

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108997.D
 Acq On : 14 Sep 2018 16:22
 Operator : JU/SJ
 Sample : J4891-01 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 18:08:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

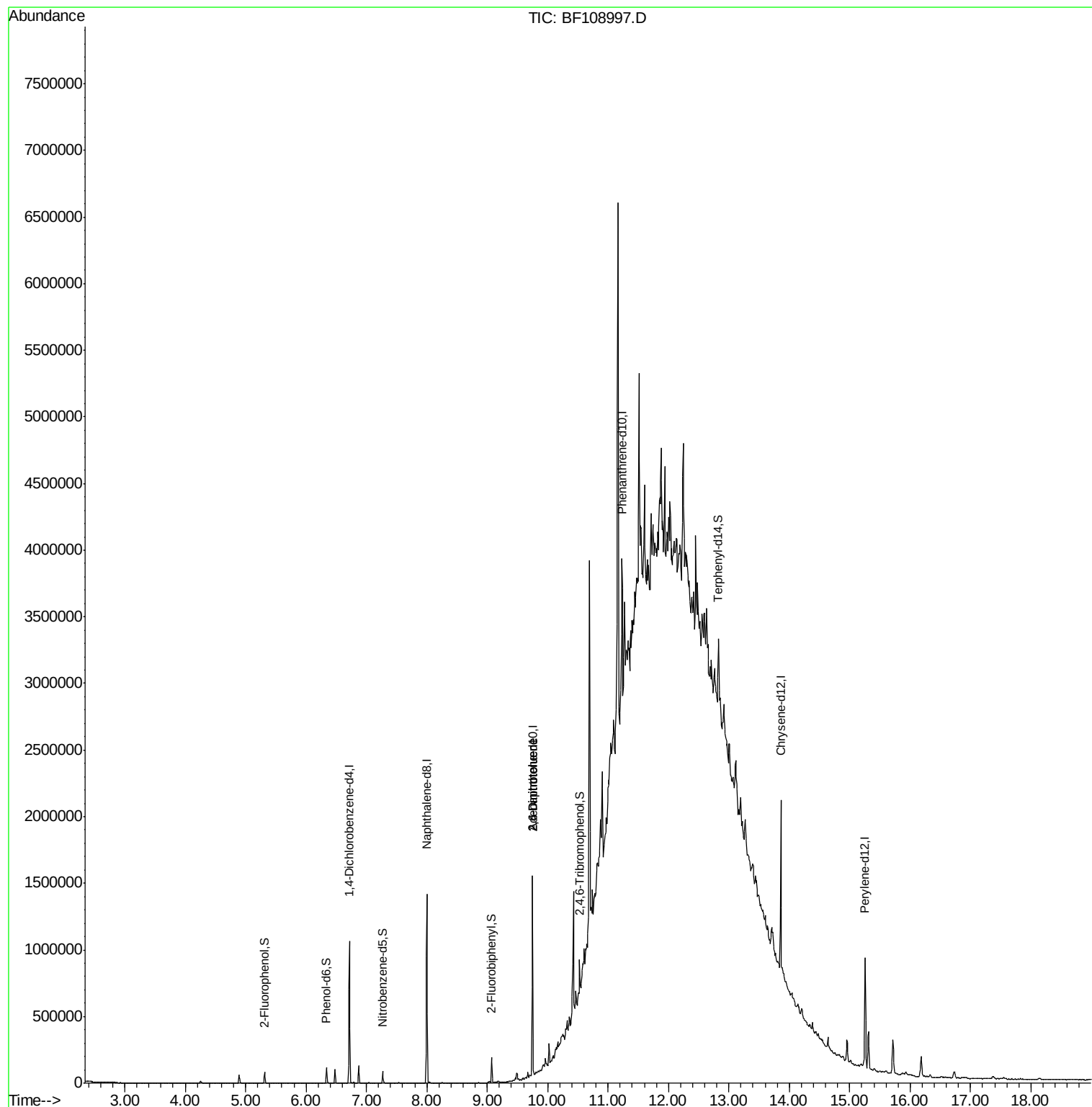
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143036	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570494	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	277844	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	440437	20.00	ng	0.00
75) Chrysene-d12	13.86	240	434137	20.00	ng	0.00
86) Perylene-d12	15.25	264	376474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	21819	2.53	ng	-0.01
7) Phenol-d6	6.34	99	37094	3.34	ng	-0.02
23) Nitrobenzene-d5	7.27	82	25954	2.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	6851	2.27	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	57511	3.24	ng	-0.01
78) Terphenyl-d14	12.82	244	51786	2.83	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.75	165	36274	8.237	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	36274	6.298	ng	# 23

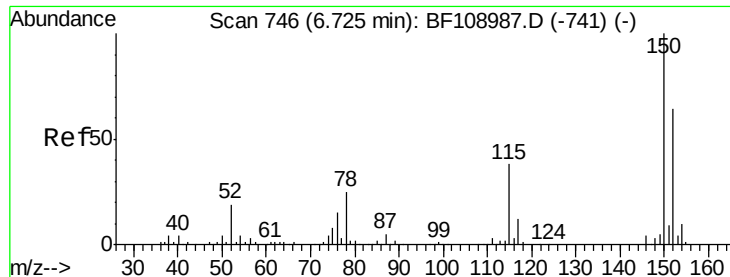
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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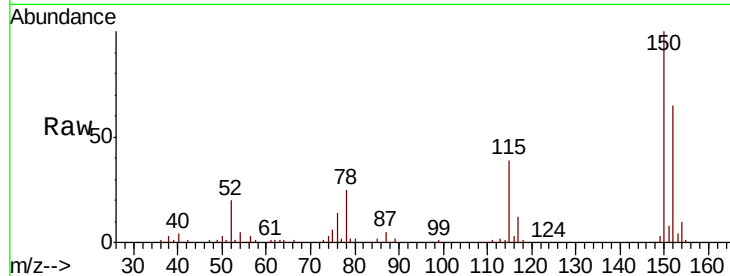


#1

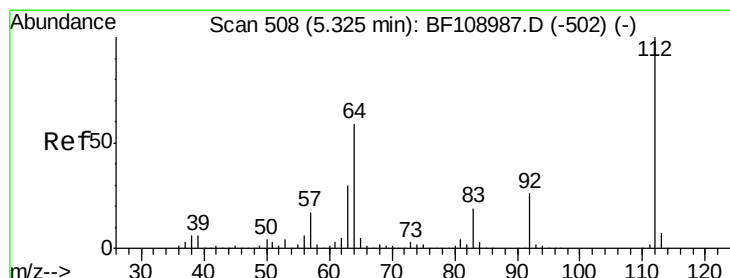
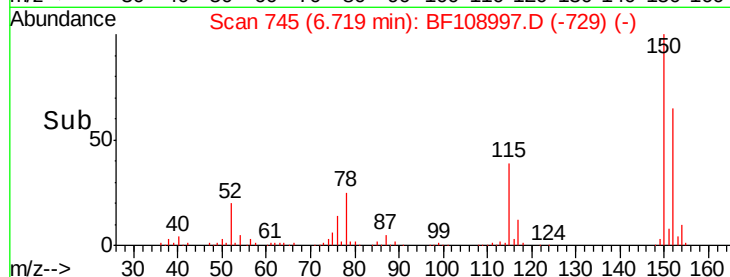
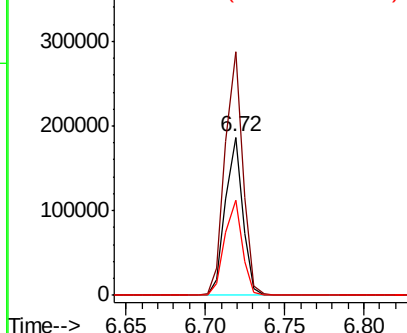
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143036
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 59.9 50.1 75.1



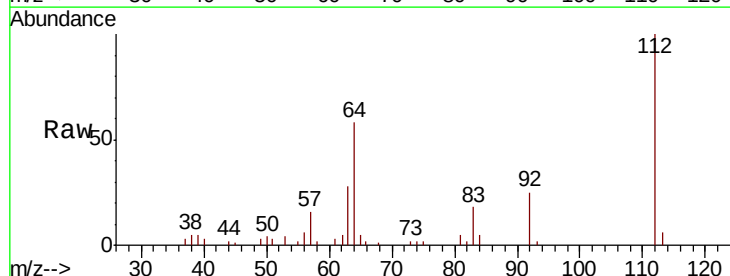
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



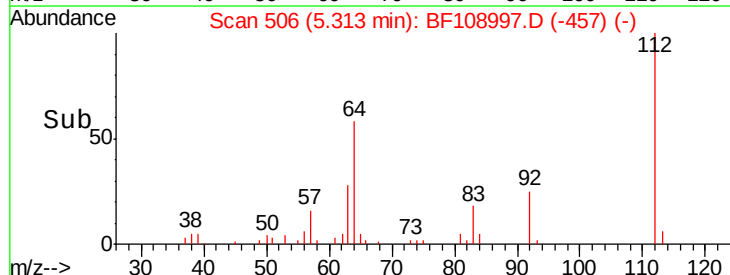
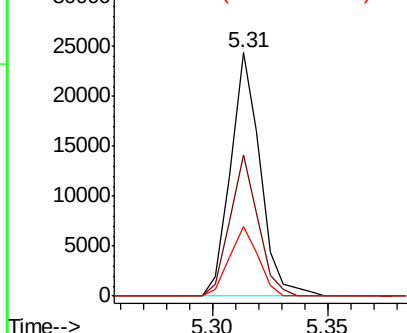
#5

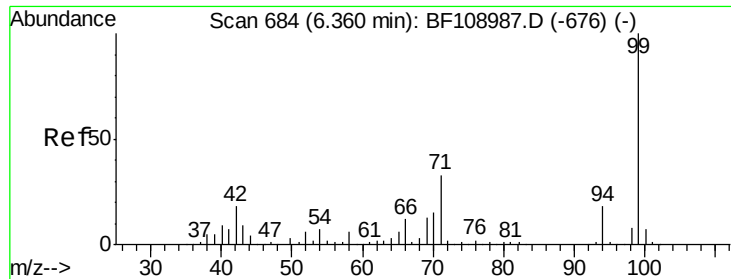
2-Fluorophenol
Concen: 2.534 ng
RT: 5.31 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:112 Resp: 21819
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 28.5 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





#7

Phenol-d6

Concen: 3.340 ng

RT: 6.34 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF108997.D

Acq: 14 Sep 2018 16:22

Instrument :

BNA_F

ClientSampled :

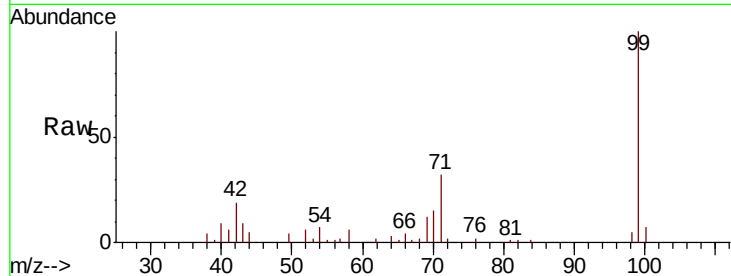
Tot Ion: 99 Resp: 37094

Ion Ratio Lower Upper

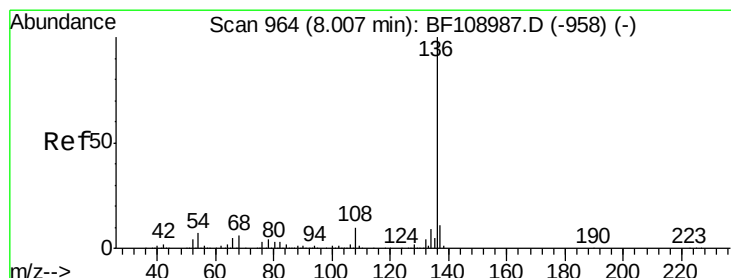
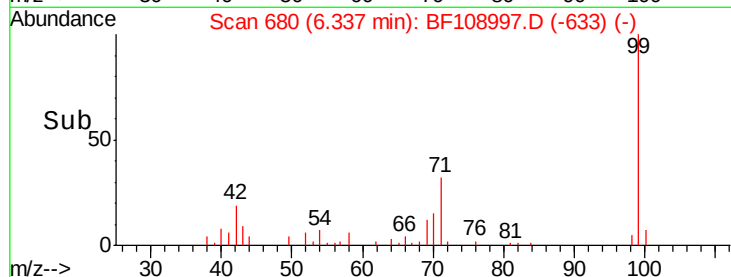
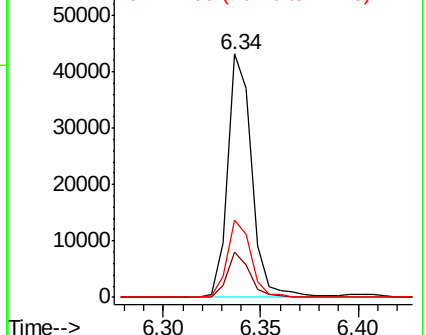
99 100

42 18.8 14.5 21.7

71 31.9 25.4 38.0



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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF108997.D

Acq: 14 Sep 2018 16:22

Tgt Ion: 136 Resp: 570494

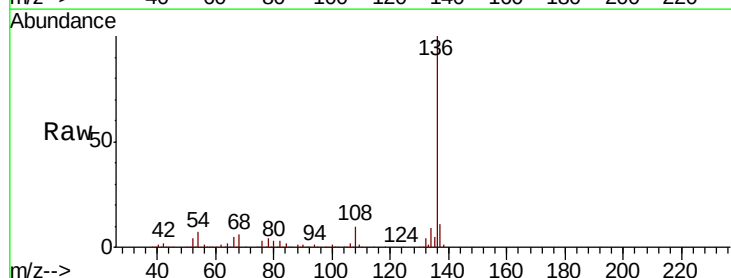
Ion Ratio Lower Upper

136 100

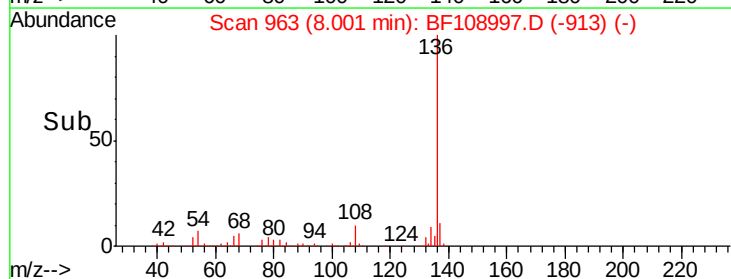
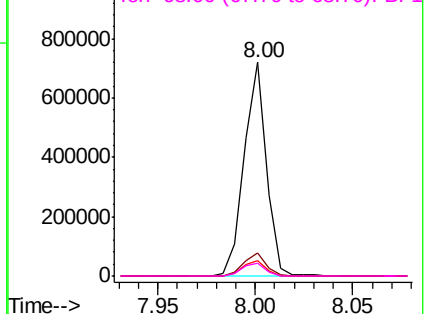
137 10.9 8.9 13.3

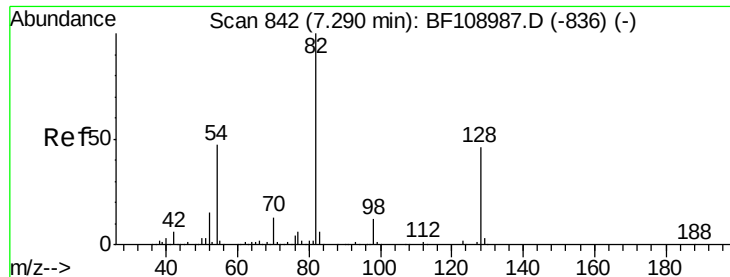
54 7.0 6.6 9.8

68 6.0 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

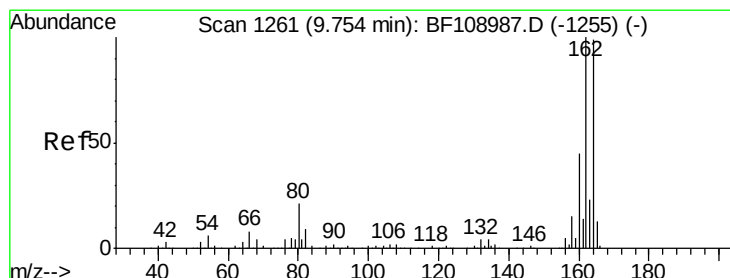
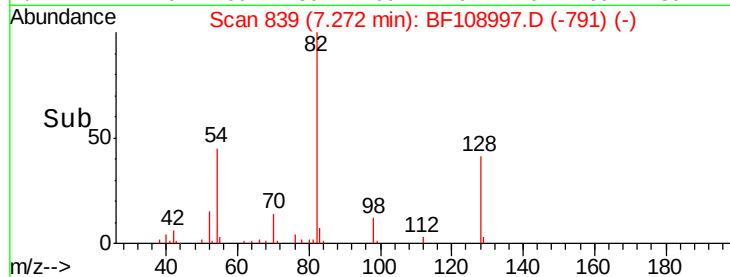
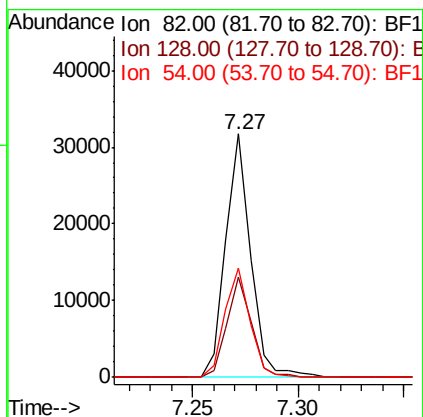
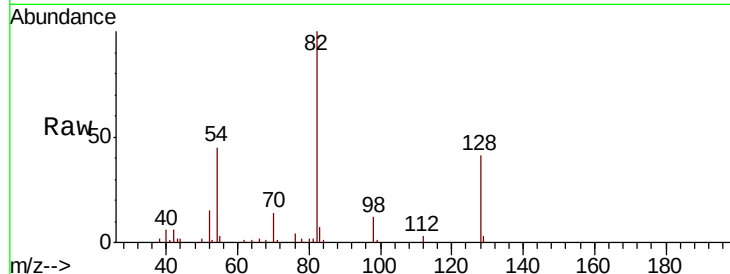




#23
 Nitrobenzene-d5
 Concen: 2.552 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF108997.D
 Acq: 14 Sep 2018 16:22

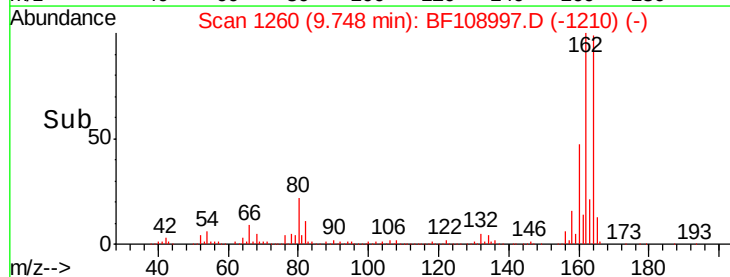
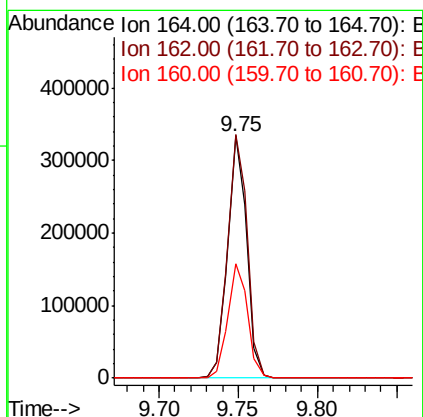
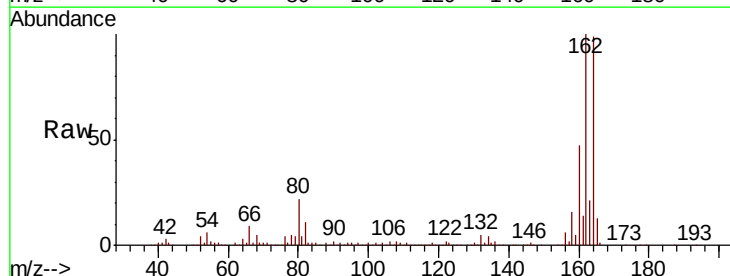
Instrument :
 BNA_F
 ClientSampleId :

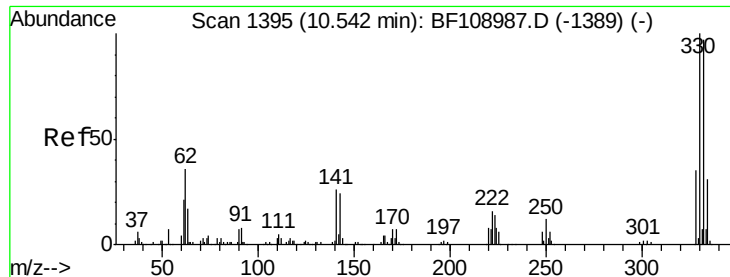
Tot Ion: 82 Resp: 25954
 Ion Ratio Lower Upper
 82 100
 128 41.4 36.1 54.1
 54 44.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF108997.D
 Acq: 14 Sep 2018 16:22

Tgt Ion: 164 Resp: 277844
 Ion Ratio Lower Upper
 164 100
 162 100.5 86.1 129.1
 160 47.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 2.272 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF108997.D

Acq: 14 Sep 2018 16:22

Instrument :

BNA_F

ClientSampled :

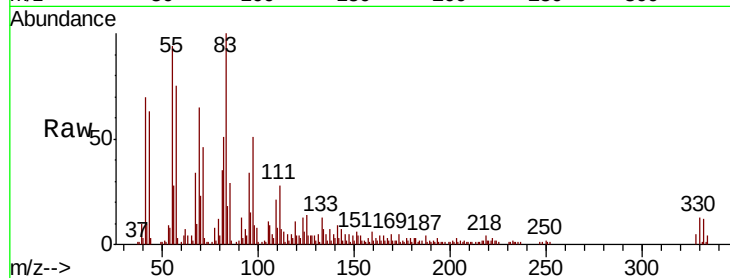
Tot Ion:330 Resp: 6851

Ion Ratio Lower Upper

330 100

332 92.7 77.0 115.6

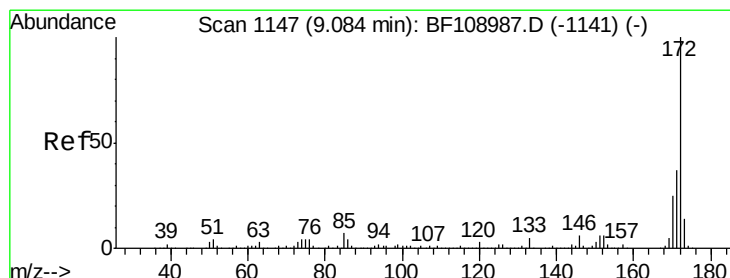
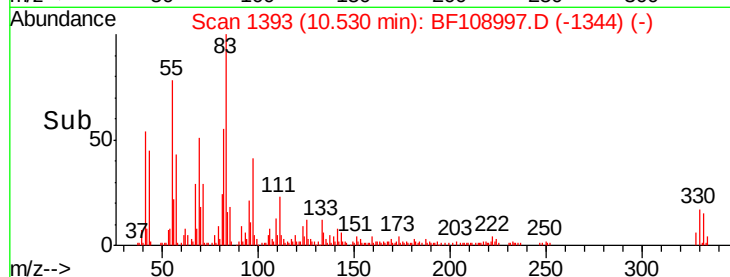
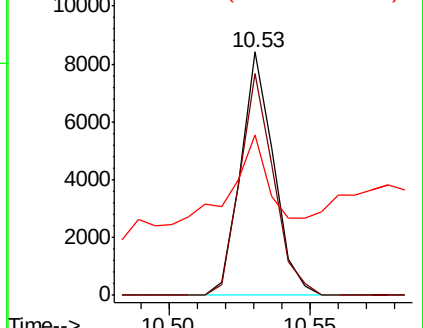
141 70.5 29.9 44.9#



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



#44

2-Fluorobiphenyl

Concen: 3.243 ng

RT: 9.07 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF108997.D

Acq: 14 Sep 2018 16:22

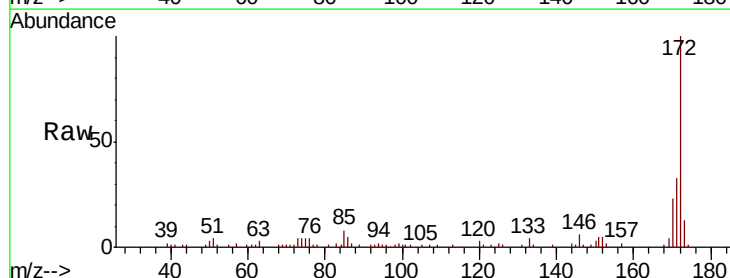
Tgt Ion:172 Resp: 57511

Ion Ratio Lower Upper

172 100

171 33.3 29.7 44.5

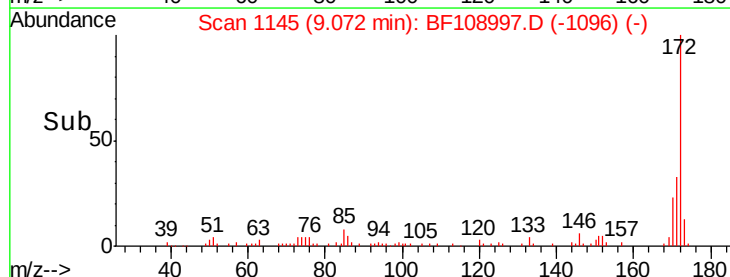
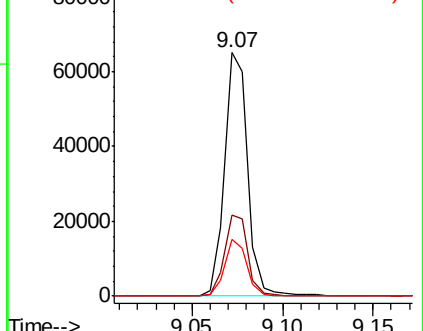
170 23.5 19.6 29.4

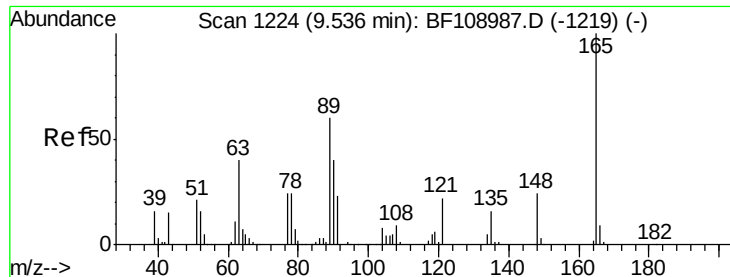


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

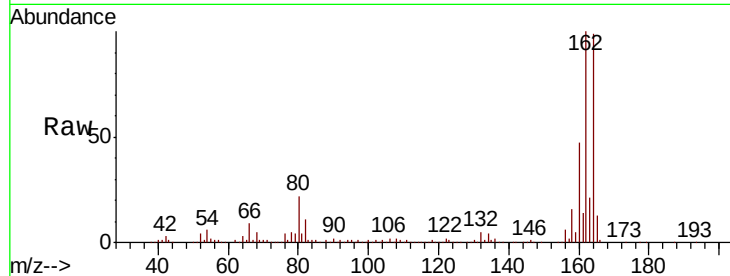




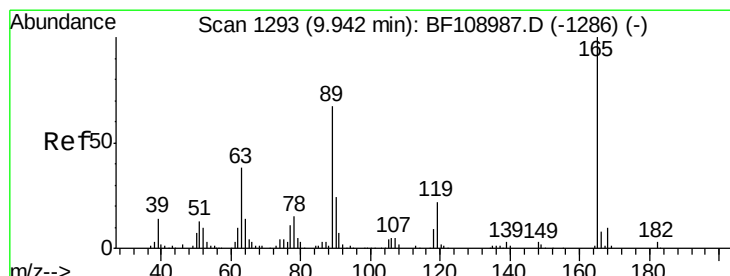
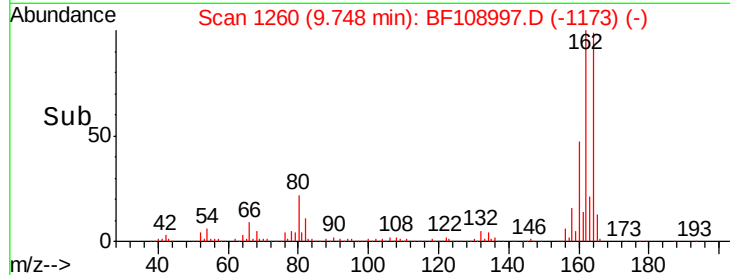
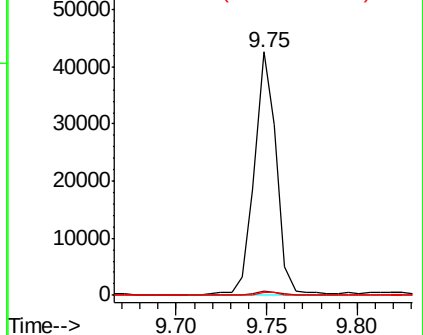
#50
 2,6-Dinitrotoluene
 Concen: 8.237 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF108997.D
 Acq: 14 Sep 2018 16:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#

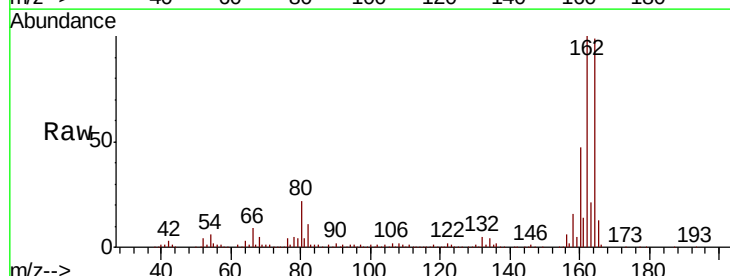


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

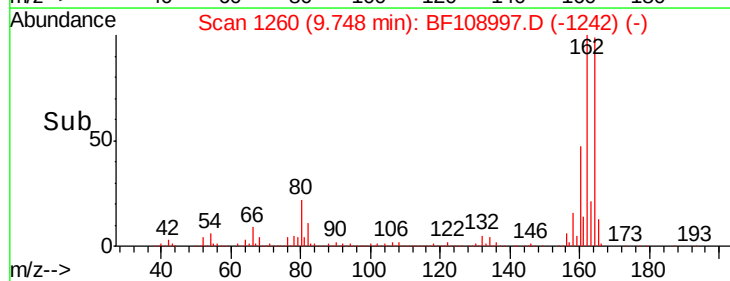
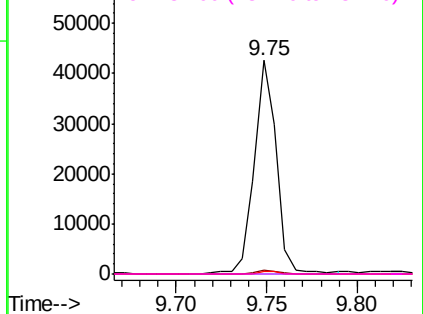


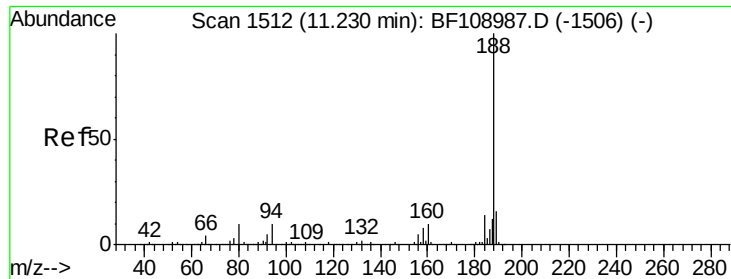
#56
 2,4-Dinitrotoluene
 Concen: 6.298 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF108997.D
 Acq: 14 Sep 2018 16:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

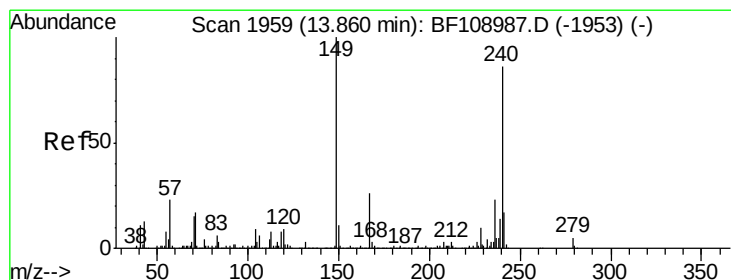
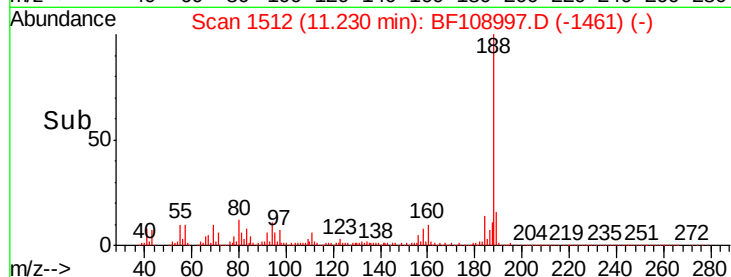
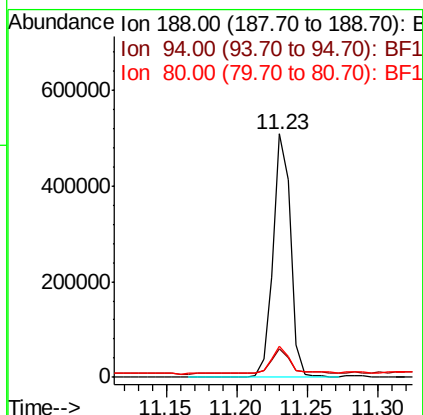
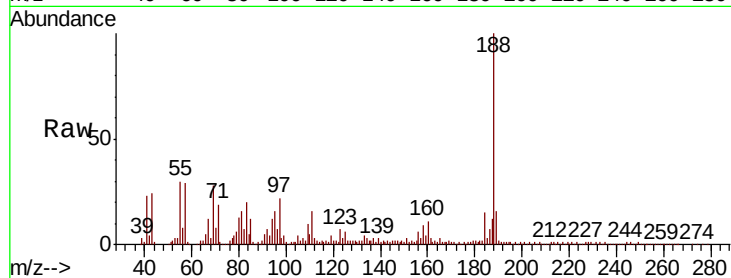




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

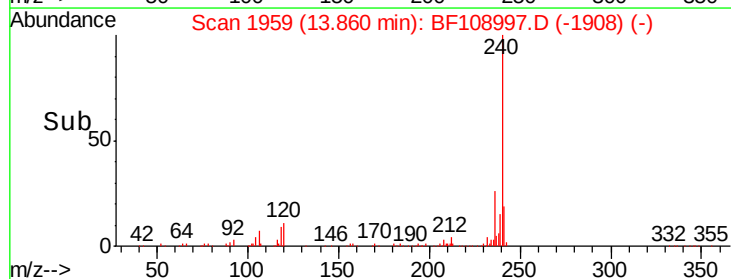
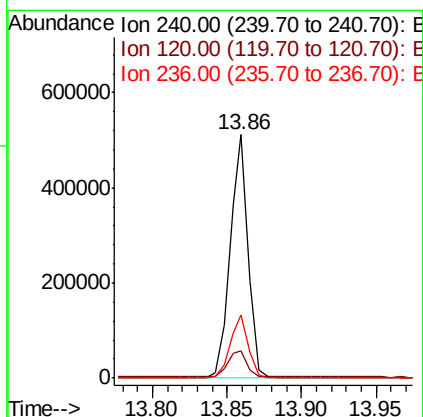
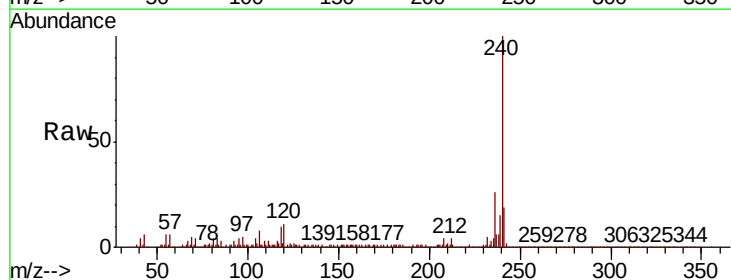
Instrument :
BNA_F
ClientSampleId :

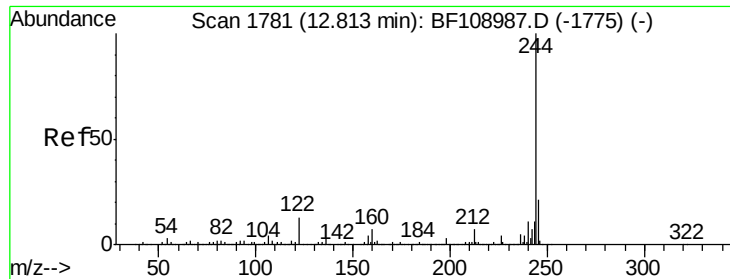
Tot Ion:188 Resp: 440437
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 13.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF108997.D
Acq: 14 Sep 2018 16:22

Tgt Ion:240 Resp: 434137
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 2.827 ng

RT: 12.82 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF108997.D

Acq: 14 Sep 2018 16:22

Instrument :

BNA_F

ClientSampleId :

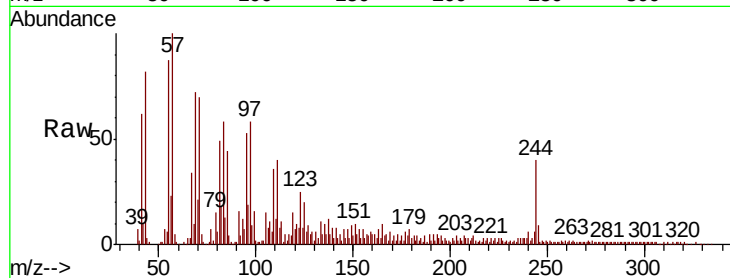
Tot Ion:244 Resp: 51786

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

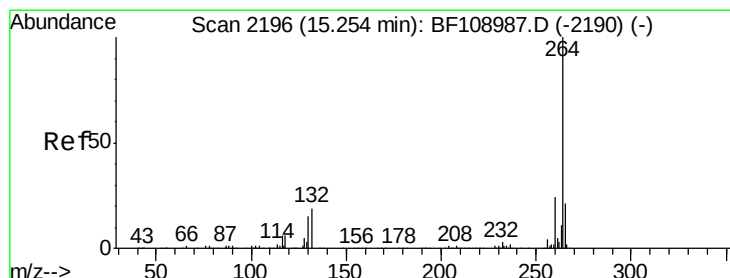
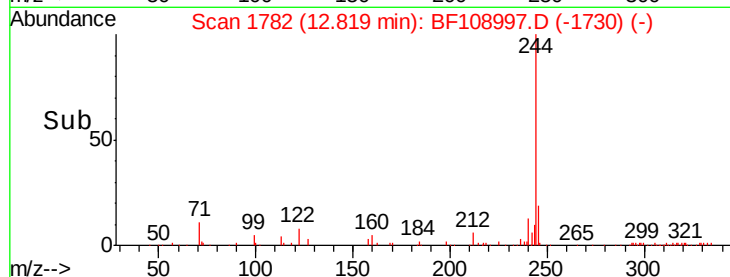
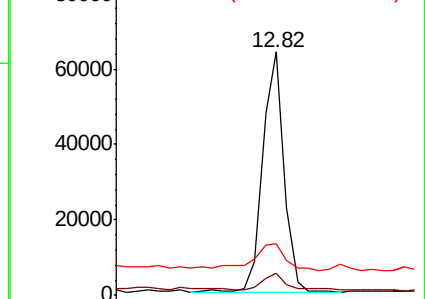
122 21.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF108997.D

Acq: 14 Sep 2018 16:22

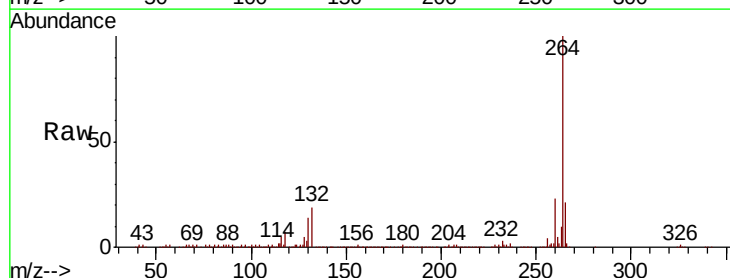
Tgt Ion:264 Resp: 376474

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

