

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
 Data File : BF113704.D
 Acq On : 10 Apr 2019 18:56
 Operator : JU/SJ
 Sample : K2344-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:00:55 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

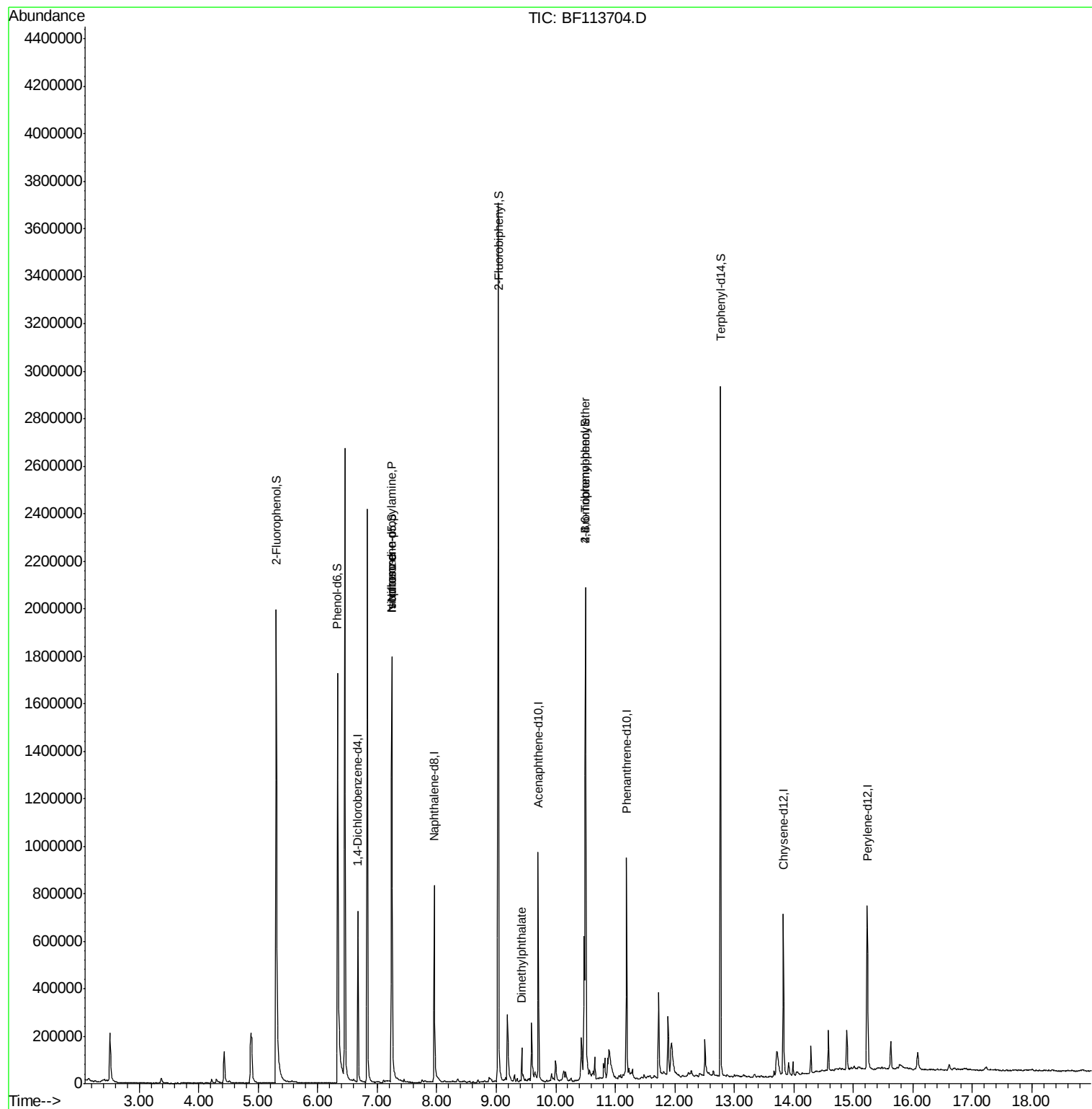
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	116830	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	442195	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	206546	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	366216	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	288953	20.00	ng	-0.02
87) Perylene-d12	15.23	264	284233	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	737765	107.68	ng	0.00
7) Phenol-d6	6.33	99	870417	103.08	ng	0.00
23) Nitrobenzene-d5	7.25	82	633560	83.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	297740	120.00	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1179372	91.92	ng	-0.02
79) Terphenyl-d14	12.77	244	1037472	73.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	80052	15.374	ng	# 77
25) Isophorone	7.25	82	633555	43.566	ng	# 64
50) Dimethylphthalate	9.43	163	59996	3.941	ng	99
67) 4-Bromophenyl-phenylether	10.50	248	16704	4.067	ng	# 1

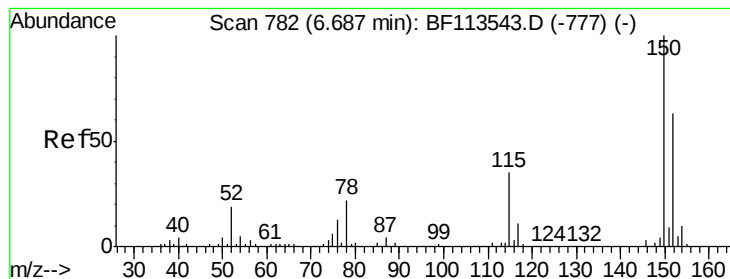
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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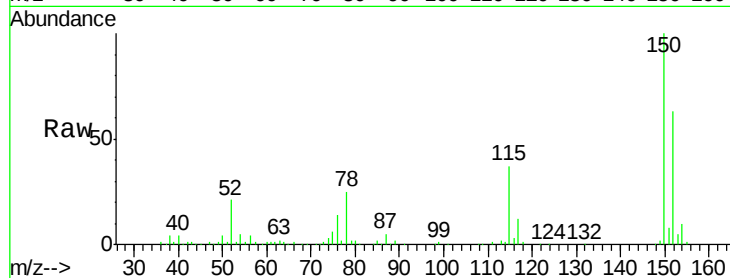


#1

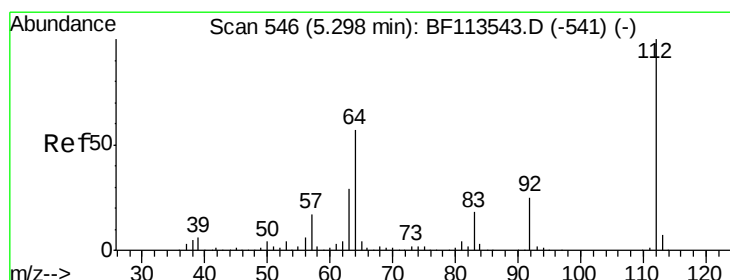
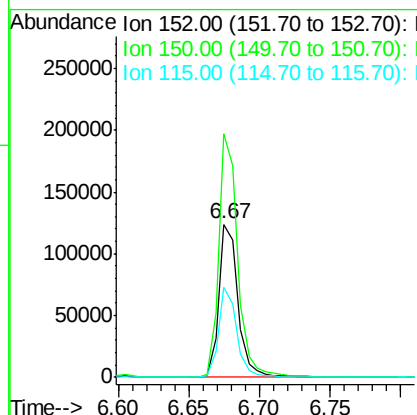
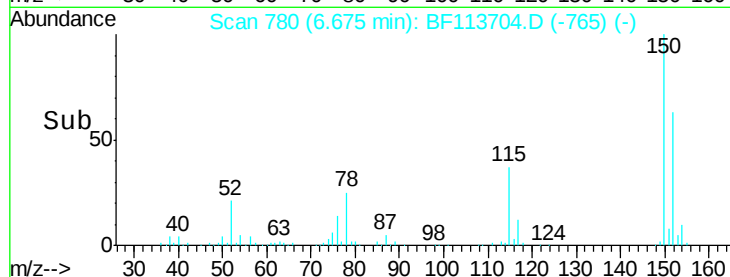
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113704.D
Acq: 10 Apr 2019 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.7	187.1
115	59.2	46.0	69.0



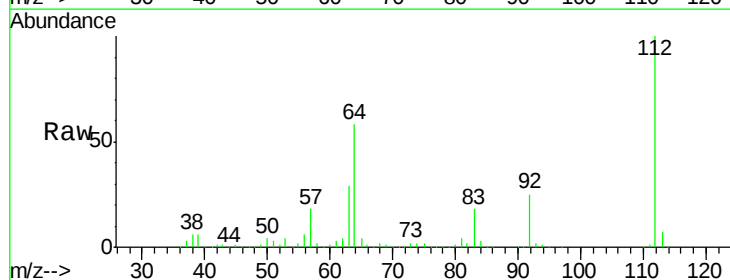
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



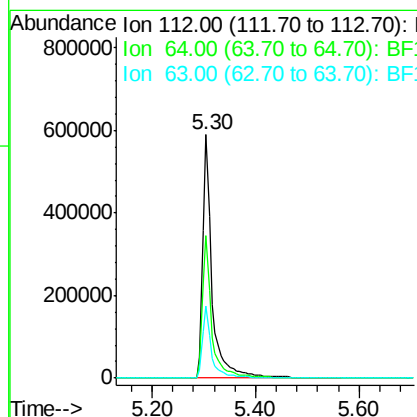
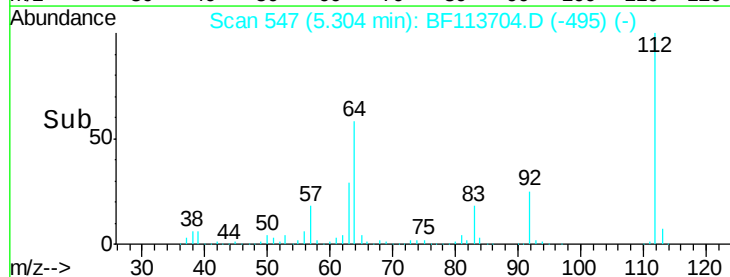
#5

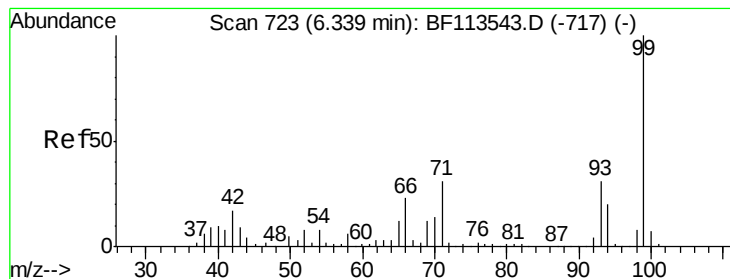
2-Fluorophenol
Concen: 107.683 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113704.D
Acq: 10 Apr 2019 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	49.2	73.8
63	29.5	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: 103.078 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Instrument :

BNA_F

ClientSampled :

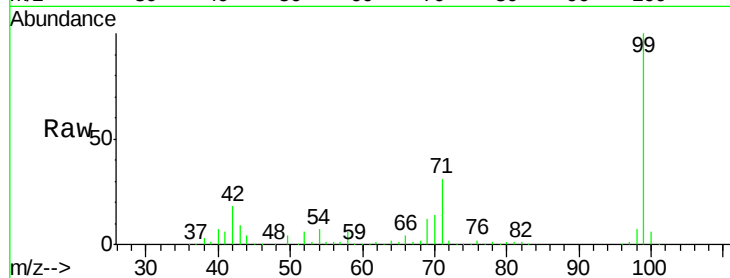
Tot Ion: 99 Resp: 870417

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

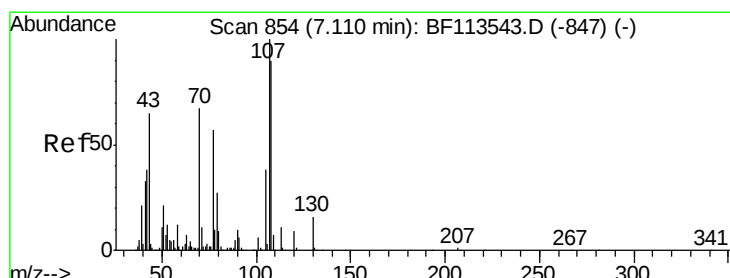
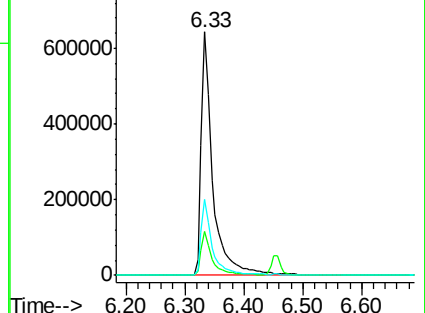
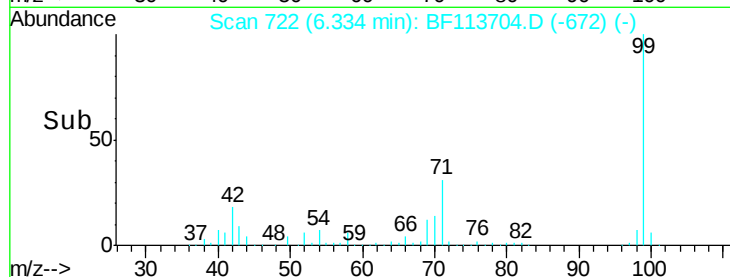
71 31.1 24.9 37.3



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: 15.374 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Tgt Ion: 70 Resp: 80052

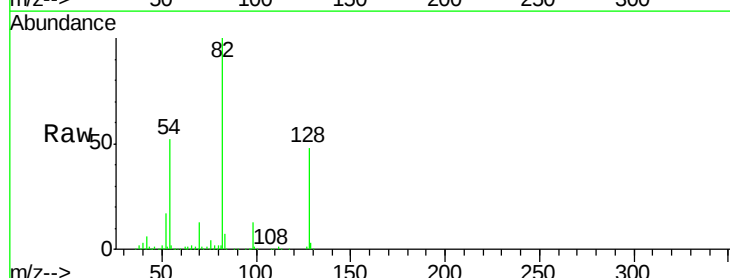
Ion Ratio Lower Upper

70 100

42 49.5 48.4 72.6

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

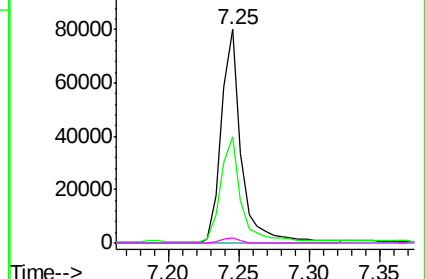
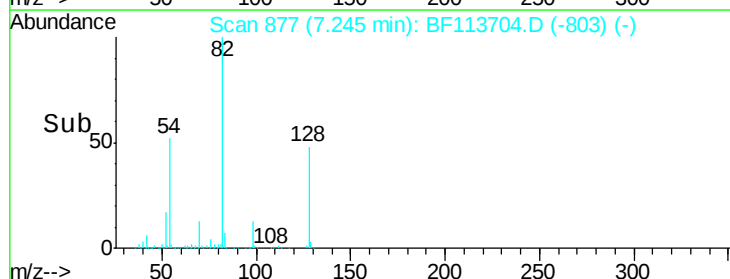


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 998

Delta R.T. -0.01 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 442195

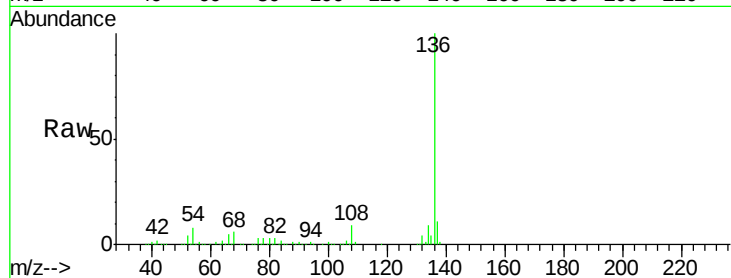
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 7.0 10.6

68 6.1 4.8 7.2

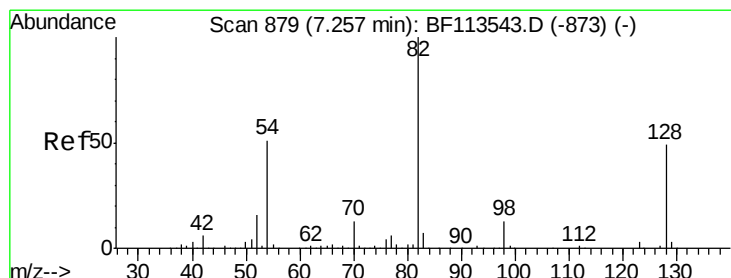
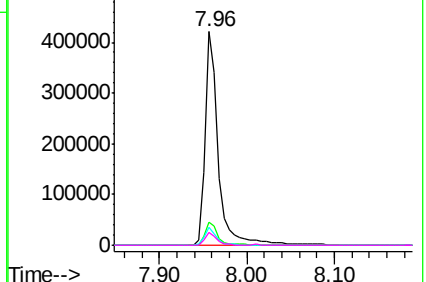
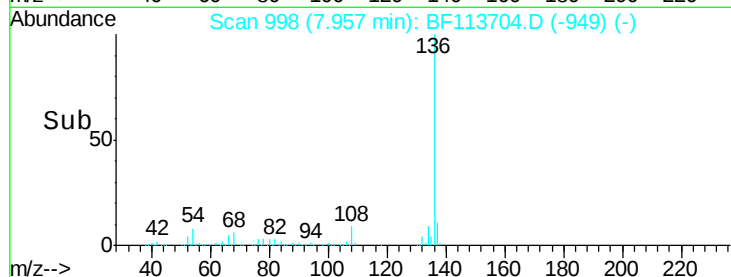


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.924 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

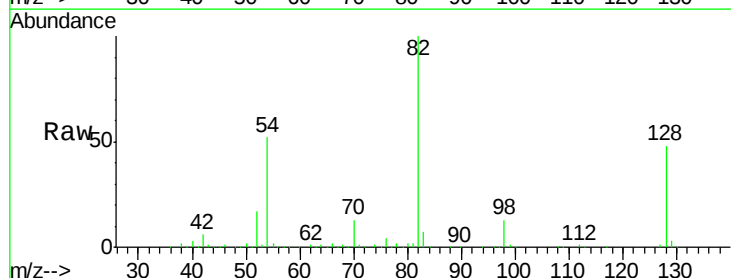
Tgt Ion: 82 Resp: 633560

Ion Ratio Lower Upper

82 100

128 48.0 36.5 54.7

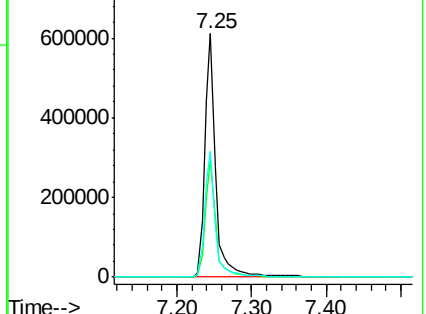
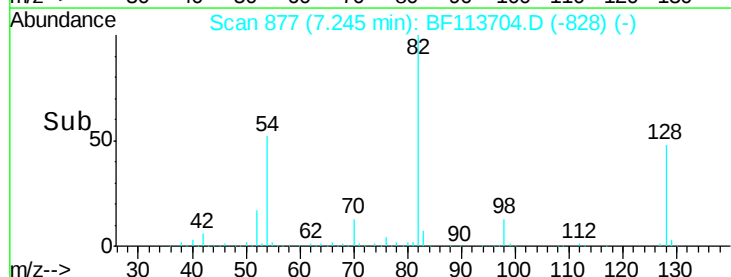
54 51.7 42.2 63.2



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: 43.566 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Instrument :

BNA_F

ClientSampleId :

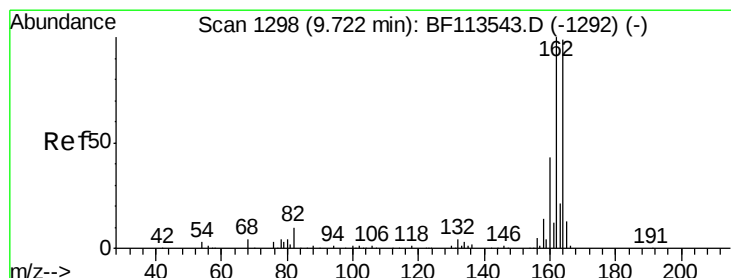
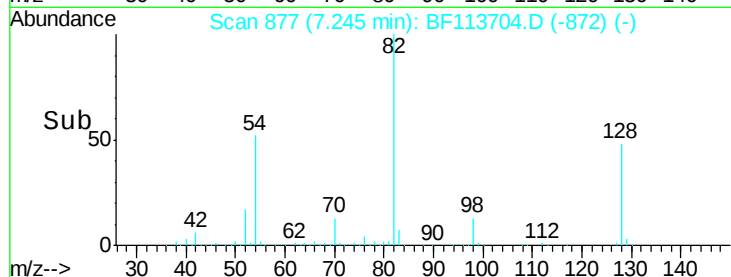
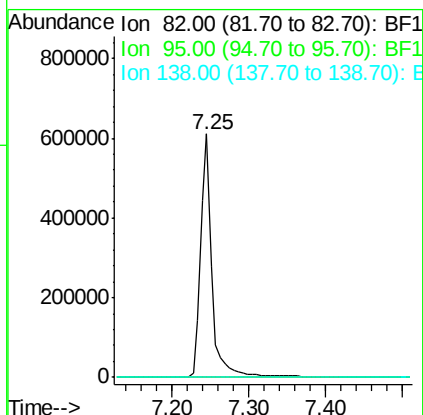
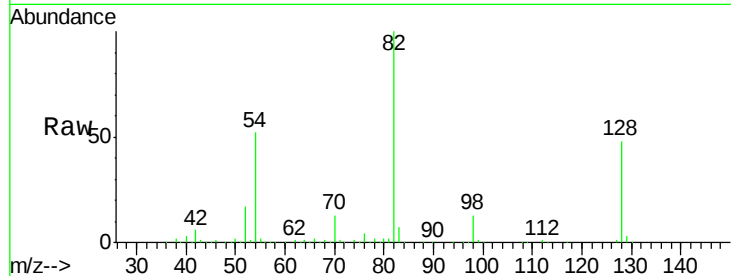
Tot Ion: 82 Resp: 633555

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: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

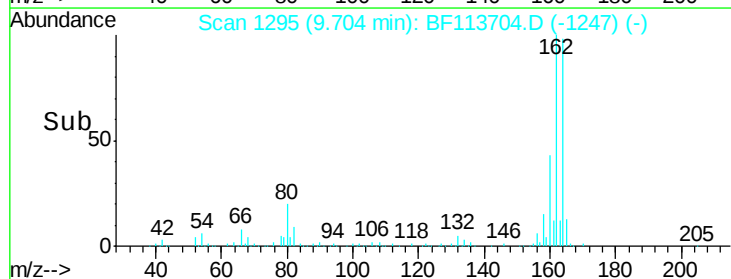
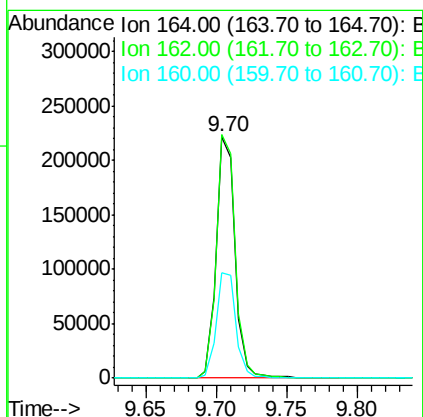
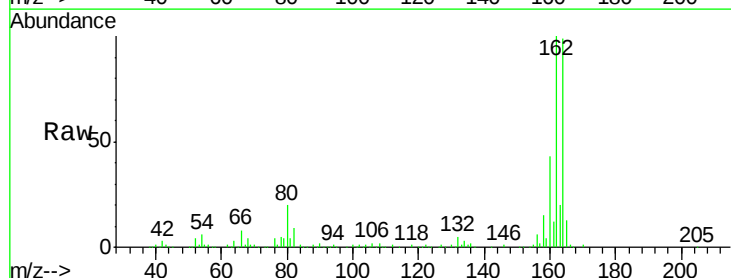
Tgt Ion:164 Resp: 206546

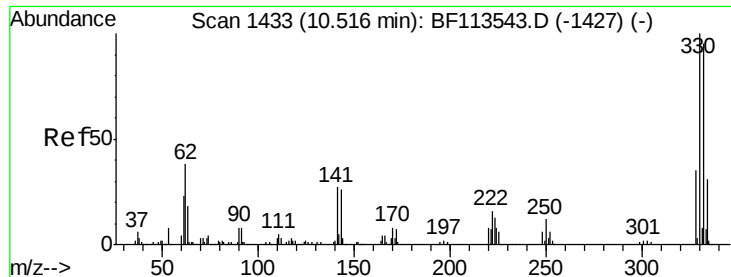
Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

160 43.4 36.4 54.6

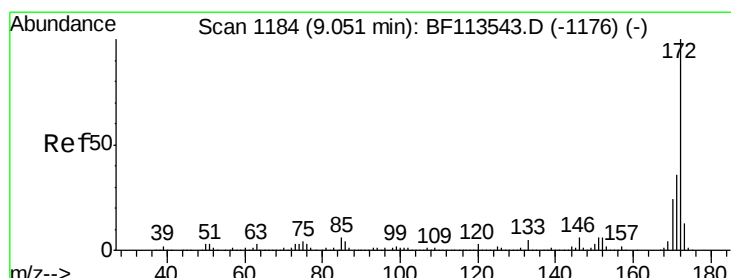
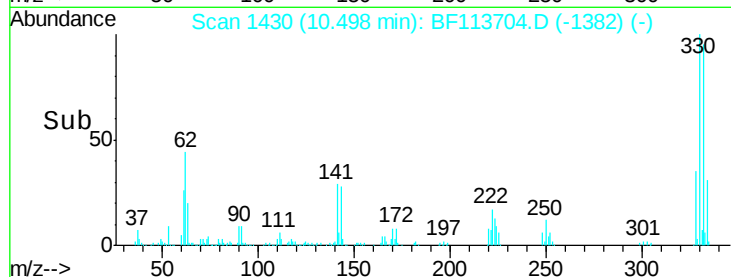
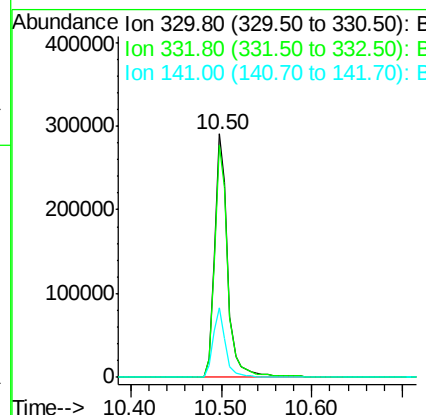
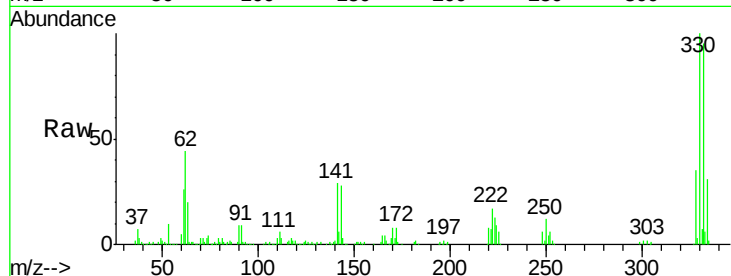




#42
 2,4,6-Tribromophenol
 Concen: 120.002 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113704.D
 Acq: 10 Apr 2019 18:56

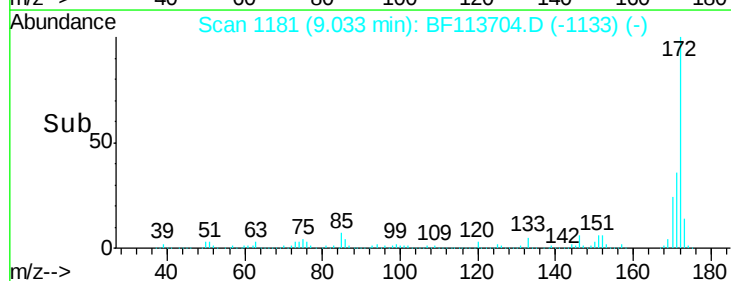
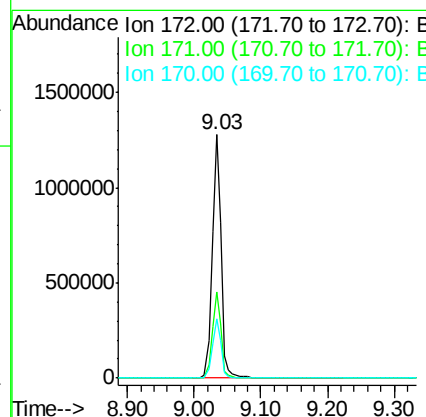
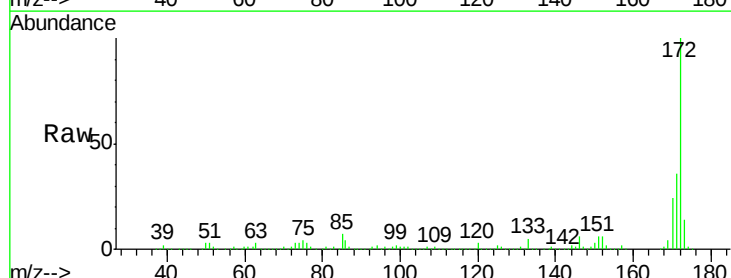
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 297740
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 27.7 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 91.924 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113704.D
 Acq: 10 Apr 2019 18:56

Tgt Ion:172 Resp: 1179372
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.5 19.5 29.3

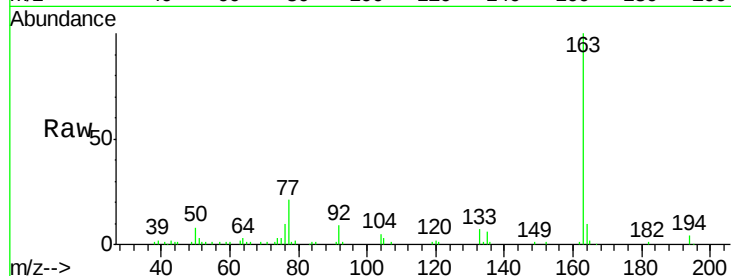




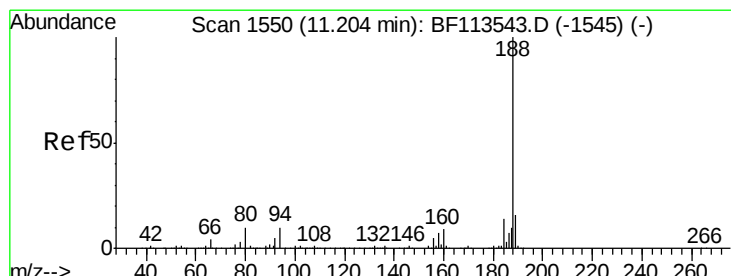
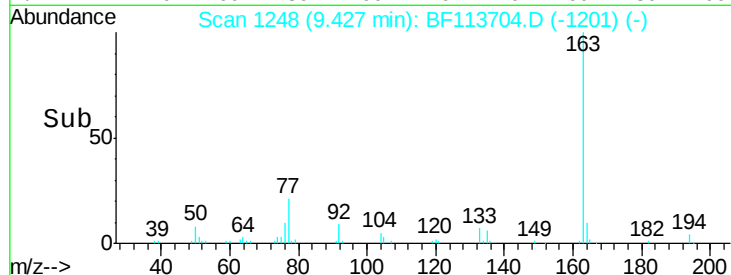
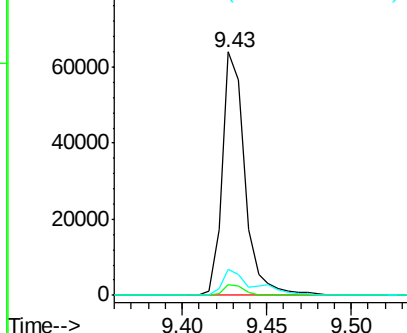
#50
Dimethylphthalate
Concen: 3.941 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113704.D
Acq: 10 Apr 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 59996
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.5 8.1 12.1

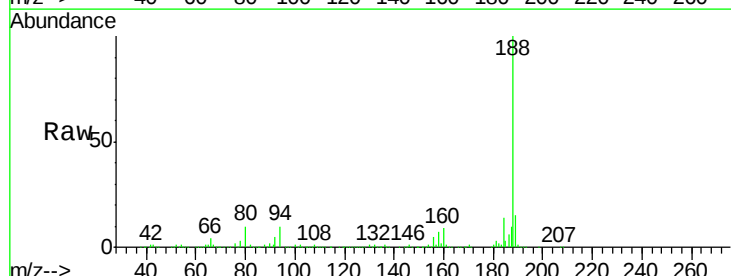


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

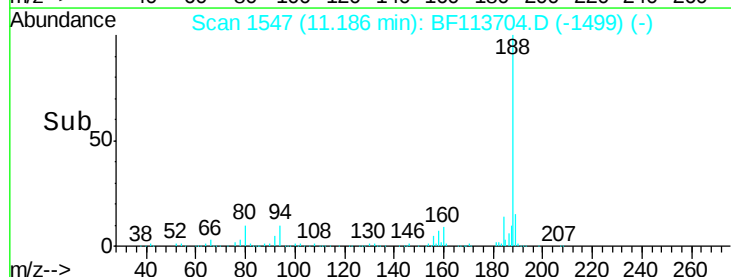
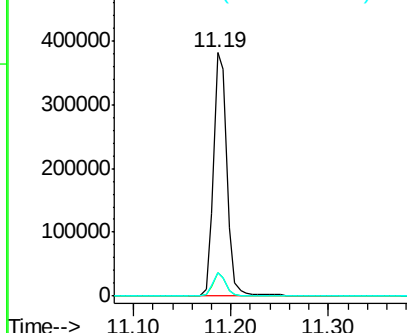


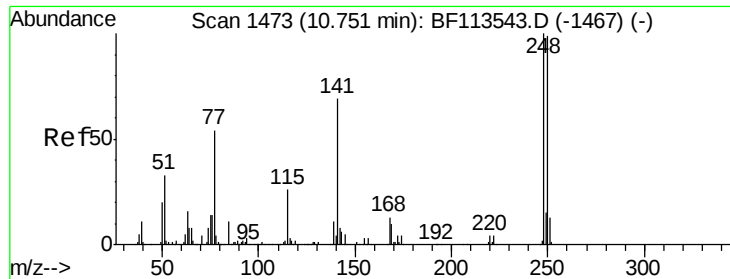
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113704.D
Acq: 10 Apr 2019 18:56

Tgt Ion:188 Resp: 366216
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 9.9 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

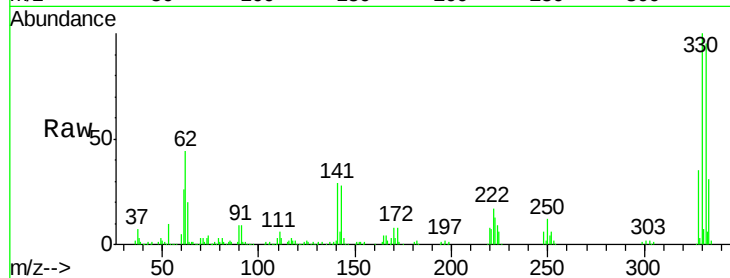




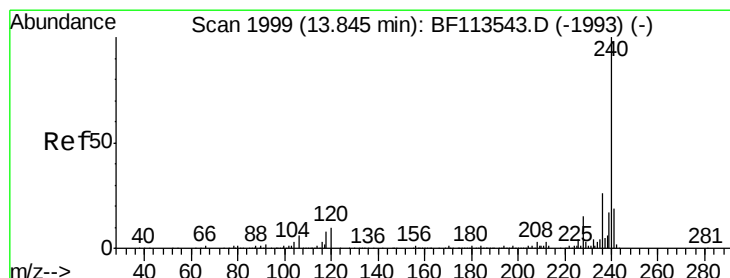
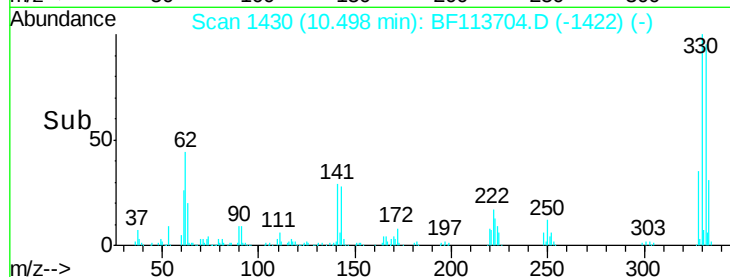
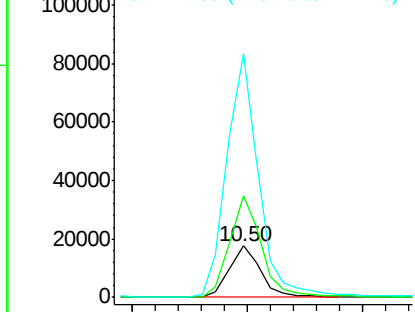
#67
4-Bromophenyl-phenylether
Concen: 4.067 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113704.D
Acq: 10 Apr 2019 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16704
Ion Ratio Lower Upper
248 100
250 197.6 78.3 117.5#
141 476.4 56.2 84.4#

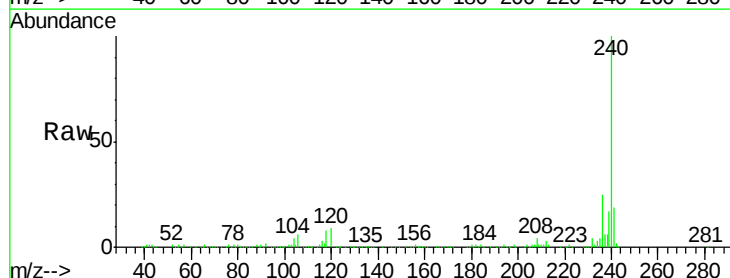


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

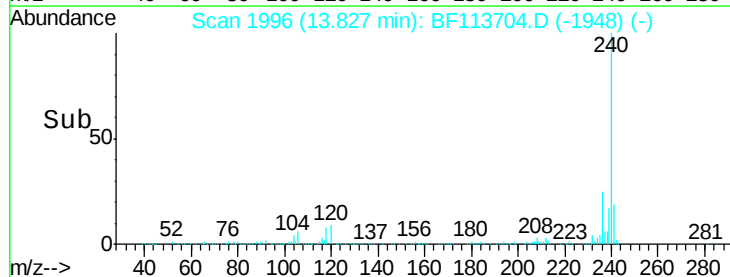
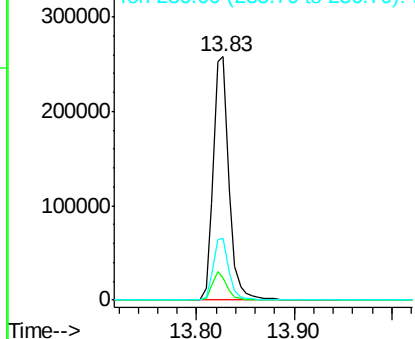


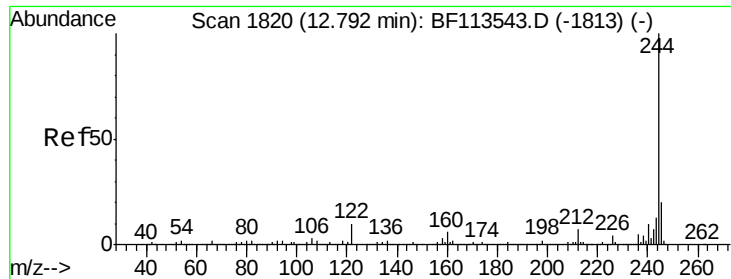
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113704.D
Acq: 10 Apr 2019 18:56

Tgt Ion:240 Resp: 288953
Ion Ratio Lower Upper
240 100
120 9.4 8.8 13.2
236 25.3 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: 73.102 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113704.D

Acq: 10 Apr 2019 18:56

Instrument :

BNA_F

ClientSampled :

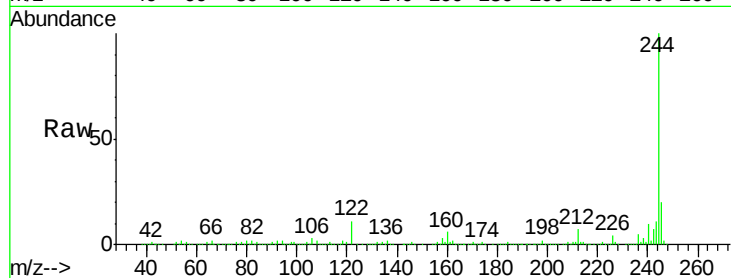
Tot Ion:244 Resp: 1037472

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

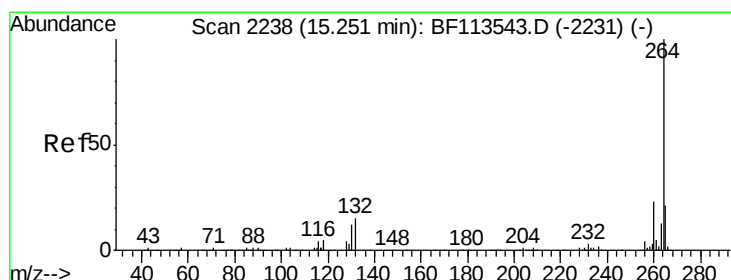
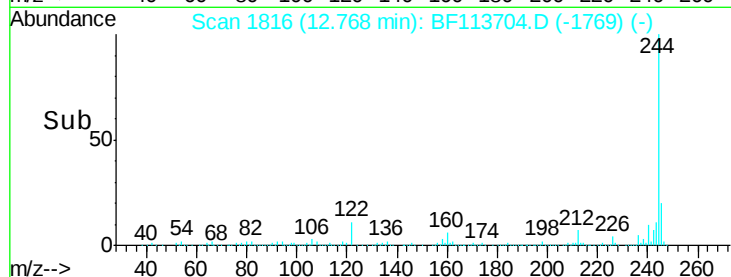
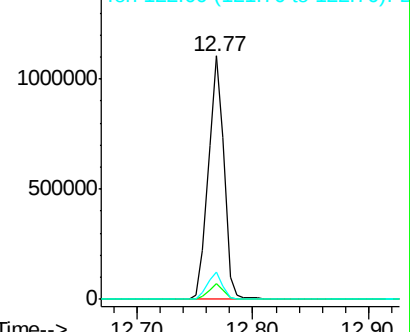
122 11.1 8.6 13.0



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: BF113704.D

Acq: 10 Apr 2019 18:56

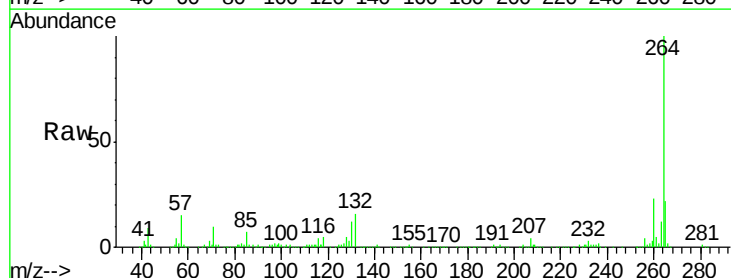
Tgt Ion:264 Resp: 284233

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.7 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

