

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040219\
 Data File : BF113502.D
 Acq On : 2 Apr 2019 13:34
 Operator : JU/SJ
 Sample : K2040-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)

Quant Time: Apr 03 02:20:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

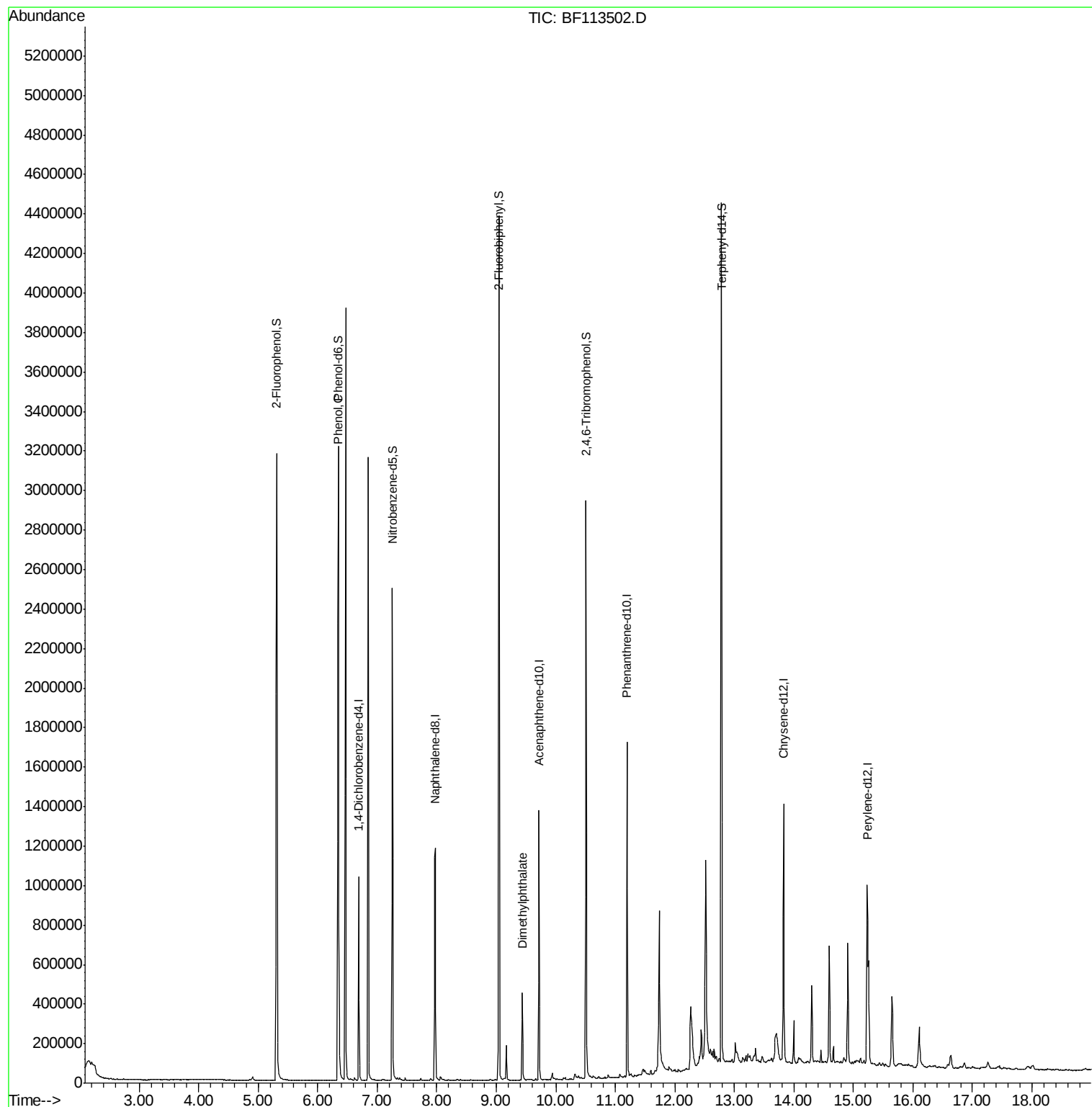
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	155904	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	578466	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	286466	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	592463	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	474575	20.00	ng	-0.02
87) Perylene-d12	15.23	264	395057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1046171	109.72	ng	0.00
7) Phenol-d6	6.35	99	1378804	114.31	ng	-0.01
23) Nitrobenzene-d5	7.26	82	832941	85.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	405082	114.48	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1554597	85.07	ng	-0.02
79) Terphenyl-d14	12.79	244	1737148	80.68	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	102551	7.447	ng	Qvalue # 70
50) Dimethylphthalate	9.44	163	175898	8.286	ng	99

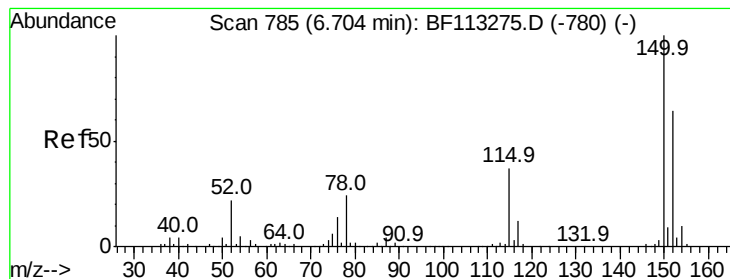
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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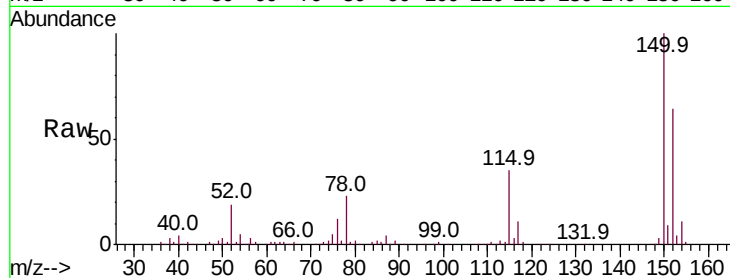


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.7	187.1
115	54.1	46.0	69.0

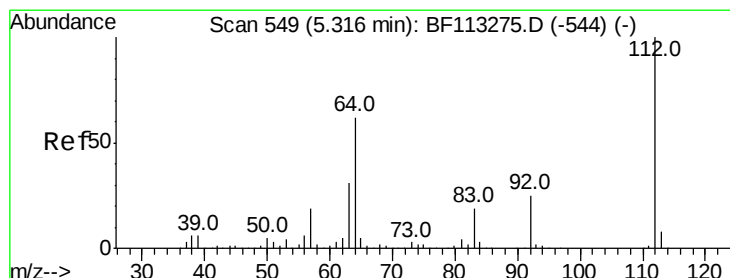
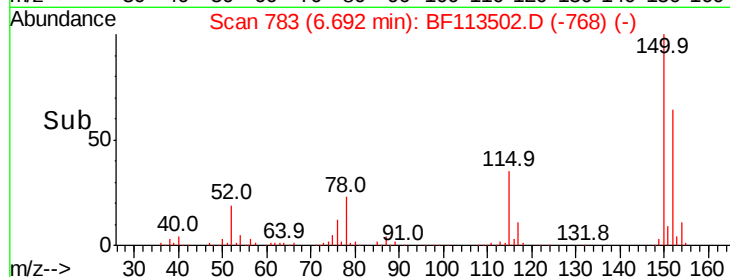
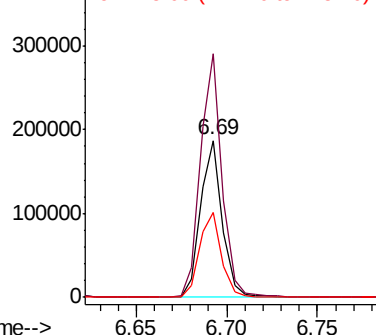


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

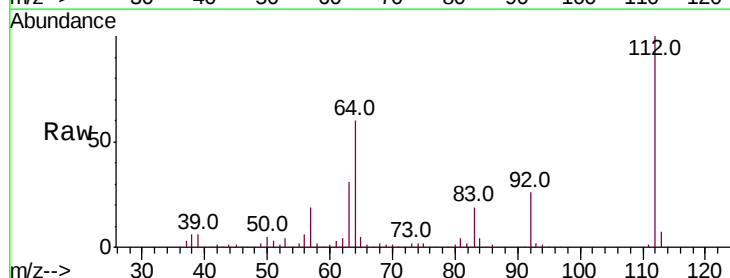
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 109.722 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.2	73.8
63	31.0	24.9	37.3

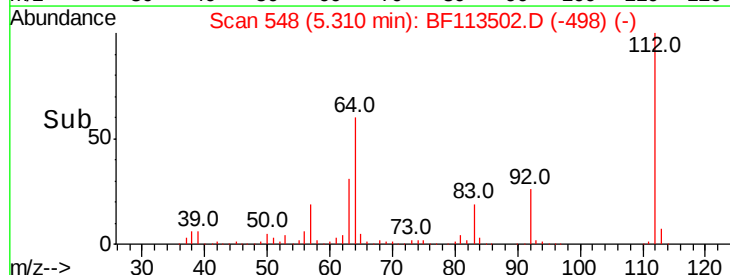
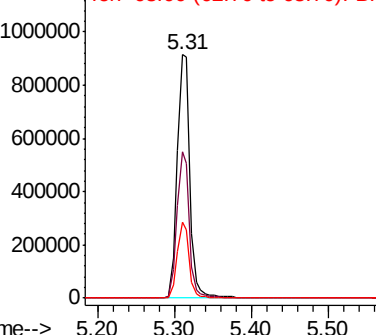


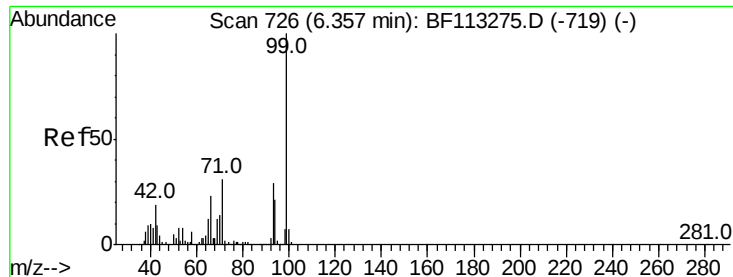
Abundance

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: 114.310 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)

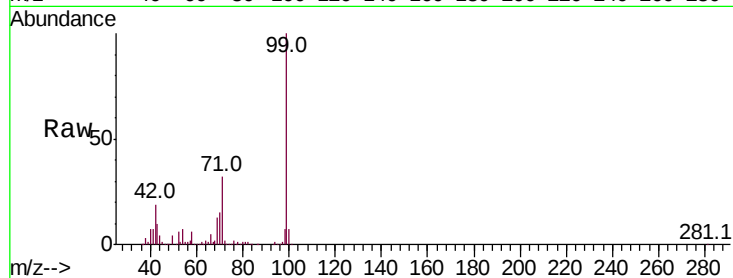
Tot Ion: 99 Resp: 1378804

Ion Ratio Lower Upper

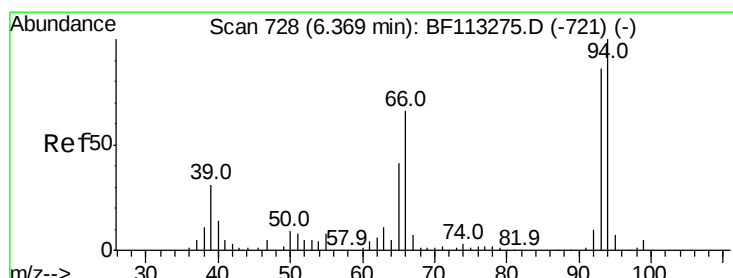
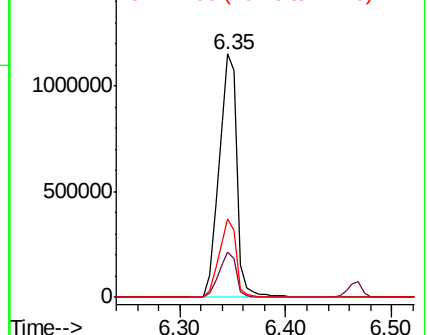
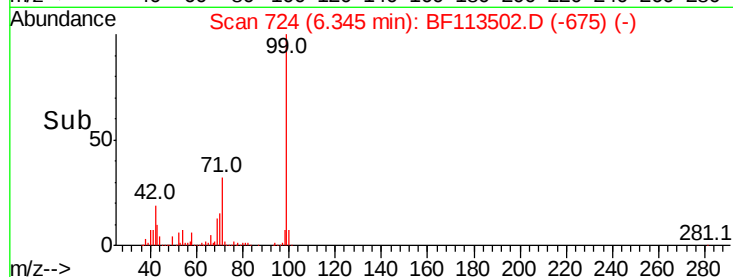
99 100

42 18.6 14.8 22.2

71 32.3 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



#10

Phenol

Concen: 7.447 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

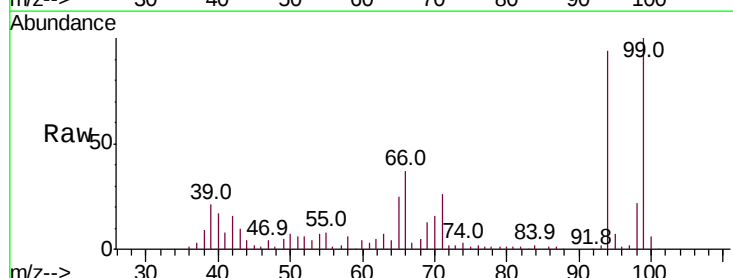
Tgt Ion: 94 Resp: 102551

Ion Ratio Lower Upper

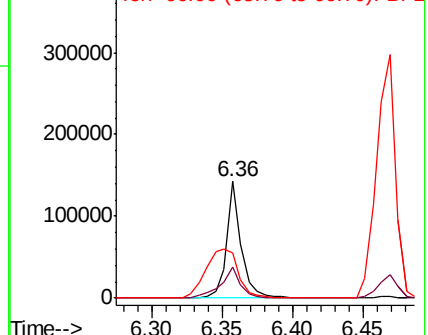
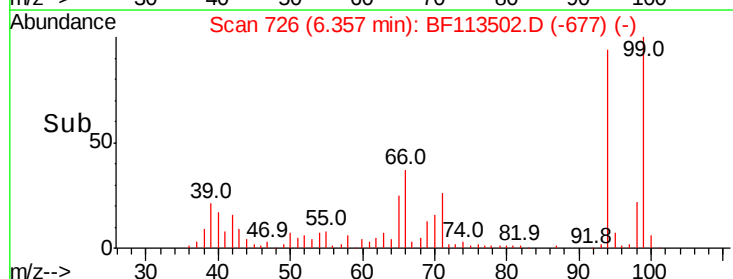
94 100

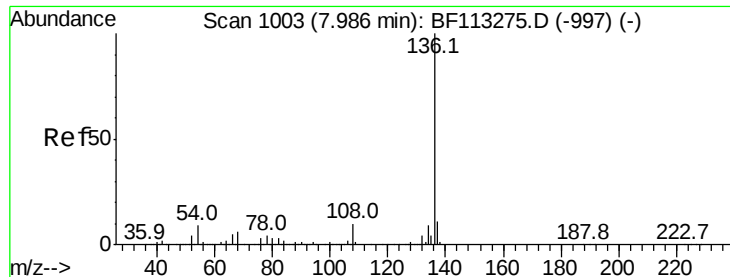
65 26.8 21.4 61.4

66 38.7 46.4 86.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)

Tot Ion:136 Resp: 578466

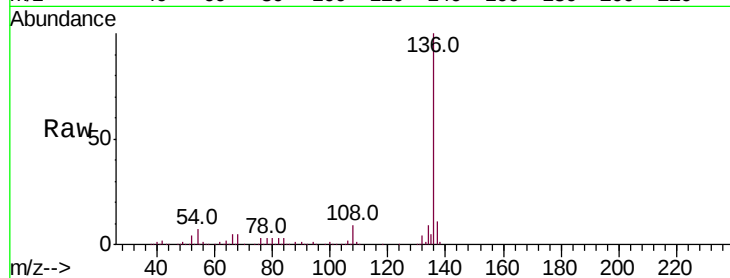
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 7.0 10.6

68 5.4 4.8 7.2

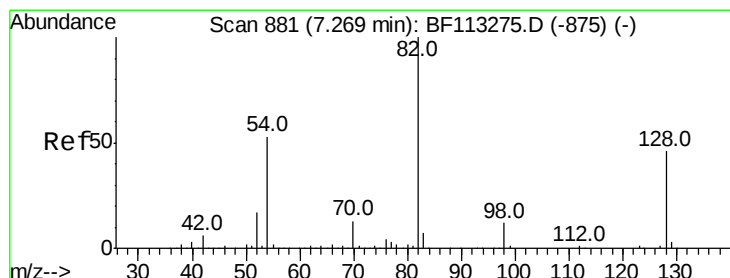
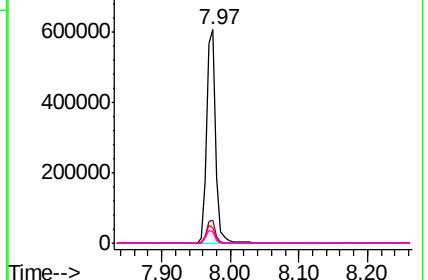
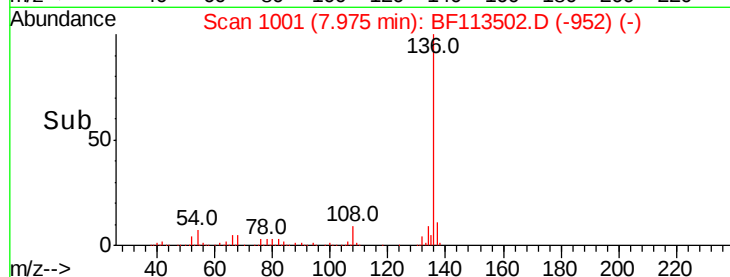


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.465 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113502.D

Acq: 2 Apr 2019 13:34

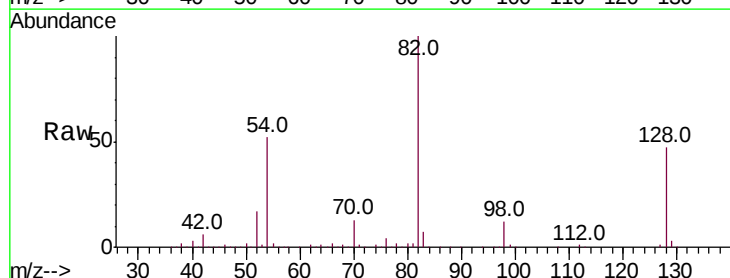
Tgt Ion: 82 Resp: 832941

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

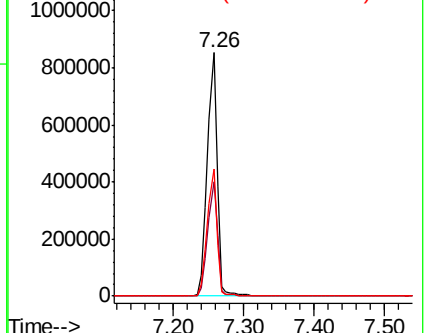
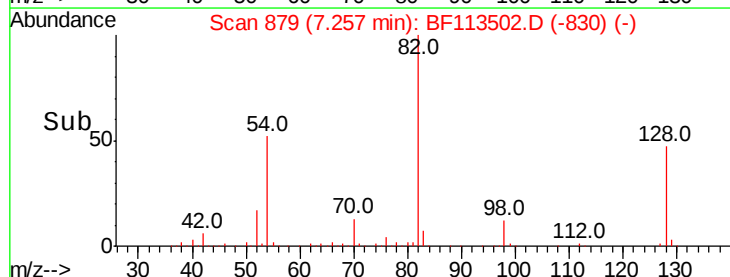
54 52.4 42.2 63.2

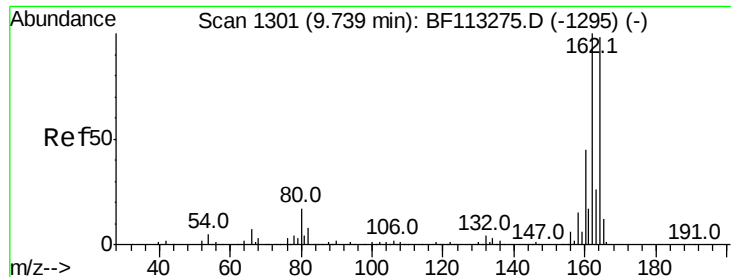


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

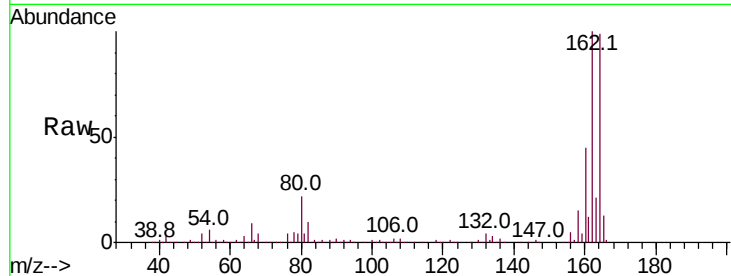




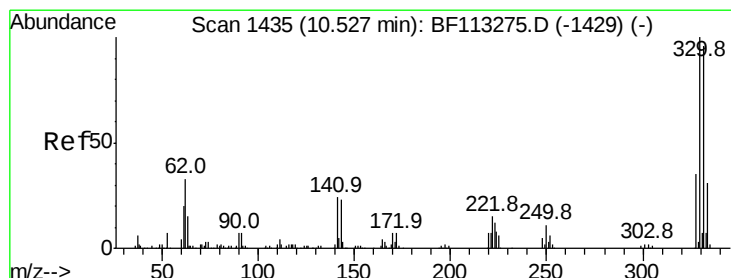
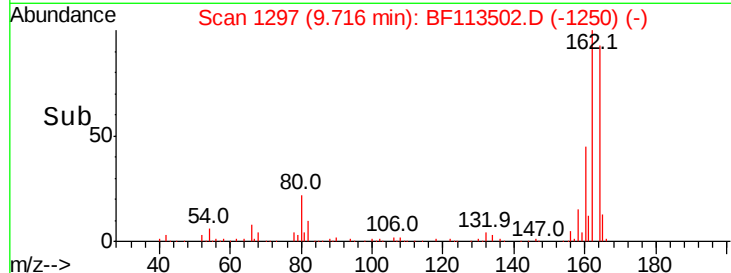
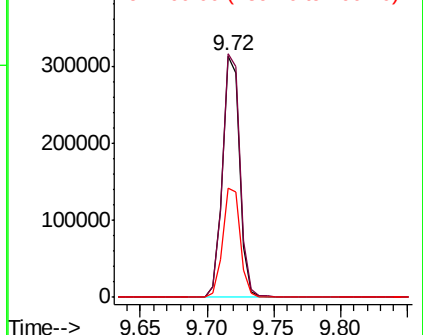
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.0	36.4	54.6

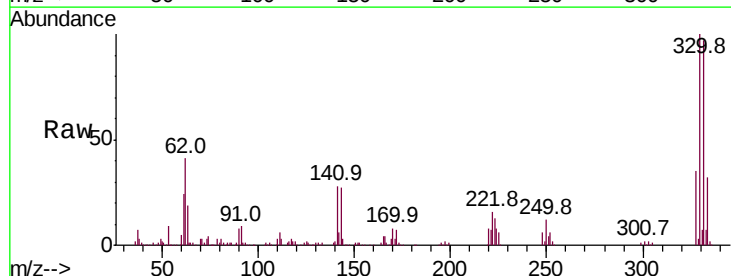


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

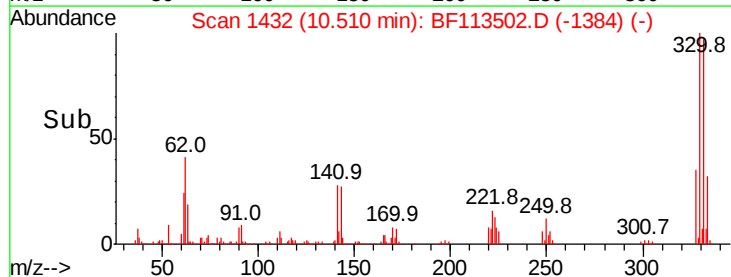
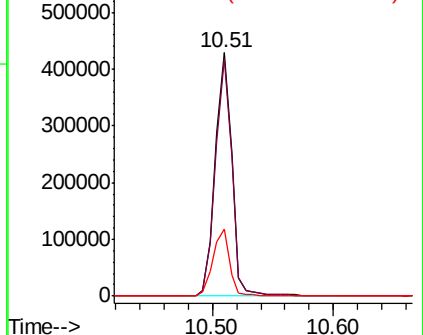


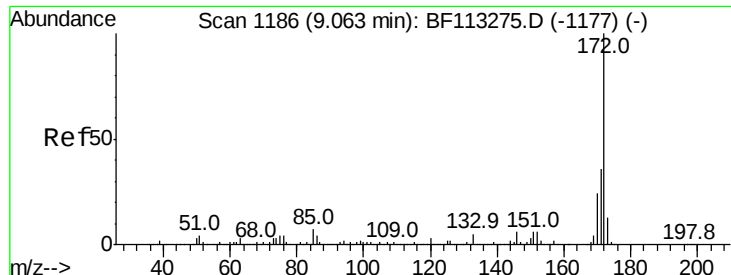
#42
2,4,6-Tribromophenol
Concen: 114.478 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	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

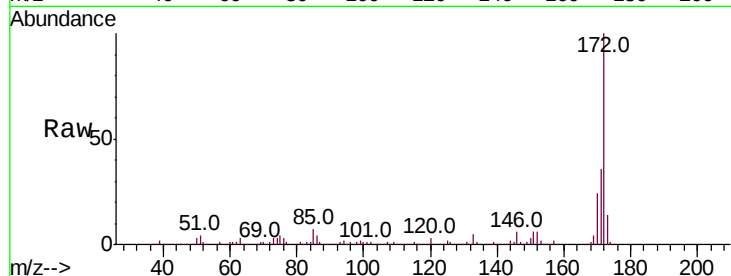




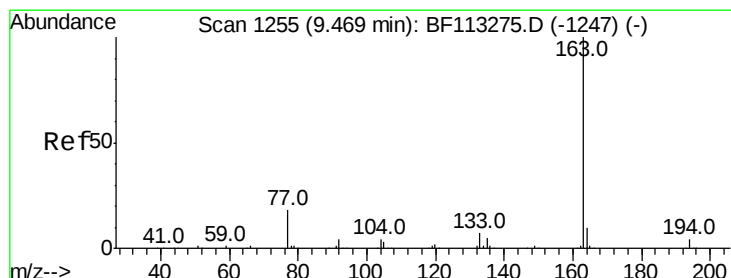
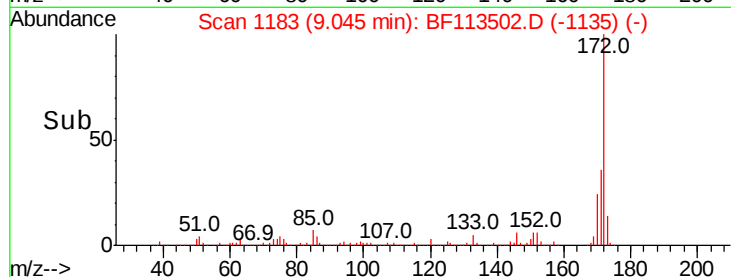
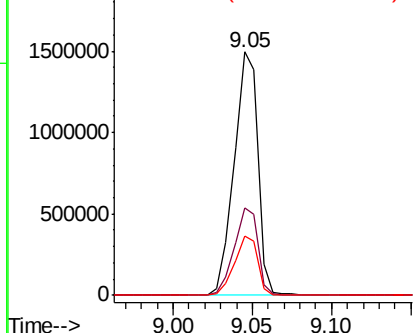
#45
2-Fluorobiphenyl
Concen: 85.073 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)

Tot Ion:172 Resp: 1554597
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.3 19.5 29.3

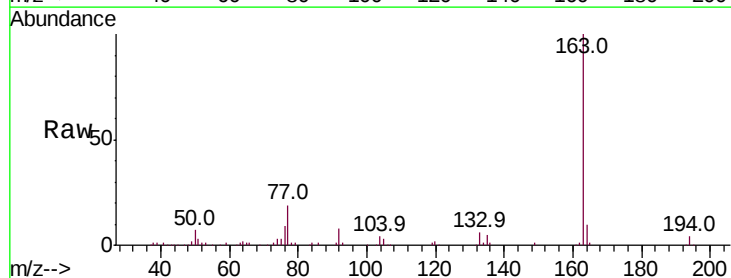


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

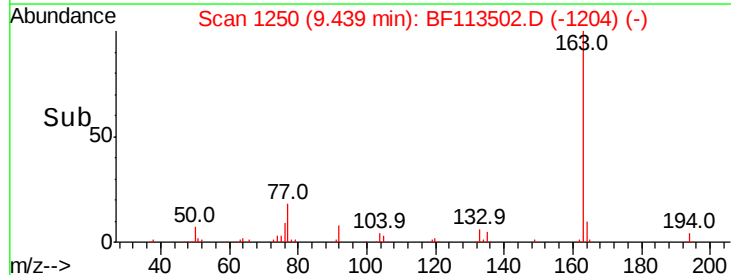
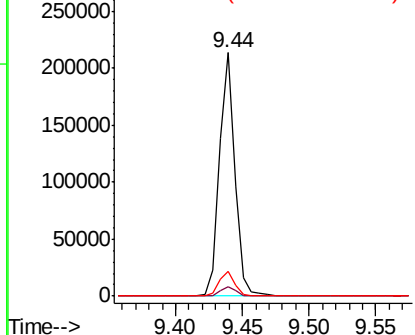


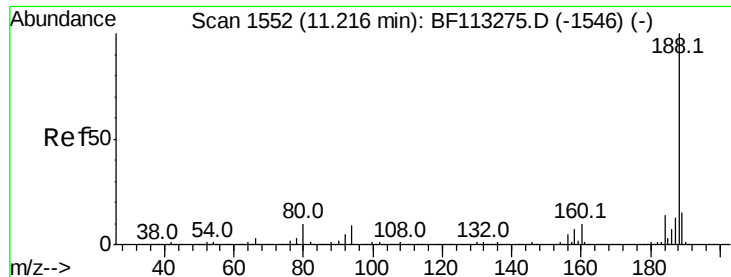
#50
Dimethylphthalate
Concen: 8.286 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Tgt Ion:163 Resp: 175898
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
250000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

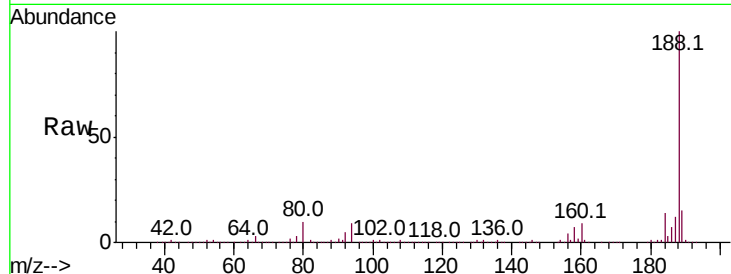




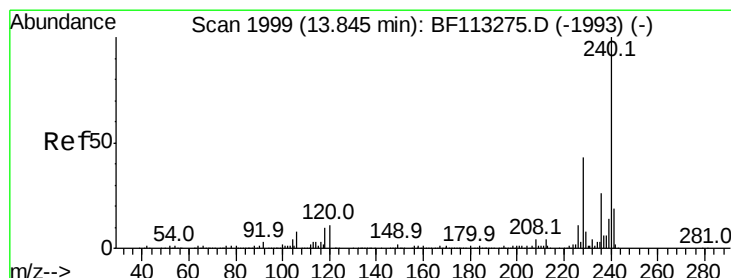
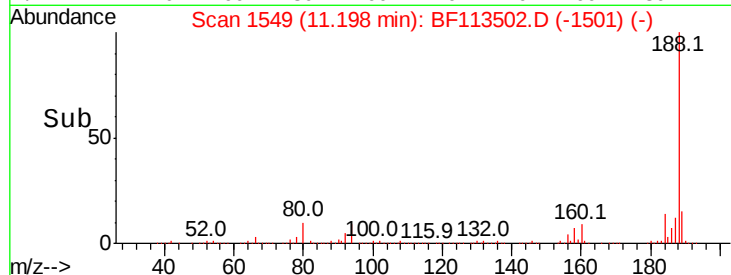
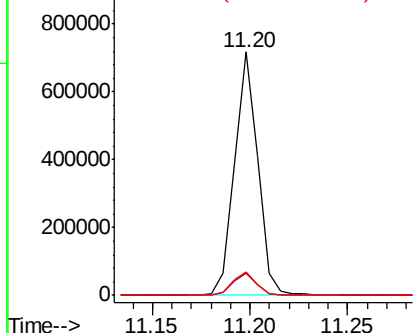
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)

Tot Ion:188 Resp: 592463
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.7 11.5

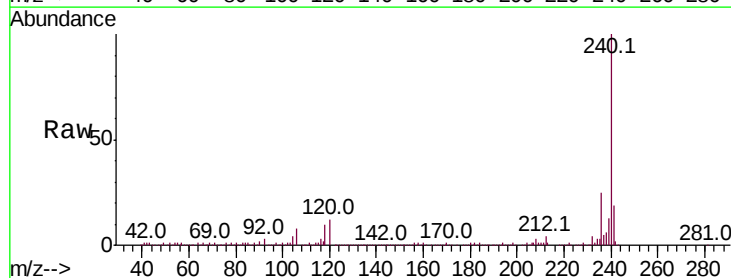


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

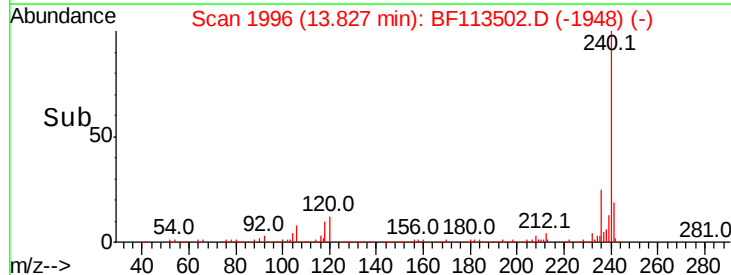
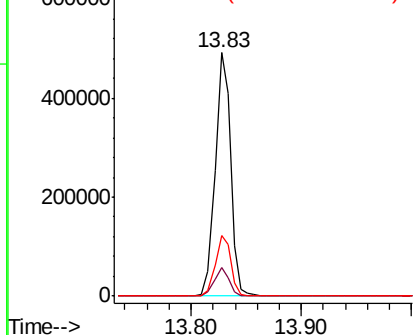


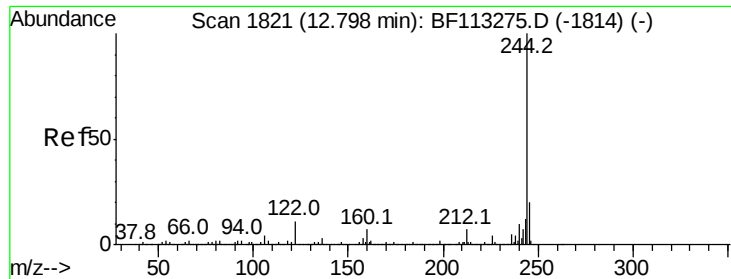
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113502.D
Acq: 2 Apr 2019 13:34

Tgt Ion:240 Resp: 474575
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 25.0 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



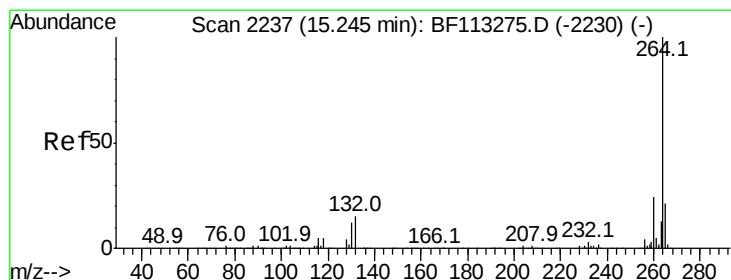
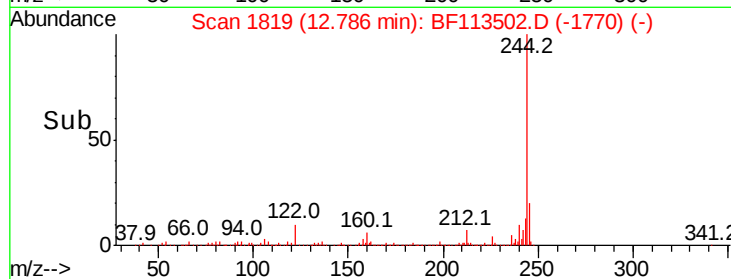
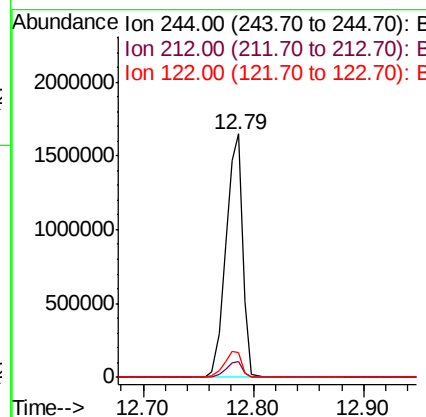
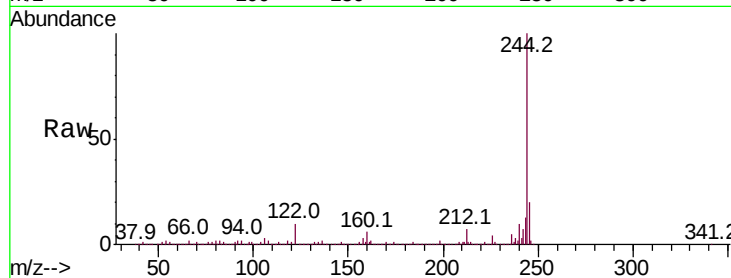


#79
 Terphenyl-d14
 Concen: 80.682 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)

Tot Ion:244 Resp: 1737148

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.3	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF113502.D
 Acq: 2 Apr 2019 13:34

Tgt Ion:264 Resp: 395057

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.6	17.1	25.7

