

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108831.D
 Acq On : 6 Sep 2018 18:53
 Operator : JU/SJ
 Sample : J4803-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F5

Quant Time: Sep 07 01:55:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

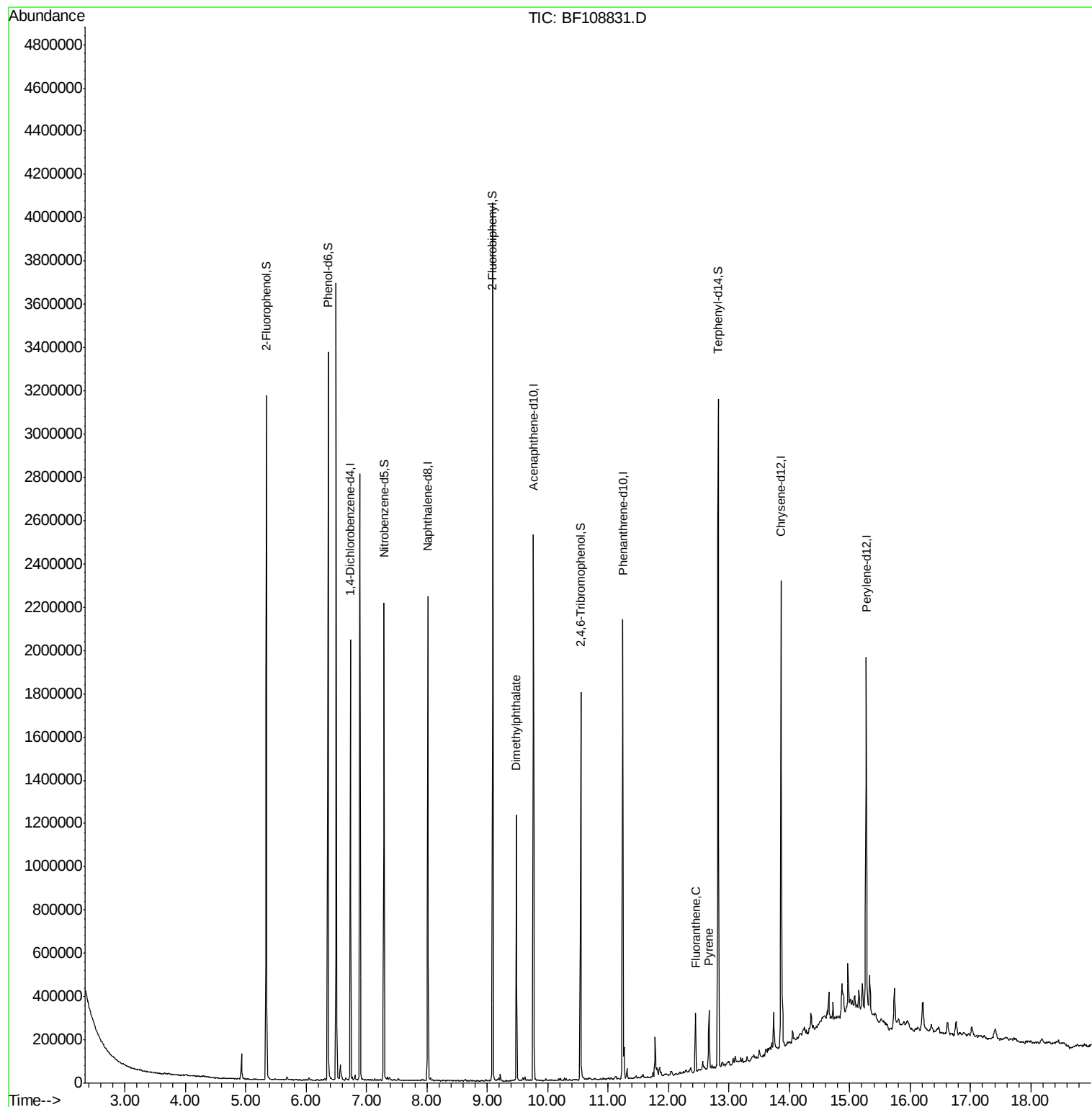
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	267377	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	995124	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	439704	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	706261	20.00	ng	0.00
75) Chrysene-d12	13.87	240	628712	20.00	ng	0.00
86) Perylene-d12	15.27	264	725204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	887557	54.99	ng	0.00
7) Phenol-d6	6.37	99	1132363	54.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	697579	43.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	221864	52.85	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1240496	48.13	ng	0.00
78) Terphenyl-d14	12.82	244	969166	35.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	421382	13.702	ng	99
74) Fluoranthene	12.45	202	102867	3.080	ng	98
77) Pyrene	12.67	202	101990	2.108	ng	97

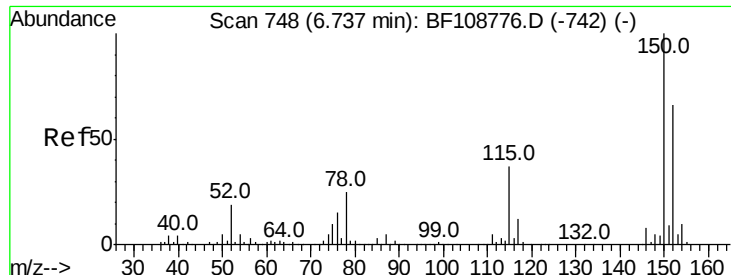
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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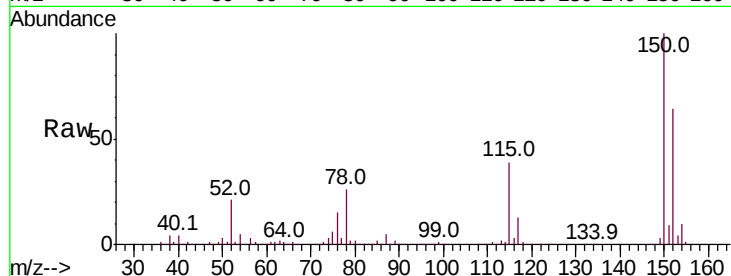


#1

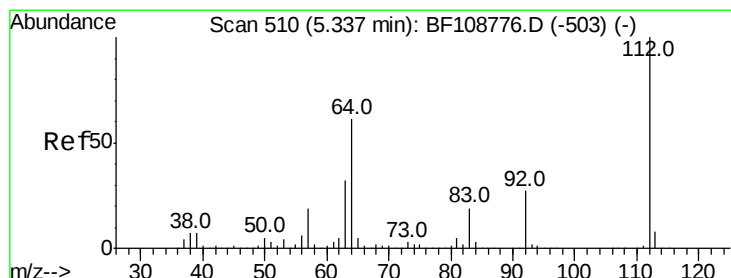
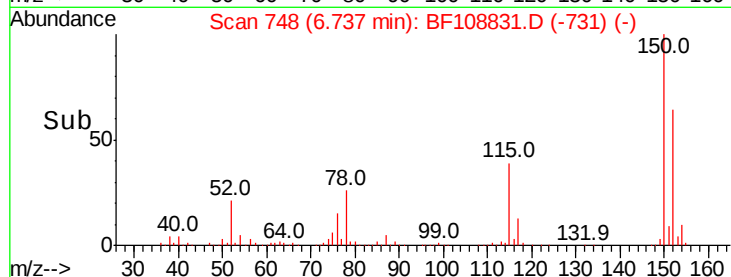
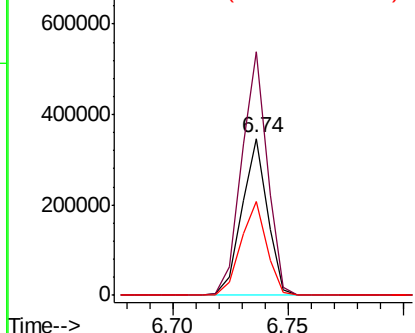
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

Tot Ion:152 Resp: 267377
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.2 50.1 75.1



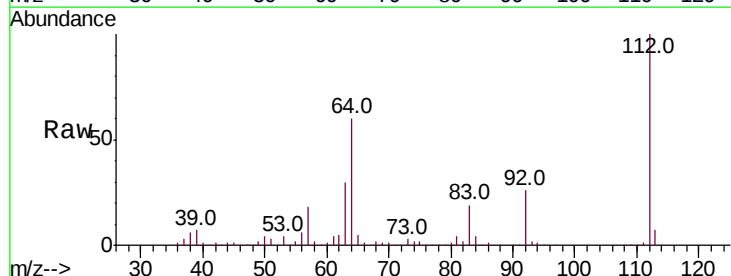
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



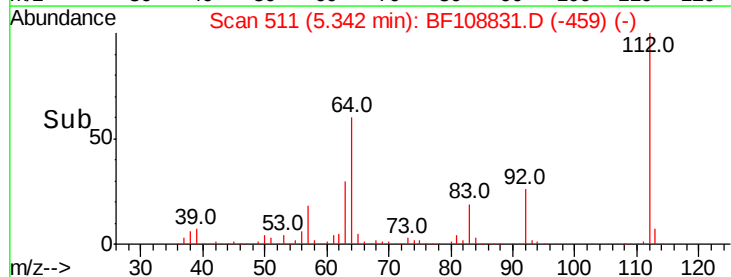
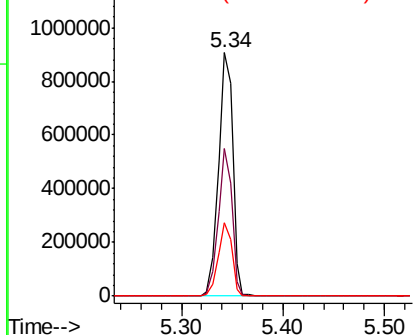
#5

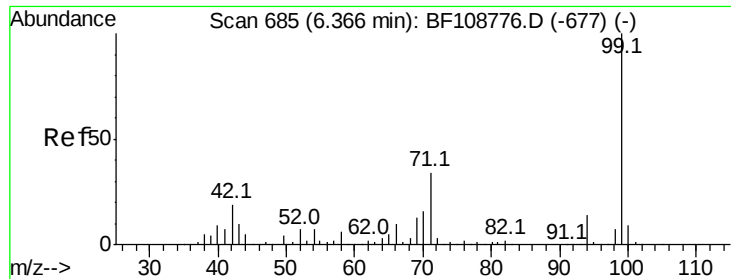
2-Fluorophenol
Concen: 54.993 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion:112 Resp: 887557
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 30.1 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: 54.530 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-F5

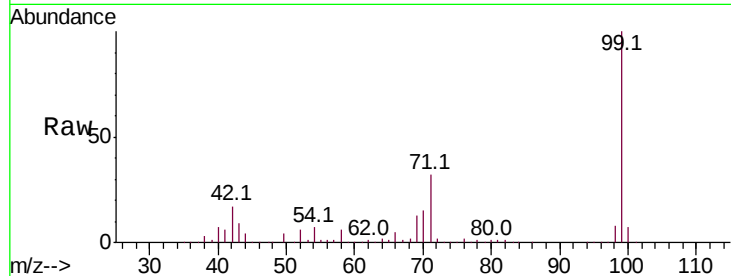
Tot Ion: 99 Resp: 1132363

Ion Ratio Lower Upper

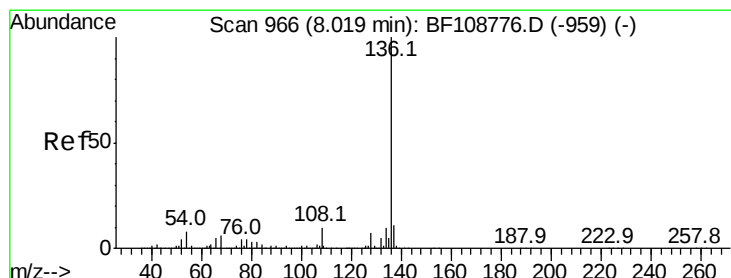
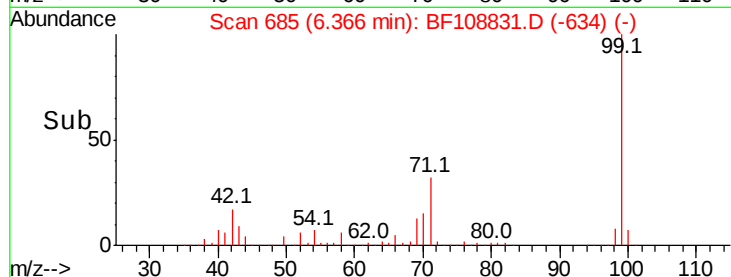
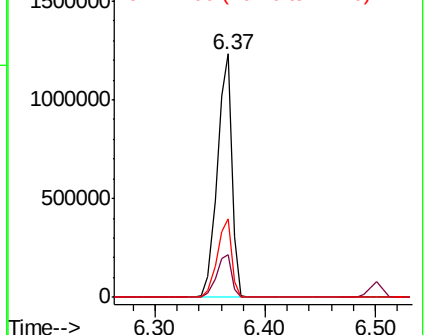
99 100

42 17.5 14.5 21.7

71 32.5 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

Tgt Ion: 136 Resp: 995124

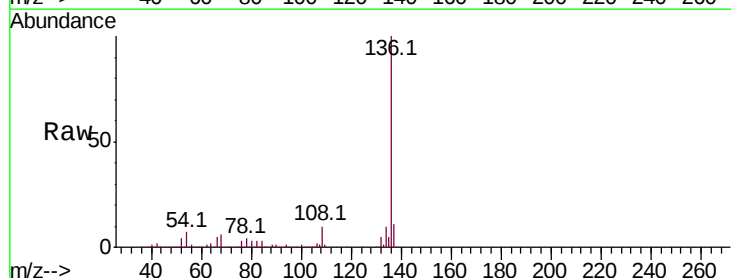
Ion Ratio Lower Upper

136 100

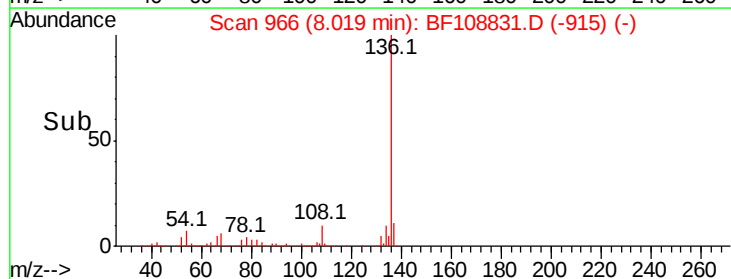
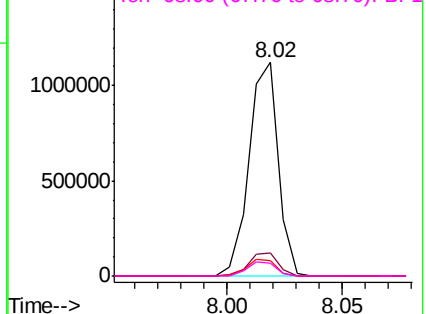
137 11.0 8.9 13.3

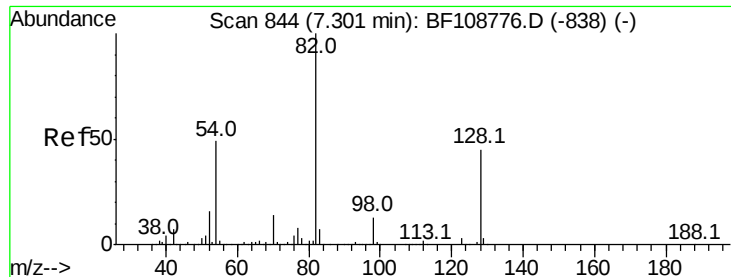
54 7.3 6.6 9.8

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

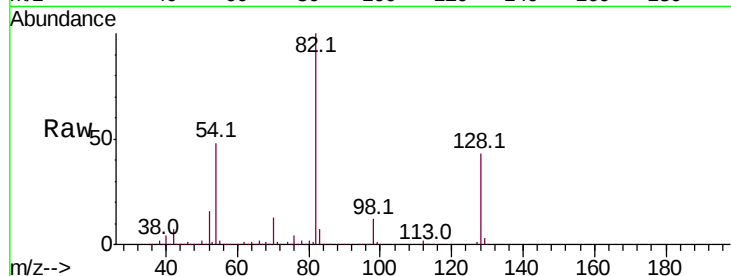




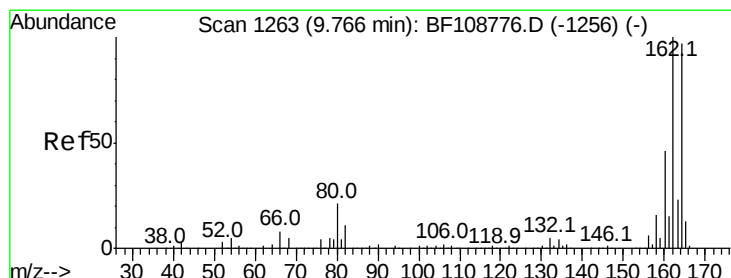
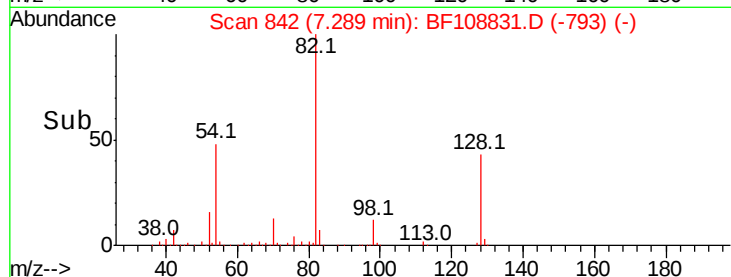
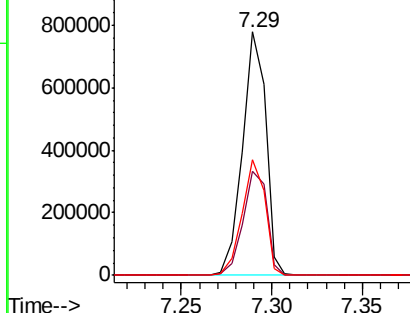
#23
Nitrobenzene-d5
Concen: 43.869 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

Tot Ion: 82 Resp: 697579
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 47.7 41.4 62.2

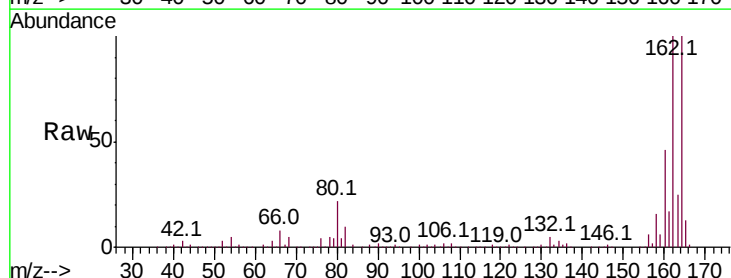


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

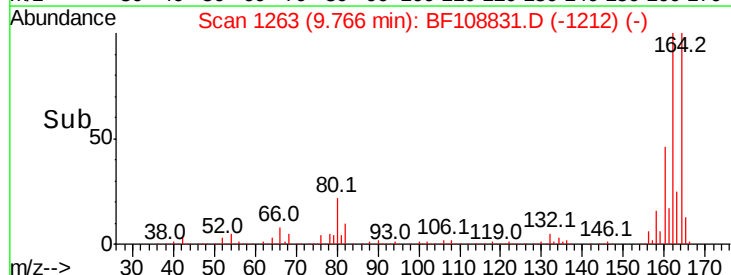
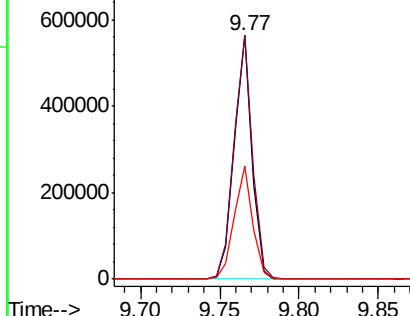


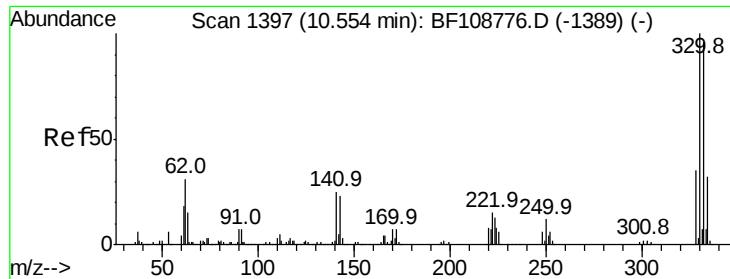
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion:164 Resp: 439704
Ion Ratio Lower Upper
164 100
162 100.1 86.1 129.1
160 46.4 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

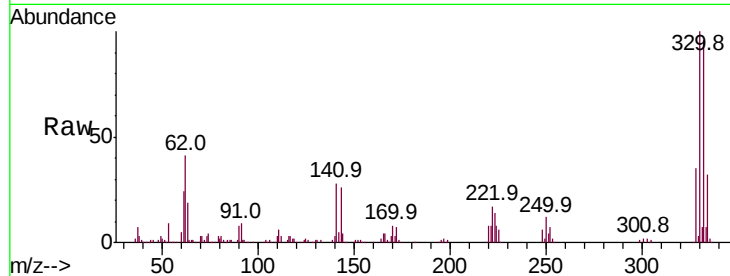




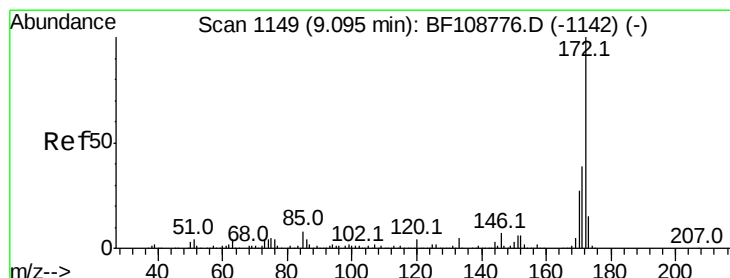
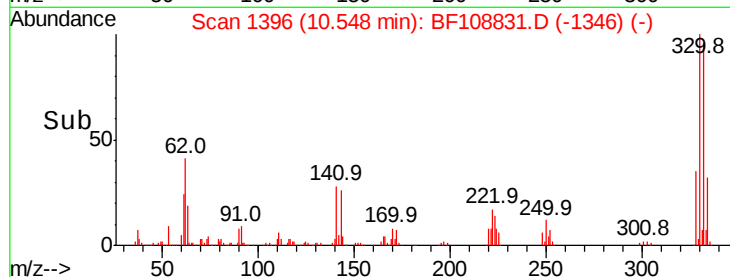
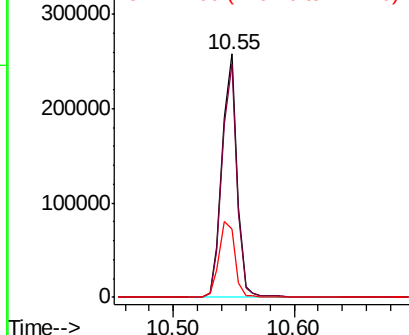
#41
 2,4,6-Tribromophenol
 Concen: 52.855 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.1	29.9	44.9

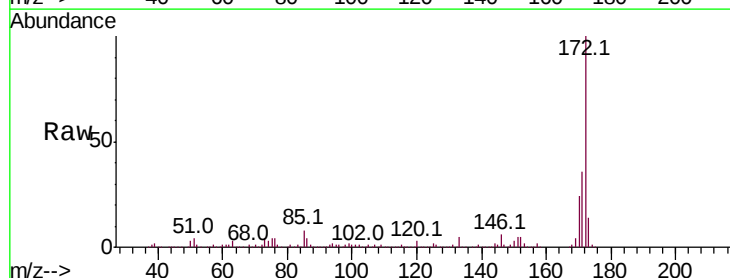


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

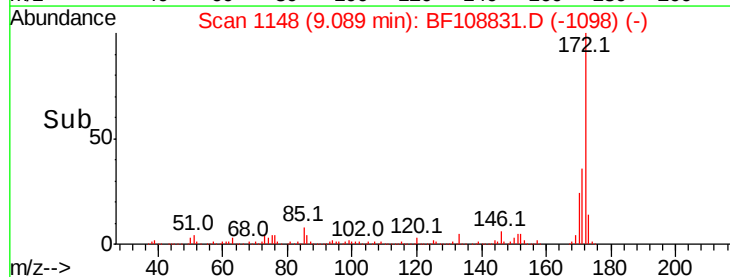
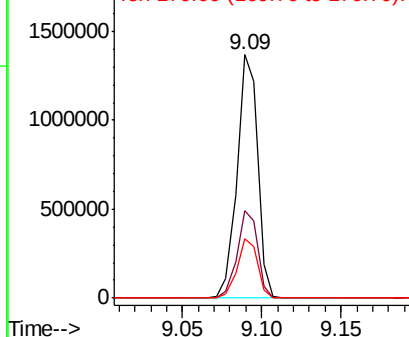


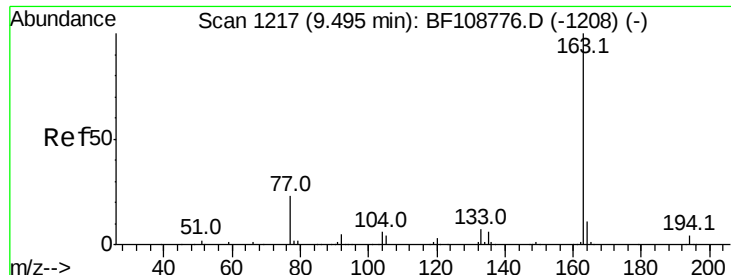
#44
 2-Fluorobiphenyl
 Concen: 48.129 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	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

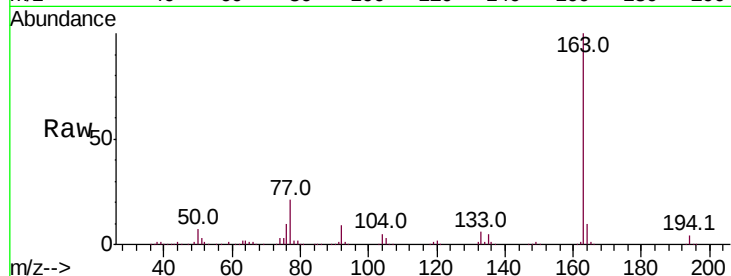




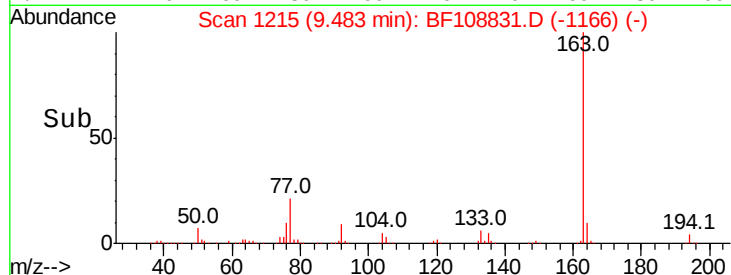
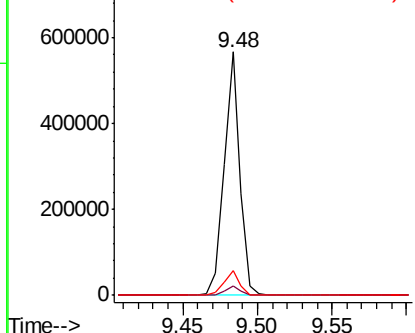
#49
Dimethylphthalate
Concen: 13.702 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

Tot Ion:163 Resp: 421382
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

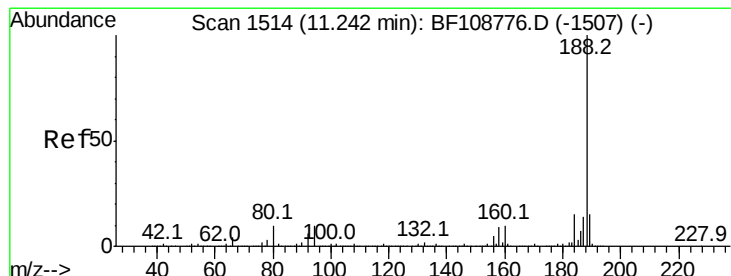


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

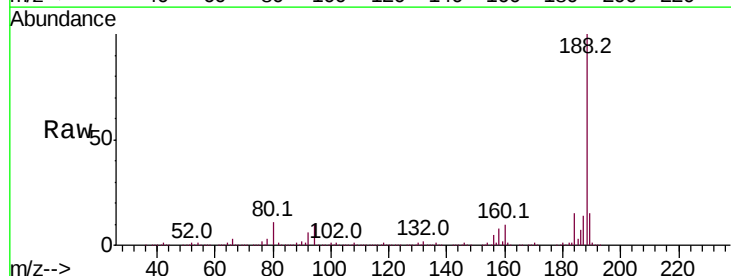
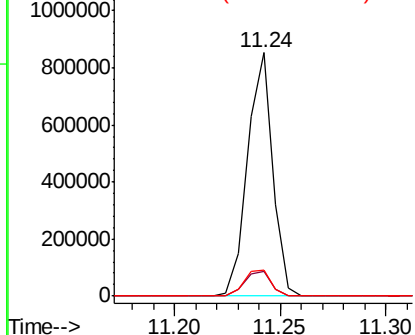


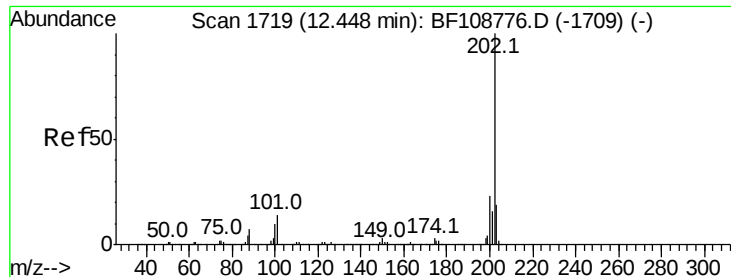
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion:188 Resp: 706261
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 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

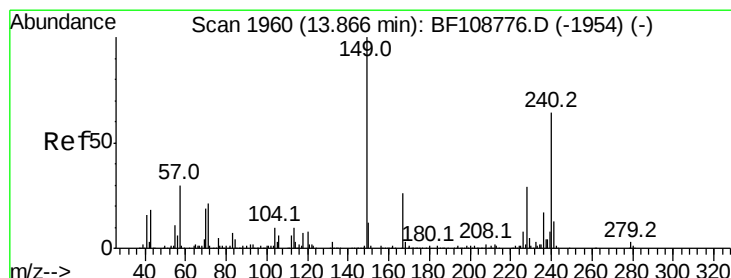
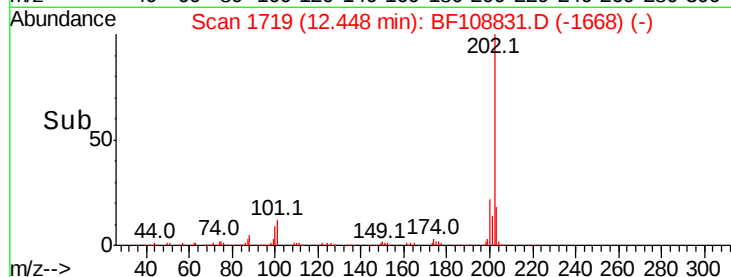
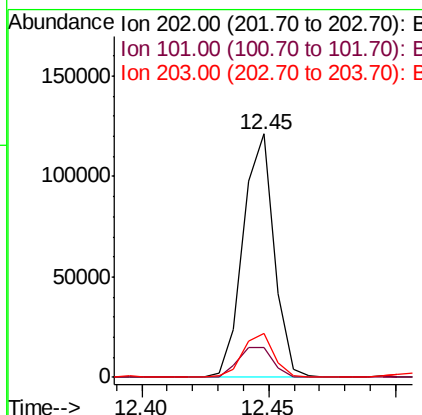
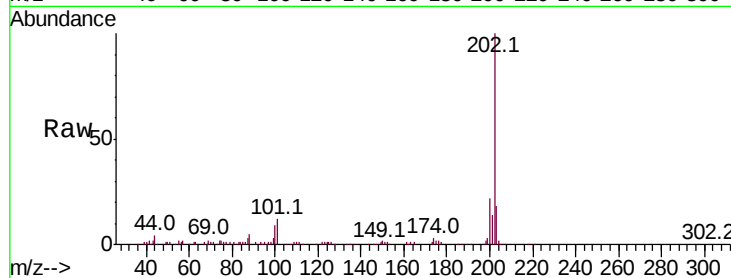




#74
Fluoranthene
Concen: 3.080 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

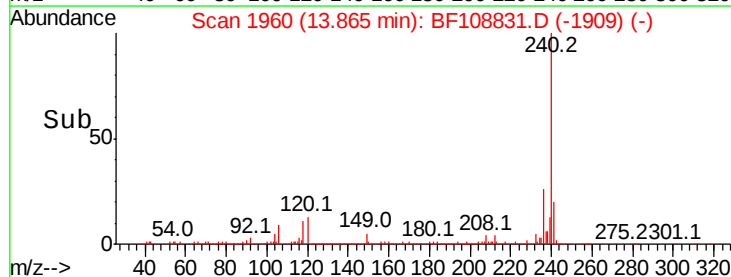
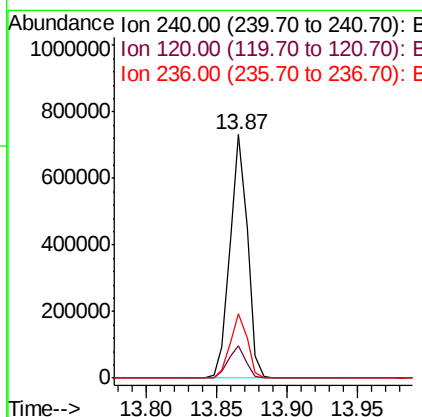
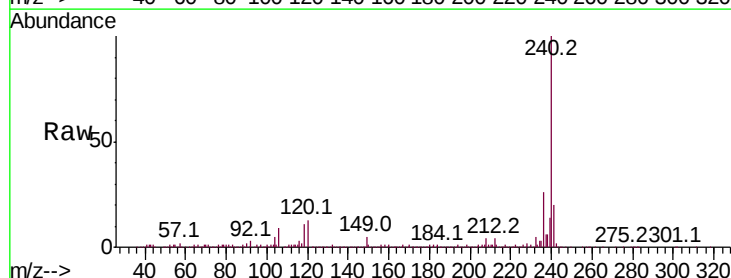
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-F5

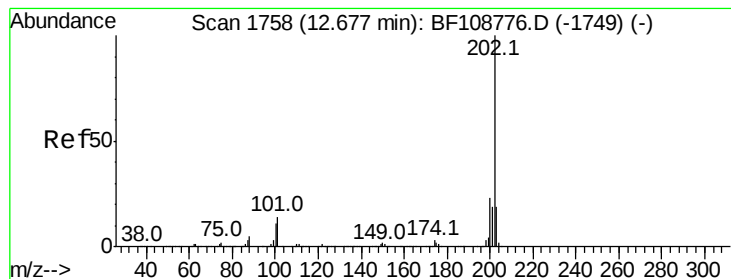
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	18.2	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108831.D
Acq: 6 Sep 2018 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.3	20.7	31.1





#77

Pvrene

Concen: 2.108 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-F5

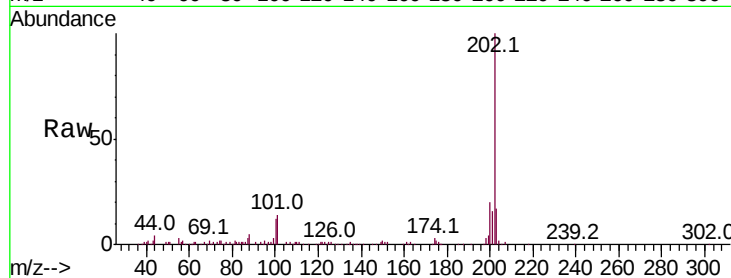
Tot Ion:202 Resp: 101990

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

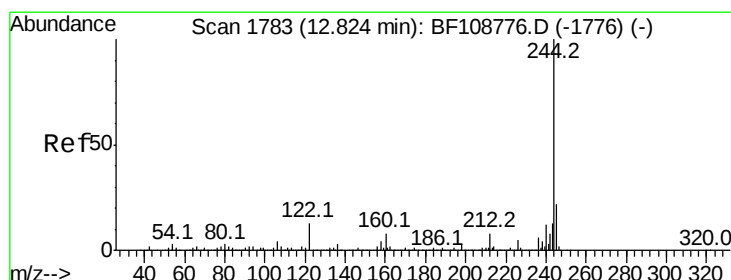
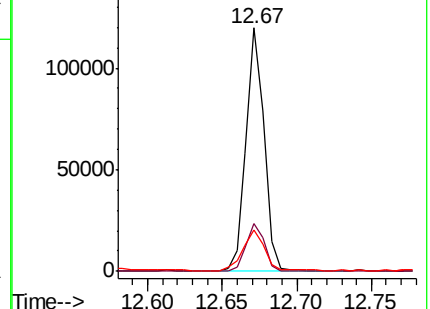
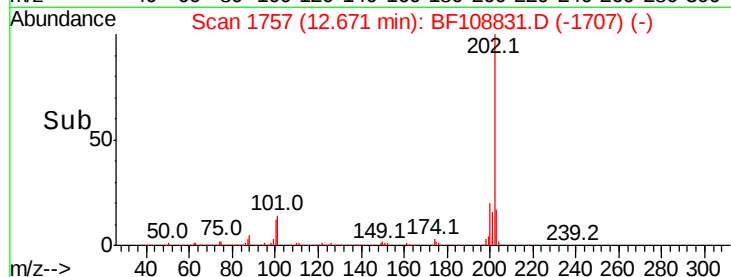
203 17.0 14.3 21.5



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: 35.946 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108831.D

Acq: 6 Sep 2018 18:53

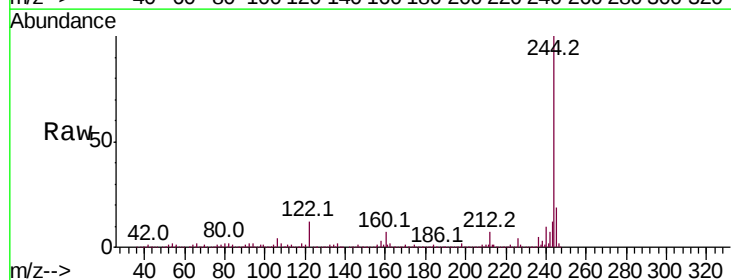
Tgt Ion:244 Resp: 969166

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

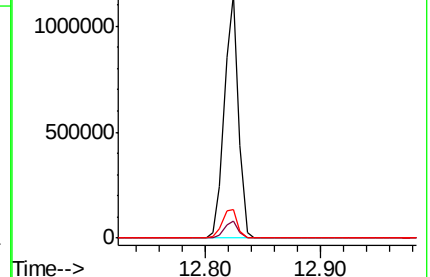
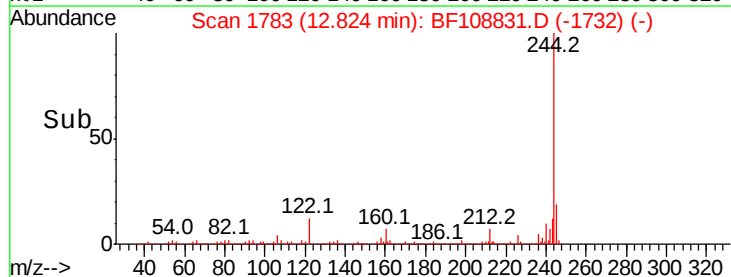
122 11.8 11.0 16.4

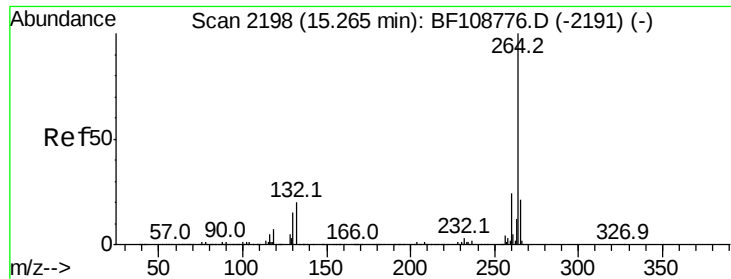


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108831.D
 Acq: 6 Sep 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-F5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3

