

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113629.D
 Acq On : 5 Apr 2019 21:52
 Operator : JU/SJ
 Sample : K2245-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 23:26:12 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

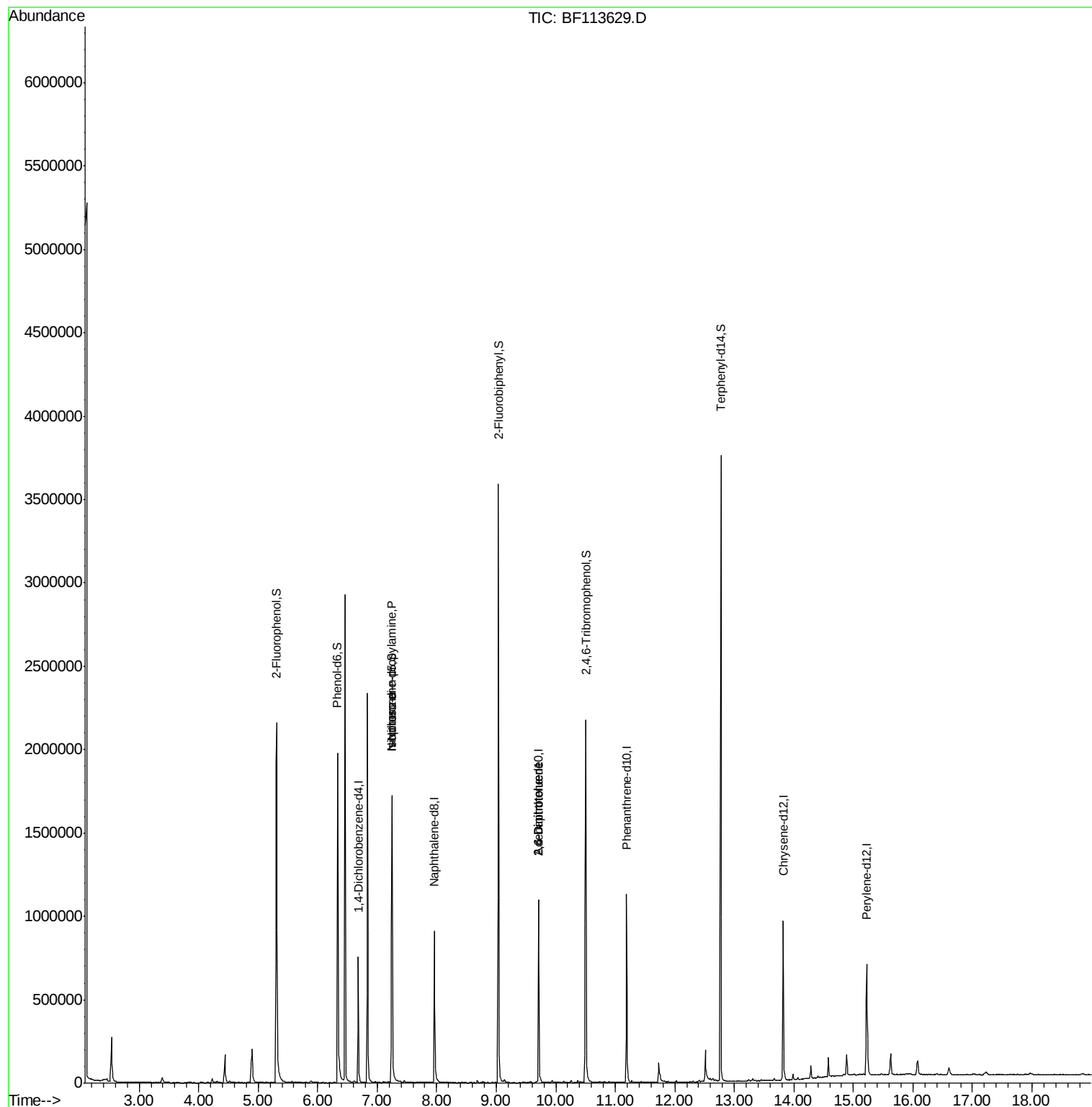
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	117417	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	450673	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	223198	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	466034	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	361933	20.00	ng	-0.02
87) Perylene-d12	15.22	264	307863	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	747240	108.52	ng	0.01
7) Phenol-d6	6.33	99	869749	102.48	ng	0.00
23) Nitrobenzene-d5	7.25	82	649115	84.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	342227	127.64	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1192918	86.04	ng	-0.01
79) Terphenyl-d14	12.77	244	1438305	80.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	83265	15.911	ng	# 78
25) Isophorone	7.25	82	649111	43.796	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	27664	7.628	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	27664	6.307	ng	# 23

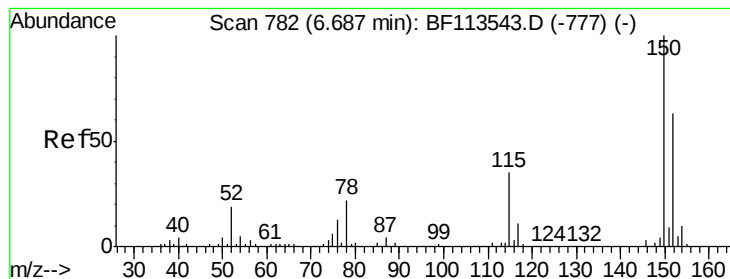
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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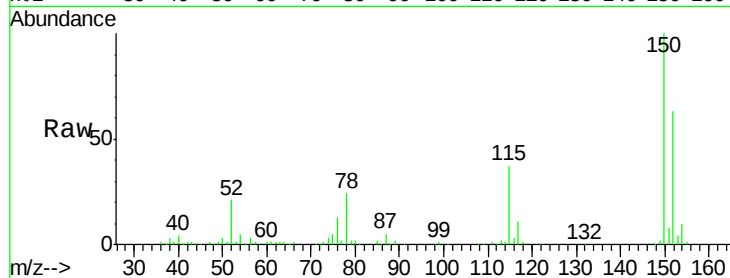


#1

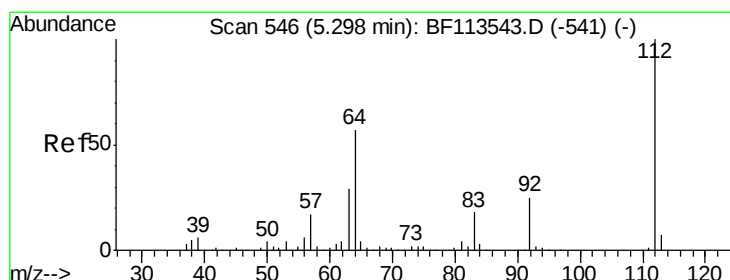
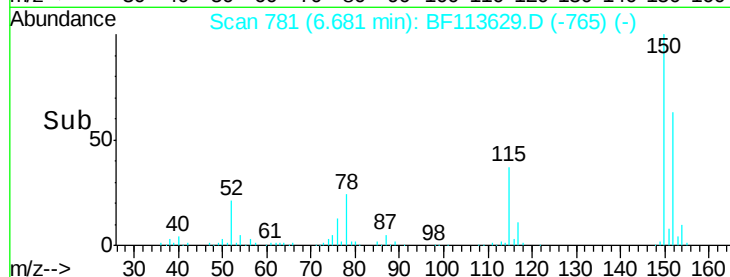
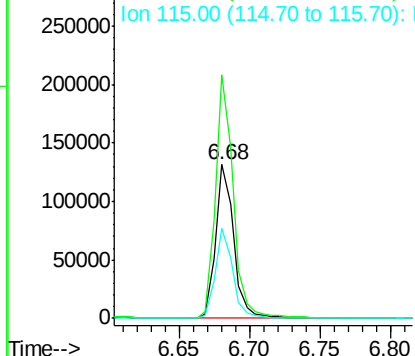
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113629.D
Acq: 5 Apr 2019 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117417
Ion Ratio Lower Upper
152 100
150 158.3 124.7 187.1
115 58.4 46.0 69.0



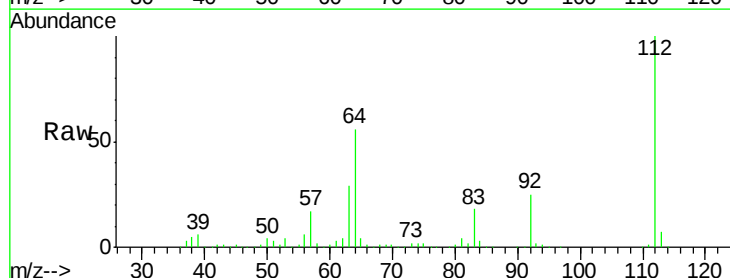
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



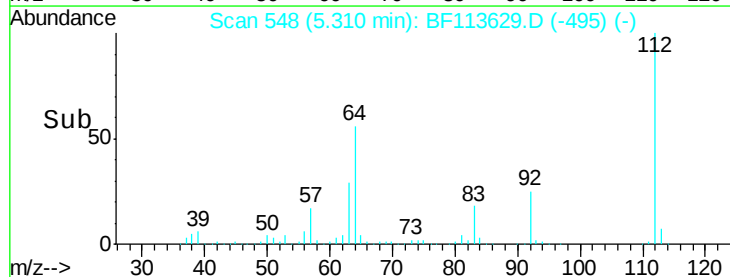
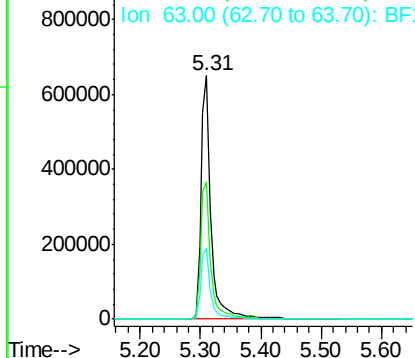
#5

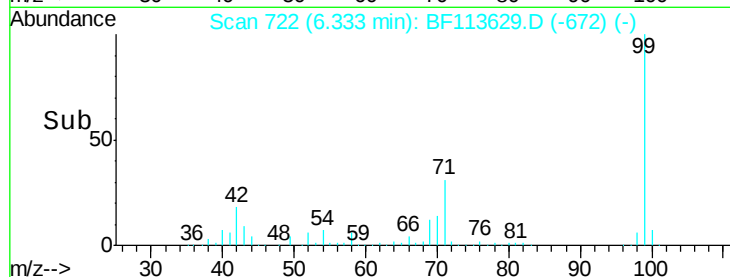
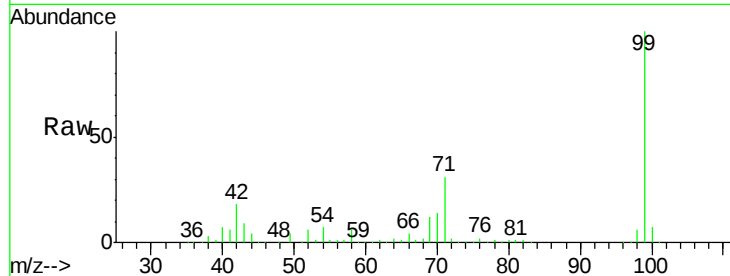
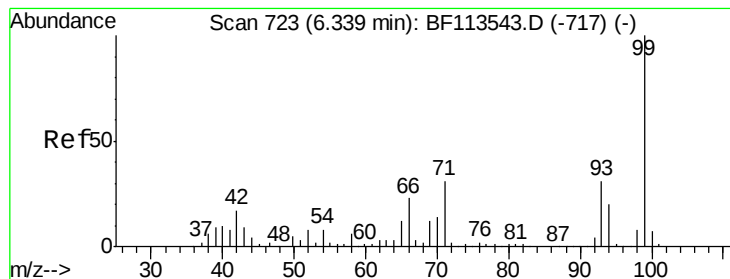
2-Fluorophenol
Concen: 108.521 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113629.D
Acq: 5 Apr 2019 21:52

Tgt Ion:112 Resp: 747240
Ion Ratio Lower Upper
112 100
64 56.4 49.2 73.8
63 29.1 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: 102.484 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113629.D

Acq: 5 Apr 2019 21:52

Instrument :

BNA_F

ClientSampled :

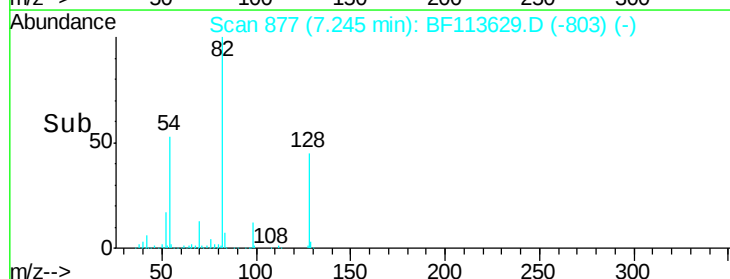
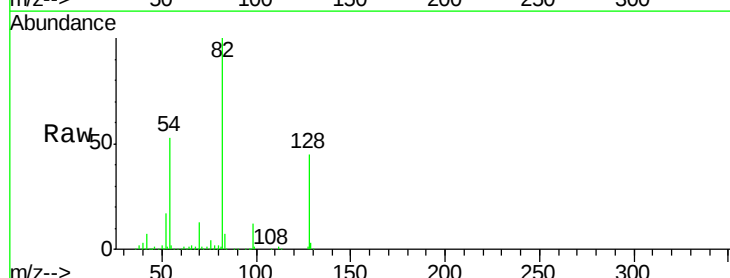
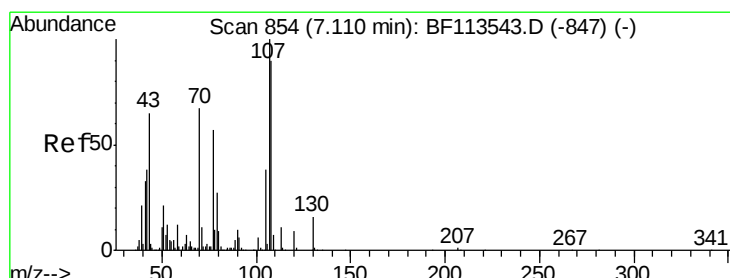
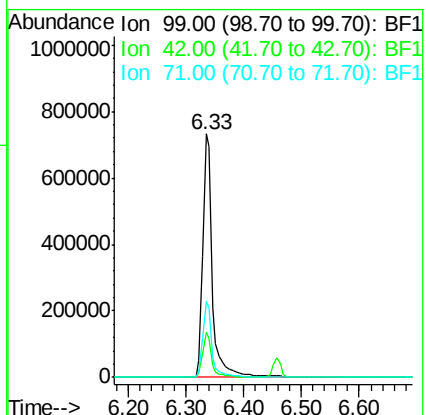
Tot Ion: 99 Resp: 869749

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 31.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.911 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113629.D

Acq: 5 Apr 2019 21:52

Tgt Ion: 70 Resp: 83265

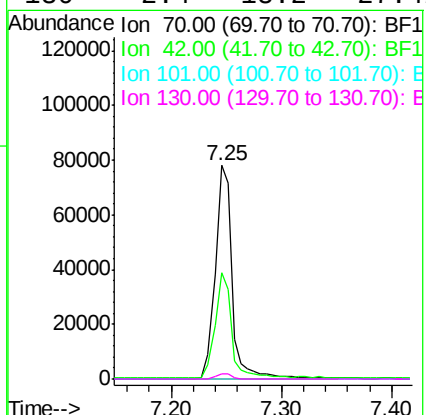
Ion Ratio Lower Upper

70 100

42 49.6 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 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: BF113629.D

Acq: 5 Apr 2019 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 450673

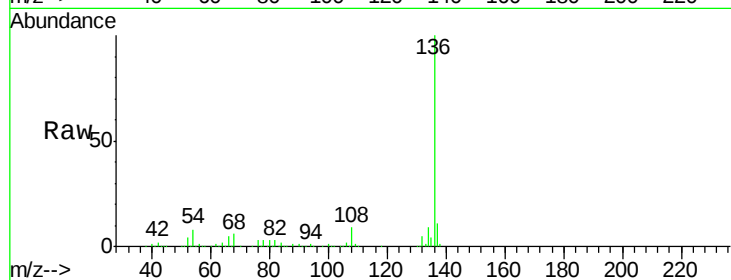
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 7.0 10.6

68 5.8 4.8 7.2

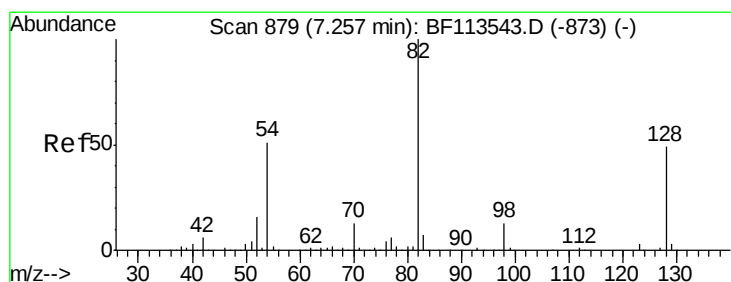
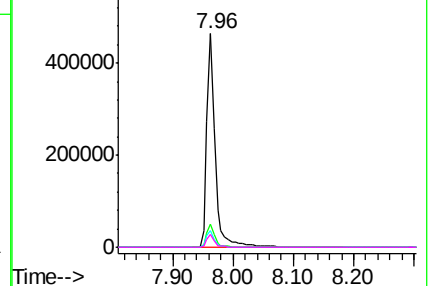
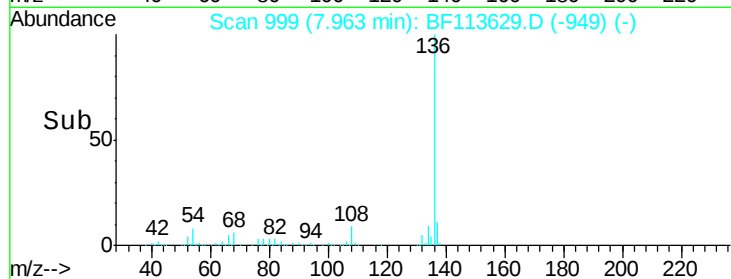


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.367 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113629.D

Acq: 5 Apr 2019 21:52

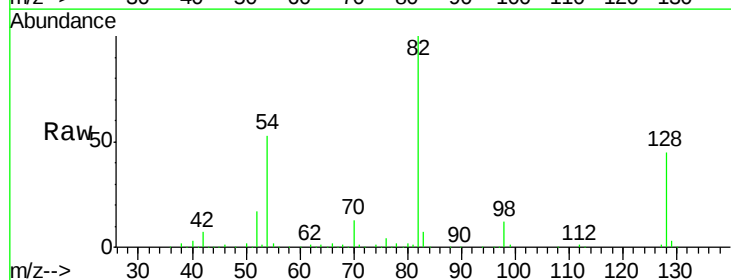
Tgt Ion: 82 Resp: 649115

Ion Ratio Lower Upper

82 100

128 45.0 36.5 54.7

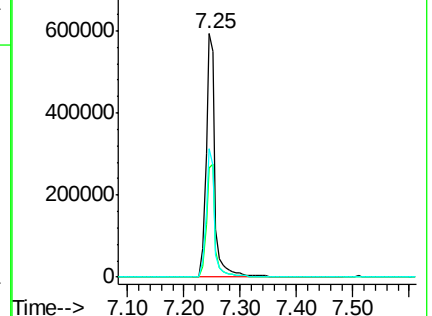
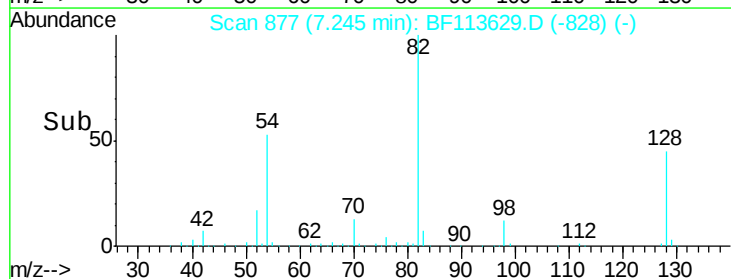
54 52.8 42.2 63.2

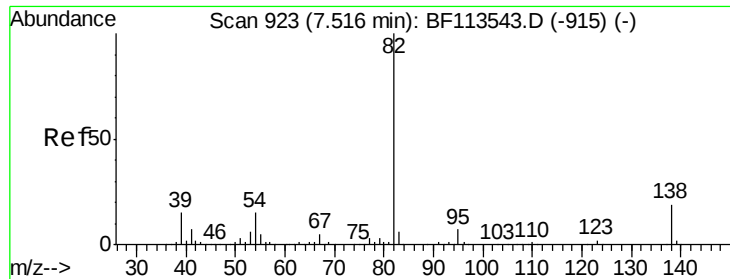


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.796 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113629.D

Acq: 5 Apr 2019 21:52

Instrument :

BNA_F

ClientSampleId :

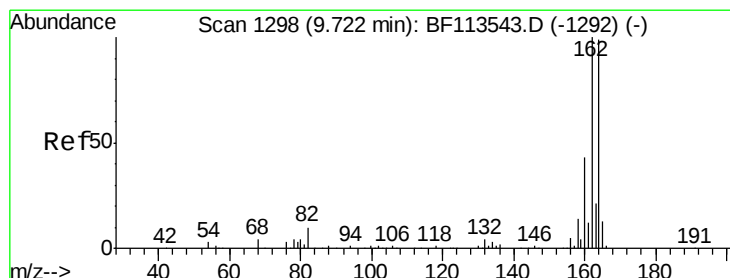
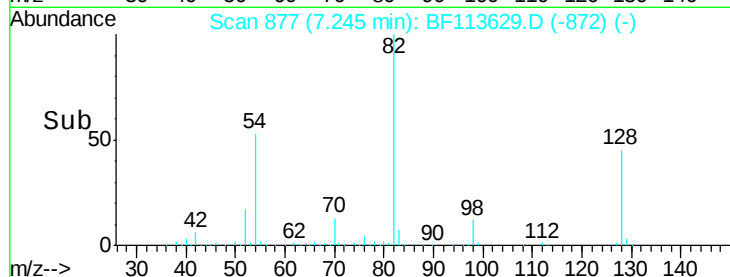
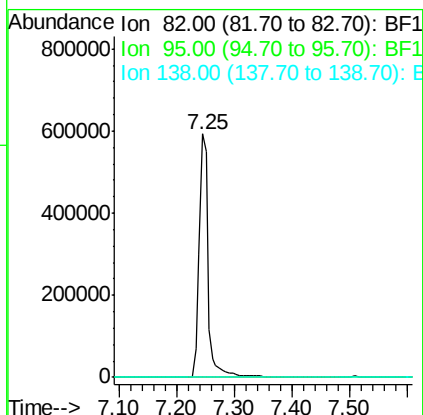
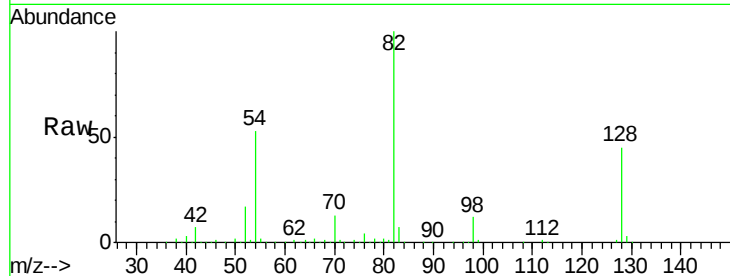
Tot Ion: 82 Resp: 649111

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: BF113629.D

Acq: 5 Apr 2019 21:52

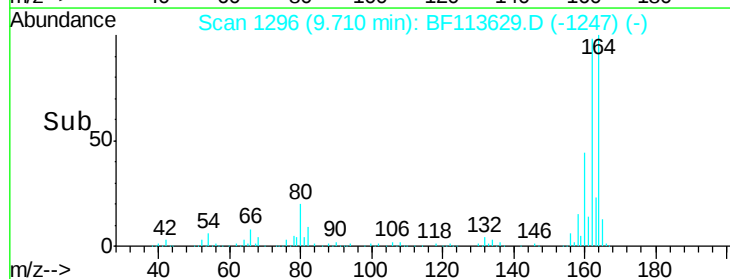
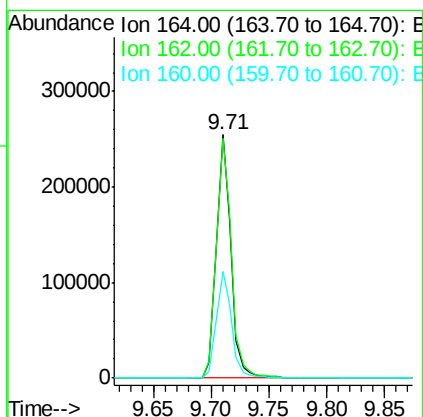
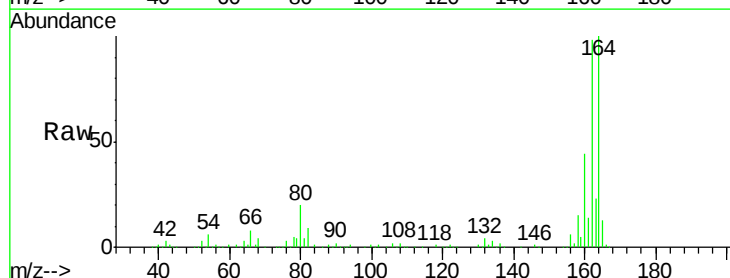
Tgt Ion:164 Resp: 223198

Ion Ratio Lower Upper

164 100

162 98.4 81.8 122.6

160 44.0 36.4 54.6

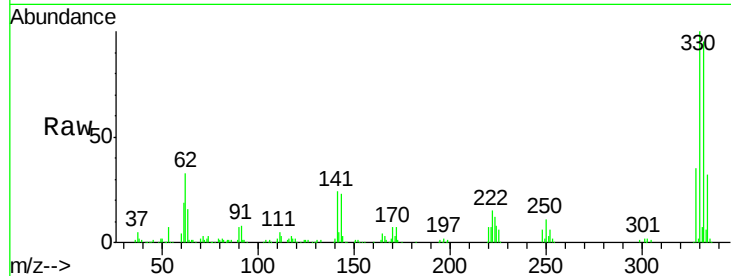




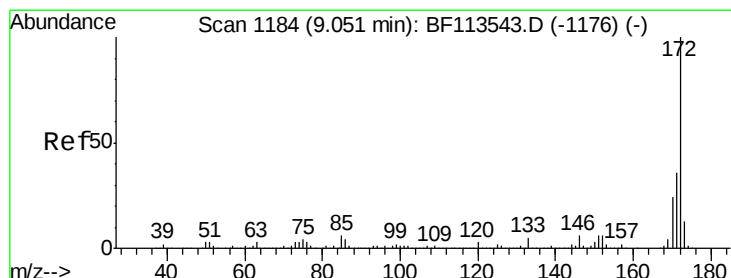
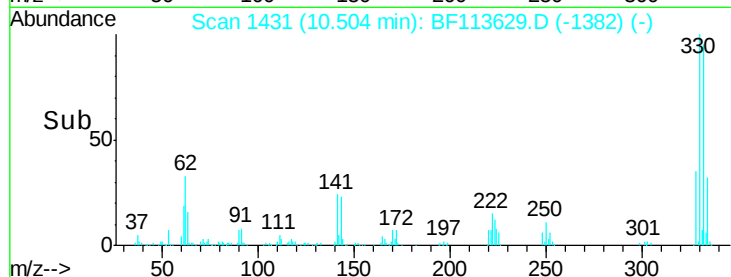
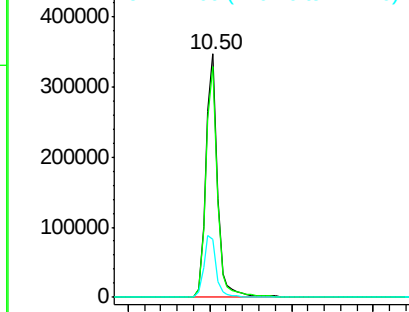
#42
 2,4,6-Tribromophenol
 Concen: 127.642 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113629.D
 Acq: 5 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 342227
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 27.7 22.7 34.1

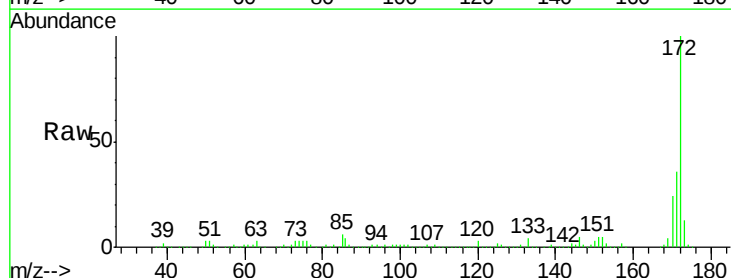


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

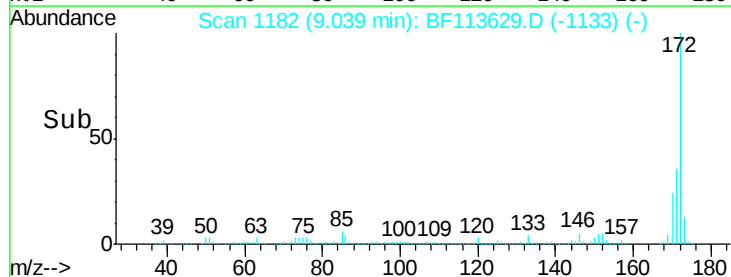
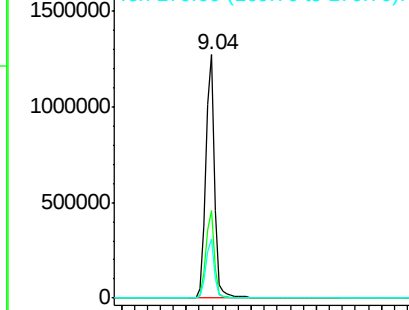


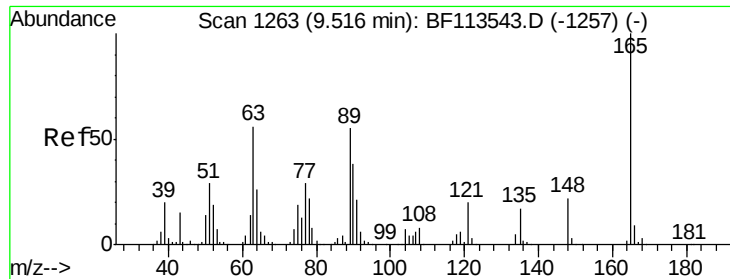
#45
 2-Fluorobiphenyl
 Concen: 86.043 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113629.D
 Acq: 5 Apr 2019 21:52

Tgt Ion:172 Resp: 1192918
 Ion Ratio Lower Upper
 172 100
 171 35.7 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





#51

2,6-Dinitrotoluene

Concen: 7.628 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113629.D

Acq: 5 Apr 2019 21:52

Instrument :

BNA_F

ClientSampleId :

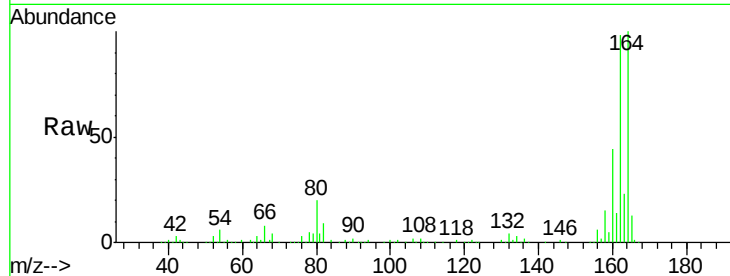
Tot Ion:165 Resp: 27664

Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

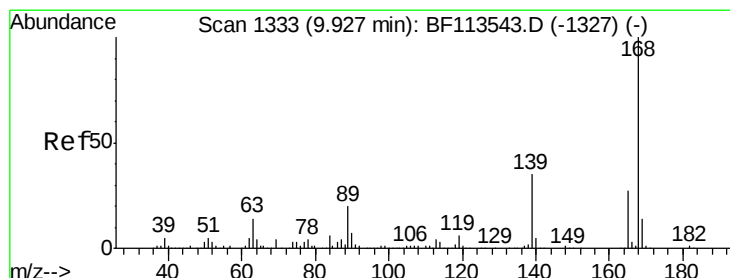
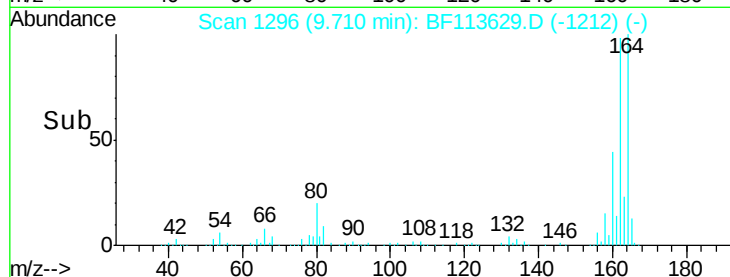
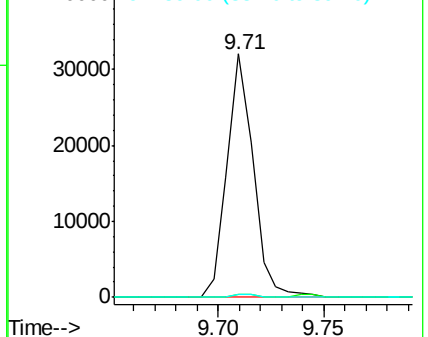
89 1.1 43.1 64.7#



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: 6.307 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113629.D

Acq: 5 Apr 2019 21:52

Tgt Ion:165 Resp: 27664

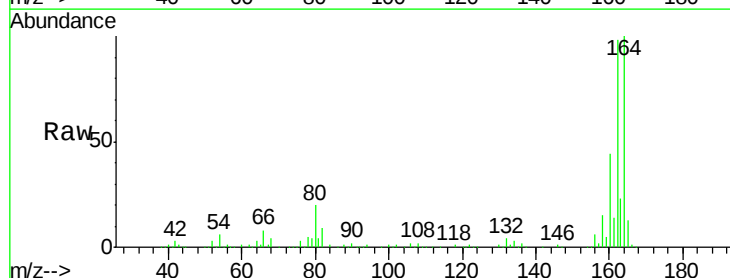
Ion Ratio Lower Upper

165 100

63 1.1 37.5 56.3#

89 1.1 57.4 86.2#

182 0.0 2.0 3.0#

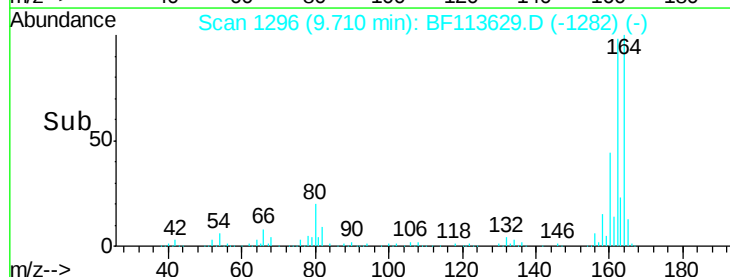
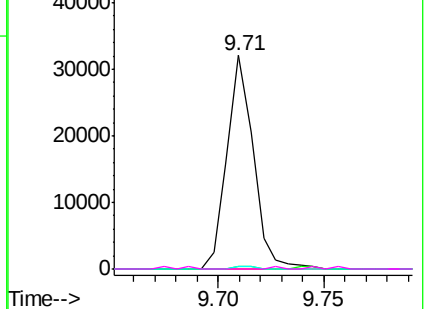


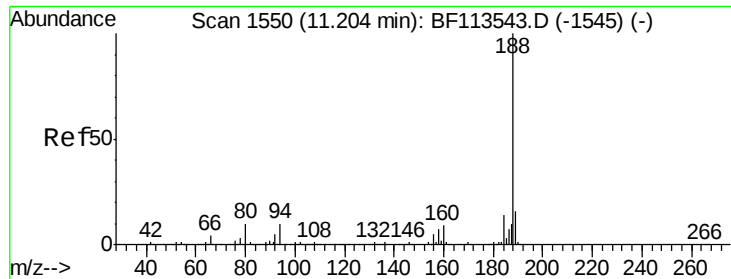
Abundance Ion 165.00 (164.70 to 165.70): E

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

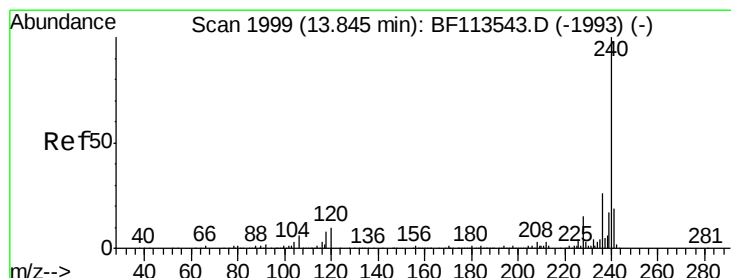
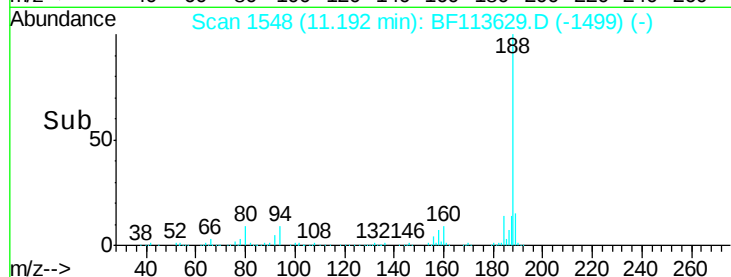
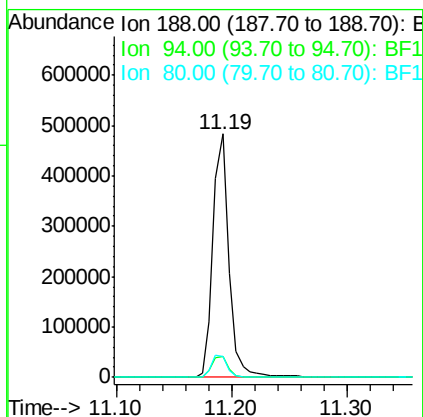
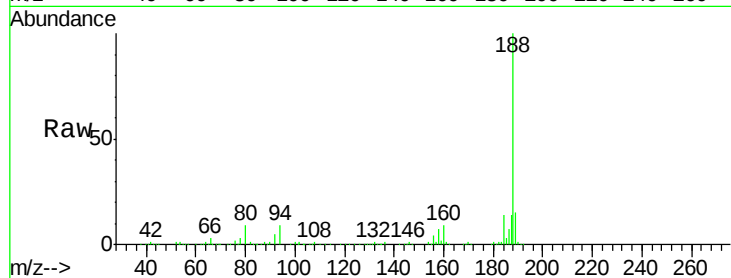




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113629.D
Acq: 5 Apr 2019 21:52

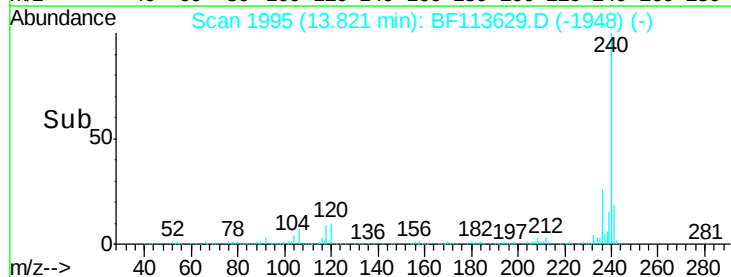
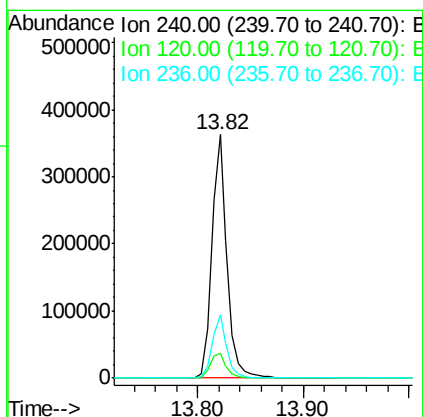
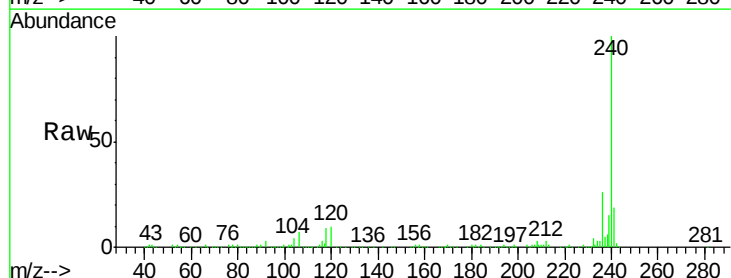
Instrument :
BNA_F
ClientSampleId :

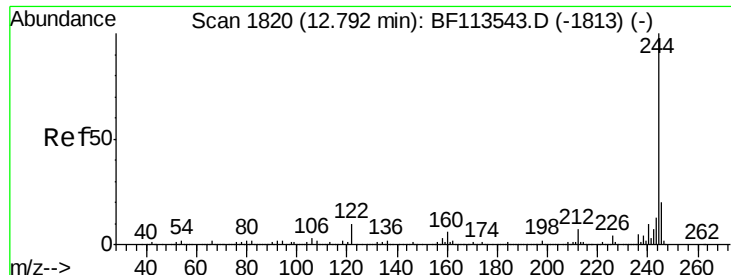
Tot Ion:188 Resp: 466034
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113629.D
Acq: 5 Apr 2019 21:52

Tgt Ion:240 Resp: 361933
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.9 20.9 31.3

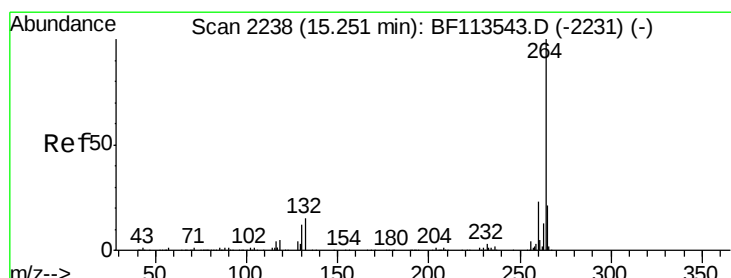
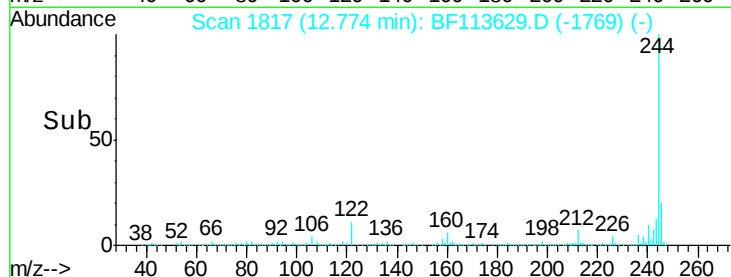
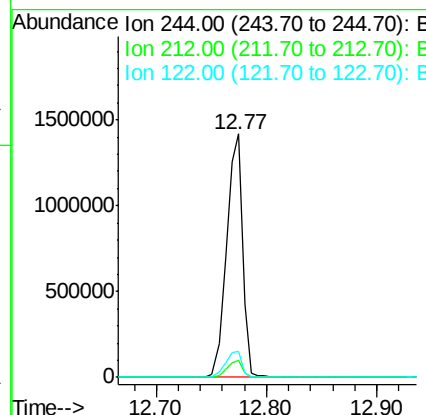
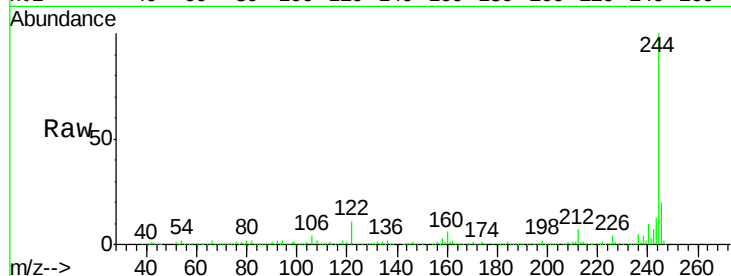




#79
 Terphenyl-d14
 Concen: 80.910 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113629.D
 Acq: 5 Apr 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1438305
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.5 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.03 min
 Lab File: BF113629.D
 Acq: 5 Apr 2019 21:52

Tgt Ion:264 Resp: 307863
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.1 17.1 25.7

