

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109205.D
 Acq On : 21 Sep 2018 1:46
 Operator : JU/SJ
 Sample : J5001-02RE 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:14:09 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

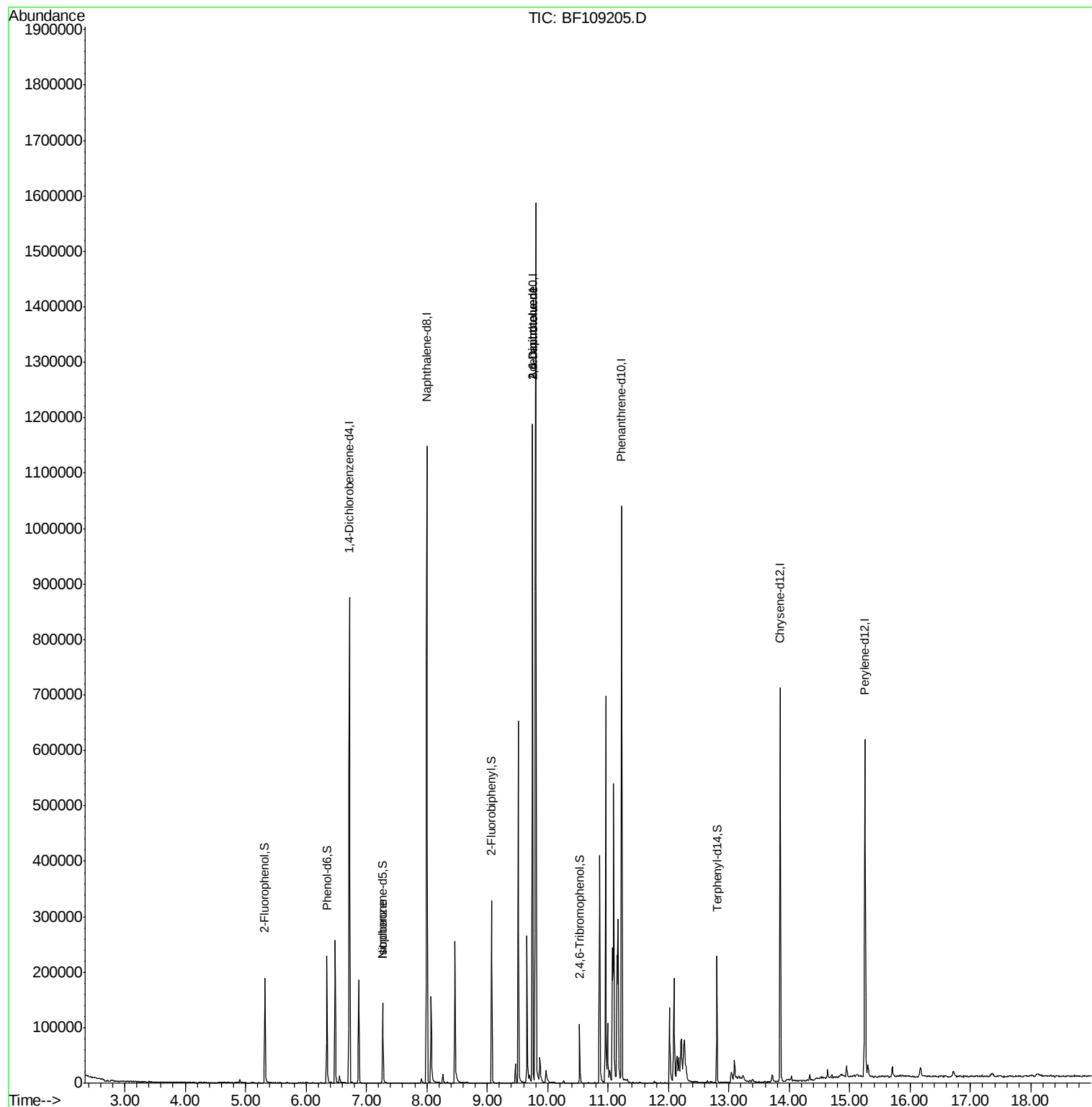
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116512	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	464555	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	217668	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	359997	20.00	ng	0.00
75) Chrysene-d12	13.85	240	237169	20.00	ng	-0.01
86) Perylene-d12	15.25	264	272240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	55488	7.91	ng	0.00
7) Phenol-d6	6.34	99	76935	8.51	ng	-0.02
23) Nitrobenzene-d5	7.27	82	42359	5.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	13048	5.52	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	92877	6.69	ng	-0.01
78) Terphenyl-d14	12.80	244	75481	7.54	ng	-0.01
Target Compounds						
25) Isophorone	7.27	82	42359	2.975	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	27467	7.961	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	27467	6.087	ng	# 23

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

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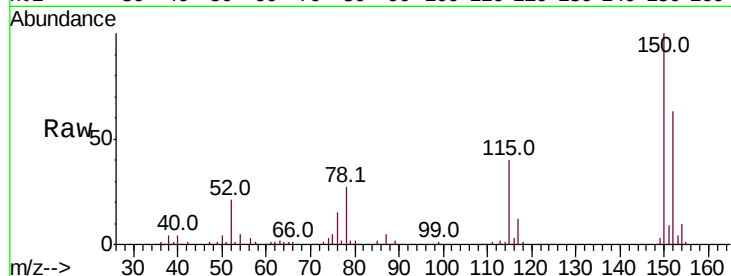


#1

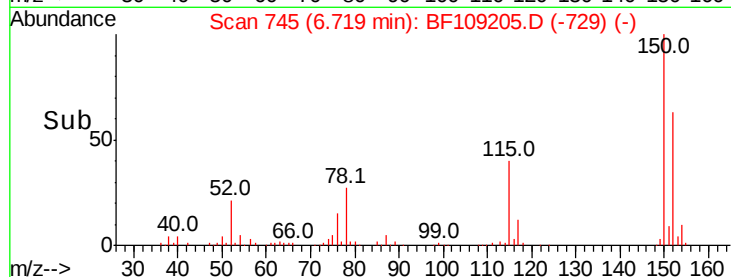
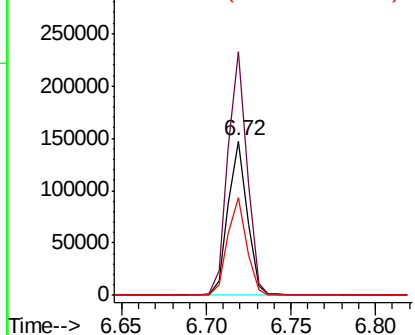
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109205.D
 Acq: 21 Sep 2018 1:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 116512
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 63.0 50.1 75.1



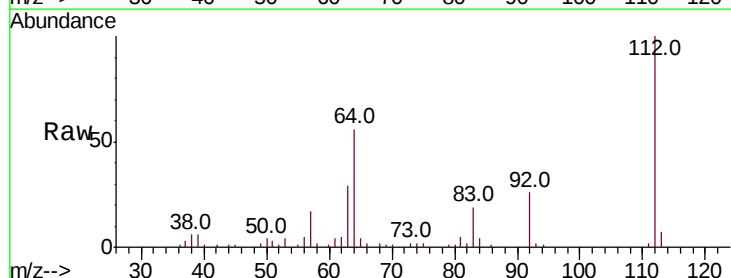
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



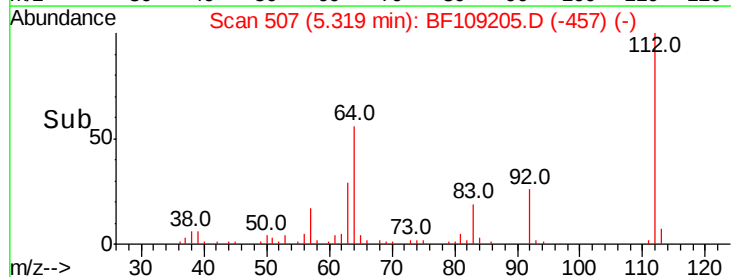
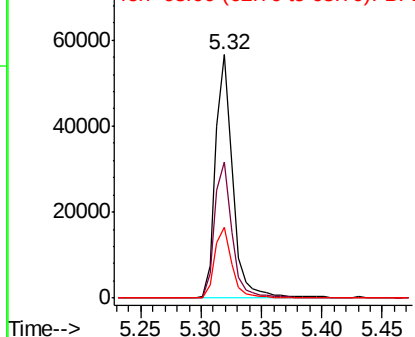
#5

2-Fluorophenol
 Concen: 7.910 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF109205.D
 Acq: 21 Sep 2018 1:46

Tgt Ion:112 Resp: 55488
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 29.0 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: 8.505 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109205.D

Acq: 21 Sep 2018 1:46

Instrument :

BNA_F

ClientSampled :

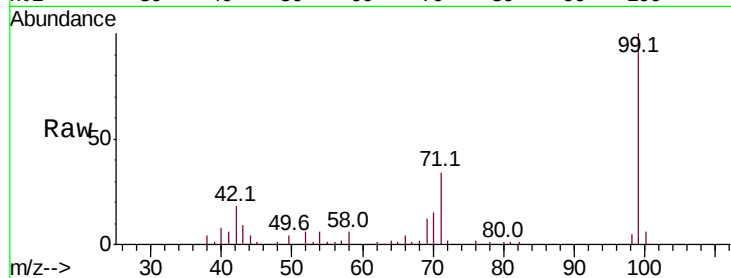
Tot Ion: 99 Resp: 76935

Ion Ratio Lower Upper

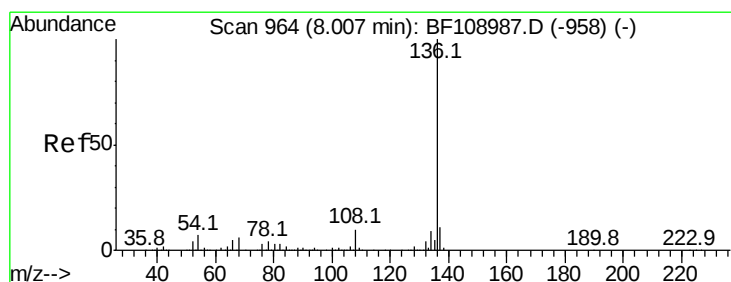
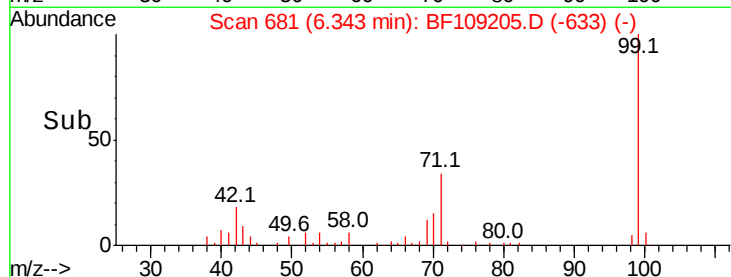
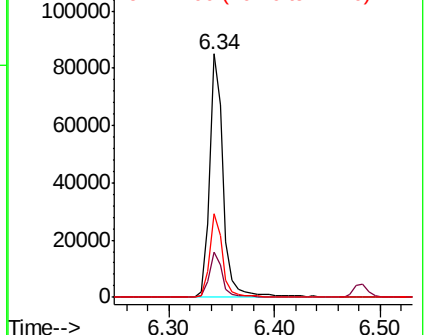
99 100

42 18.4 14.5 21.7

71 34.1 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: BF109205.D

Acq: 21 Sep 2018 1:46

Tgt Ion: 136 Resp: 464555

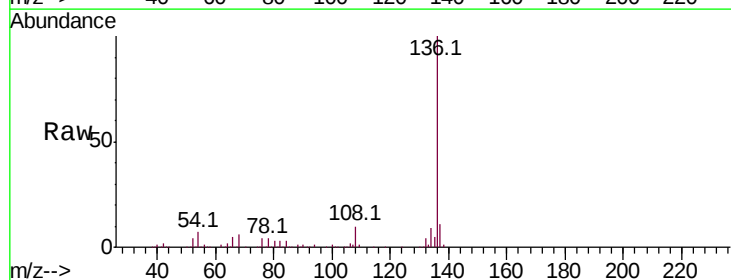
Ion Ratio Lower Upper

136 100

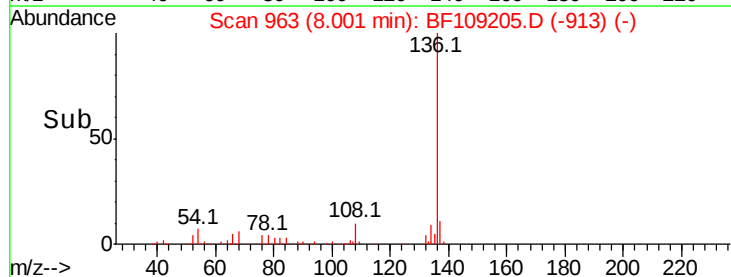
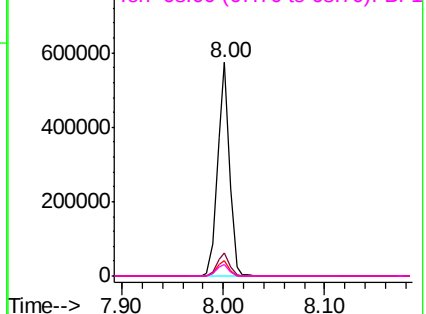
137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.6 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

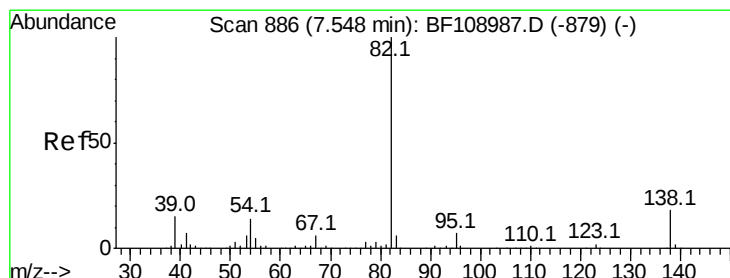
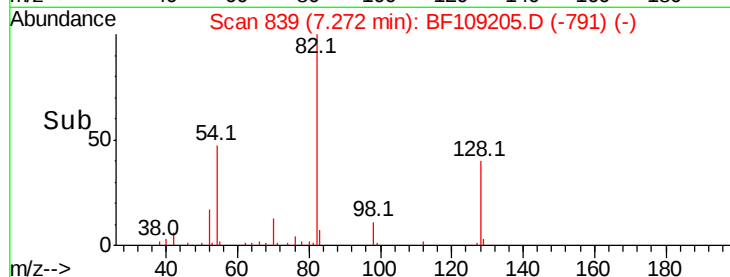
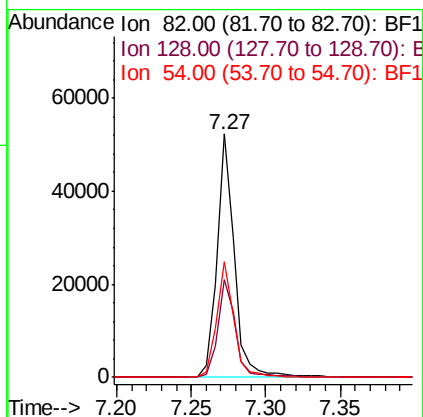
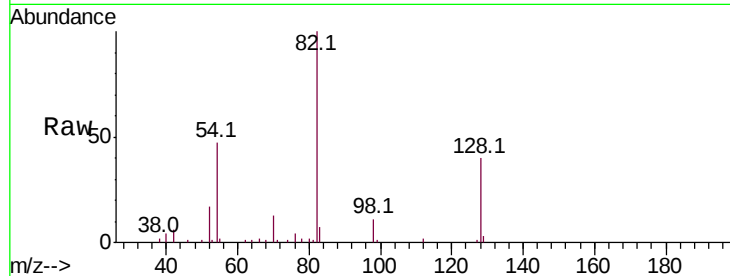




#23
 Nitrobenzene-d5
 Concen: 5.114 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109205.D
 Acq: 21 Sep 2018 1:46

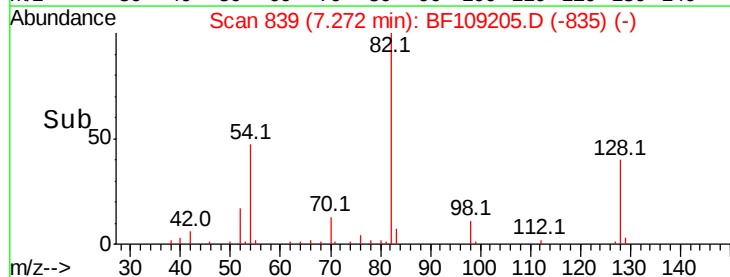
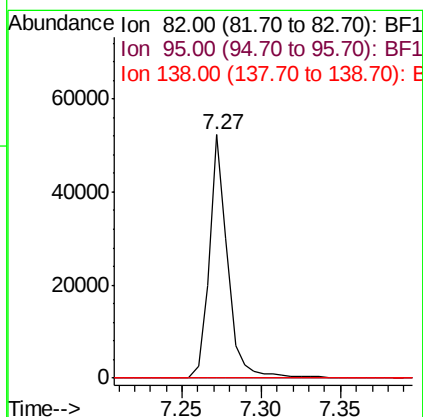
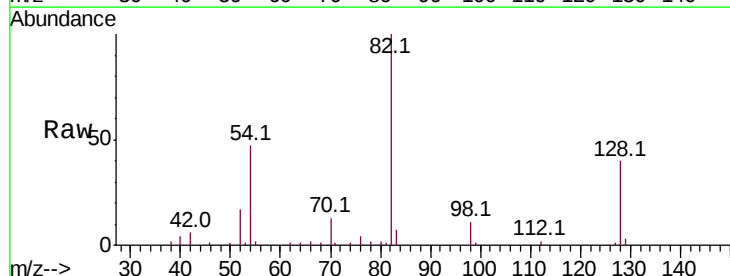
Instrument :
 BNA_F
 ClientSampleId :

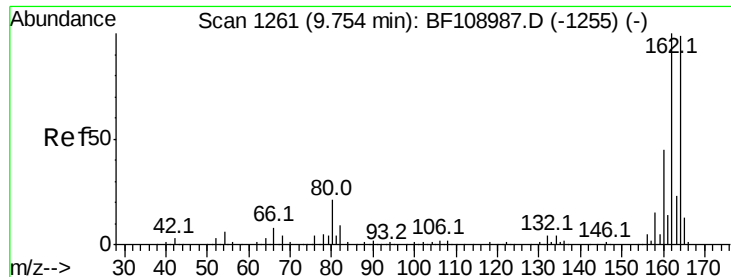
Tot Ion	82	Resp	42359
Ion Ratio	Lower	Upper	
82	100		
128	40.3	36.1	54.1
54	47.4	41.4	62.2



#25
 Isophorone
 Concen: 2.975 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.28 min
 Lab File: BF109205.D
 Acq: 21 Sep 2018 1:46

Tgt Ion	82	Resp	42359
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

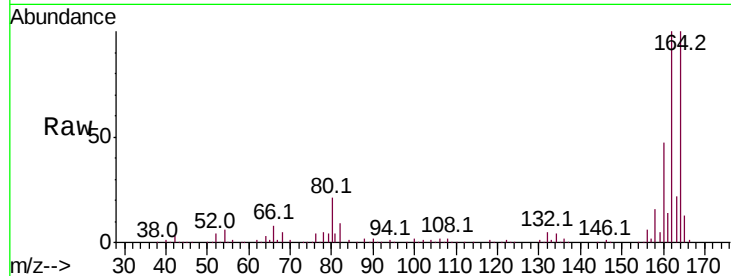




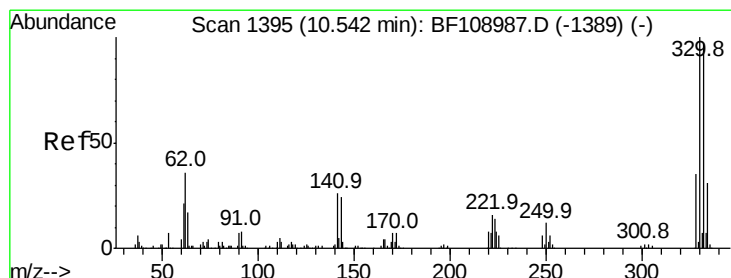
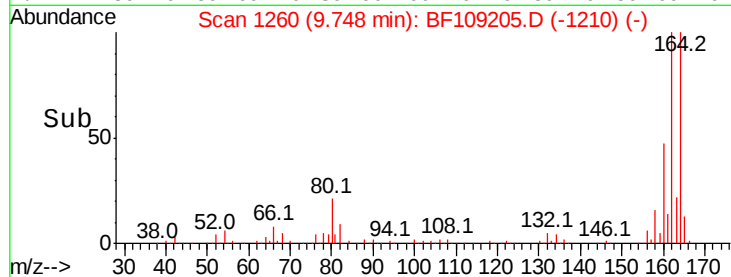
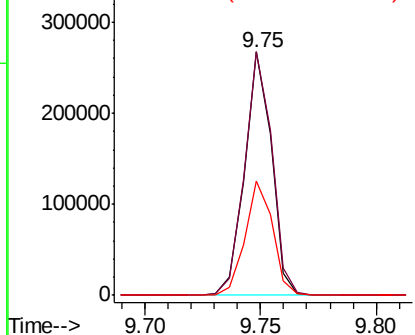
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109205.D
Acq: 21 Sep 2018 1:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 217668
Ion Ratio Lower Upper
164 100
162 99.9 86.1 129.1
160 47.0 38.3 57.5

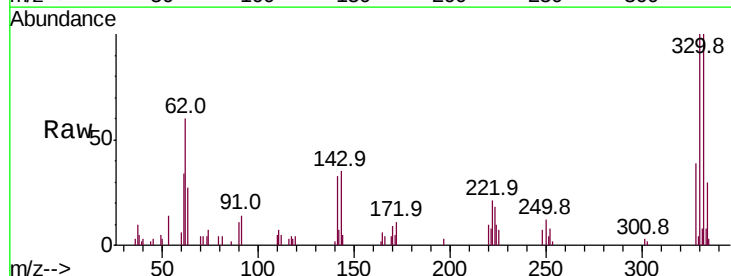


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

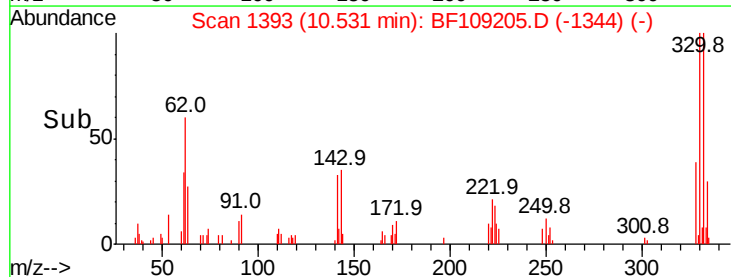
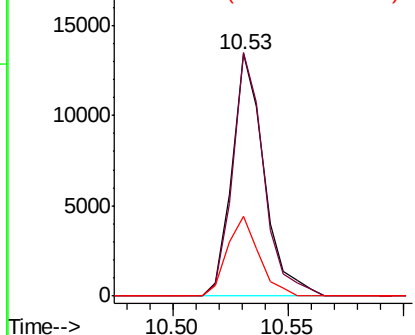


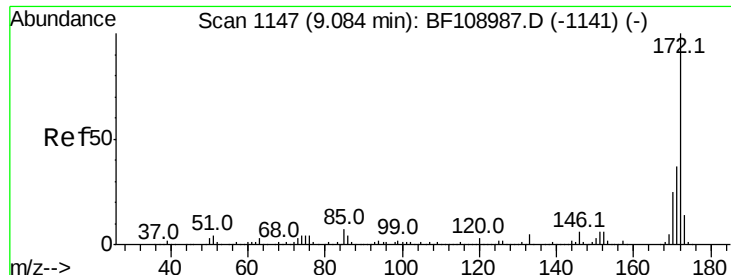
#41
2,4,6-Tribromophenol
Concen: 5.523 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109205.D
Acq: 21 Sep 2018 1:46

Tgt Ion:330 Resp: 13048
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 32.4 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

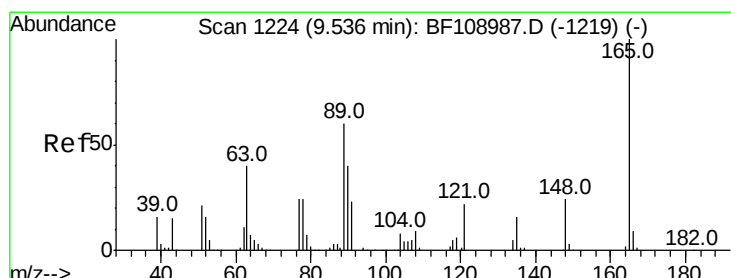
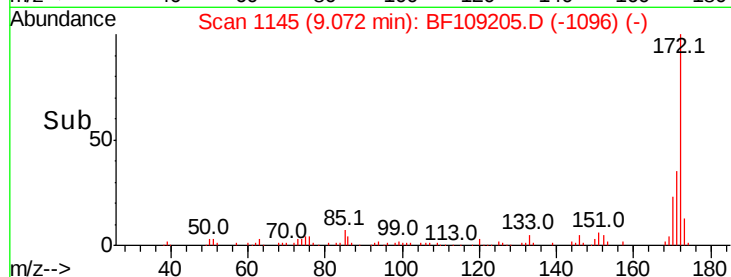
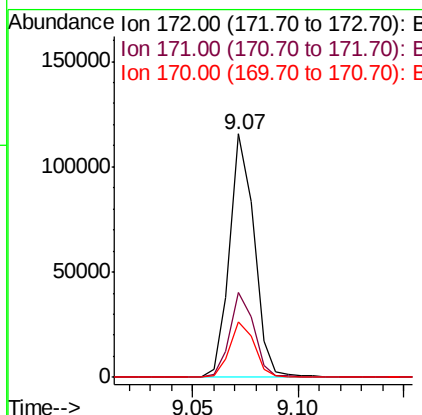
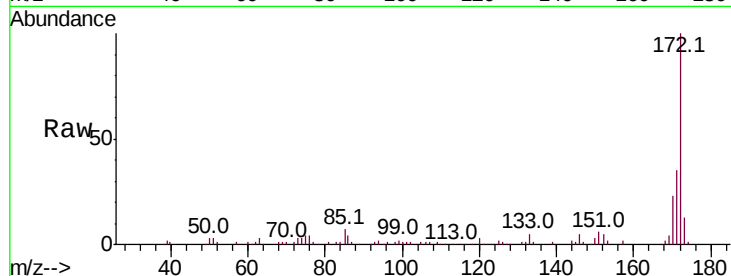




#44
 2-Fluorobiphenyl
 Concen: 6.685 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF109205.D
 Acq: 21 Sep 2018 1:46

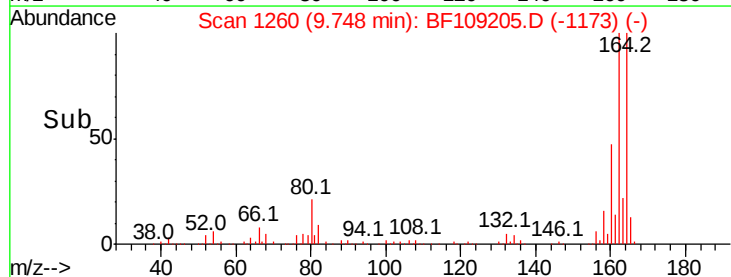
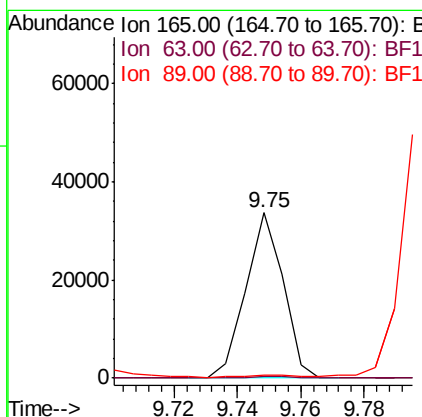
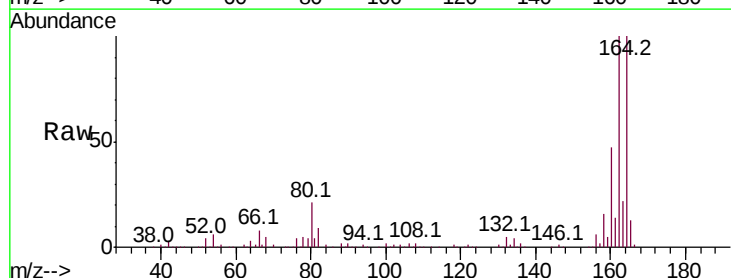
Instrument :
 BNA_F
 ClientSampleId :

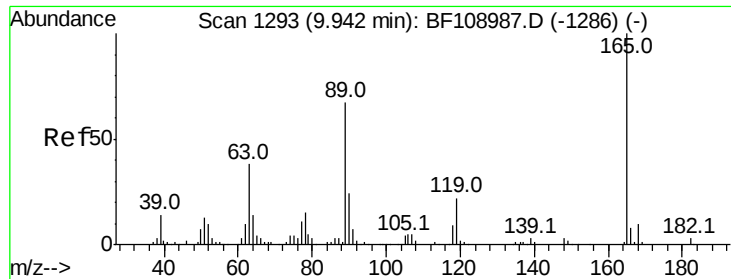
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.7	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.961 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109205.D
 Acq: 21 Sep 2018 1:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.8	44.0	66.0#

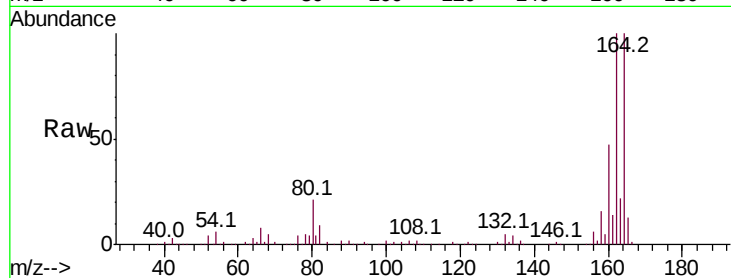




#56
 2,4-Dinitrotoluene
 Concen: 6.087 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109205.D
 Acq: 21 Sep 2018 1:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

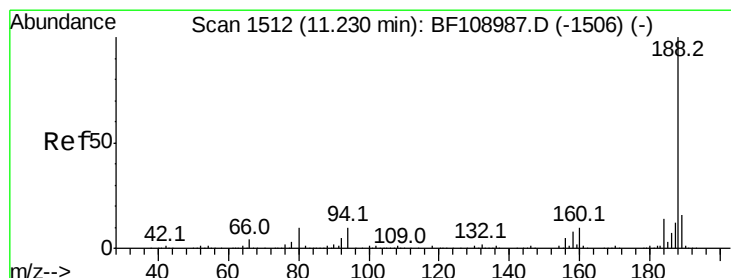
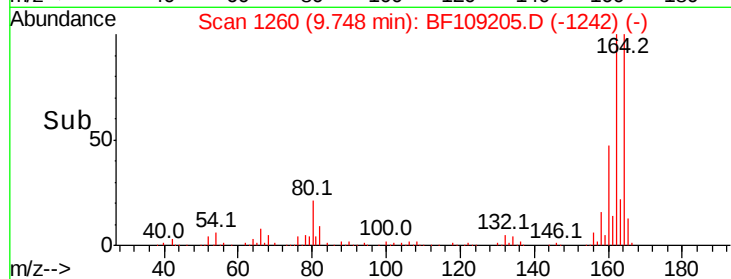
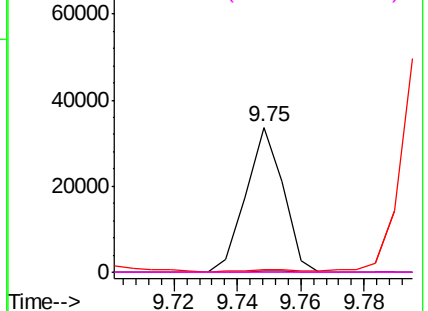


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

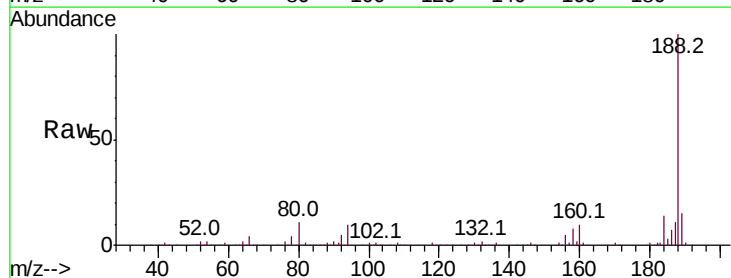
Ion 89.00 (88.70 to 89.70): BF1

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: BF109205.D
 Acq: 21 Sep 2018 1:46

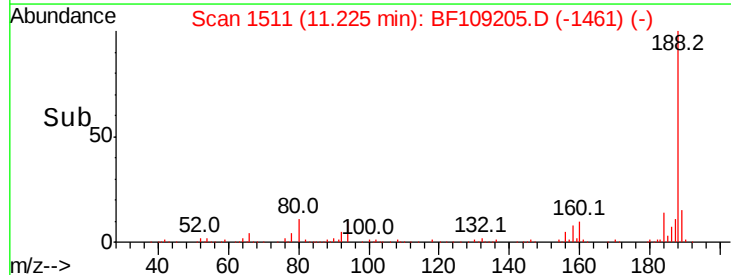
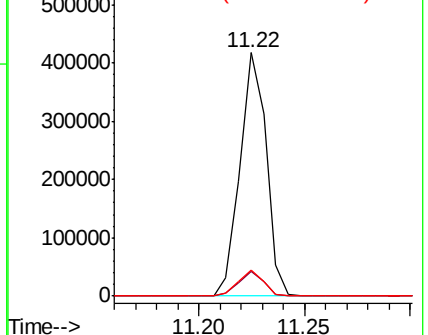
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8

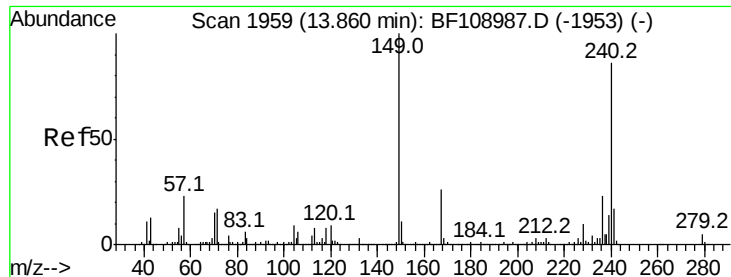


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF109205.D

Acq: 21 Sep 2018 1:46

Instrument :

BNA_F

ClientSampleId :

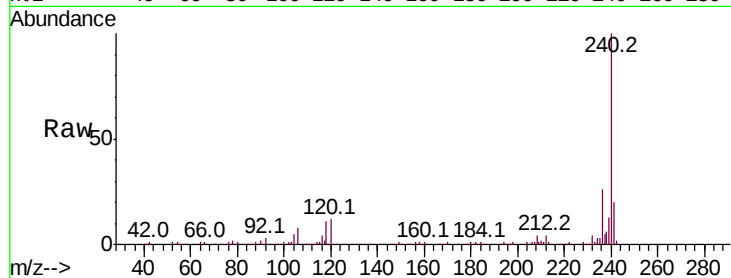
Tot Ion:240 Resp: 237169

Ion Ratio Lower Upper

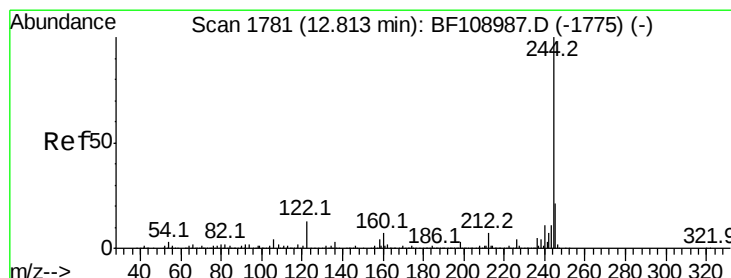
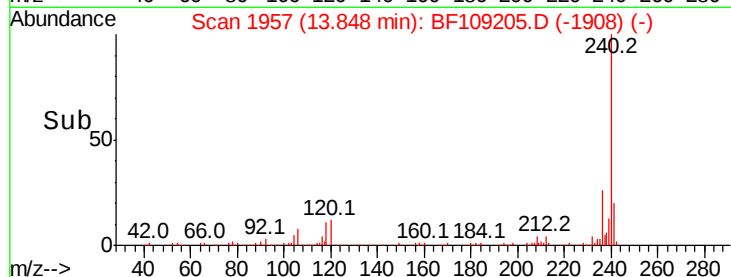
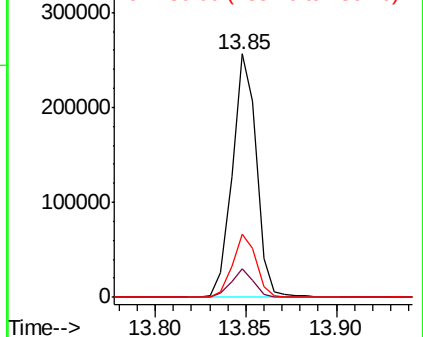
240 100

120 11.6 9.5 14.3

236 25.9 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: 7.544 ng

RT: 12.80 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF109205.D

Acq: 21 Sep 2018 1:46

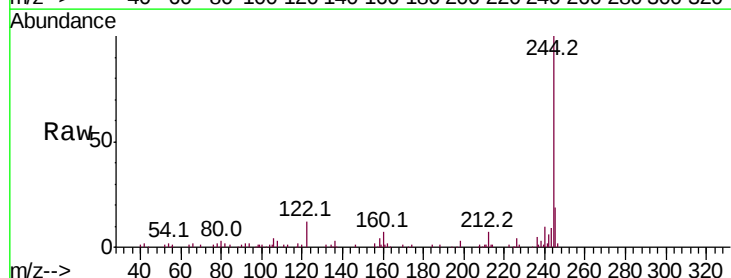
Tgt Ion:244 Resp: 75481

Ion Ratio Lower Upper

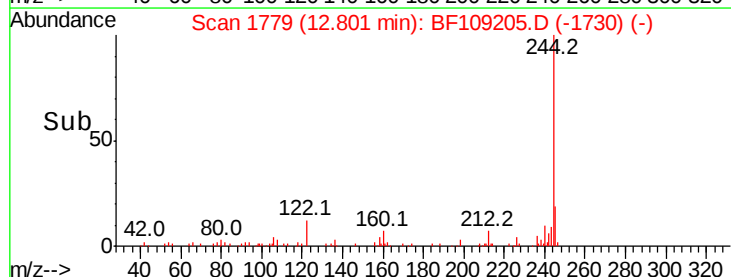
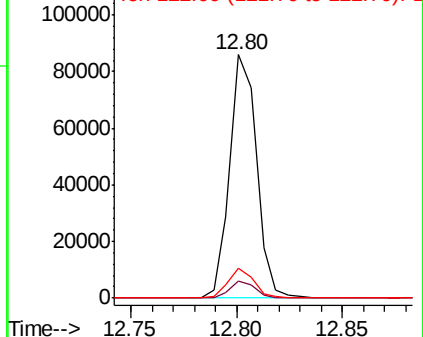
244 100

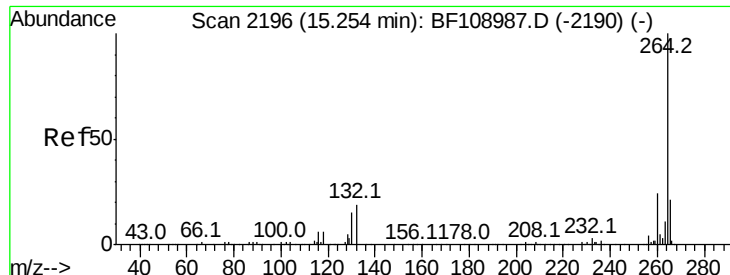
212 6.8 5.4 8.0

122 12.4 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

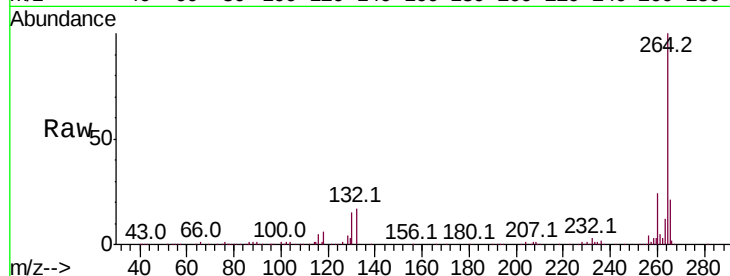




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109205.D
Acq: 21 Sep 2018 1:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

