

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108387.D
 Acq On : 22 Aug 2018 17:06
 Operator : JU/SJ
 Sample : J4566-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 18:43:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

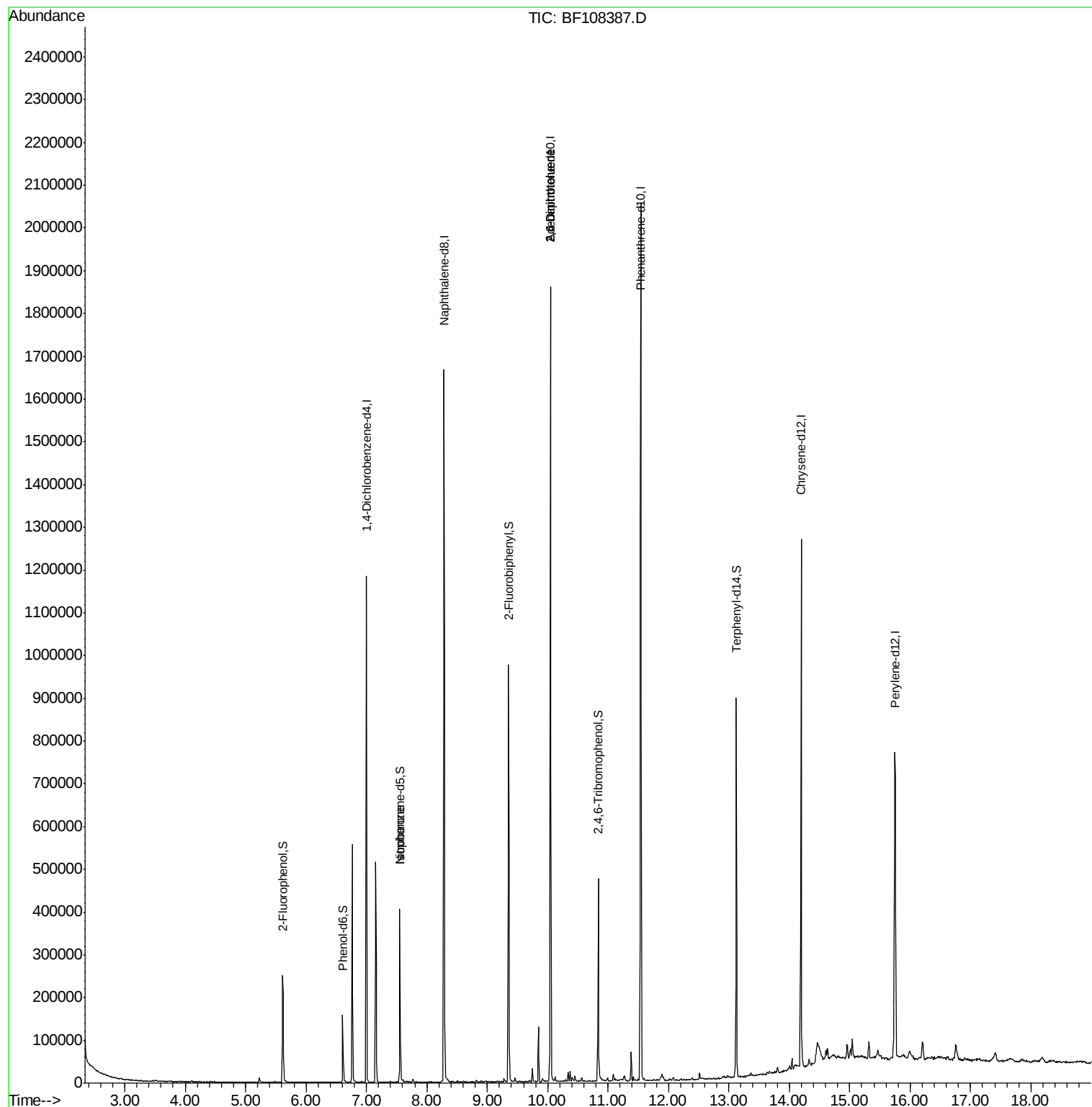
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	174317	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	694395	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	352179	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	680490	20.00	ng	0.00
75) Chrysene-d12	14.19	240	409854	20.00	ng	0.00
86) Perylene-d12	15.75	264	361882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	65083	6.76	ng	-0.02
7) Phenol-d6	6.61	99	56496	4.42	ng	-0.02
23) Nitrobenzene-d5	7.55	82	131033	10.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	57922	16.49	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	275569	12.56	ng	-0.01
78) Terphenyl-d14	13.12	244	300084	18.62	ng	0.00
Target Compounds						
25) Isophorone	7.55	82	131032	5.524	ng	# 64
50) 2,6-Dinitrotoluene	10.05	165	45134	8.794	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	45134	6.832	ng	# 23

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

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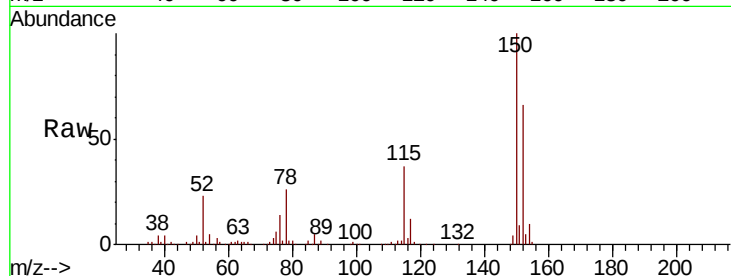


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	56.5	50.1	75.1

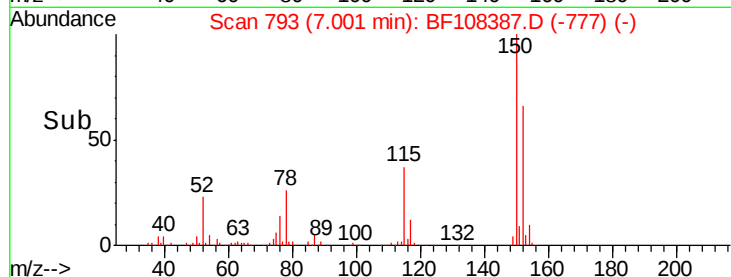
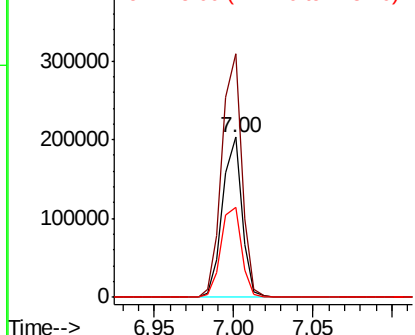


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

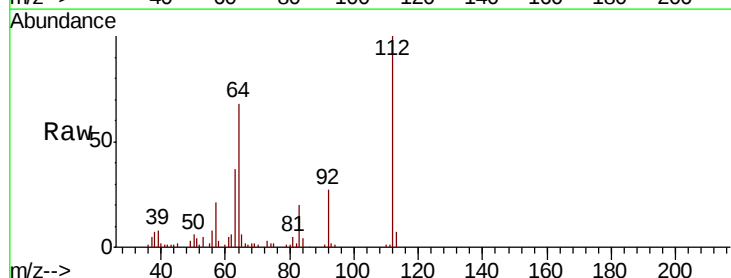
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.760 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	47.9	71.9
63	37.1	23.7	35.5

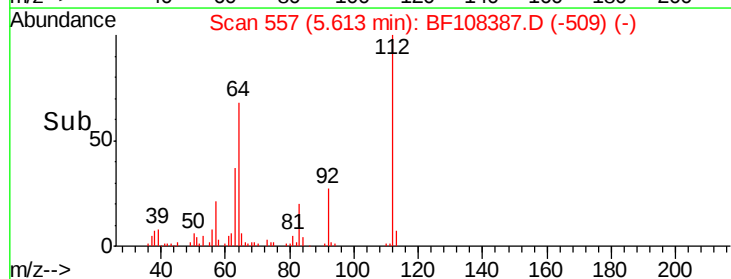
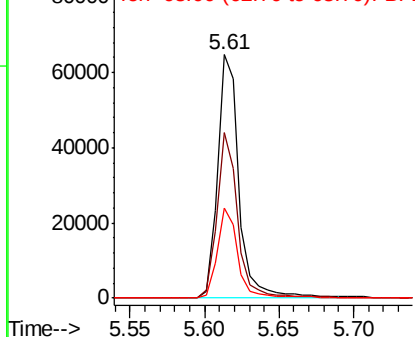


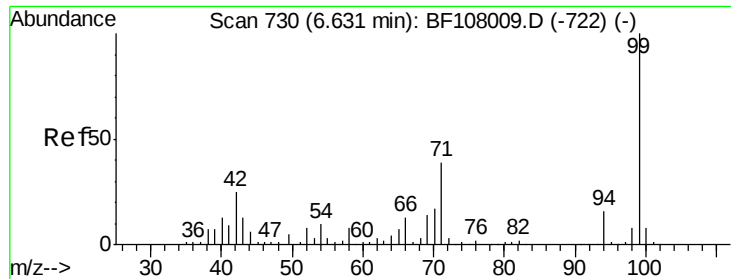
Abundance

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: 4.416 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF108387.D

Acq: 22 Aug 2018 17:06

Instrument :

BNA_M

ClientSampleId :

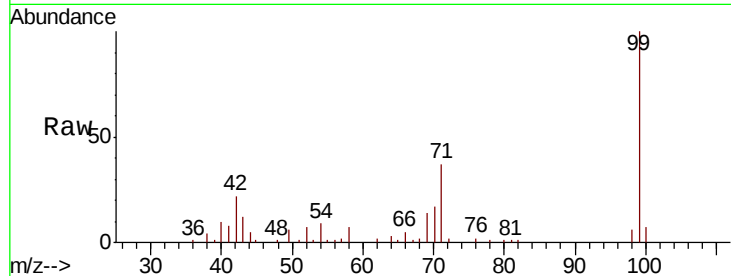
Tot Ion: 99 Resp: 56496

Ion Ratio Lower Upper

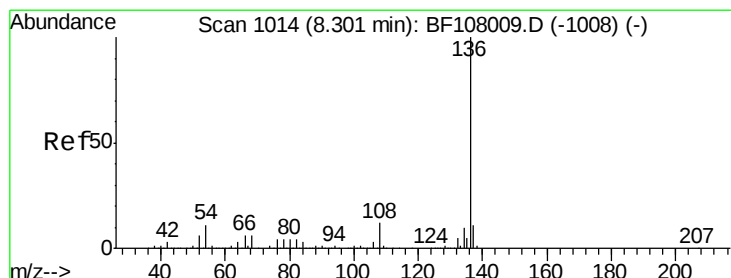
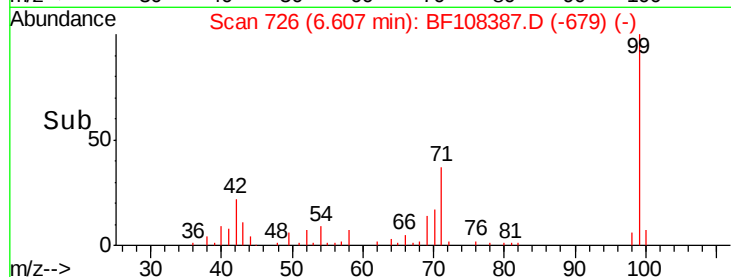
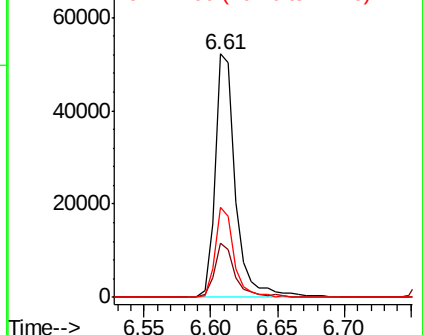
99 100

42 22.4 14.5 21.7#

71 37.1 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108387.D

Acq: 22 Aug 2018 17:06

Tgt Ion: 136 Resp: 694395

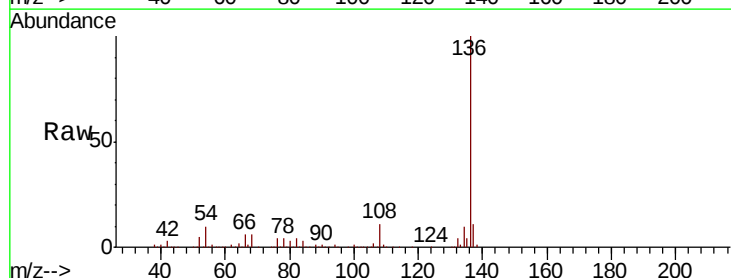
Ion Ratio Lower Upper

136 100

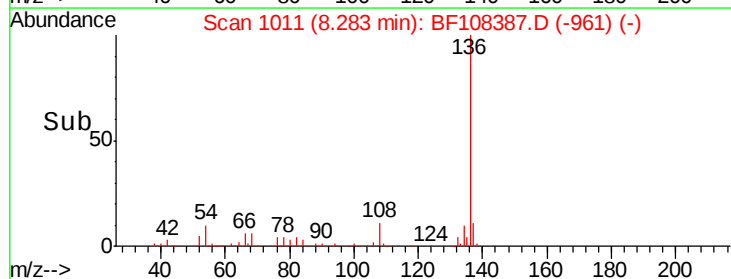
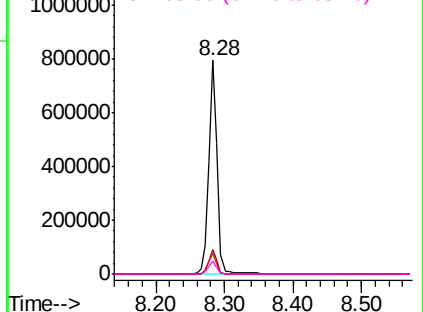
137 11.4 8.9 13.3

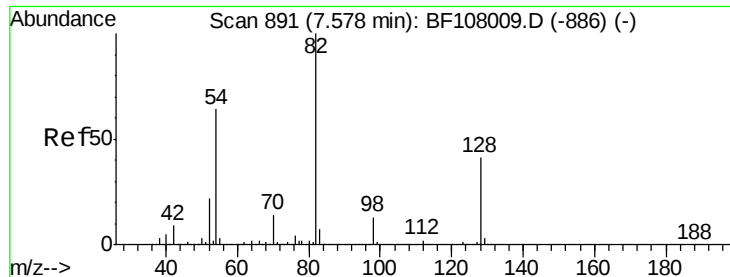
54 9.8 6.6 9.8#

68 6.3 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

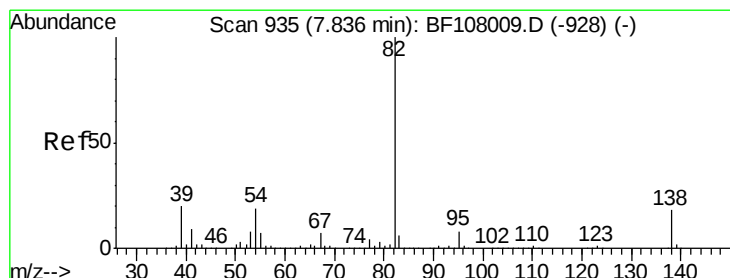
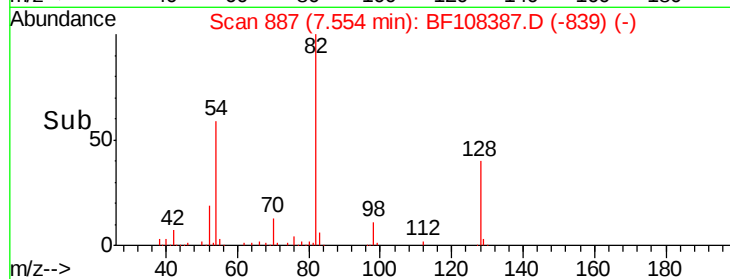
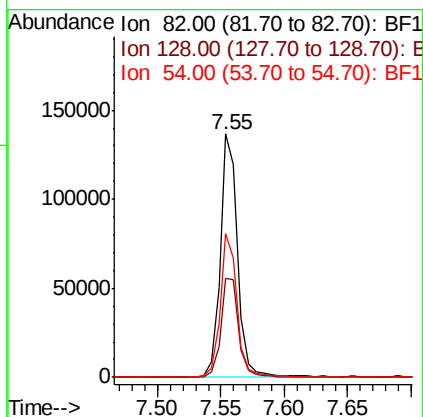
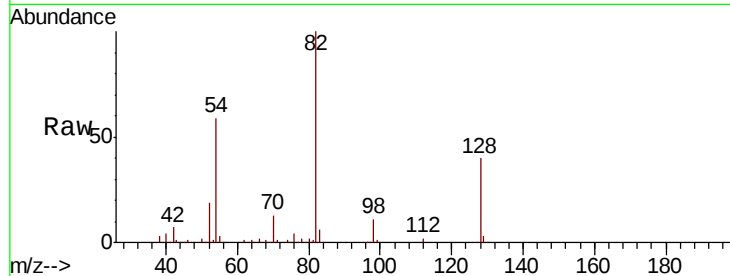




#23
Nitrobenzene-d5
Concen: 10.530 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

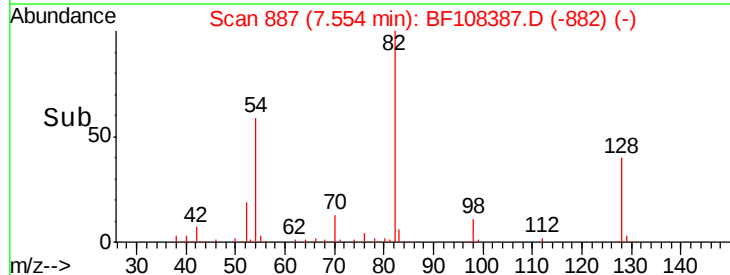
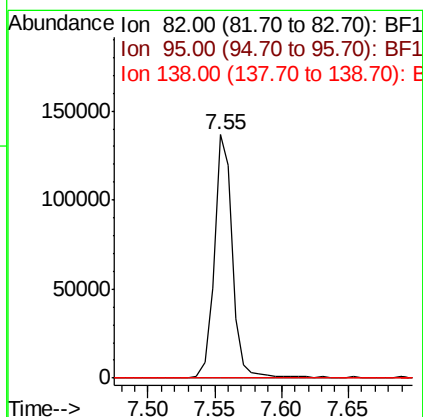
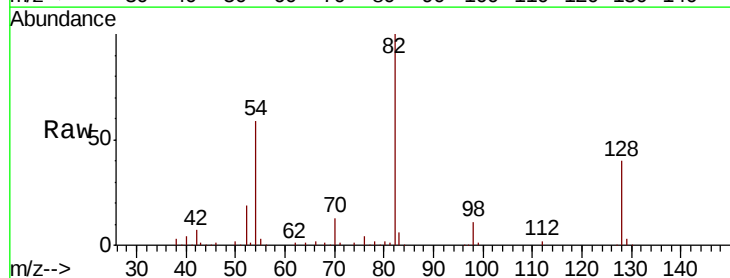
Instrument :
BNA_M
ClientSampleId :

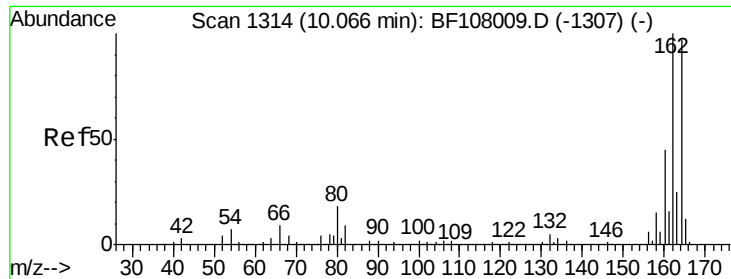
Tot Ion	82	Resp	131033
Ion Ratio	Lower	Upper	
82	100		
128	40.4	36.1	54.1
54	59.0	41.4	62.2



#25
Isophorone
Concen: 5.524 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.27 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion	82	Resp	131032
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

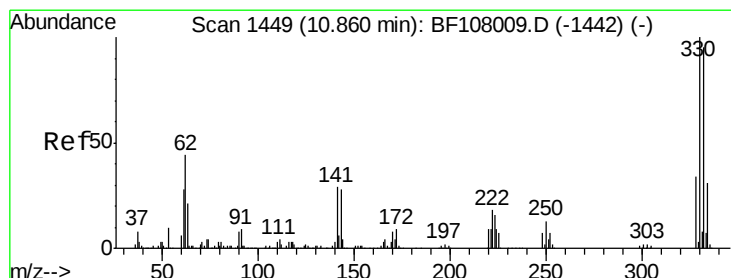
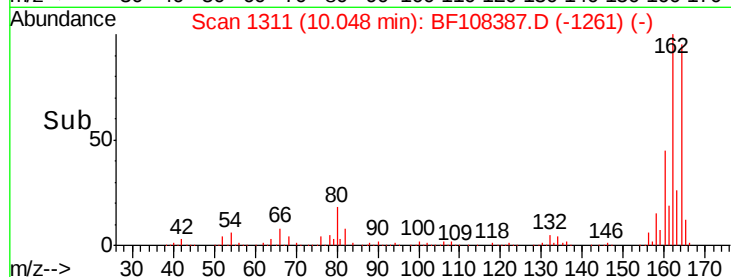
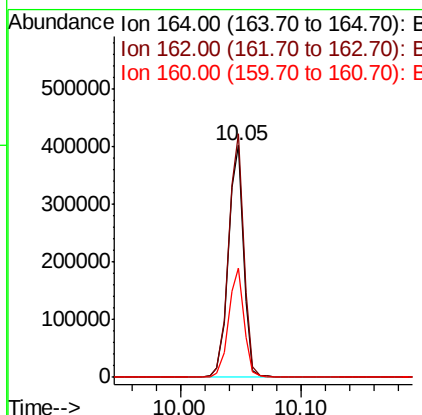
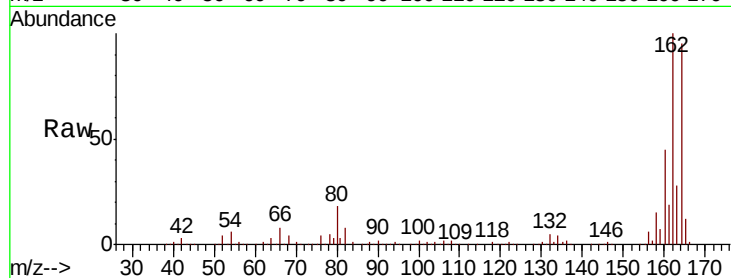




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108387.D
 Acq: 22 Aug 2018 17:06

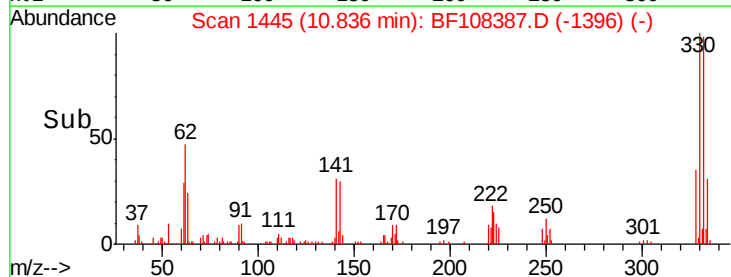
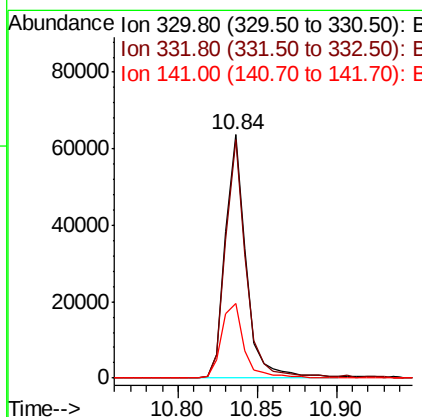
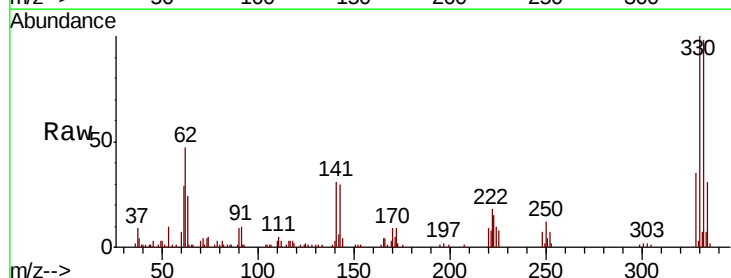
Instrument :
 BNA_M
 ClientSampled :

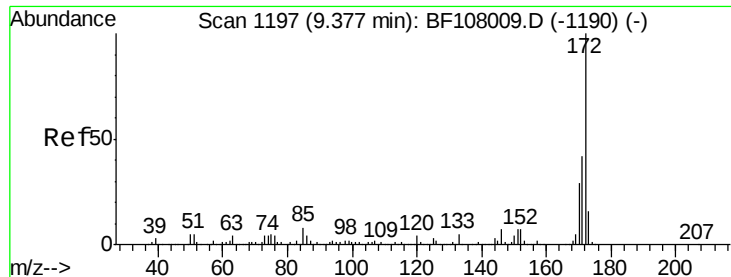
Tot Ion:164 Resp: 352179
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 16.488 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108387.D
 Acq: 22 Aug 2018 17:06

Tgt Ion:330 Resp: 57922
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 33.3 29.9 44.9

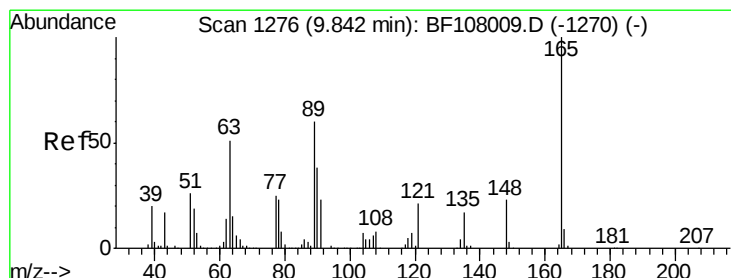
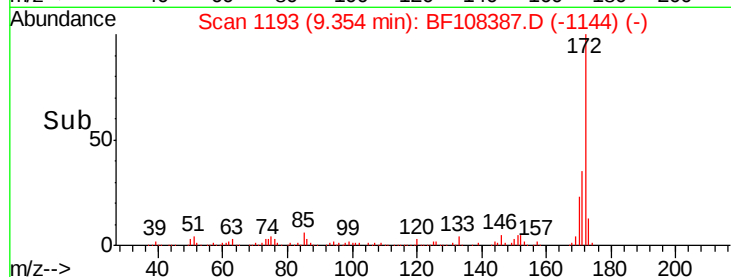
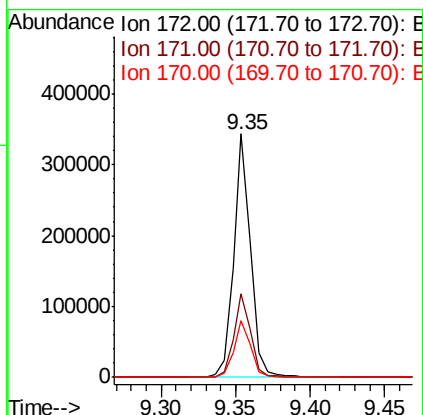
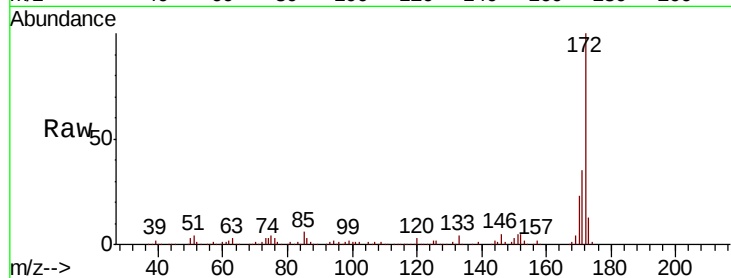




#44
2-Fluorobiphenyl
Concen: 12.562 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

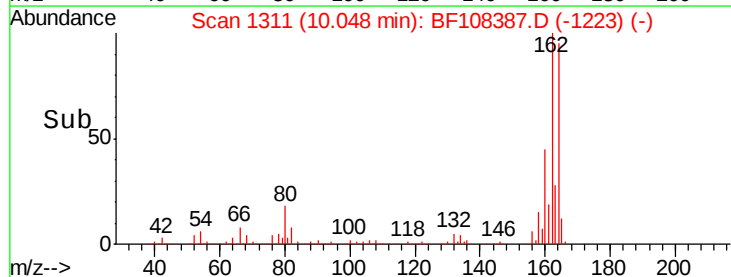
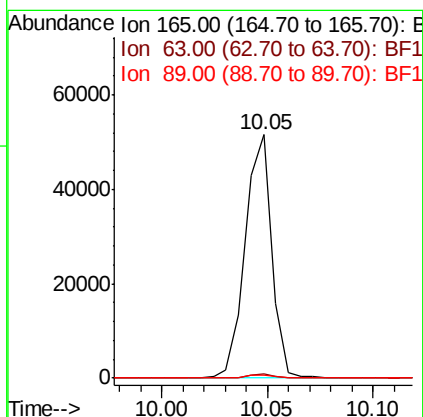
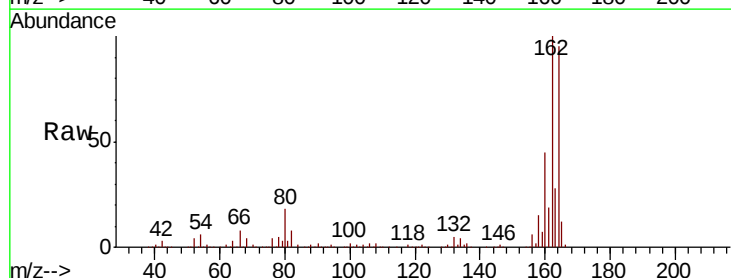
Instrument :
BNA_M
ClientSampleId :

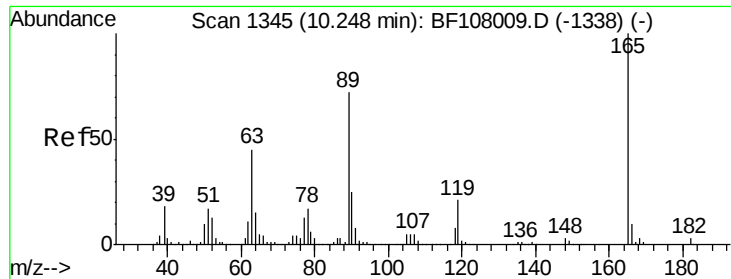
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.4	19.6	29.4



#50
2,6-Dinitrotoluene
Concen: 8.794 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.22 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.2	44.0	66.0#

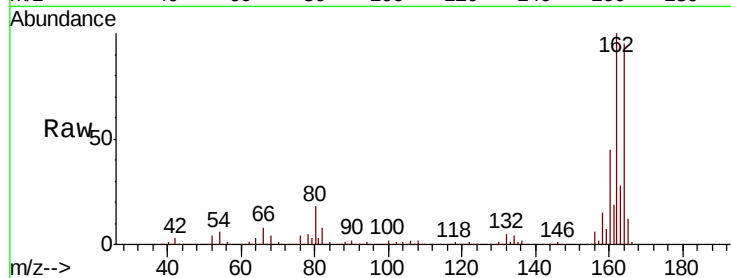




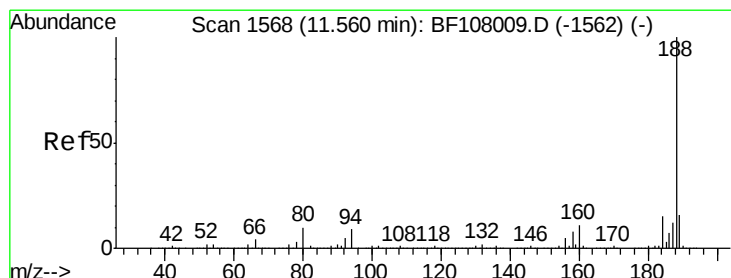
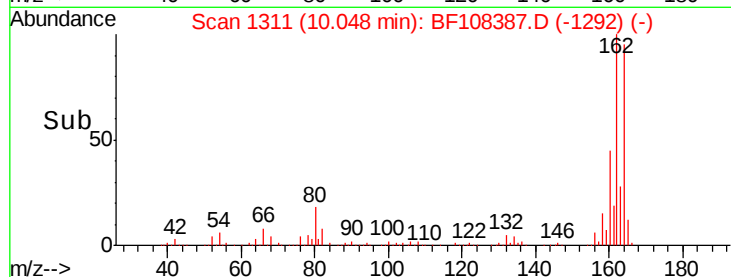
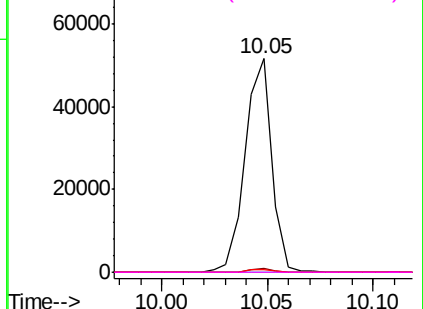
#56
 2,4-Dinitrotoluene
 Concen: 6.832 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.19 min
 Lab File: BF108387.D
 Acq: 22 Aug 2018 17:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165	Resp:	45134
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#

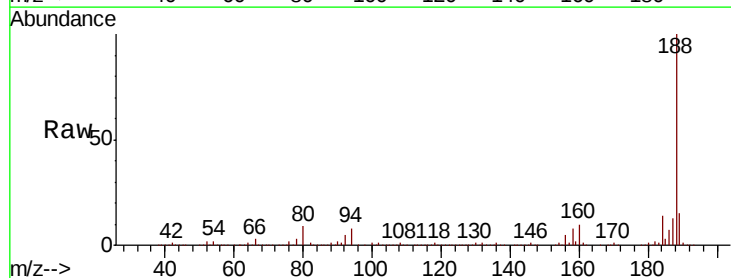


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

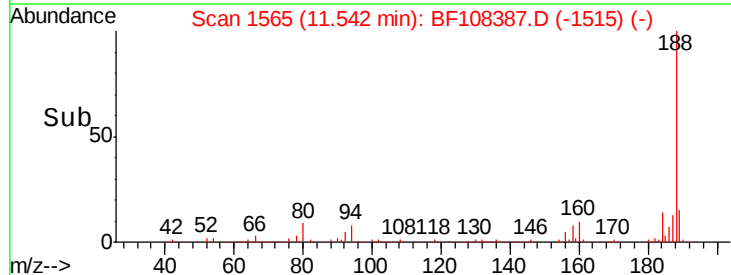
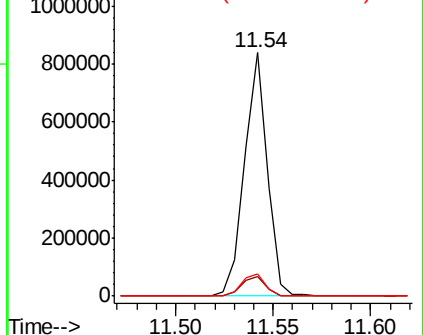


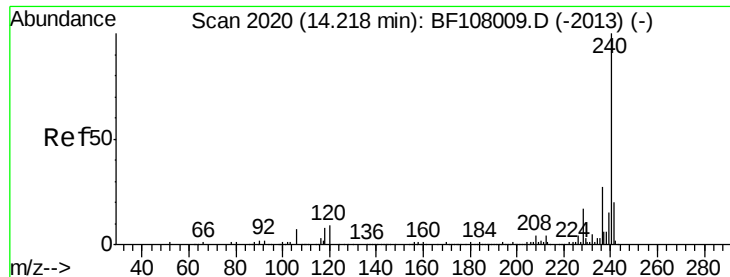
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108387.D
 Acq: 22 Aug 2018 17:06

Tgt Ion:188	Resp:	680490
Ion Ratio	Lower	Upper
188	100	
94	8.2	8.5 12.7#
80	9.2	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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108387.D

Acq: 22 Aug 2018 17:06

Instrument :

BNA_M

ClientSampleId :

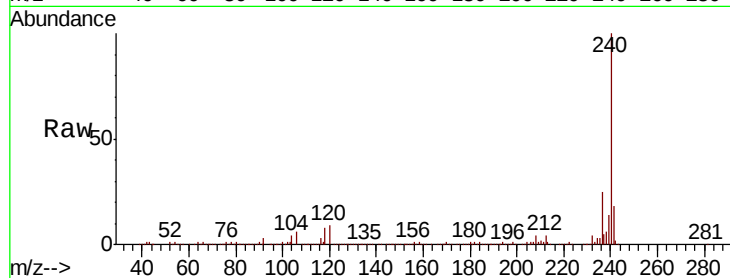
Tot Ion:240 Resp: 409854

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

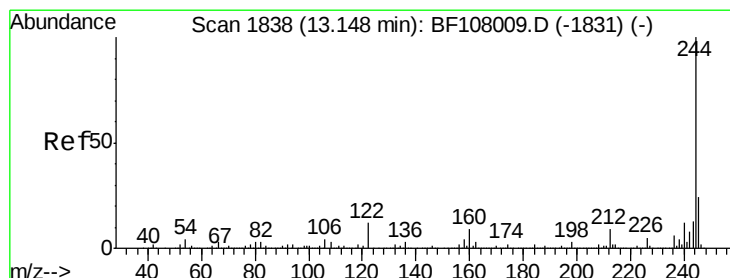
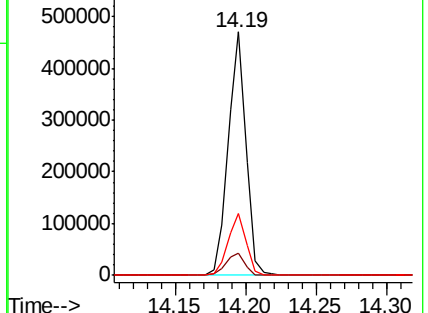
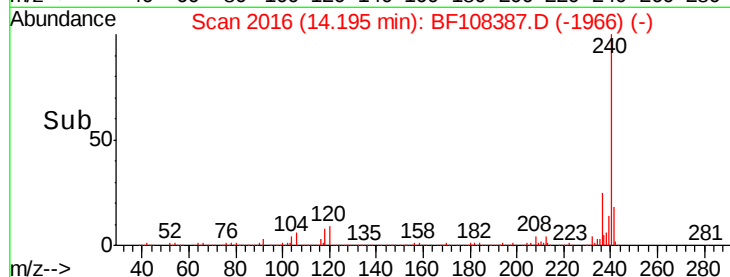
236 25.3 20.7 31.1



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: 18.616 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108387.D

Acq: 22 Aug 2018 17:06

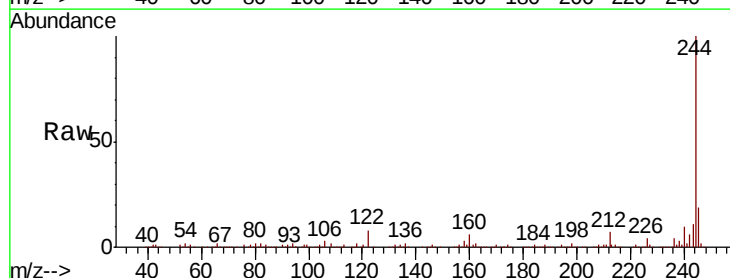
Tgt Ion:244 Resp: 300084

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

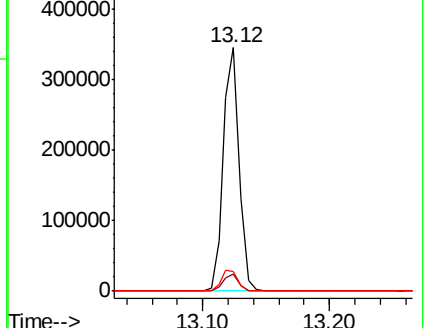
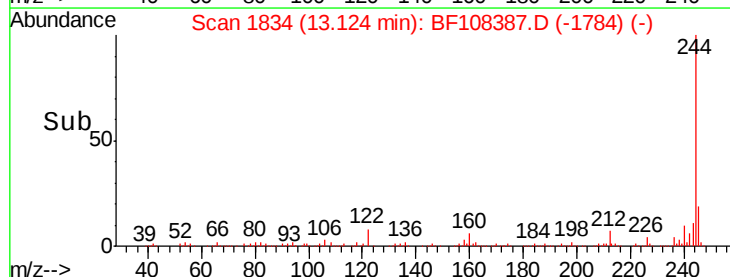
122 8.2 11.0 16.4#

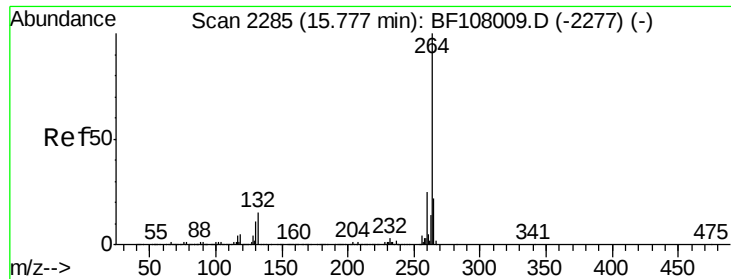


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108387.D
Acq: 22 Aug 2018 17:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.5	26.3

