

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111203.D
 Acq On : 7 Dec 2018 22:44
 Operator : JU/SJ
 Sample : J6224-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Dec 08 03:08:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

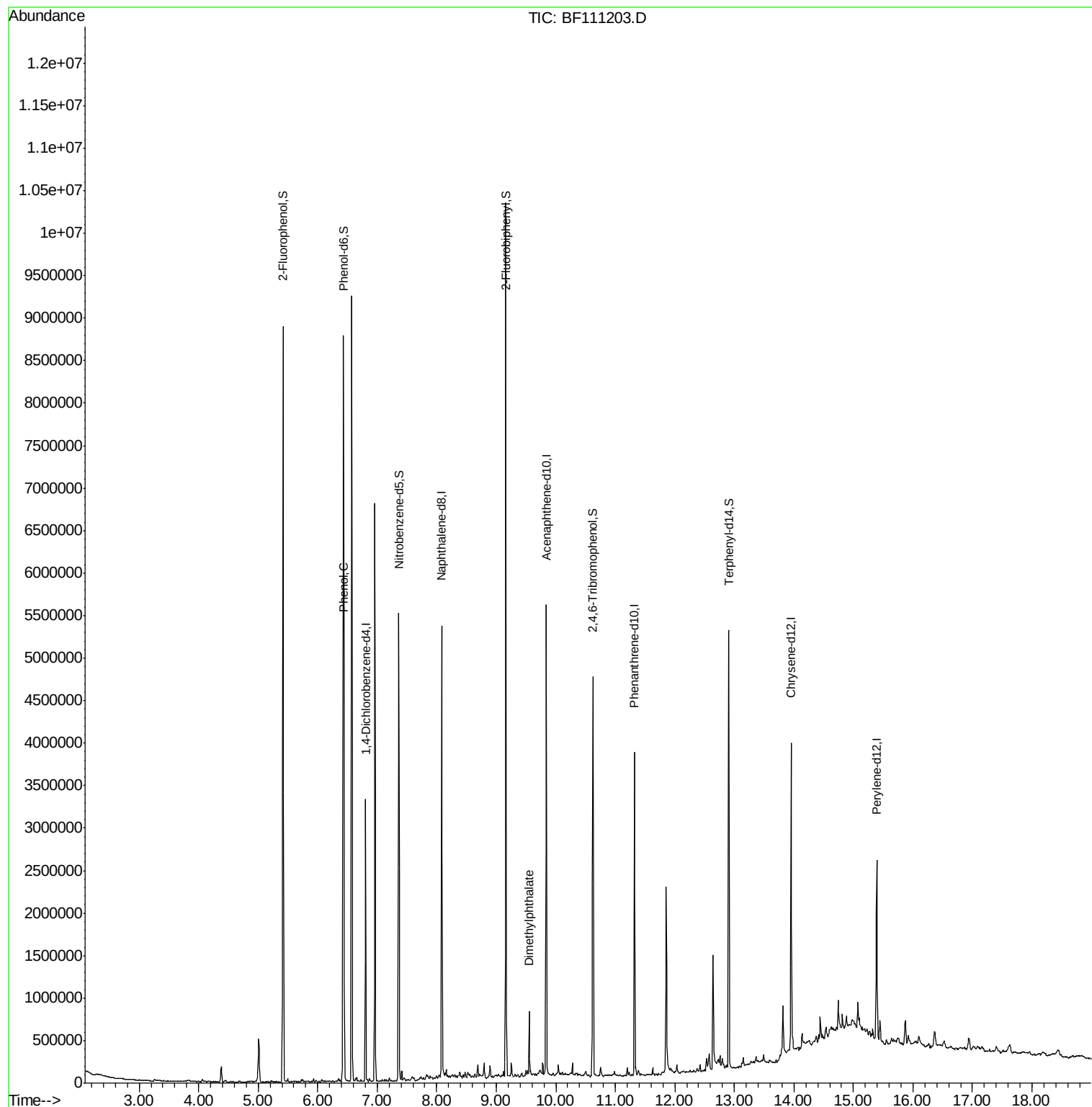
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	424268	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2008089	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1029494	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1231221	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1128148	20.00	ng	0.00
87) Perylene-d12	15.39	264	917482	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2366919	87.06	ng	0.00
7) Phenol-d6	6.43	99	2973843	84.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	1574234	46.41	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	498467	60.91	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2956482	46.68	ng	0.00
79) Terphenyl-d14	12.91	244	1741362	31.61	ng	0.00
Target Compounds						
10) Phenol	6.45	94	211150	5.529	ng	90
50) Dimethylphthalate	9.56	163	309178	4.315	ng	96

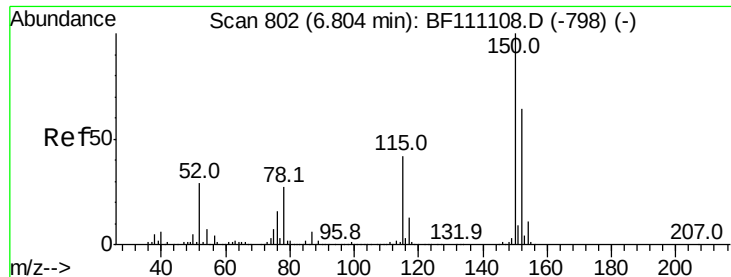
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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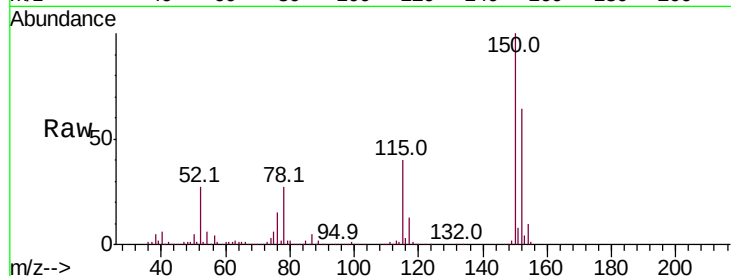


#1

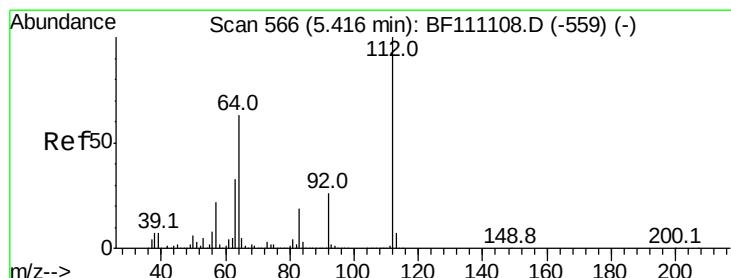
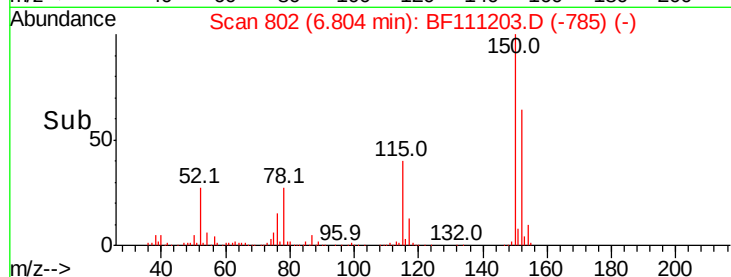
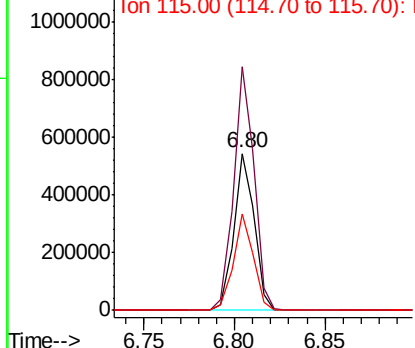
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:152 Resp: 424268
Ion Ratio Lower Upper
152 100
150 155.2 124.6 187.0
115 61.5 52.2 78.2



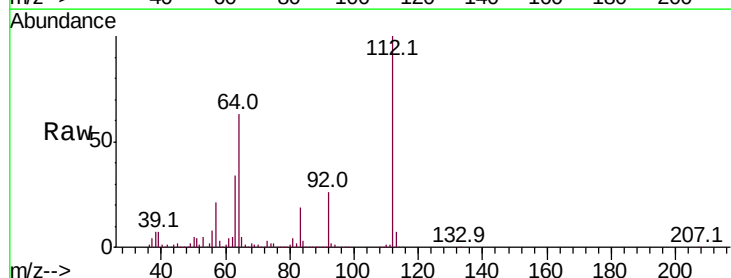
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



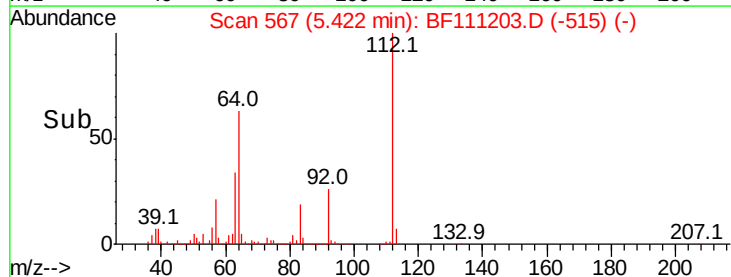
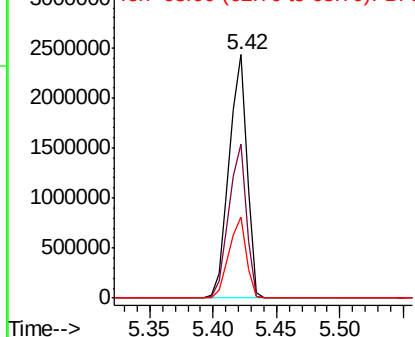
#5

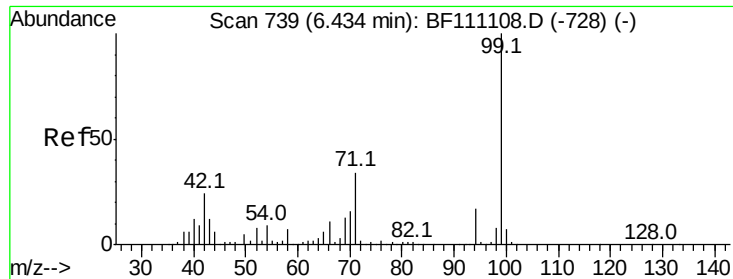
2-Fluorophenol
Concen: 87.055 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion:112 Resp: 2366919
Ion Ratio Lower Upper
112 100
64 63.3 50.2 75.4
63 33.5 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: 84.909 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

S-1

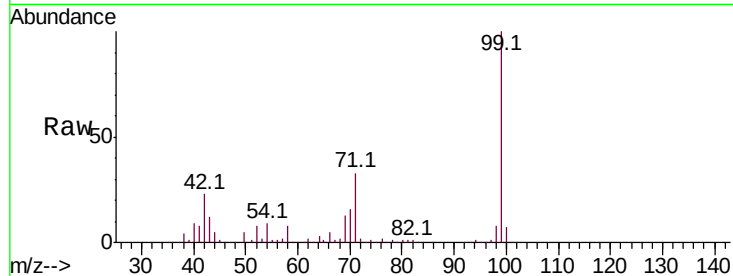
Tot Ion: 99 Resp: 2973843

Ion Ratio Lower Upper

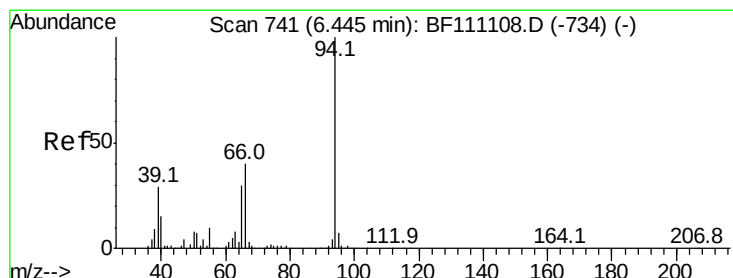
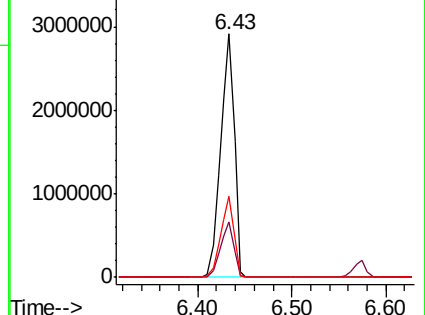
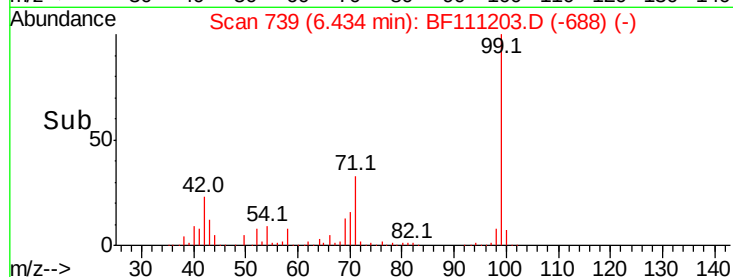
99 100

42 22.9 19.3 28.9

71 33.4 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: 5.529 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

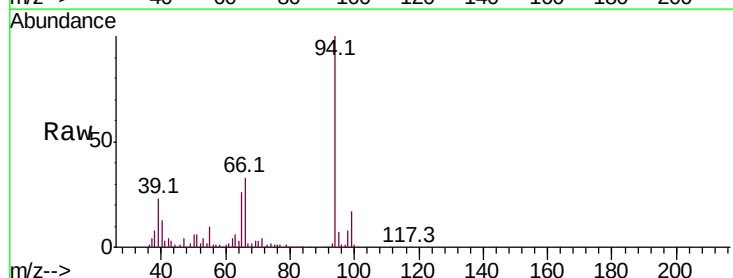
Tgt Ion: 94 Resp: 211150

Ion Ratio Lower Upper

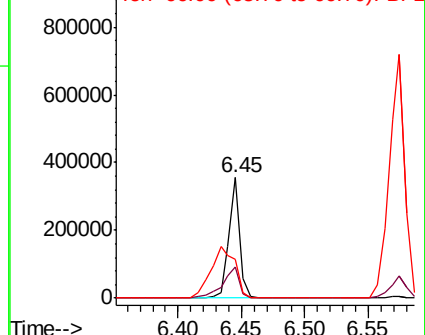
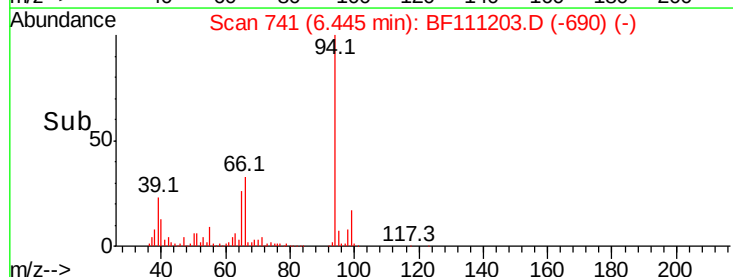
94 100

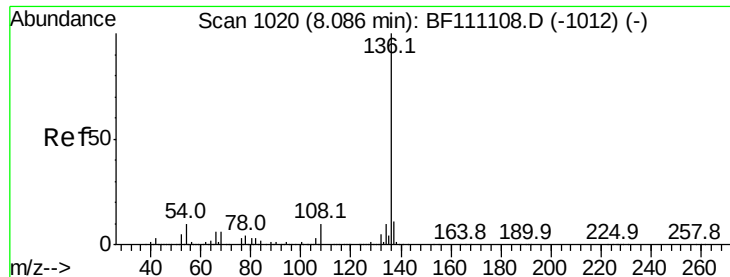
65 26.0 10.5 50.5

66 32.6 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. -0.00 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

S-1

Tot Ion:136 Resp: 2008089

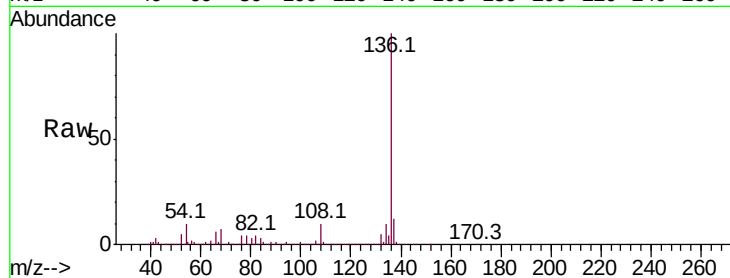
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 9.8 8.4 12.6

68 6.6 5.0 7.4

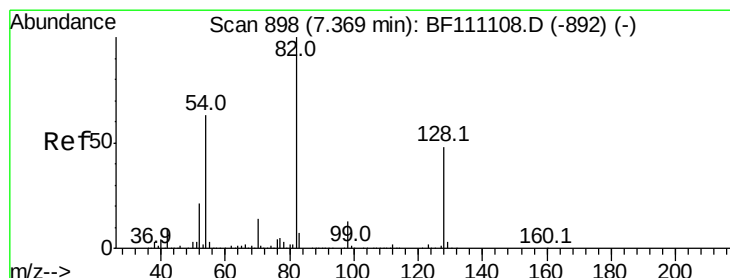
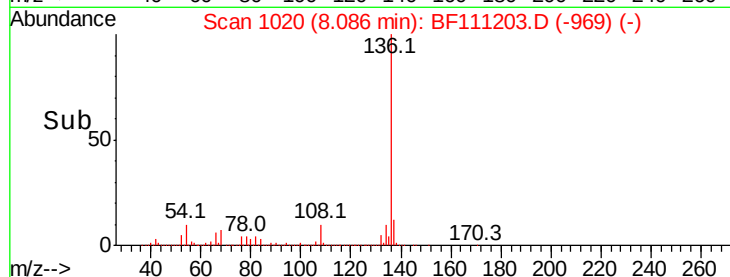
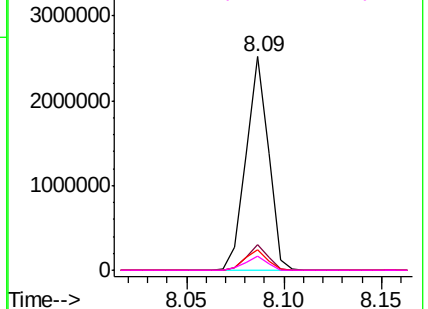


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.412 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

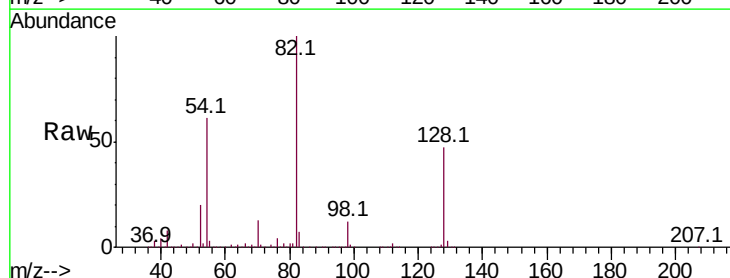
Tgt Ion: 82 Resp: 1574234

Ion Ratio Lower Upper

82 100

128 47.0 38.1 57.1

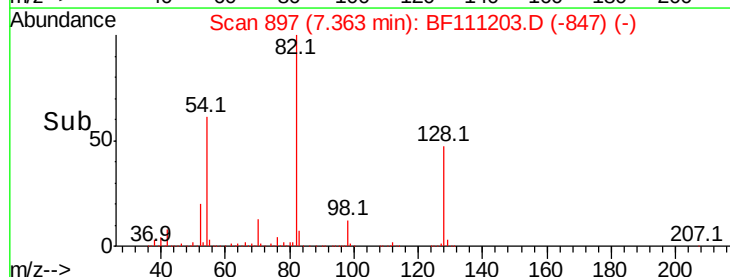
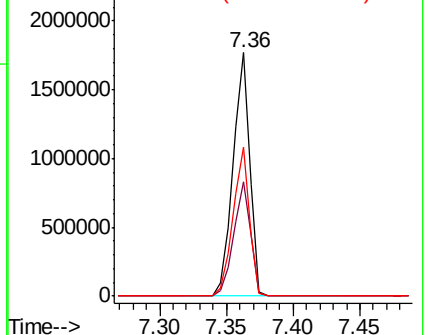
54 61.3 50.3 75.5

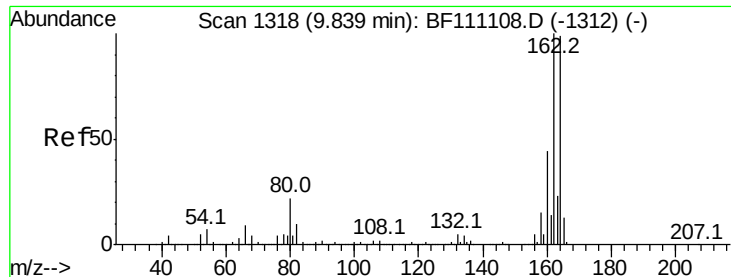


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



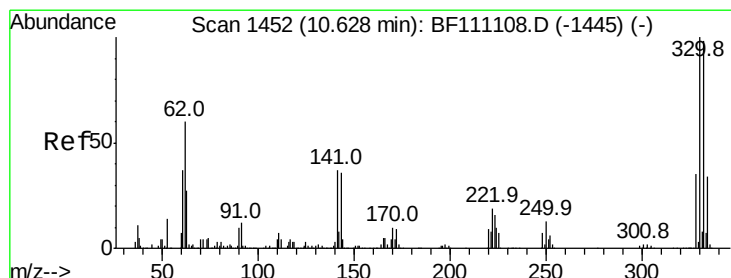
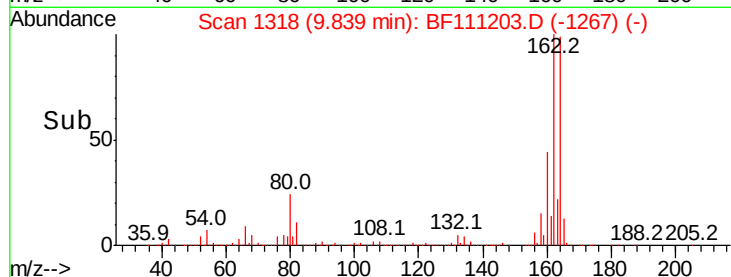
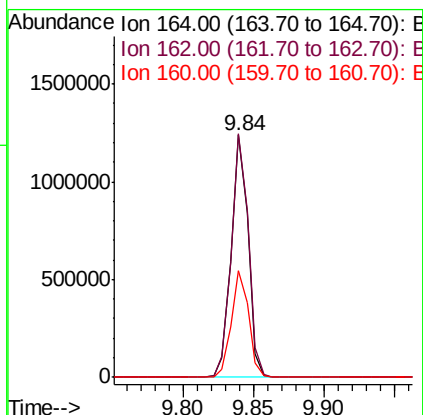
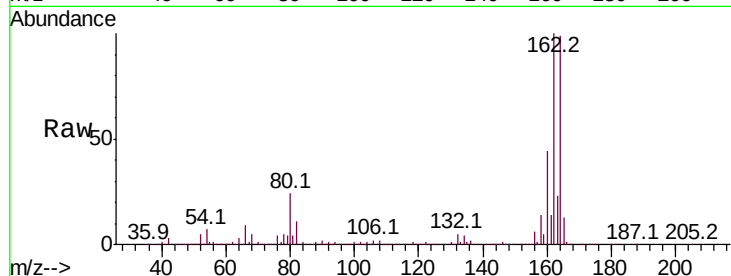


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111203.D
 Acq: 7 Dec 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:164 Resp: 1029494

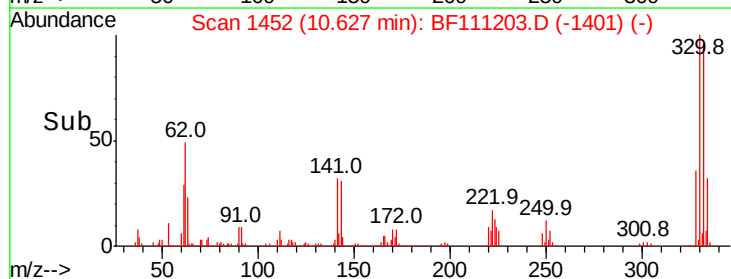
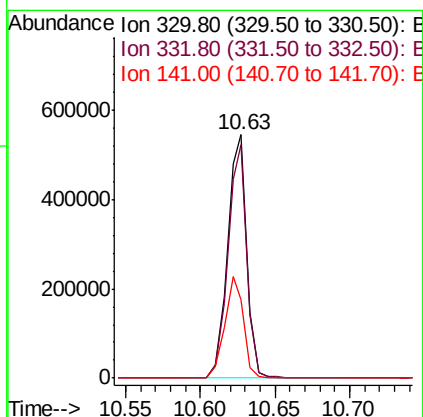
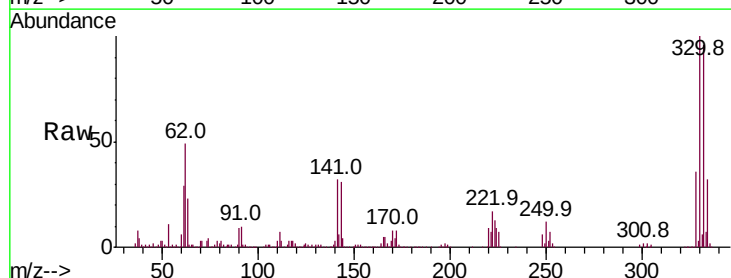
Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	43.9	35.5	53.3

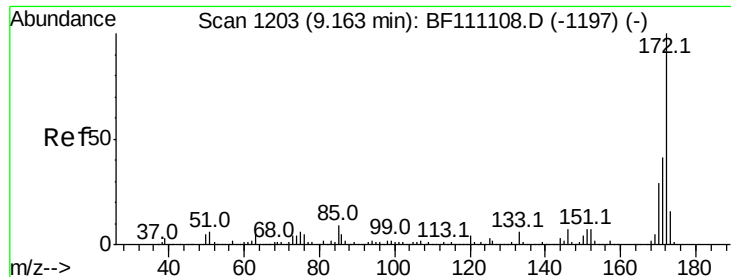


#42
 2,4,6-Tribromophenol
 Concen: 60.913 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111203.D
 Acq: 7 Dec 2018 22:44

Tgt Ion:330 Resp: 498467

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.2	115.8
141	41.4	36.1	54.1



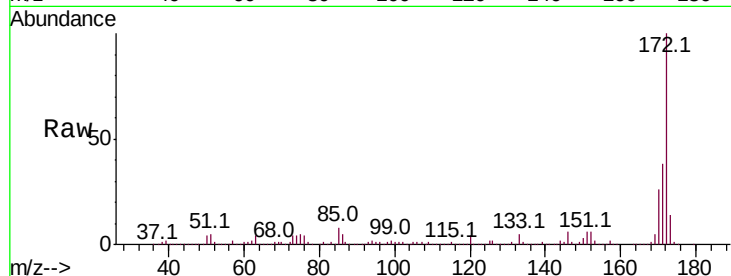


#45
2-Fluorobiphenyl
Concen: 46.678 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

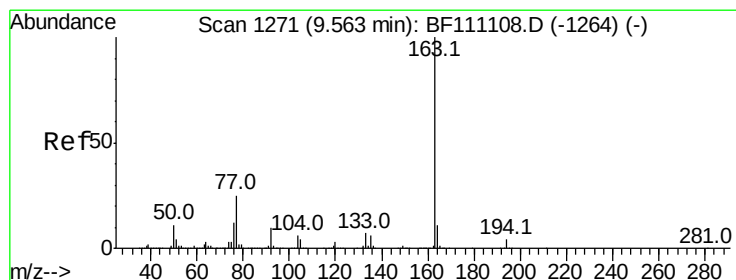
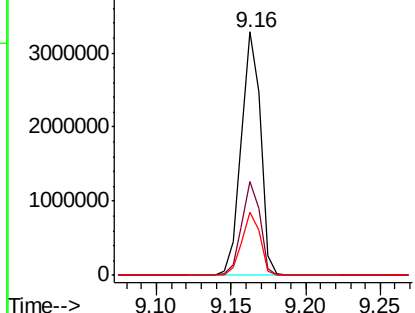
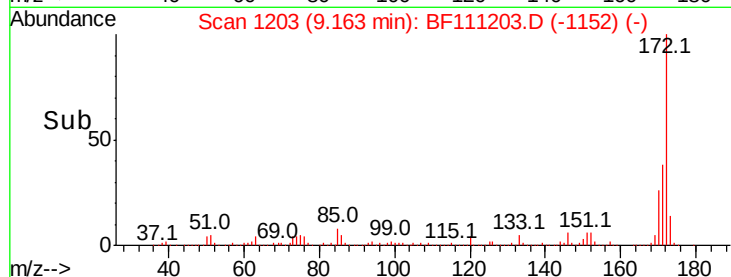
Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 2956482

Ion	Ratio	Lower	Upper
172	100		
171	38.4	33.2	49.8
170	26.0	22.9	34.3



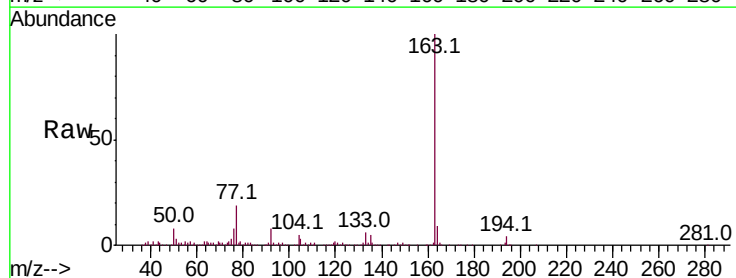
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



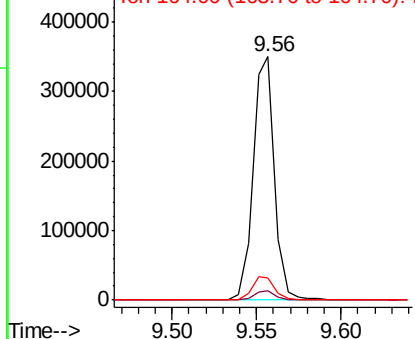
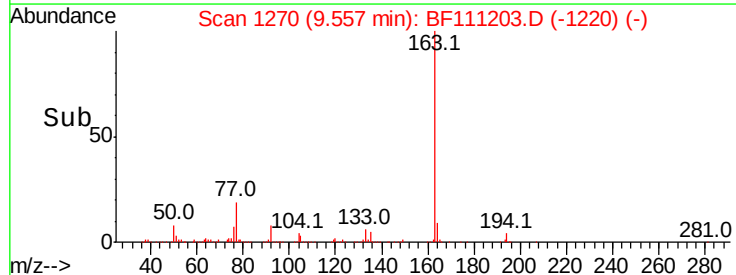
#50
Dimethylphthalate
Concen: 4.315 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

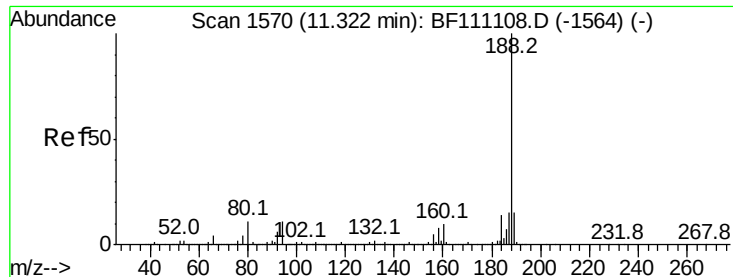
Tgt Ion:163 Resp: 309178

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.3	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

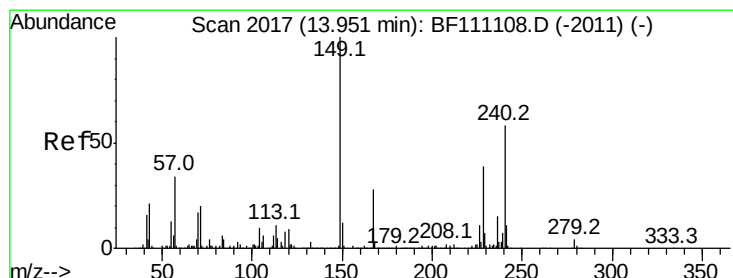
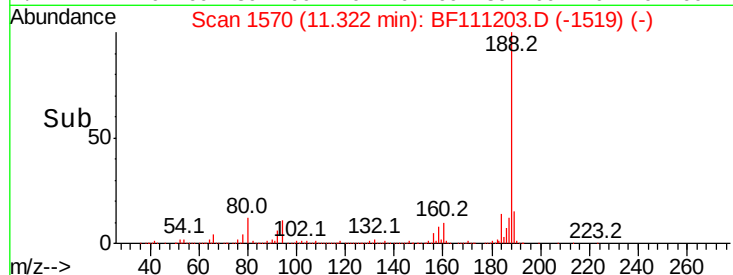
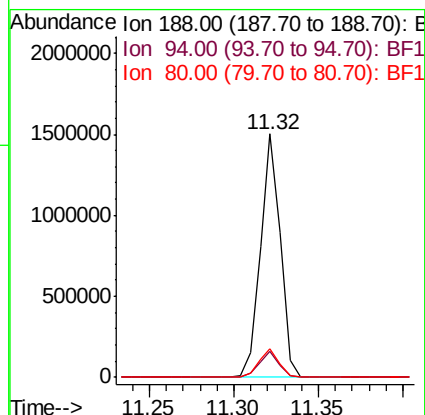
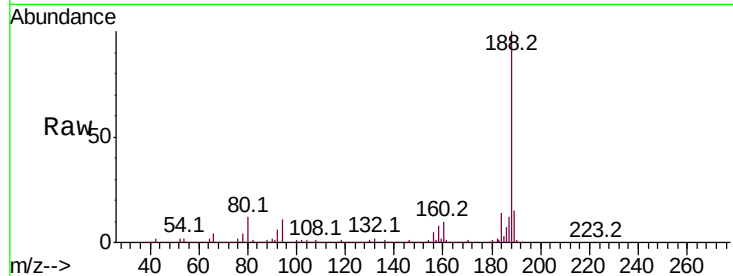




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

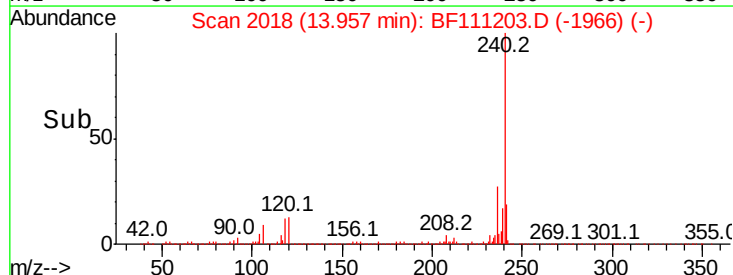
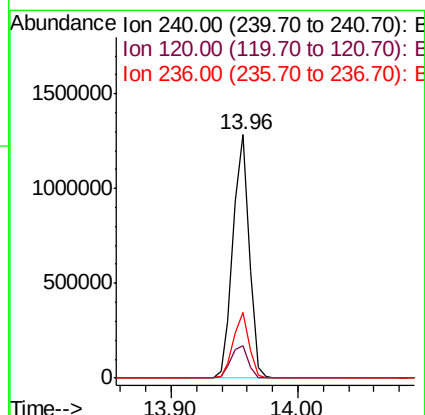
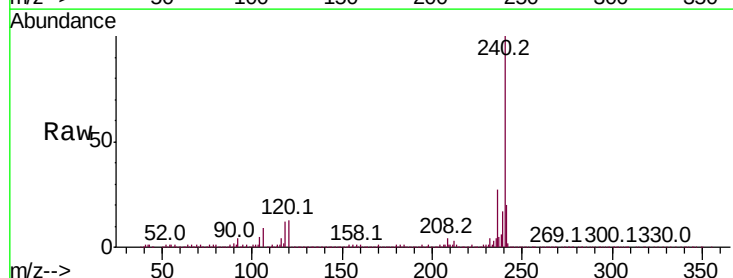
Instrument :
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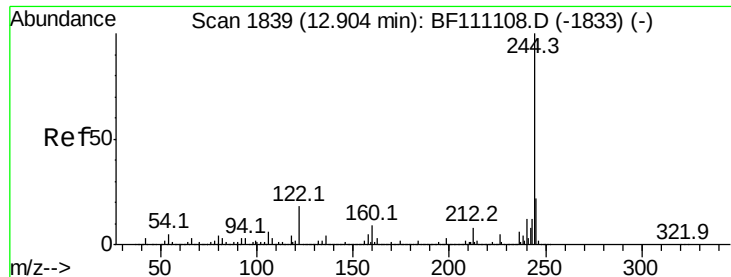
Tot Ion:188 Resp: 1231221
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion:240 Resp: 1128148
Ion Ratio Lower Upper
240 100
120 13.2 12.8 19.2
236 26.8 21.1 31.7



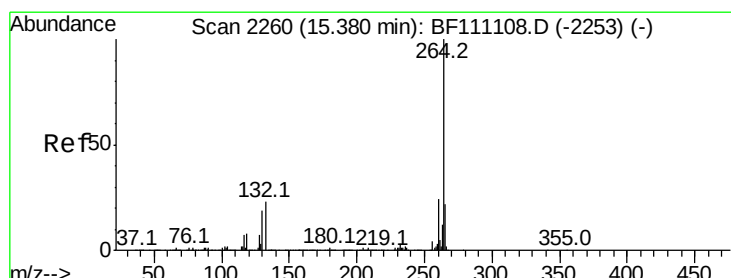
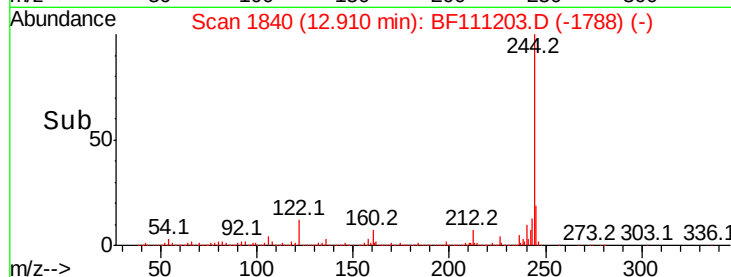
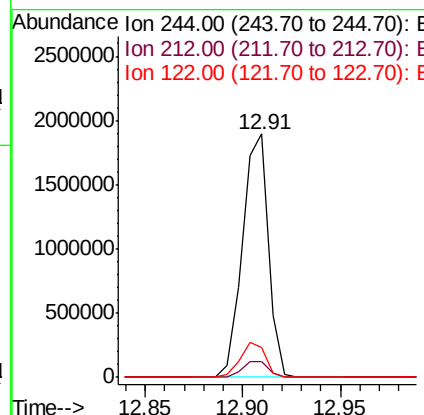
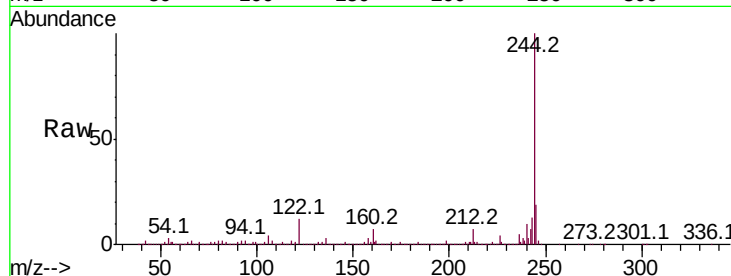


#79
 Terphenyl-d14
 Concen: 31.612 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111203.D
 Acq: 7 Dec 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1741362

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.6	9.8
122	12.2	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: BF111203.D
 Acq: 7 Dec 2018 22:44

Tgt Ion:264 Resp: 917482

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.8	17.4	26.0

