

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112868.D
 Acq On : 5 Mar 2019 22:42
 Operator : JU/SJ
 Sample : K1714-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-A-0-2

Quant Time: Mar 06 04:10:26 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

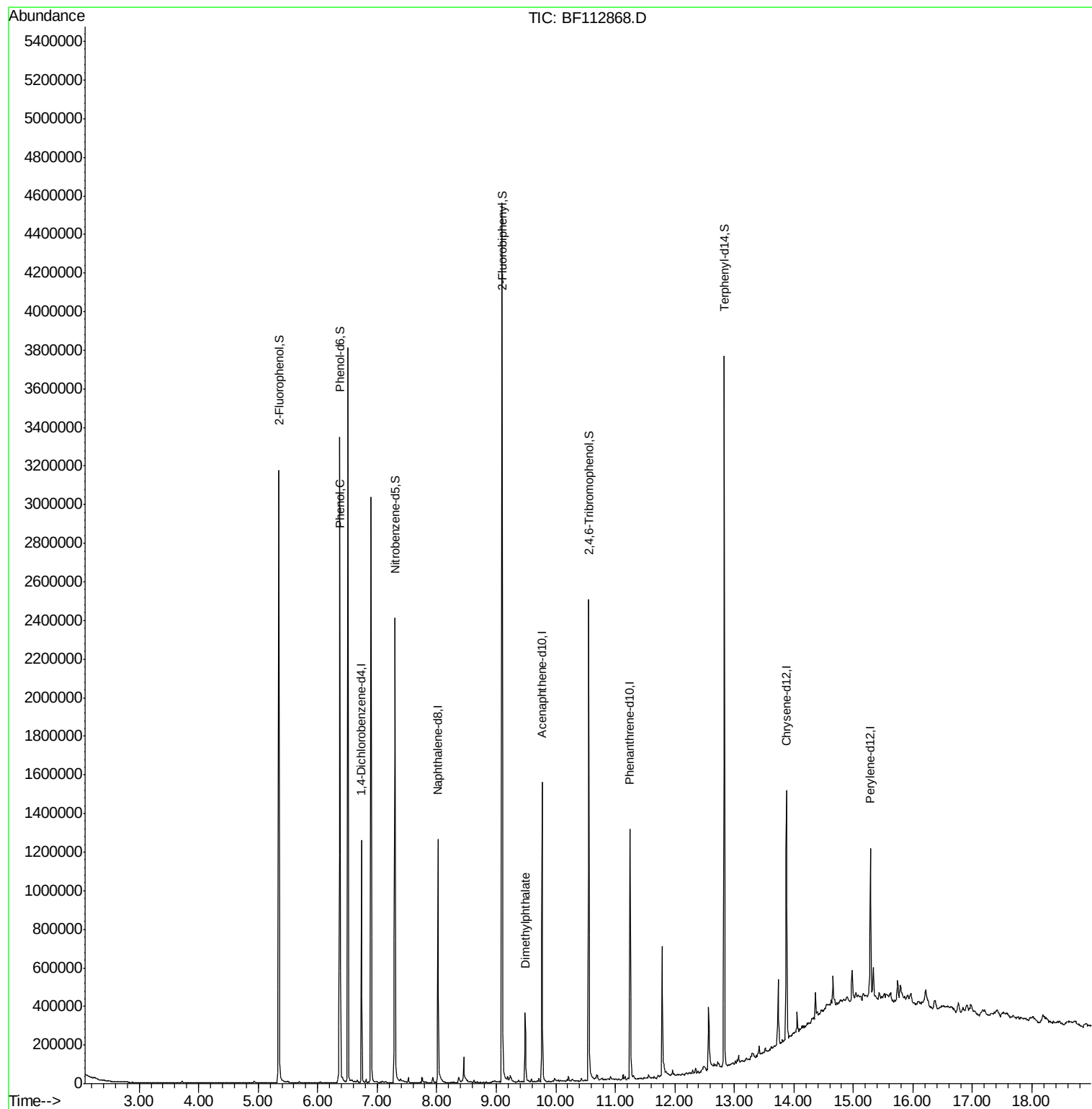
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167122	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	651027	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	302500	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	554973	20.00	ng	0.00
76) Chrysene-d12	13.87	240	456334	20.00	ng	0.00
87) Perylene-d12	15.29	264	353932	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	951671	88.58	ng	0.00
7) Phenol-d6	6.37	99	1276351	94.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	773147	71.06	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	371730	115.75	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1468272	78.91	ng	0.00
79) Terphenyl-d14	12.83	244	1329482	56.48	ng	0.00
Target Compounds						
10) Phenol	6.39	94	78888	5.009	ng	93
50) Dimethylphthalate	9.49	163	146020	6.547	ng	99

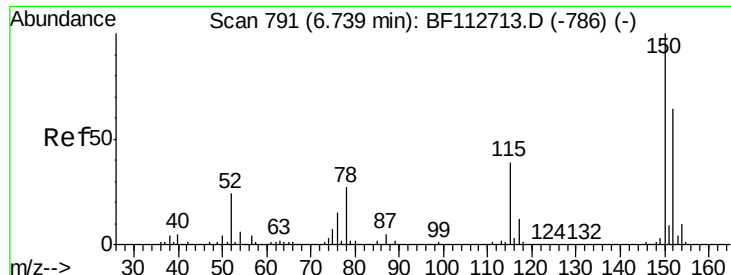
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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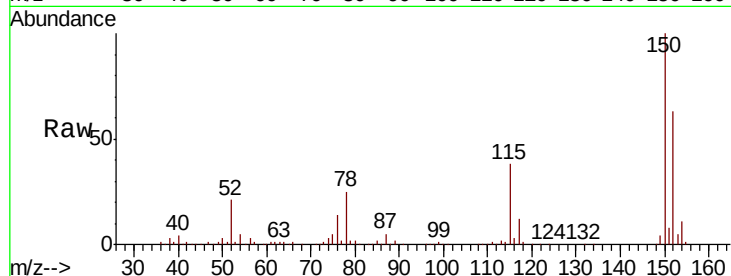


#1

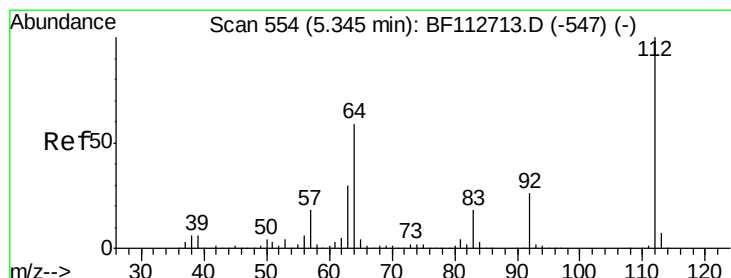
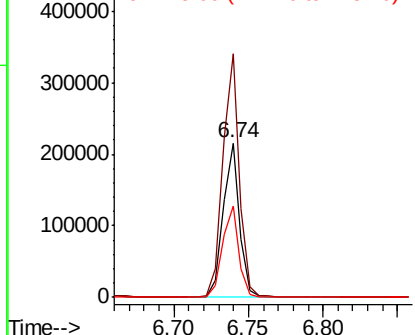
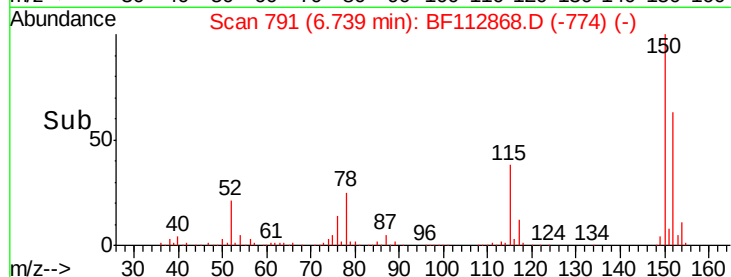
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

Tot Ion:152 Resp: 167122
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.2
115 59.5 48.2 72.4



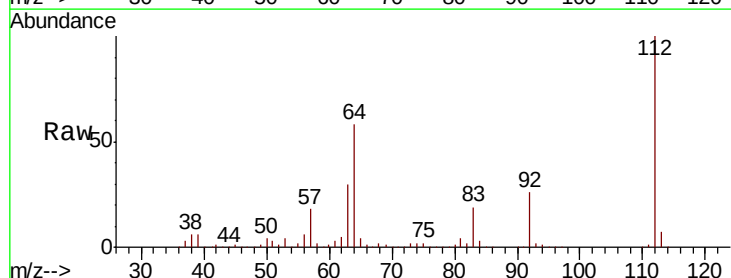
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



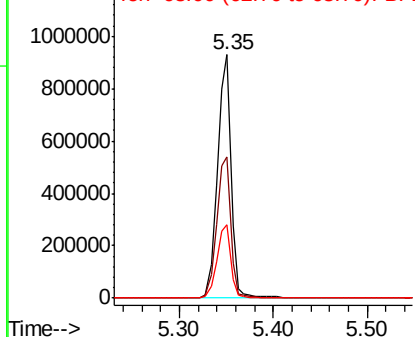
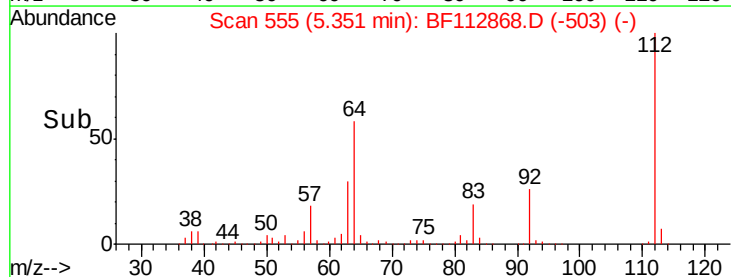
#5

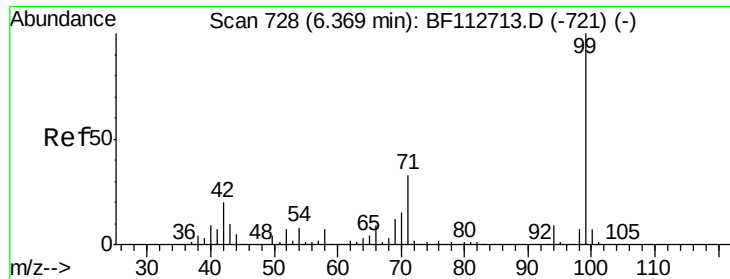
2-Fluorophenol
Concen: 88.580 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion:112 Resp: 951671
Ion Ratio Lower Upper
112 100
64 58.2 47.6 71.4
63 30.0 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: 94.574 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

Instrument :

BNA_F

ClientSampleId :

SB-A-0-2

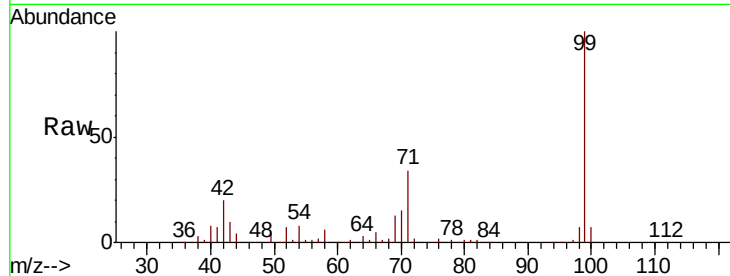
Tot Ion: 99 Resp: 1276351

Ion Ratio Lower Upper

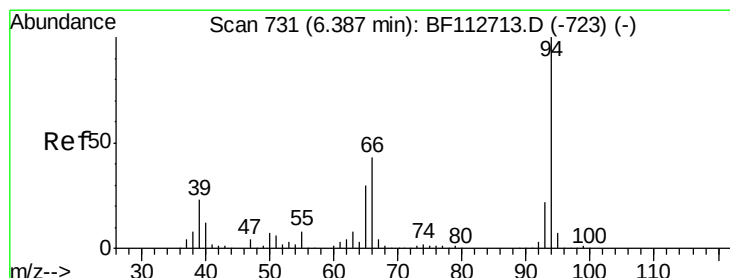
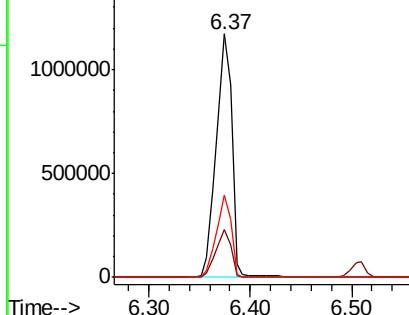
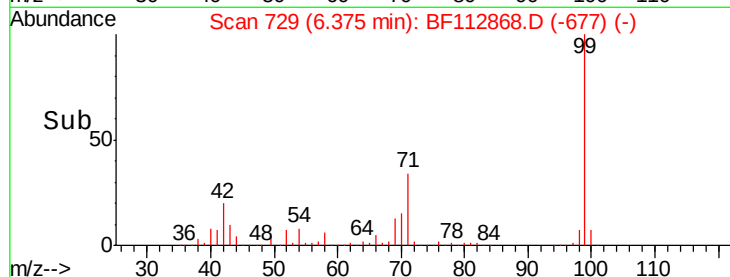
99 100

42 19.8 16.3 24.5

71 34.0 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



#10

Phenol

Concen: 5.009 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

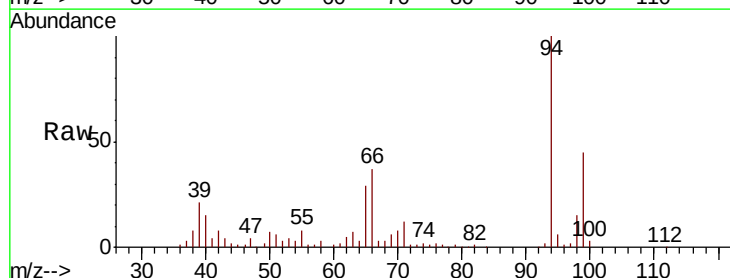
Tgt Ion: 94 Resp: 78888

Ion Ratio Lower Upper

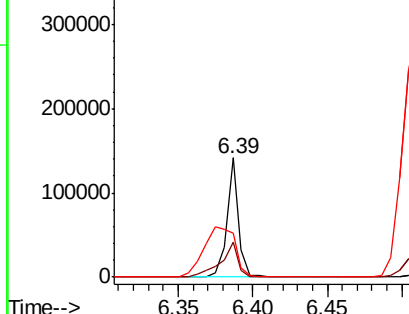
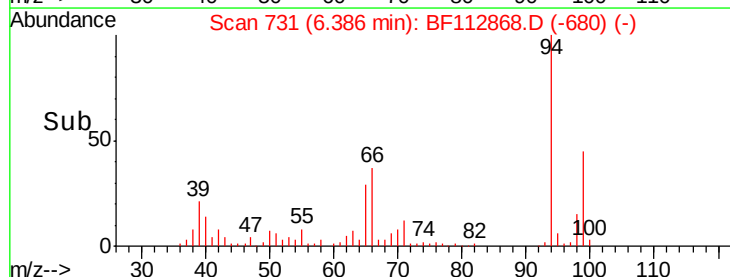
94 100

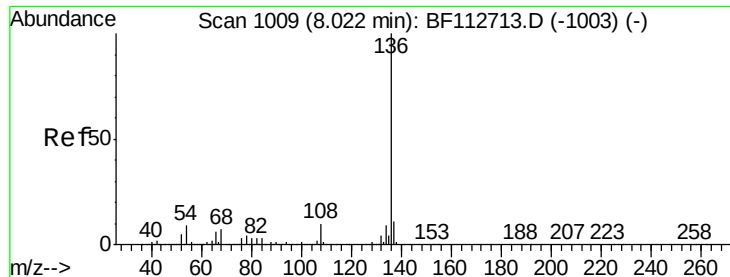
65 28.8 10.5 50.5

66 36.5 22.6 62.6



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: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

Instrument :

BNA_F

ClientSampleId :

SB-A-0-2

Tot Ion:136 Resp: 651027

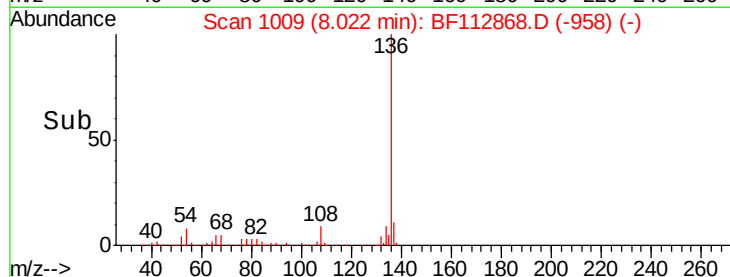
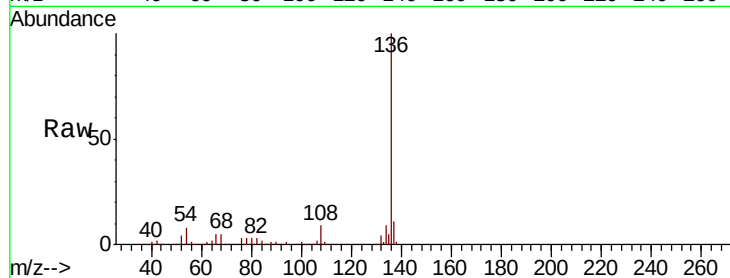
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 7.3 10.9

68 5.4 5.4 8.2#

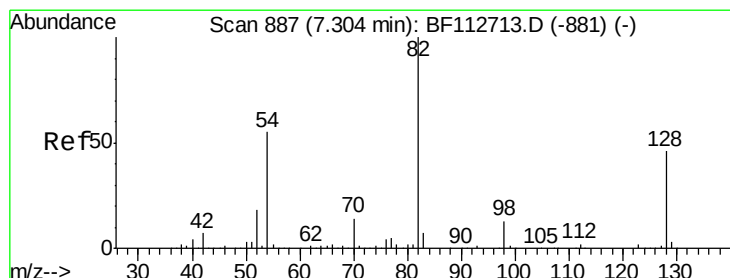
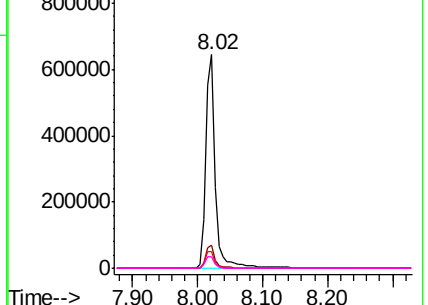


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.062 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

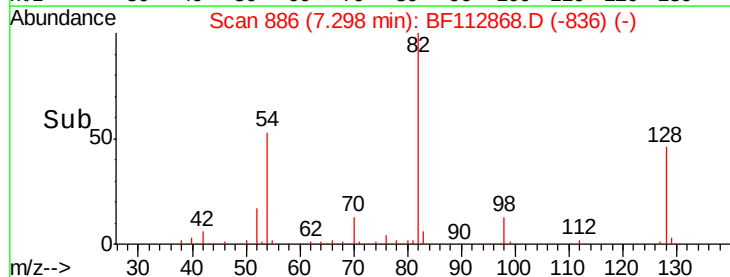
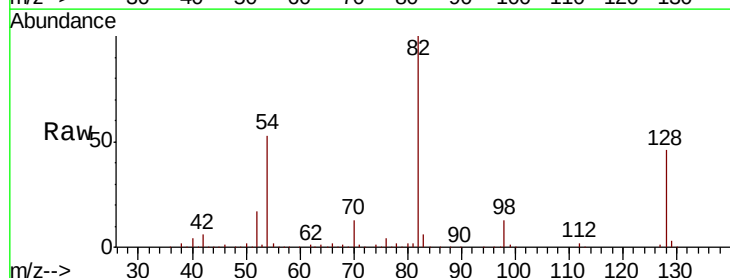
Tgt Ion: 82 Resp: 773147

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

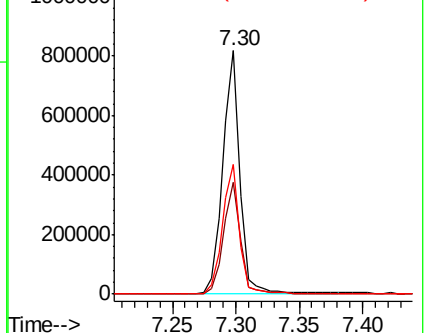
54 53.4 43.7 65.5

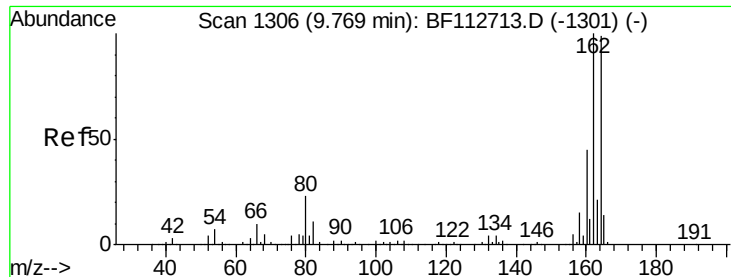


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

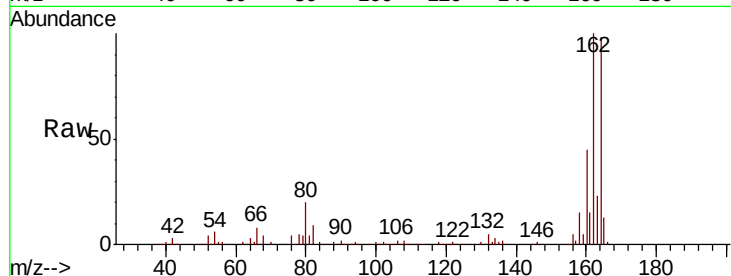




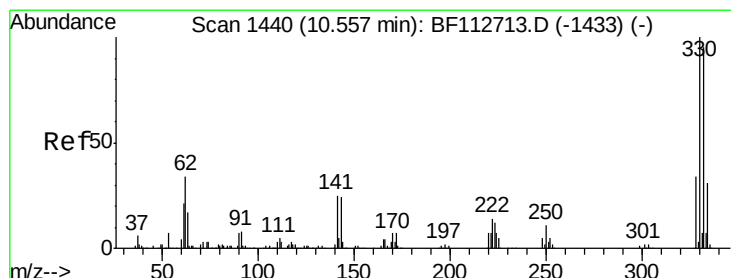
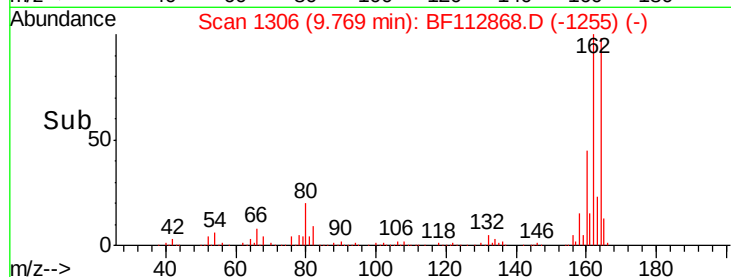
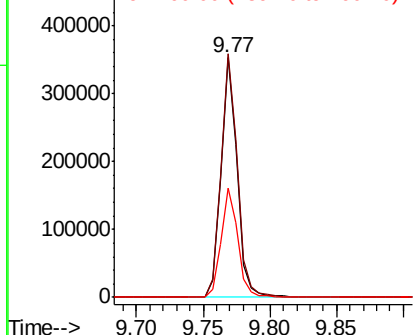
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.8	36.0	54.0

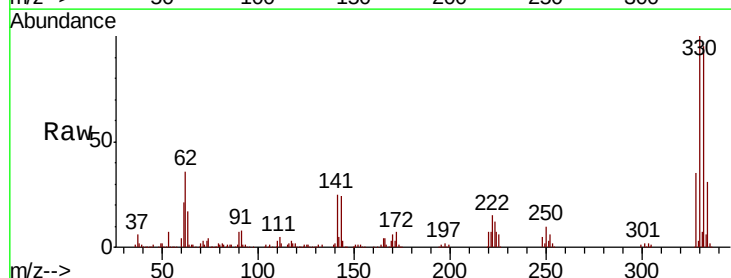


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

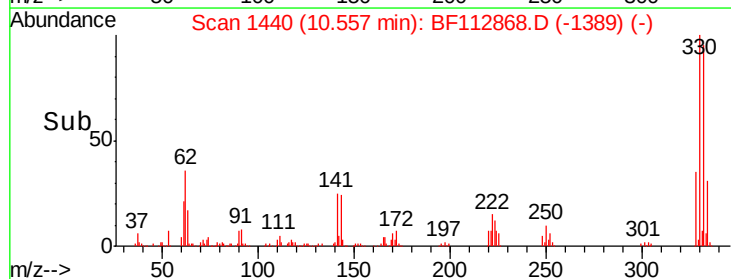
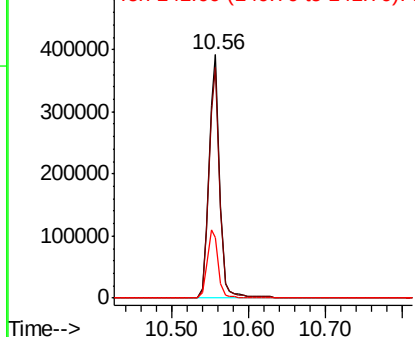


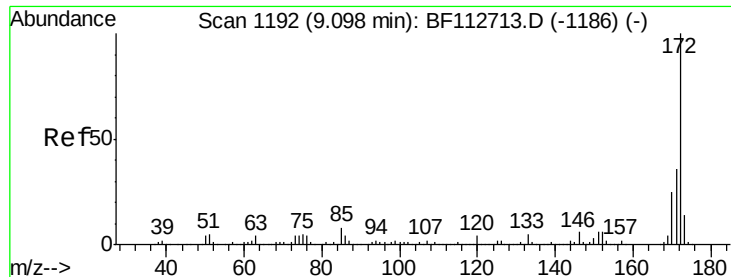
#42
2,4,6-Tribromophenol
Concen: 115.753 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	29.7	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



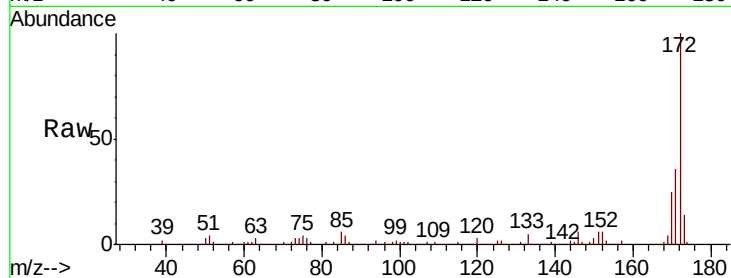


#45
2-Fluorobiphenyl
Concen: 78.911 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

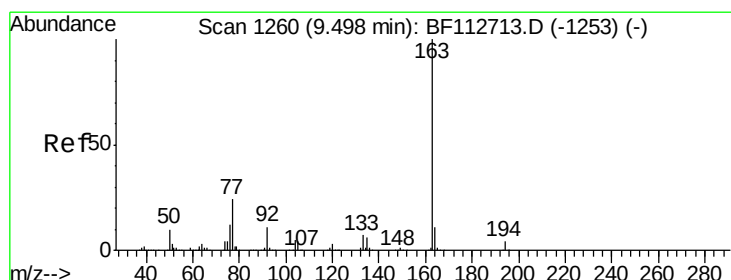
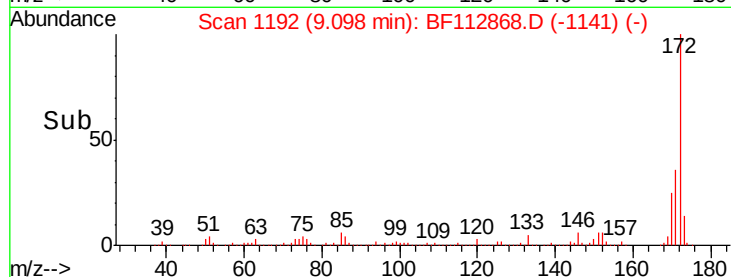
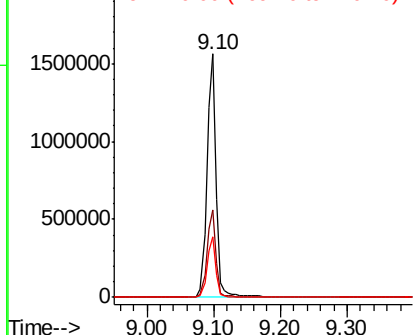
Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

Tot Ion:172 Resp: 1468272

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.7	20.0	30.0



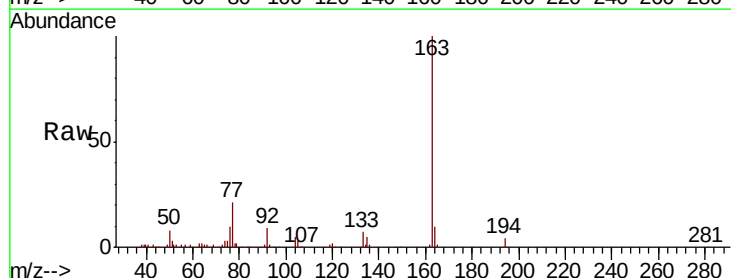
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



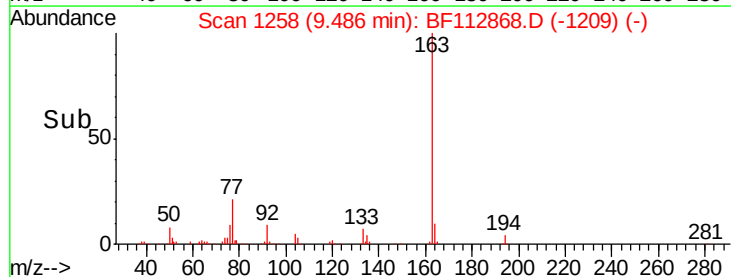
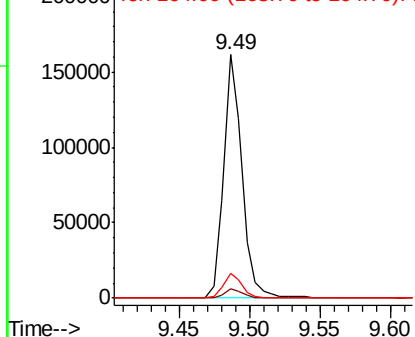
#50
Dimethylphthalate
Concen: 6.547 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

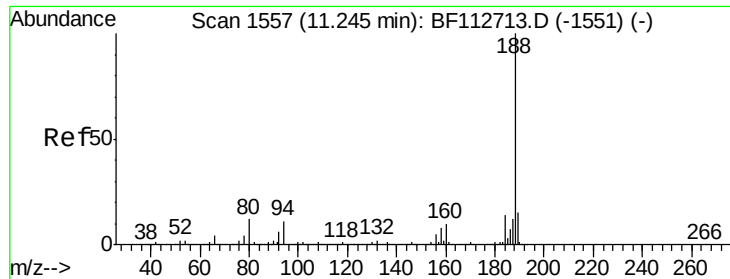
Tgt Ion:163 Resp: 146020

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.0	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: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

Instrument :

BNA_F

ClientSampleId :

SB-A-0-2

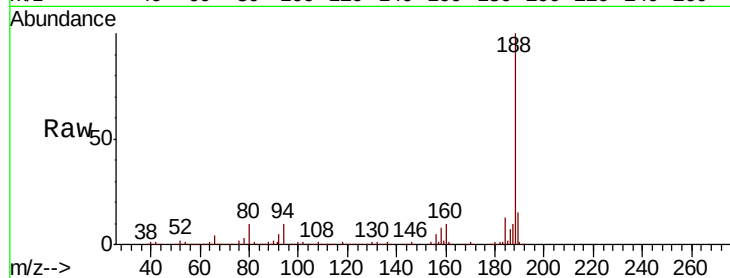
Tot Ion:188 Resp: 554973

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

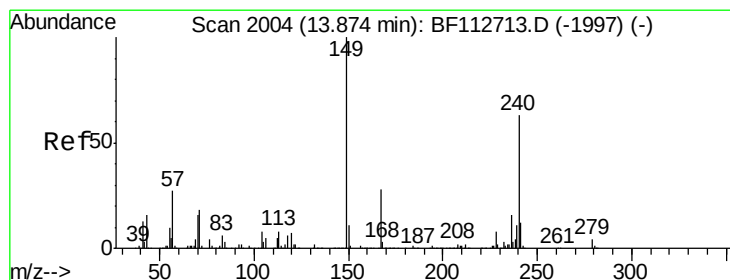
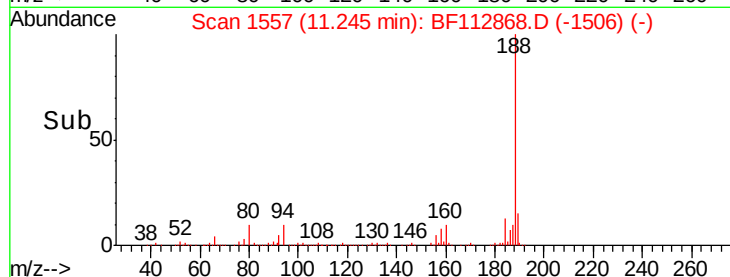
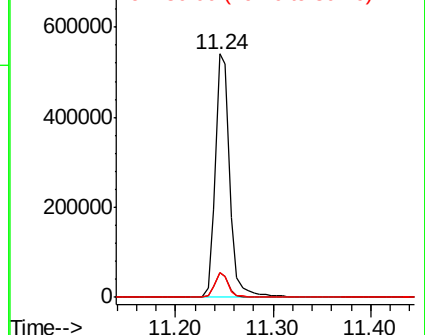
80 10.4 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

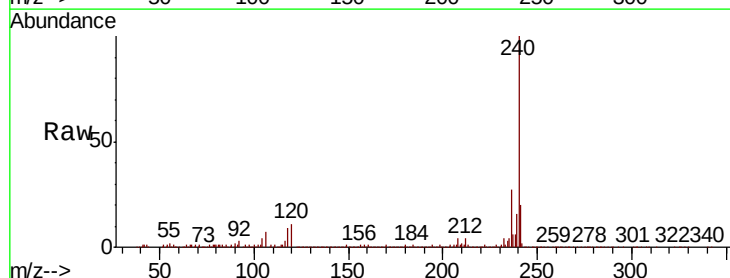
Tgt Ion:240 Resp: 456334

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

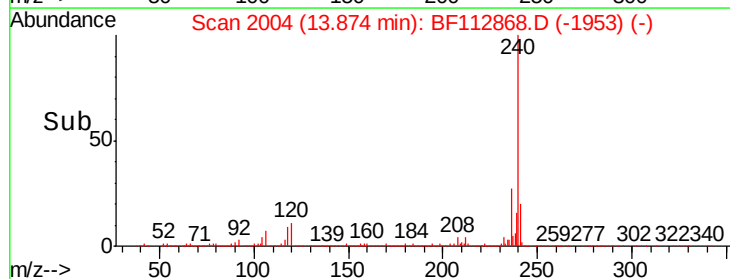
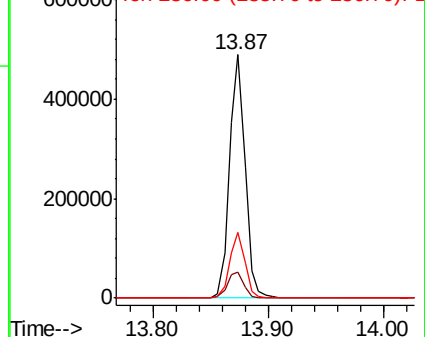
236 27.1 20.7 31.1

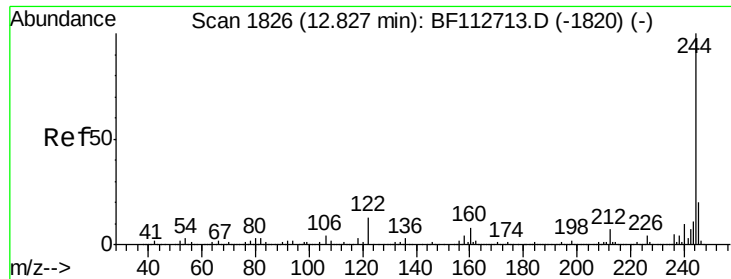


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

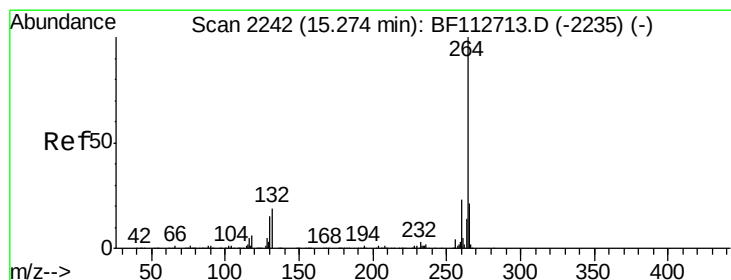
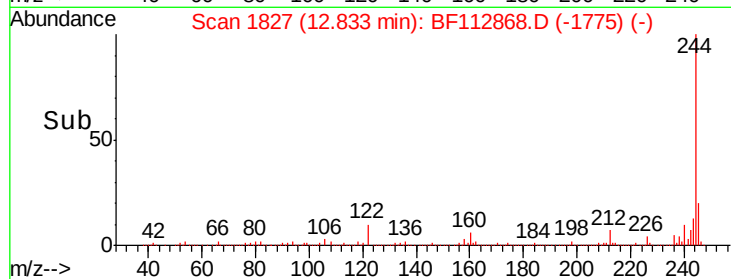
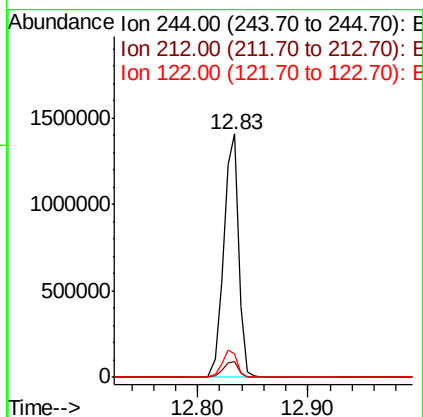
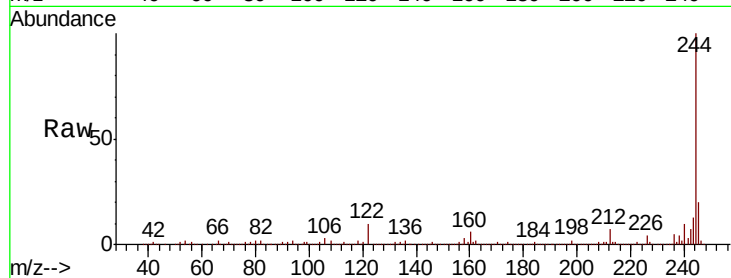




#79
 Terphenyl-d14
 Concen: 56.476 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112868.D
 Acq: 5 Mar 2019 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-A-0-2

Tot Ion:244 Resp: 1329482
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.8 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: BF112868.D
 Acq: 5 Mar 2019 22:42

Tgt Ion:264 Resp: 353932
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 20.8 17.2 25.8

