

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110403.D
 Acq On : 2 Nov 2018 11:14
 Operator : JU/SJ
 Sample : J5741-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Nov 02 22:13:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

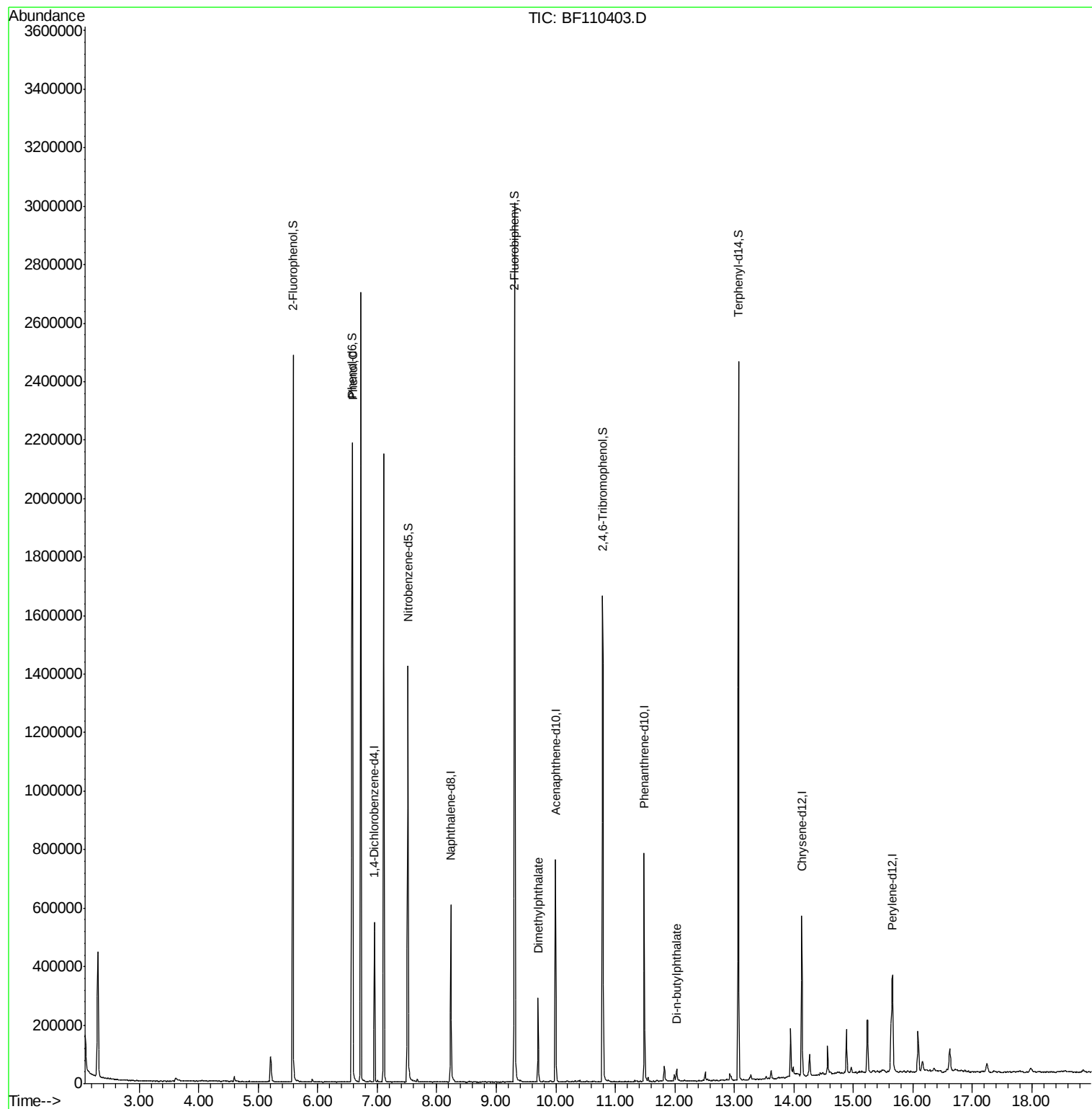
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83537	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	339577	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	160932	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	303059	20.00	ng	0.00
76) Chrysene-d12	14.13	240	181120	20.00	ng	0.00
87) Perylene-d12	15.66	264	169029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	701173	136.69	ng	0.01
7) Phenol-d6	6.58	99	891525	135.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	566551	98.96	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	207805	130.36	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1006671	98.22	ng	0.00
79) Terphenyl-d14	13.07	244	858362	98.56	ng	0.00
Target Compounds						
10) Phenol	6.59	94	57752	8.234	ng	Qvalue # 69
50) Dimethylphthalate	9.70	163	128866	10.848	ng	100
74) Di-n-butylphthalate	12.03	149	35843	2.045	ng	98

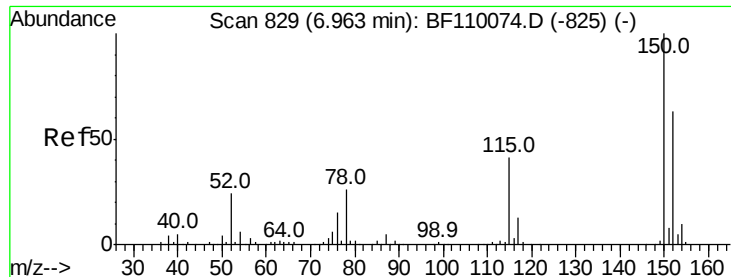
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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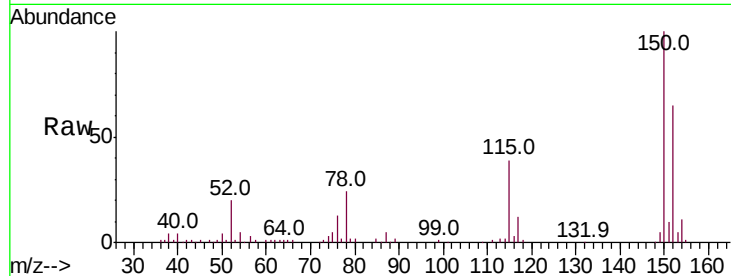


#1

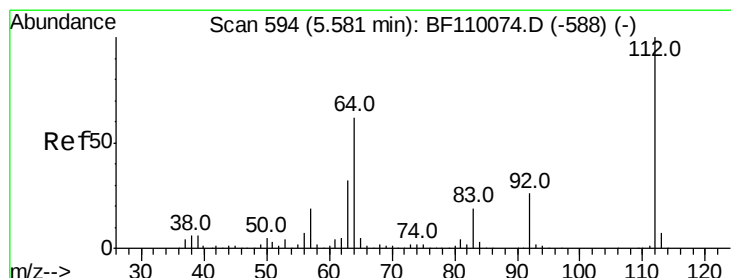
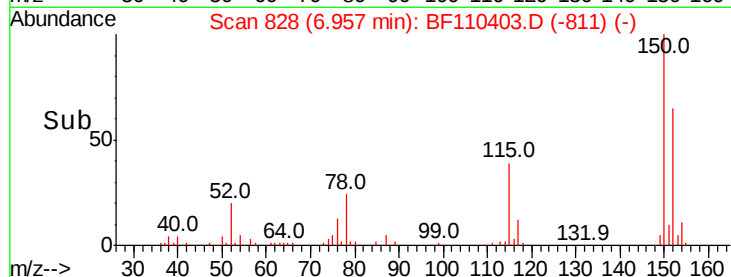
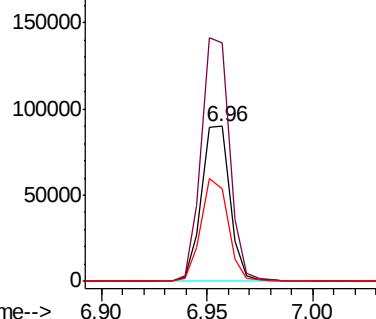
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF110403.D
 Acq: 2 Nov 2018 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 83537
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.7 184.1
 115 60.0 49.1 73.7



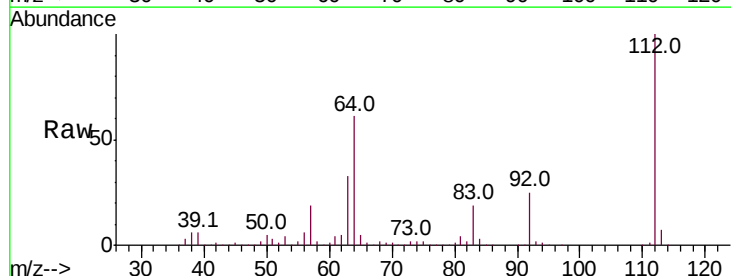
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



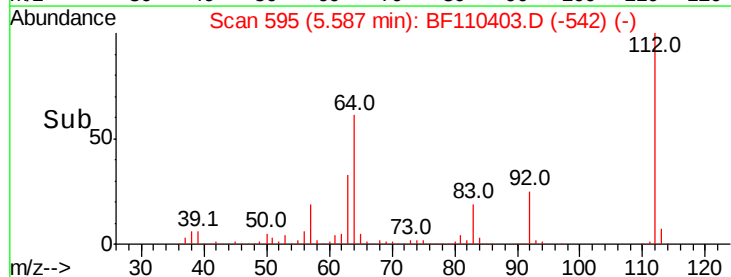
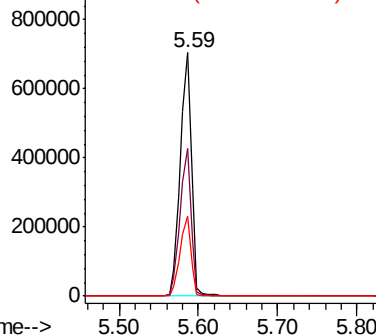
#5

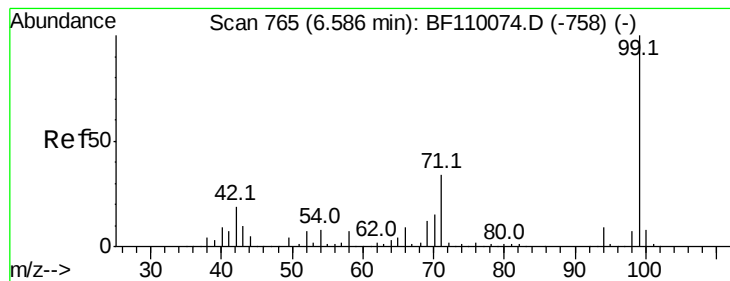
2-Fluorophenol
 Concen: 136.685 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110403.D
 Acq: 2 Nov 2018 11:14

Tgt Ion:112 Resp: 701173
 Ion Ratio Lower Upper
 112 100
 64 60.6 44.1 66.1
 63 32.6 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: 135.873 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampled :

TP-3

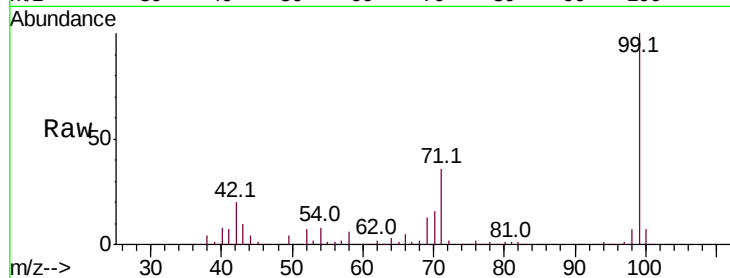
Tot Ion: 99 Resp: 891525

Ion Ratio Lower Upper

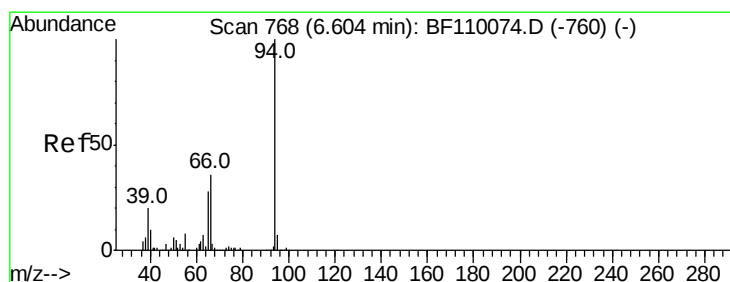
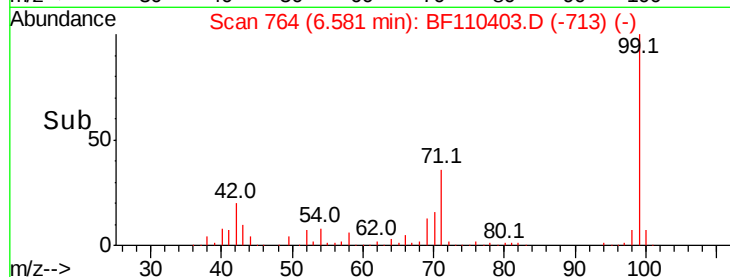
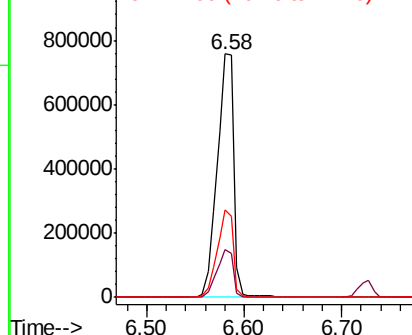
99 100

42 19.8 15.8 23.6

71 35.7 28.0 42.0



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



#10

Phenol

Concen: 8.234 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

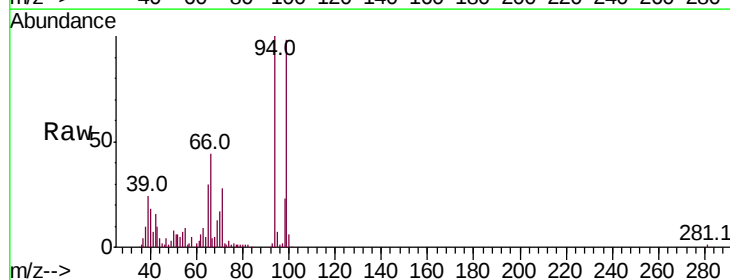
Tgt Ion: 94 Resp: 57752

Ion Ratio Lower Upper

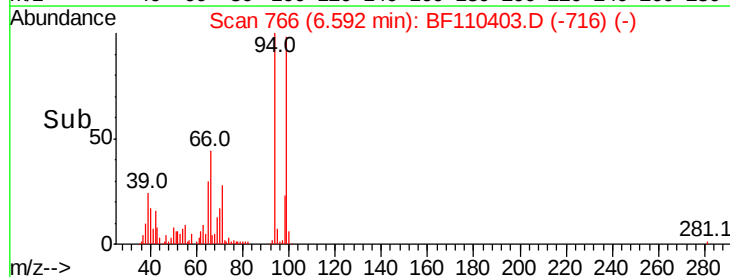
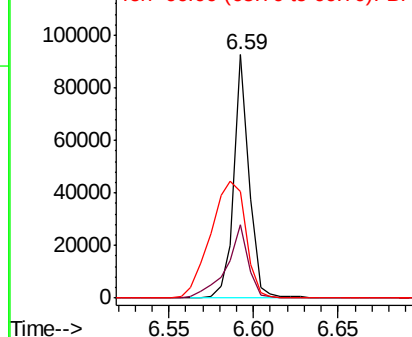
94 100

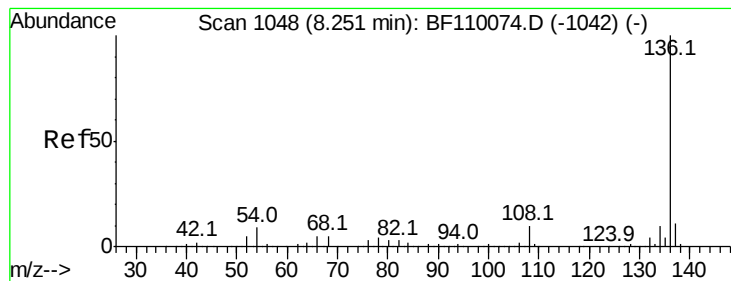
65 30.0 25.3 65.3

66 44.0 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

TP-3

Tot Ion:136 Resp: 339577

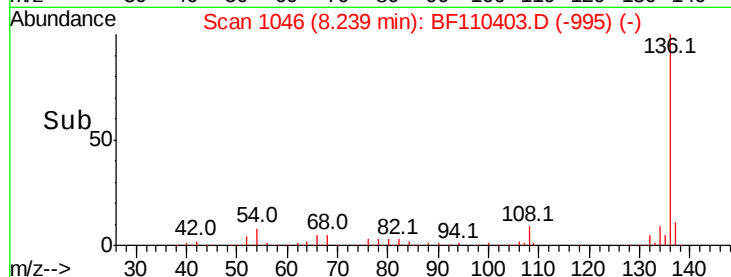
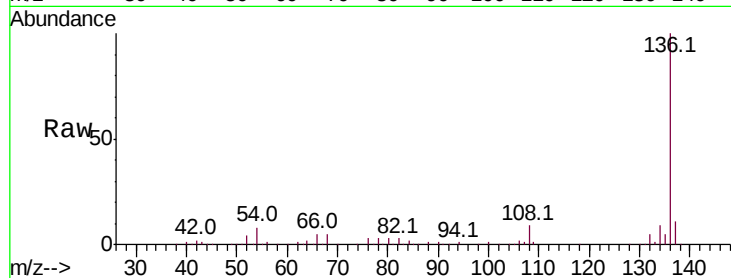
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.6 5.4 8.2

68 5.0 4.2 6.2

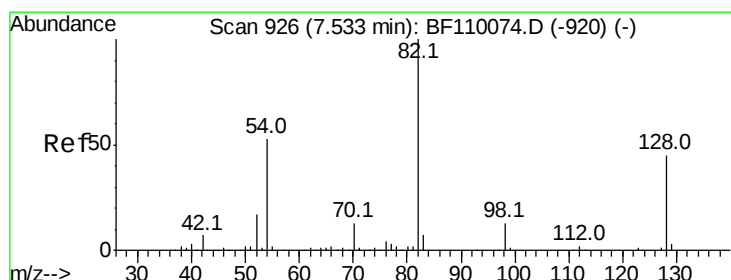
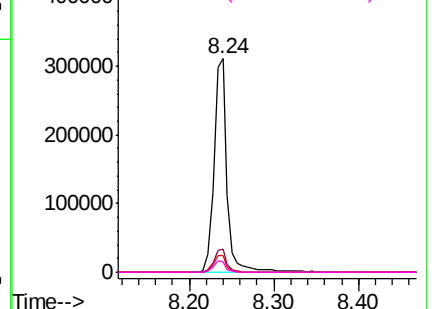


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.958 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

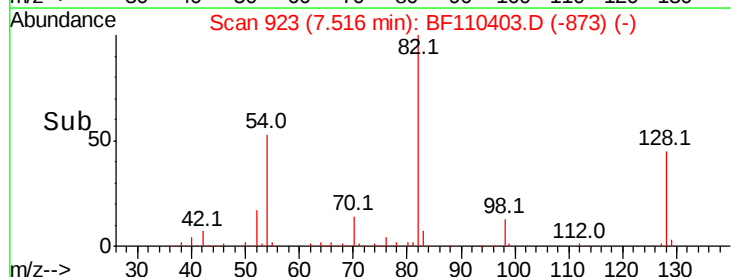
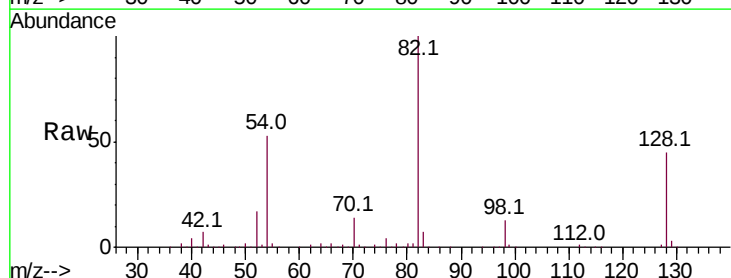
Tgt Ion: 82 Resp: 566551

Ion Ratio Lower Upper

82 100

128 44.7 34.2 51.2

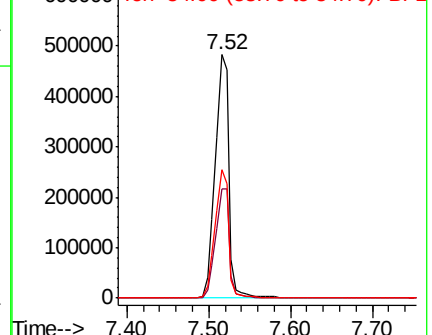
54 52.9 38.6 58.0

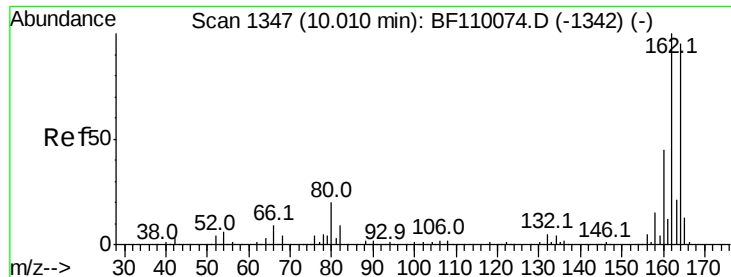


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

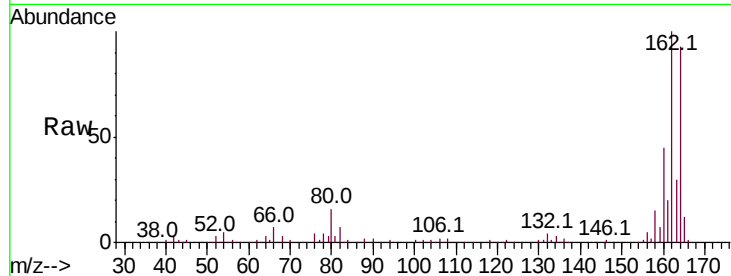




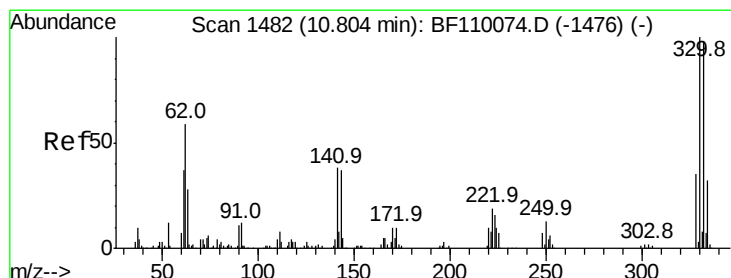
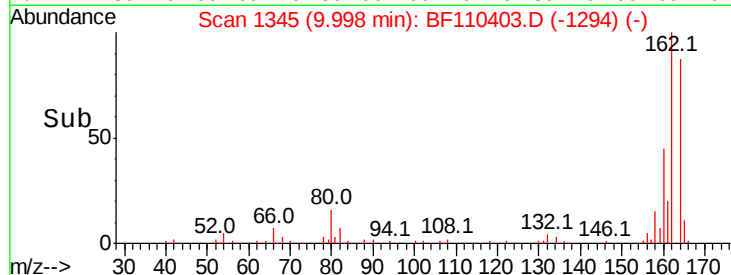
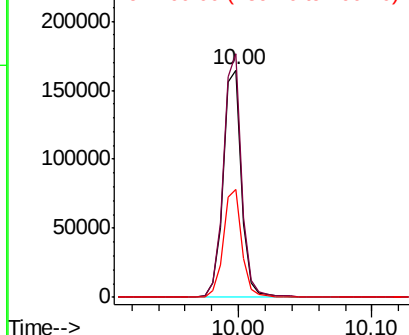
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:164 Resp: 160932
Ion Ratio Lower Upper
164 100
162 107.1 83.0 124.6
160 47.7 37.0 55.6

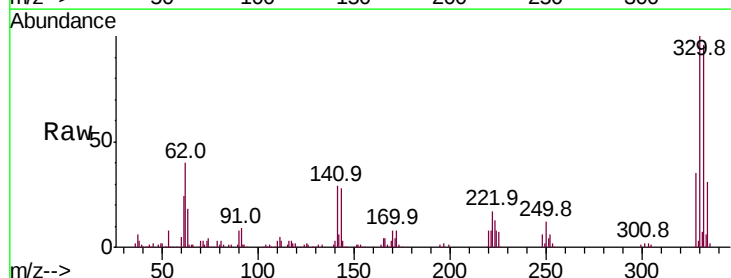


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

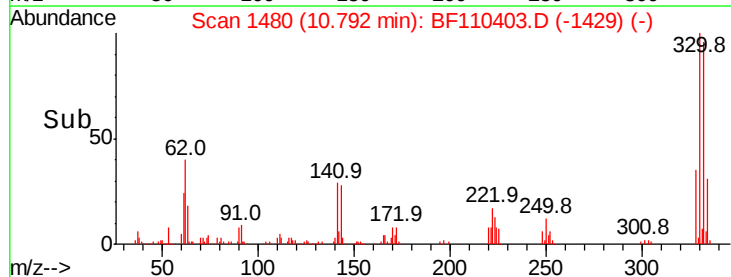
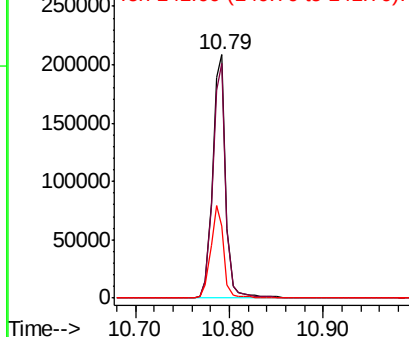


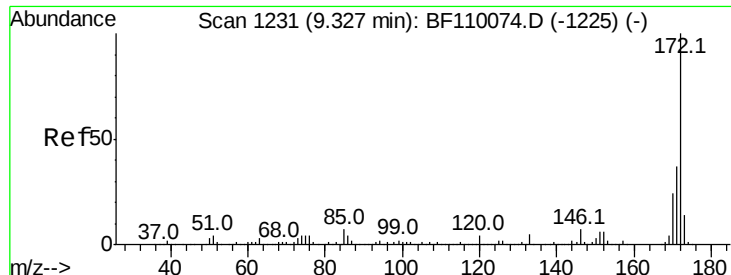
#42
2,4,6-Tribromophenol
Concen: 130.356 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF110403.D
Acq: 2 Nov 2018 11:14

Tgt Ion:330 Resp: 207805
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 37.2 27.0 40.4



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



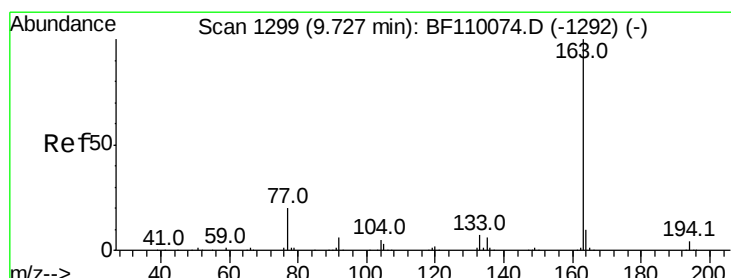
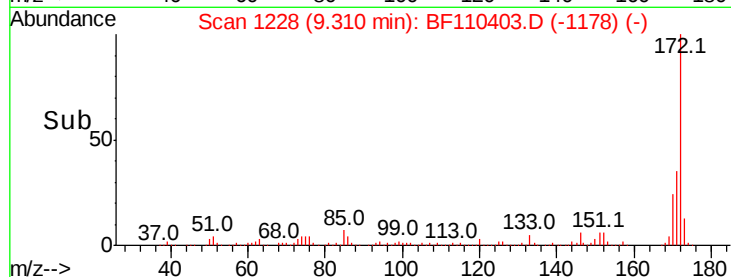
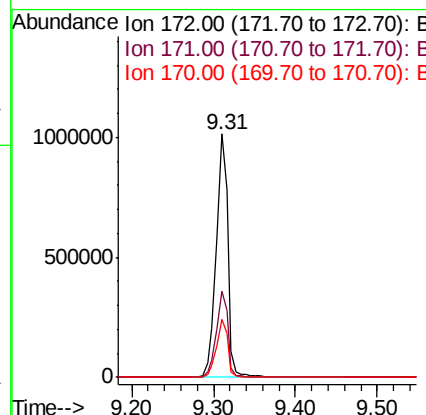
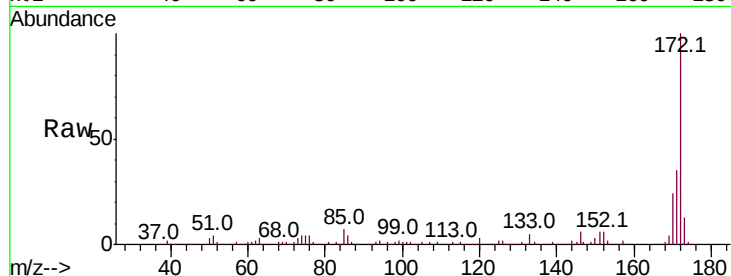


#45
 2-Fluorobiphenyl
 Concen: 98.224 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110403.D
 Acq: 2 Nov 2018 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:172 Resp: 1006671

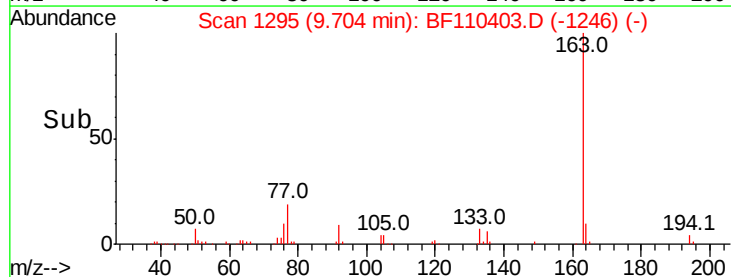
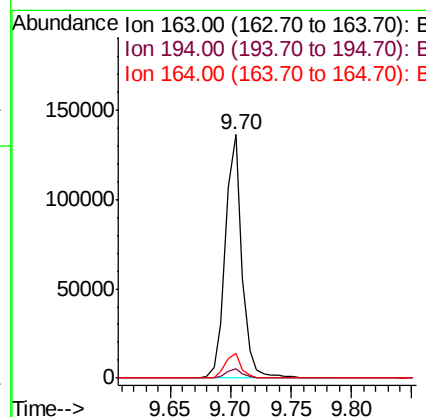
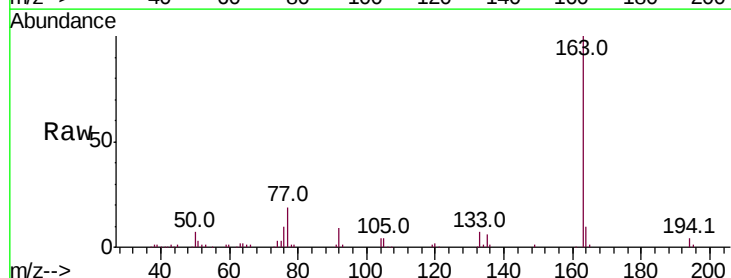
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.7	29.5

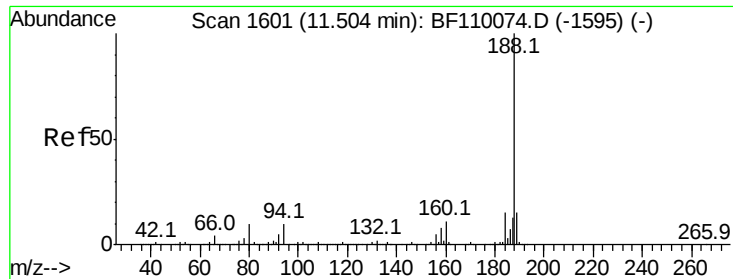


#50
 Dimethylphthalate
 Concen: 10.848 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110403.D
 Acq: 2 Nov 2018 11:14

Tgt Ion:163 Resp: 128866

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

Instrument :

BNA_F

ClientSampleId :

TP-3

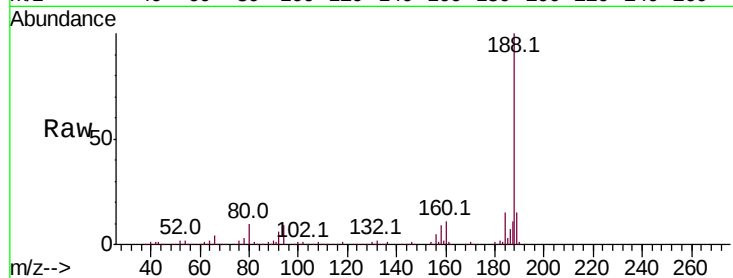
Tot Ion:188 Resp: 303059

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

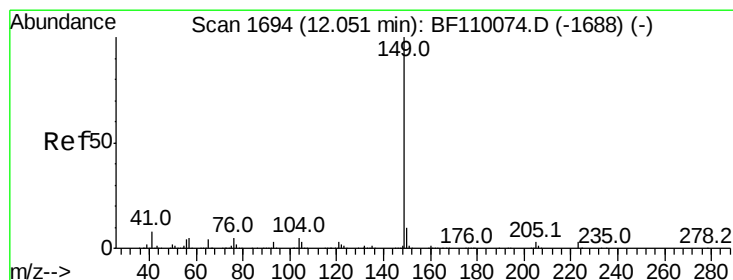
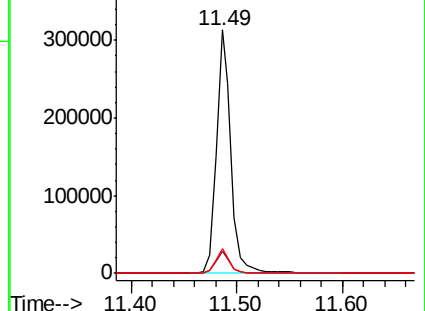
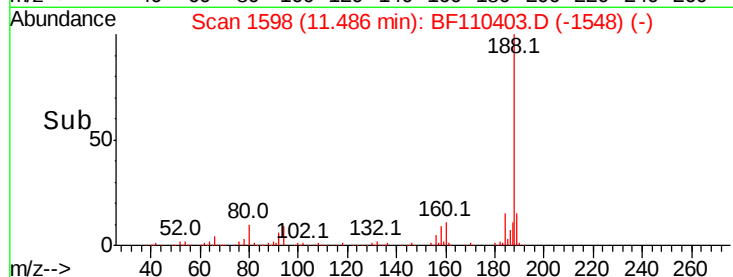
80 10.3 7.9 11.9



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

Di-n-butylphthalate

Concen: 2.045 ng

RT: 12.03 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BF110403.D

Acq: 2 Nov 2018 11:14

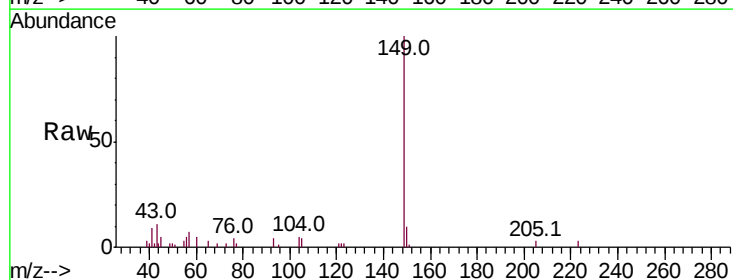
Tgt Ion:149 Resp: 35843

Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

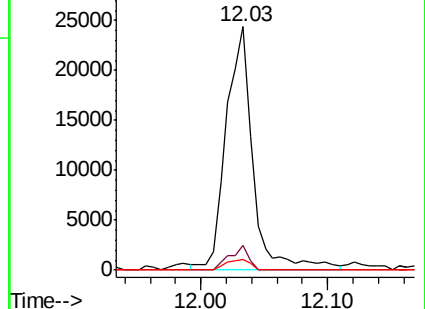
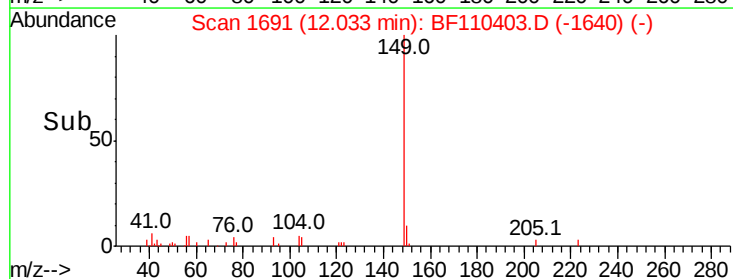
104 4.6 4.2 6.4

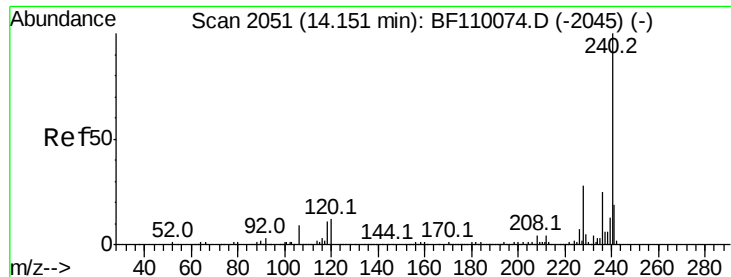


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

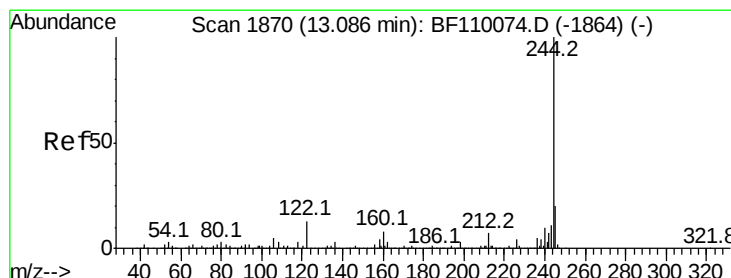
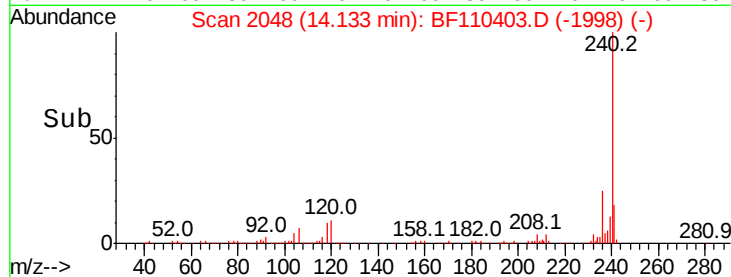
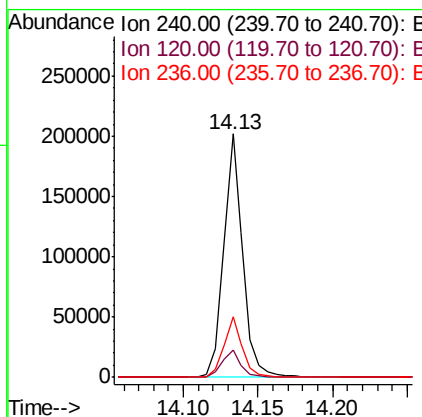
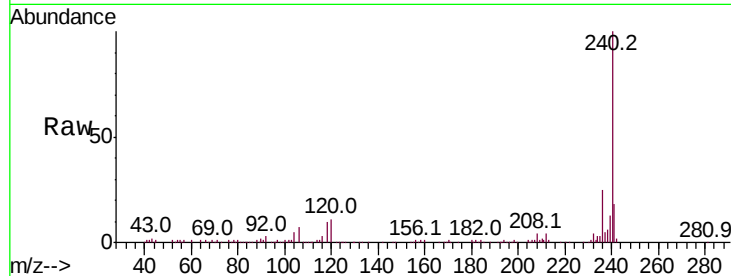




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110403.D
 Acq: 2 Nov 2018 11:14

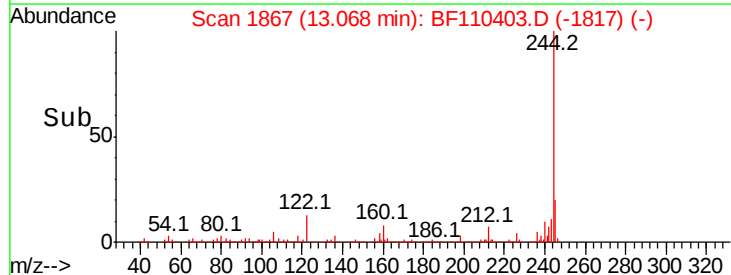
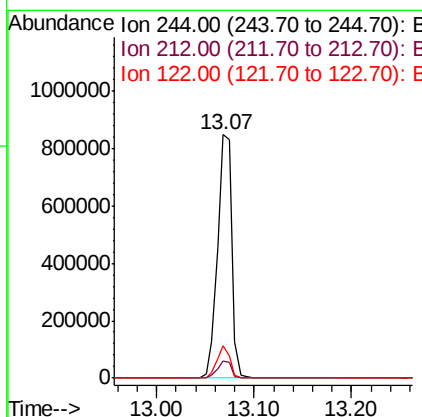
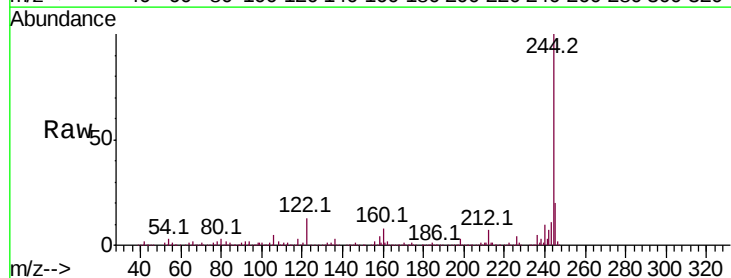
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

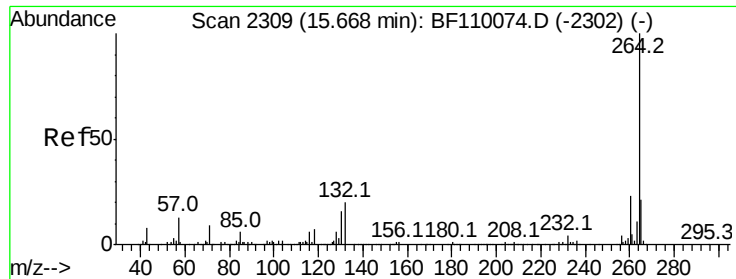
Tot Ion:240 Resp: 181120
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 24.9 21.2 31.8



#79
 Terphenyl-d14
 Concen: 98.561 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110403.D
 Acq: 2 Nov 2018 11:14

Tgt Ion:244 Resp: 858362
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.5 8.7 13.1#

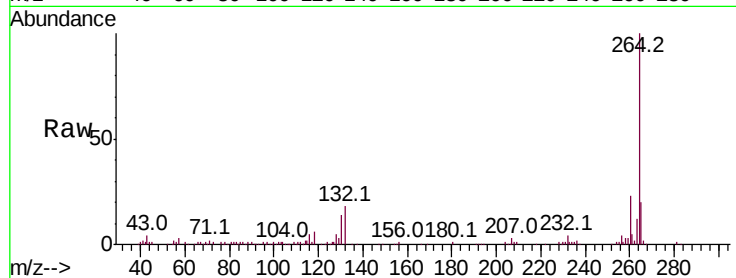




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BF110403.D
 Acq: 2 Nov 2018 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.5	16.7	25.1



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

