

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109391.D
 Acq On : 27 Sep 2018 17:04
 Operator : JU/SJ
 Sample : J5066-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H4

Quant Time: Sep 27 18:48:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

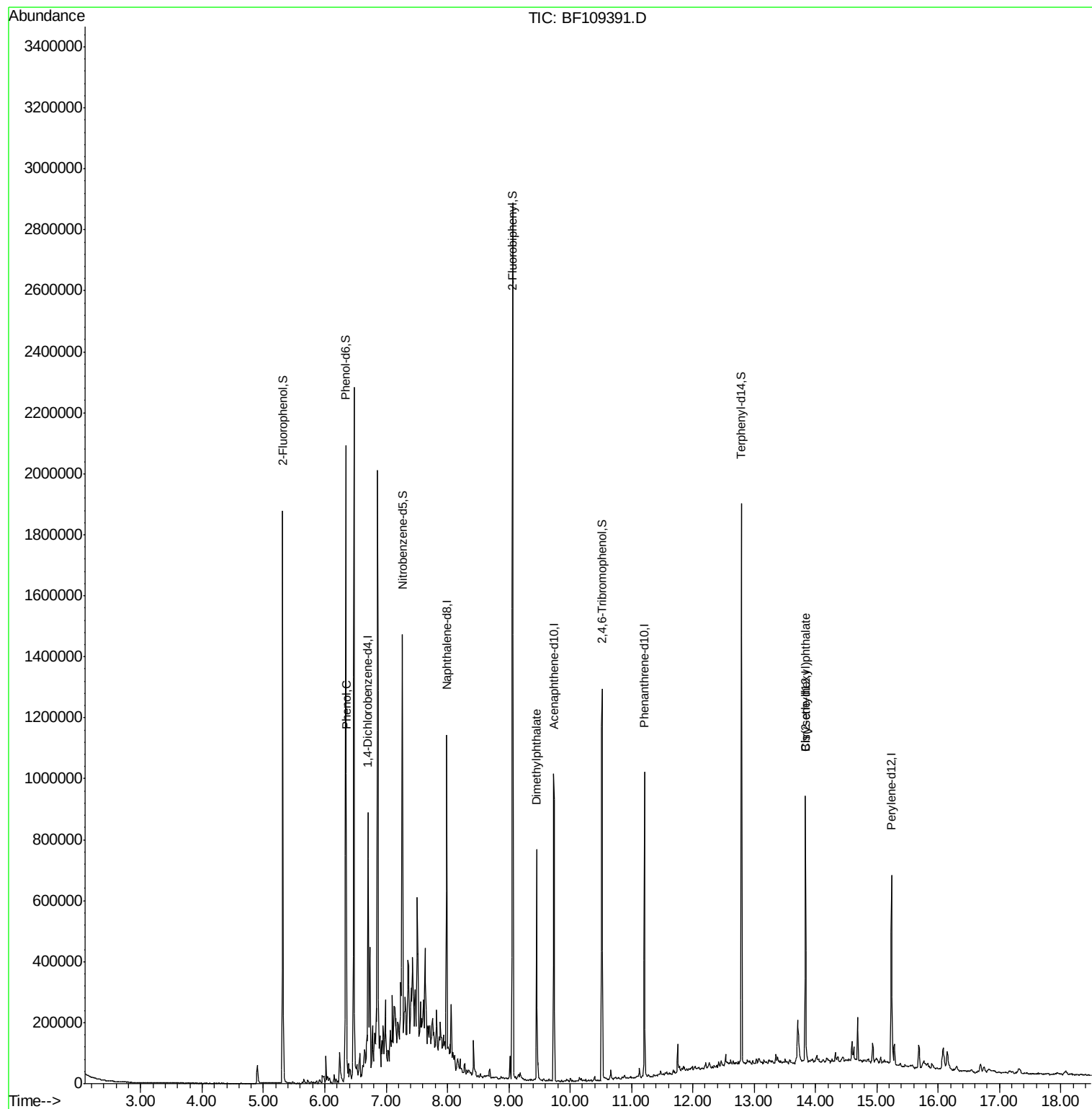
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110354	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	415271	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	198983	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	343604	20.00	ng	0.00
75) Chrysene-d12	13.84	240	242258	20.00	ng	0.00
86) Perylene-d12	15.24	264	284269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	540913	80.73	ng	0.00
7) Phenol-d6	6.35	99	695098	81.30	ng	-0.01
23) Nitrobenzene-d5	7.27	82	436215	62.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	159112	81.12	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	802478	60.82	ng	-0.01
78) Terphenyl-d14	12.79	244	608841	61.68	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	24504	2.531	ng	98
49) Dimethylphthalate	9.46	163	272527	18.830	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	56943	6.113	ng	99

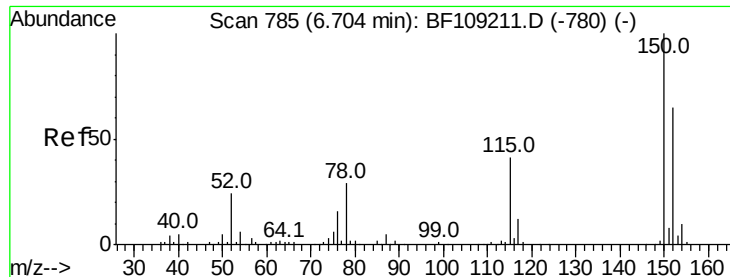
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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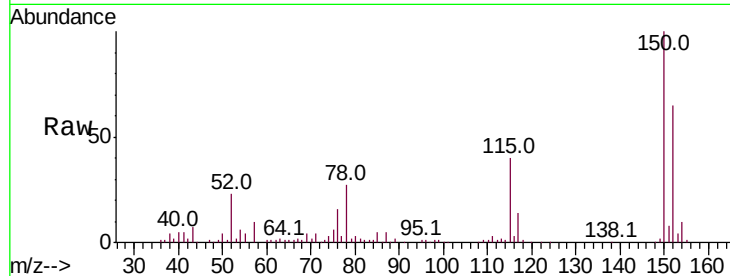


#1

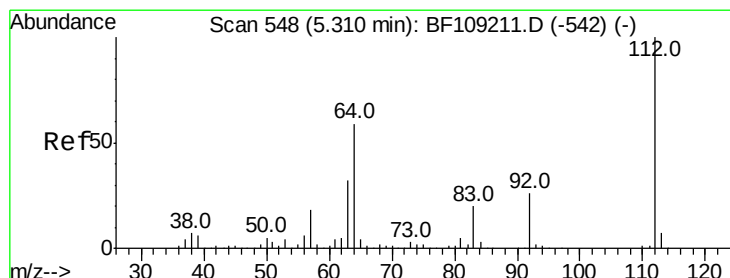
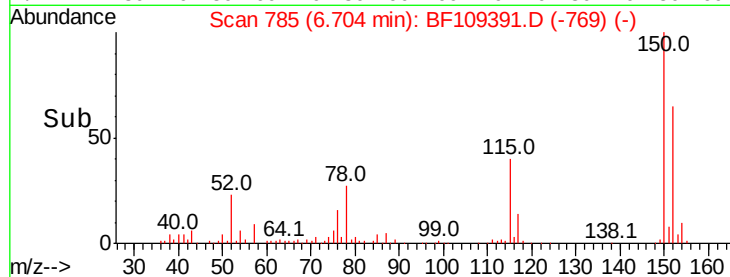
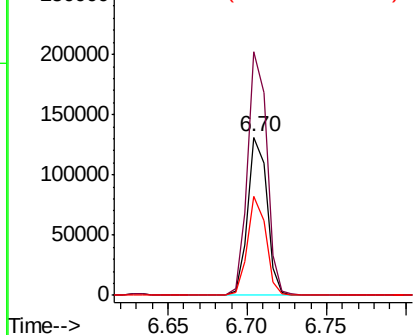
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109391.D
Acq: 27 Sep 2018 17:04

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H4

Tot Ion:152 Resp: 110354
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 62.4 50.1 75.1



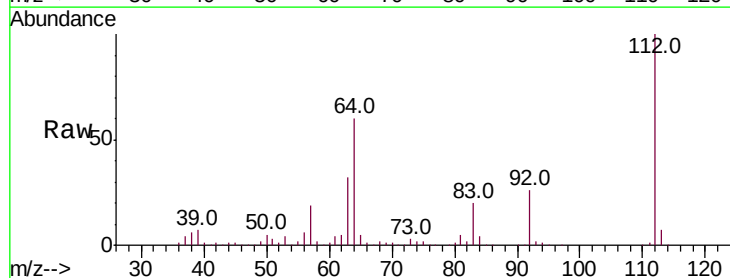
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



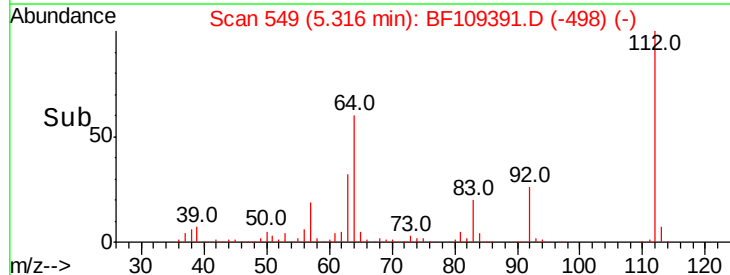
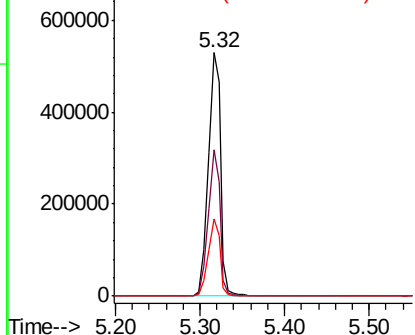
#5

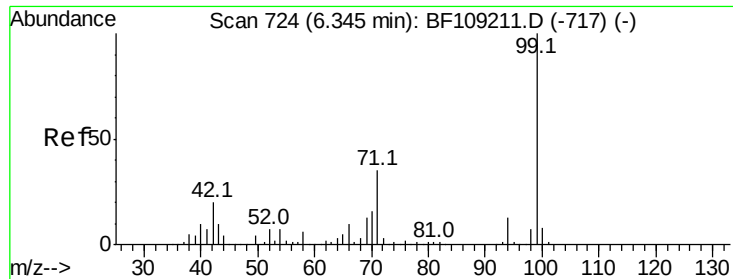
2-Fluorophenol
Concen: 80.733 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109391.D
Acq: 27 Sep 2018 17:04

Tgt Ion:112 Resp: 540913
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.6 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: 81.303 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109391.D

Acq: 27 Sep 2018 17:04

Instrument :

BNA_F

ClientSampled :

EP1-Q1-H4

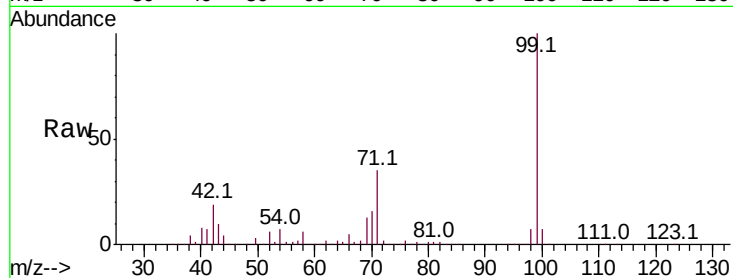
Tot Ion: 99 Resp: 695098

Ion Ratio Lower Upper

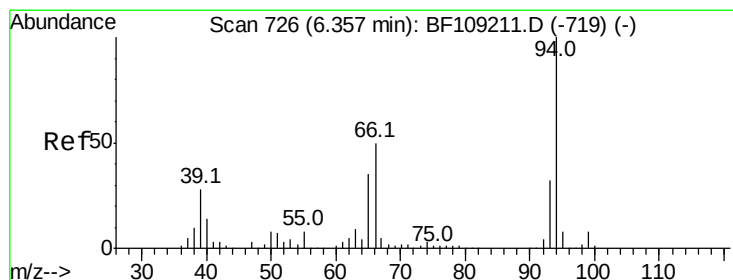
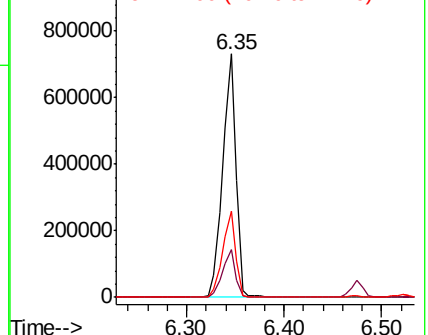
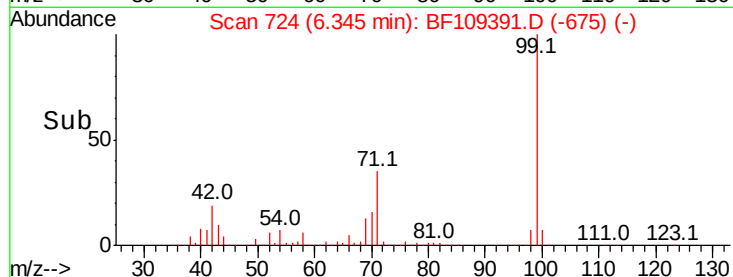
99 100

42 19.4 14.5 21.7

71 35.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
800000
Ion 71.00 (70.70 to 71.70): BF1
600000
400000
200000
0



#10

Phenol

Concen: 2.531 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109391.D

Acq: 27 Sep 2018 17:04

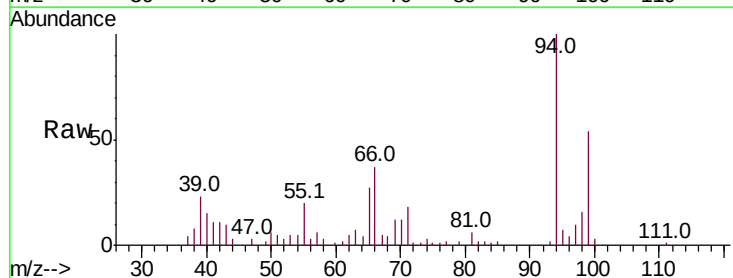
Tgt Ion: 94 Resp: 24504

Ion Ratio Lower Upper

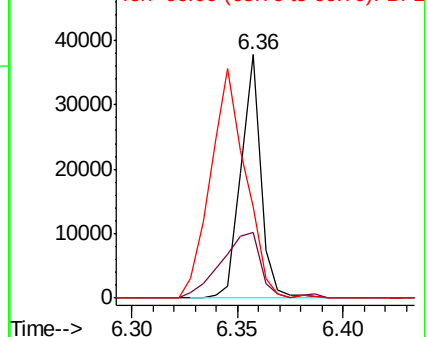
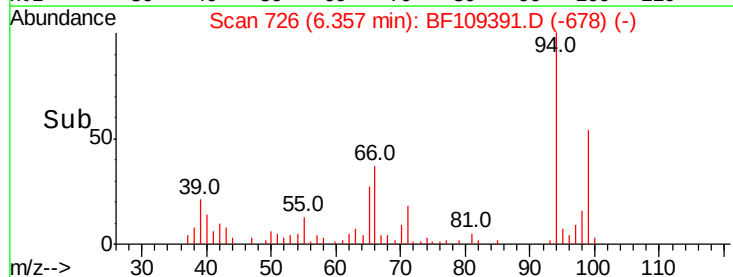
94 100

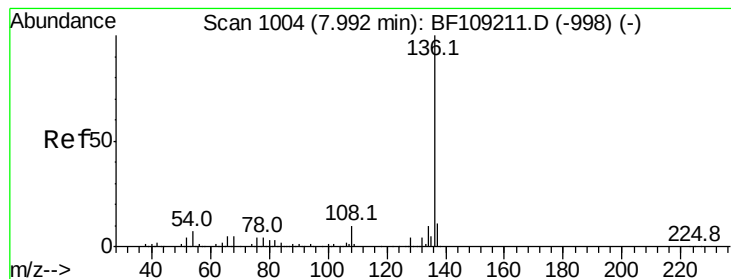
65 27.0 7.9 47.9

66 37.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
50000
Ion 65.00 (64.70 to 65.70): BF1
40000
Ion 66.00 (65.70 to 66.70): BF1
30000
20000
10000
0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109391.D

Acq: 27 Sep 2018 17:04

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H4

Tot Ion:136 Resp: 415271

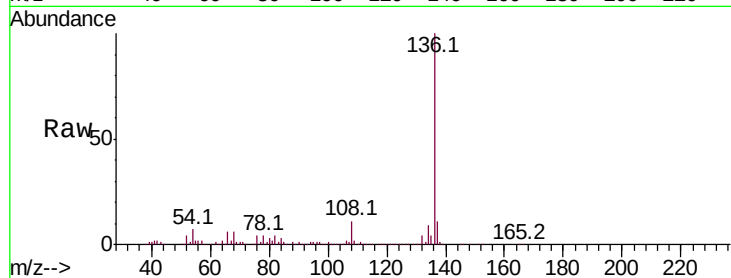
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 5.9 5.0 7.4

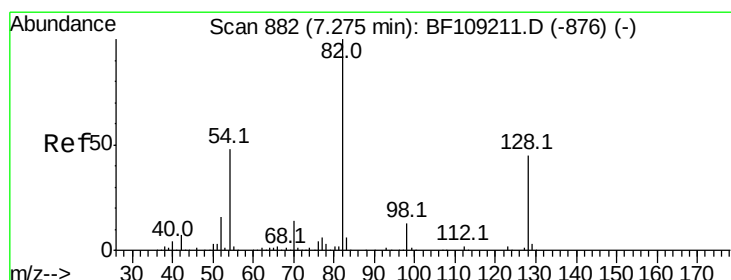
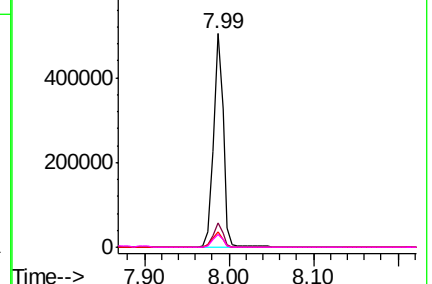
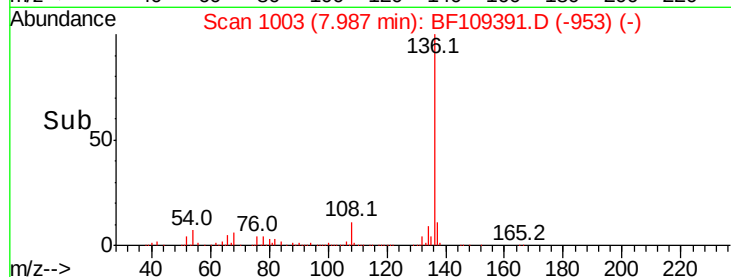


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.009 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109391.D

Acq: 27 Sep 2018 17:04

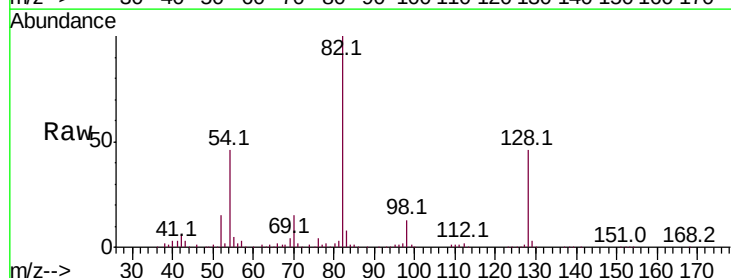
Tgt Ion: 82 Resp: 436215

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

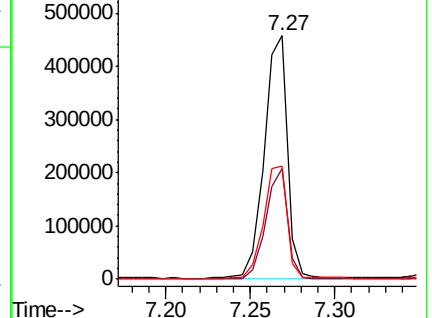
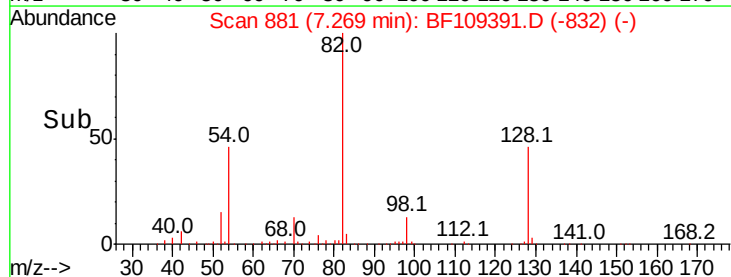
54 46.3 41.4 62.2

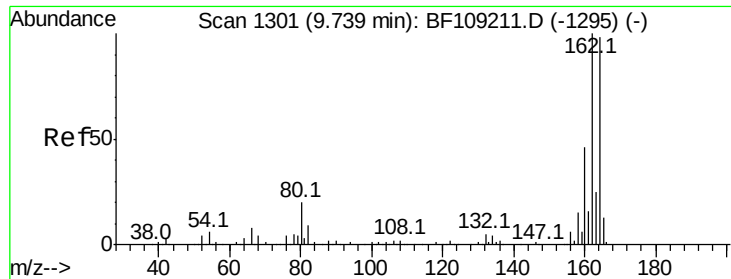


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

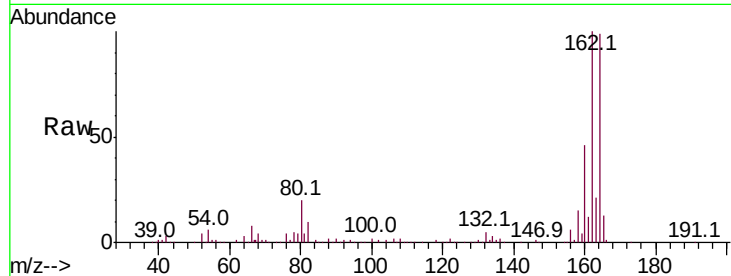




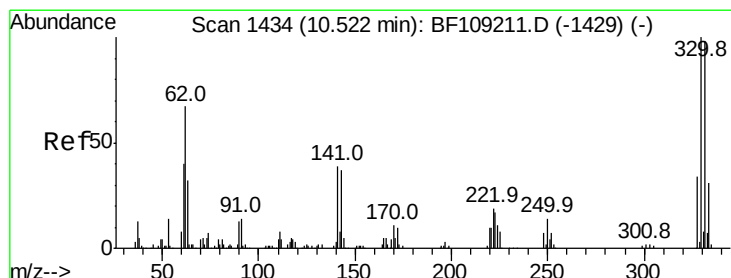
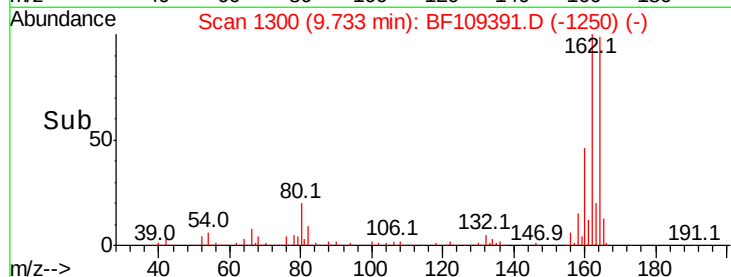
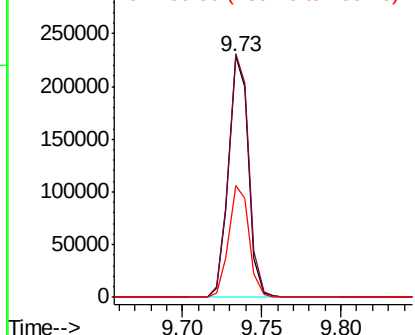
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109391.D
 Acq: 27 Sep 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H4

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.3	38.3	57.5

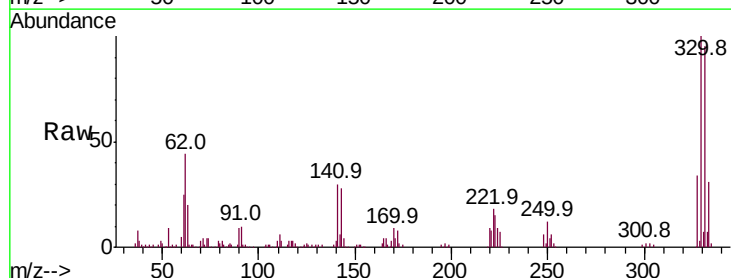


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

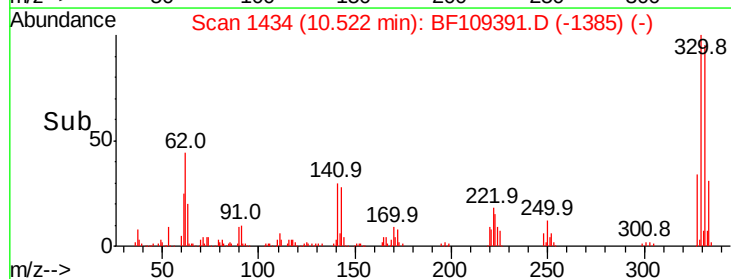
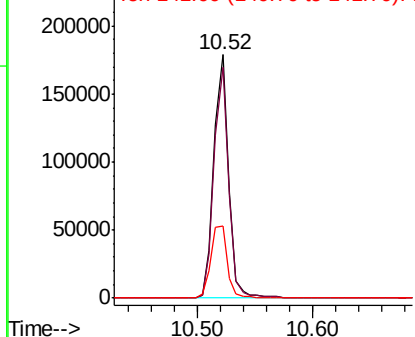


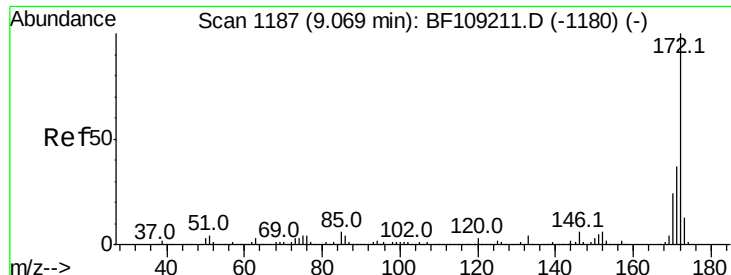
#41
 2,4,6-Tribromophenol
 Concen: 81.115 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109391.D
 Acq: 27 Sep 2018 17:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.3	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

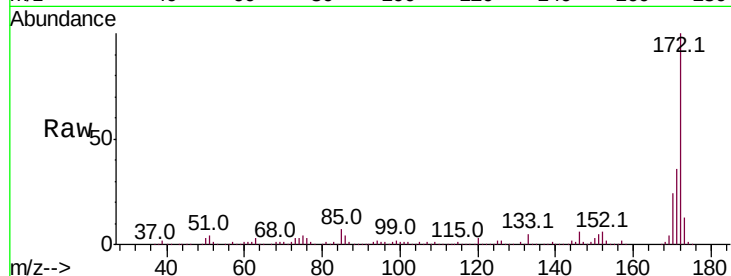




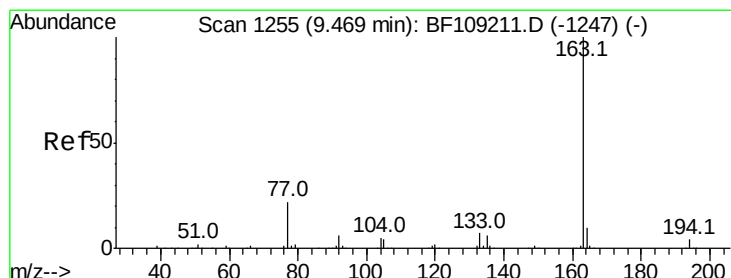
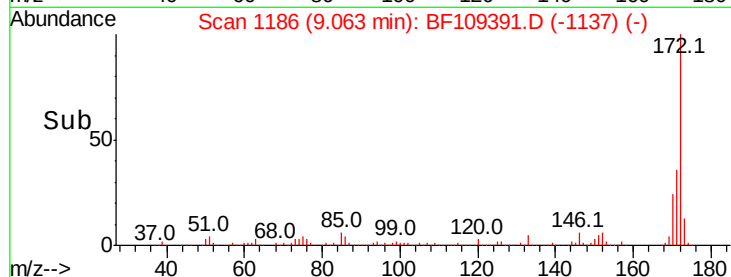
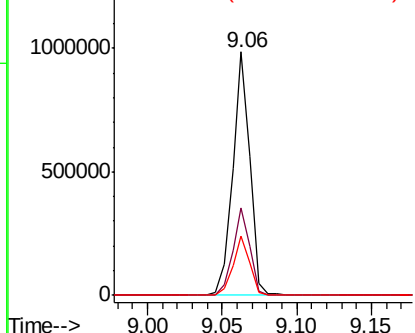
#44
2-Fluorobiphenyl
Concen: 60.824 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109391.D
Acq: 27 Sep 2018 17:04

Instrument :
BNA_F
ClientSampled :
EP1-Q1-H4

Tot Ion:172 Resp: 802478
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.2 19.6 29.4

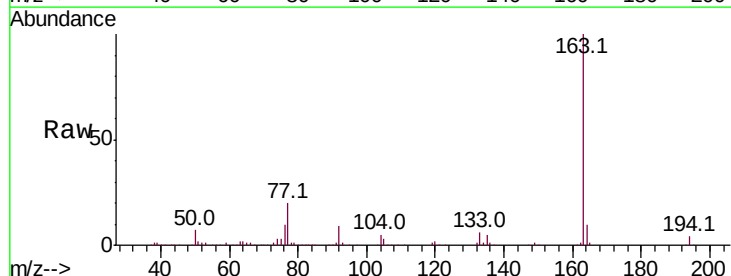


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

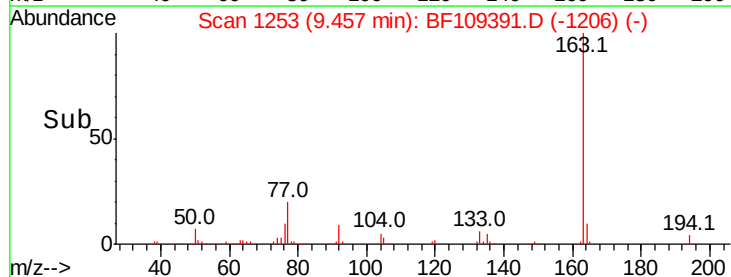
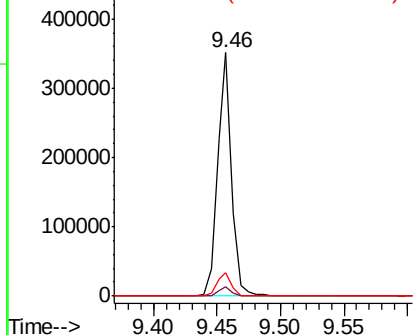


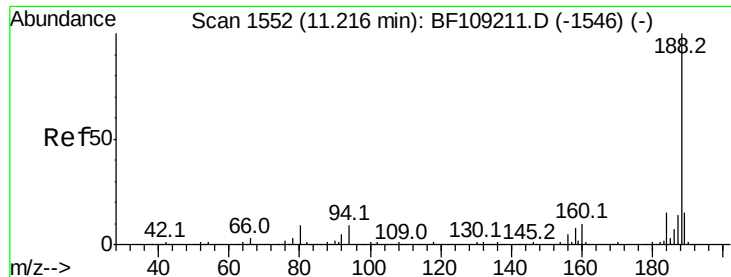
#49
Dimethylphthalate
Concen: 18.830 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109391.D
Acq: 27 Sep 2018 17:04

Tgt Ion:163 Resp: 272527
Ion Ratio Lower Upper
163 100
194 3.9 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

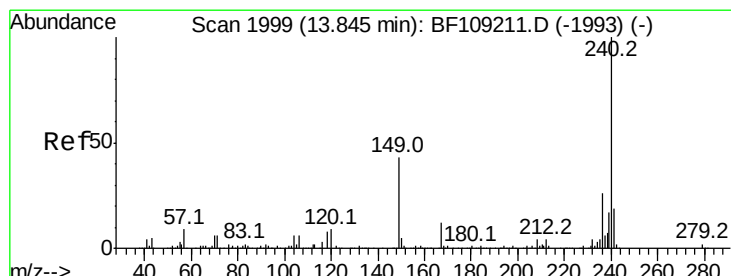
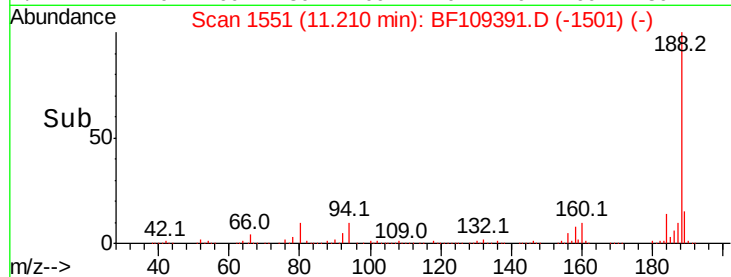
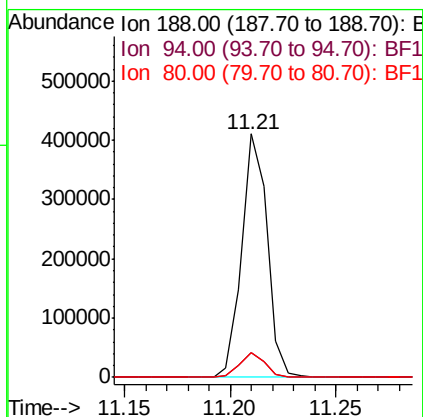
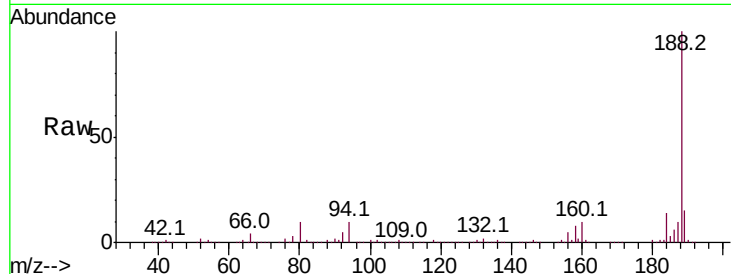




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109391.D
Acq: 27 Sep 2018 17:04

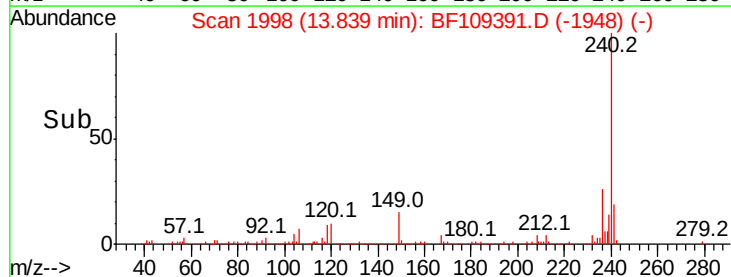
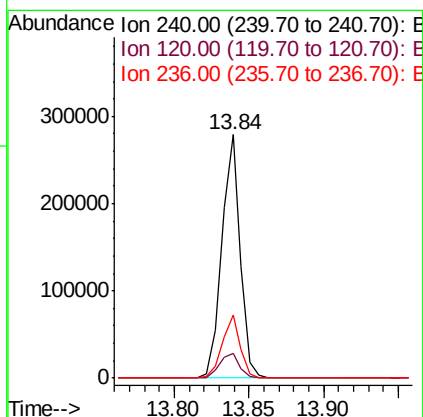
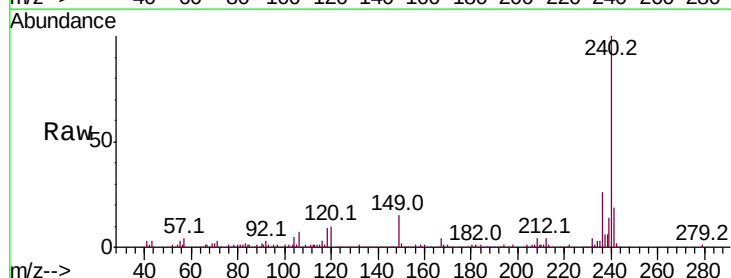
Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H4

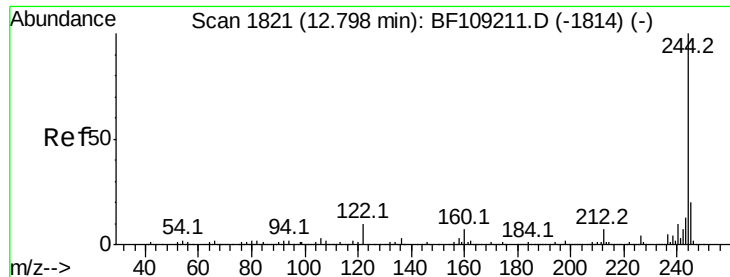
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109391.D
Acq: 27 Sep 2018 17:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.2	20.7	31.1

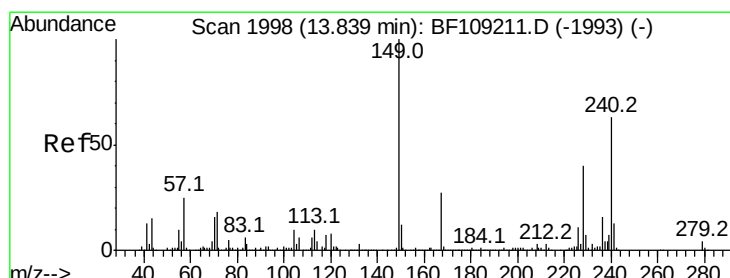
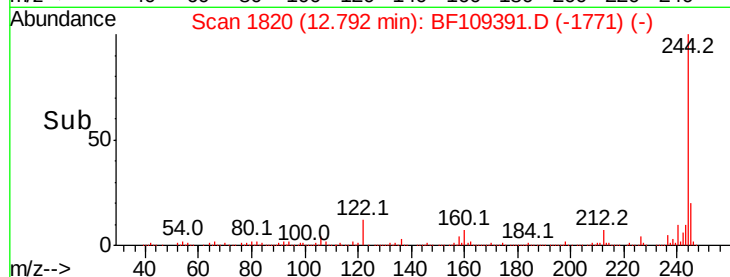
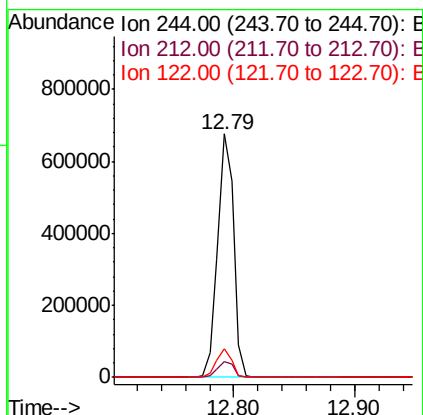
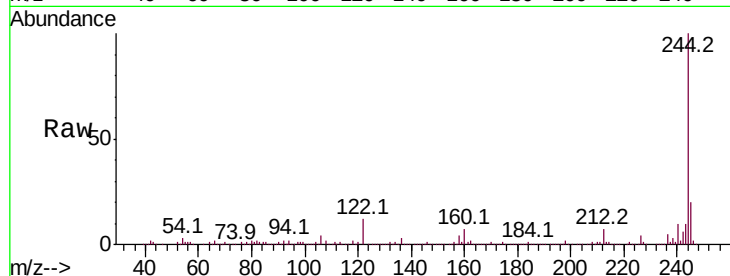




#78
 Terphenyl-d14
 Concen: 61.678 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109391.D
 Acq: 27 Sep 2018 17:04

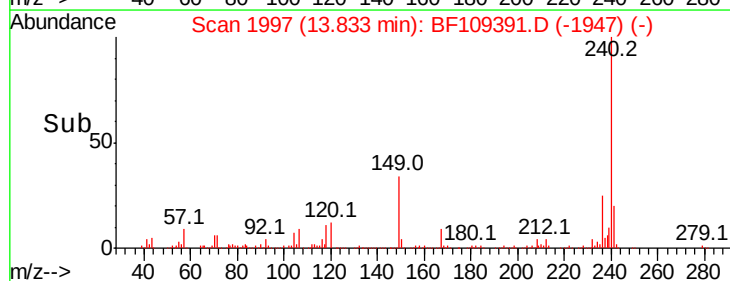
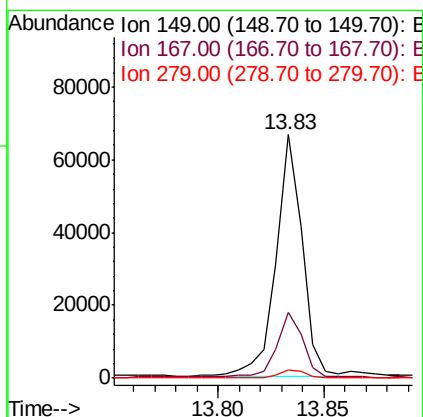
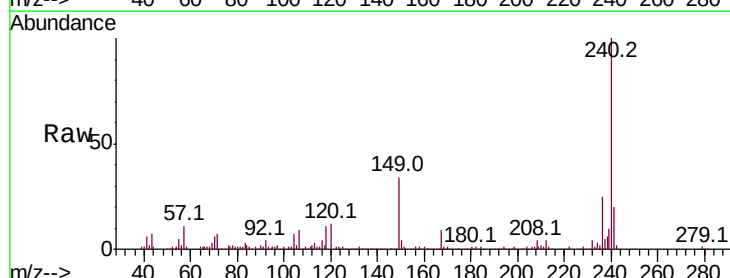
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H4

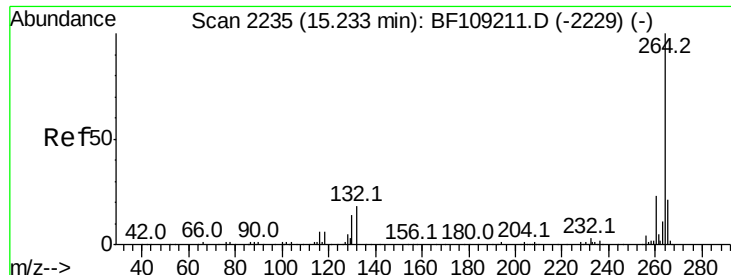
Tot Ion:244 Resp: 608841
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.6 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.113 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109391.D
 Acq: 27 Sep 2018 17:04

Tgt Ion:149 Resp: 56943
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.3 3.0 4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109391.D
Acq: 27 Sep 2018 17:04

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-H4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

