

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110767.D
 Acq On : 14 Nov 2018 16:33
 Operator : JU/SJ
 Sample : J5930-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 32727-45914-21716

Quant Time: Nov 14 17:37:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

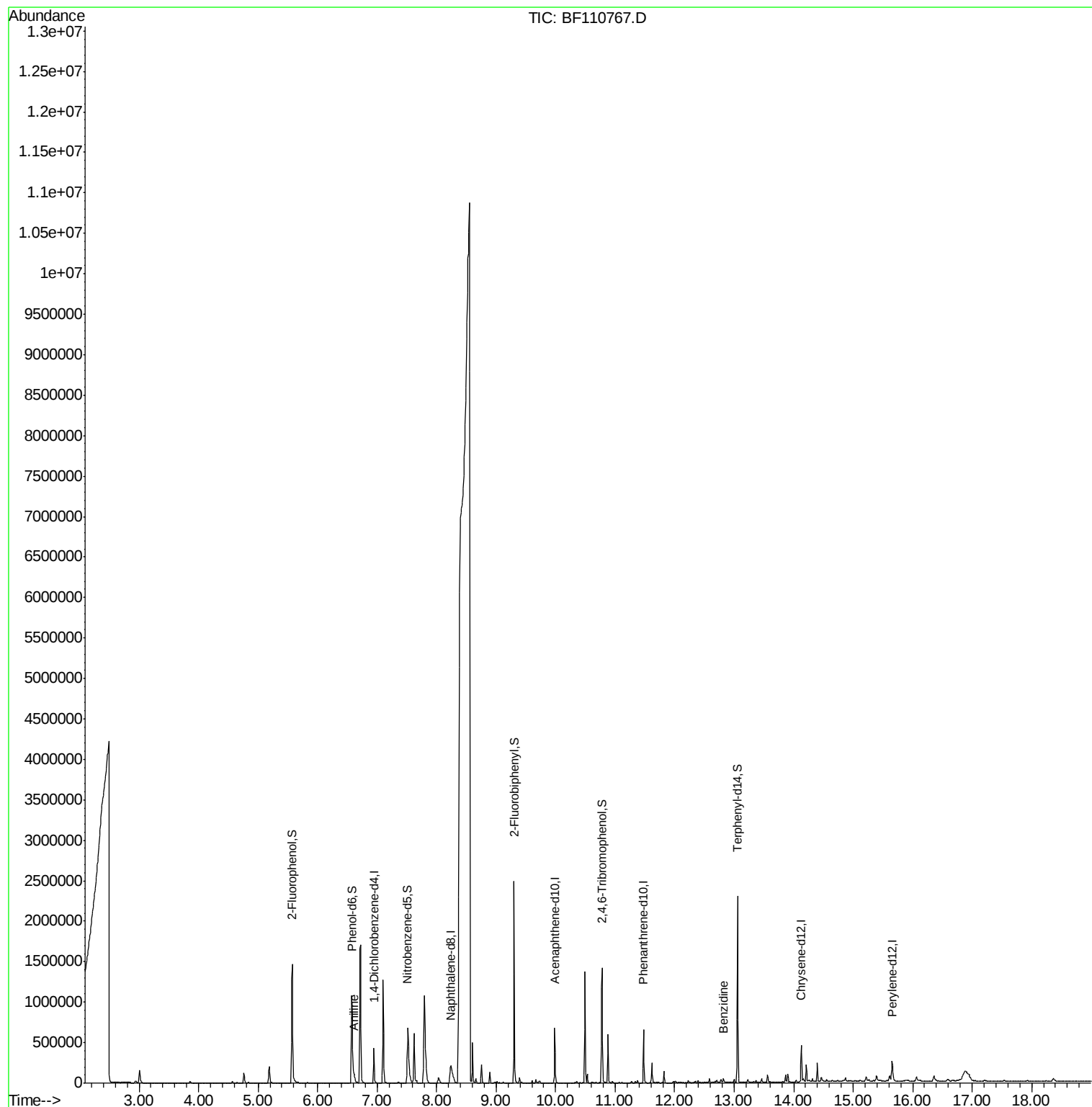
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72447	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	301603	20.00	ng	0.01
39) Acenaphthene-d10	9.99	164	132778	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	265282	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162805	20.00	ng	-0.01
87) Perylene-d12	15.66	264	139490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	467580	104.83	ng	0.01
7) Phenol-d6	6.57	99	539786	94.64	ng	0.00
23) Nitrobenzene-d5	7.52	82	427847	81.70	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	165981	124.06	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	720676	77.52	ng	0.00
79) Terphenyl-d14	13.06	244	752682	86.58	ng	0.00
Target Compounds						
6) Aniline	6.62	93	23709	3.188	ng	Qvalue # 56
77) Benzidine	12.82	184	27404	6.121	ng	98

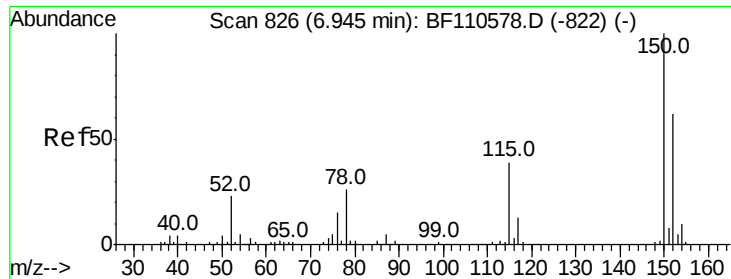
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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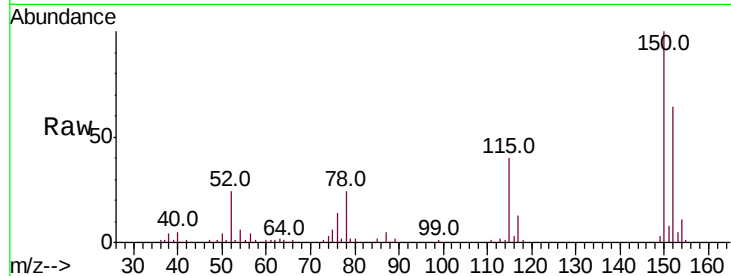


#1

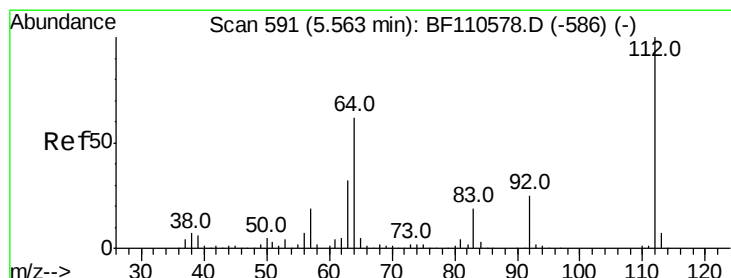
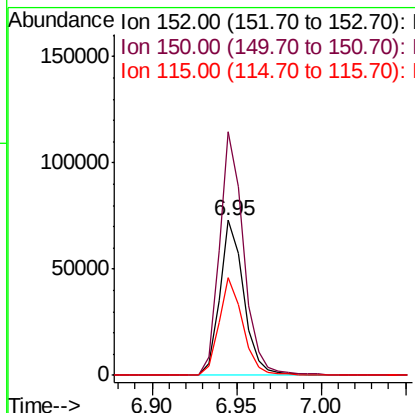
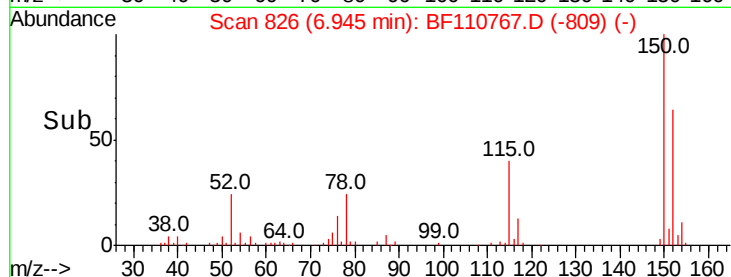
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion:152 Resp: 72447
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 63.3 49.1 73.7



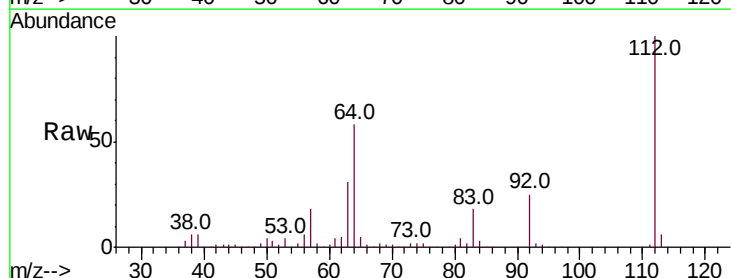
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



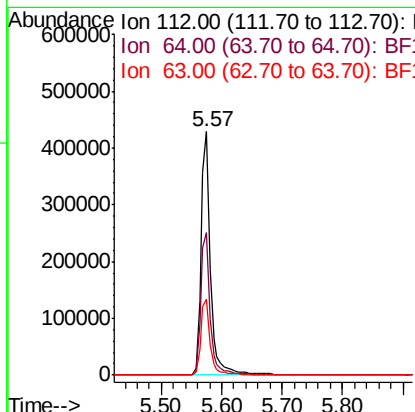
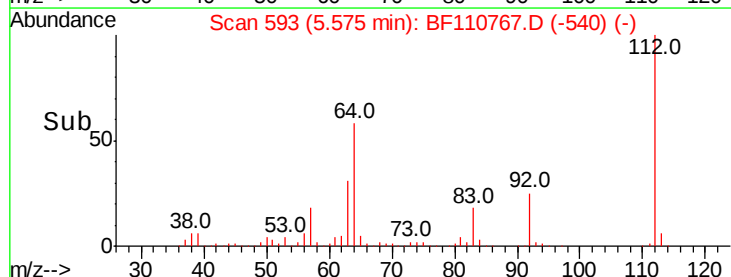
#5

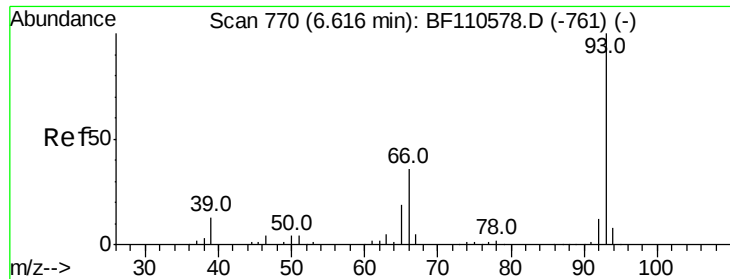
2-Fluorophenol
Concen: 104.835 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:112 Resp: 467580
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 31.1 23.7 35.5



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





#6

Aniline

Concen: 3.188 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF110767.D

Acq: 14 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

32727-45914-21716

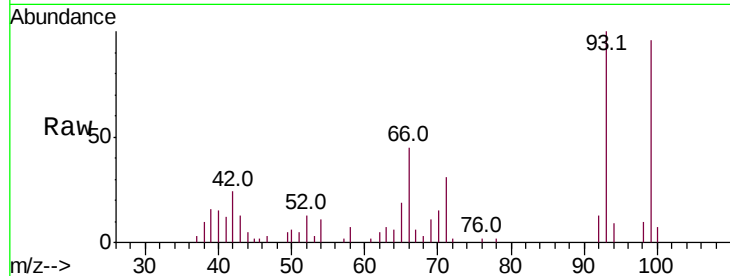
Tot Ion: 93 Resp: 23709

Ion Ratio Lower Upper

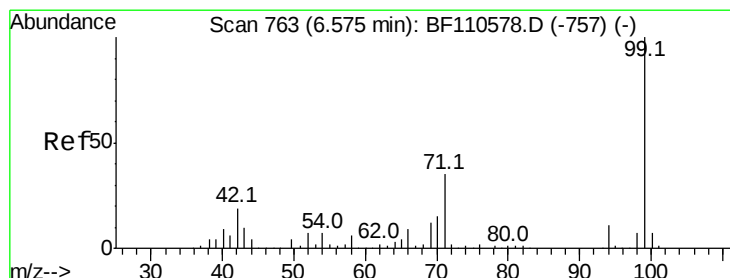
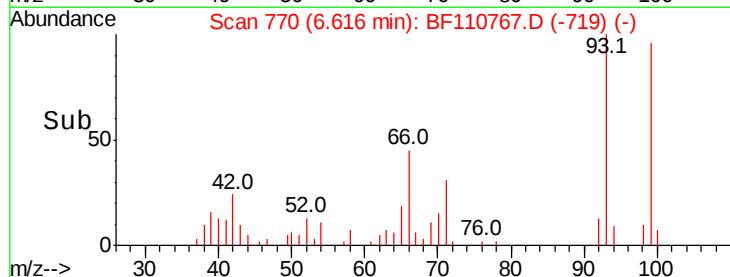
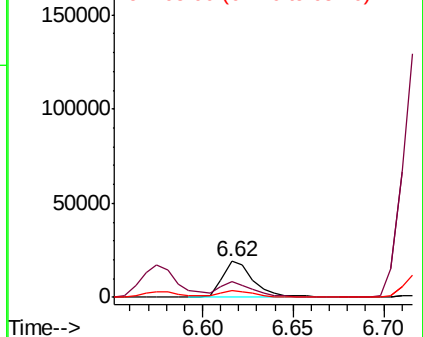
93 100

66 45.4 67.4 101.0#

65 19.3 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 94.642 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110767.D

Acq: 14 Nov 2018 16:33

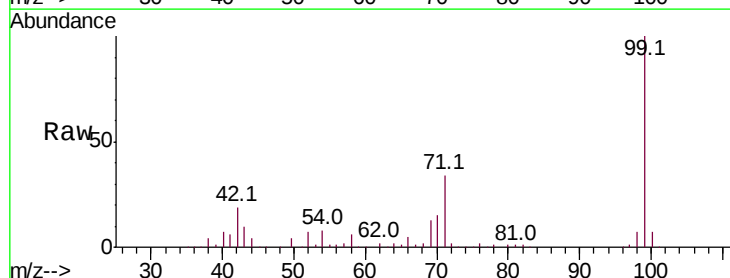
Tgt Ion: 99 Resp: 539786

Ion Ratio Lower Upper

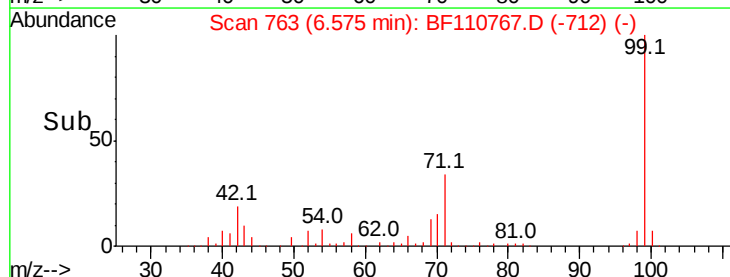
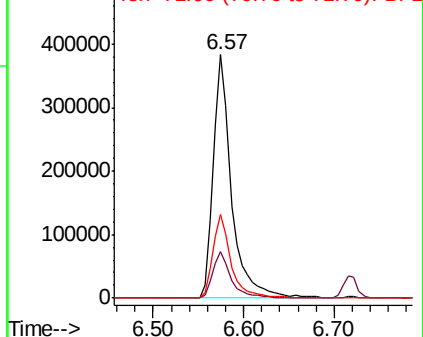
99 100

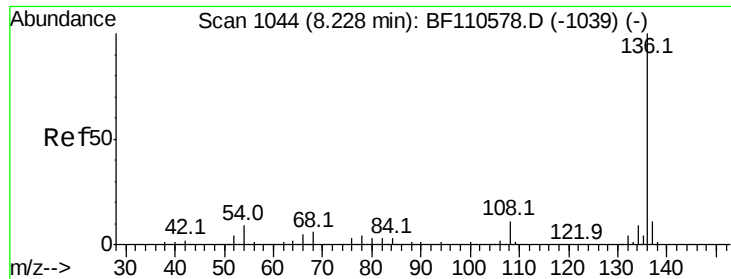
42 19.3 15.8 23.6

71 34.2 28.0 42.0



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

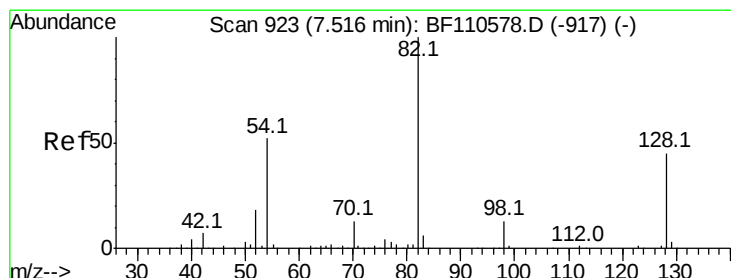
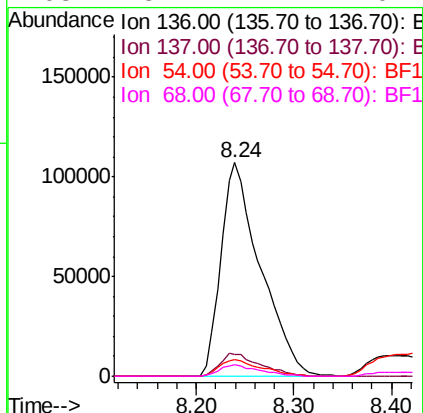
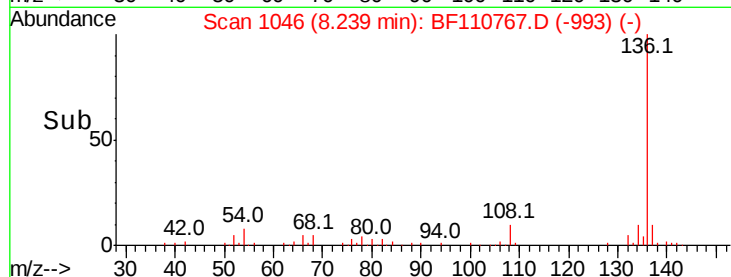
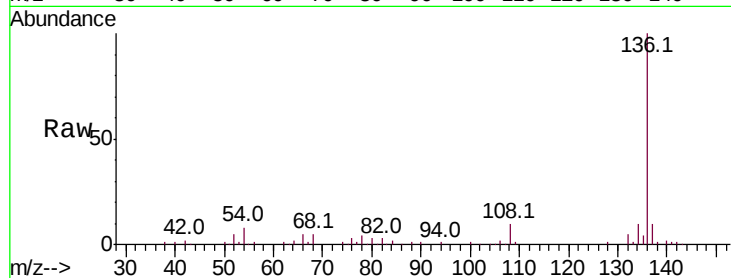




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

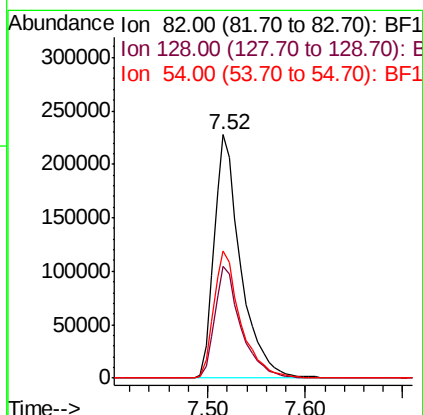
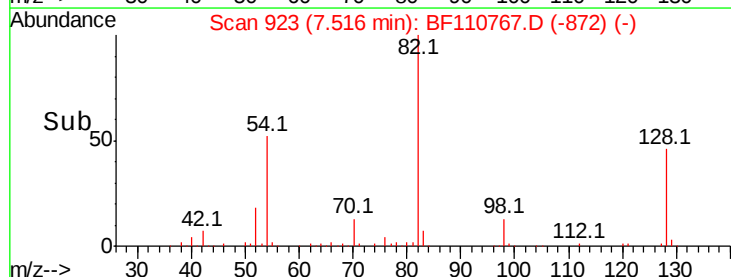
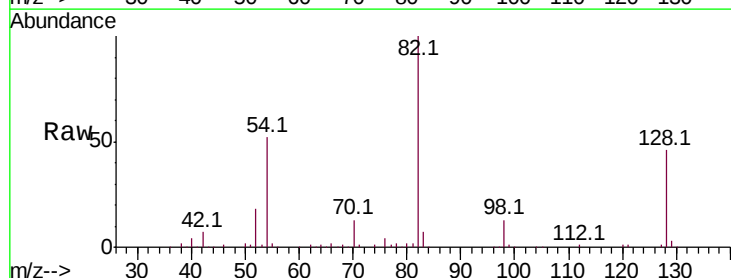
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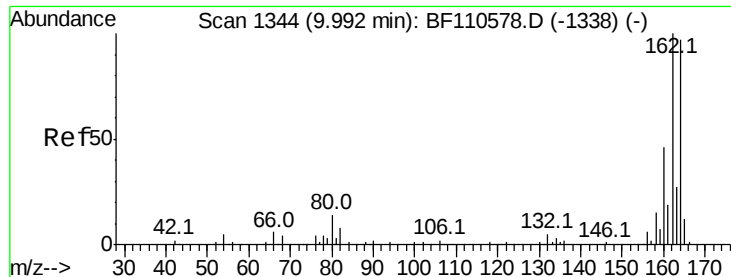
Tot Ion:136	Resp:	301603
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.8 13.2
54	8.1	5.4 8.2
68	5.1	4.2 6.2



#23
Nitrobenzene-d5
Concen: 81.695 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 82	Resp:	427847
Ion	Ratio	Lower Upper
82	100	
128	45.7	34.2 51.2
54	52.3	38.6 58.0

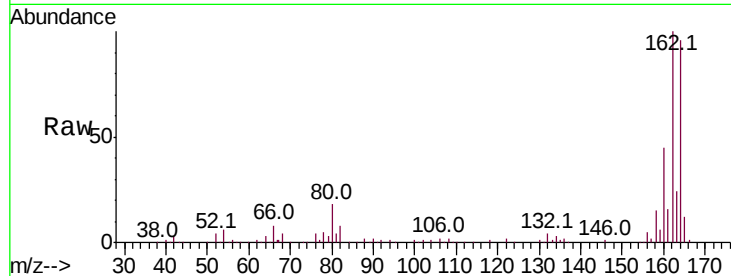




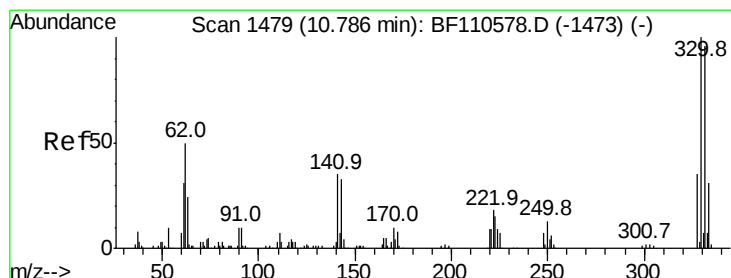
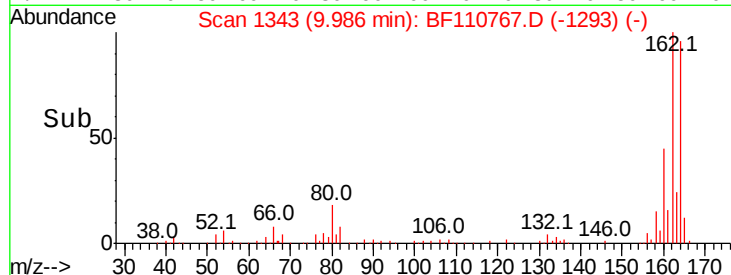
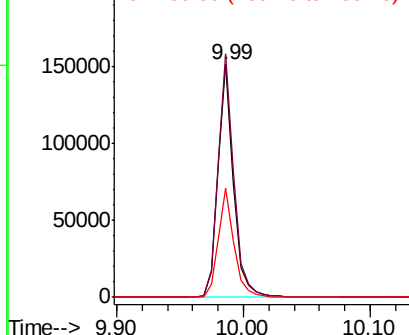
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion:164 Resp: 132778
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.6
160 46.8 37.0 55.6

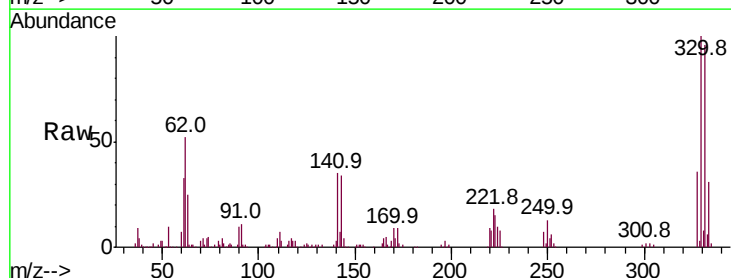


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

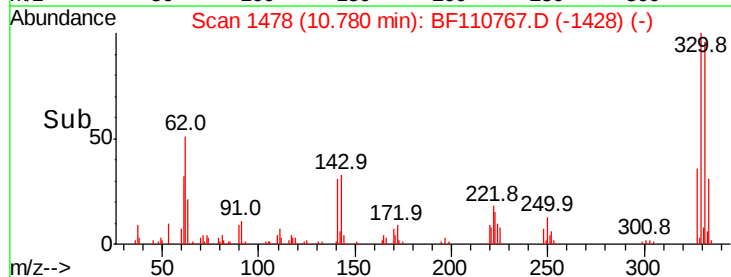
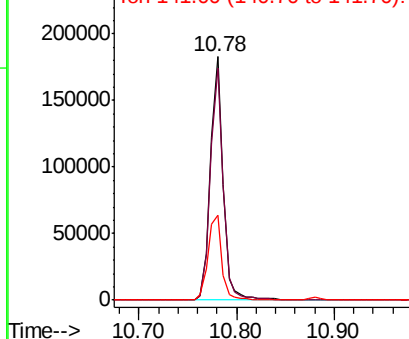


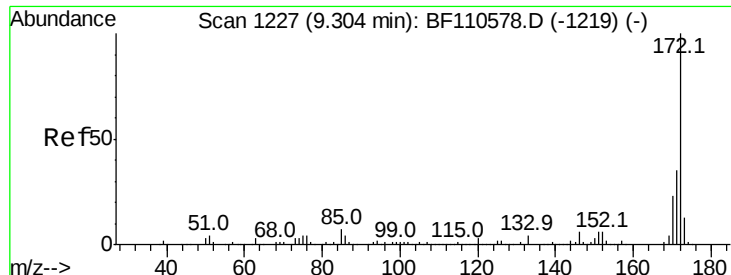
#42
2,4,6-Tribromophenol
Concen: 124.060 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:330 Resp: 165981
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 37.7 27.0 40.4



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



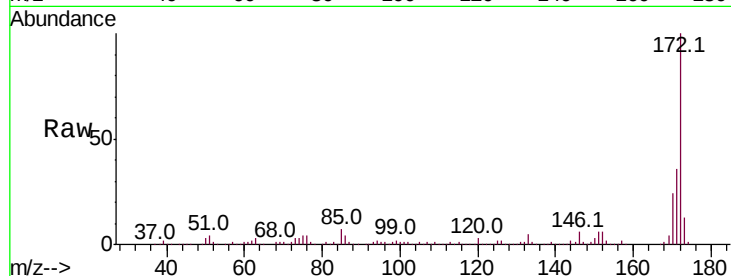


#45
 2-Fluorobiphenyl
 Concen: 77.517 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF110767.D
 Acq: 14 Nov 2018 16:33

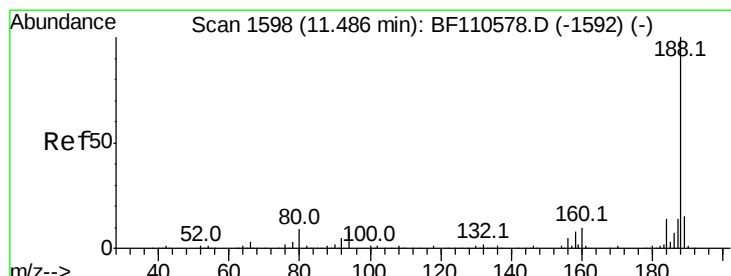
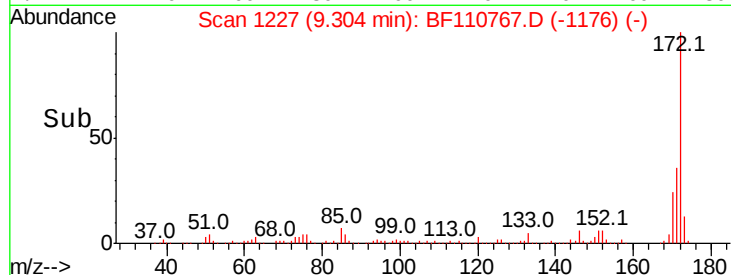
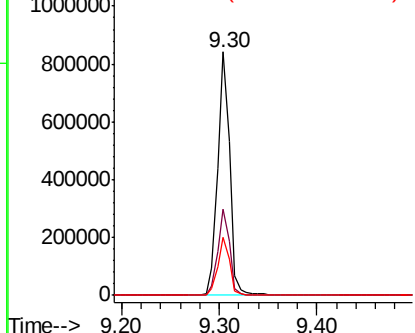
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Tot Ion:172 Resp: 720676

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.7	29.5



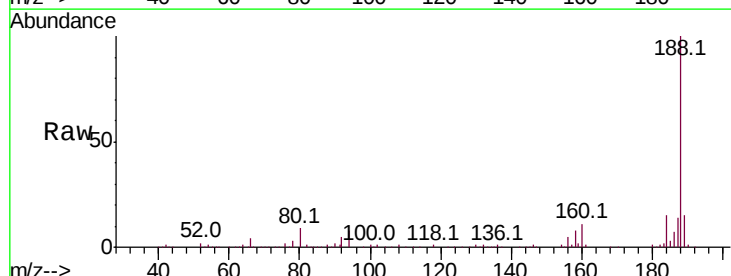
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



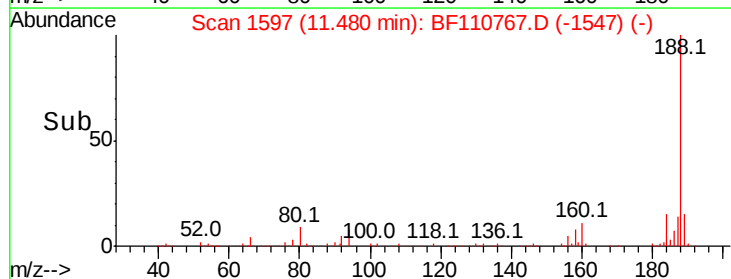
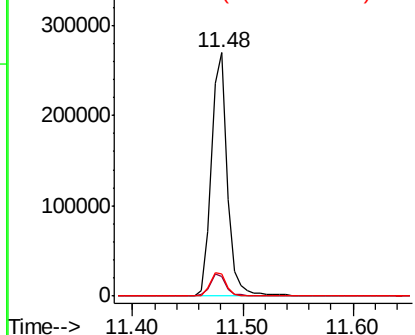
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110767.D
 Acq: 14 Nov 2018 16:33

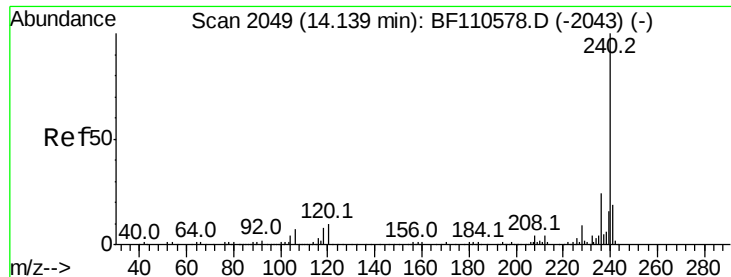
Tgt Ion:188 Resp: 265282

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.3	7.9	11.9



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

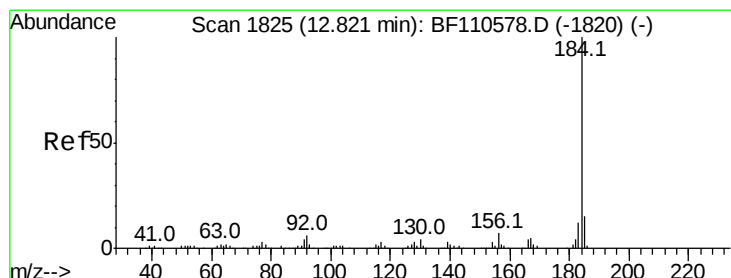
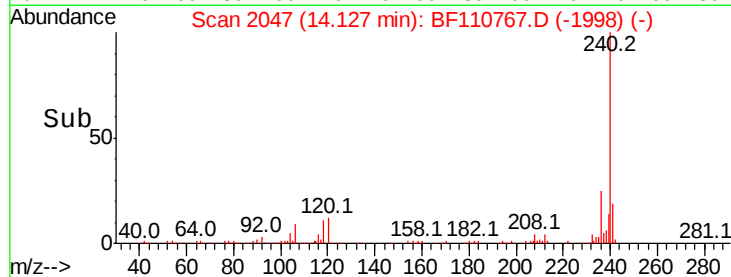
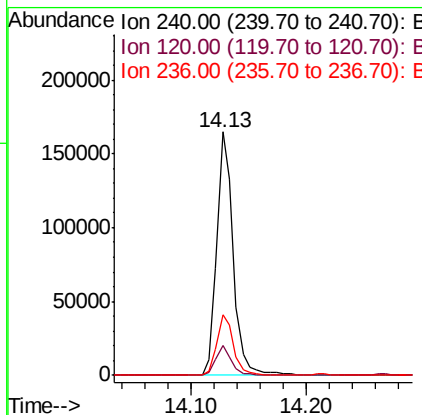
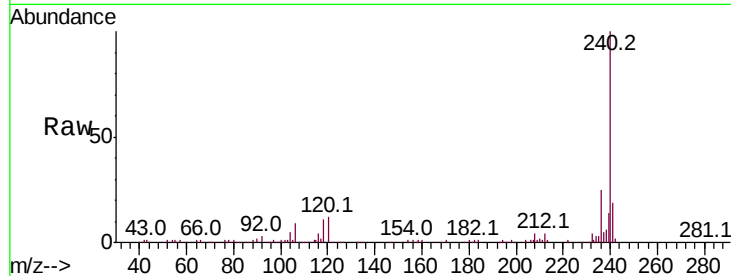




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110767.D
 Acq: 14 Nov 2018 16:33

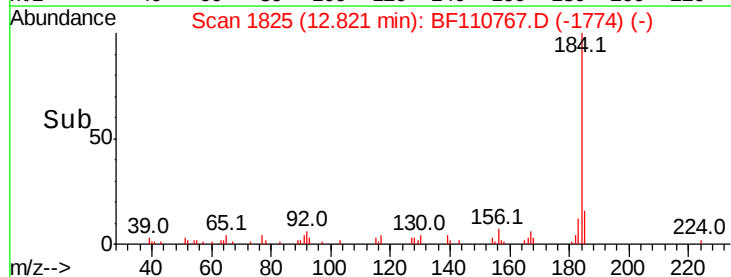
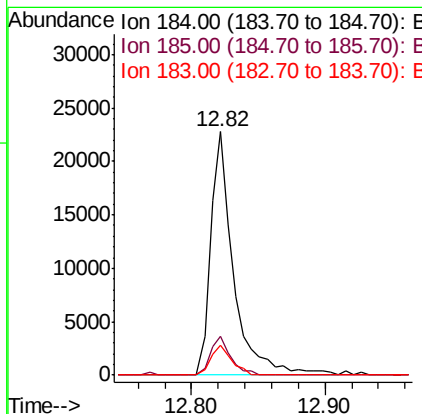
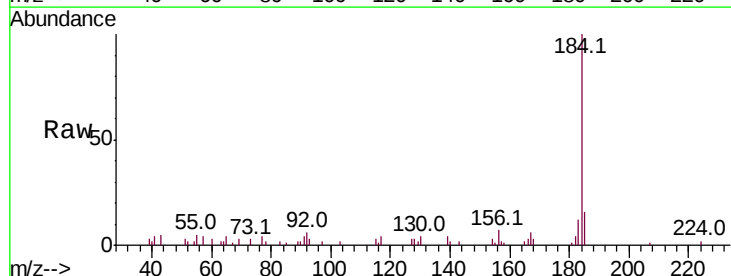
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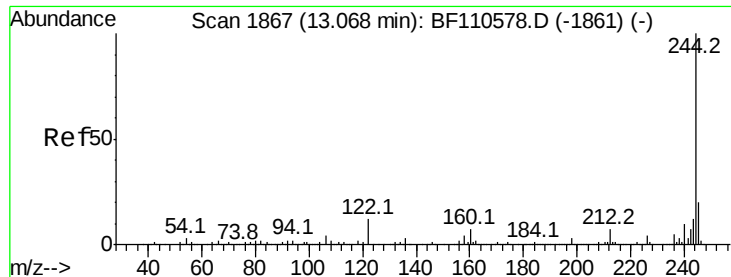
Tot Ion:240 Resp: 162805
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 24.7 21.2 31.8



#77
 Benzidine
 Concen: 6.121 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF110767.D
 Acq: 14 Nov 2018 16:33

Tgt Ion:184 Resp: 27404
 Ion Ratio Lower Upper
 184 100
 185 16.0 13.4 20.2
 183 12.3 9.4 14.2

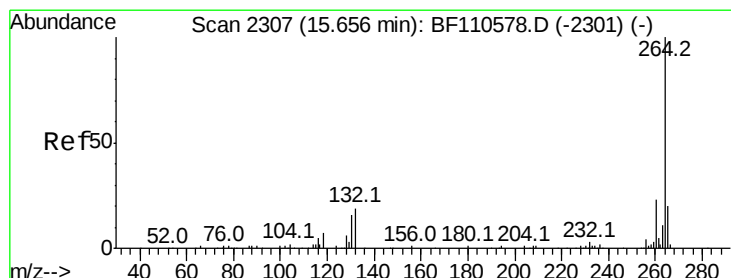
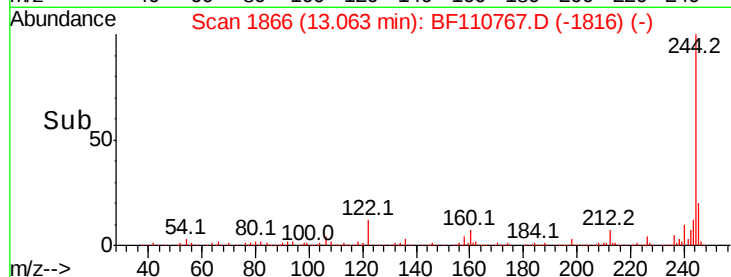
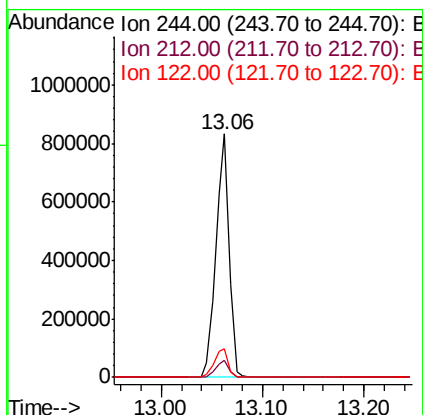
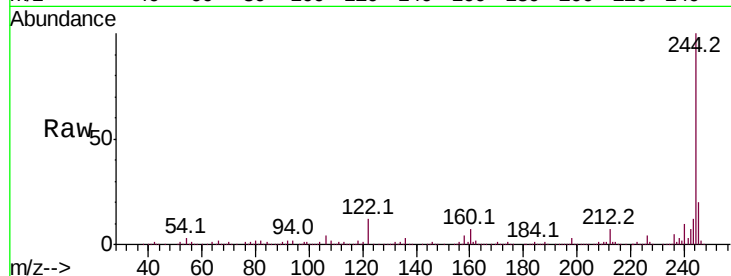




#79
 Terphenyl-d14
 Concen: 86.582 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110767.D
 Acq: 14 Nov 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :
 32727-45914-21716

Tot Ion:244 Resp: 752682
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.5 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110767.D
 Acq: 14 Nov 2018 16:33

Tgt Ion:264 Resp: 139490
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 22.0 16.7 25.1

