

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111139.D
 Acq On : 6 Dec 2018 15:35
 Operator : JU/SJ
 Sample : J6233-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Dec 06 16:49:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

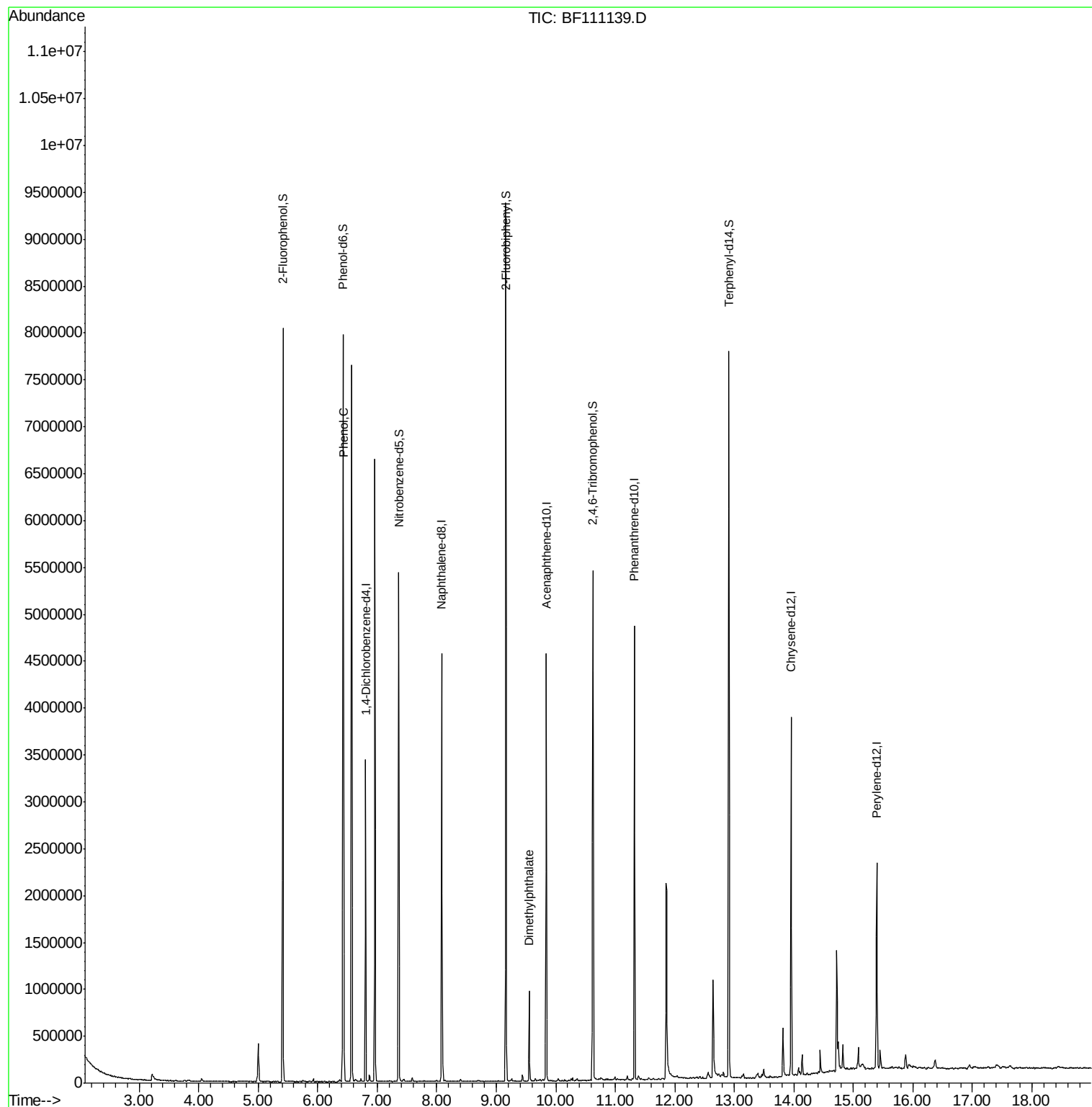
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	432160	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1737763	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	833728	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1512344	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1183058	20.00	ng	-0.01
87) Perylene-d12	15.39	264	921429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1988146	71.79	ng	0.00
7) Phenol-d6	6.43	99	2553435	71.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1559033	53.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	538695	81.29	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2493708	49.33	ng	0.00
79) Terphenyl-d14	12.91	244	2338820	40.49	ng	0.00
Target Compounds						
10) Phenol	6.44	94	180186	4.632	ng	96
50) Dimethylphthalate	9.56	163	376706	6.492	ng	99

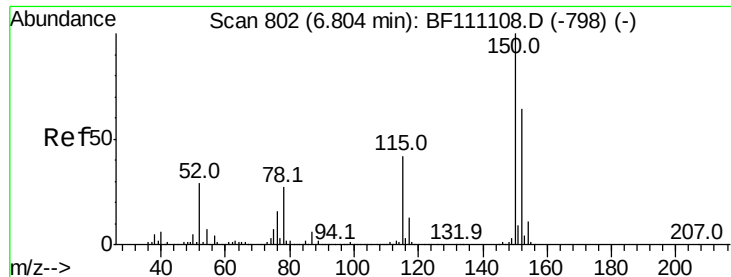
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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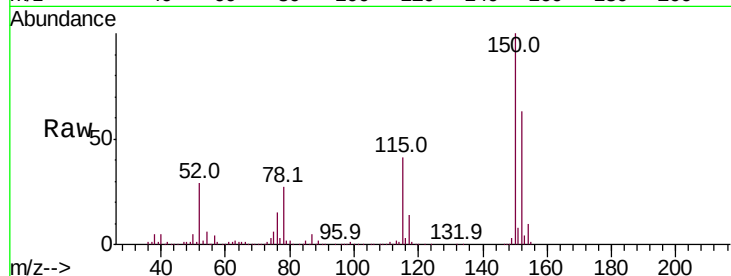


#1

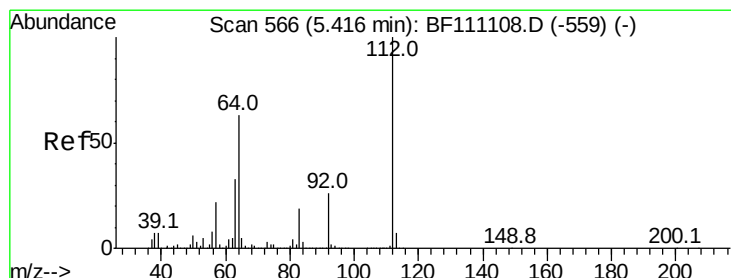
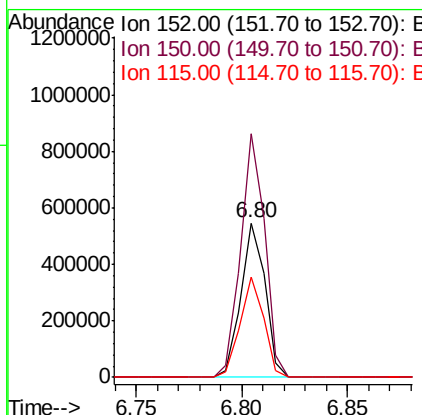
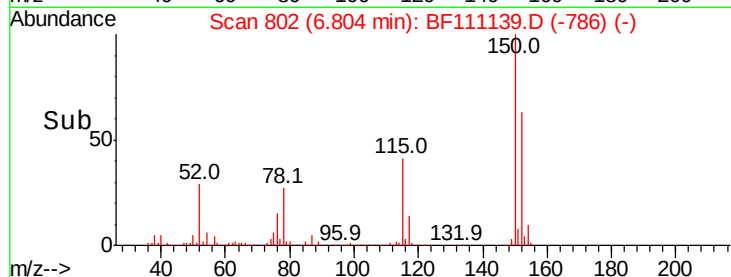
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Instrument :
BNA_F
ClientSampled :
SB-1

Tot Ion:152 Resp: 432160
Ion Ratio Lower Upper
152 100
150 157.7 124.6 187.0
115 64.7 52.2 78.2



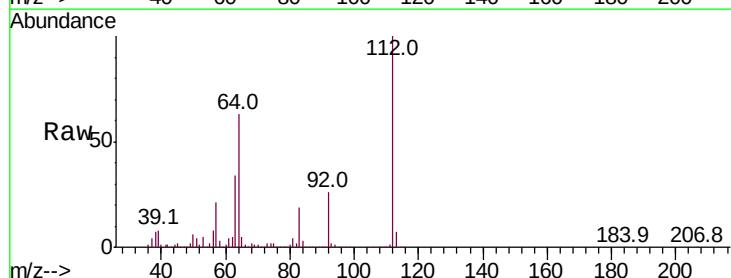
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



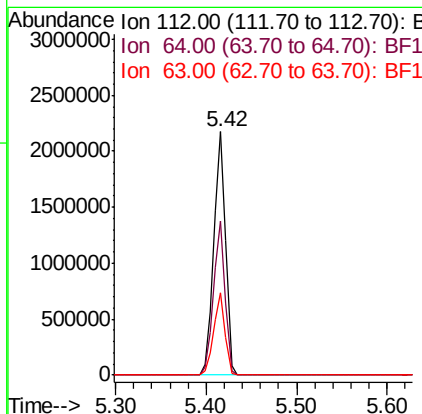
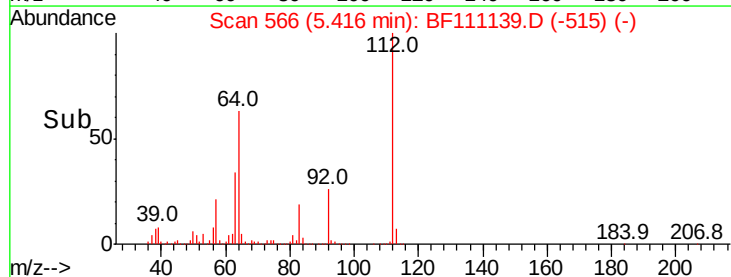
#5

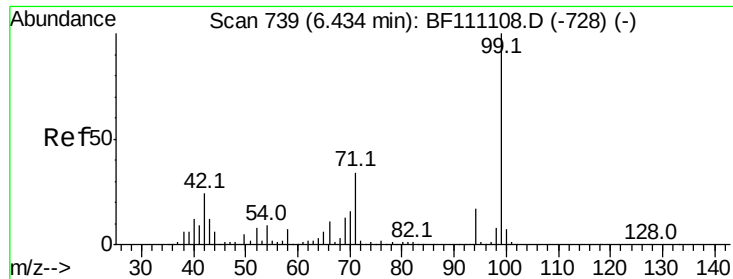
2-Fluorophenol
Concen: 71.789 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Tgt Ion:112 Resp: 1988146
Ion Ratio Lower Upper
112 100
64 63.3 50.2 75.4
63 34.1 26.6 39.8



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: 71.574 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SB-1

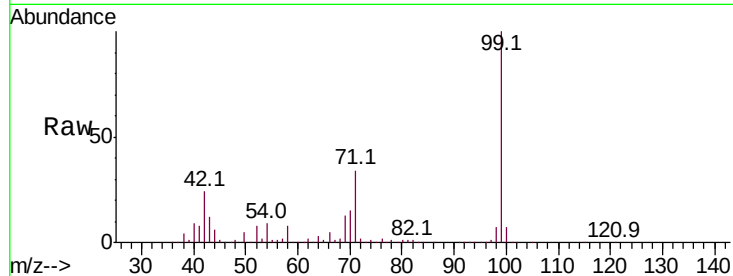
Tot Ion: 99 Resp: 2553435

Ion Ratio Lower Upper

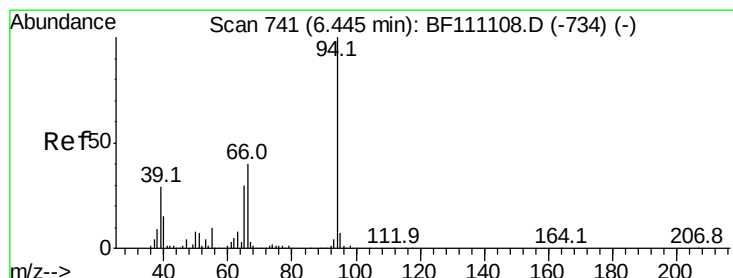
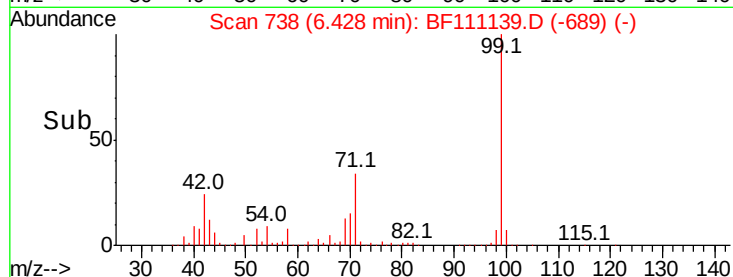
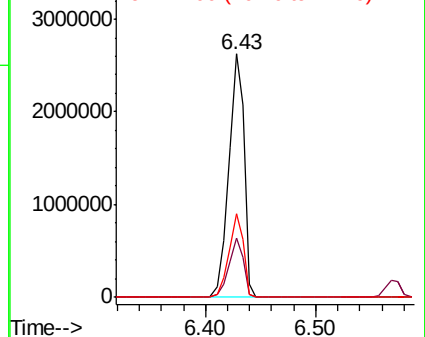
99 100

42 24.1 19.3 28.9

71 34.1 27.4 41.2



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: 4.632 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

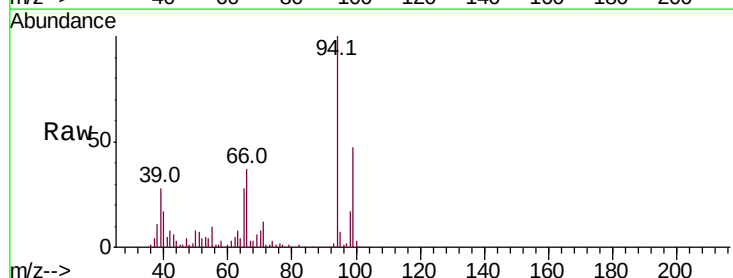
Tgt Ion: 94 Resp: 180186

Ion Ratio Lower Upper

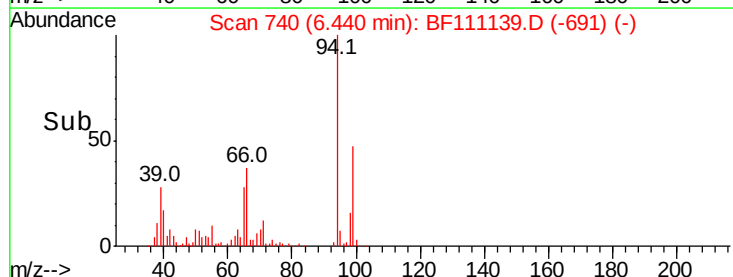
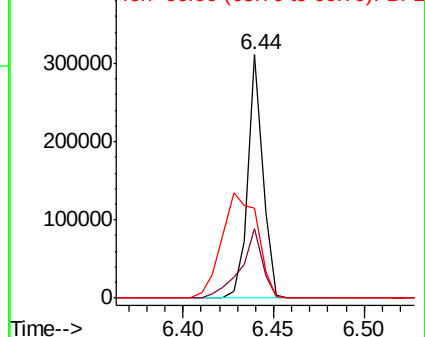
94 100

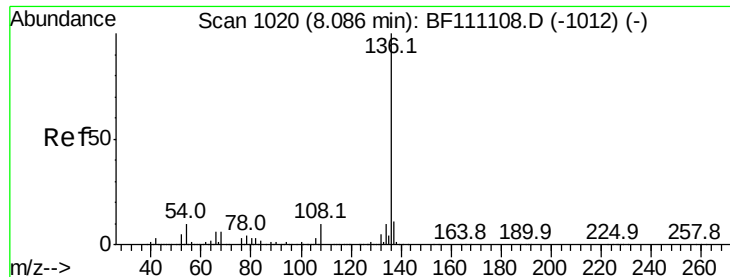
65 28.4 10.5 50.5

66 37.1 19.8 59.8



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SB-1

Tot Ion:136 Resp: 1737763

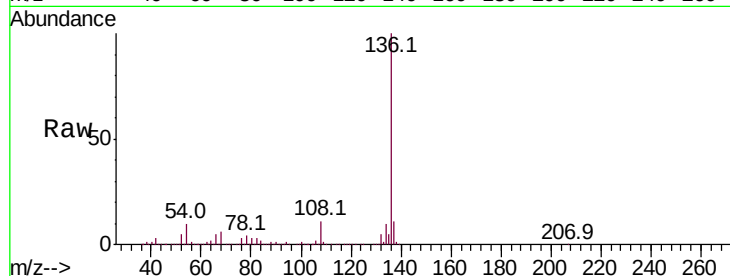
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.7 8.4 12.6

68 5.9 5.0 7.4

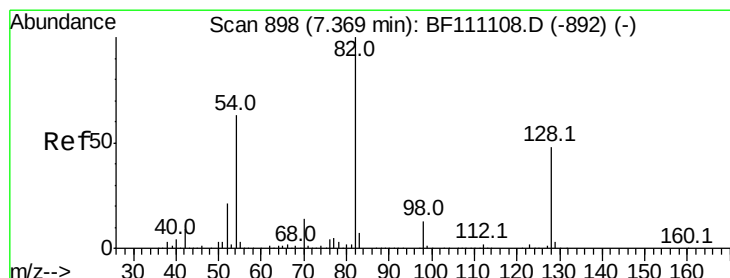
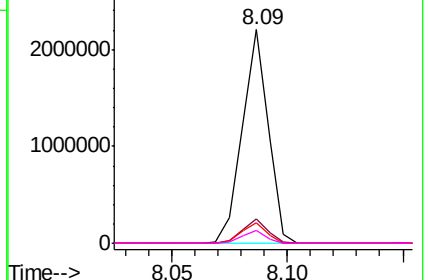
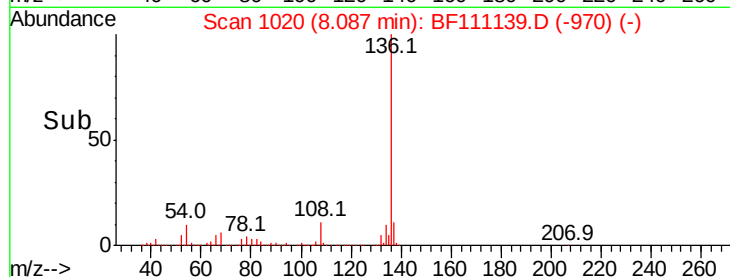


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.114 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

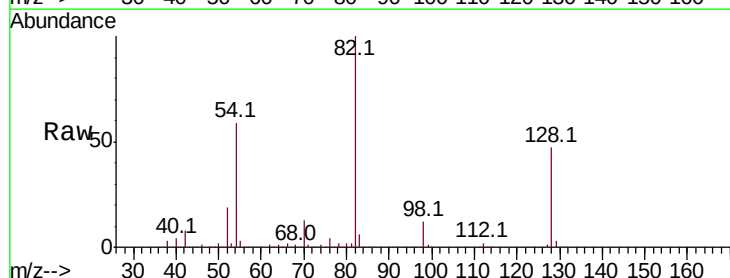
Tgt Ion: 82 Resp: 1559033

Ion Ratio Lower Upper

82 100

128 46.9 38.1 57.1

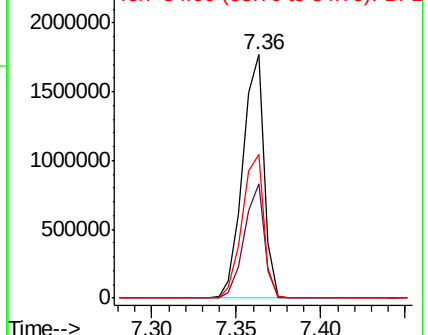
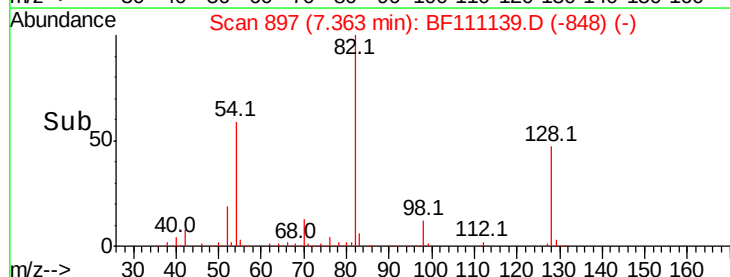
54 59.2 50.3 75.5

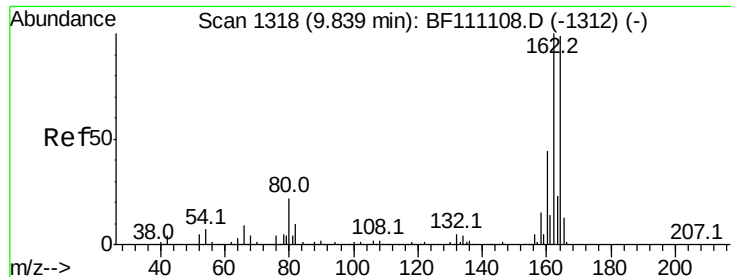


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SB-1

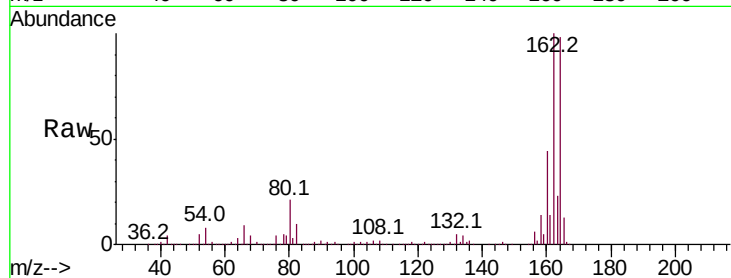
Tot Ion:164 Resp: 833728

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

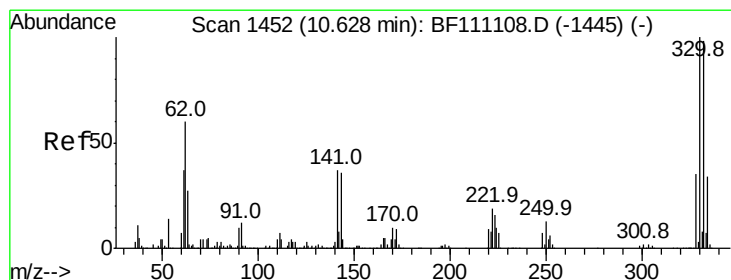
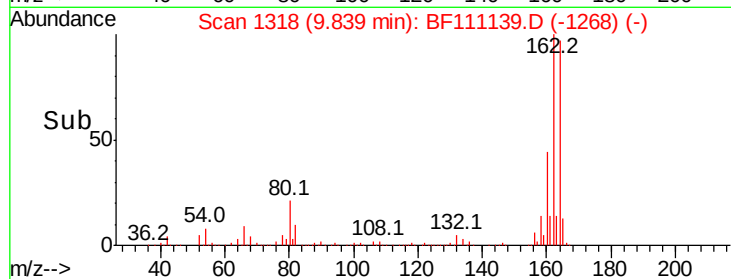
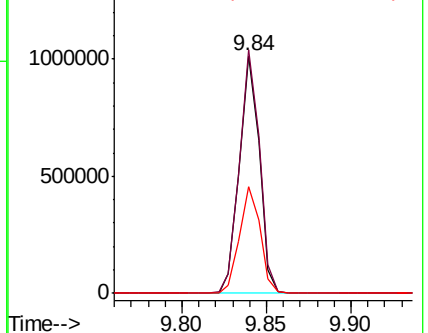
160 44.6 35.5 53.3



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: 81.286 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

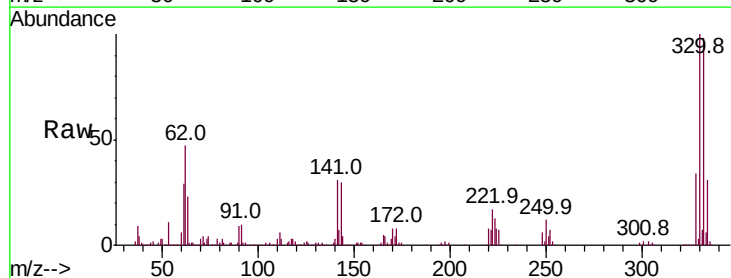
Tgt Ion:330 Resp: 538695

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

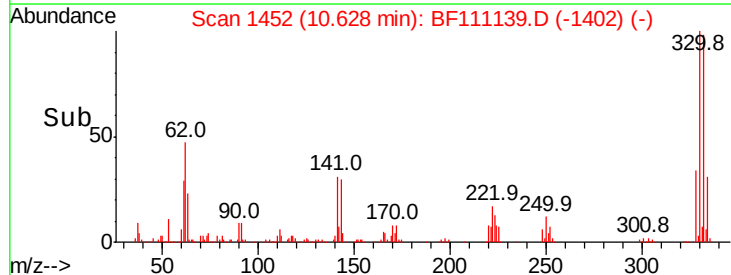
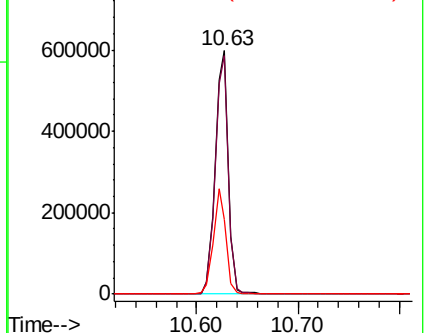
141 41.0 36.1 54.1

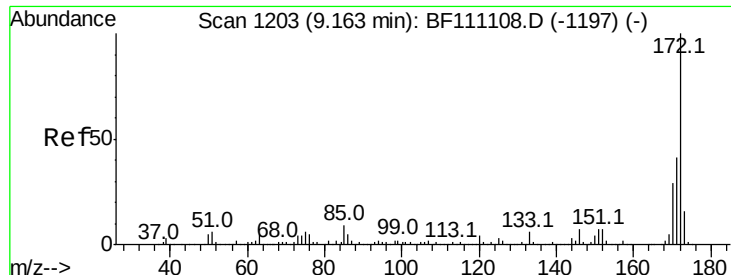


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

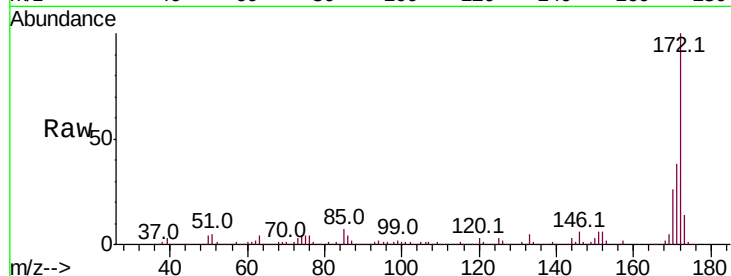




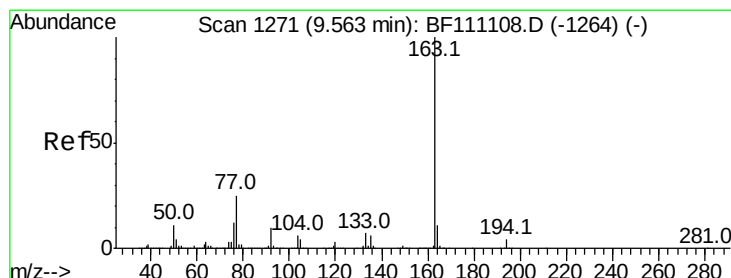
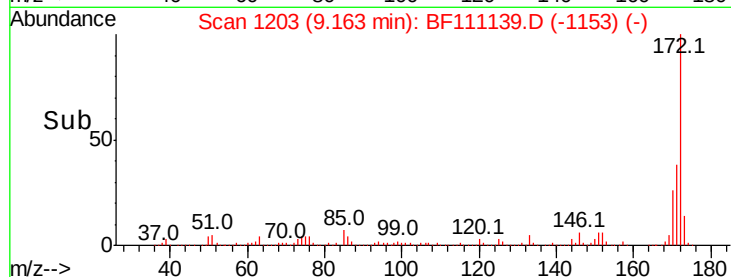
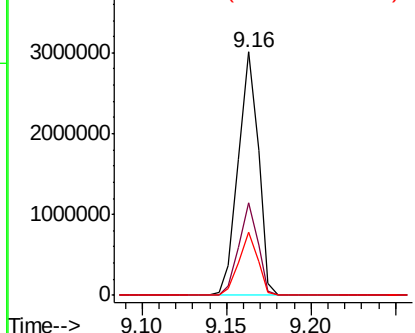
#45
2-Fluorobiphenyl
Concen: 49.334 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion:172 Resp: 2493708
Ion Ratio Lower Upper
172 100
171 38.2 33.2 49.8
170 25.9 22.9 34.3

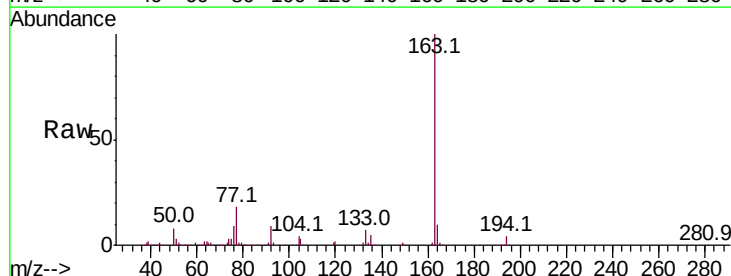


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

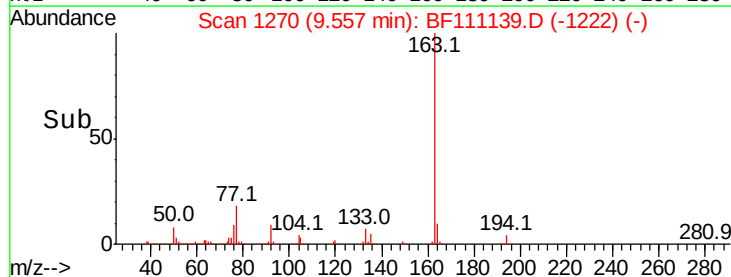
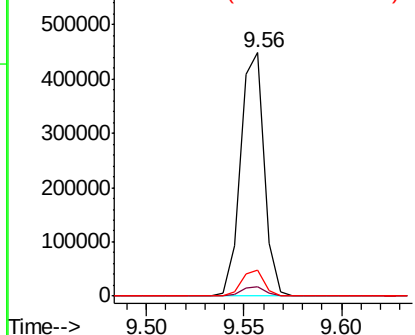


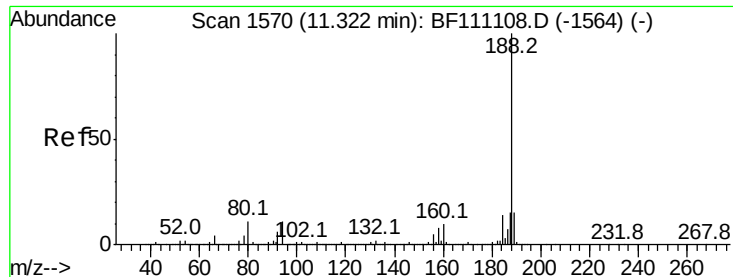
#50
Dimethylphthalate
Concen: 6.492 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Tgt Ion:163 Resp: 376706
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 8.9 13.3



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

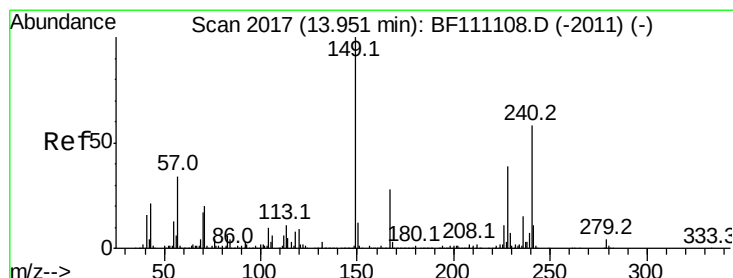
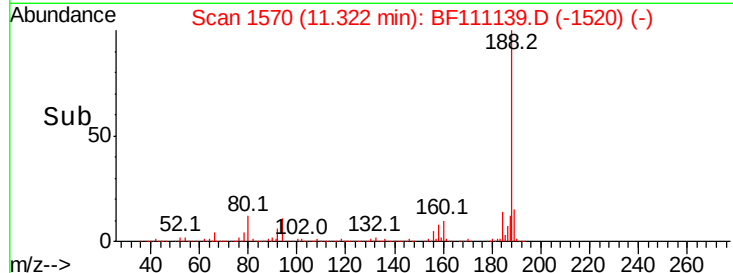
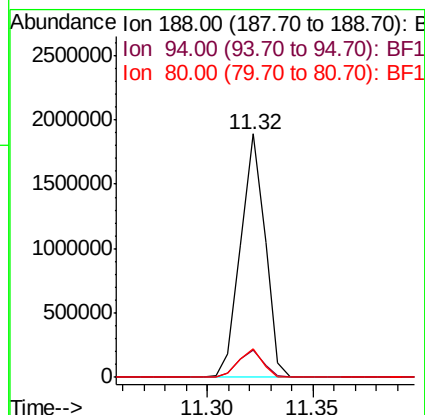
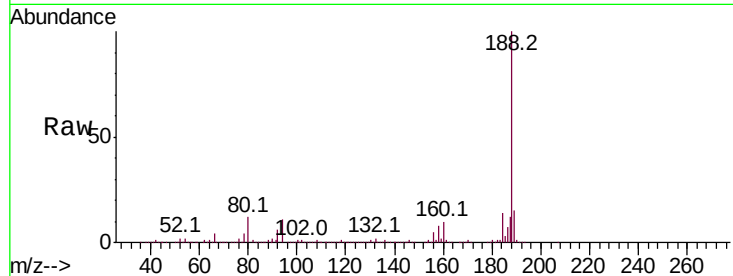




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

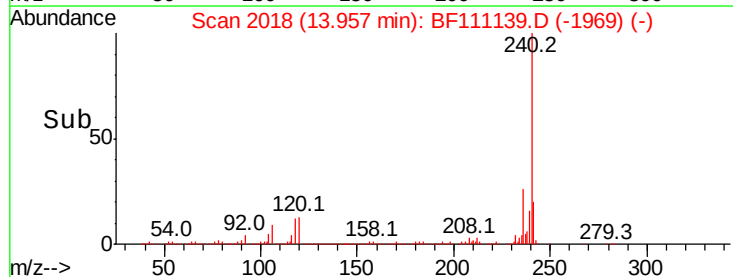
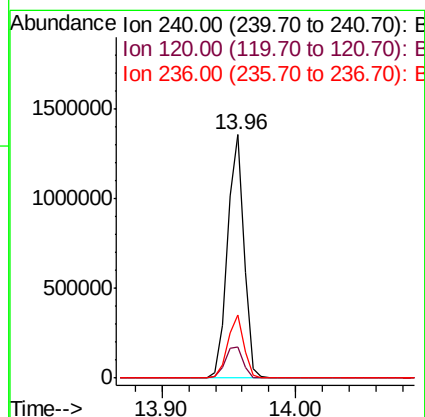
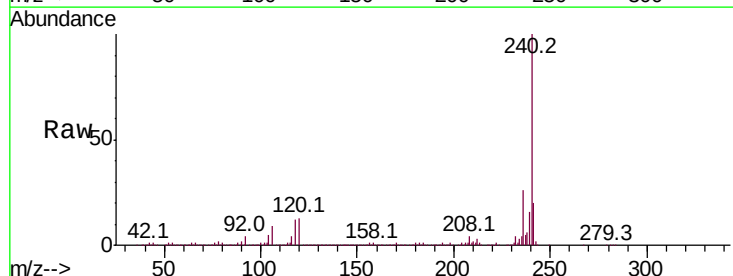
Instrument :
BNA_F
ClientSampled :
SB-1

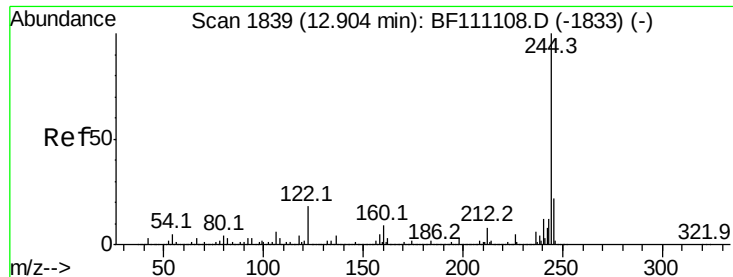
Tot Ion:188 Resp: 1512344
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Tgt Ion:240 Resp: 1183058
Ion Ratio Lower Upper
240 100
120 12.9 12.8 19.2
236 26.1 21.1 31.7

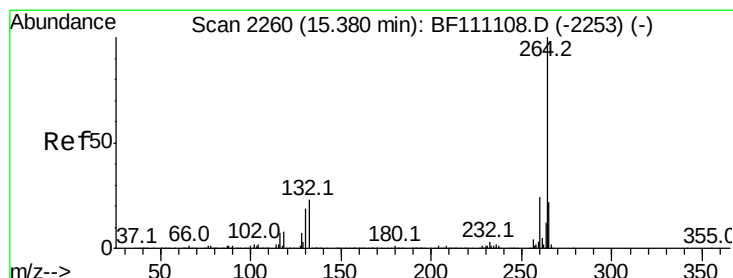
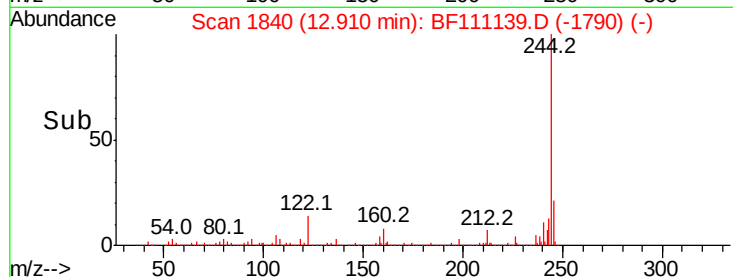
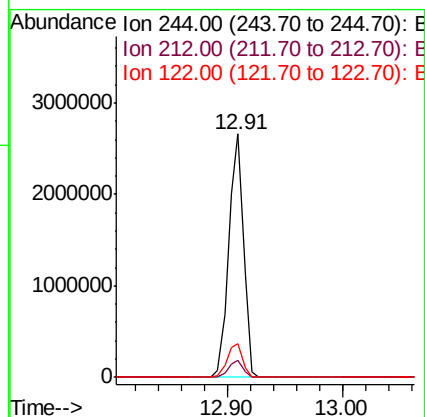
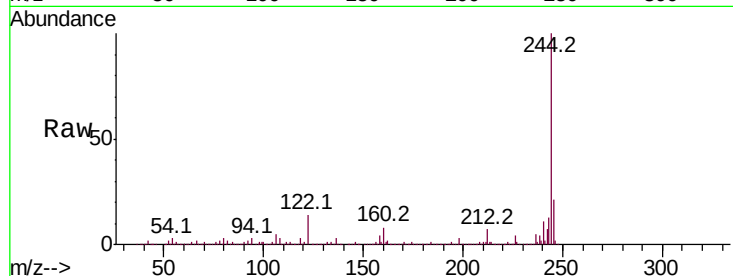




#79
 Terphenyl-d14
 Concen: 40.487 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tot Ion:244 Resp: 2338820
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 9.8
 122 13.7 14.2 21.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

Tgt Ion:264 Resp: 921429
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 22.2 17.4 26.0

