

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108846.D
 Acq On : 7 Sep 2018 1:41
 Operator : JU/SJ
 Sample : J4803-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

Quant Time: Sep 07 03:55:37 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

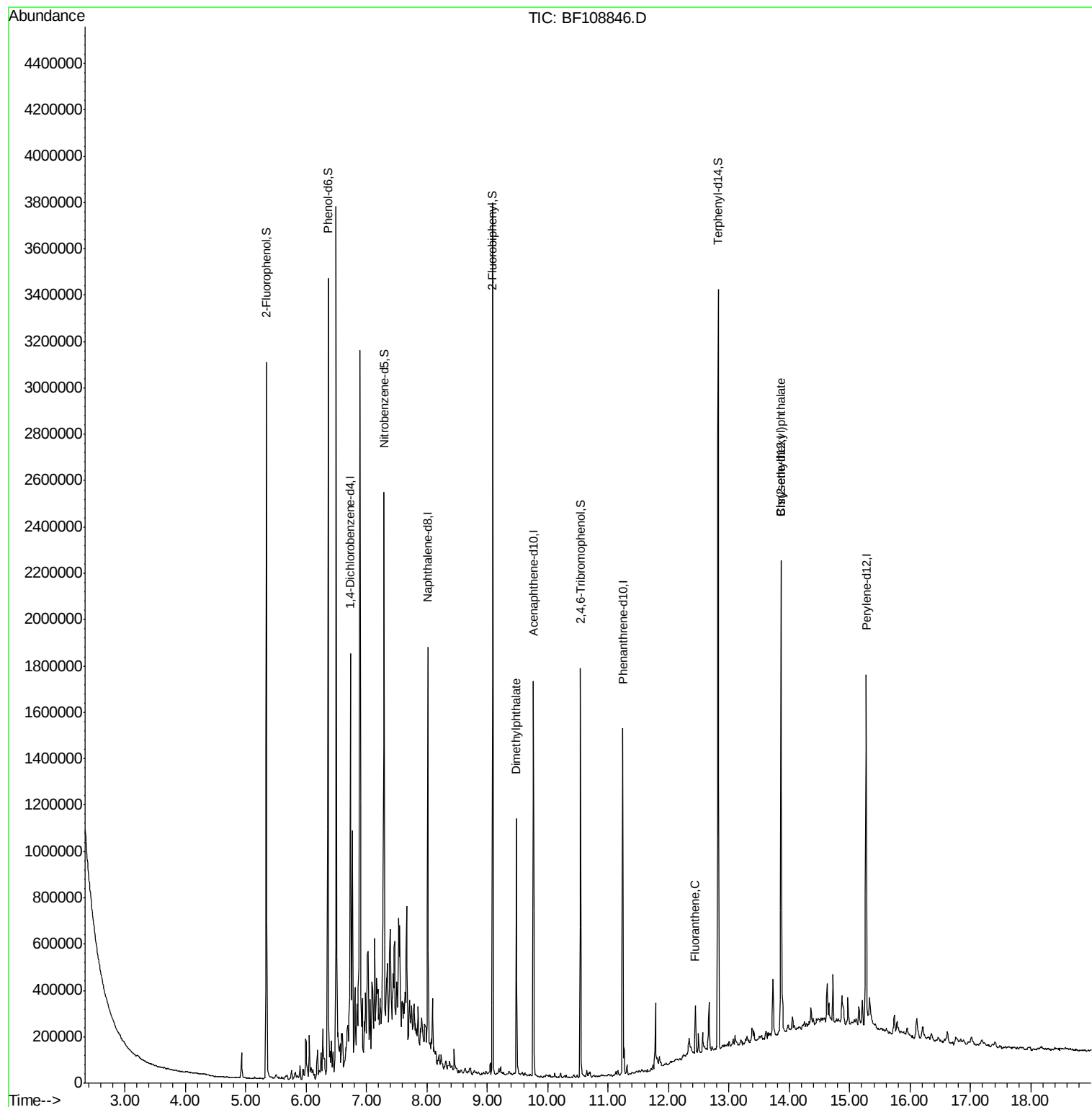
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	205565	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	726462	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	299018	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	518161	20.00	ng	0.00
75) Chrysene-d12	13.87	240	579880	20.00	ng	0.00
86) Perylene-d12	15.27	264	641405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	920111	74.15	ng	0.01
7) Phenol-d6	6.37	99	1120822	70.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	694218	59.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	216815	75.95	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1112432	63.47	ng	0.00
78) Terphenyl-d14	12.82	244	1059866	42.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	370763	17.728	ng	99
74) Fluoranthene	12.44	202	79357	3.239	ng	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	66700	2.641	ng	99

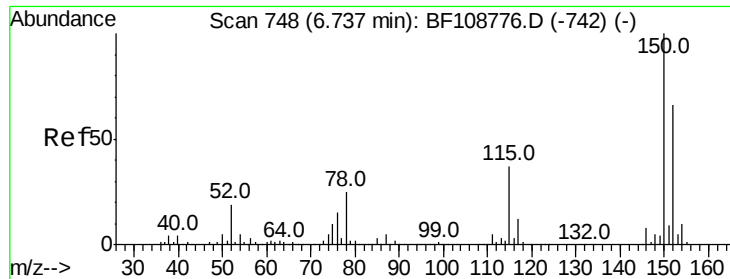
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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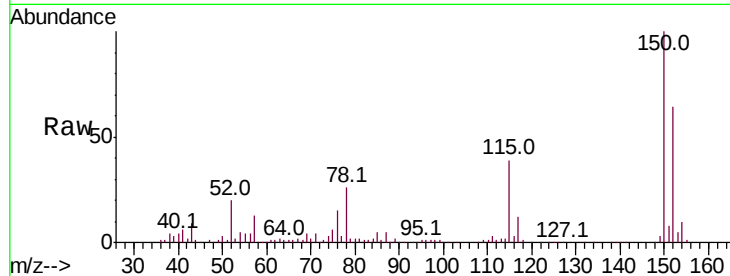


#1

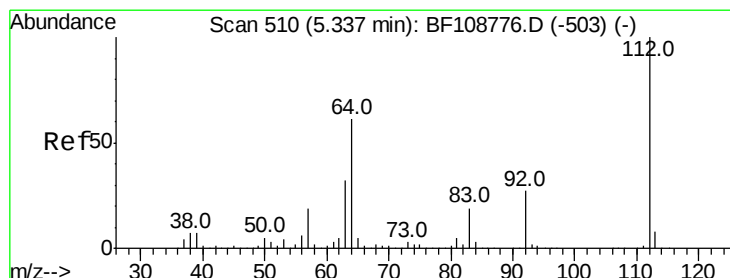
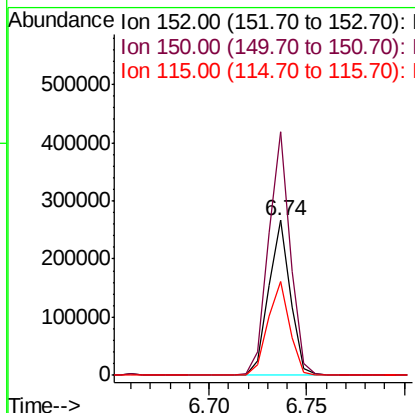
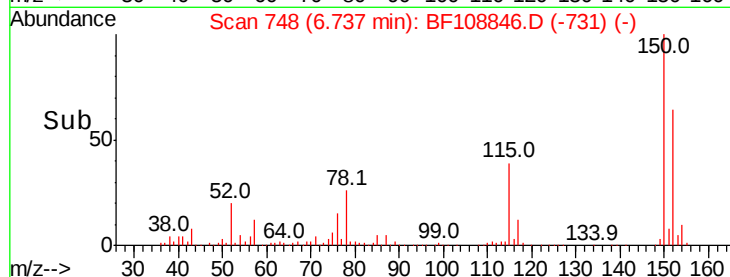
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-FD-01

Tot Ion:152 Resp: 205565
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.9 50.1 75.1



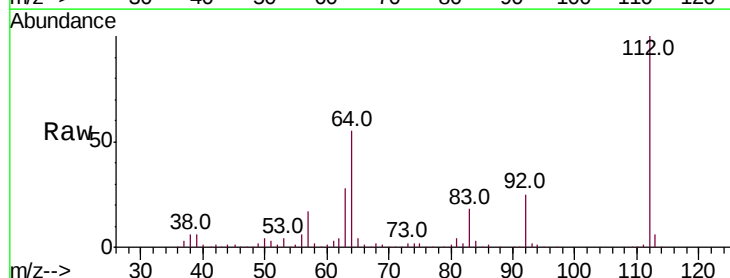
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



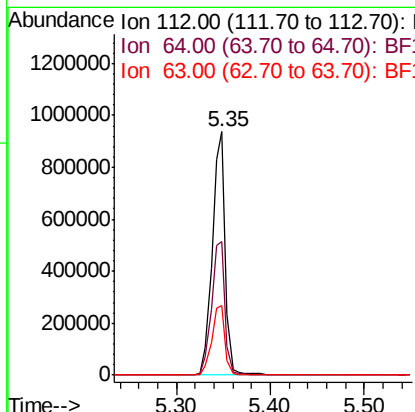
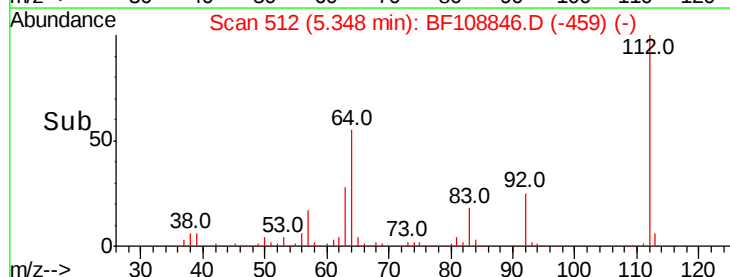
#5

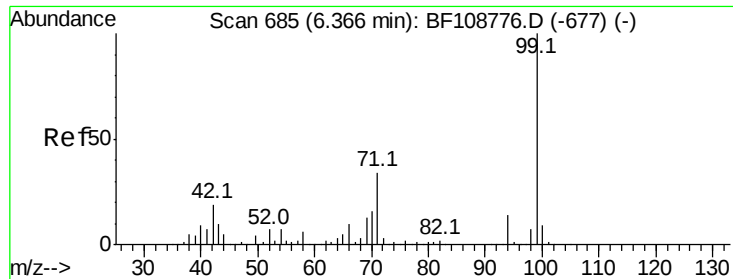
2-Fluorophenol
Concen: 74.153 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Tgt Ion:112 Resp: 920111
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 28.3 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: 70.204 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-FD-01

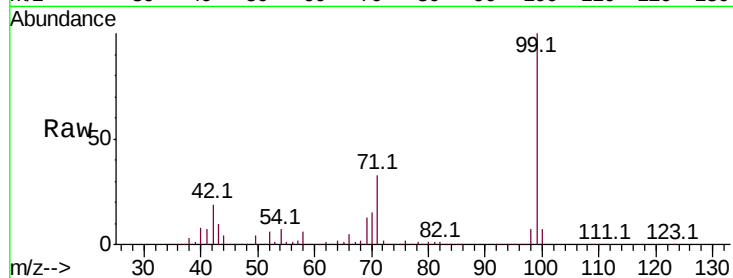
Tot Ion: 99 Resp: 1120822

Ion Ratio Lower Upper

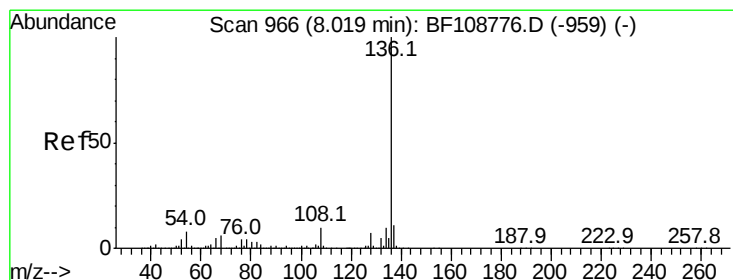
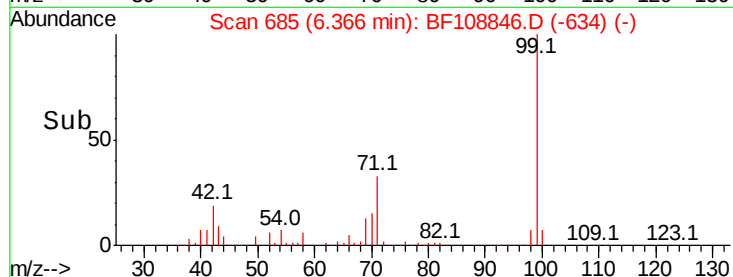
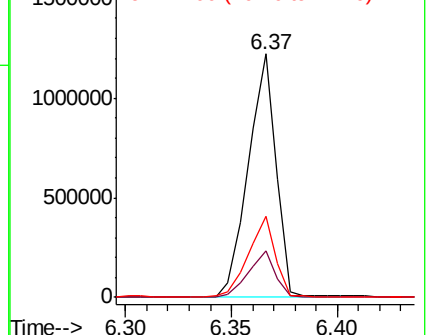
99 100

42 19.3 14.5 21.7

71 33.4 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: BF108846.D

Acq: 7 Sep 2018 1:41

Tgt Ion: 136 Resp: 726462

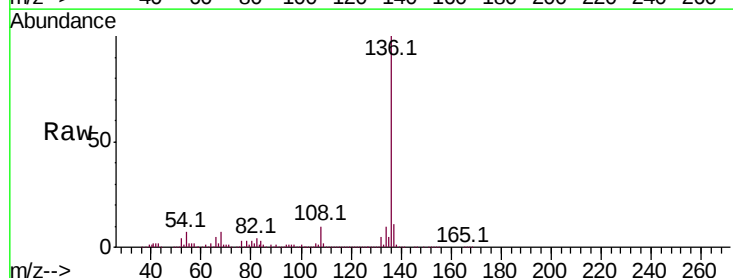
Ion Ratio Lower Upper

136 100

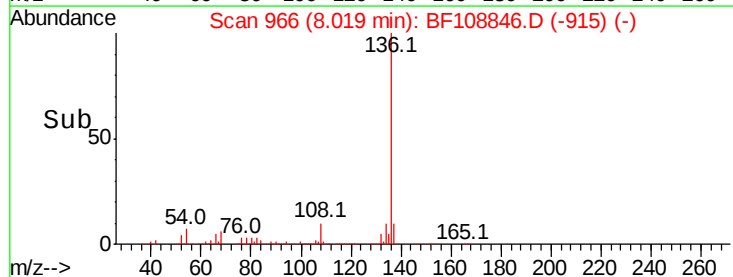
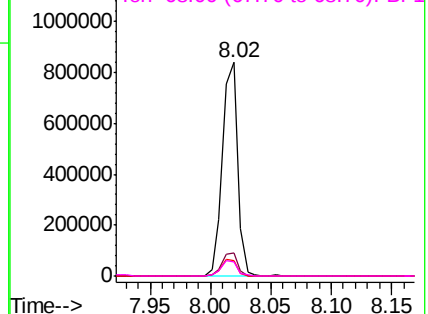
137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 6.5 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

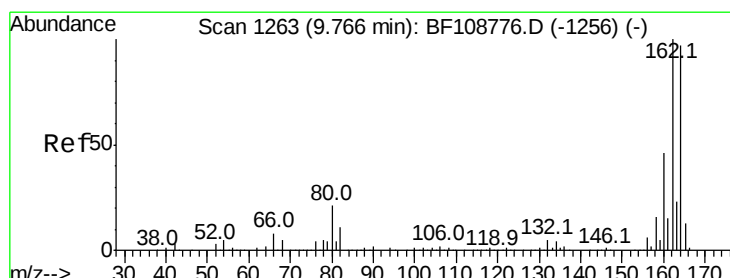
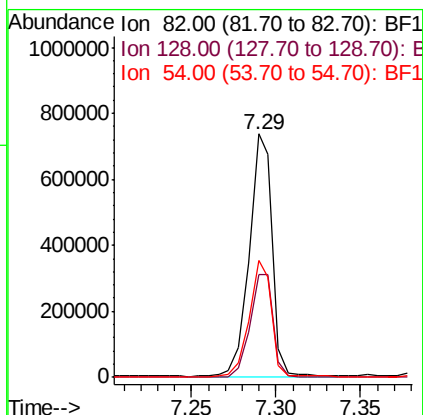
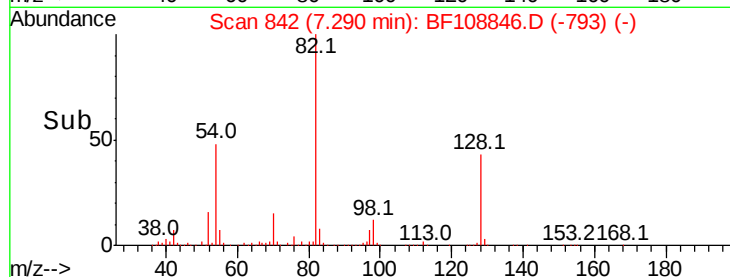
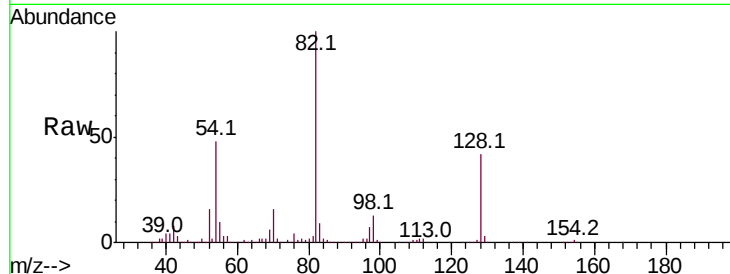




#23
 Nitrobenzene-d5
 Concen: 59.803 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

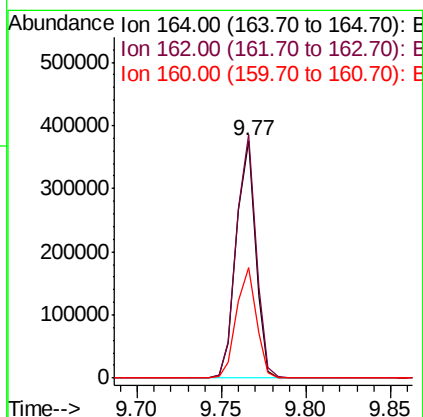
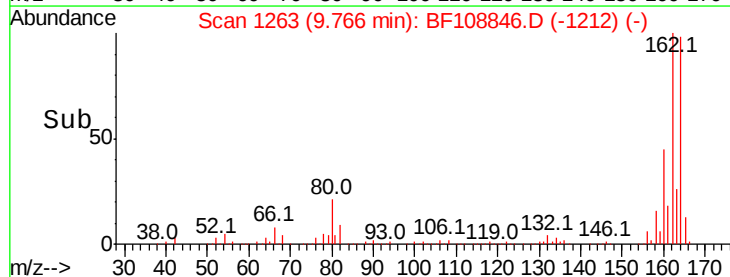
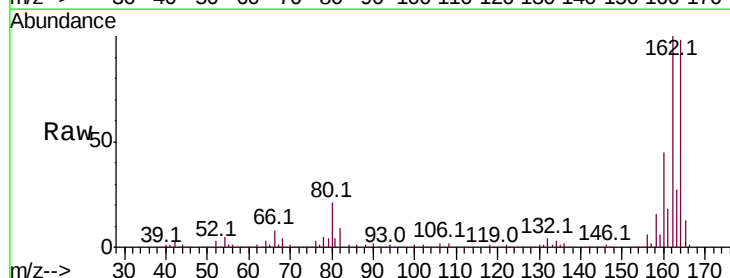
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	48.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

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

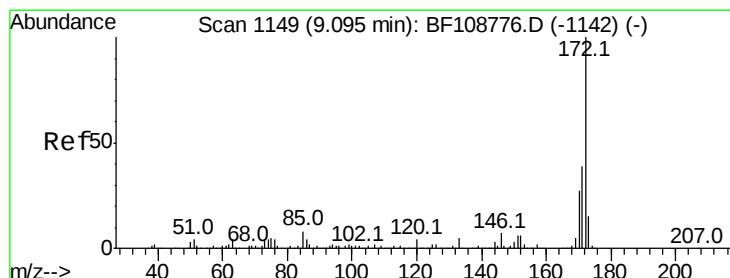
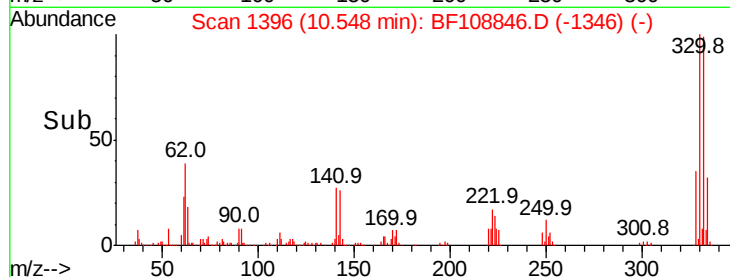
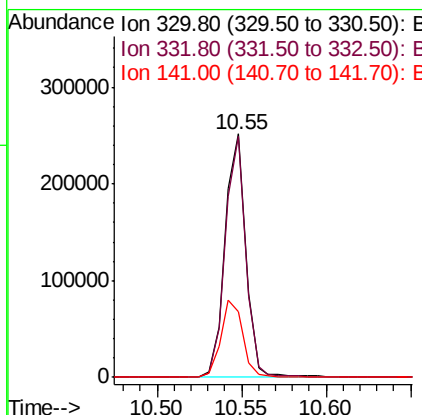
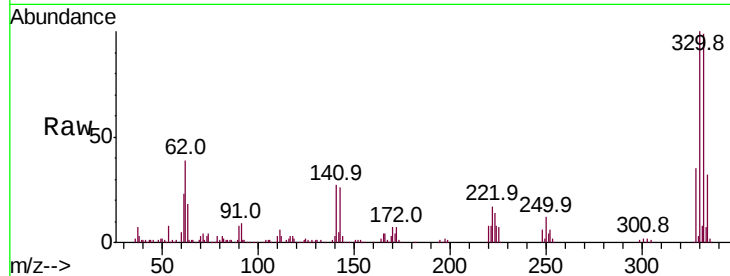




#41
 2,4,6-Tribromophenol
 Concen: 75.954 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

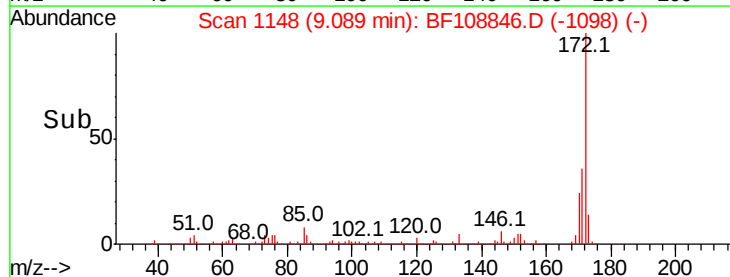
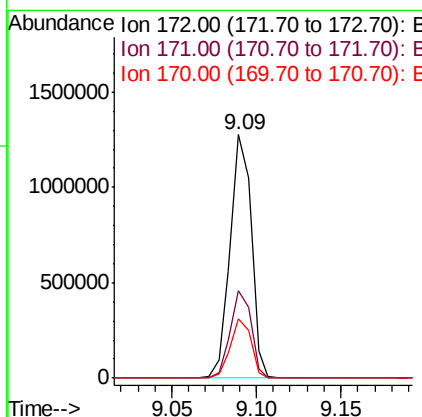
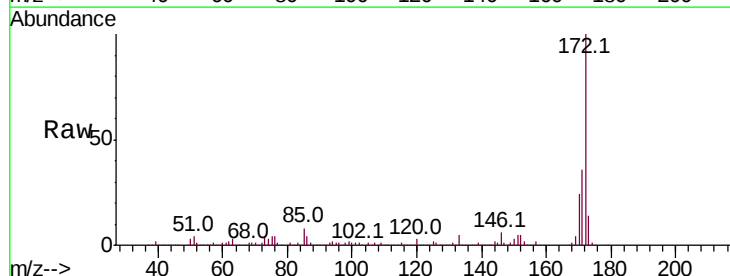
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

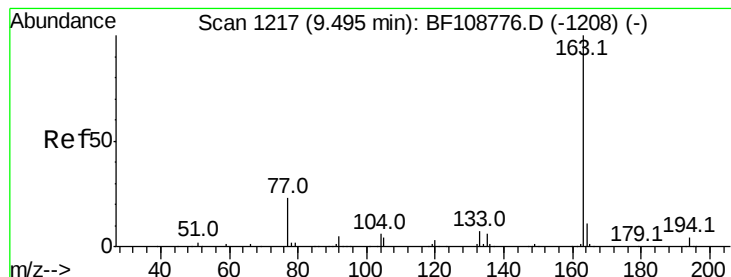
Tot Ion:330 Resp: 216815
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 33.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 63.467 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Tgt Ion:172 Resp: 1112432
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.2 19.6 29.4





#49

Dimethylphthalate

Concen: 17.728 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-FD-01

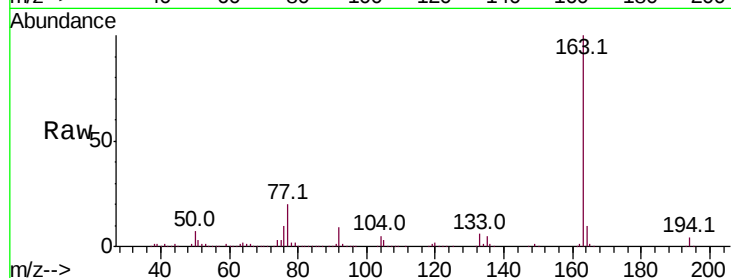
Tot Ion:163 Resp: 370763

Ion Ratio Lower Upper

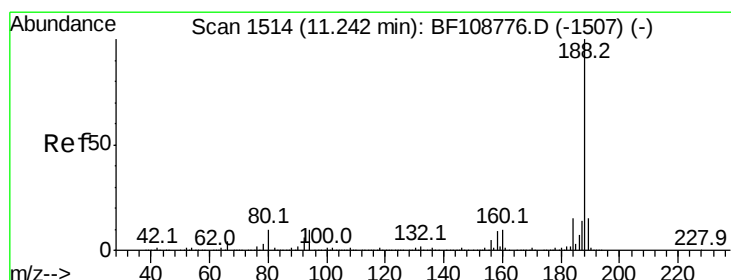
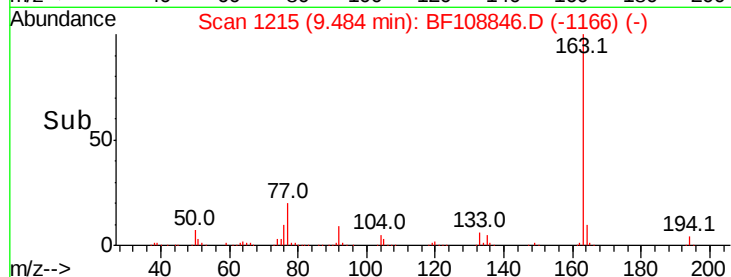
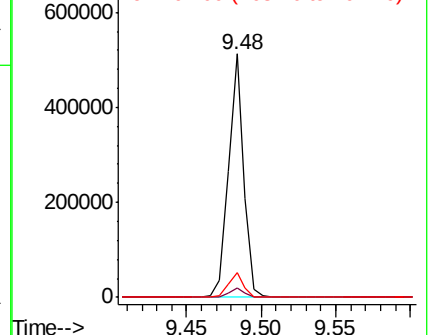
163 100

194 3.9 2.7 4.1

164 10.4 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: BF108846.D

Acq: 7 Sep 2018 1:41

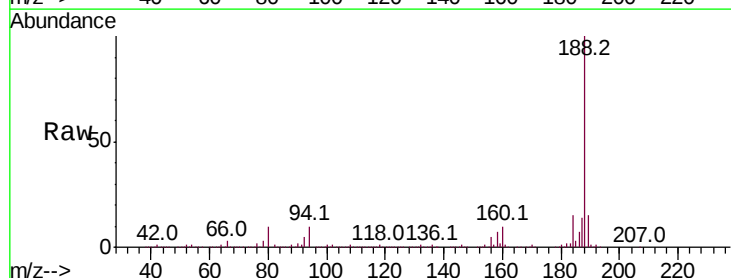
Tgt Ion:188 Resp: 518161

Ion Ratio Lower Upper

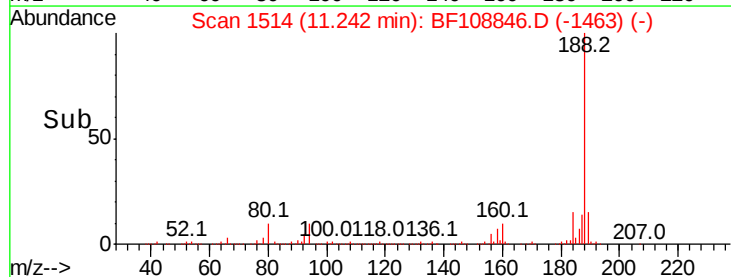
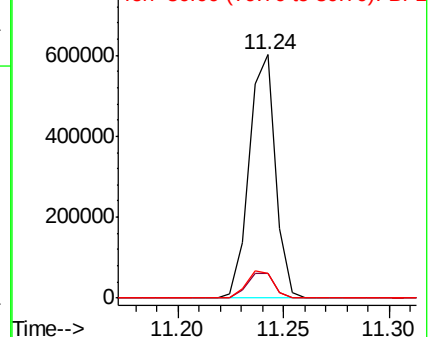
188 100

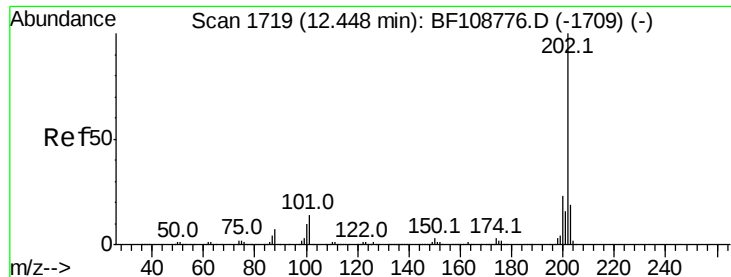
94 9.9 8.5 12.7

80 10.4 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: 3.239 ng

RT: 12.44 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-FD-01

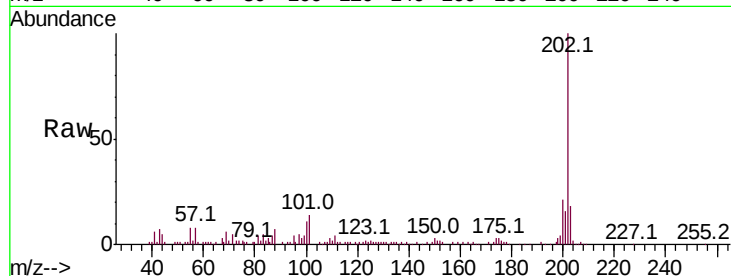
Tot Ion:202 Resp: 79357

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

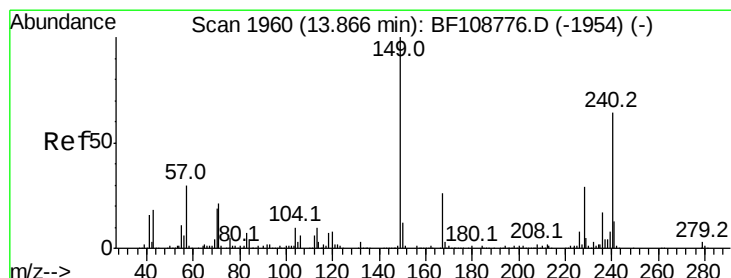
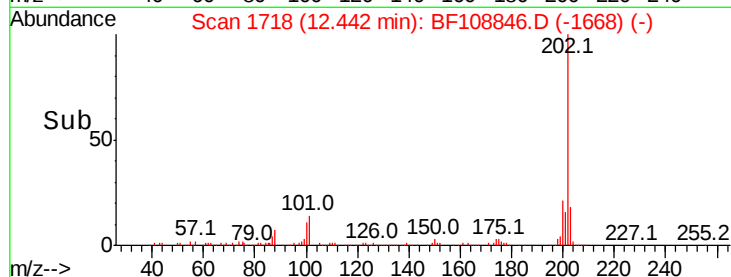
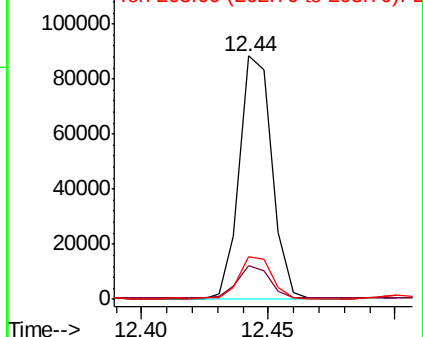
203 17.7 0.0 38.1



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: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

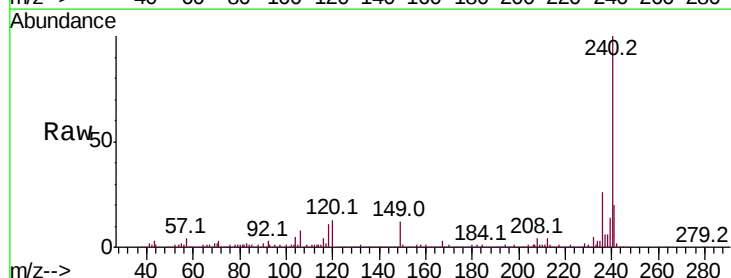
Tgt Ion:240 Resp: 579880

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

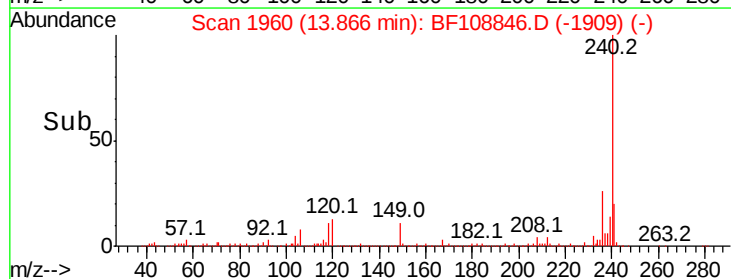
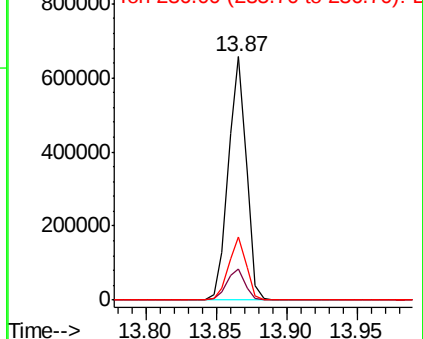
236 25.9 20.7 31.1

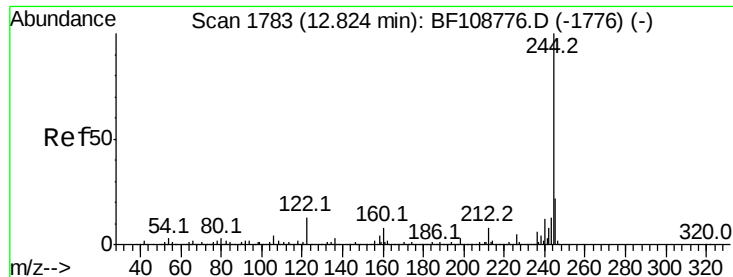


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 42.621 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

Instrument :

BNA_F

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EP1-Q2-FD-01

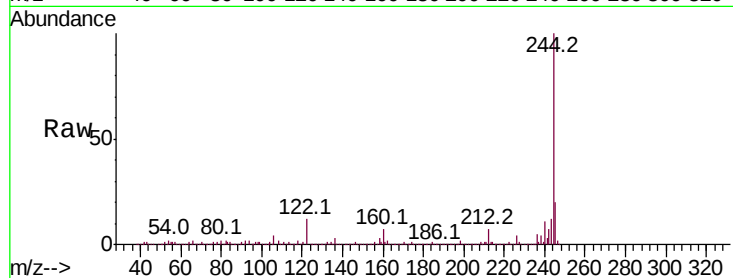
Tot Ion:244 Resp: 1059866

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

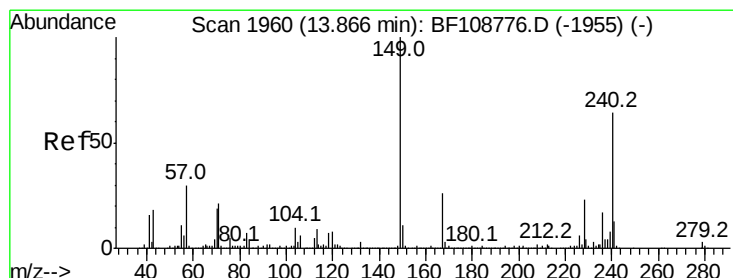
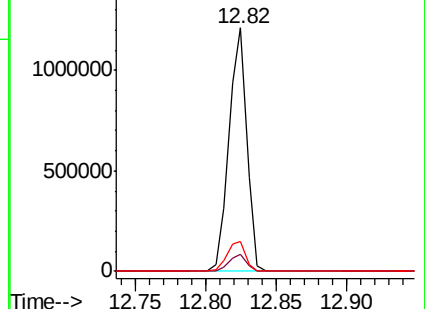
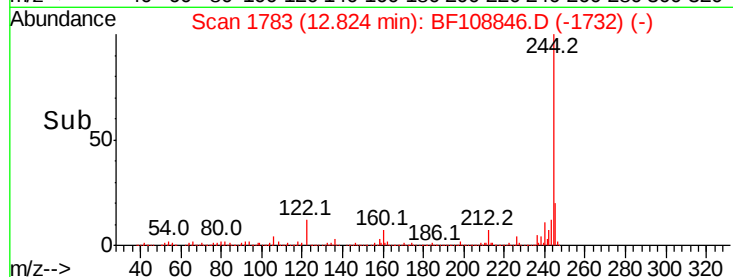
122 12.3 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.641 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

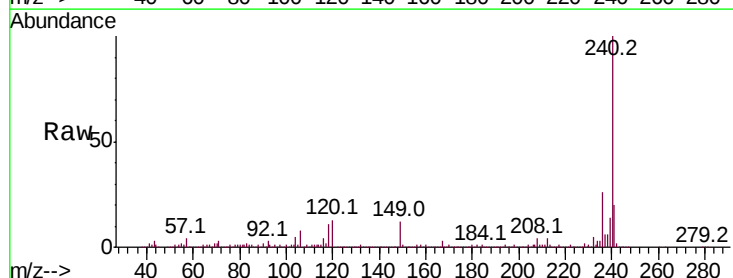
Tgt Ion:149 Resp: 66700

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

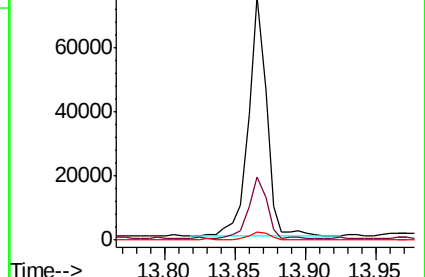
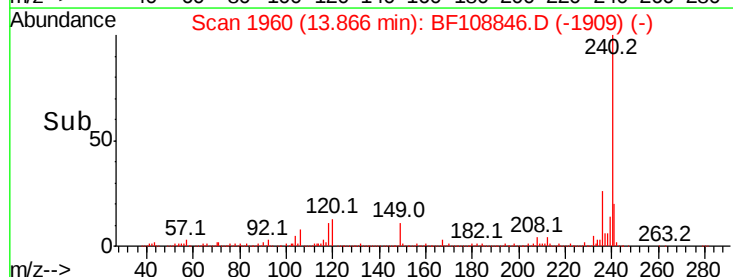
279 3.5 3.0 4.4

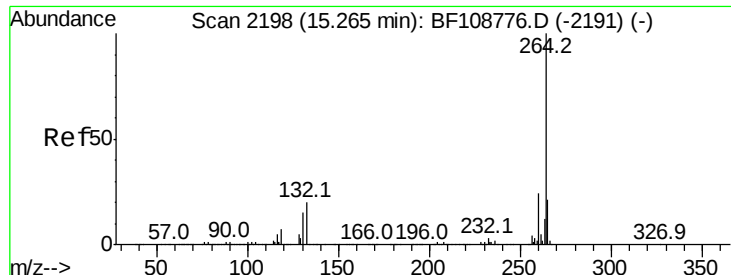


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-FD-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

