

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110638.D
 Acq On : 9 Nov 2018 20:14
 Operator : JU/SJ
 Sample : J5884-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Nov 11 03:44:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

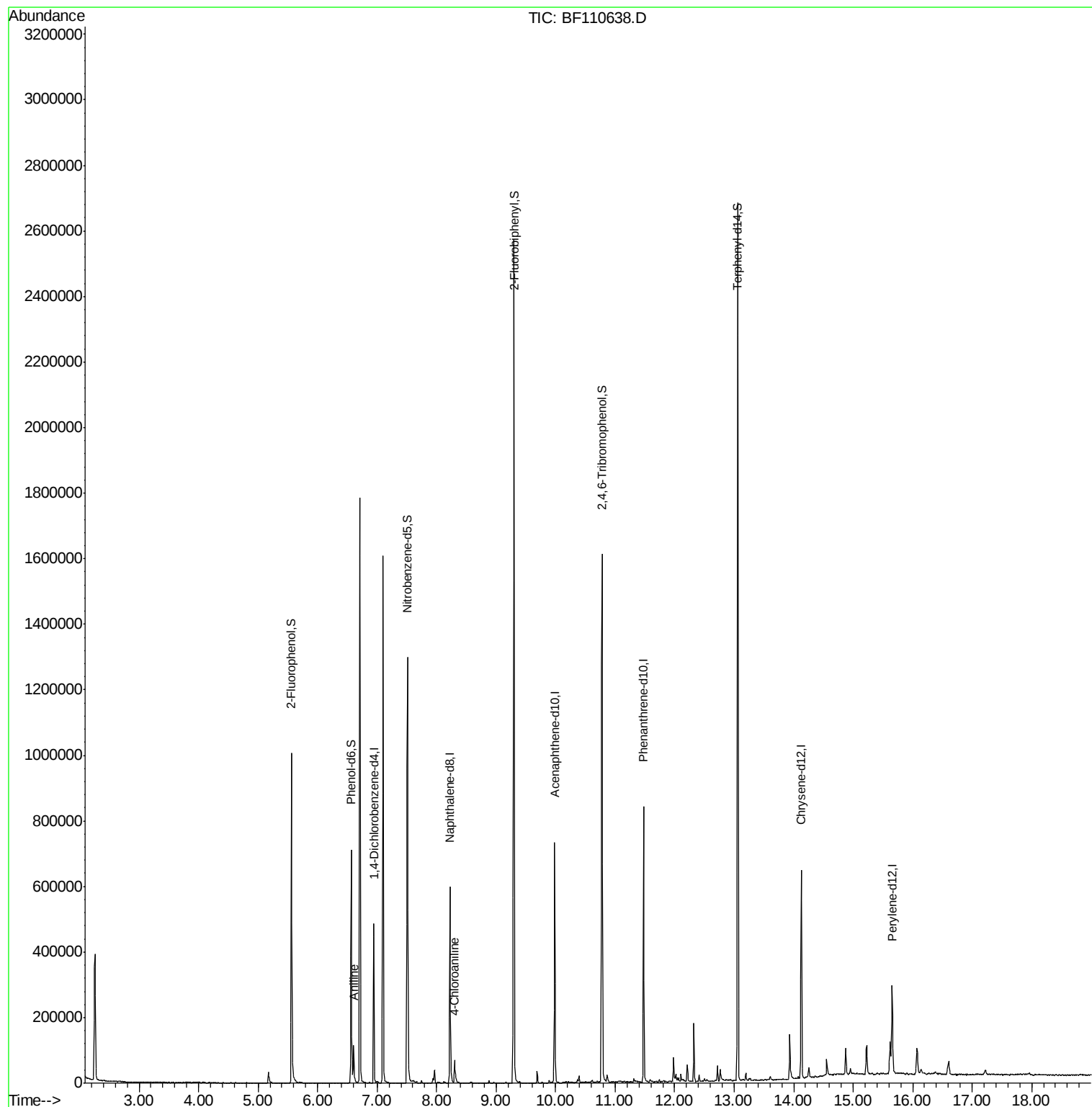
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78506	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	323861	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	159387	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	319098	20.00	ng	0.00
76) Chrysene-d12	14.13	240	225056	20.00	ng	-0.01
87) Perylene-d12	15.66	264	140169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	285116	58.99	ng	0.00
7) Phenol-d6	6.56	99	234848	38.00	ng	-0.01
23) Nitrobenzene-d5	7.51	82	443796	78.92	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	193041	120.20	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	818677	73.36	ng	0.00
79) Terphenyl-d14	13.06	244	960576	79.93	ng	0.00
Target Compounds						
6) Aniline	6.60	93	40520	5.027	ng	Qvalue # 54
33) 4-Chloroaniline	8.30	127	31004	4.502	ng	99

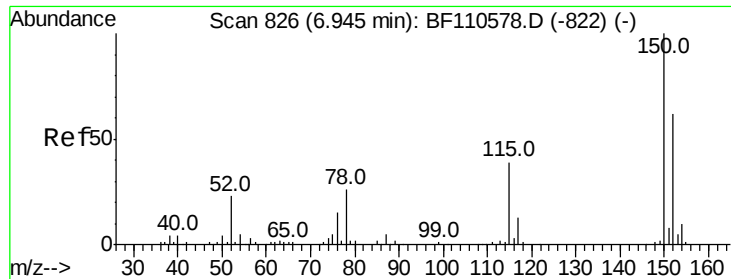
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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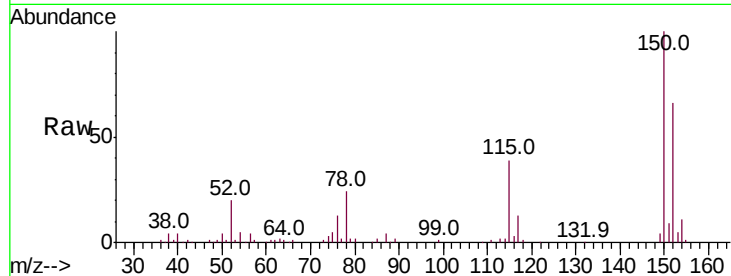


#1

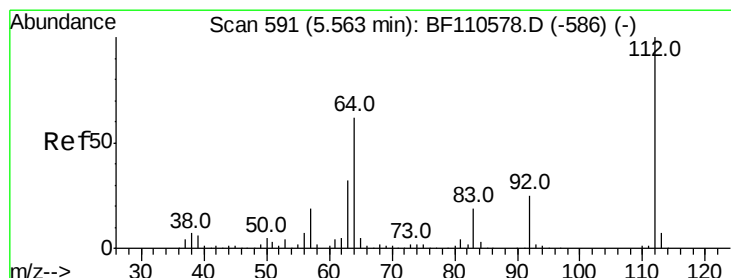
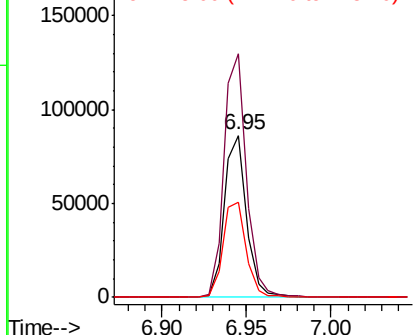
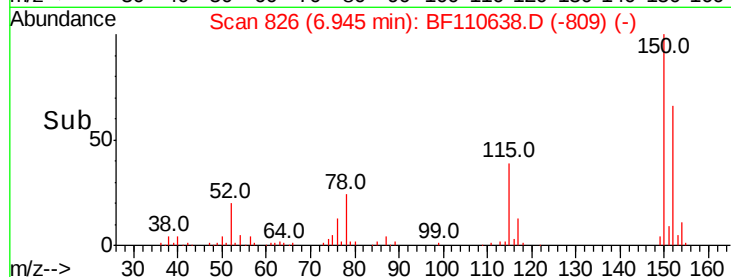
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110638.D
Acq: 9 Nov 2018 20:14

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 78506
Ion Ratio Lower Upper
152 100
150 150.4 122.7 184.1
115 58.4 49.1 73.7



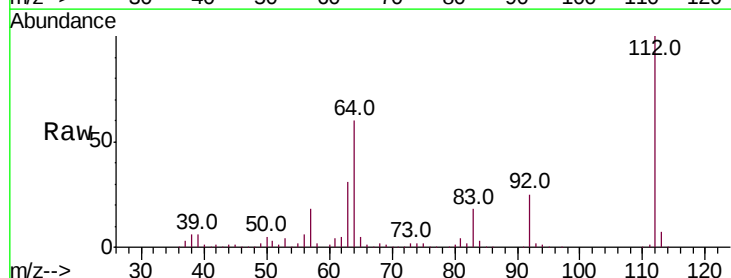
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



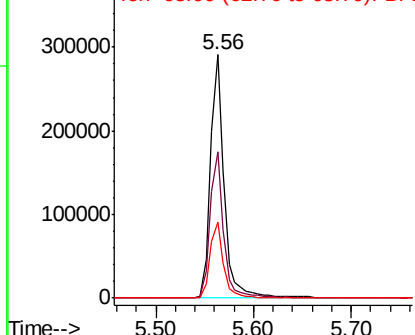
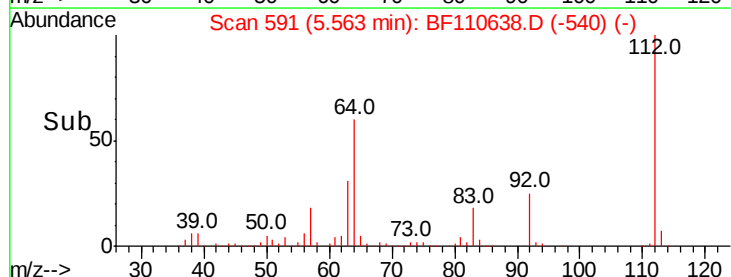
#5

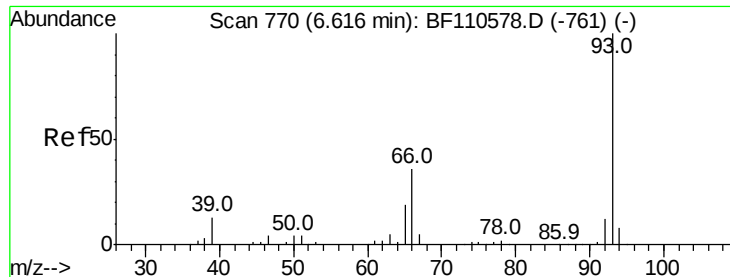
2-Fluorophenol
Concen: 58.991 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110638.D
Acq: 9 Nov 2018 20:14

Tgt Ion:112 Resp: 285116
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 31.4 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: 5.027 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110638.D

Acq: 9 Nov 2018 20:14

Instrument :

BNA_F

ClientSampleId :

TP-7

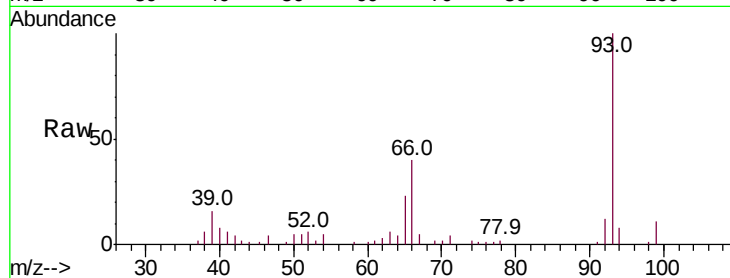
Tot Ion: 93 Resp: 40520

Ion Ratio Lower Upper

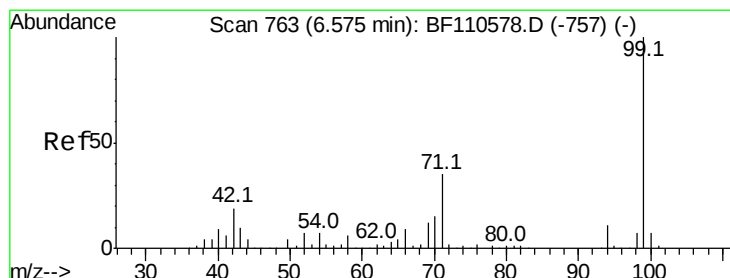
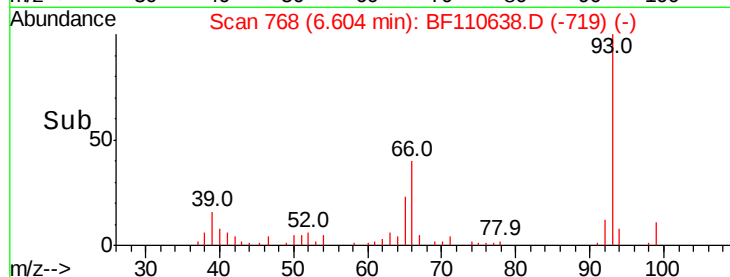
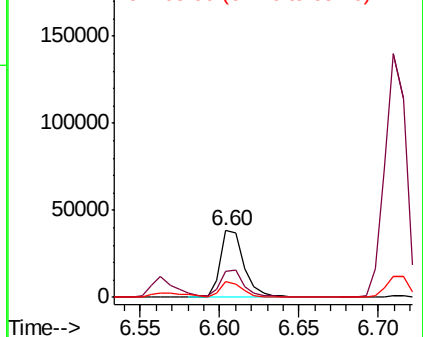
93 100

66 39.9 67.4 101.0#

65 23.0 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: 37.998 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110638.D

Acq: 9 Nov 2018 20:14

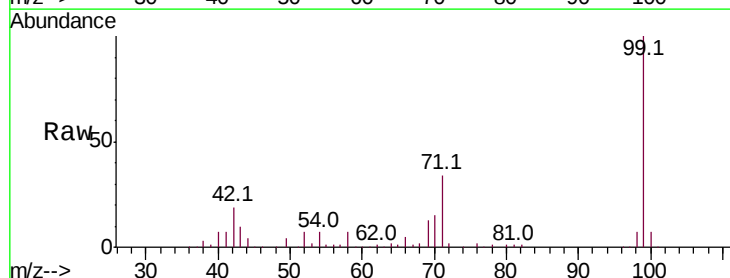
Tgt Ion: 99 Resp: 234848

Ion Ratio Lower Upper

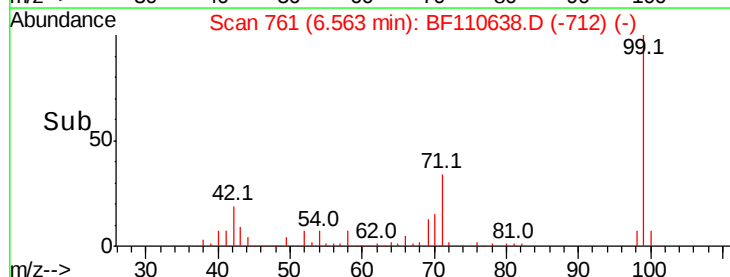
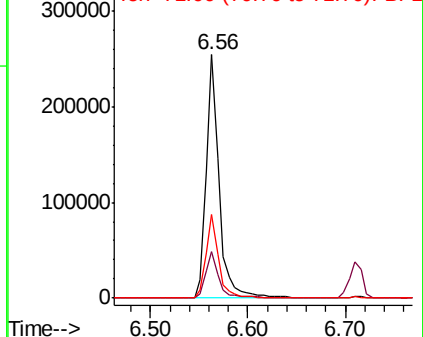
99 100

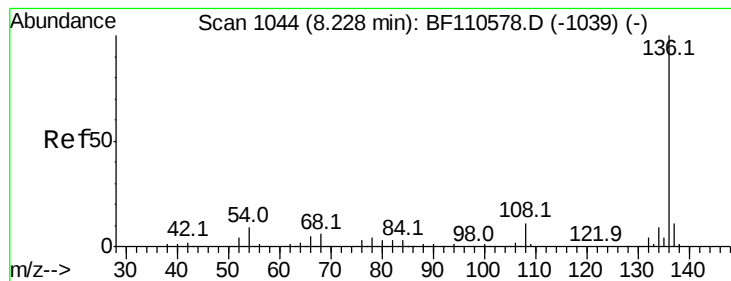
42 19.3 15.8 23.6

71 34.3 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: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF110638.D

Acq: 9 Nov 2018 20:14

Instrument :

BNA_F

ClientSampleId :

TP-7

Tot Ion:136 Resp: 323861

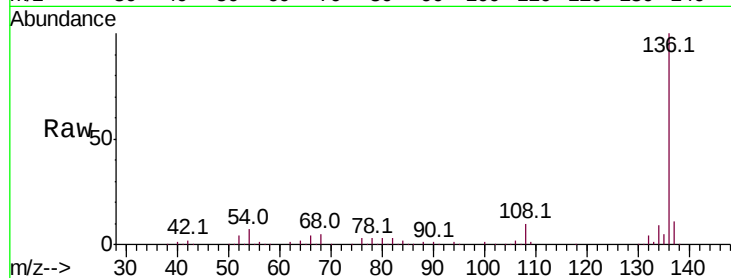
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.0 5.4 8.2

68 4.8 4.2 6.2

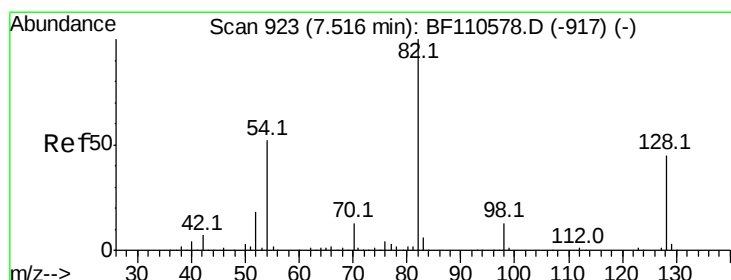
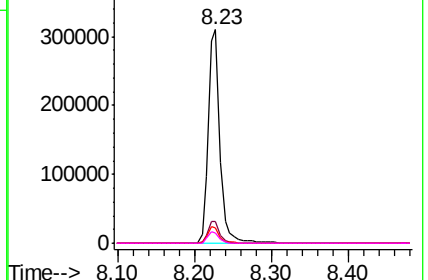
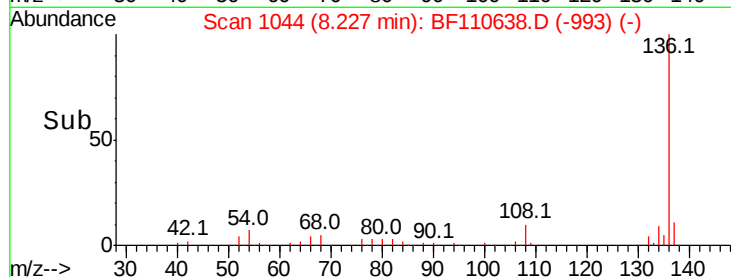


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.917 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110638.D

Acq: 9 Nov 2018 20:14

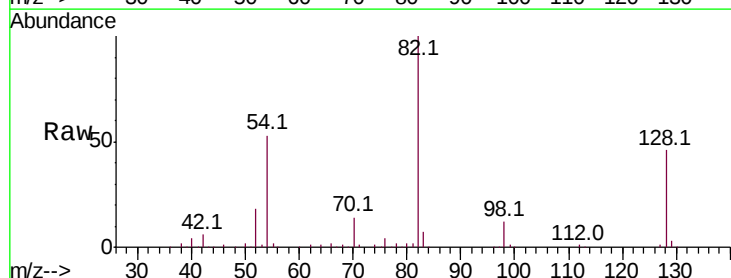
Tgt Ion: 82 Resp: 443796

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.2

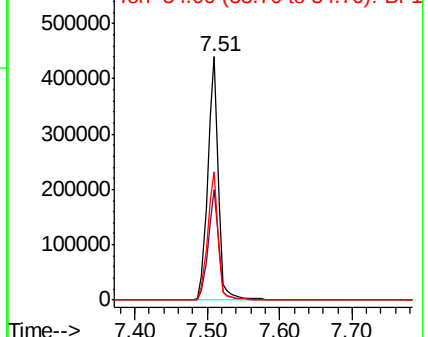
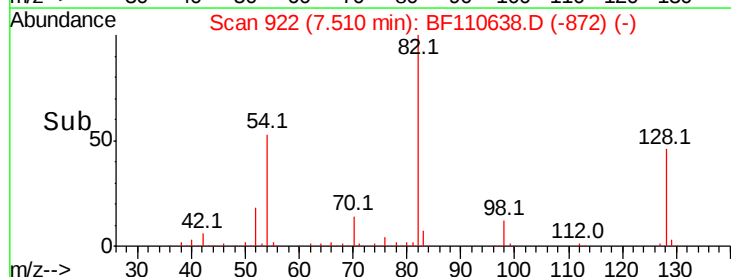
54 53.0 38.6 58.0

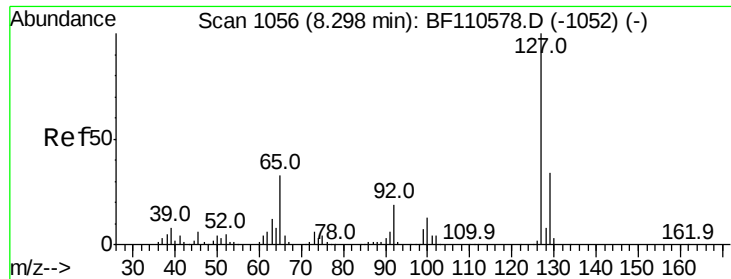


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

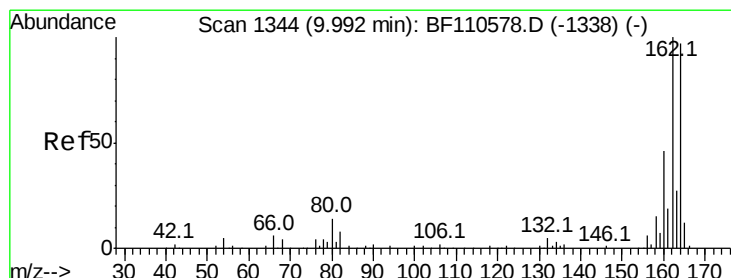
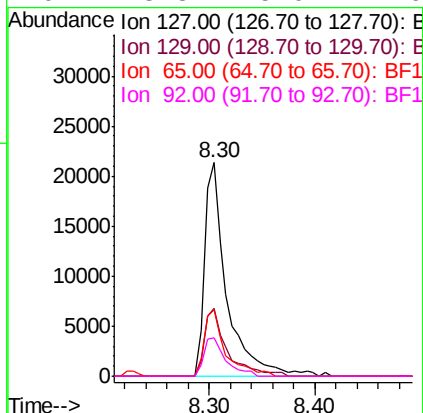
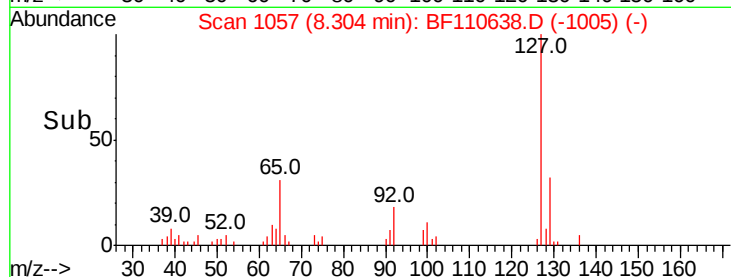
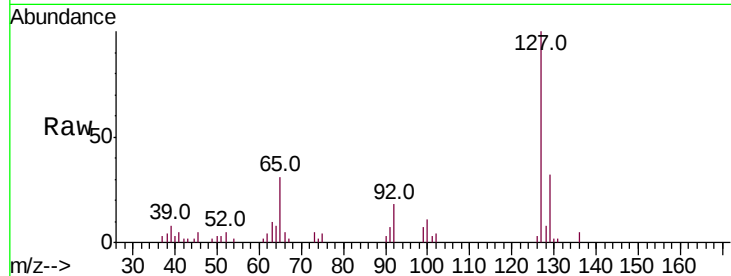




#33
4-Chloroaniline
Concen: 4.502 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110638.D
Acq: 9 Nov 2018 20:14

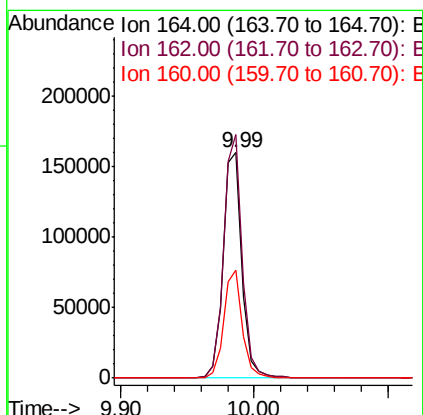
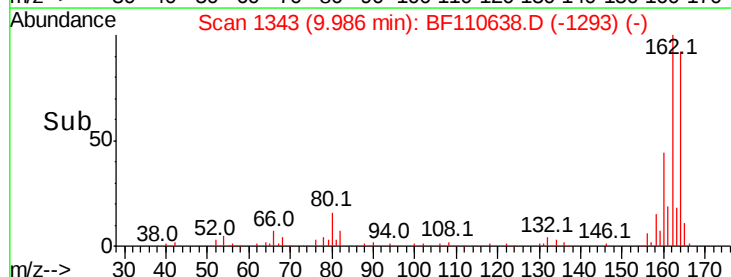
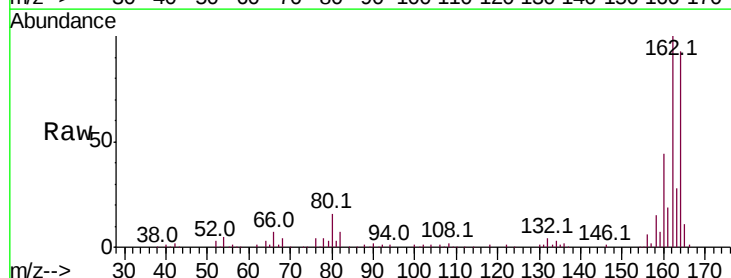
Instrument :
BNA_F
ClientSampleId :
TP-7

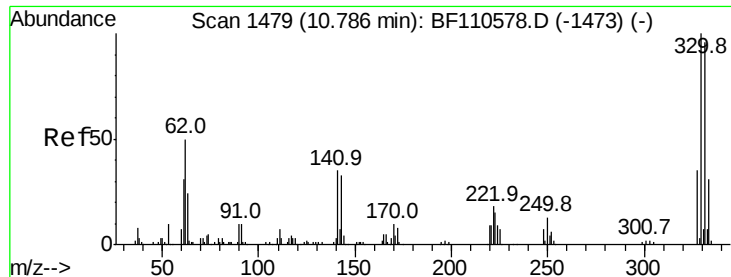
Tot Ion:	127	Resp:	31004
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	31.2	25.1	37.7
92	18.3	15.0	22.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110638.D
Acq: 9 Nov 2018 20:14

Tgt Ion:	164	Resp:	159387
Ion	Ratio	Lower	Upper
164	100		
162	108.0	83.0	124.6
160	47.7	37.0	55.6

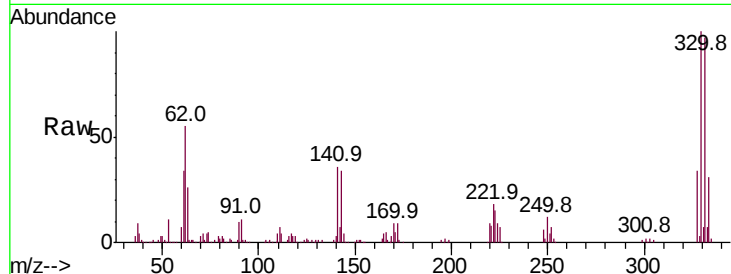




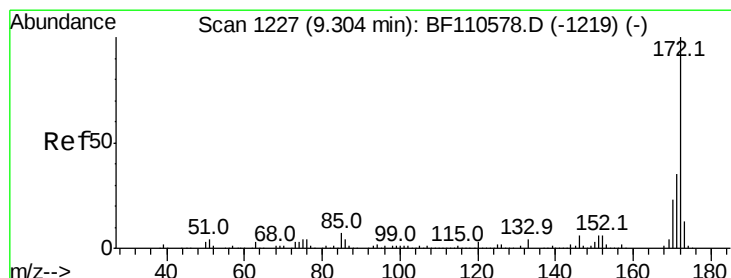
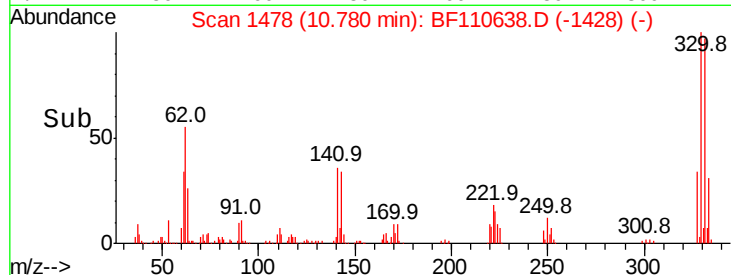
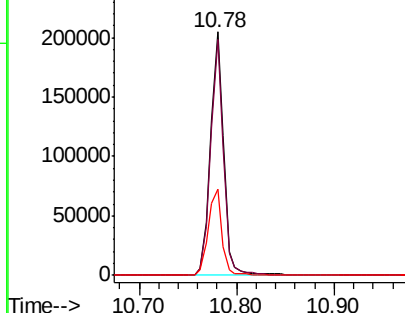
#42
 2,4,6-Tribromophenol
 Concen: 120.198 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110638.D
 Acq: 9 Nov 2018 20:14

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion:330 Resp: 193041
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.1 115.7
 141 37.0 27.0 40.4

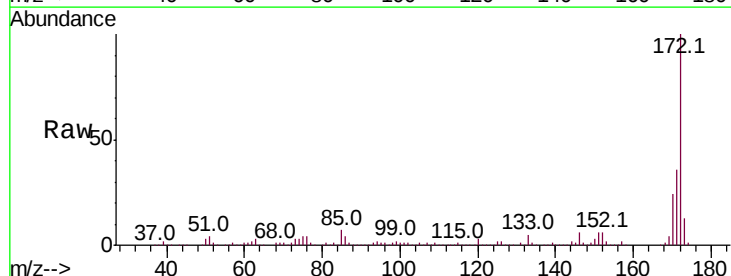


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

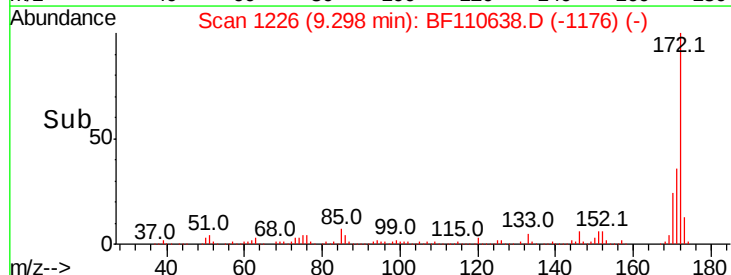
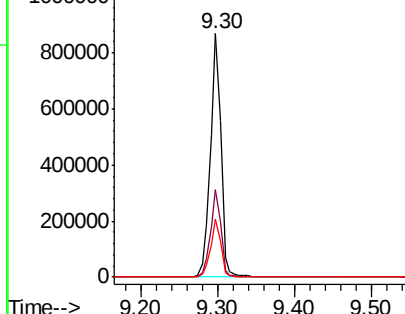


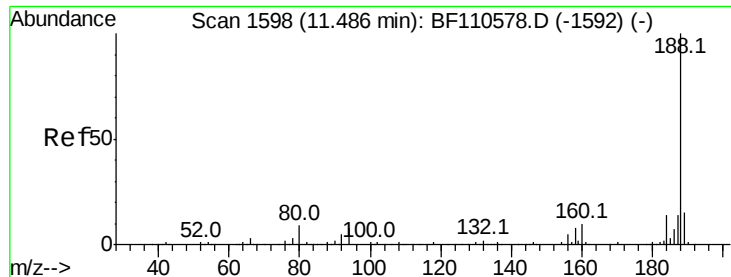
#45
 2-Fluorobiphenyl
 Concen: 73.357 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110638.D
 Acq: 9 Nov 2018 20:14

Tgt Ion:172 Resp: 818677
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.6 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

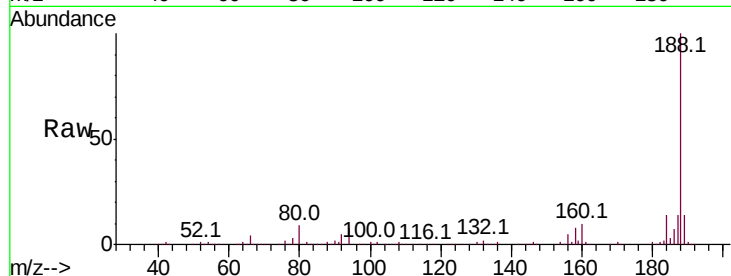




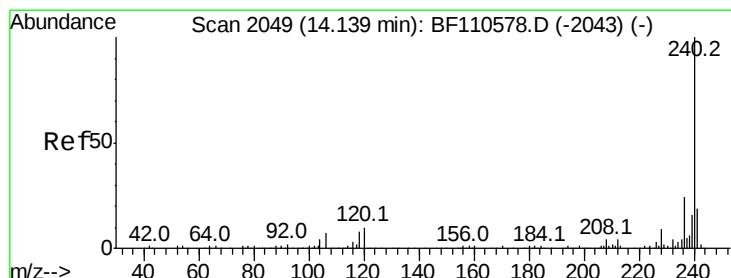
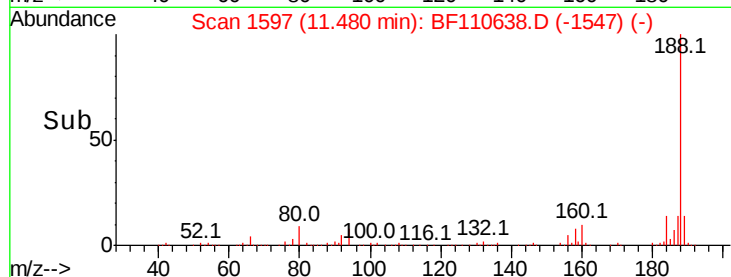
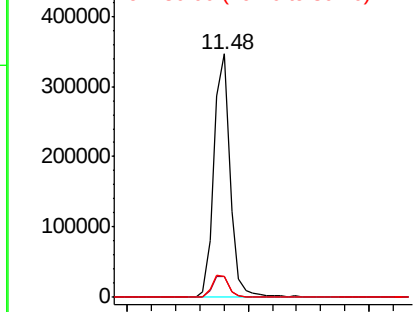
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110638.D
Acq: 9 Nov 2018 20:14

Instrument :
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ClientSampleId :
TP-7

Tot Ion:188 Resp: 319098
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.6 7.9 11.9

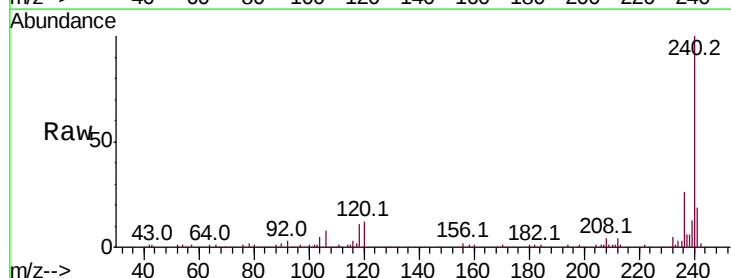


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

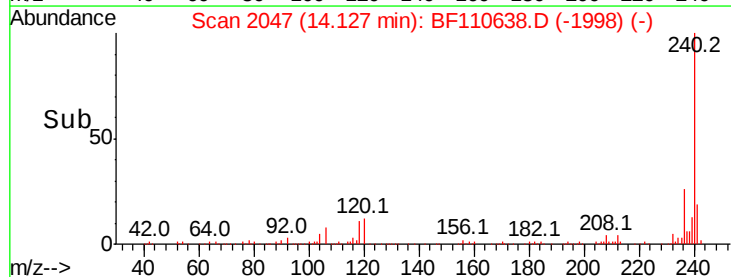
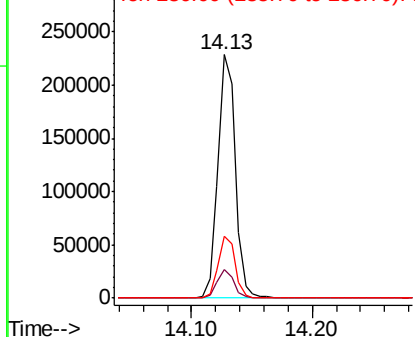


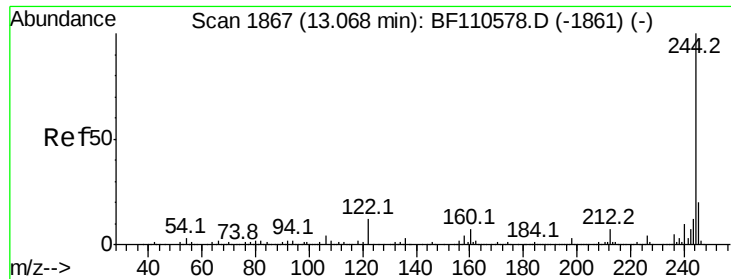
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110638.D
Acq: 9 Nov 2018 20:14

Tgt Ion:240 Resp: 225056
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.6 21.2 31.8



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

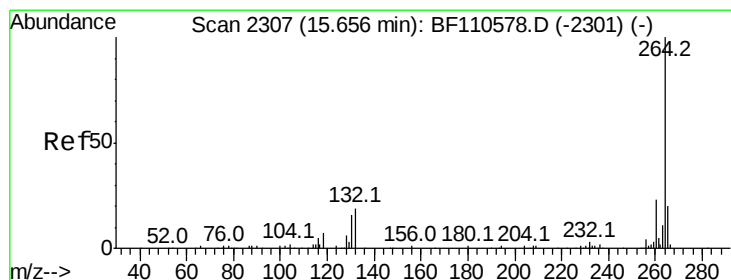
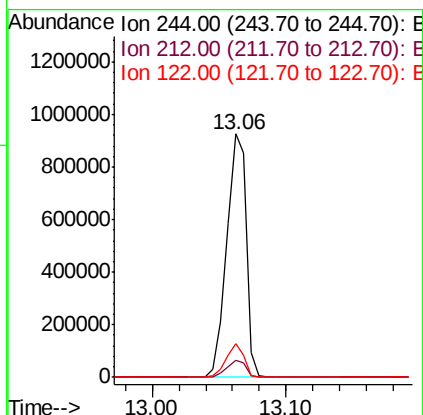
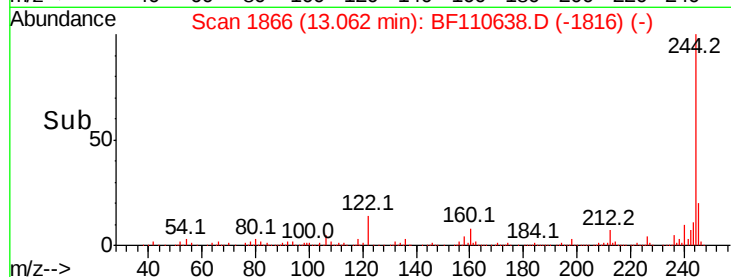
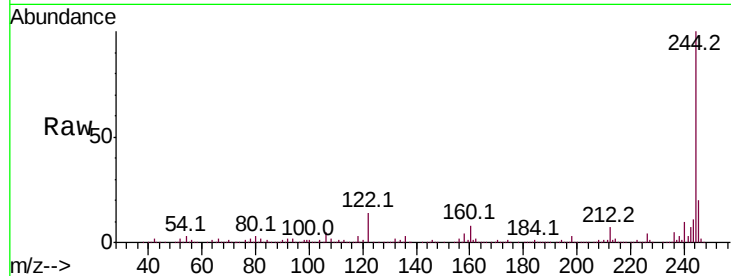




#79
 Terphenyl-d14
 Concen: 79.933 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110638.D
 Acq: 9 Nov 2018 20:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:244 Resp: 960576
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.7 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: BF110638.D
 Acq: 9 Nov 2018 20:14

Tgt Ion:264 Resp: 140169
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 20.3 16.7 25.1

