

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109188.D
 Acq On : 20 Sep 2018 18:12
 Operator : JU/SJ
 Sample : J4993-06 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 19:27:36 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

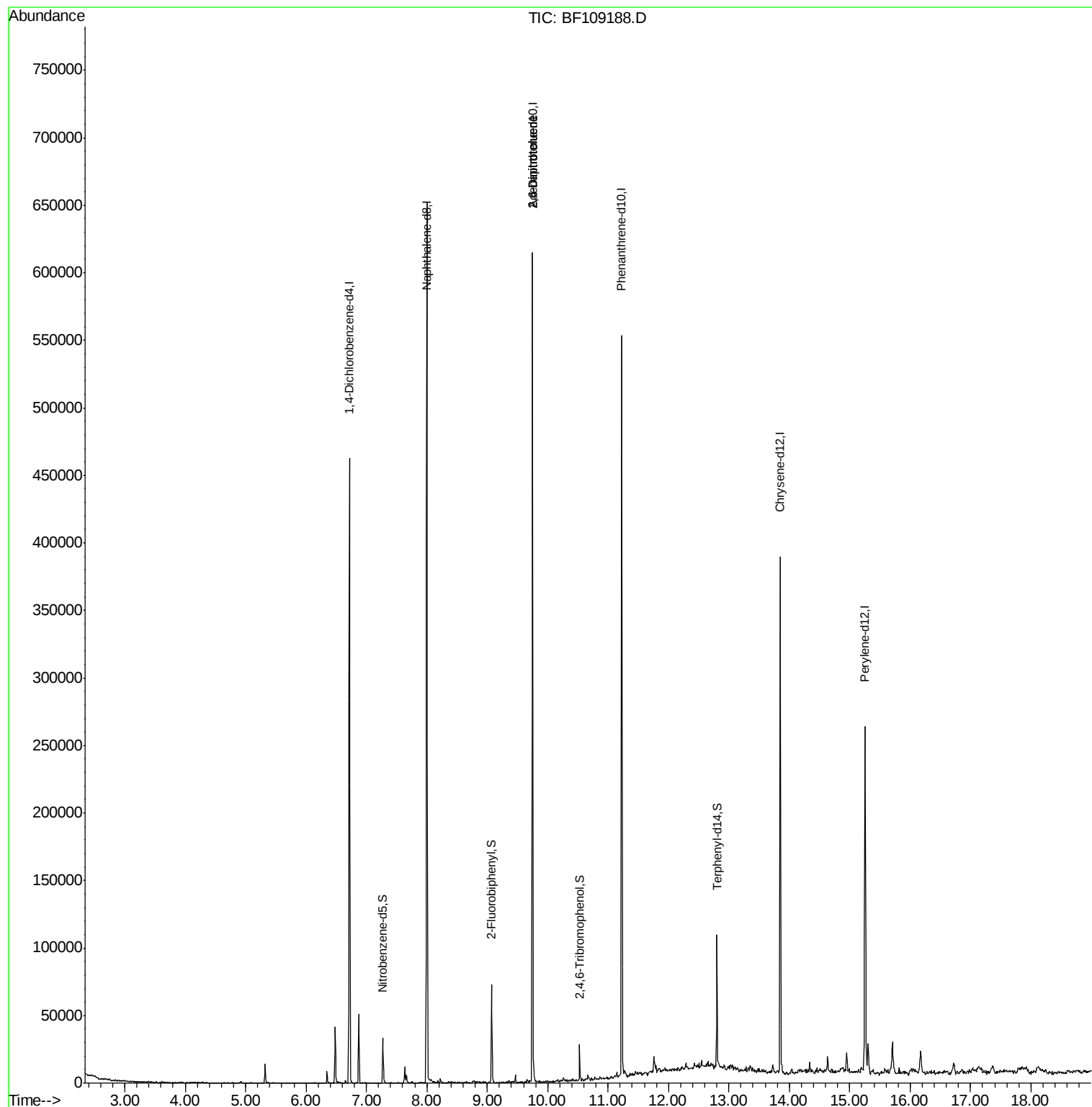
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	58693	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	249273	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	114480	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	201836	20.00	ng	0.00
75) Chrysene-d12	13.85	240	123995	20.00	ng	-0.01
86) Perylene-d12	15.25	264	119880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	4781	1.35	ng	0.00
7) Phenol-d6	6.35	99	4032	0.88	ng	-0.01
23) Nitrobenzene-d5	7.27	82	12302	2.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	3247	2.61	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	23081	3.16	ng	-0.01
78) Terphenyl-d14	12.80	244	31571	6.04	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.75	165	13825	7.619	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	13825	5.826	ng	# 23

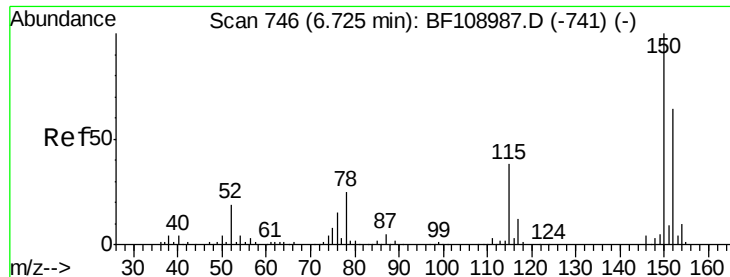
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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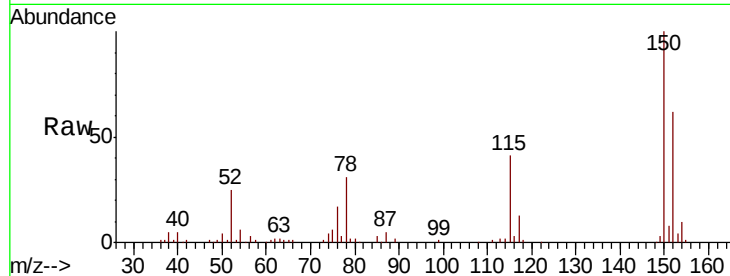


#1

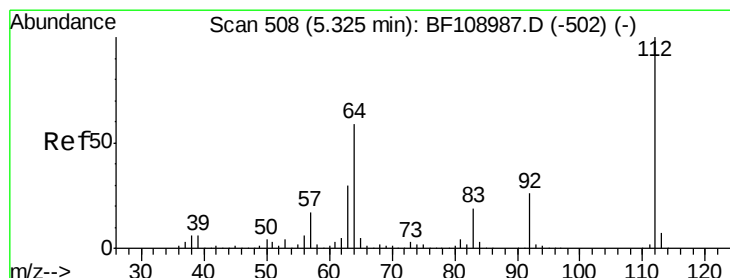
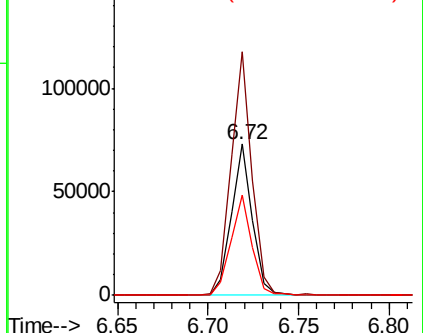
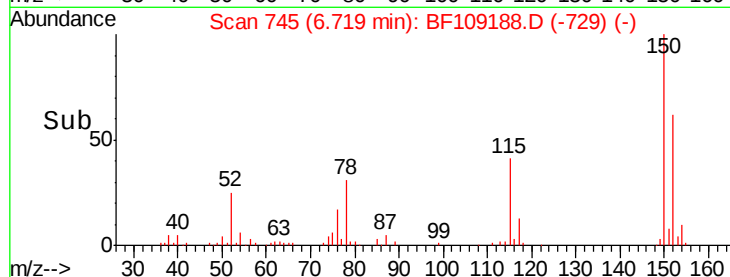
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109188.D
Acq: 20 Sep 2018 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58693
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 66.1 50.1 75.1



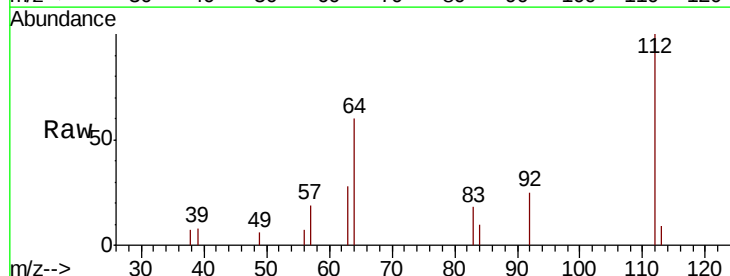
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



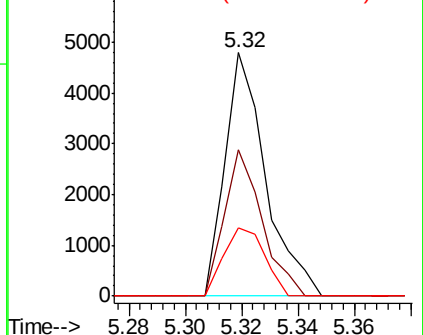
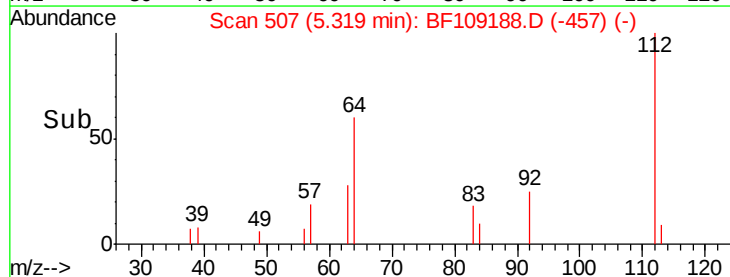
#5

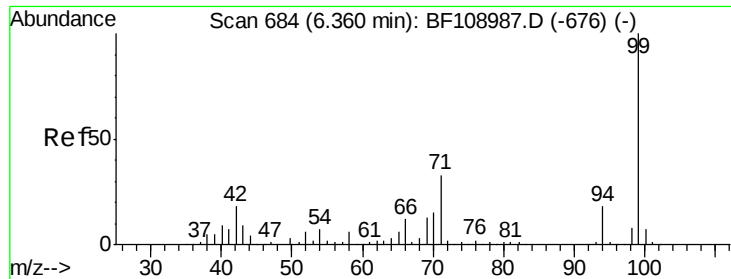
2-Fluorophenol
Concen: 1.353 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109188.D
Acq: 20 Sep 2018 18:12

Tgt Ion:112 Resp: 4781
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 28.1 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





#7

Phenol-d6

Concen: 0.885 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109188.D

Acq: 20 Sep 2018 18:12

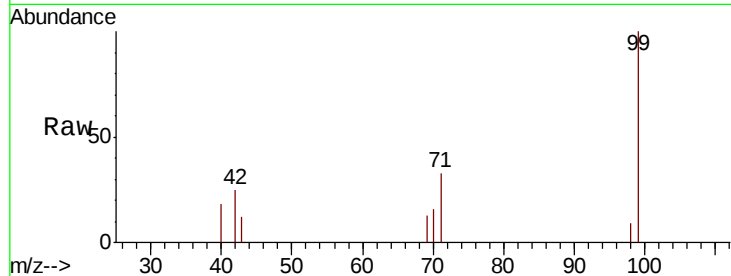
Instrument :

BNA_F

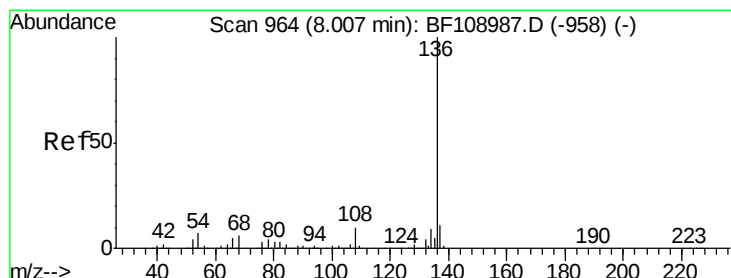
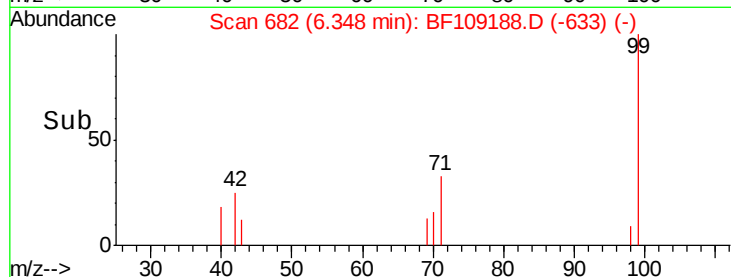
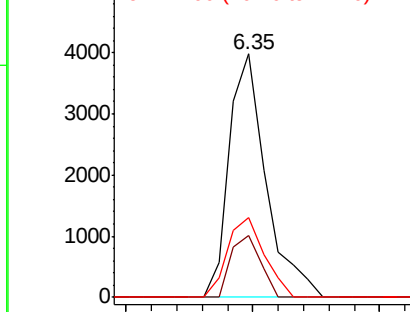
ClientSampled :

Tot Ion: 99 Resp: 4032

Ion	Ratio	Lower	Upper
99	100		
42	25.3	14.5	21.7#
71	32.9	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

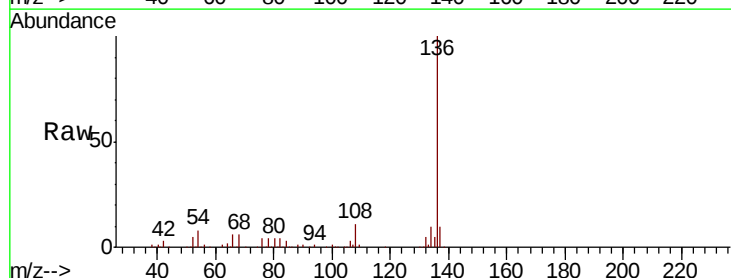
Delta R.T. -0.01 min

Lab File: BF109188.D

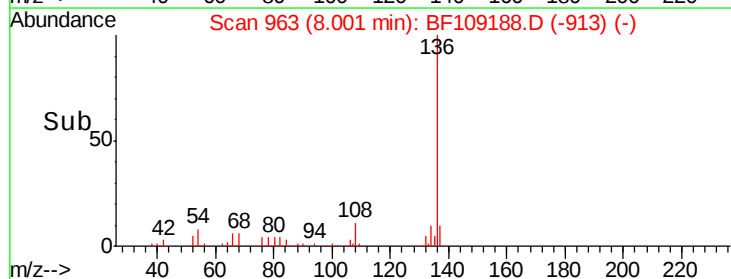
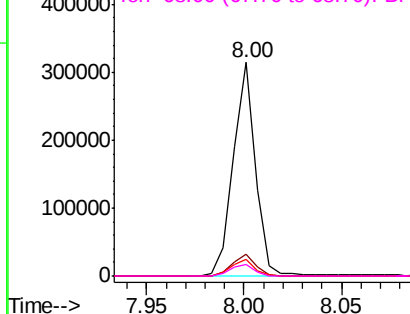
Acq: 20 Sep 2018 18:12

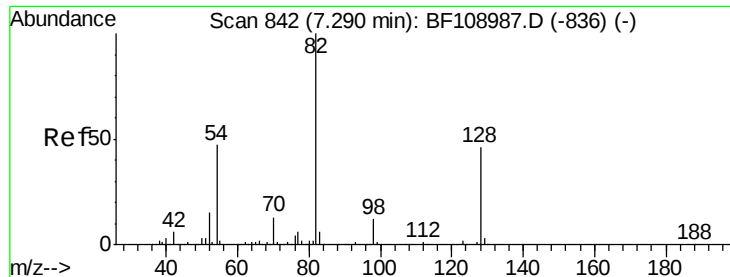
Tgt Ion: 136 Resp: 249273

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.0	6.6	9.8
68	5.7	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

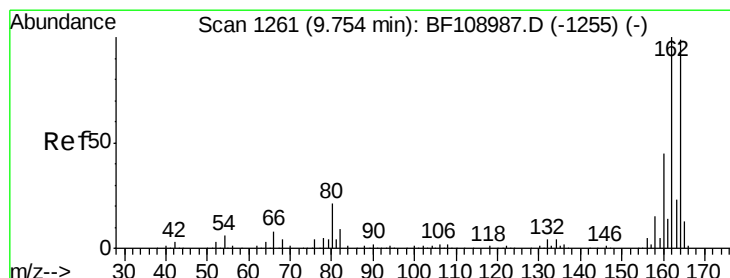
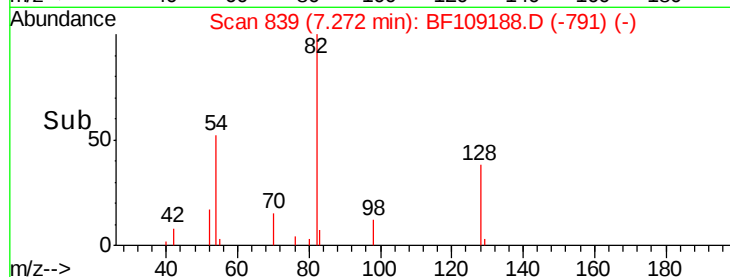
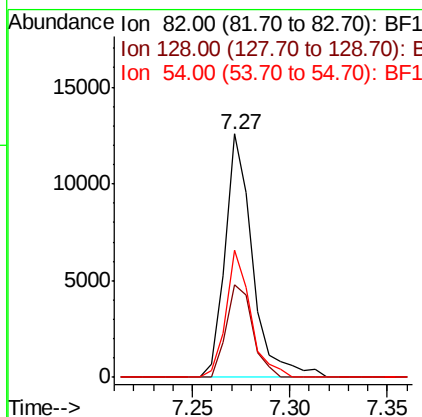
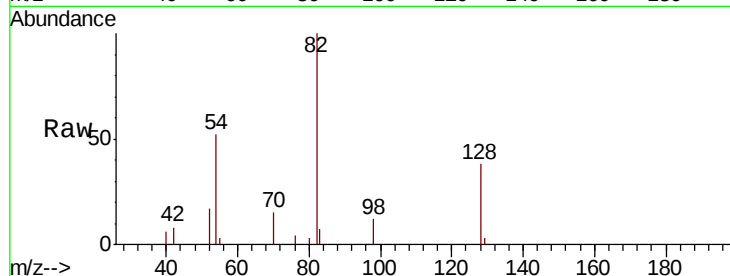




#23
 Nitrobenzene-d5
 Concen: 2.768 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109188.D
 Acq: 20 Sep 2018 18:12

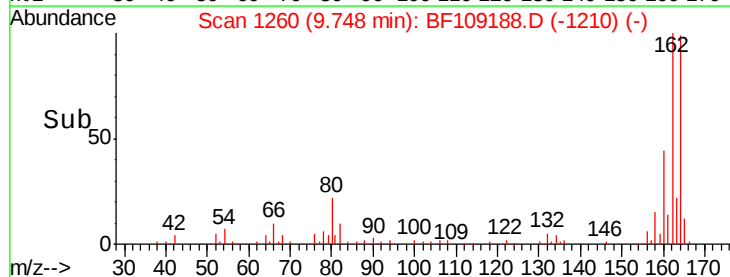
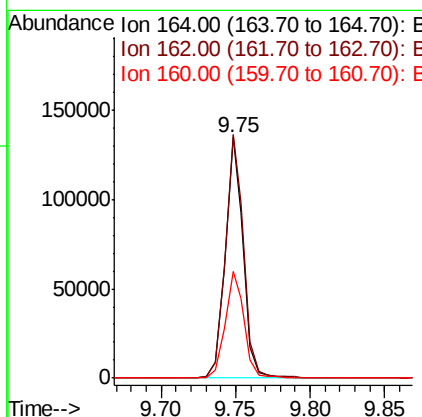
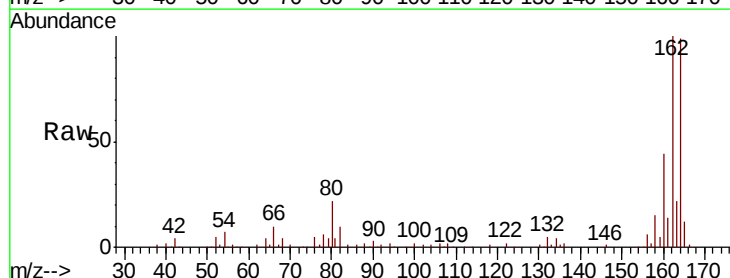
Instrument :
 BNA_F
 ClientSampleId :

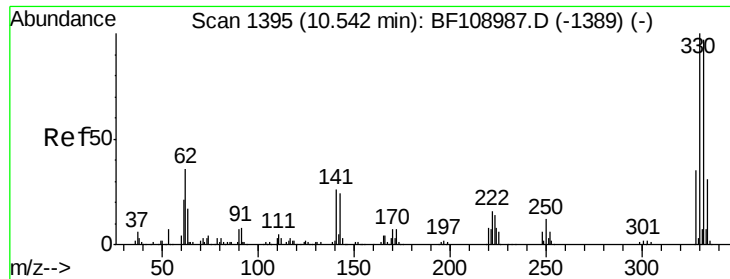
Tot Ion	82	Resp	12302
Ion	Ratio	Lower	Upper
82	100		
128	37.8	36.1	54.1
54	52.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109188.D
 Acq: 20 Sep 2018 18:12

Tgt Ion	164	Resp	114480
Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	44.3	38.3	57.5

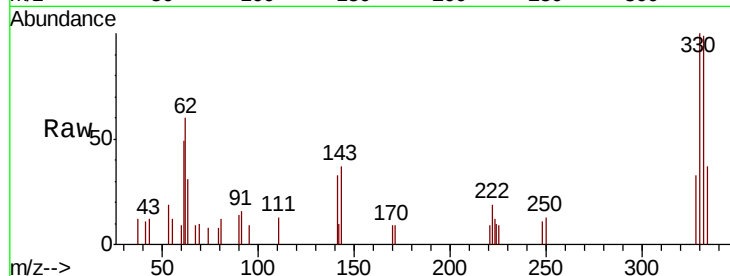




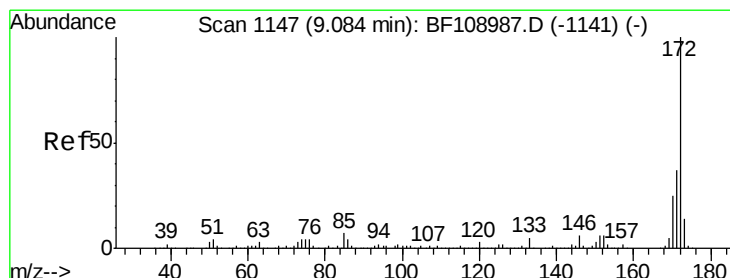
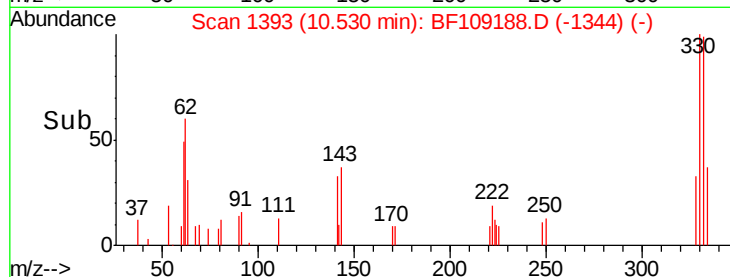
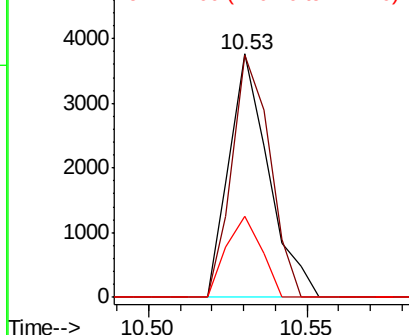
#41
 2,4,6-Tribromophenol
 Concen: 2.613 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109188.D
 Acq: 20 Sep 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 3247
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 29.5 29.9 44.9#

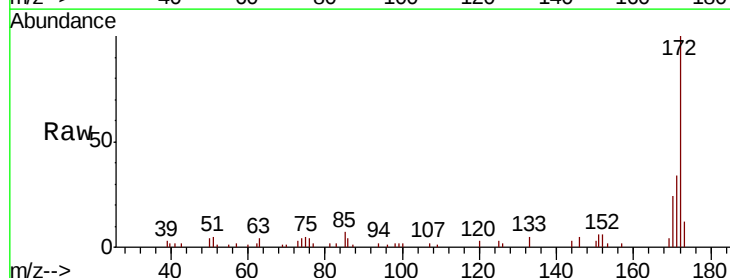


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

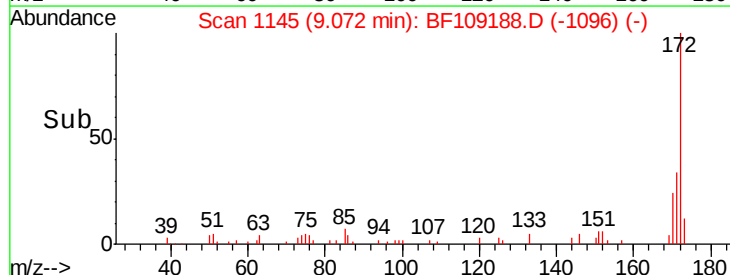
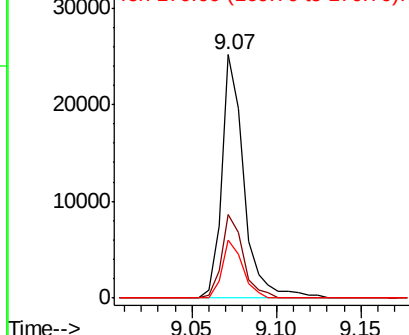


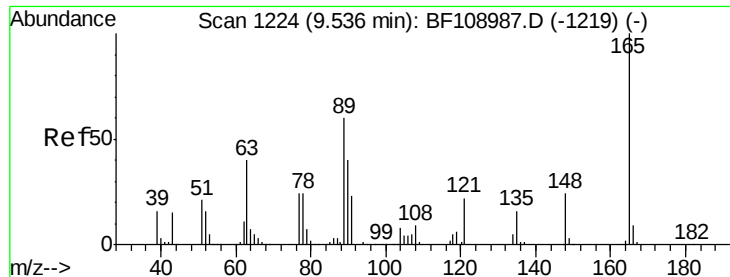
#44
 2-Fluorobiphenyl
 Concen: 3.159 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF109188.D
 Acq: 20 Sep 2018 18:12

Tgt Ion:172 Resp: 23081
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 23.6 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

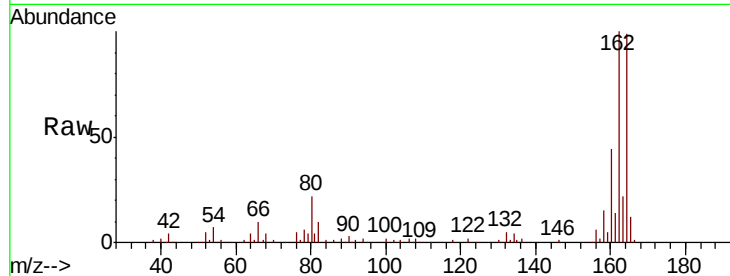




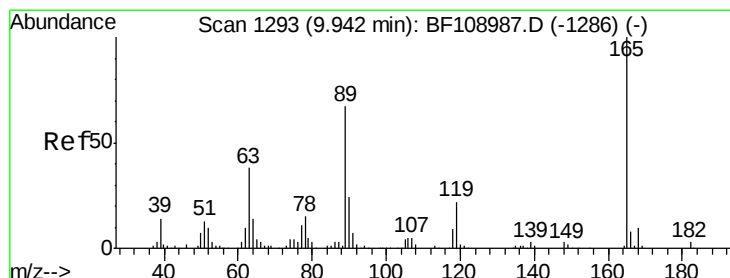
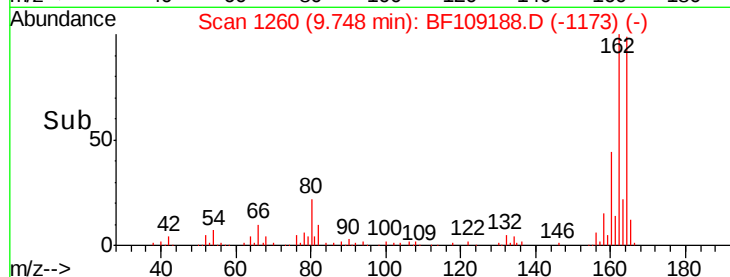
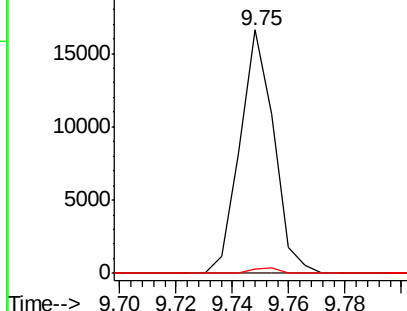
#50
 2,6-Dinitrotoluene
 Concen: 7.619 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109188.D
 Acq: 20 Sep 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.9	44.0	66.0#



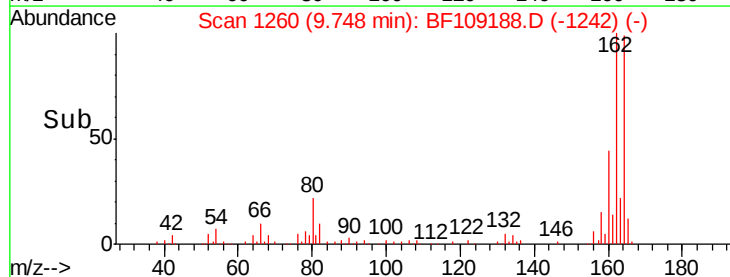
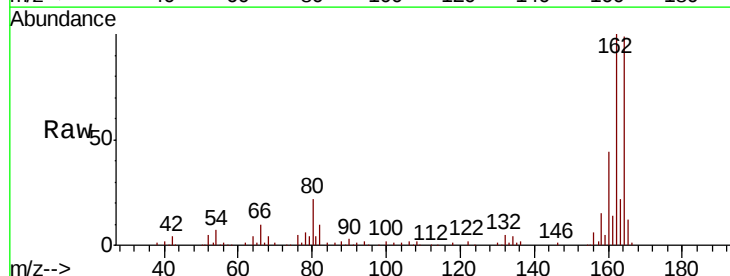
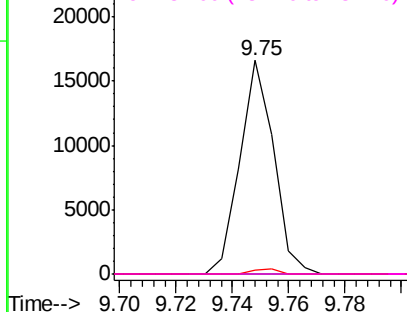
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

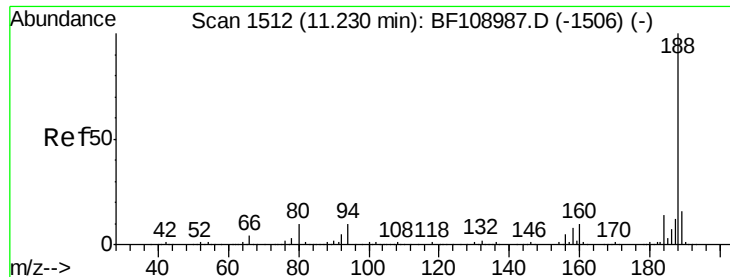


#56
 2,4-Dinitrotoluene
 Concen: 5.826 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109188.D
 Acq: 20 Sep 2018 18:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	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

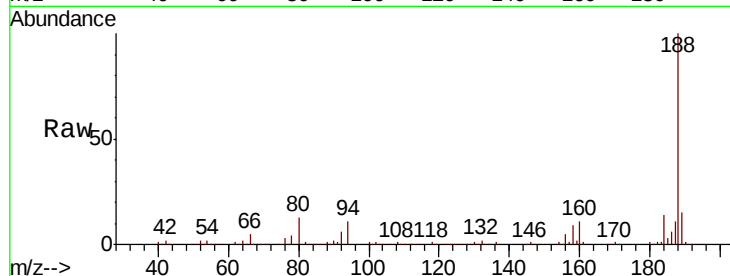




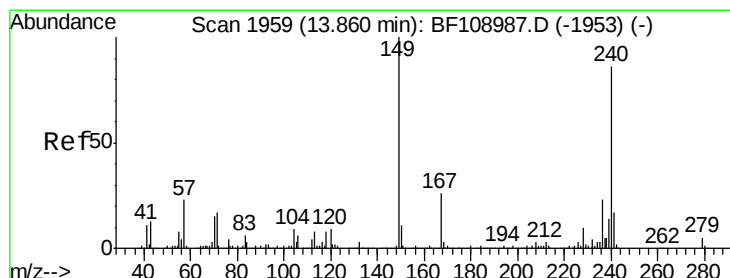
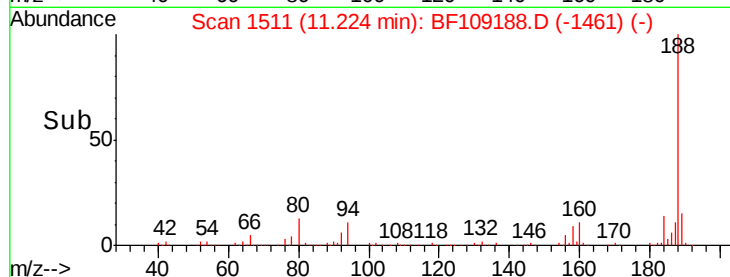
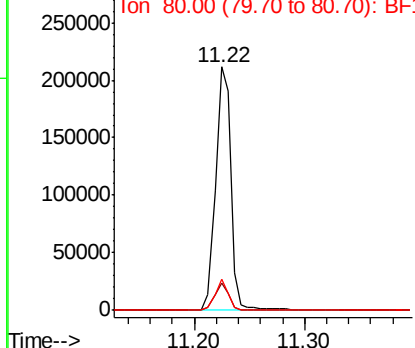
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109188.D
Acq: 20 Sep 2018 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 201836
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.7 9.2 13.8

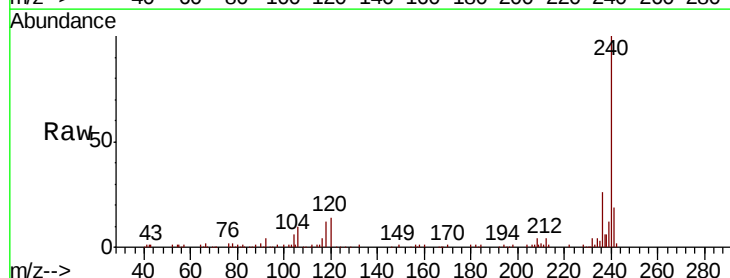


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

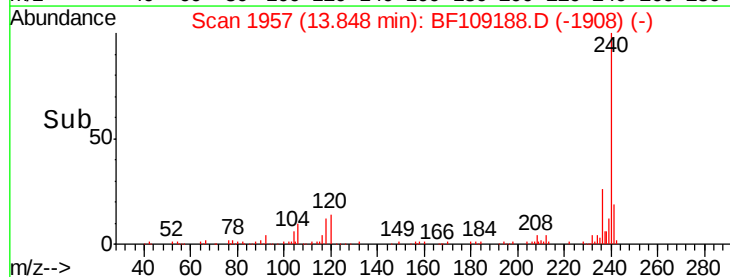
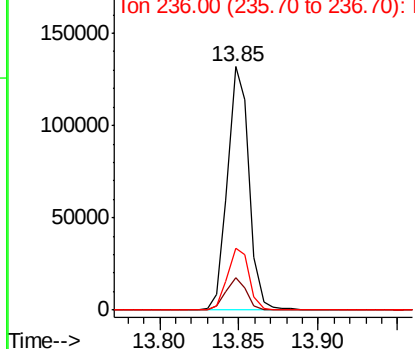


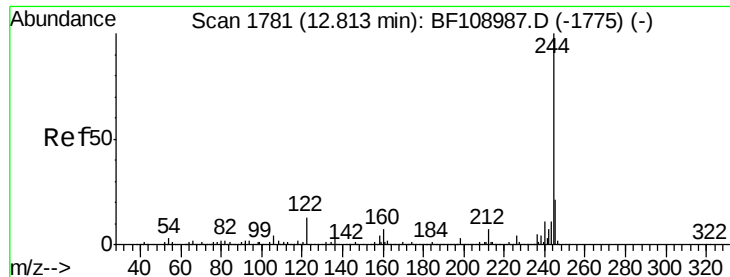
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109188.D
Acq: 20 Sep 2018 18:12

Tgt Ion:240 Resp: 123995
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.6 20.7 31.1



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





#78

Terphenyl-d14

Concen: 6.035 ng

RT: 12.80 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF109188.D

Acq: 20 Sep 2018 18:12

Instrument :

BNA_F

ClientSampleId :

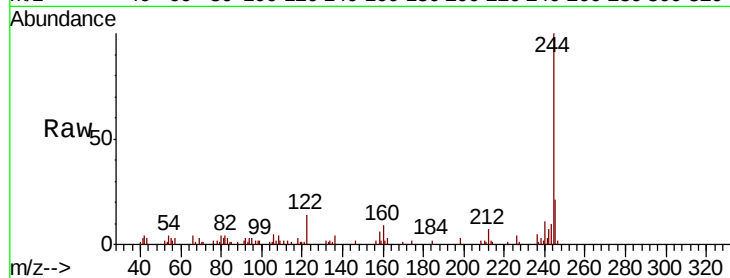
Tot Ion:244 Resp: 31571

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

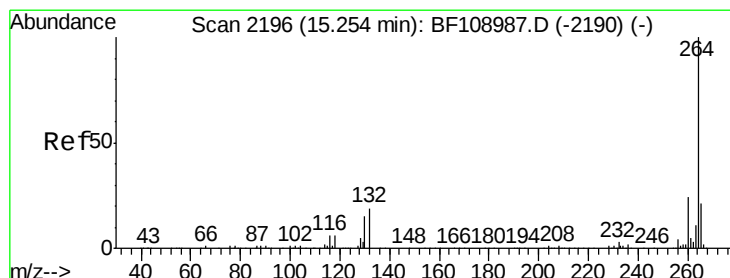
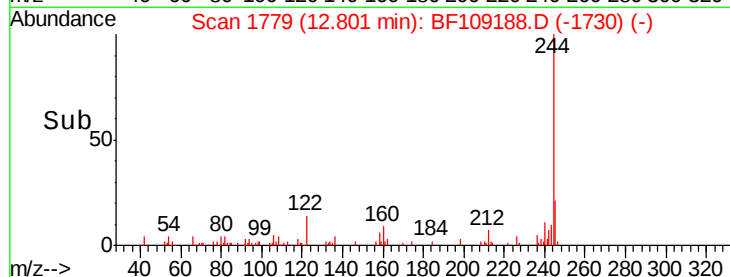
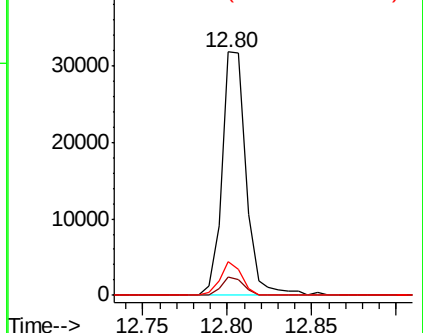
122 14.0 11.0 16.4



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: BF109188.D

Acq: 20 Sep 2018 18:12

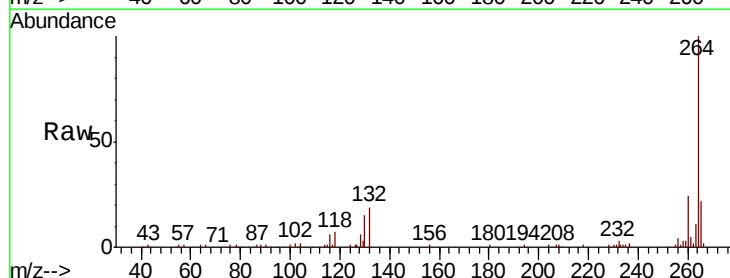
Tgt Ion:264 Resp: 119880

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

