

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108395.D
 Acq On : 22 Aug 2018 20:45
 Operator : JU/SJ
 Sample : J4278-07 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 02:17:20 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

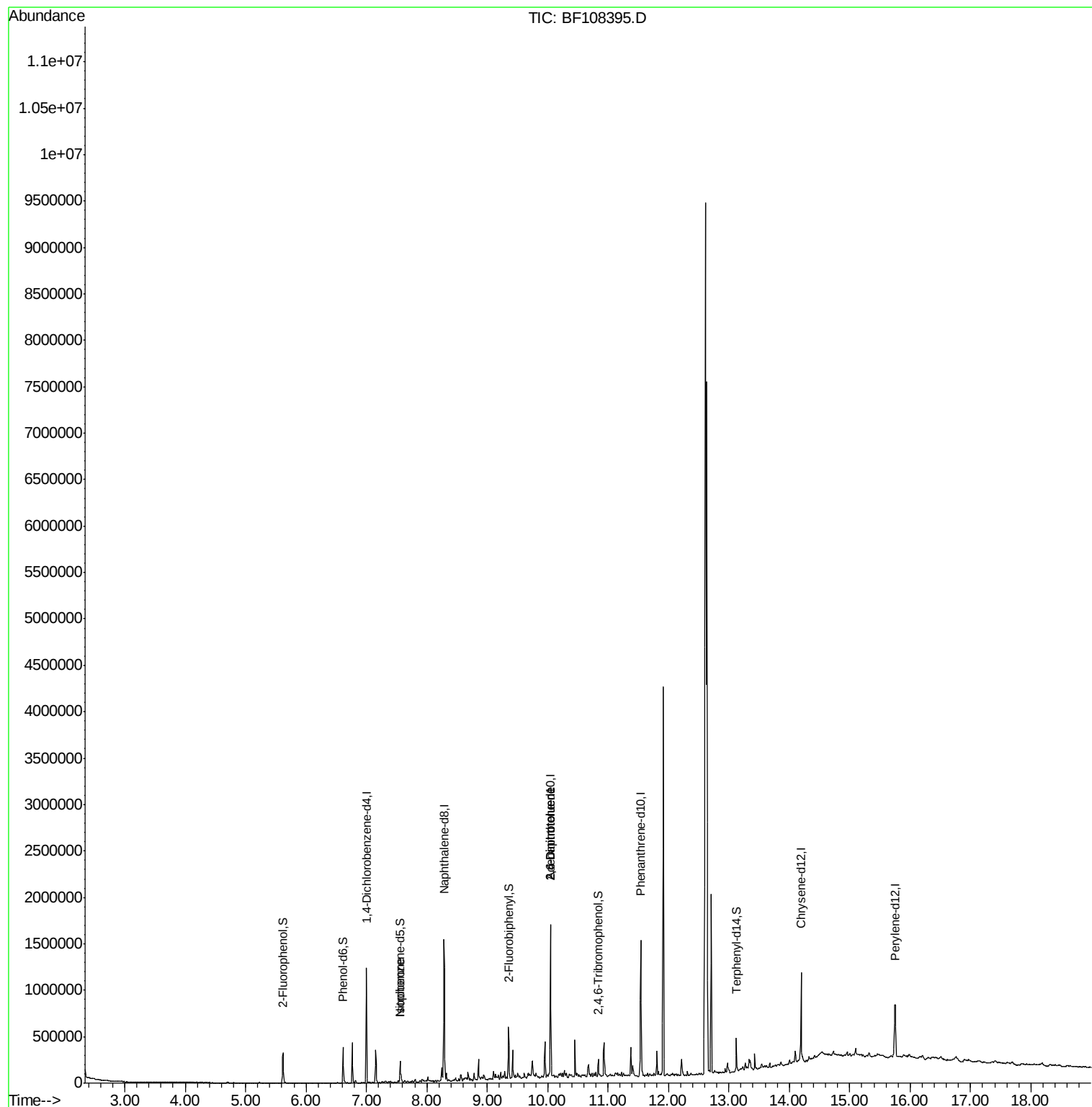
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	170894	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	651441	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	300811	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	479888	20.00	ng	0.00
75) Chrysene-d12	14.19	240	301964	20.00	ng	0.00
86) Perylene-d12	15.75	264	297716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	85167	9.02	ng	-0.01
7) Phenol-d6	6.61	99	121230	9.66	ng	-0.02
23) Nitrobenzene-d5	7.56	82	75046	6.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	20536	6.84	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	154351	8.24	ng	-0.01
78) Terphenyl-d14	13.12	244	101656	8.56	ng	0.00
Target Compounds						
25) Isophorone	7.56	82	74913	3.367	ng	# 65
50) 2,6-Dinitrotoluene	10.05	165	40355	9.205	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	40355	7.151	ng	# 24

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108395.D
Acq On : 22 Aug 2018 20:45
Operator : JU/SJ
Sample : J4278-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 23 02:17:20 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



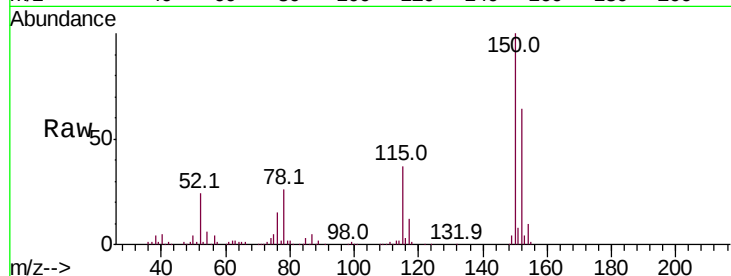


#1

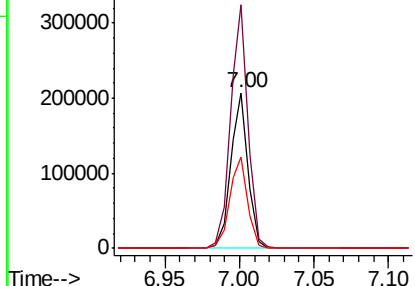
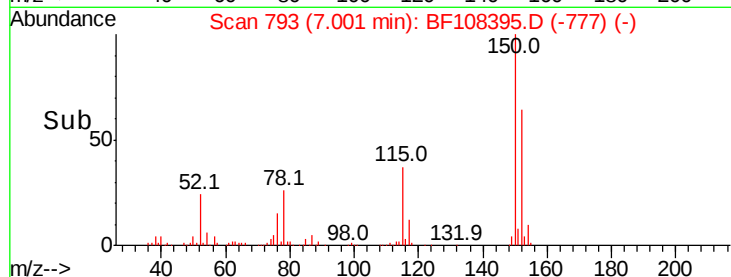
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108395.D
Acq: 22 Aug 2018 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170894
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.5 50.1 75.1



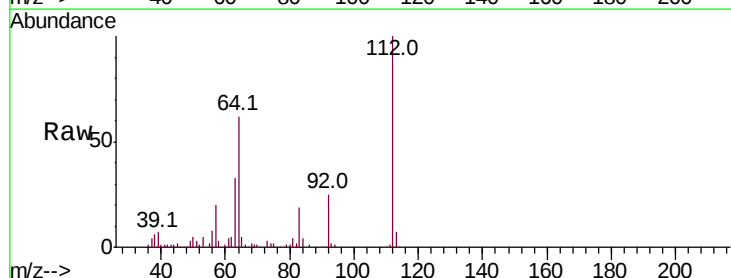
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



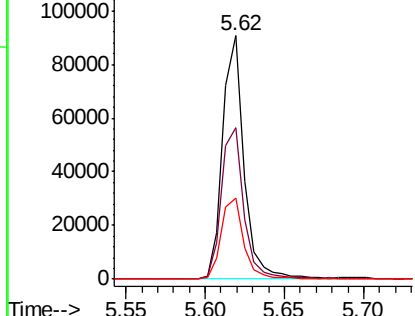
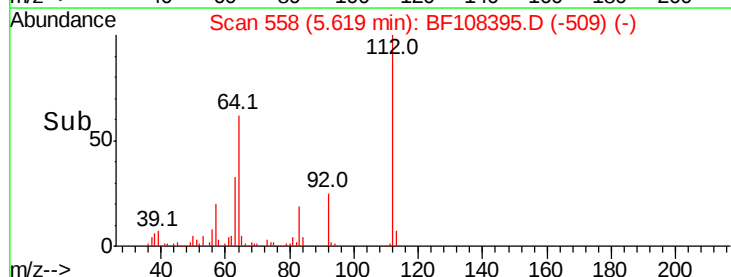
#5

2-Fluorophenol
Concen: 9.023 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108395.D
Acq: 22 Aug 2018 20:45

Tgt Ion:112 Resp: 85167
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 33.3 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: 9.665 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108395.D

Acq: 22 Aug 2018 20:45

Instrument :

BNA_F

ClientSampleId :

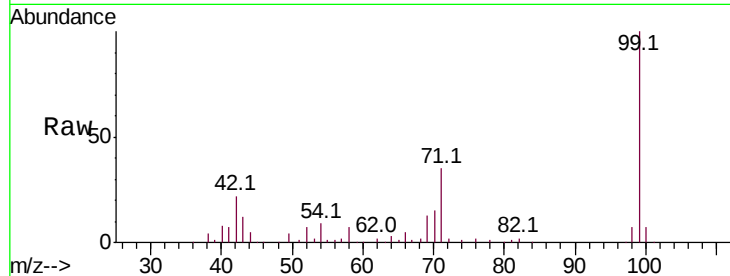
Tot Ion: 99 Resp: 121230

Ion Ratio Lower Upper

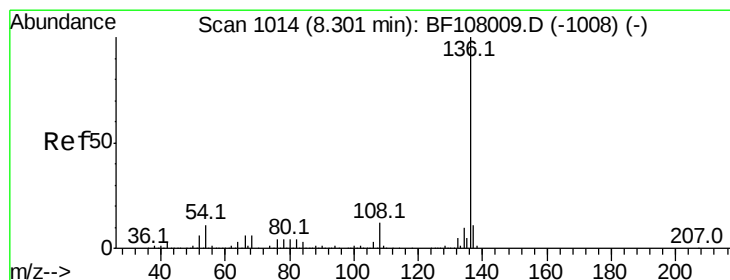
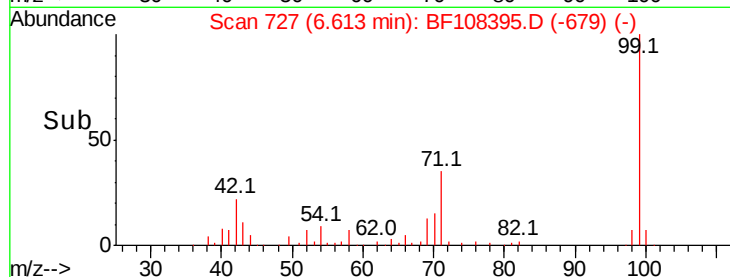
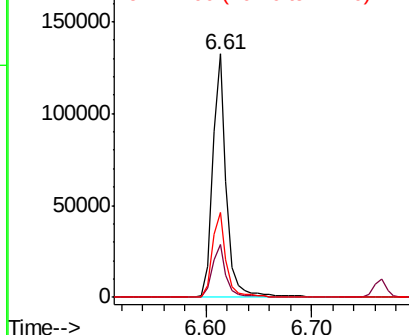
99 100

42 21.9 14.5 21.7#

71 35.1 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: BF108395.D

Acq: 22 Aug 2018 20:45

Tgt Ion: 136 Resp: 651441

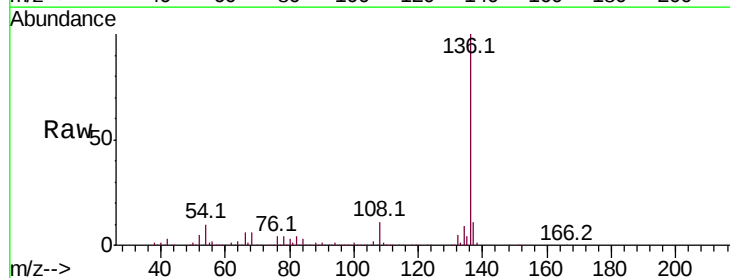
Ion Ratio Lower Upper

136 100

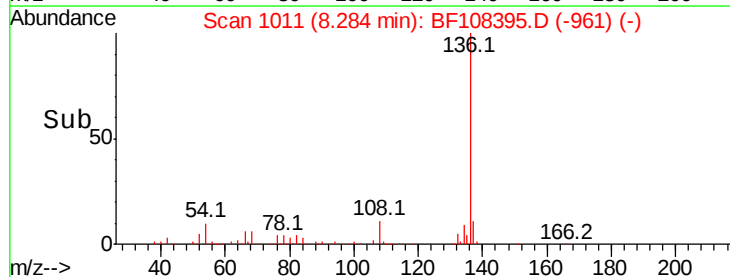
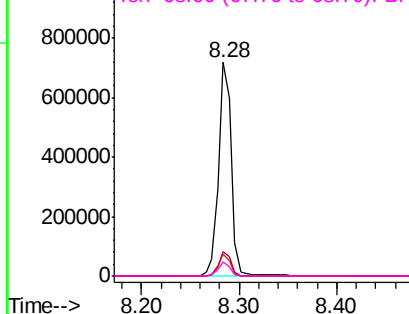
137 11.3 8.9 13.3

54 10.1 6.6 9.8#

68 6.4 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

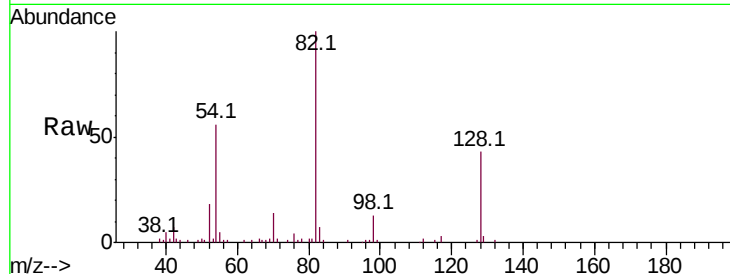




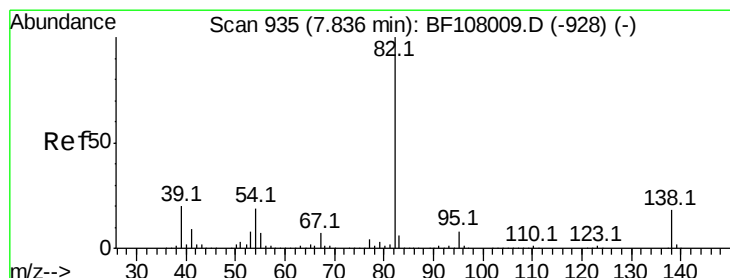
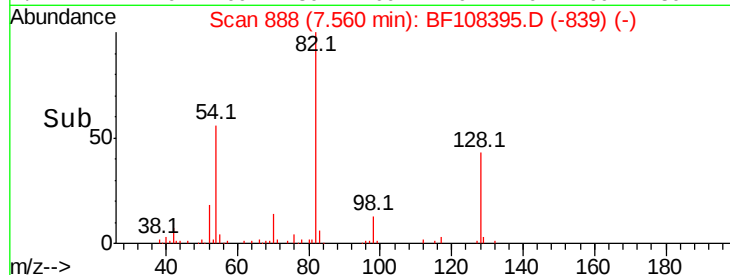
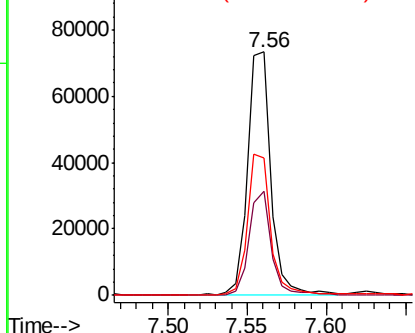
#23
 Nitrobenzene-d5
 Concen: 6.428 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 75046
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 56.5 41.4 62.2

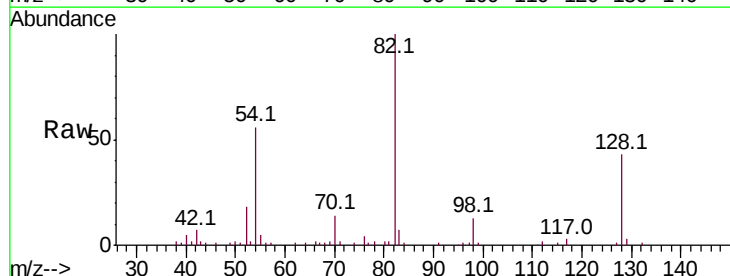


Abundance Ion 82.00 (81.70 to 82.70): BF1
 100000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

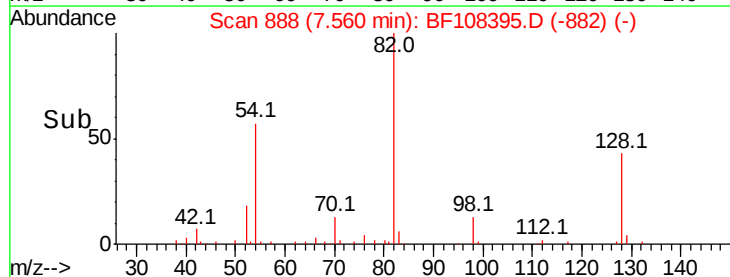
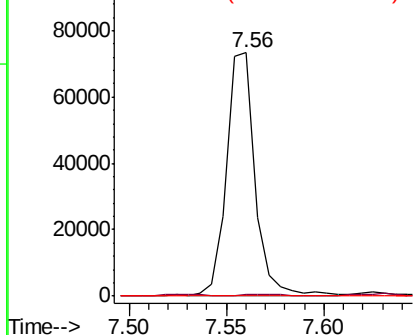


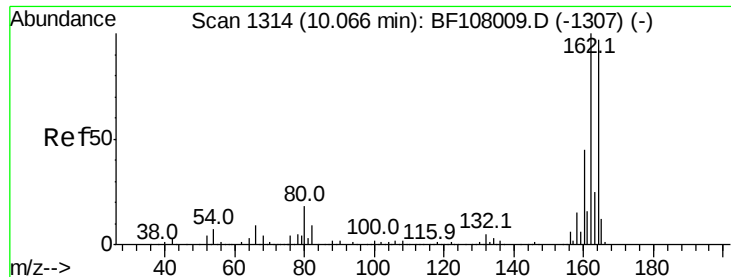
#25
 Isophorone
 Concen: 3.367 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.26 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

Tgt Ion: 82 Resp: 74913
 Ion Ratio Lower Upper
 82 100
 95 0.5 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 100000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

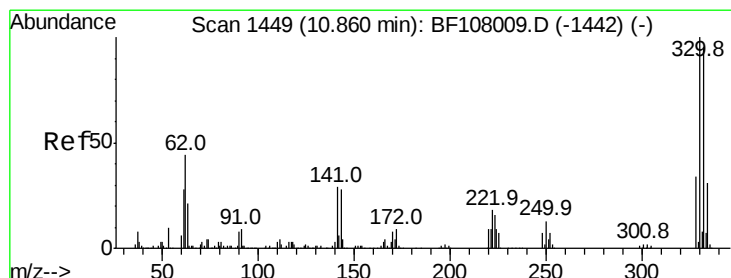
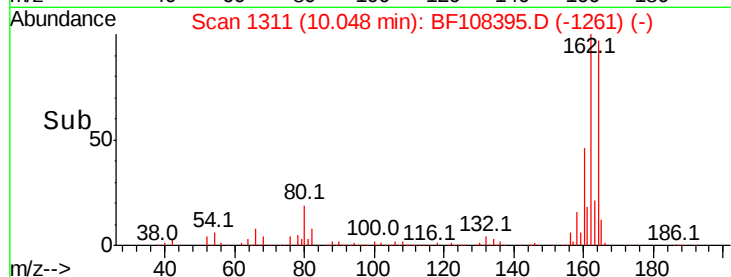
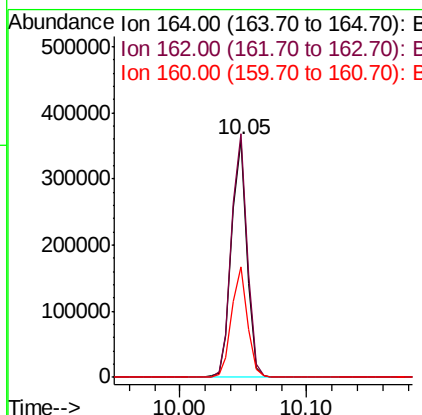
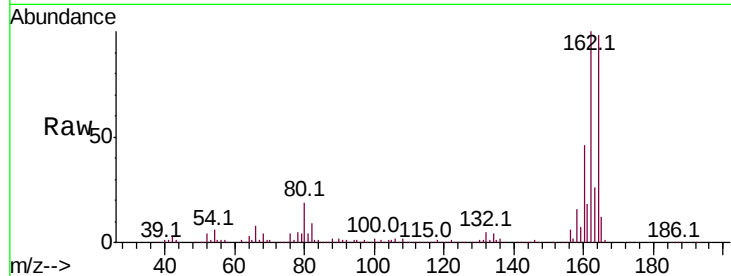




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

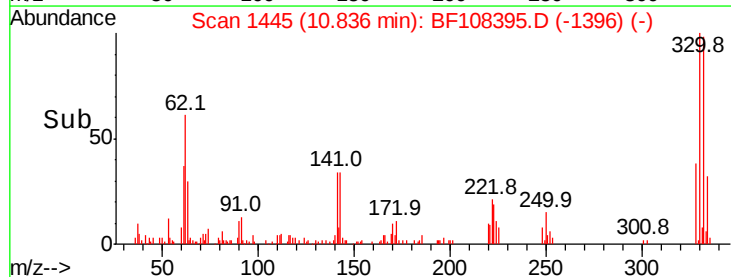
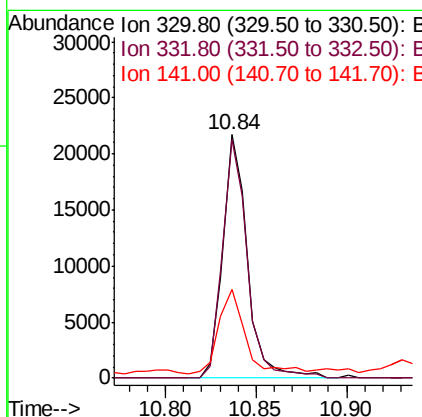
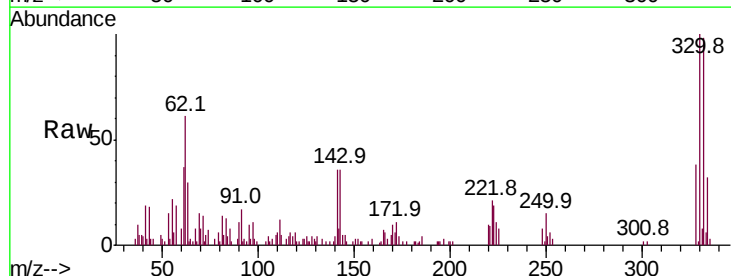
Instrument :
 BNA_F
 ClientSampleId :

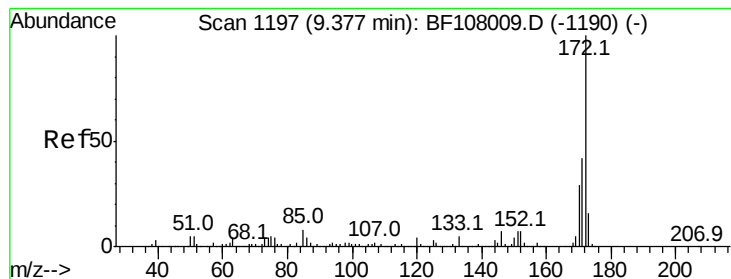
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 6.844 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	36.9	29.9	44.9

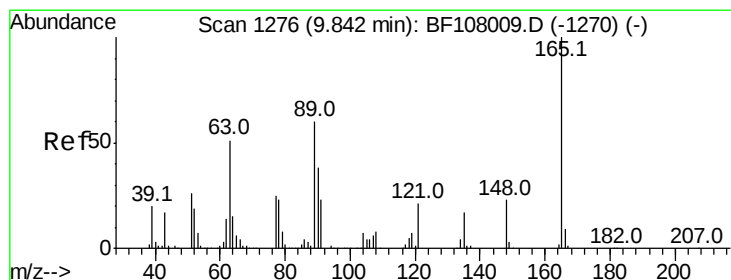
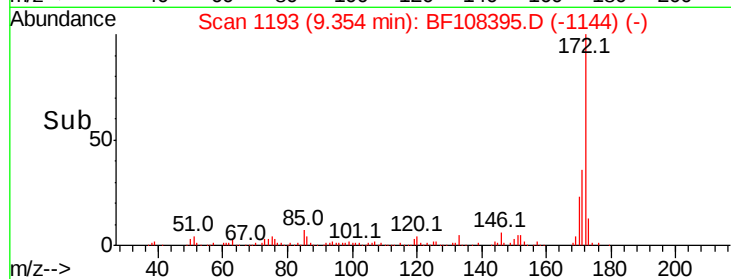
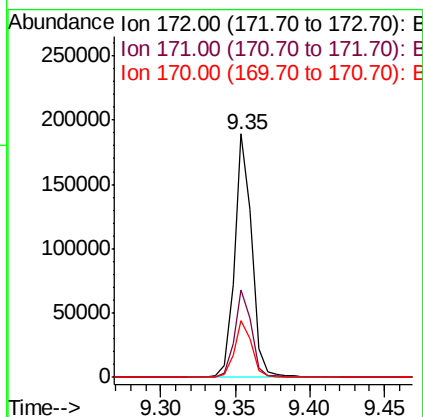
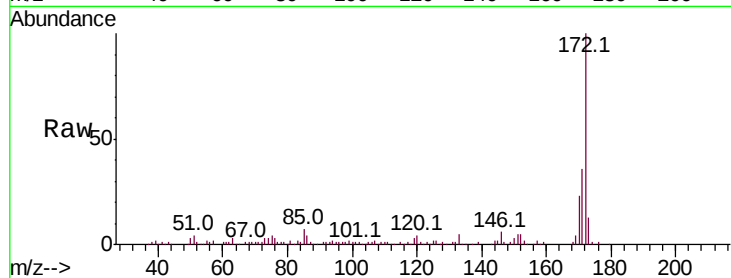




#44
 2-Fluorobiphenyl
 Concen: 8.238 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

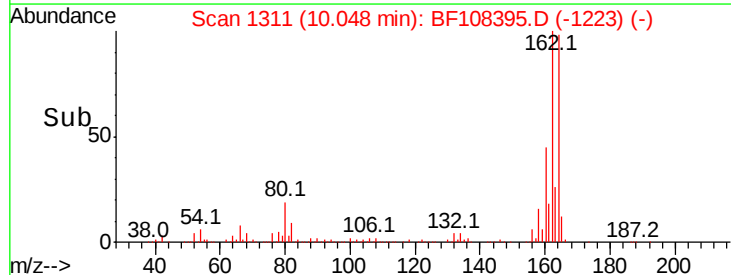
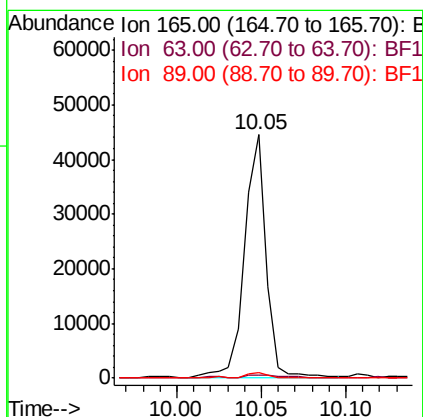
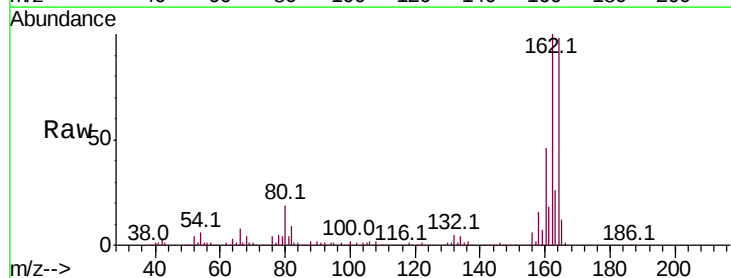
Instrument :
 BNA_F
 ClientSampleId :

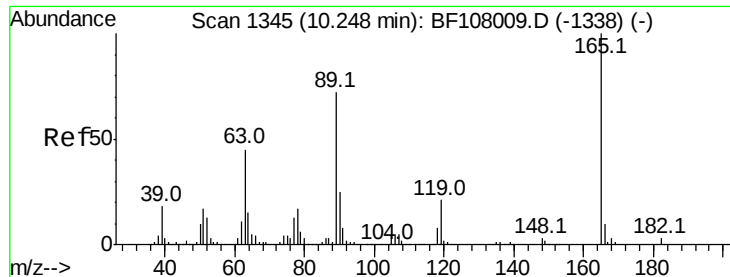
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 9.205 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.22 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	2.3	44.0	66.0#

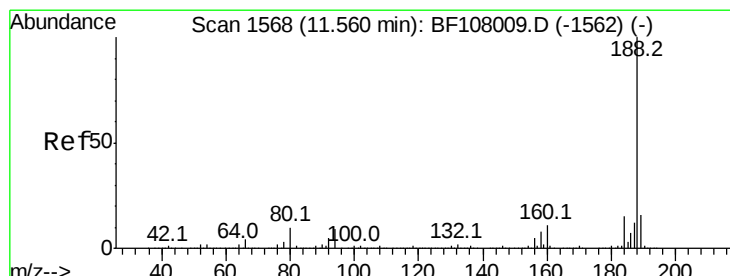
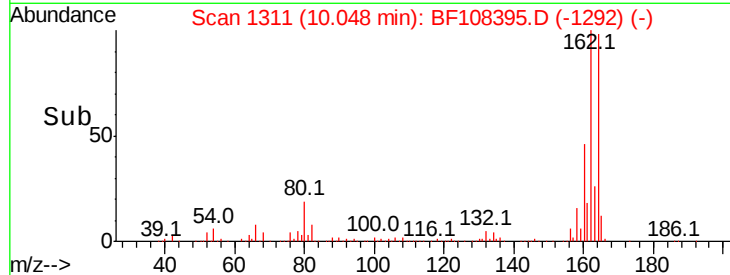
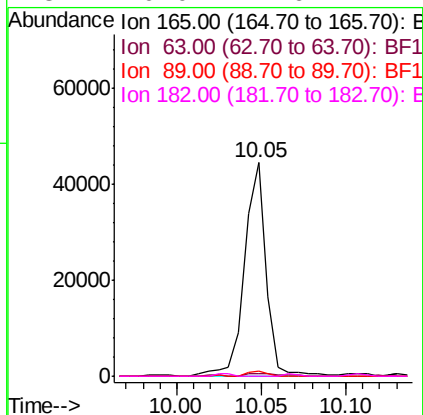
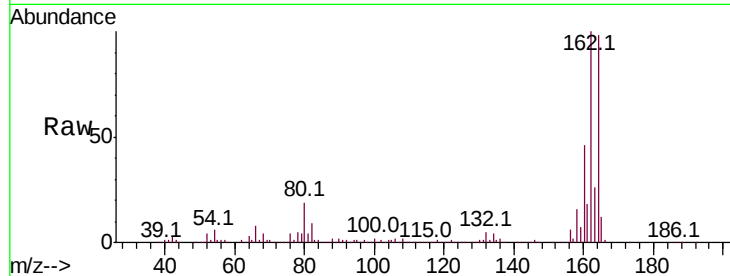




#56
 2,4-Dinitrotoluene
 Concen: 7.151 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.19 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

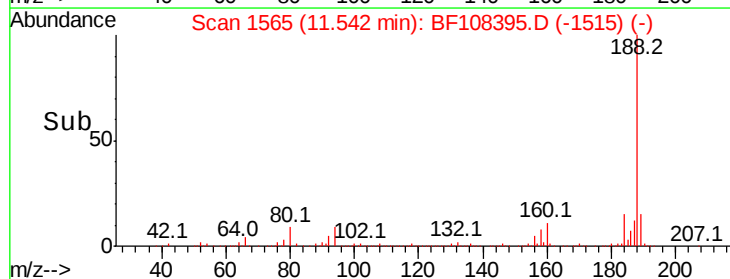
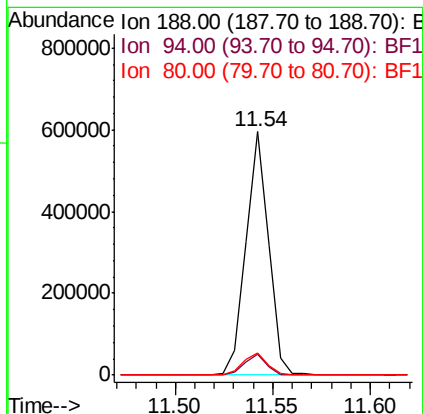
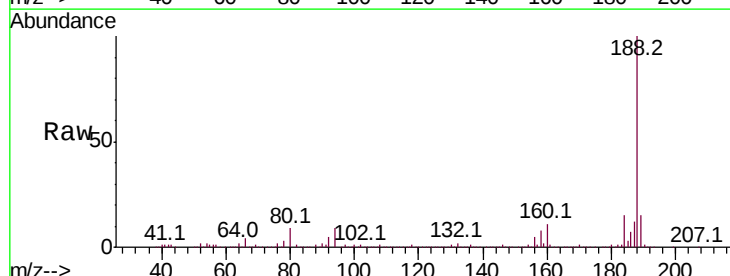
Instrument :
 BNA_F
 ClientSampleId :

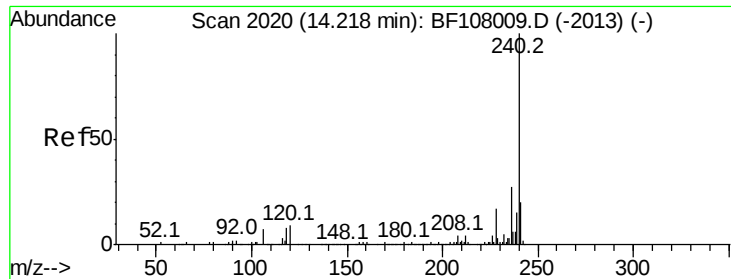
Tot Ion:165	Resp: 40355
Ion Ratio	Lower Upper
165 100	
63 1.1	36.4 54.6#
89 2.3	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108395.D
 Acq: 22 Aug 2018 20:45

Tgt	Ion:188	Resp:	479888
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.3	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108395.D

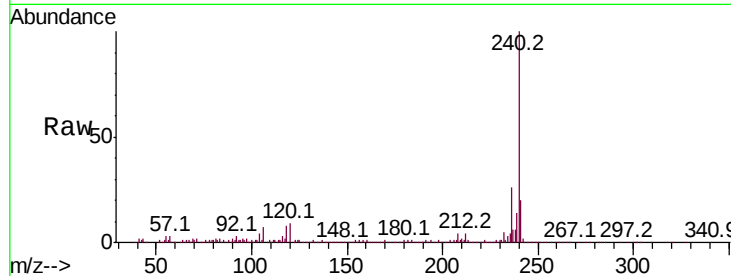
Acq: 22 Aug 2018 20:45

Instrument :

BNA_F

ClientSampled :

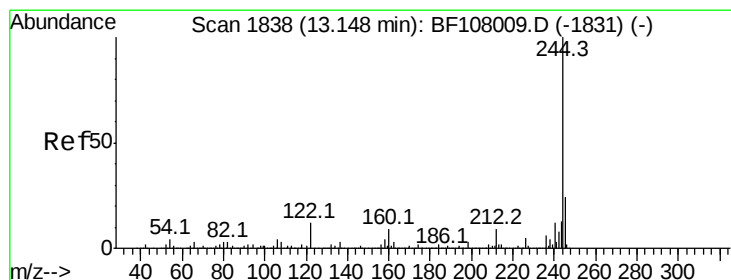
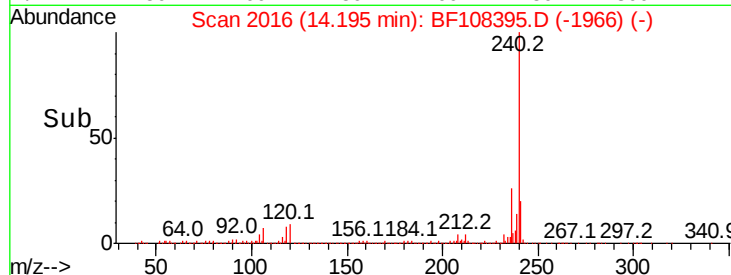
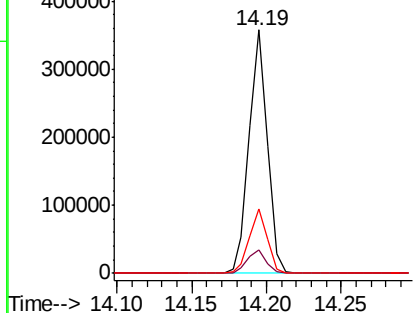
Tot Ion:	240	Resp:	301964
Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.3	20.7	31.1



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: 8.560 ng

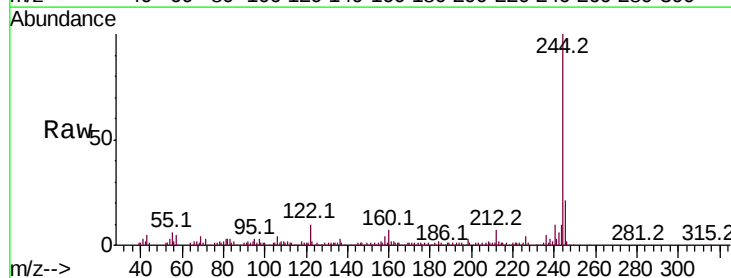
RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108395.D

Acq: 22 Aug 2018 20:45

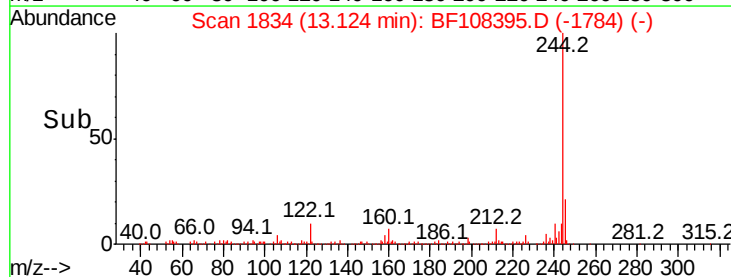
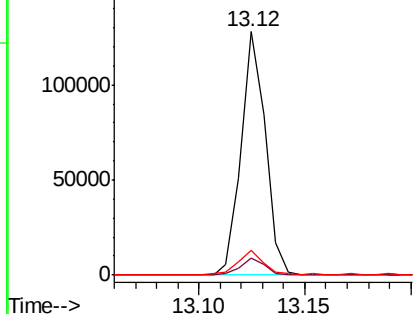
Tgt Ion:	244	Resp:	101656
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.2	11.0	16.4#

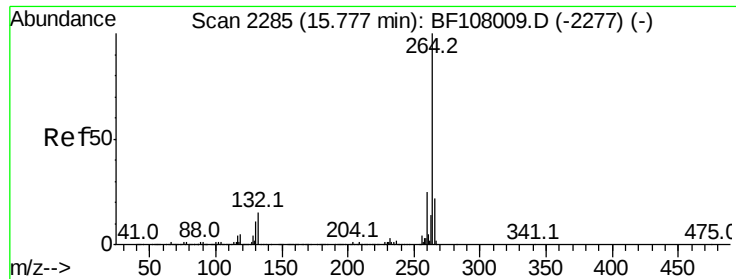


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2281
Delta R.T. -0.01 min
Lab File: BF108395.D
Acq: 22 Aug 2018 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3

