

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113602.D
 Acq On : 5 Apr 2019 00:26
 Operator : JU/SJ
 Sample : K2186-17 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:51:11 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

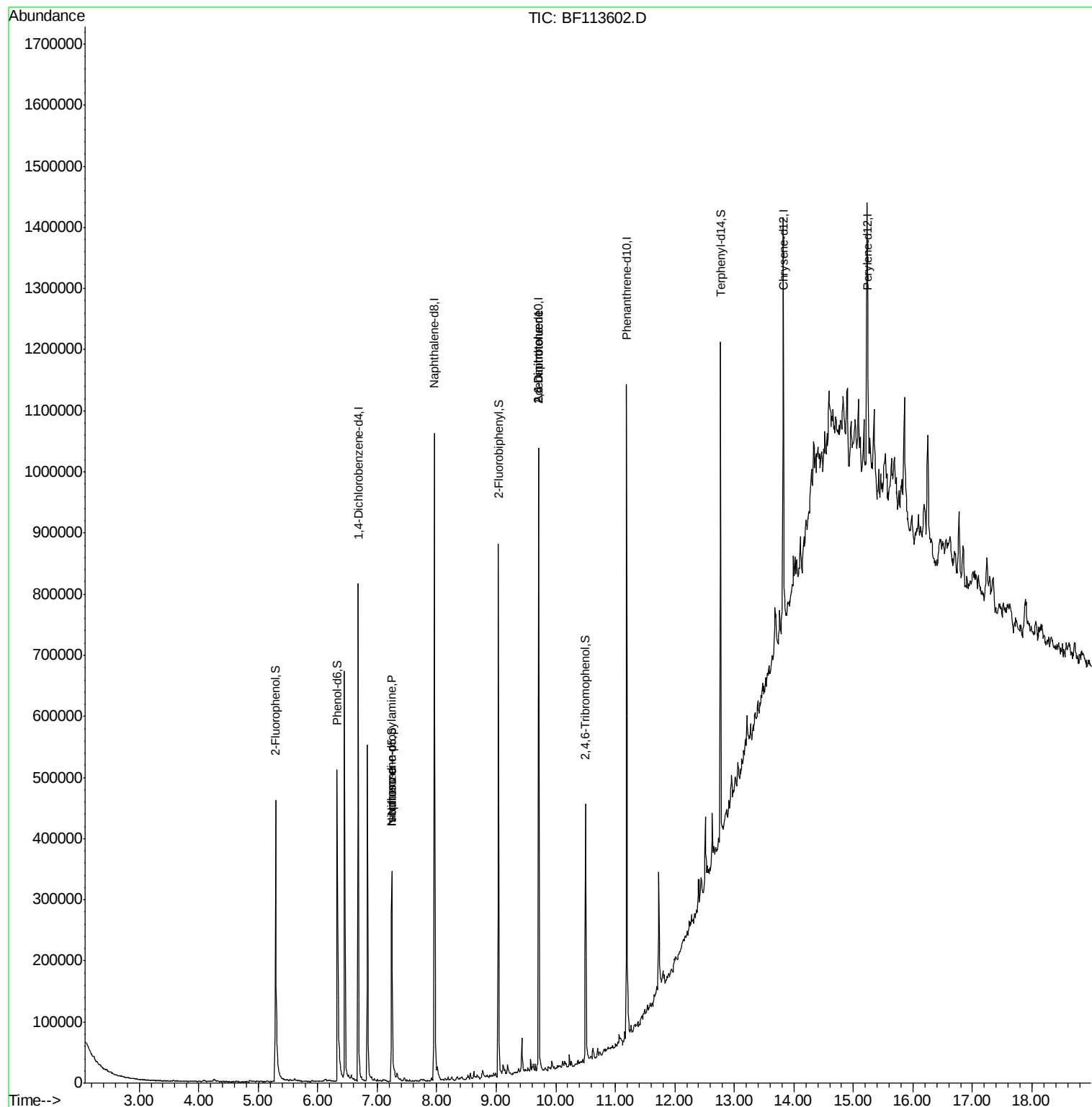
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	125906	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	470243	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	203309	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	383744	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	249823	20.00	ng	-0.02
87) Perylene-d12	15.23	264	191146	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	192333	26.05	ng	0.00
7) Phenol-d6	6.33	99	256171	28.15	ng	-0.01
23) Nitrobenzene-d5	7.25	82	139502	17.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	59020	24.17	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	297892	23.59	ng	-0.02
79) Terphenyl-d14	12.77	244	270612	22.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	18026	3.212	ng	# 77
25) Isophorone	7.25	82	139501	9.020	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	26842	8.125	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	26842	6.718	ng	# 23

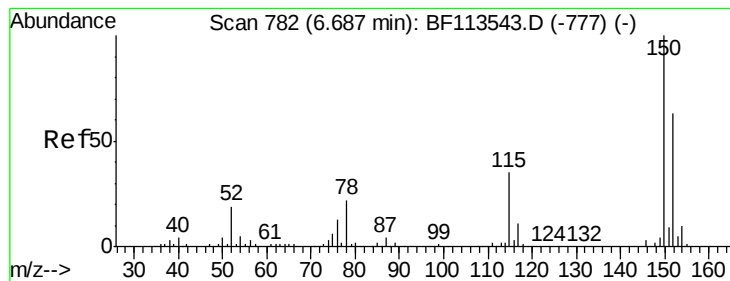
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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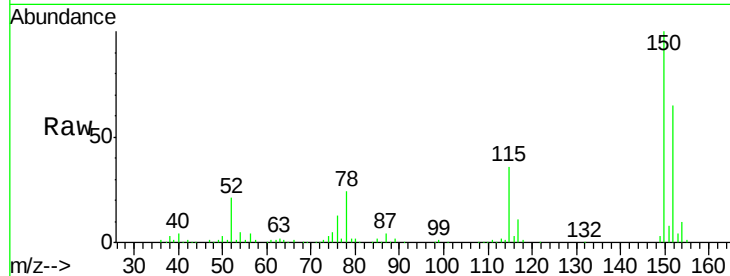


#1

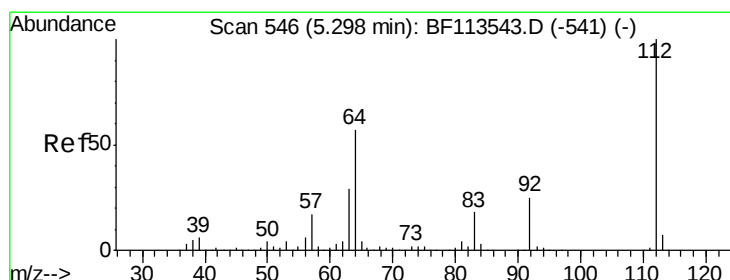
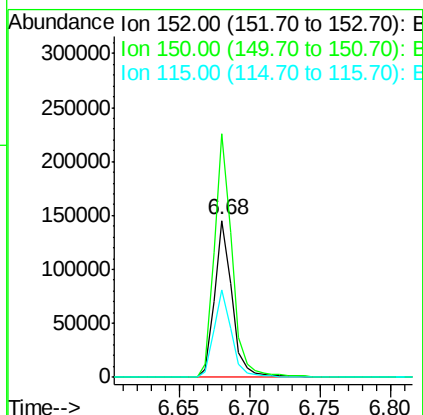
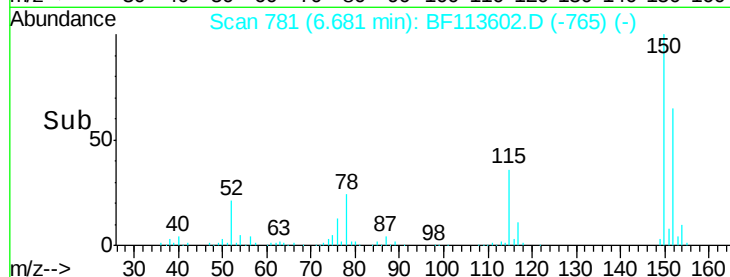
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125906
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 55.4 46.0 69.0



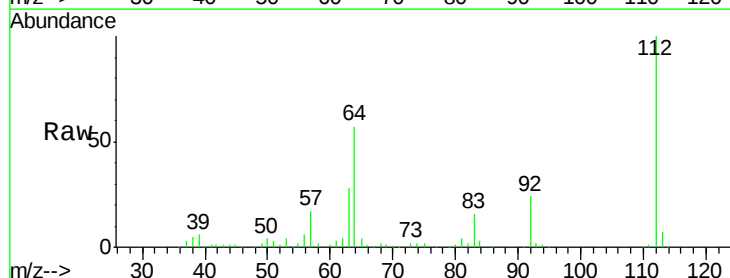
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



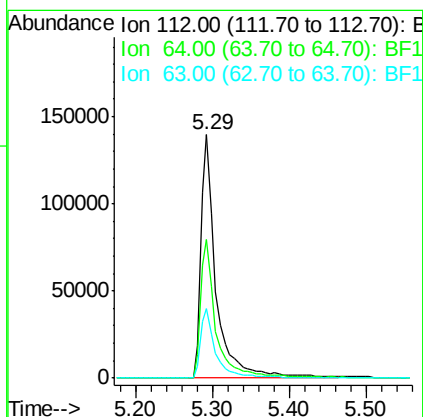
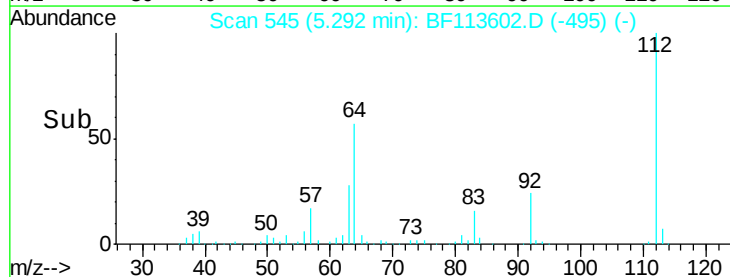
#5

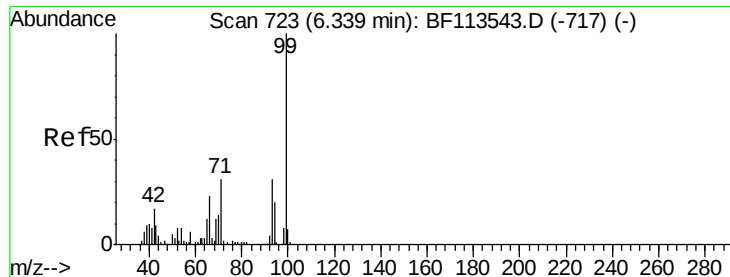
2-Fluorophenol
Concen: 26.049 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

Tgt Ion:112 Resp: 192333
Ion Ratio Lower Upper
112 100
64 57.2 49.2 73.8
63 28.5 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: 28.150 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampled :

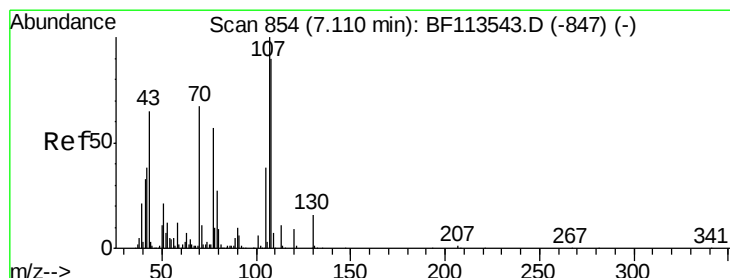
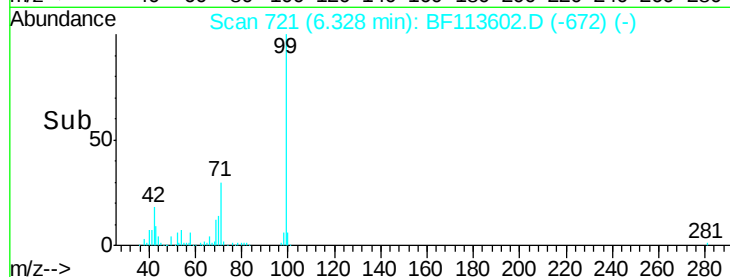
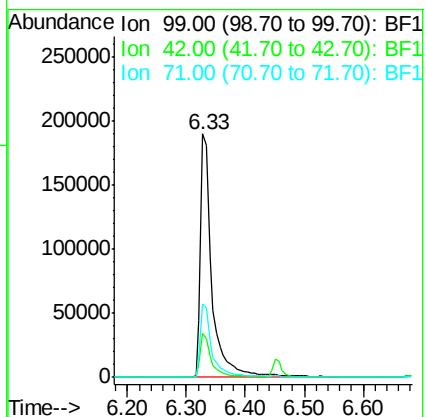
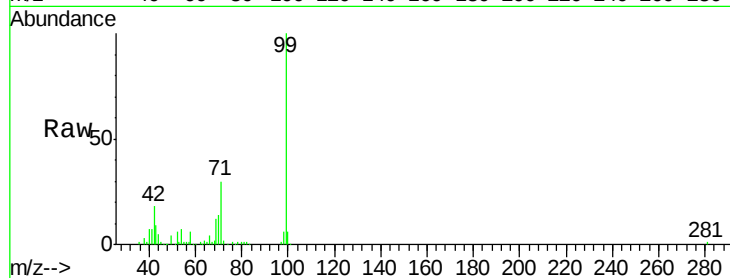
Tot Ion: 99 Resp: 256171

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

71 30.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 3.212 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Tgt Ion: 70 Resp: 18026

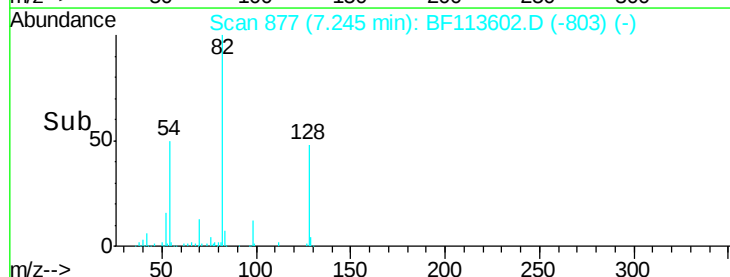
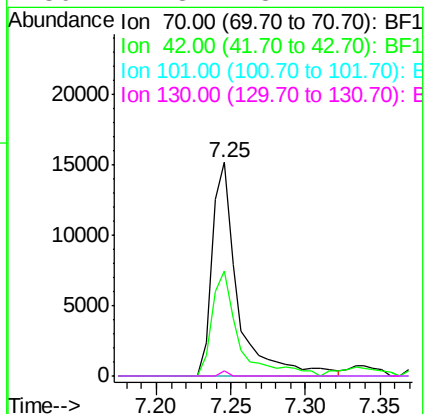
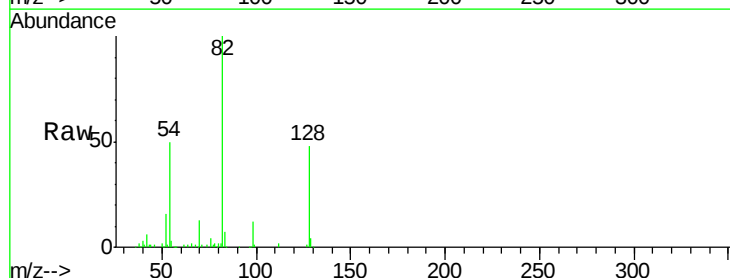
Ion Ratio Lower Upper

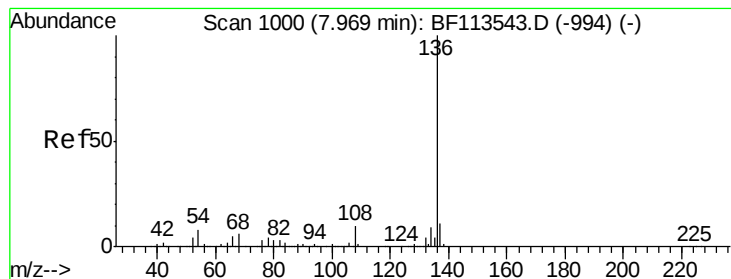
70 100

42 49.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470243

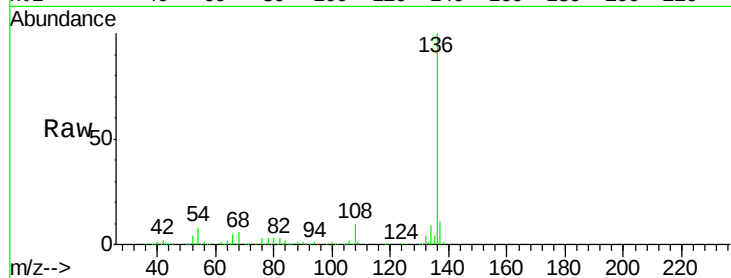
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 7.0 10.6

68 5.9 4.8 7.2

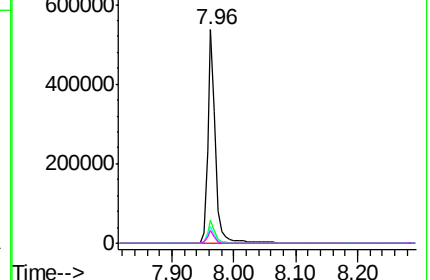
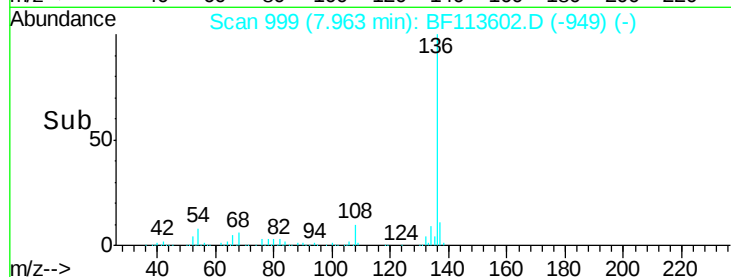


Abundance Ion 136.00 (135.70 to 136.70): E

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: 17.377 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

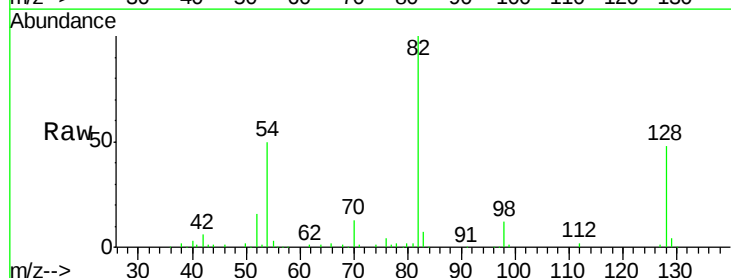
Tgt Ion: 82 Resp: 139502

Ion Ratio Lower Upper

82 100

128 48.3 36.5 54.7

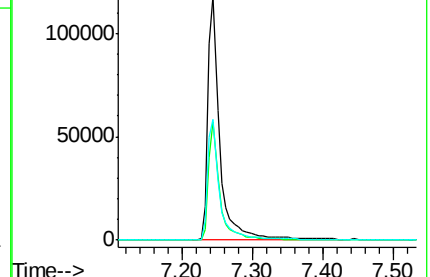
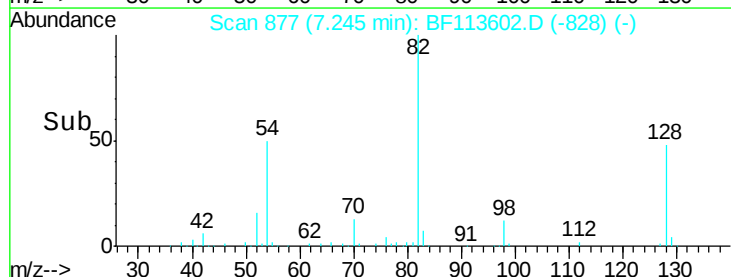
54 49.7 42.2 63.2



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: 9.020 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampleId :

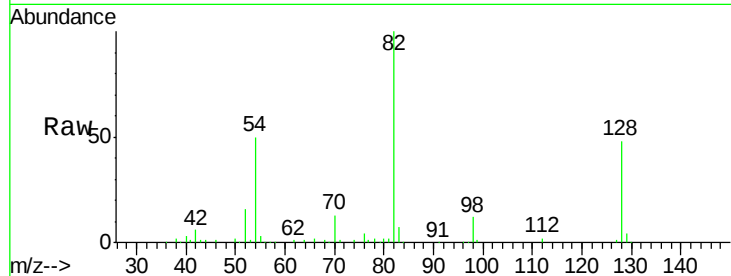
Tot Ion: 82 Resp: 139501

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

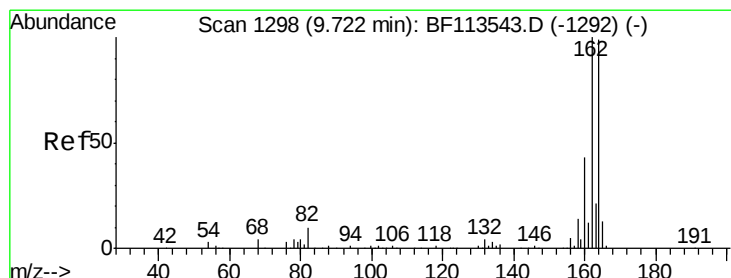
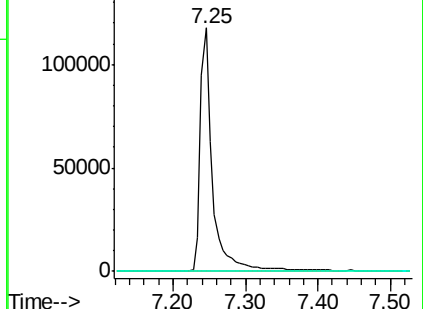
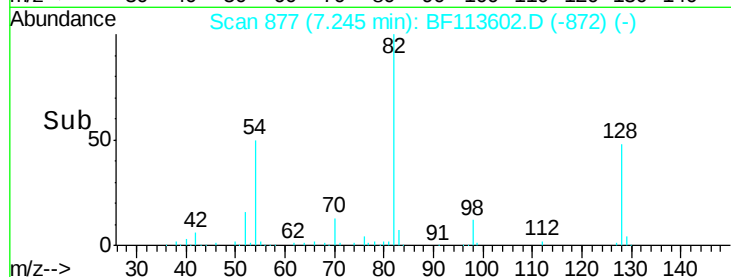
138 0.0 15.2 22.8#



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: BF113602.D

Acq: 5 Apr 2019 00:26

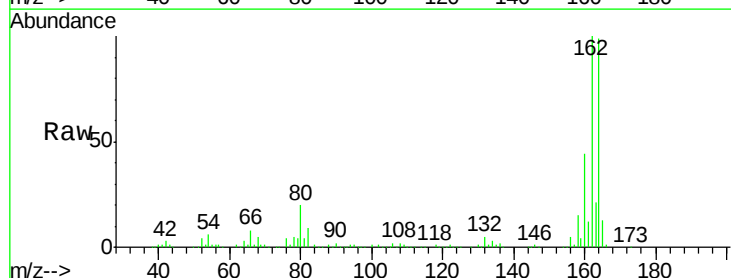
Tgt Ion:164 Resp: 203309

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

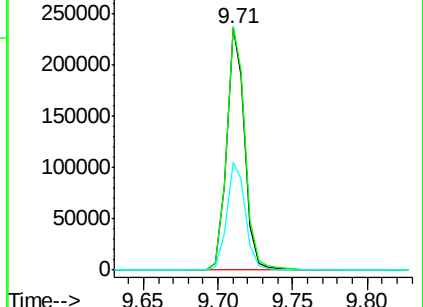
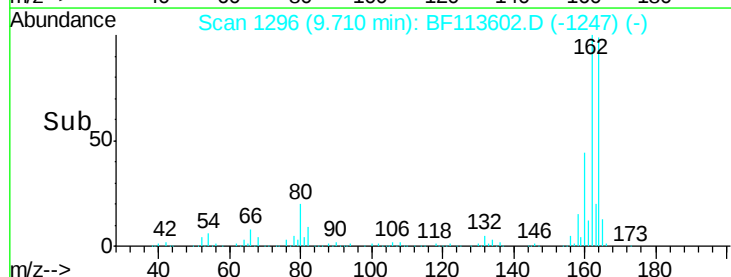
160 44.5 36.4 54.6



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

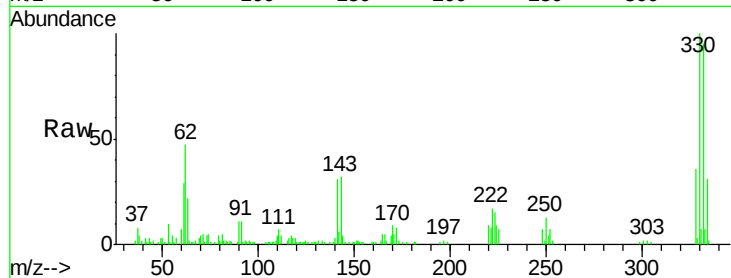




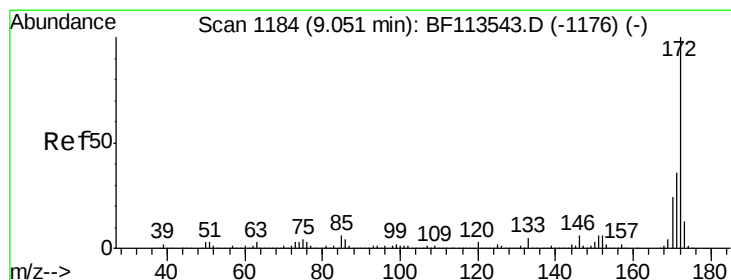
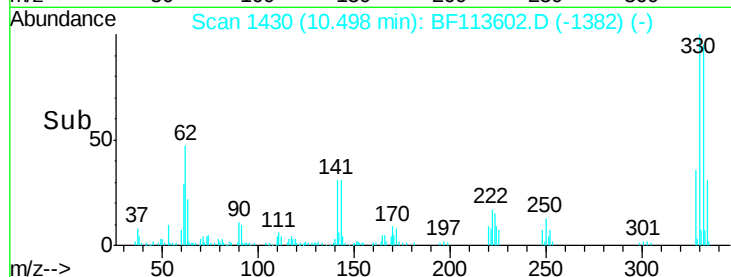
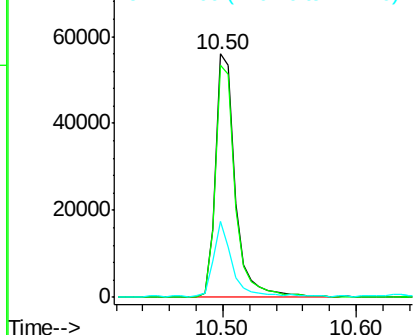
#42
 2,4,6-Tribromophenol
 Concen: 24.166 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113602.D
 Acq: 5 Apr 2019 00:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 59020
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.8 116.6
 141 30.9 22.7 34.1

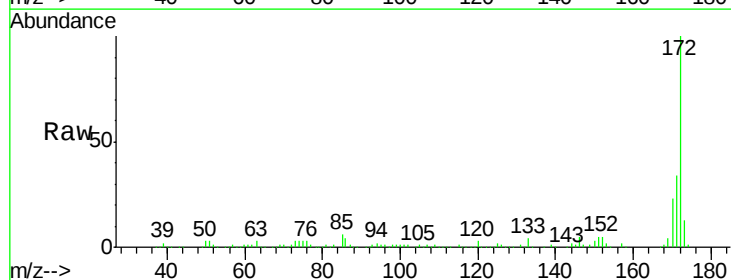


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

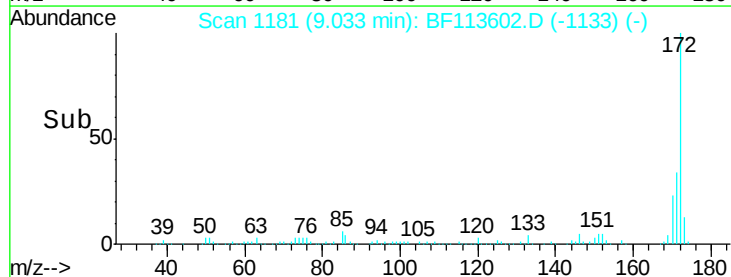
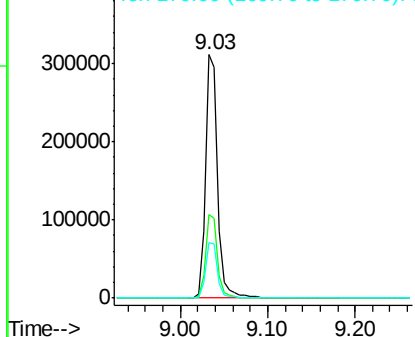


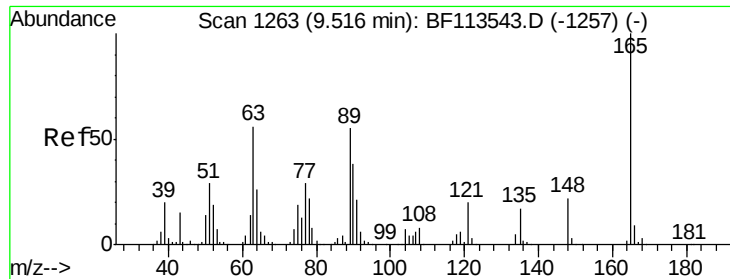
#45
 2-Fluorobiphenyl
 Concen: 23.588 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113602.D
 Acq: 5 Apr 2019 00:26

Tgt Ion:172 Resp: 297892
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.6
 170 23.0 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





#51

2,6-Dinitrotoluene

Concen: 8.125 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampleId :

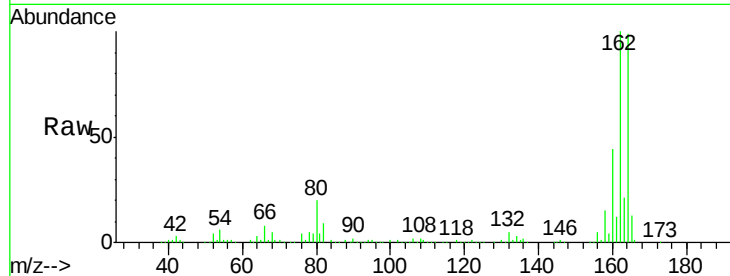
Tot Ion:165 Resp: 26842

Ion Ratio Lower Upper

165 100

63 1.0 43.4 65.0#

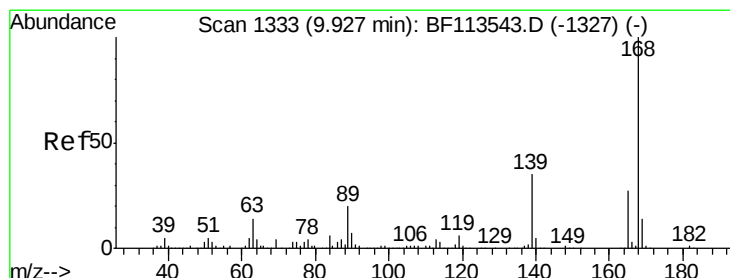
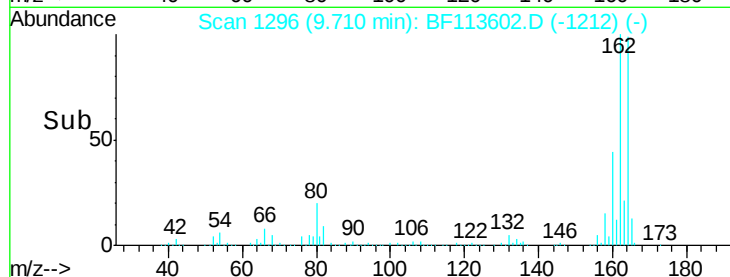
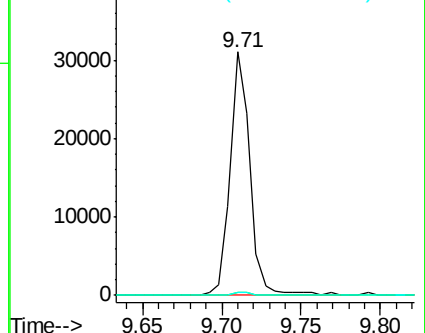
89 1.1 43.1 64.7#



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: 6.718 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Tgt Ion:165 Resp: 26842

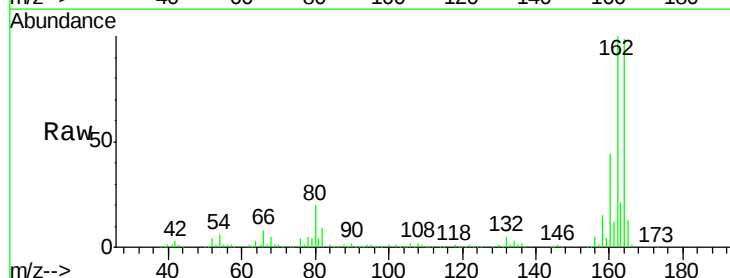
Ion Ratio Lower Upper

165 100

63 1.0 37.5 56.3#

89 1.1 57.4 86.2#

182 0.0 2.0 3.0#

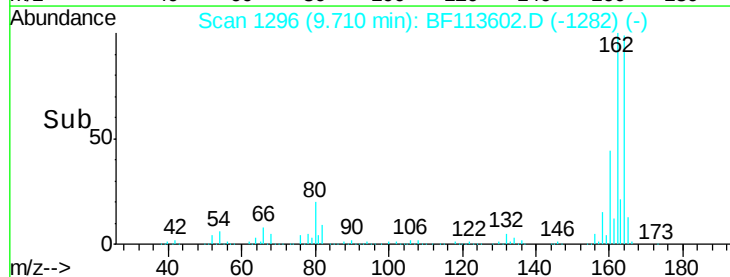
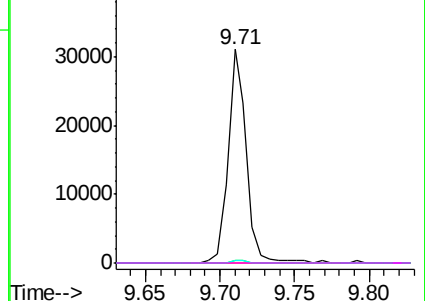


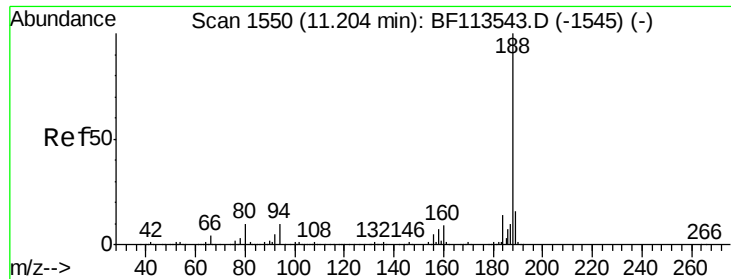
Abundance Ion 165.00 (164.70 to 165.70): E

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

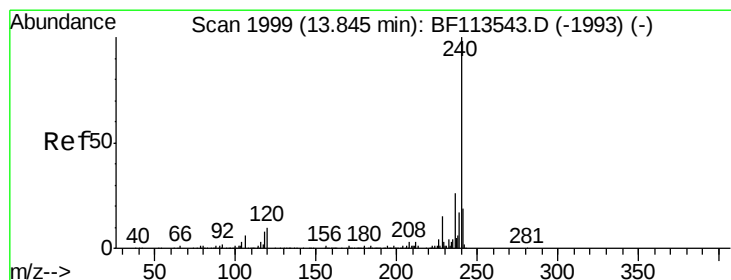
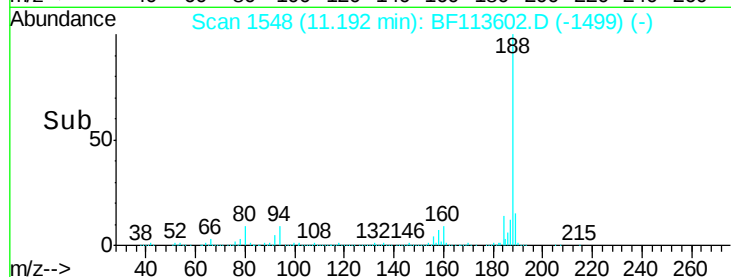
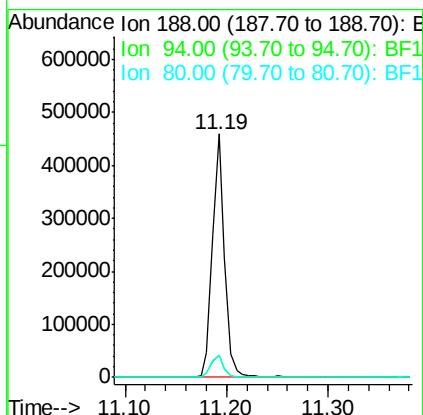
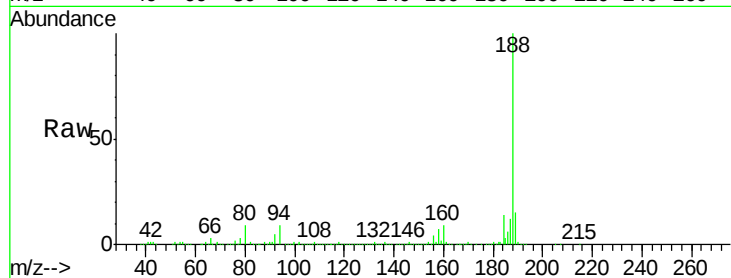




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

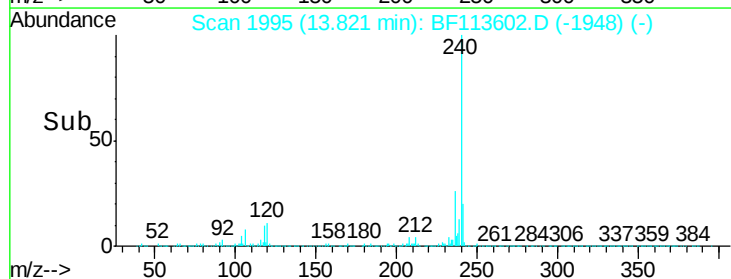
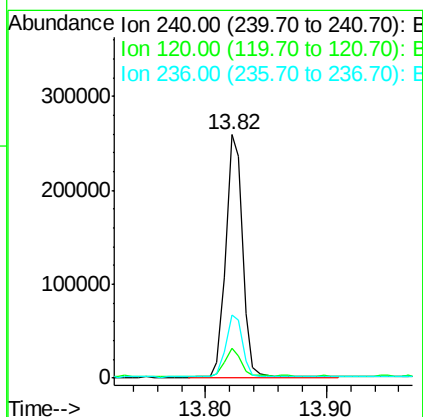
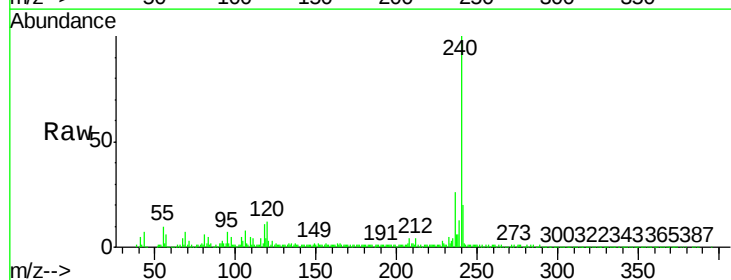
Instrument :
BNA_F
ClientSampleId :

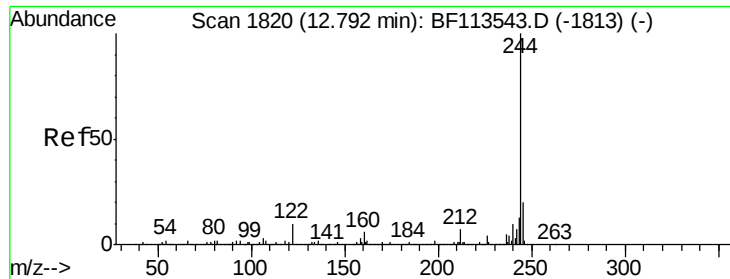
Tot Ion:188 Resp: 383744
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113602.D
Acq: 5 Apr 2019 00:26

Tgt Ion:240 Resp: 249823
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 22.054 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

Instrument :

BNA_F

ClientSampleId :

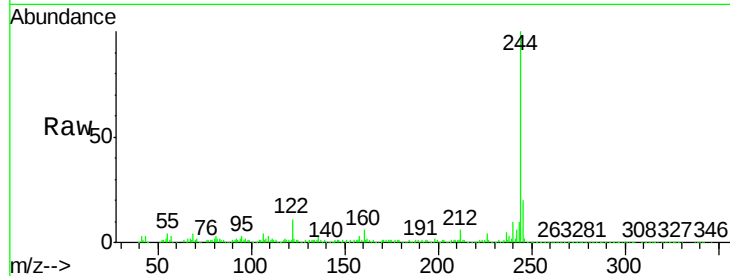
Tot Ion:244 Resp: 270612

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

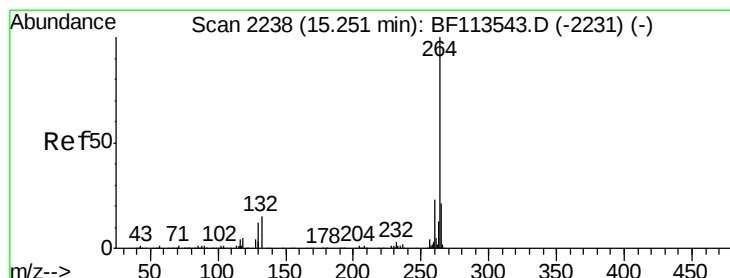
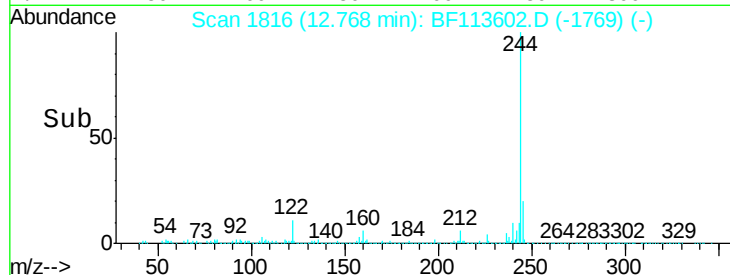
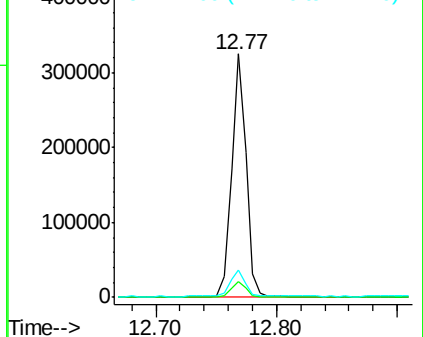
122 11.0 8.6 13.0



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# 2234

Delta R.T. -0.02 min

Lab File: BF113602.D

Acq: 5 Apr 2019 00:26

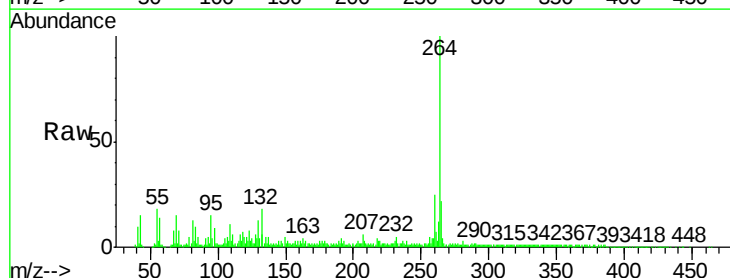
Tgt Ion:264 Resp: 191146

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.2 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

