

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112877.D
 Acq On : 6 Mar 2019 2:56
 Operator : JU/SJ
 Sample : K1705-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B097-022719

Quant Time: Mar 06 04:42:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

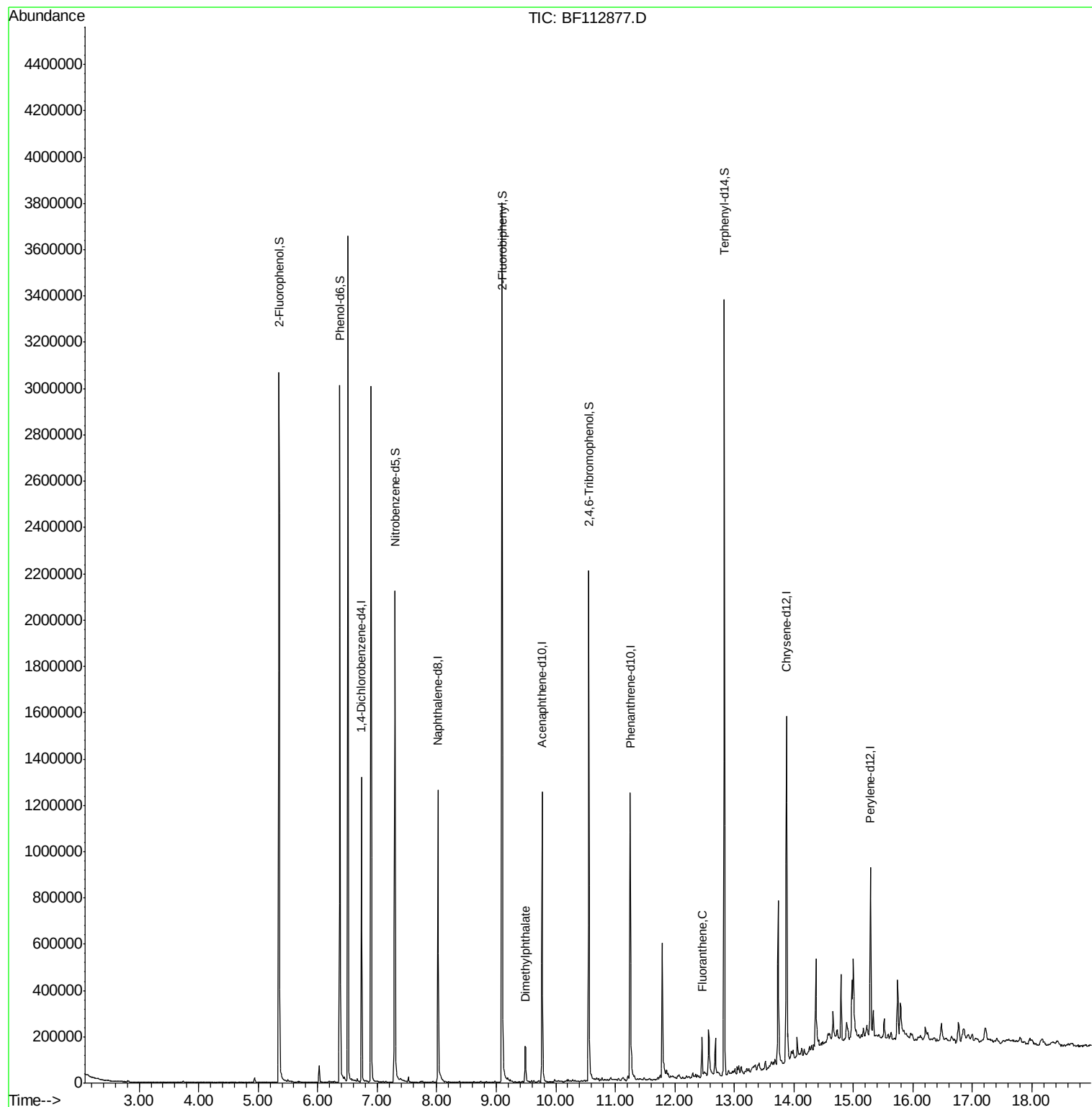
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	179564	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	633609	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	269722	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	509396	20.00	ng	0.00
76) Chrysene-d12	13.87	240	496666	20.00	ng	0.00
87) Perylene-d12	15.29	264	336592	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	905620	78.45	ng	0.00
7) Phenol-d6	6.37	99	1168717	80.60	ng	0.00
23) Nitrobenzene-d5	7.30	82	700236	66.13	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	301041	105.13	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1225130	72.36	ng	0.00
79) Terphenyl-d14	12.83	244	1220178	47.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	73040	3.673	ng	99
75) Fluoranthene	12.46	202	69576	2.562	ng	95

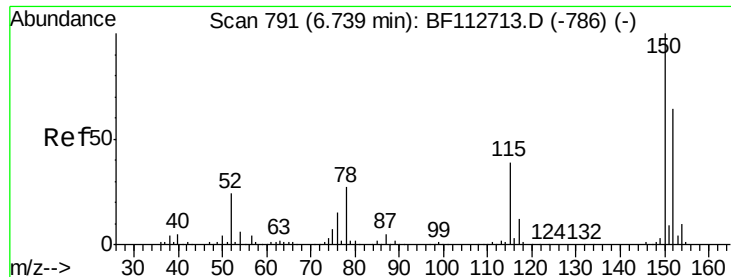
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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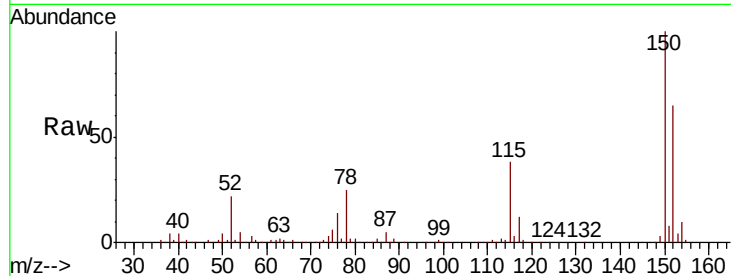


#1

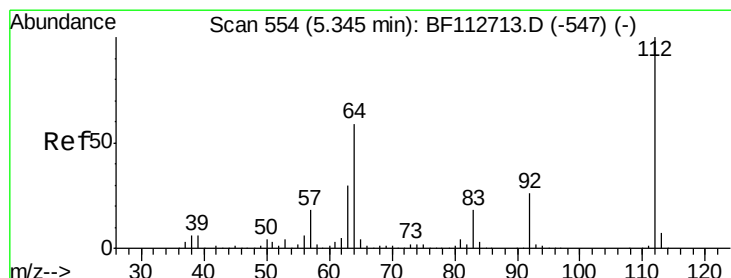
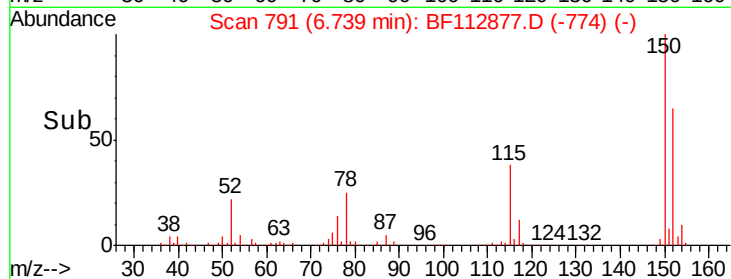
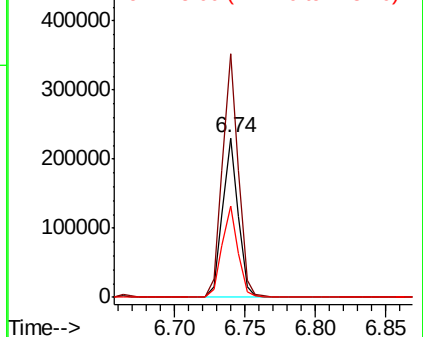
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tot Ion:152 Resp: 179564
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.2
115 57.7 48.2 72.4



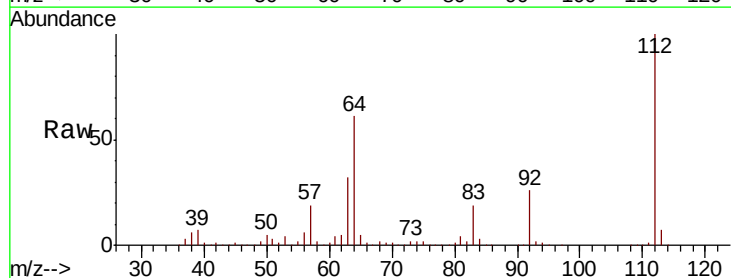
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



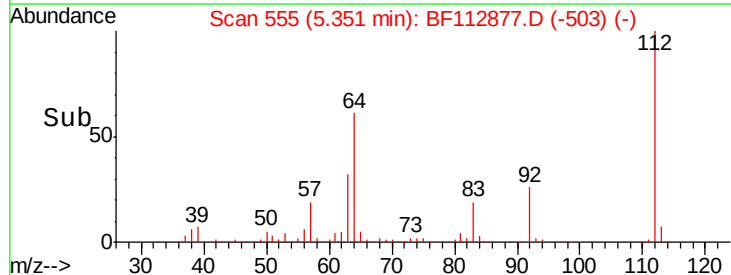
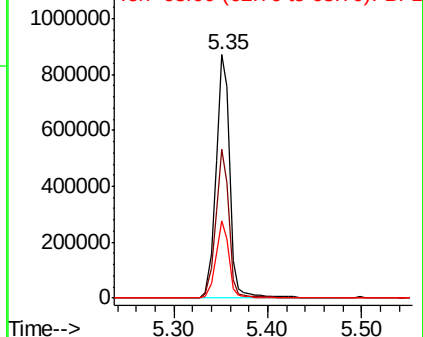
#5

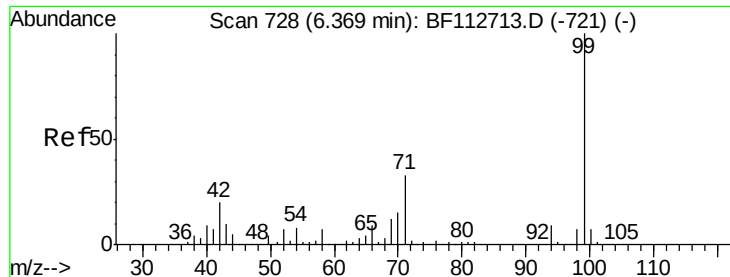
2-Fluorophenol
Concen: 78.453 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Tgt Ion:112 Resp: 905620
Ion Ratio Lower Upper
112 100
64 61.2 47.6 71.4
63 32.0 24.4 36.6



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: 80.598 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

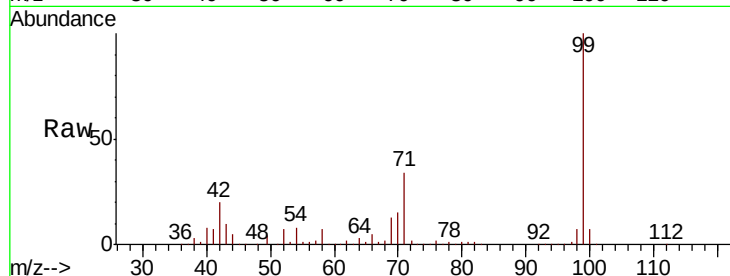
Tot Ion: 99 Resp: 1168717

Ion Ratio Lower Upper

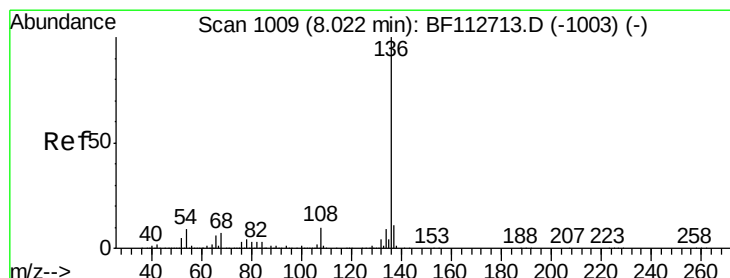
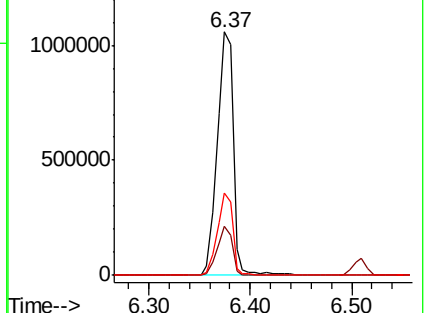
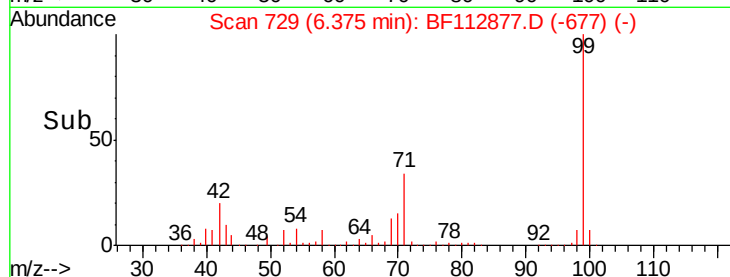
99 100

42 20.1 16.3 24.5

71 33.9 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Tgt Ion: 136 Resp: 633609

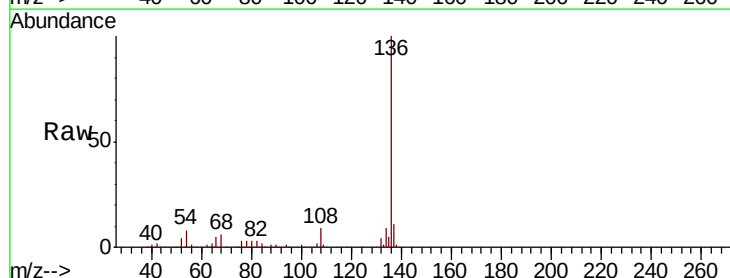
Ion Ratio Lower Upper

136 100

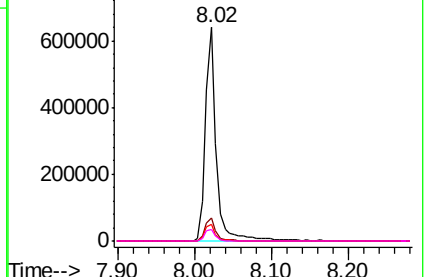
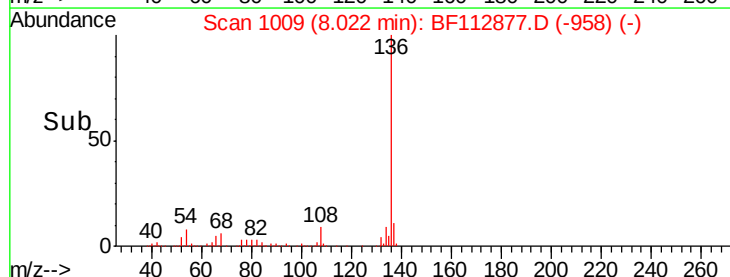
137 11.0 8.9 13.3

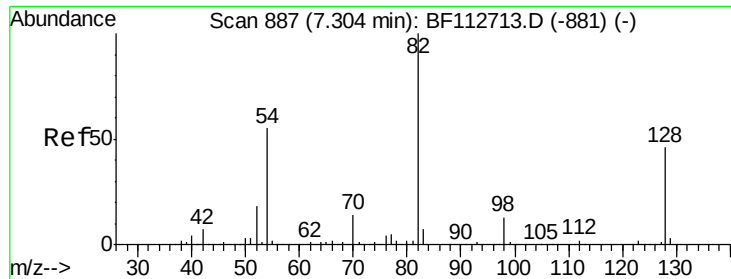
54 7.7 7.3 10.9

68 5.5 5.4 8.2



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

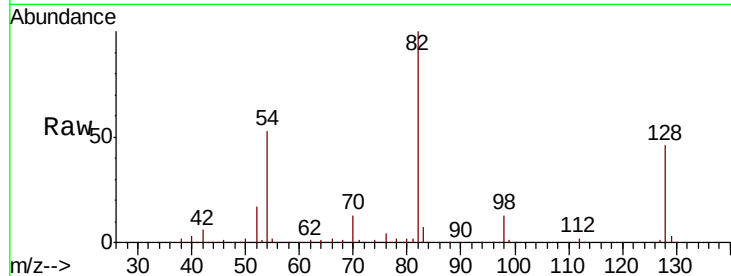




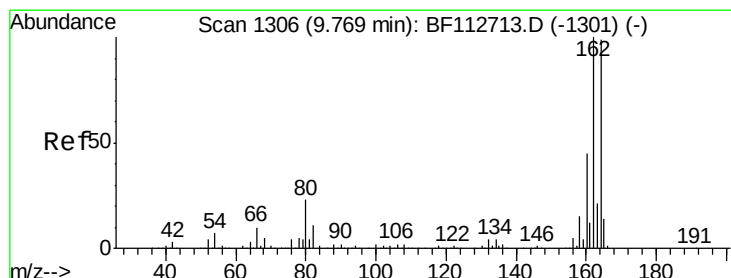
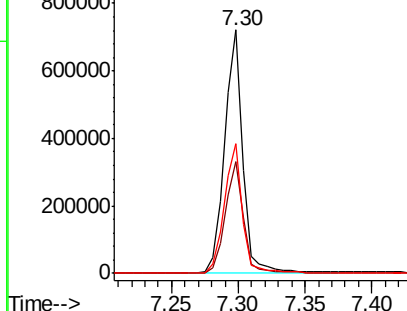
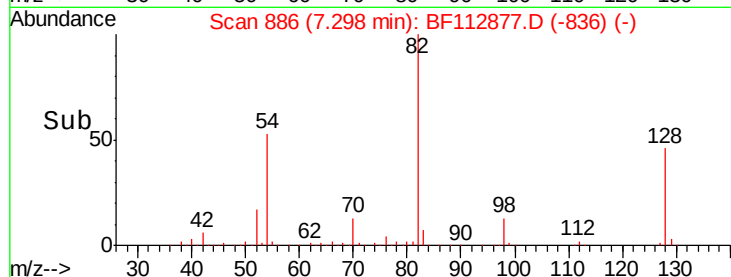
#23
Nitrobenzene-d5
Concen: 66.130 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tot Ion: 82 Resp: 700236
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 53.3 43.7 65.5

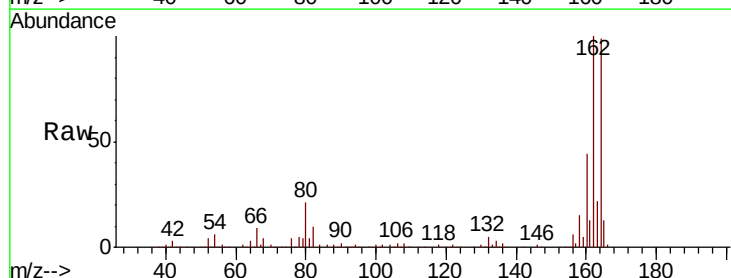


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

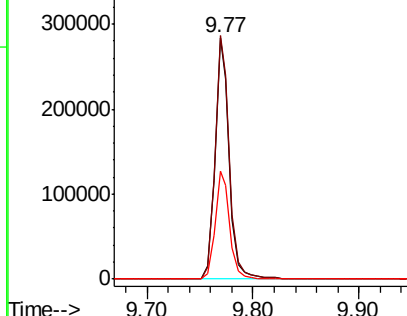
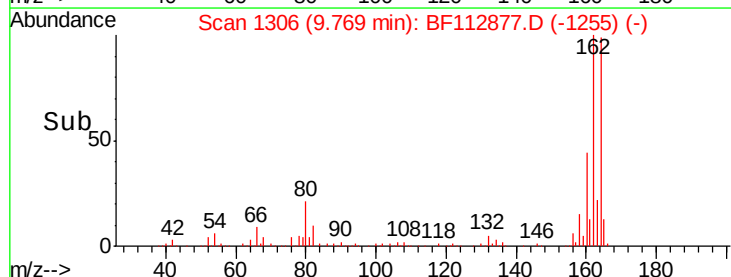


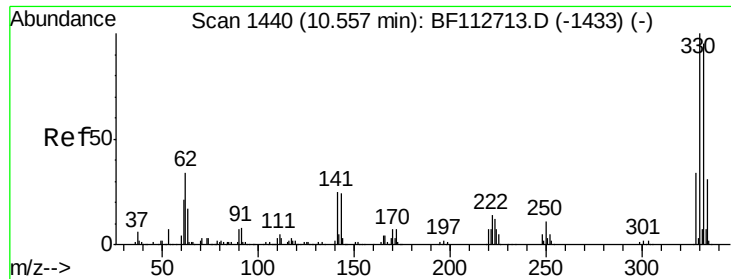
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112877.D
Acq: 6 Mar 2019 2:56

Tgt Ion:164 Resp: 269722
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.8 36.0 54.0



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

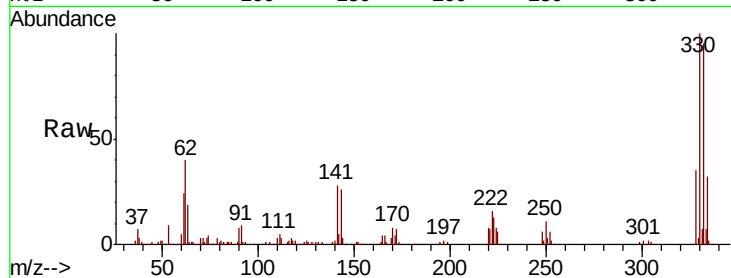




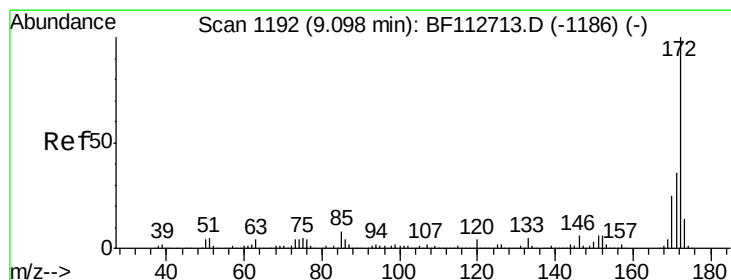
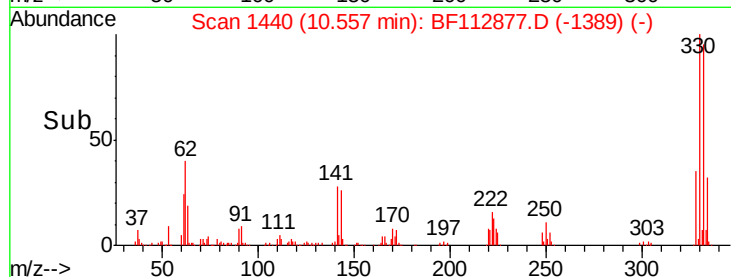
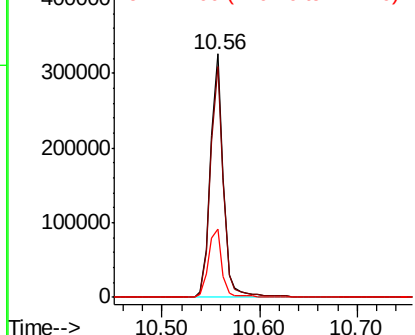
#42
 2,4,6-Tribromophenol
 Concen: 105.133 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112877.D
 Acq: 6 Mar 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B097-022719

Tot Ion:330 Resp: 301041
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 29.5 27.0 40.6

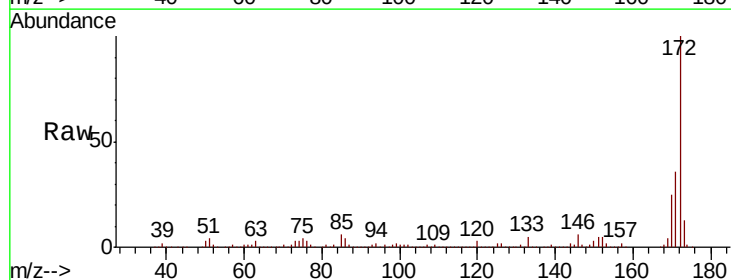


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

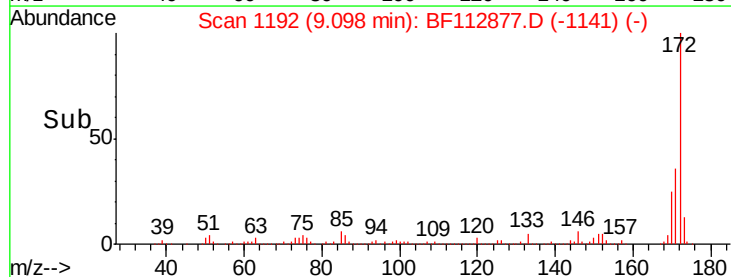
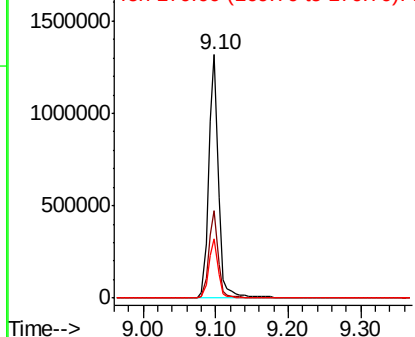


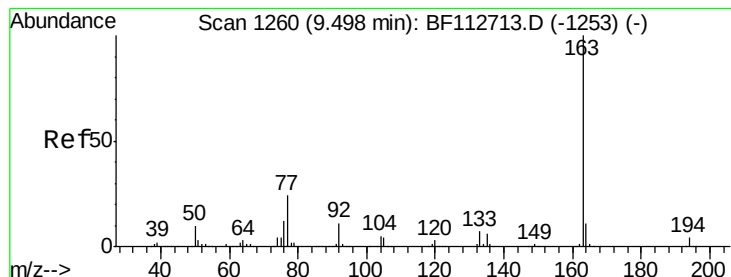
#45
 2-Fluorobiphenyl
 Concen: 72.362 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112877.D
 Acq: 6 Mar 2019 2:56

Tgt Ion:172 Resp: 1225130
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.5 20.0 30.0



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: 3.673 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

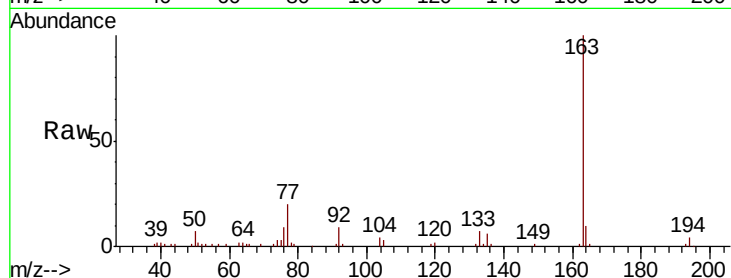
Tot Ion:163 Resp: 73040

Ion Ratio Lower Upper

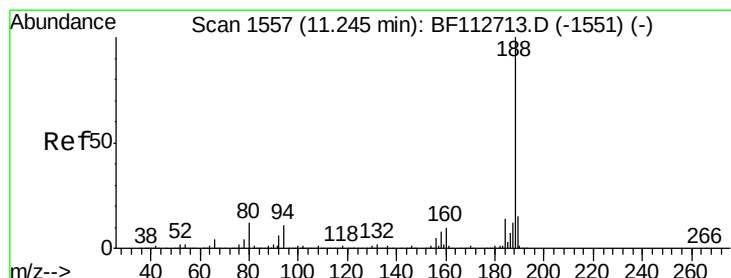
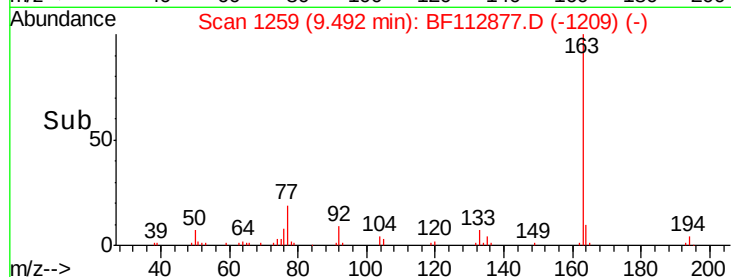
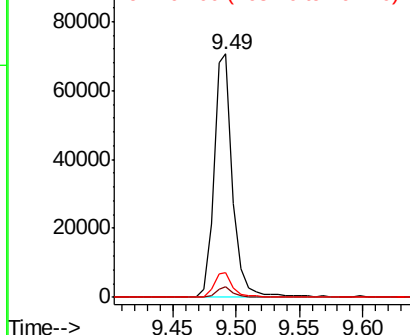
163 100

194 4.4 3.0 4.4

164 10.4 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

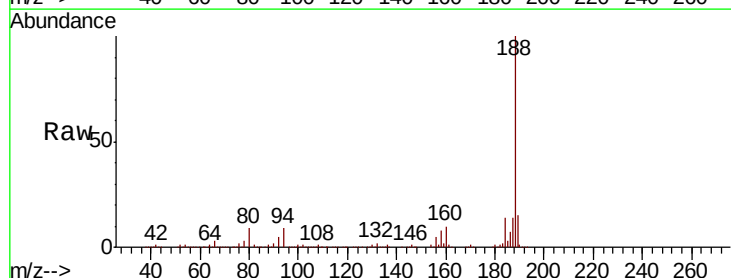
Tgt Ion:188 Resp: 509396

Ion Ratio Lower Upper

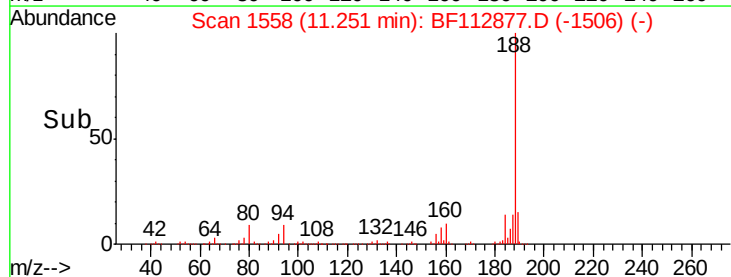
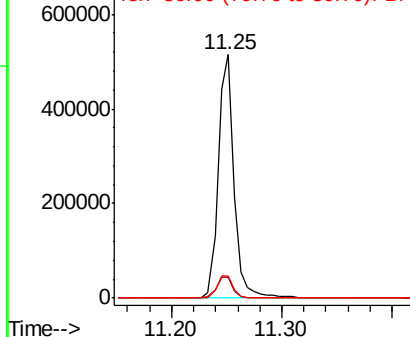
188 100

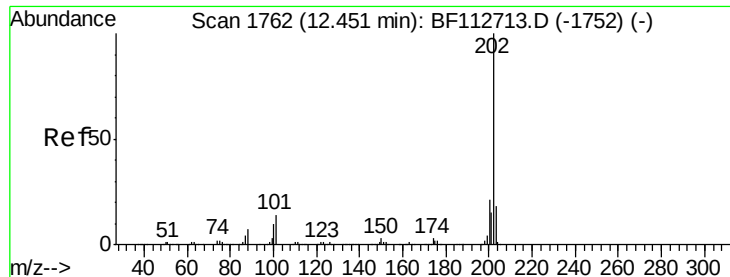
94 8.7 9.0 13.4#

80 9.3 9.2 13.8



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





#75

Fluoranthene

Concen: 2.562 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112877.D

Acq: 6 Mar 2019 2:56

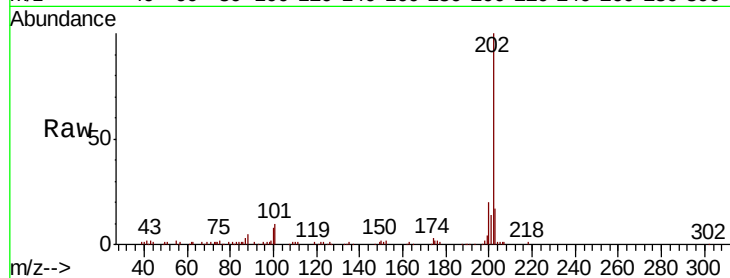
Instrument :

BNA_F

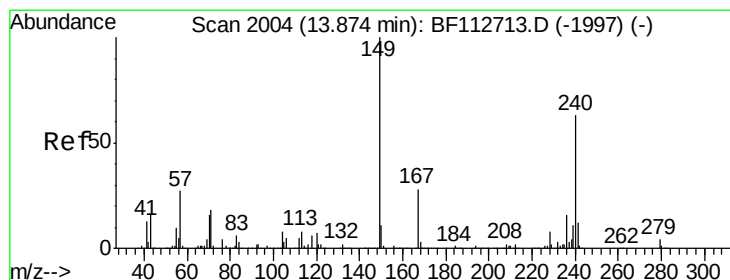
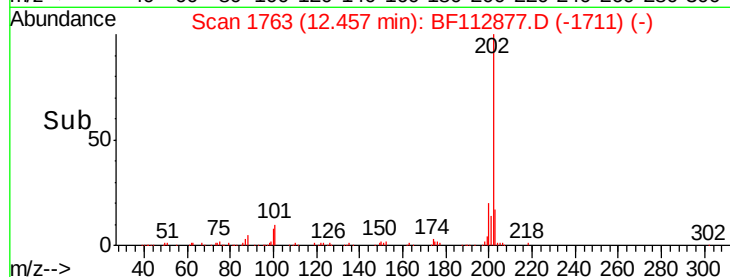
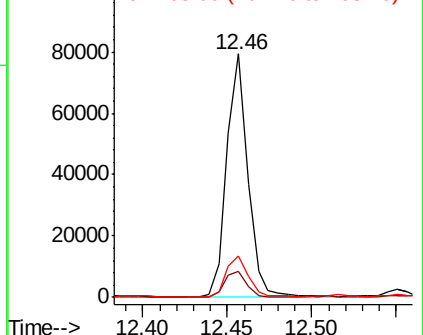
ClientSampleId :

PST-028-B097-022719

Tot Ion:	202	Resp:	69576
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.1	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

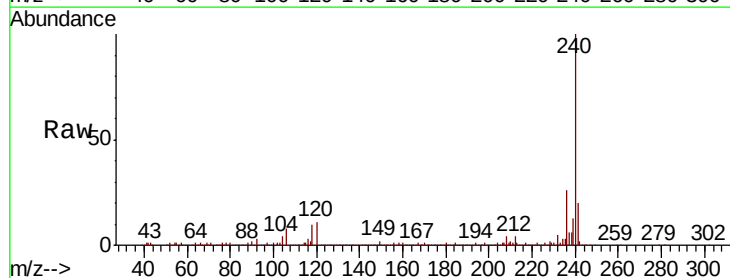
RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

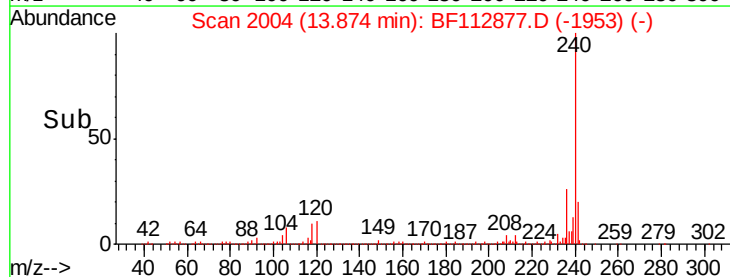
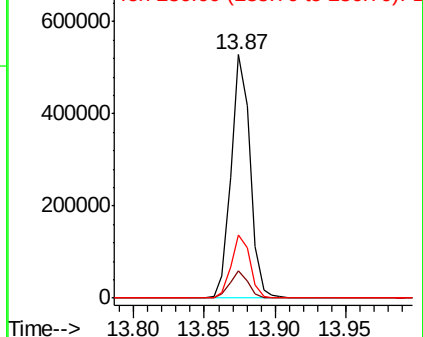
Lab File: BF112877.D

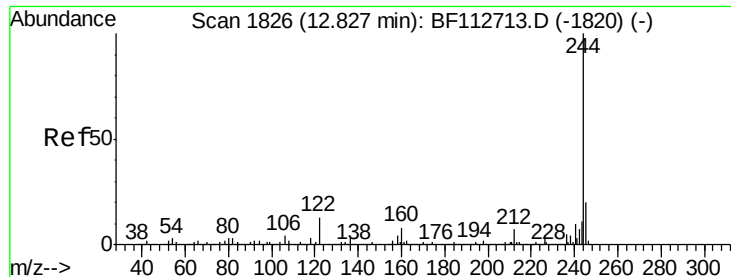
Acq: 6 Mar 2019 2:56

Tgt Ion:	240	Resp:	496666
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.1	20.7	31.1



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

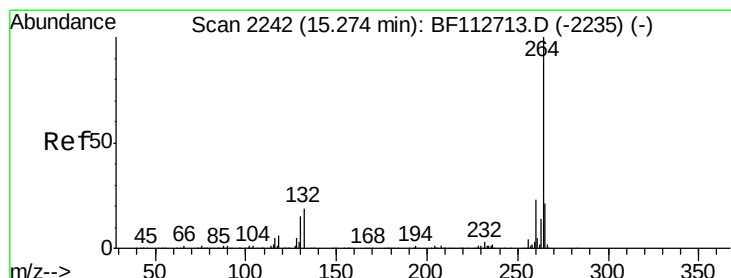
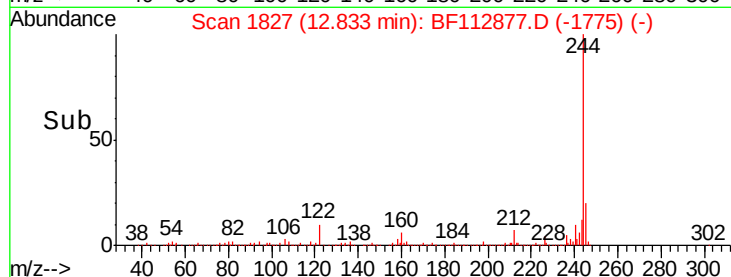
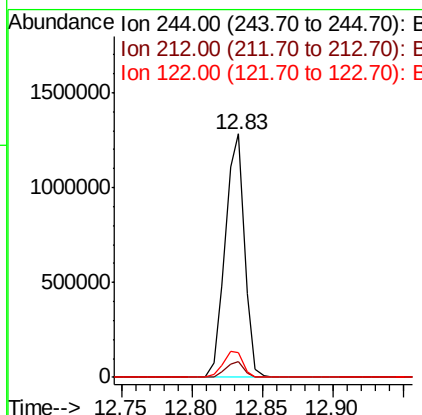
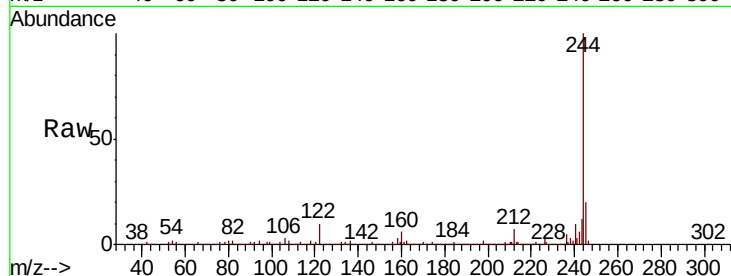




#79
 Terphenyl-d14
 Concen: 47.624 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112877.D
 Acq: 6 Mar 2019 2:56

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B097-022719

Tot Ion:244 Resp: 1220178
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.3 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112877.D
 Acq: 6 Mar 2019 2:56

Tgt Ion:264 Resp: 336592
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.3 17.2 25.8

