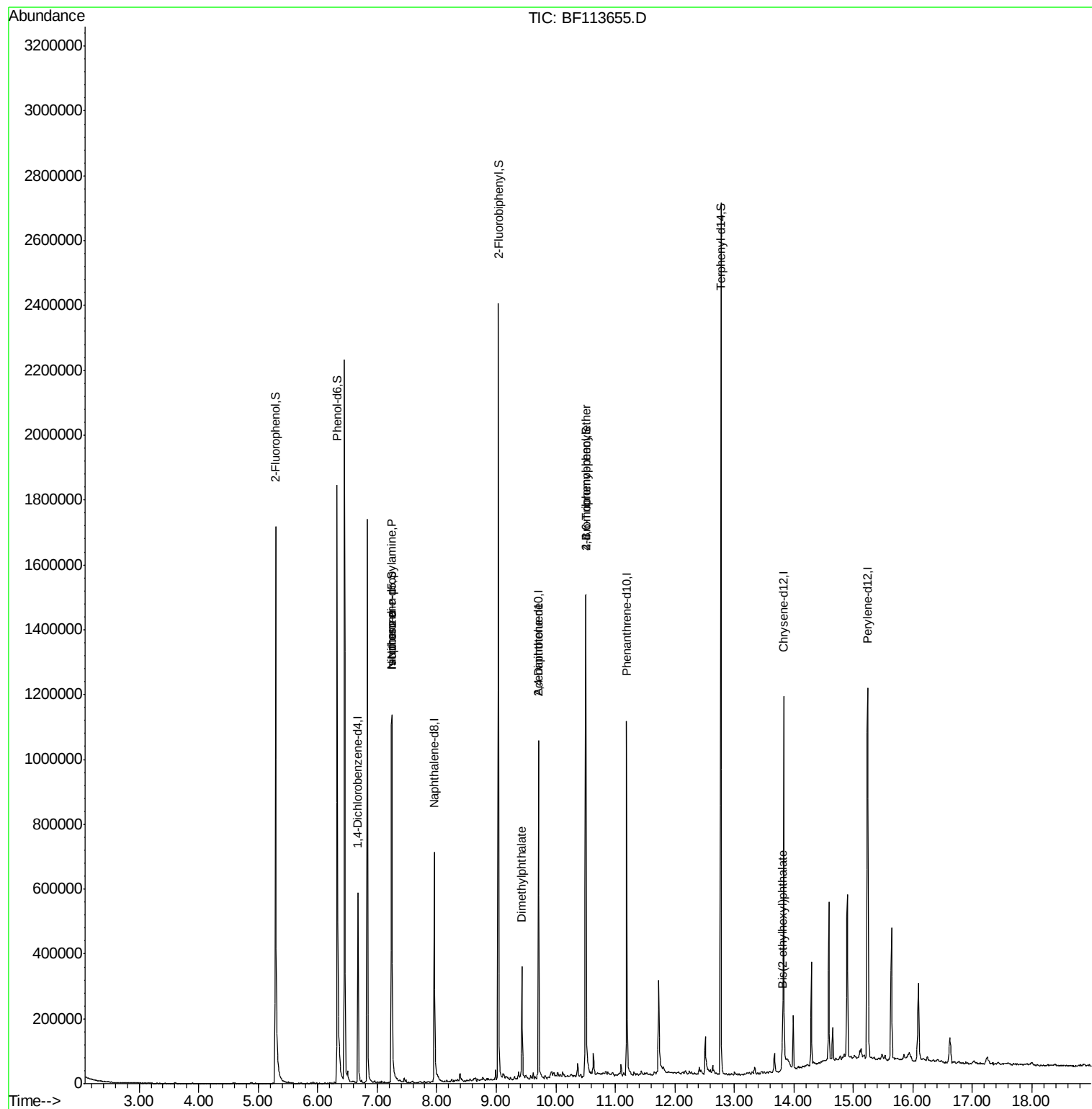
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	103758	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	394581	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	196017	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	410630	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	406091	20.00	ng	-0.02
87) Perylene-d12	15.23	264	375872	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	596251	97.99	ng	0.00
7) Phenol-d6	6.33	99	784305	104.58	ng	-0.01
23) Nitrobenzene-d5	7.25	82	441438	65.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	247735	105.21	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	779341	64.01	ng	-0.02
79) Terphenyl-d14	12.77	244	933475	46.80	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	58007	12.544	ng	# 76
25) Isophorone	7.25	82	441434	34.018	ng	# 64
50) Dimethylphthalate	9.43	163	146838	10.162	ng	# 99
57) 2,4-Dinitrotoluene	9.71	165	25354	6.582	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	13902	3.019	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.80	149	35095	2.308	ng	# 98

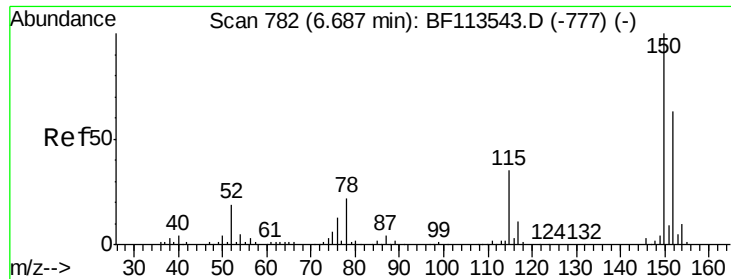
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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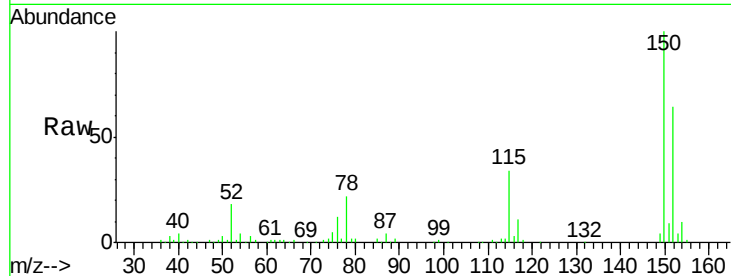


#1

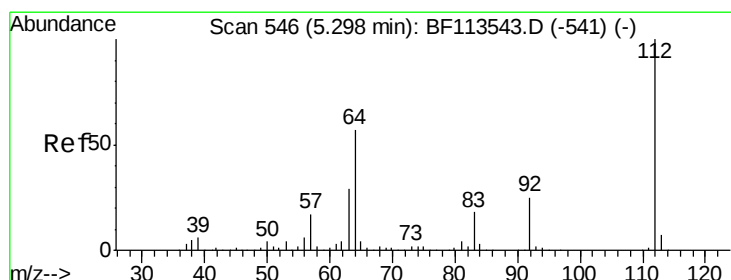
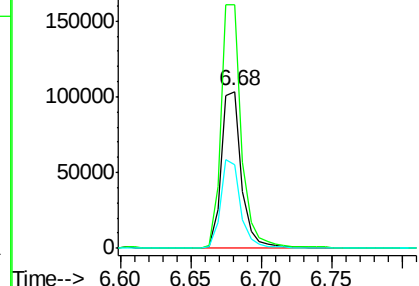
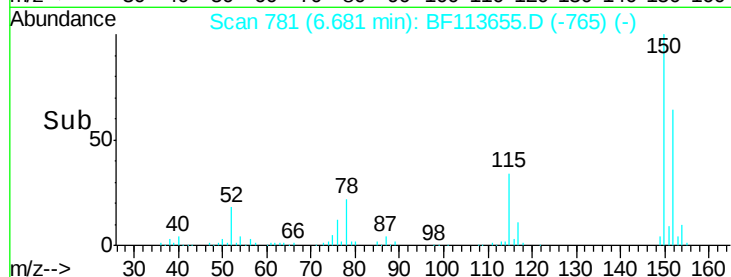
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113655.D
Acq: 9 Apr 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103758
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 53.0 46.0 69.0



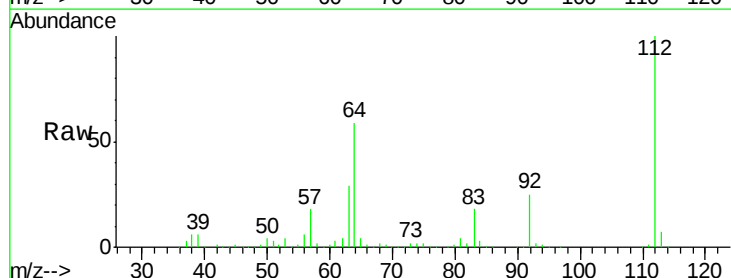
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



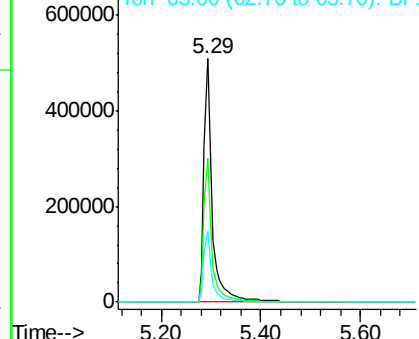
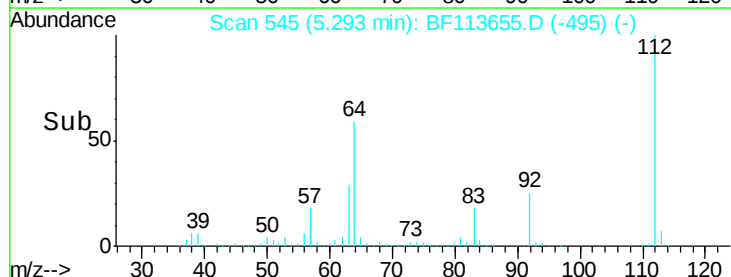
#5

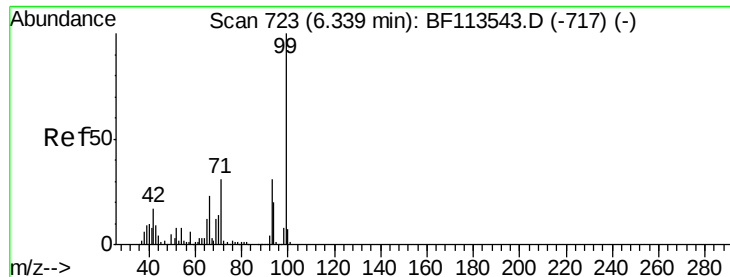
2-Fluorophenol
Concen: 97.992 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113655.D
Acq: 9 Apr 2019 12:16

Tgt Ion:112 Resp: 596251
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 29.0 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: 104.582 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

Instrument :

BNA_F

ClientSampleId :

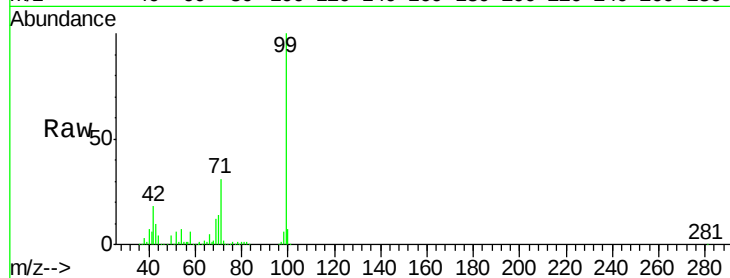
Tot Ion: 99 Resp: 784305

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

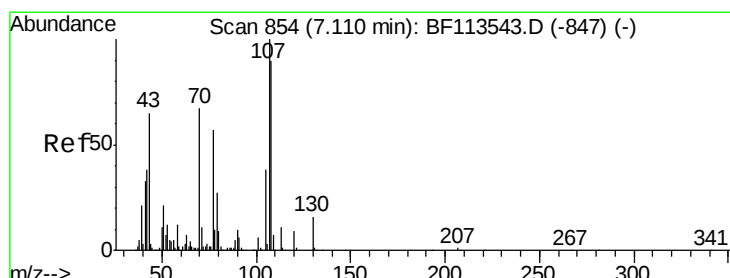
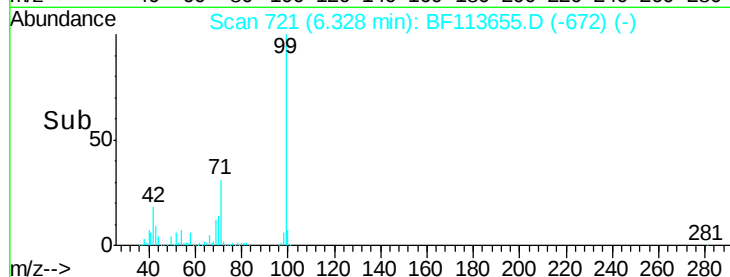
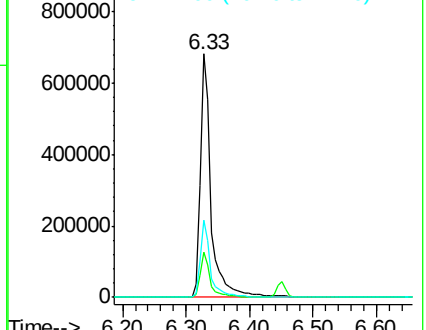
71 31.5 24.9 37.3



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: 12.544 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

Tgt Ion: 70 Resp: 58007

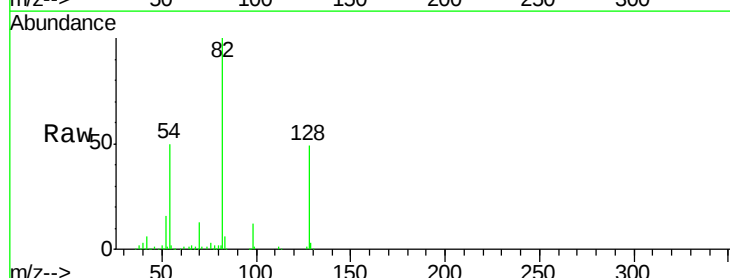
Ion Ratio Lower Upper

70 100

42 48.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

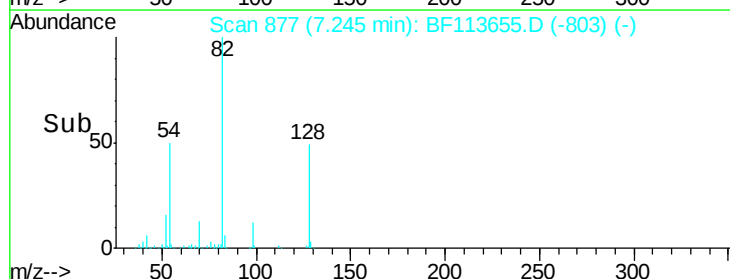
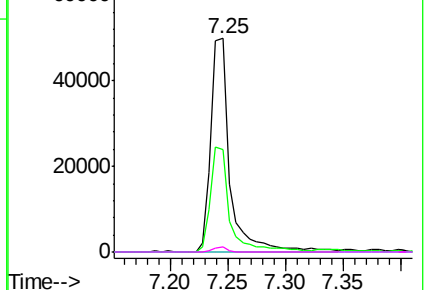


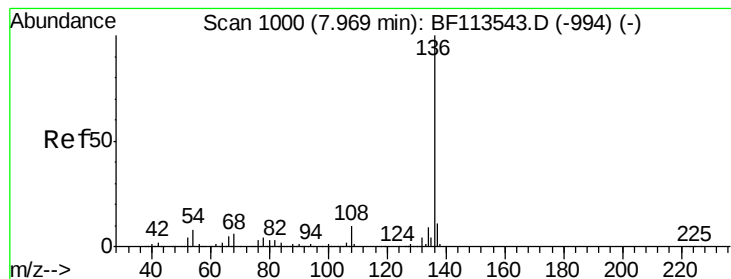
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF113655.D

Acq: 9 Apr 2019 12:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 394581

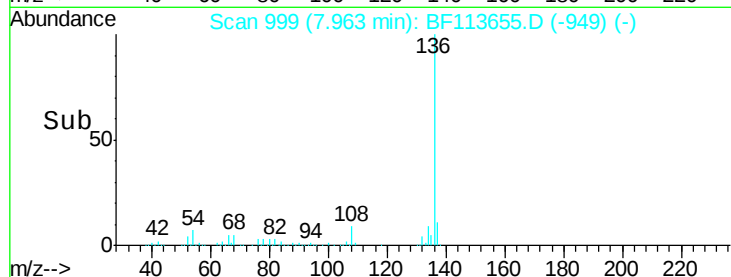
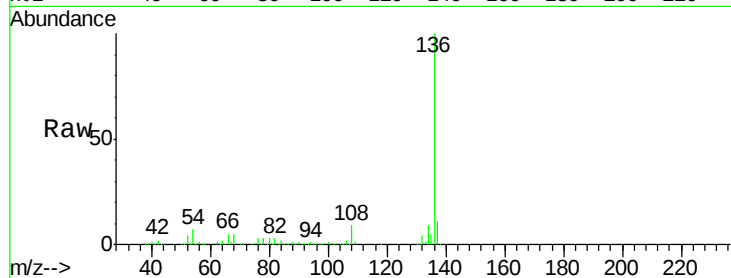
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.2 7.0 10.6

68 5.5 4.8 7.2

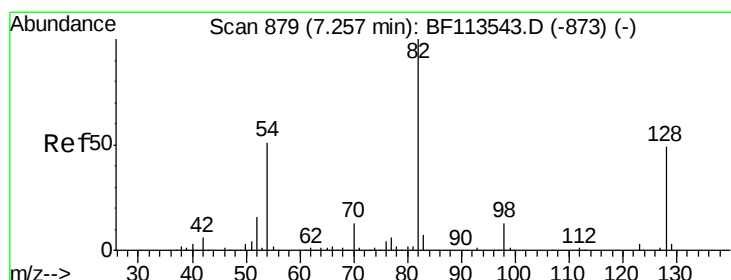
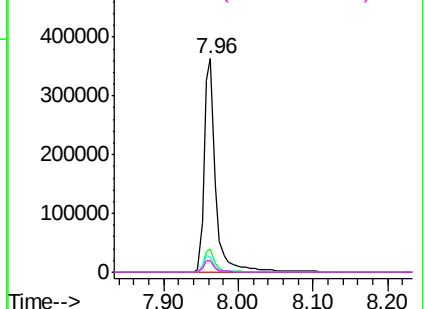


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.531 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

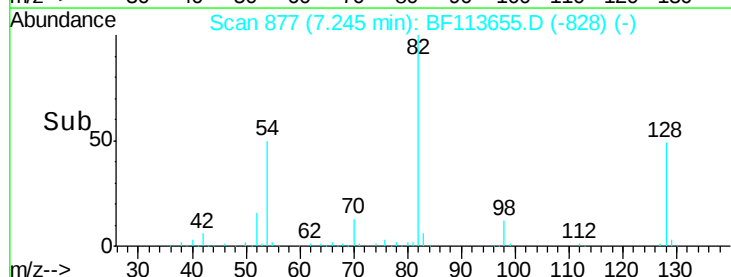
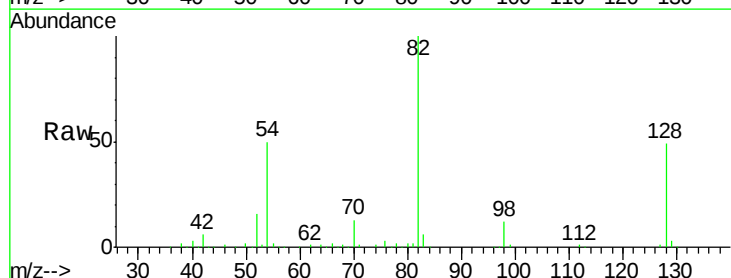
Tgt Ion: 82 Resp: 441438

Ion Ratio Lower Upper

82 100

128 48.6 36.5 54.7

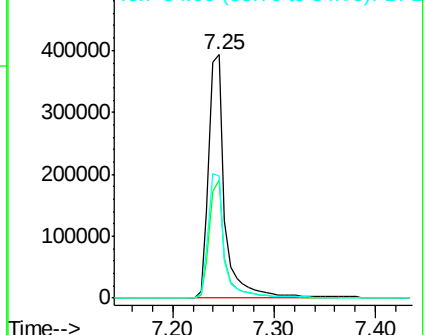
54 50.0 42.2 63.2

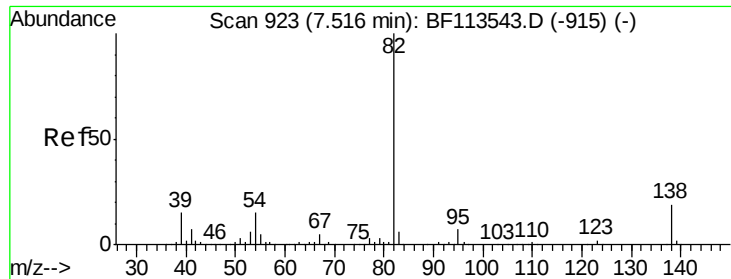


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.018 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

Instrument :

BNA_F

ClientSampled :

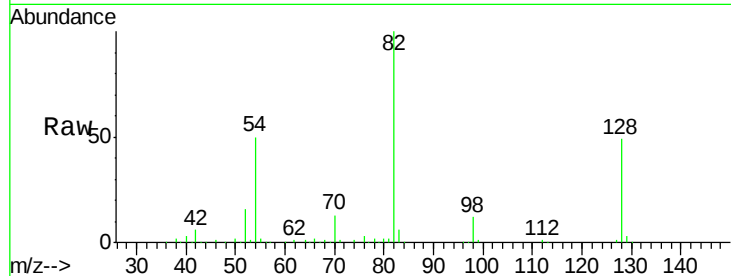
Tot Ion: 82 Resp: 441434

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

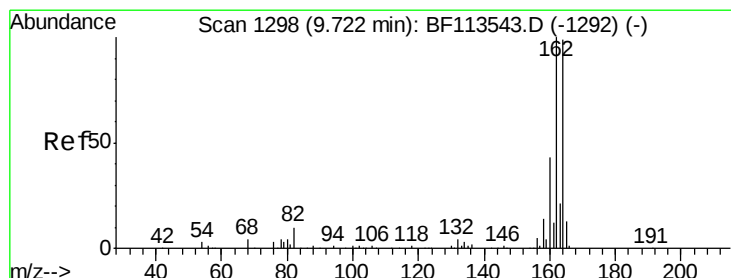
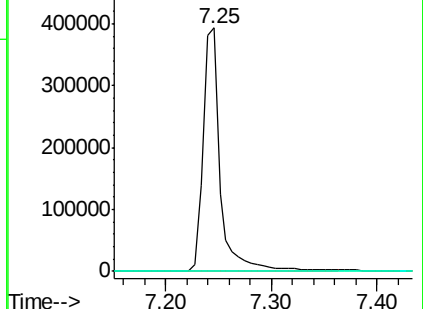
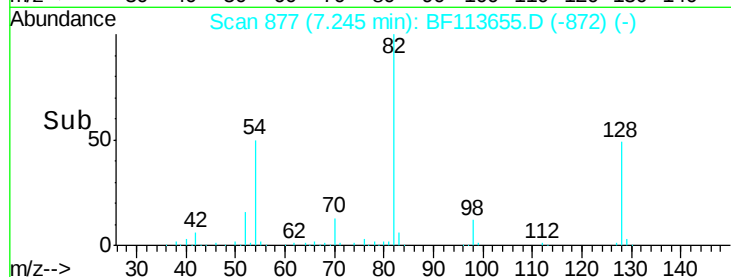
138 0.0 15.2 22.8#



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: BF113655.D

Acq: 9 Apr 2019 12:16

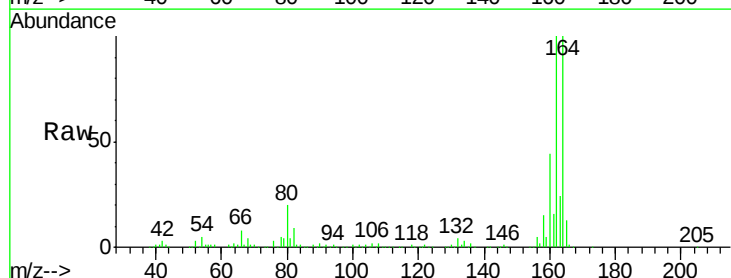
Tgt Ion:164 Resp: 196017

Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.6

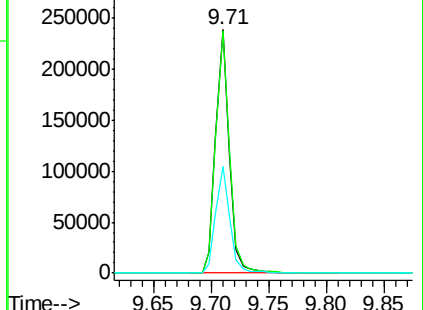
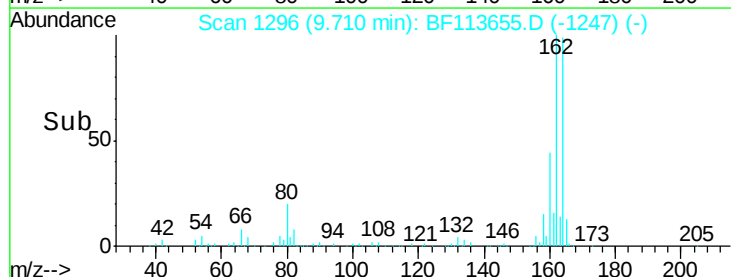
160 44.0 36.4 54.6

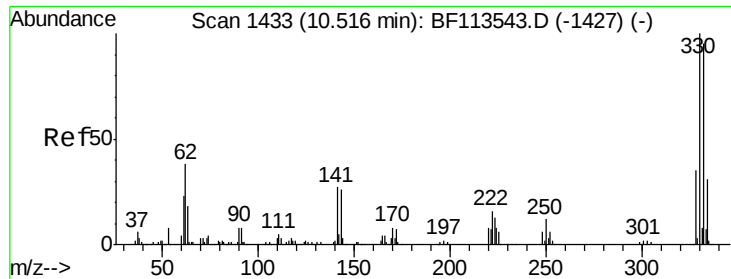


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

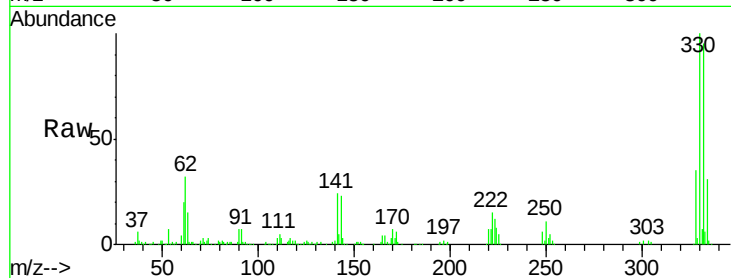




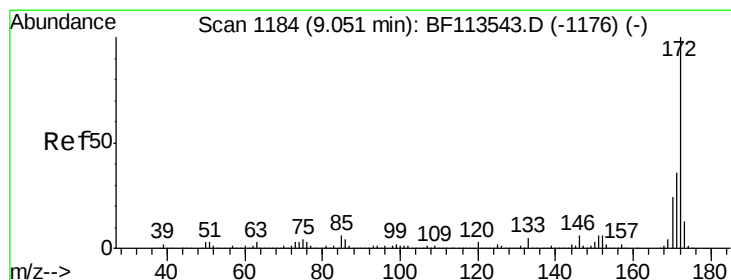
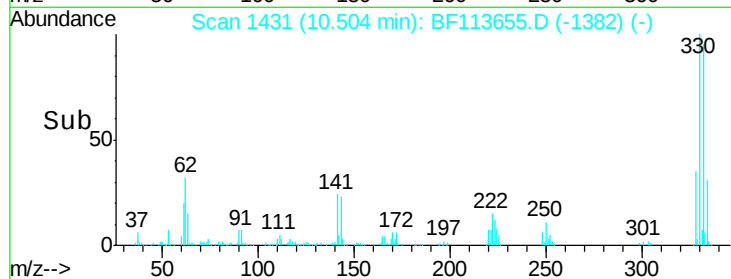
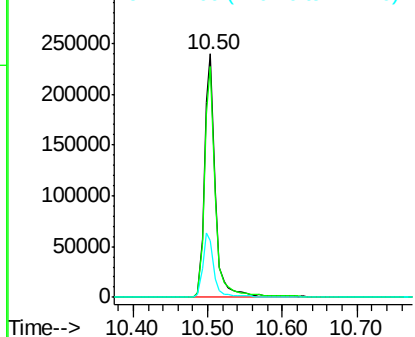
#42
 2,4,6-Tribromophenol
 Concen: 105.211 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113655.D
 Acq: 9 Apr 2019 12:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.8	116.6
141	27.5	22.7	34.1

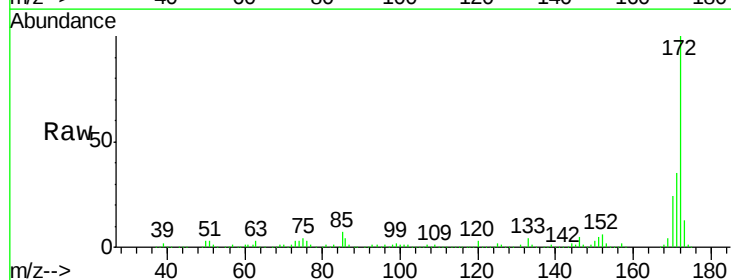


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

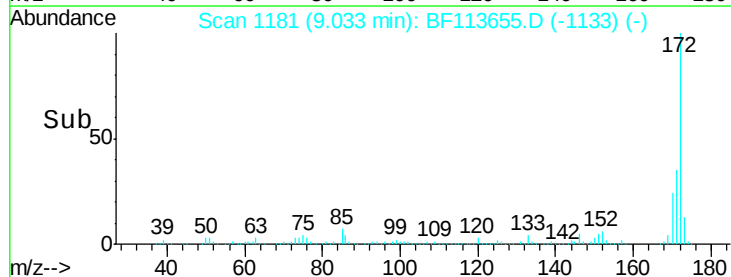
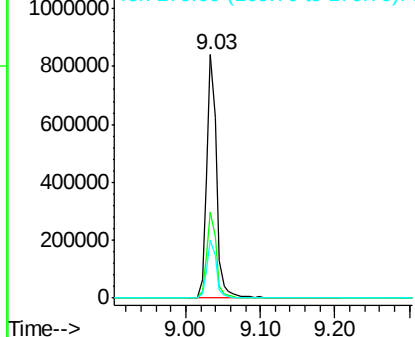


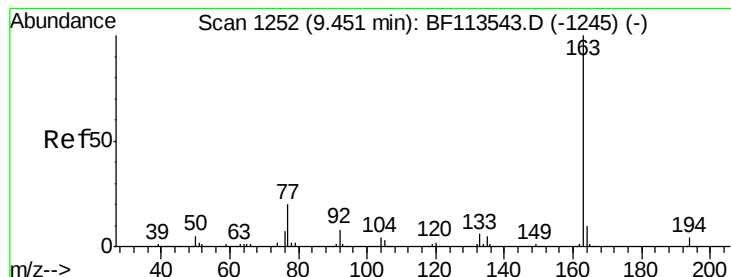
#45
 2-Fluorobiphenyl
 Concen: 64.007 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113655.D
 Acq: 9 Apr 2019 12:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	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: 10.162 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

Instrument :

BNA_F

ClientSampleId :

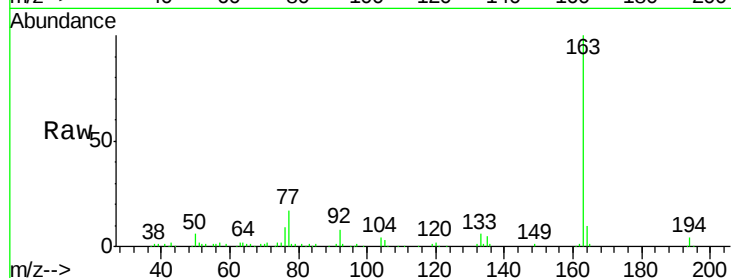
Tot Ion:163 Resp: 146838

Ion Ratio Lower Upper

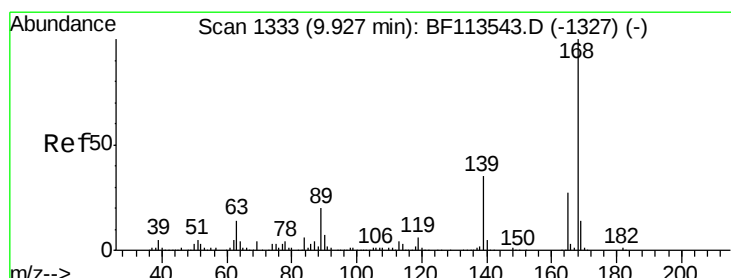
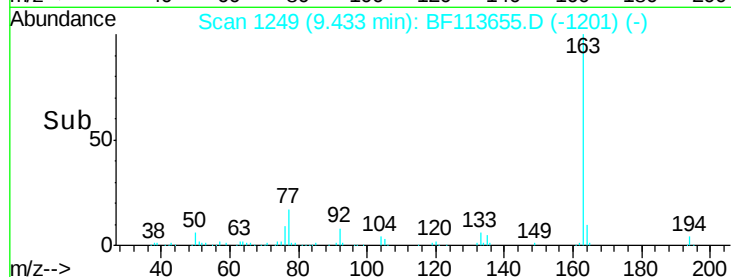
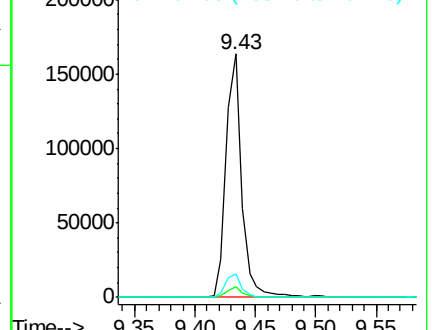
163 100

194 4.1 3.0 4.6

164 9.5 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



#57

2,4-Dinitrotoluene

Concen: 6.582 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

Tgt Ion:165 Resp: 25354

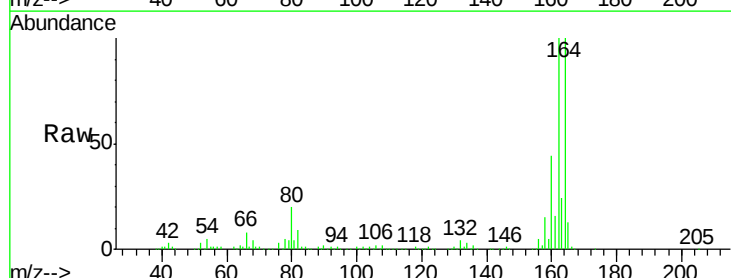
Ion Ratio Lower Upper

165 100

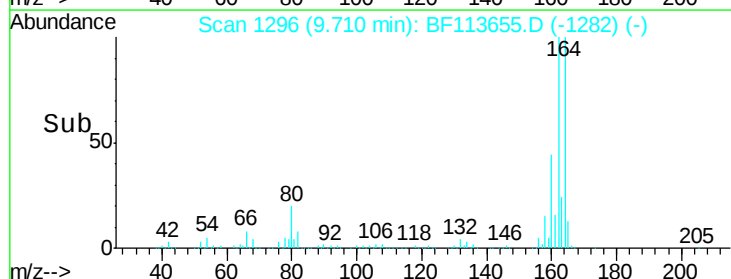
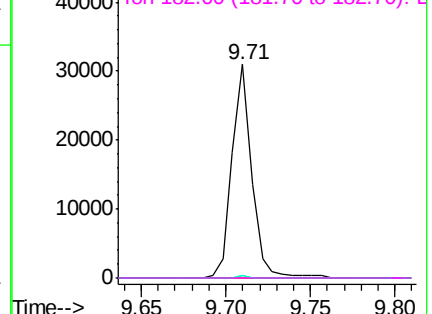
63 1.3 37.5 56.3#

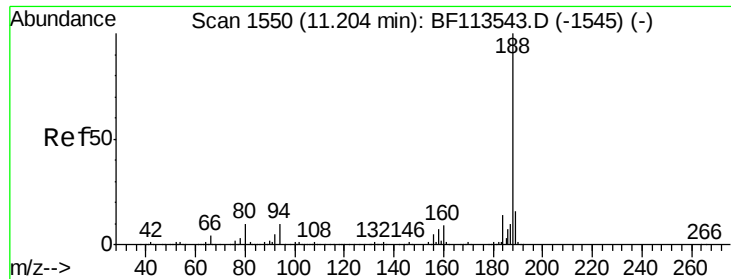
89 1.3 57.4 86.2#

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

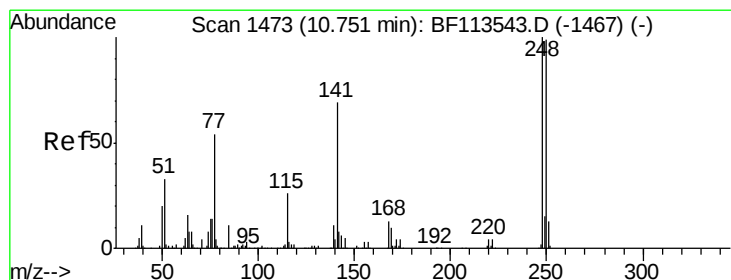
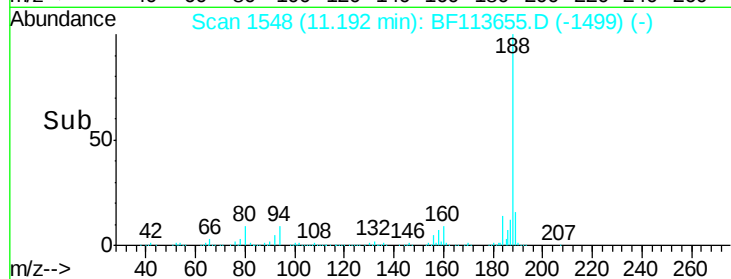
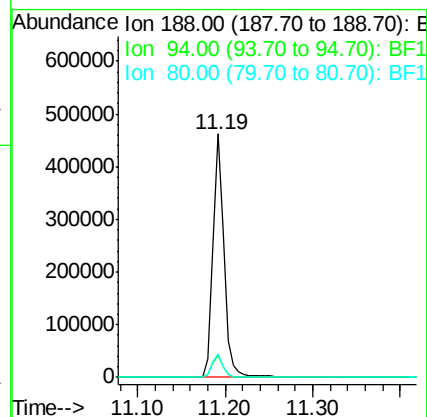
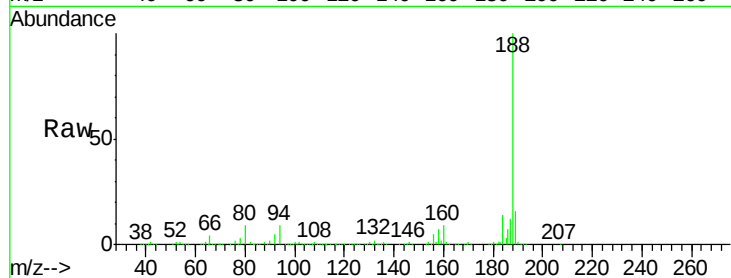




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113655.D
Acq: 9 Apr 2019 12:16

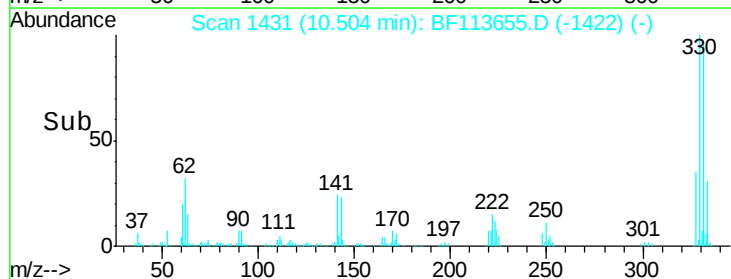
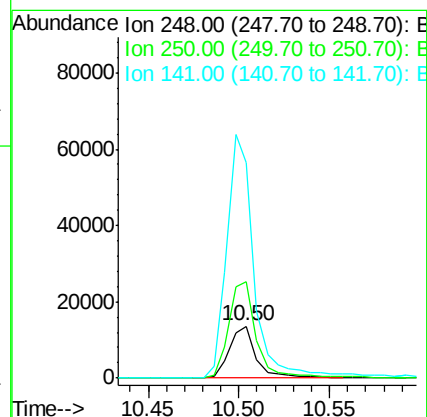
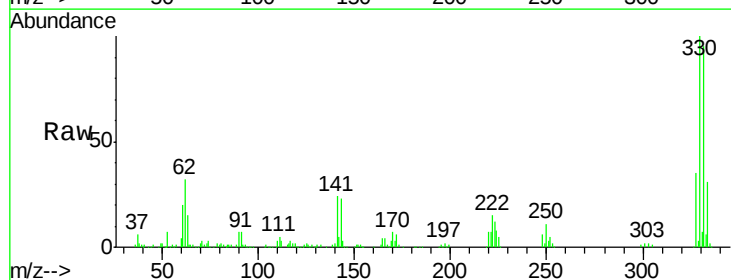
Instrument :
BNA_F
ClientSampleId :

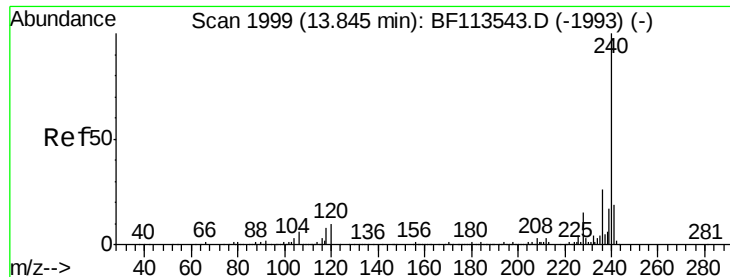
Tot Ion:188 Resp: 410630
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.4 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.019 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF113655.D
Acq: 9 Apr 2019 12:16

Tgt Ion:248 Resp: 13902
Ion Ratio Lower Upper
248 100
250 185.6 78.3 117.5#
141 415.1 56.2 84.4#

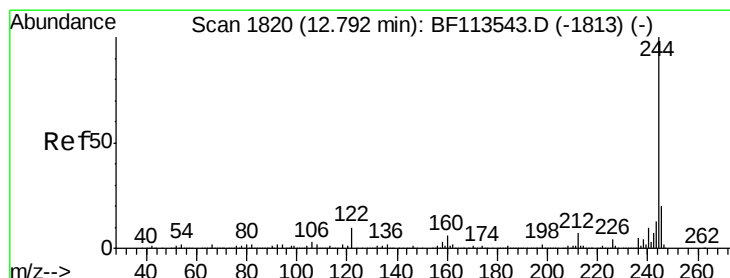
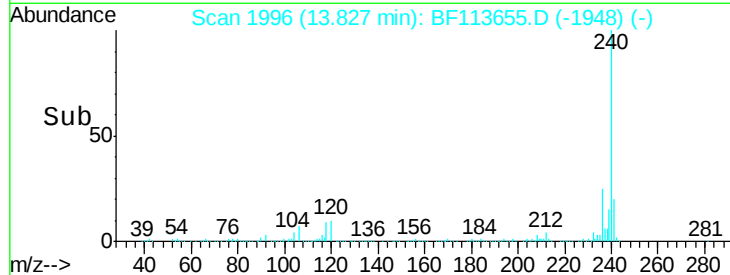
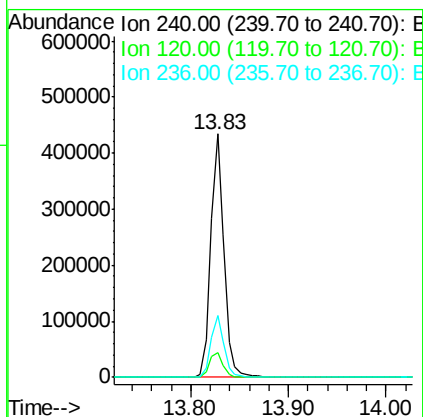
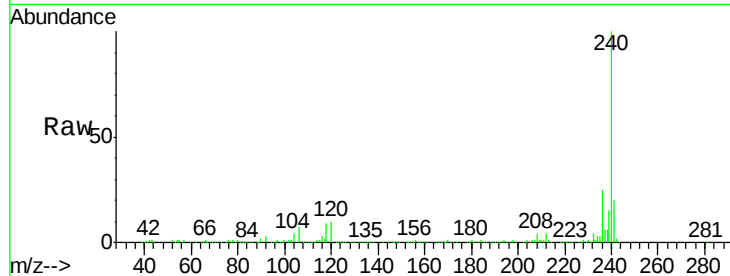




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113655.D
 Acq: 9 Apr 2019 12:16

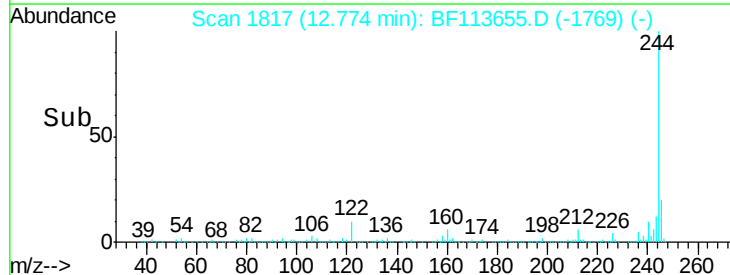
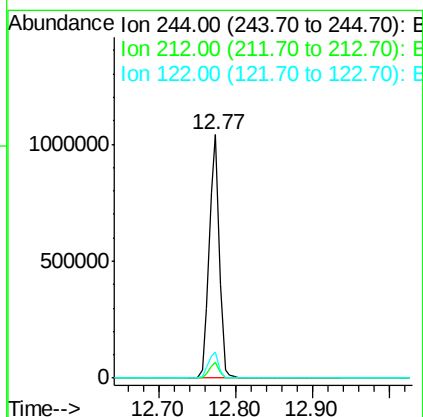
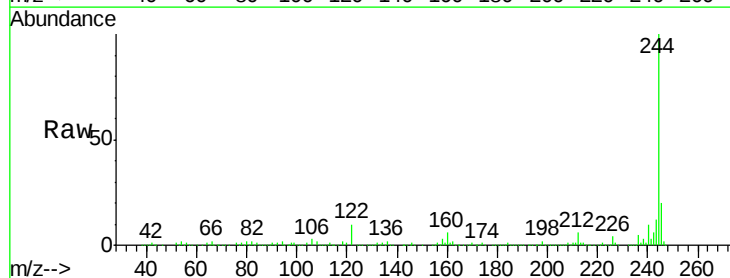
Instrument :
 BNA_F
 ClientSampleID :

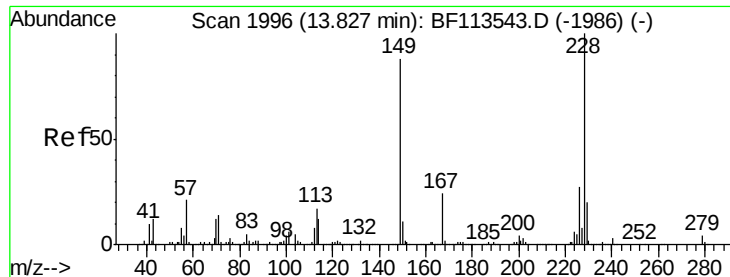
Tot Ion:240 Resp: 406091
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.8 13.2
 236 25.4 20.9 31.3



#79
 Terphenyl-d14
 Concen: 46.802 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113655.D
 Acq: 9 Apr 2019 12:16

Tgt Ion:244 Resp: 933475
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 10.5 8.6 13.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.308 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

Instrument :

BNA_F

ClientSampleId :

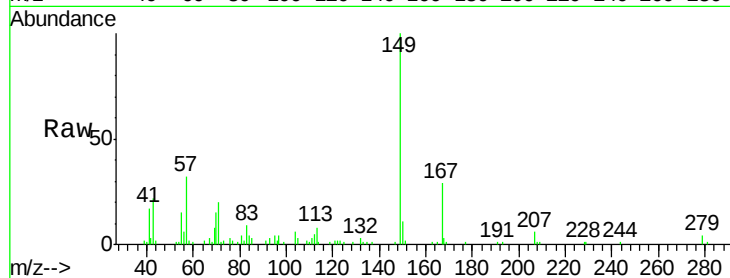
Tot Ion:149 Resp: 35095

Ion Ratio Lower Upper

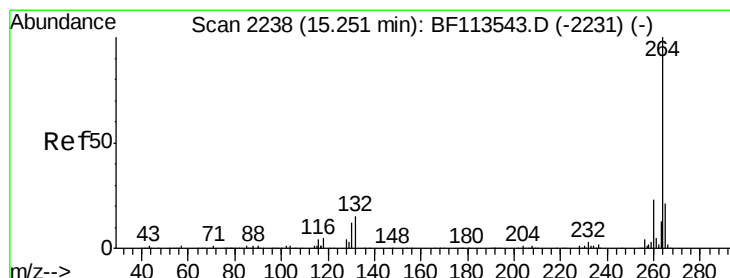
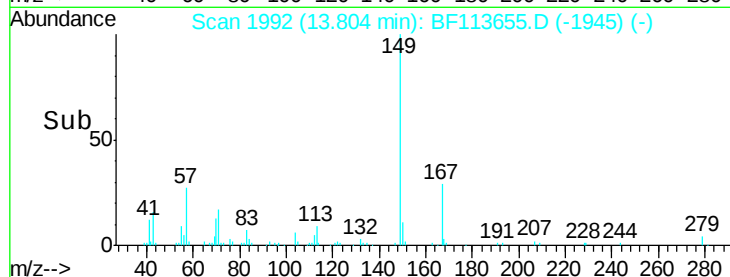
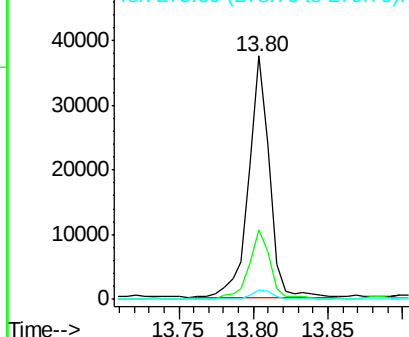
149 100

167 28.5 21.8 32.8

279 3.9 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113655.D

Acq: 9 Apr 2019 12:16

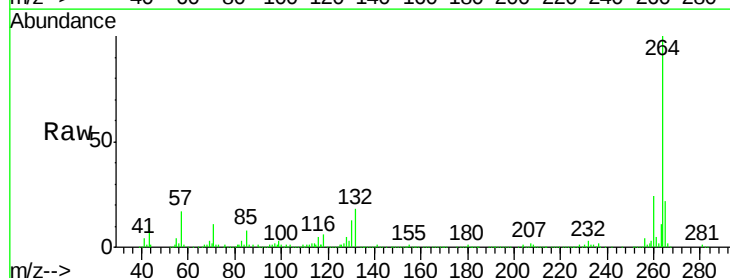
Tgt Ion:264 Resp: 375872

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.9 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

