

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108391.D
 Acq On : 22 Aug 2018 18:55
 Operator : JU/SJ
 Sample : J4561-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-R-P-T-WC-1-COMPOSITE

Quant Time: Aug 23 05:02:04 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

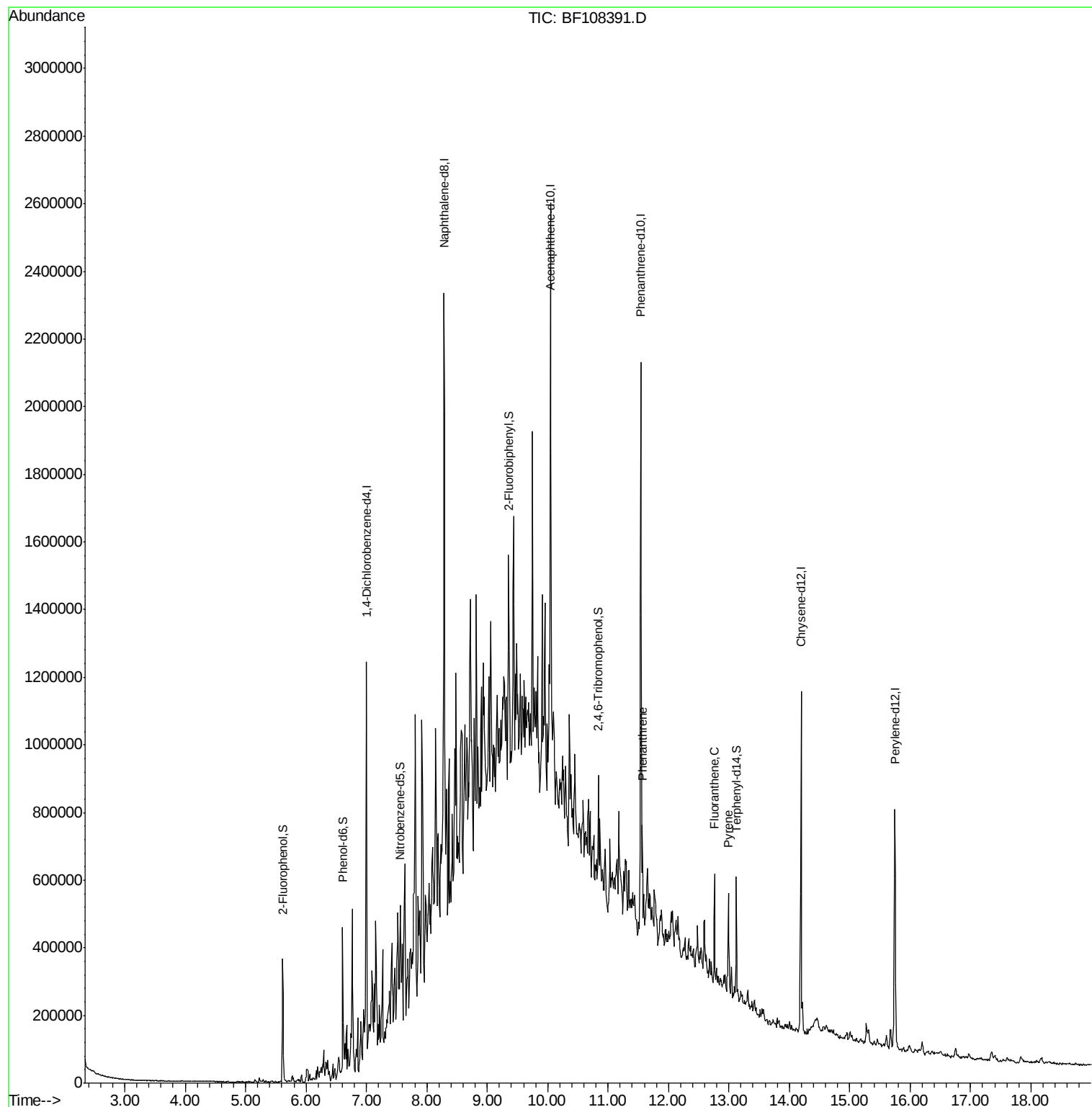
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	171202	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	626493	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	301815	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	568202	20.00	ng	0.00
75) Chrysene-d12	14.19	240	343103	20.00	ng	0.00
86) Perylene-d12	15.75	264	345809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	88656	9.38	ng	-0.02
7) Phenol-d6	6.61	99	126652	10.08	ng	-0.02
23) Nitrobenzene-d5	7.55	82	75131	6.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	27746	9.22	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	124623	6.63	ng	-0.01
78) Terphenyl-d14	13.12	244	115450	8.56	ng	0.00
Target Compounds						
70) Phenanthrene	11.57	178	85518	3.191	ng	97
74) Fluoranthene	12.76	202	113791	3.890	ng	95
77) Pyrene	12.99	202	117544	5.411	ng	98

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

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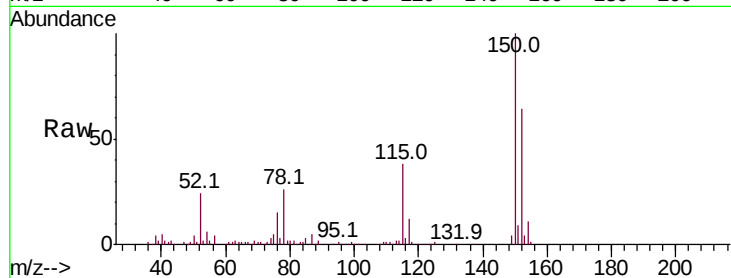


#1

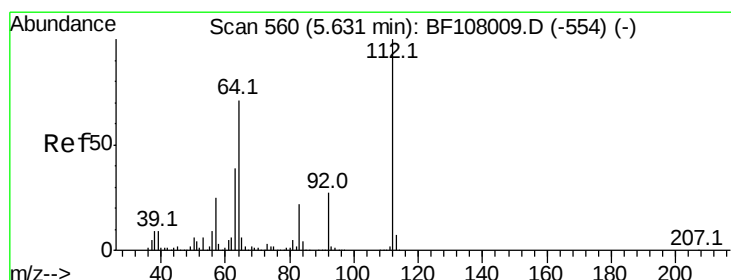
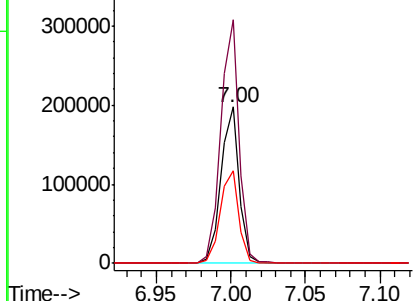
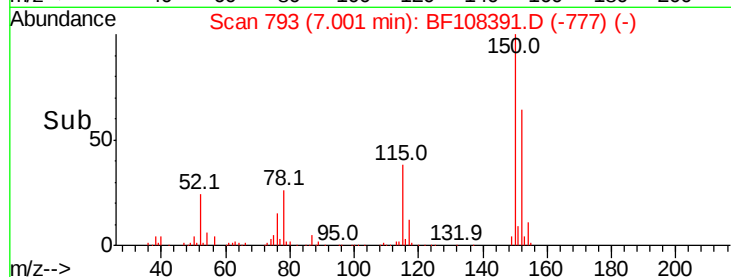
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108391.D
Acq: 22 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

Tot Ion:152 Resp: 171202
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 58.9 50.1 75.1



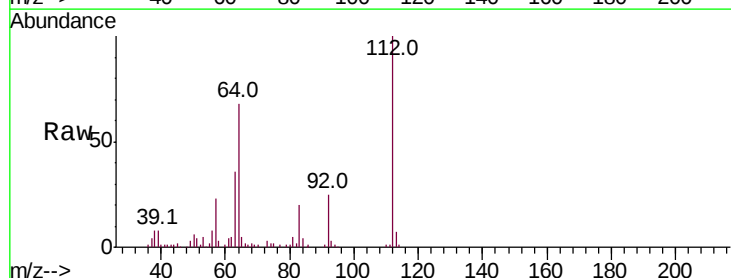
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



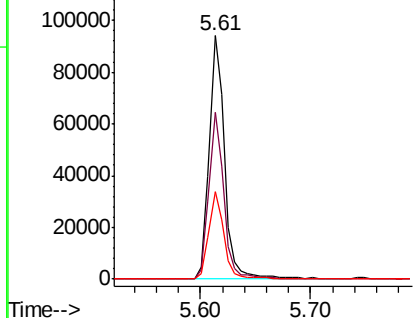
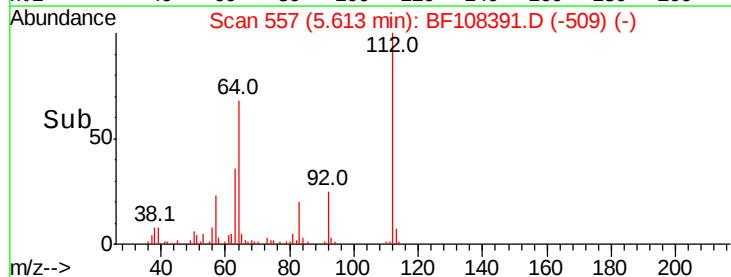
#5

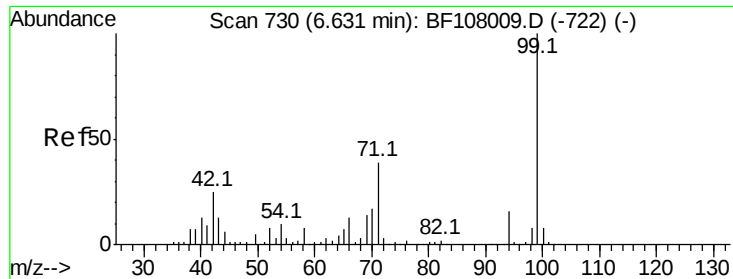
2-Fluorophenol
Concen: 9.375 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF108391.D
Acq: 22 Aug 2018 18:55

Tgt Ion:112 Resp: 88656
Ion Ratio Lower Upper
112 100
64 68.3 47.9 71.9
63 35.9 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: 10.079 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF108391.D

Acq: 22 Aug 2018 18:55

Instrument :

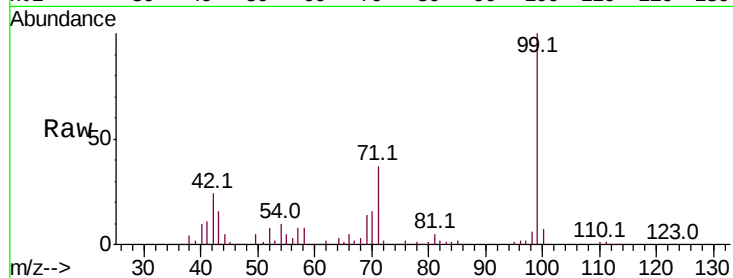
BNA_F

ClientSampleId :

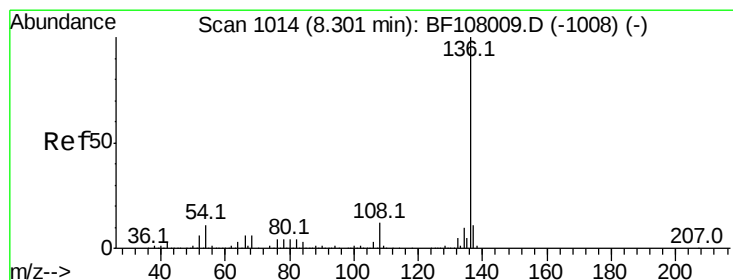
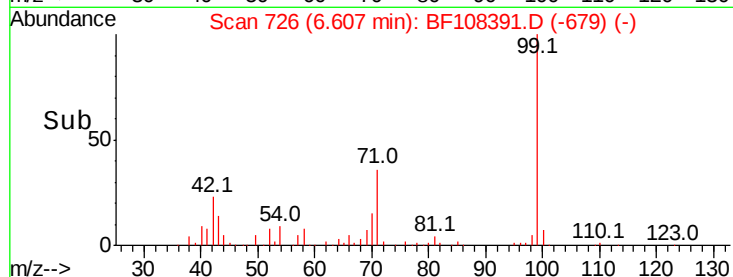
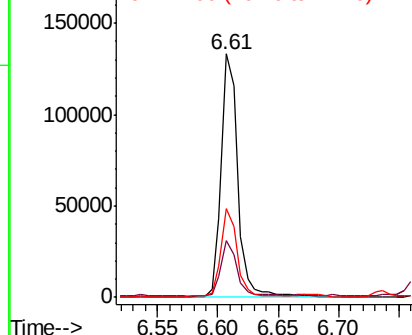
H-R-P-T-WC-1-COMPOSITE

Tot Ion: 99 Resp: 126652

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.5	21.7#
71	36.6	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

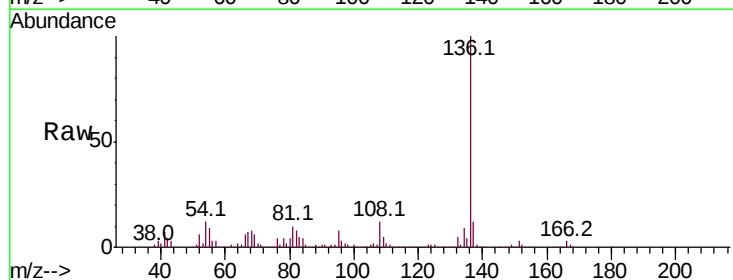
Delta R.T. -0.01 min

Lab File: BF108391.D

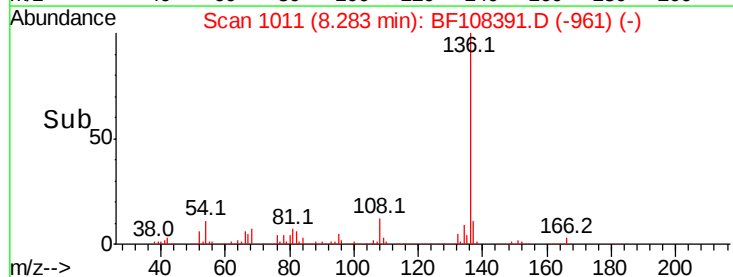
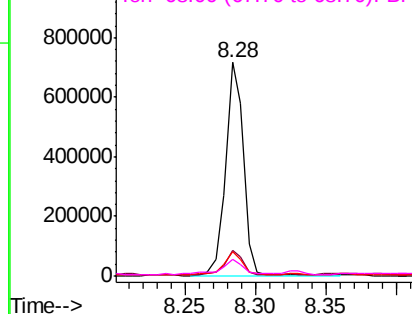
Acq: 22 Aug 2018 18:55

Tgt Ion: 136 Resp: 626493

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	11.5	6.6	9.8#
68	7.8	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

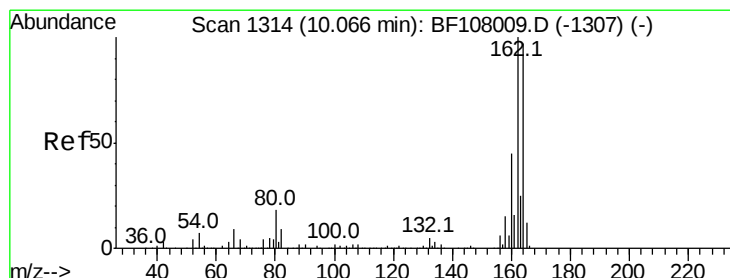
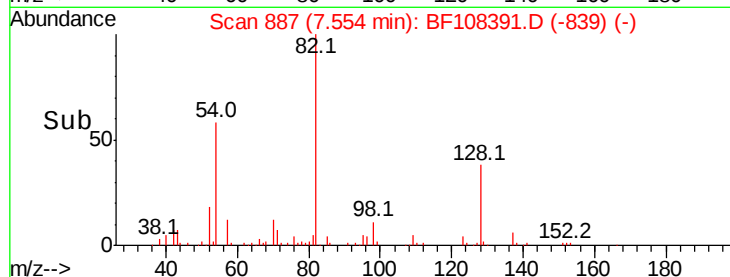
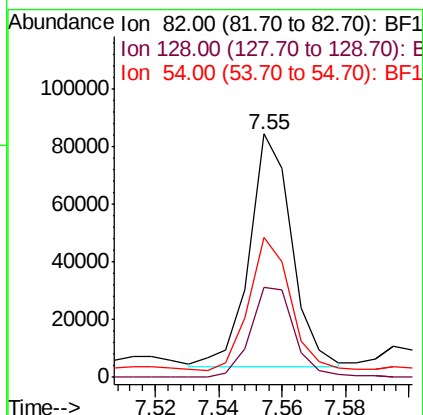
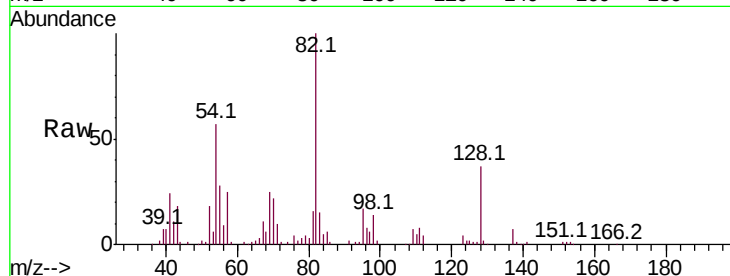




#23
 Nitrobenzene-d5
 Concen: 6.692 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF108391.D
 Acq: 22 Aug 2018 18:55

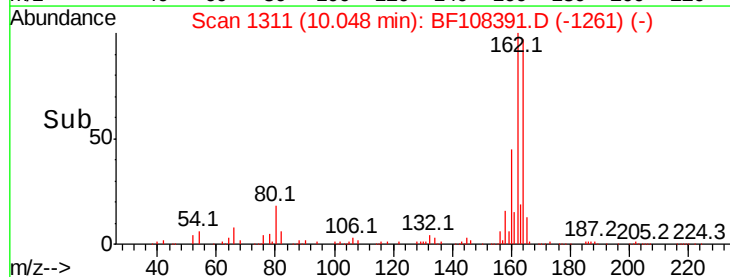
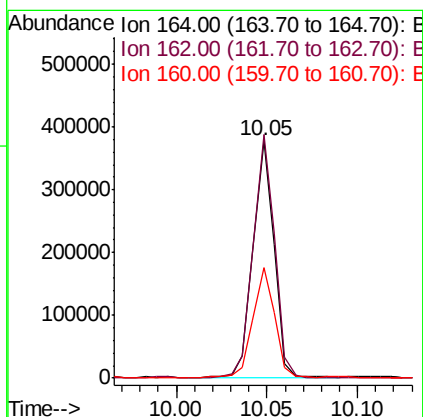
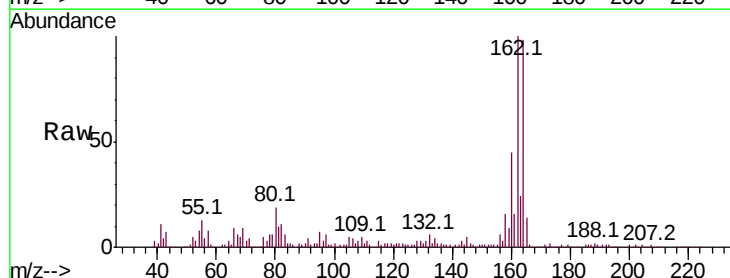
Instrument :
 BNA_F
 ClientSampleId :
 H-R-P-T-WC-1-COMPOSITE

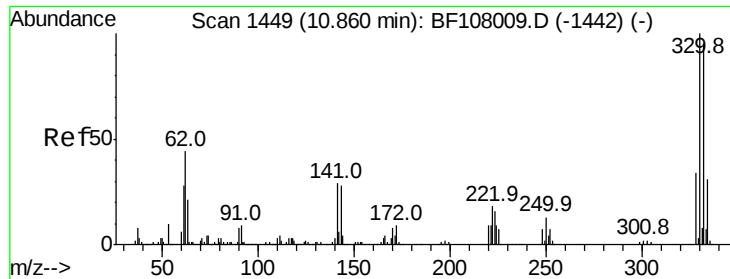
Tot Ion: 82 Resp: 75131
 Ion Ratio Lower Upper
 82 100
 128 36.8 36.1 54.1
 54 57.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108391.D
 Acq: 22 Aug 2018 18:55

Tgt Ion:164 Resp: 301815
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 46.4 38.3 57.5

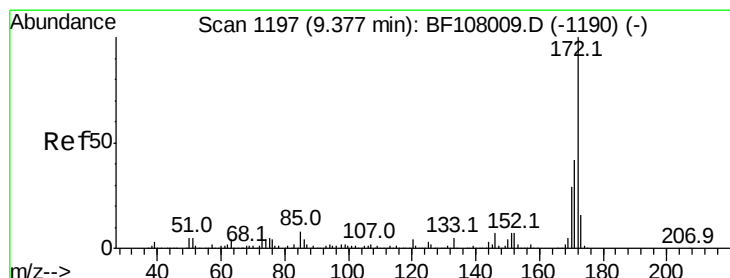
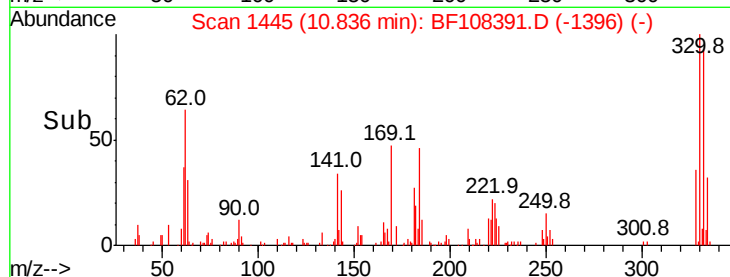
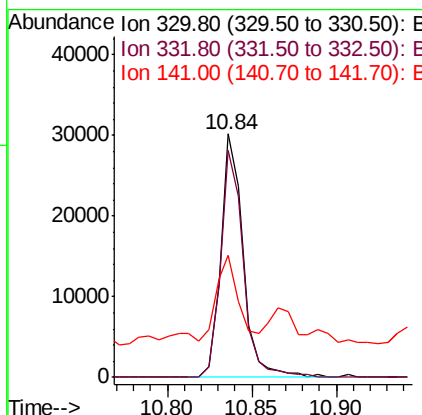
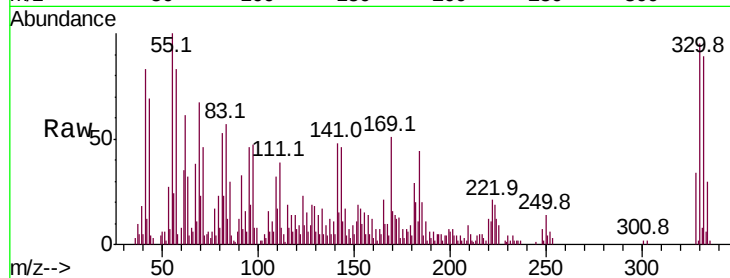




#41
 2,4,6-Tribromophenol
 Concen: 9.216 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108391.D
 Acq: 22 Aug 2018 18:55

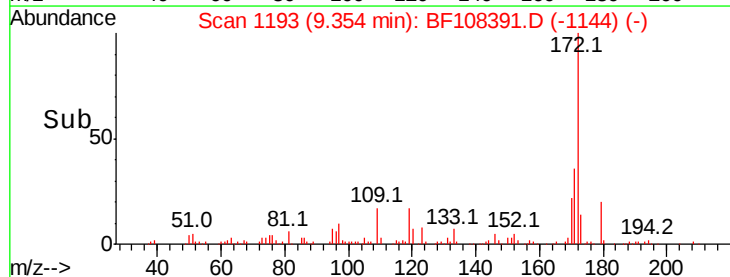
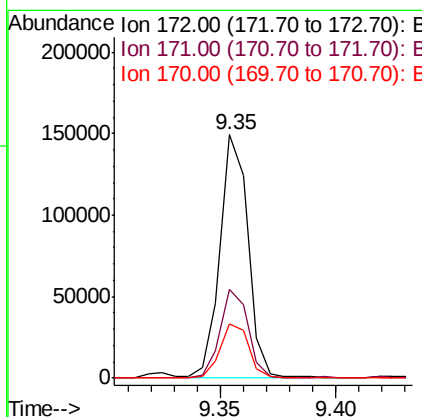
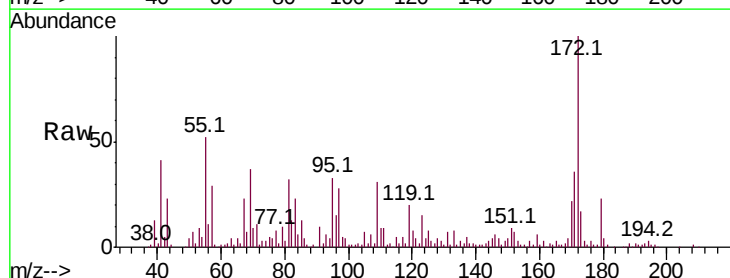
Instrument :
 BNA_F
 ClientSampleId :
 H-R-P-T-WC-1-COMPOSITE

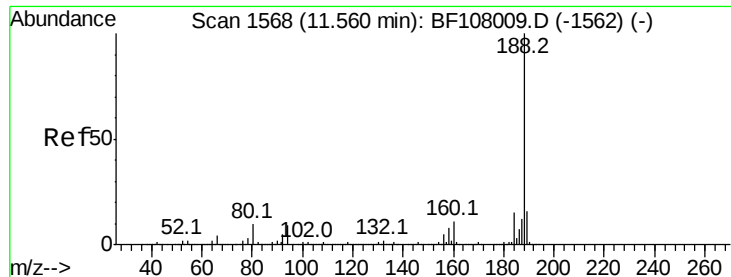
Tot Ion:330 Resp: 27746
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 34.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 6.629 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108391.D
 Acq: 22 Aug 2018 18:55

Tgt Ion:172 Resp: 124623
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 22.1 19.6 29.4

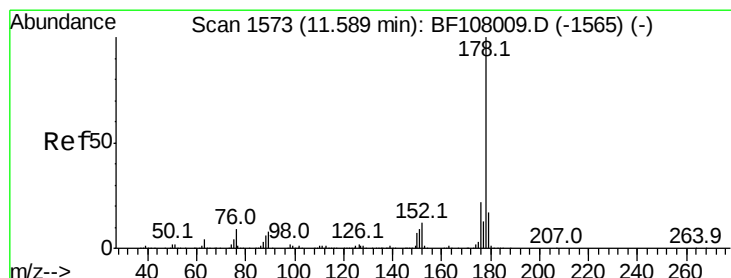
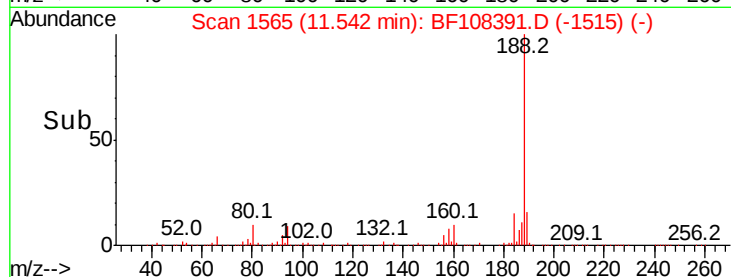
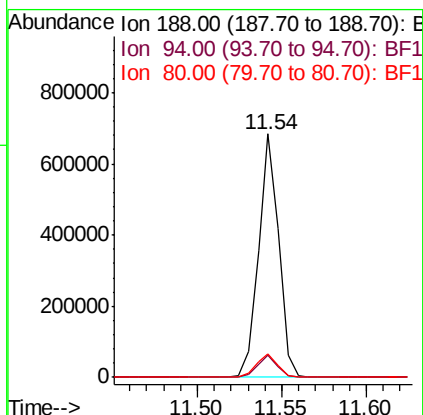
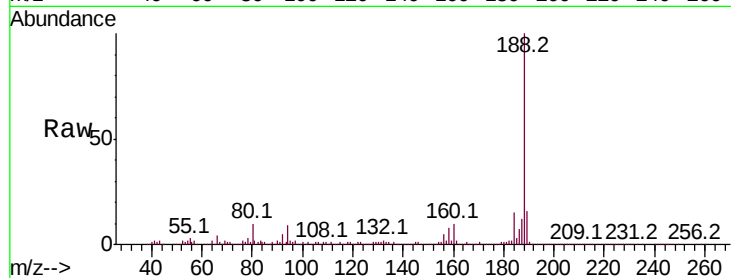




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108391.D
Acq: 22 Aug 2018 18:55

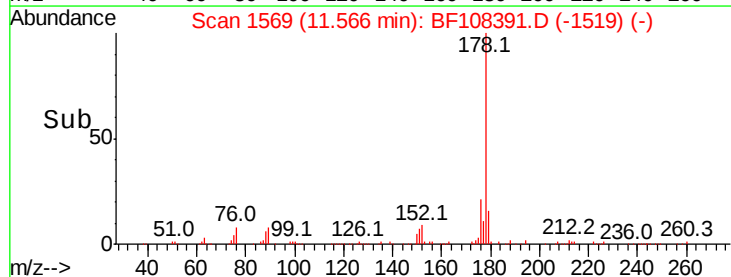
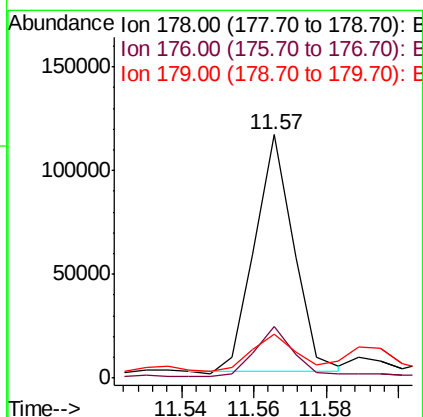
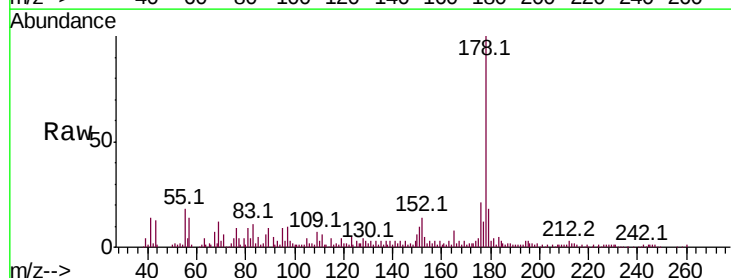
Instrument :
BNA_F
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

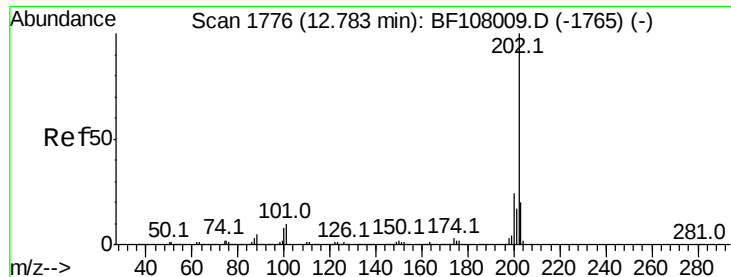
Tot Ion:188 Resp: 568202
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.9 9.2 13.8



#70
Phenanthrene
Concen: 3.191 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108391.D
Acq: 22 Aug 2018 18:55

Tgt Ion:178 Resp: 85518
Ion Ratio Lower Upper
178 100
176 21.1 15.8 23.8
179 18.1 13.0 19.6





#74

Fluoranthene

Concen: 3.890 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108391.D

Acq: 22 Aug 2018 18:55

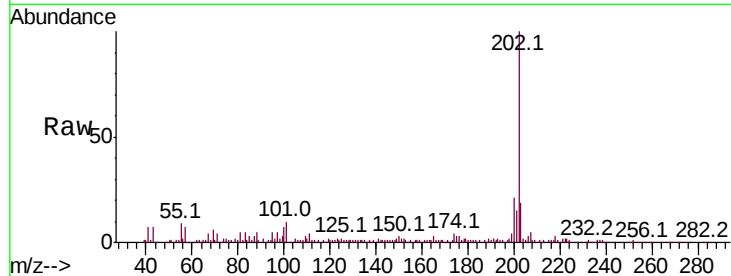
Instrument :

BNA_F

ClientSampleId :

H-R-P-T-WC-1-COMPOSITE

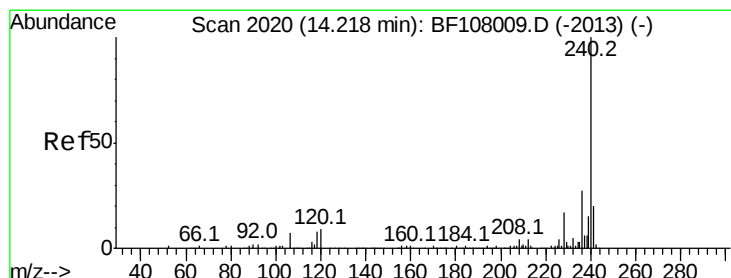
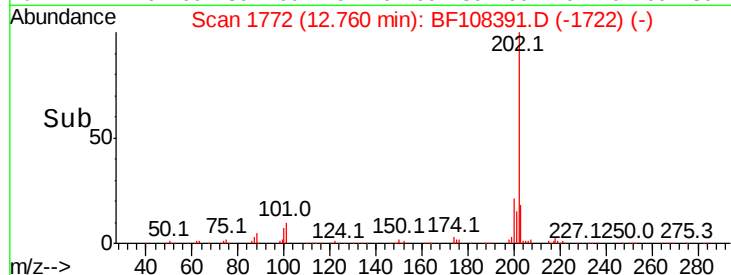
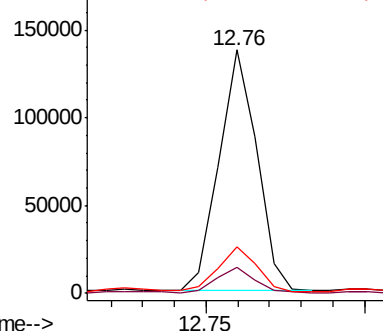
Tot Ion:	202	Resp:	113791
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	18.8	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

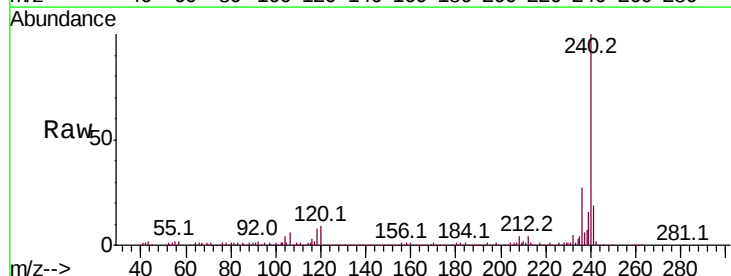
RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108391.D

Acq: 22 Aug 2018 18:55

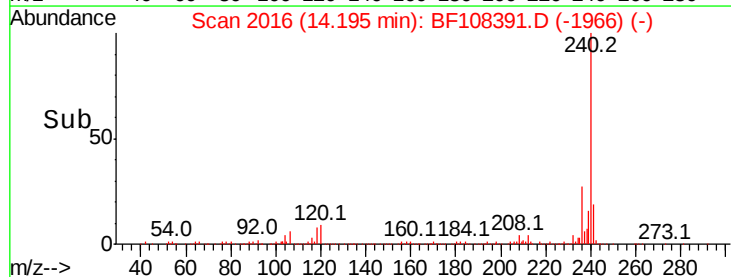
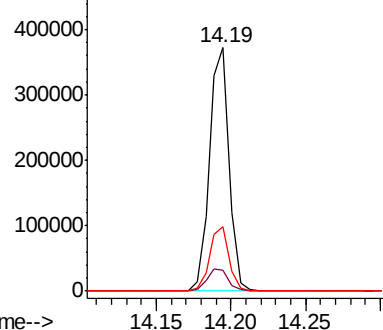
Tgt Ion:	240	Resp:	343103
Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.5	20.7	31.1

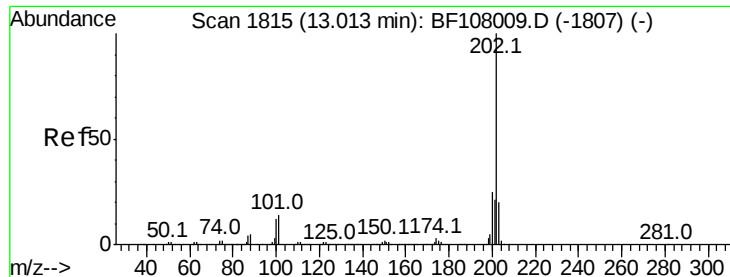


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.411 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108391.D

Acq: 22 Aug 2018 18:55

Instrument :

BNA_F

ClientSampleId :

H-R-P-T-WC-1-COMPOSITE

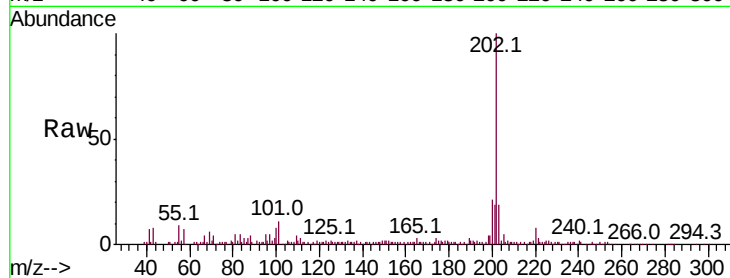
Tot Ion:202 Resp: 117544

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

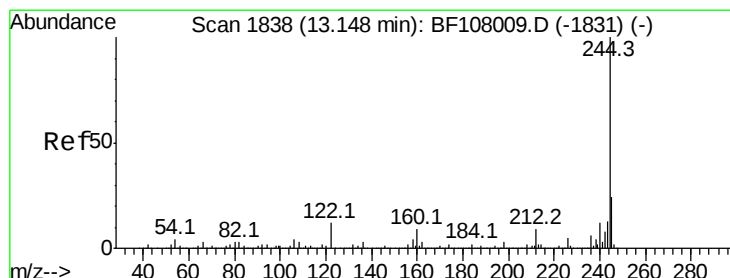
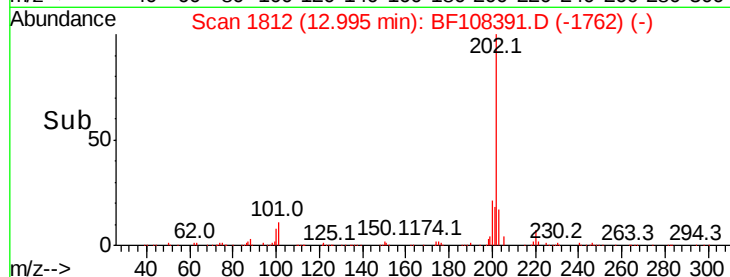
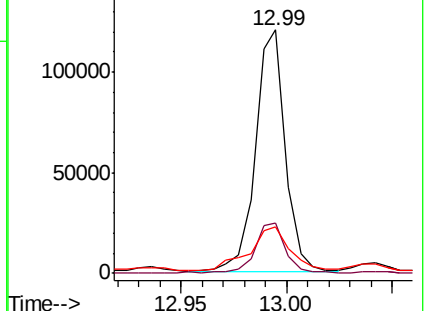
203 18.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 8.555 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108391.D

Acq: 22 Aug 2018 18:55

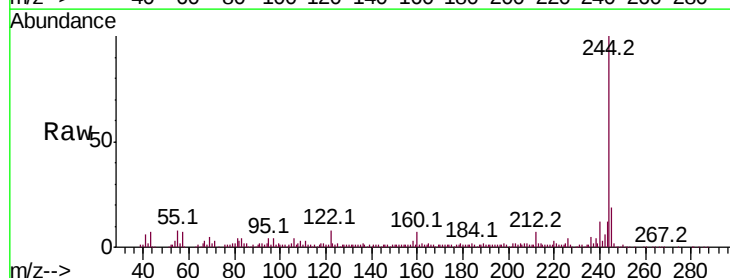
Tgt Ion:244 Resp: 115450

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

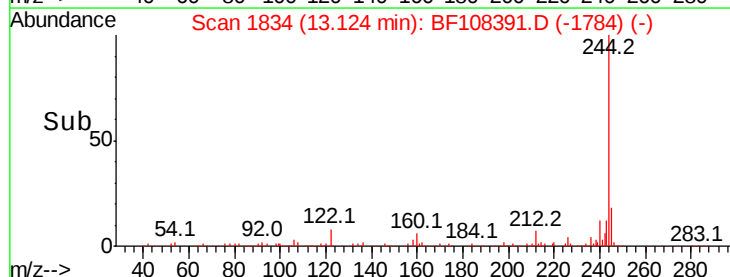
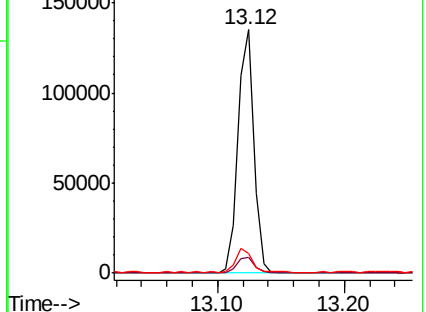
122 8.2 11.0 16.4#

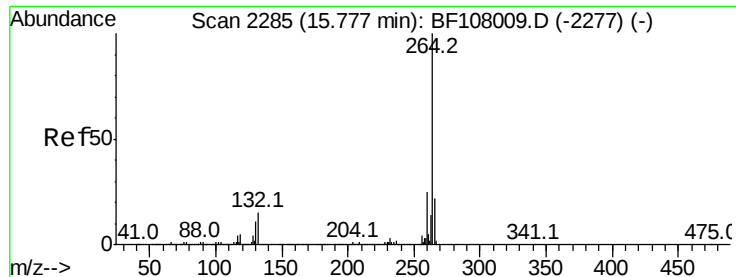


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

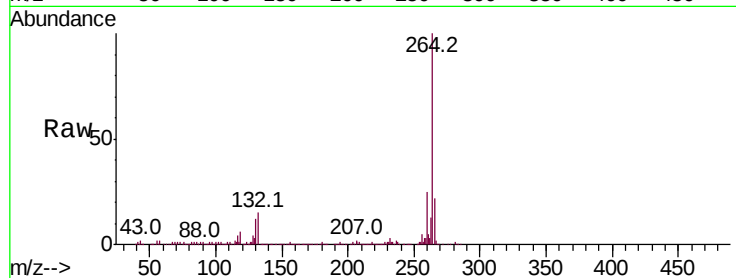




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108391.D
Acq: 22 Aug 2018 18:55

Instrument :
BNA_F
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.1	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

