

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104391.D
 Acq On : 10 Apr 2018 00:33
 Operator : JU/SJ
 Sample : J2157-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-E

Quant Time: Apr 10 03:33:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114667	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	423576	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162775	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	255908	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269448	20.00	ng	0.00
86) Perylene-d12	15.44	264	210277	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	915779	122.12	ng	0.02
7) Phenol-d6	6.44	99	987178	107.14	ng	0.01
23) Nitrobenzene-d5	7.37	82	717545	110.62	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	229902	136.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1150390	111.65	ng	0.00
78) Terphenyl-d14	12.93	244	1047489	88.63	ng	0.00

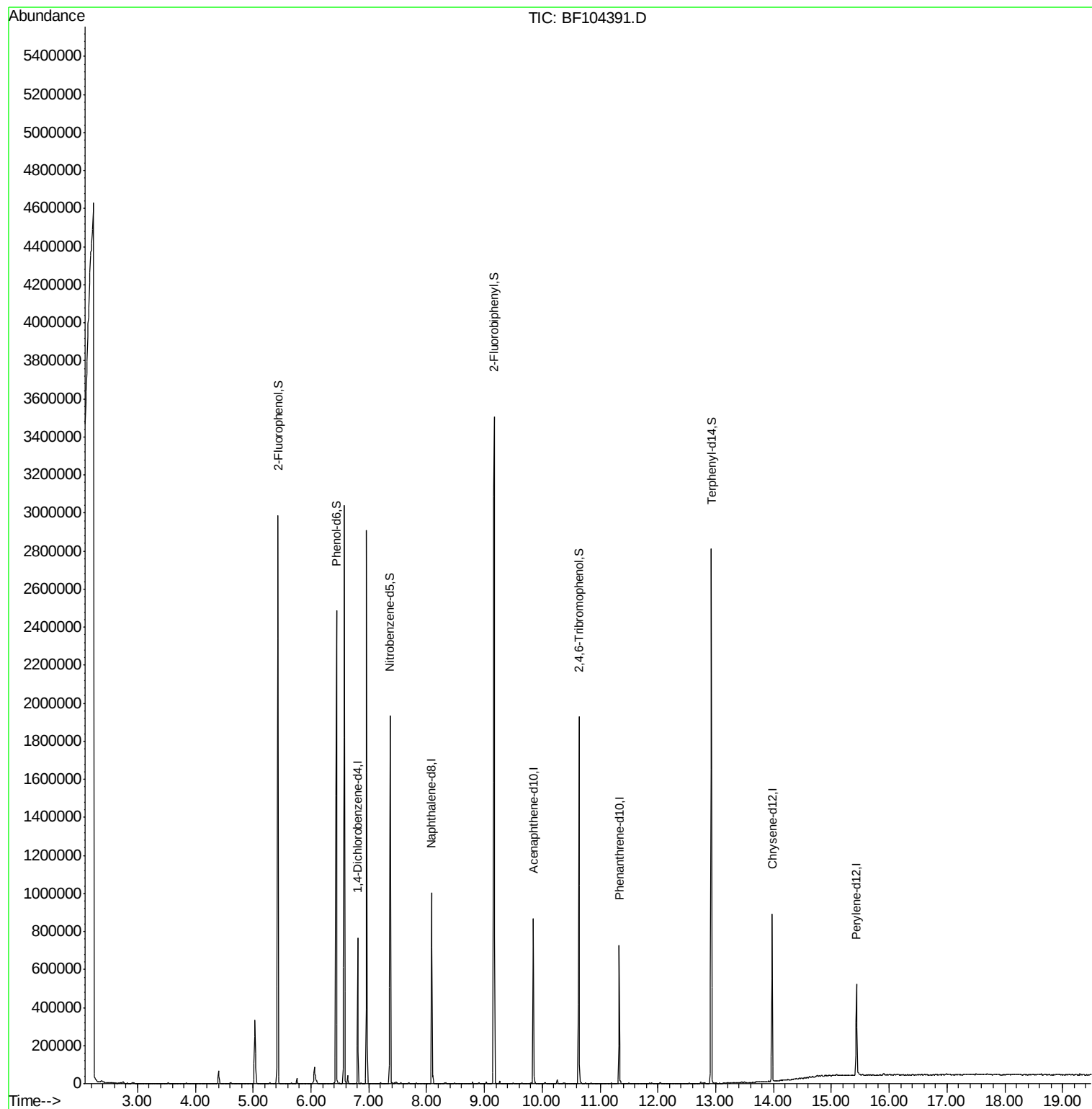
Target Compounds Qvalue

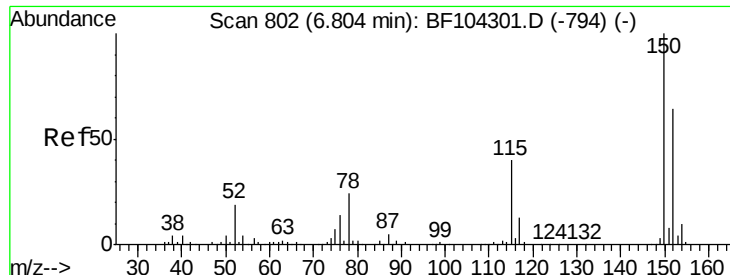
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF104391.D

Acq: 10 Apr 2018 00:33

Instrument :

BNA_F

ClientSampleId :

CL-01-040618-E

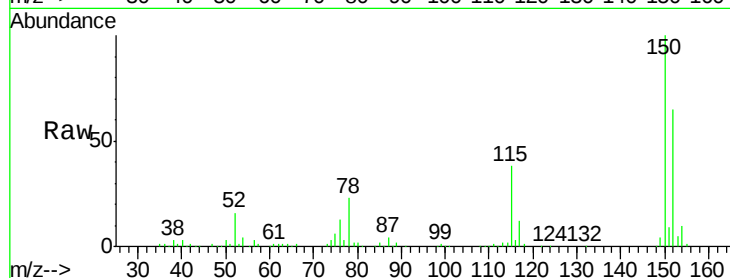
Tot Ion:152 Resp: 114667

Ion Ratio Lower Upper

152 100

150 153.9 124.6 186.8

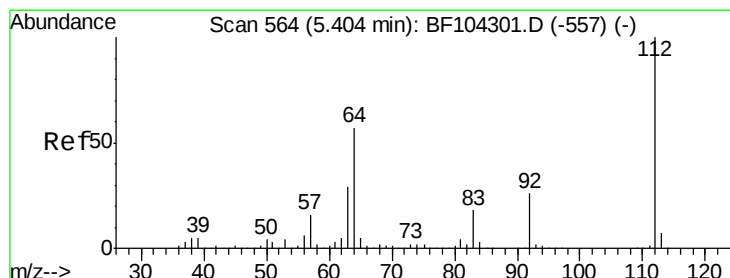
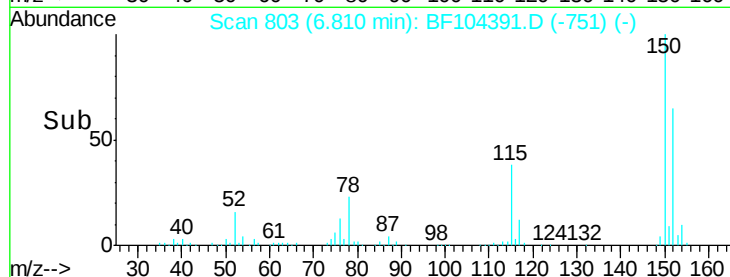
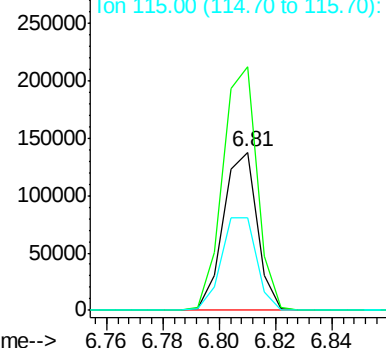
115 58.5 50.1 75.1



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: 122.117 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104391.D

Acq: 10 Apr 2018 00:33

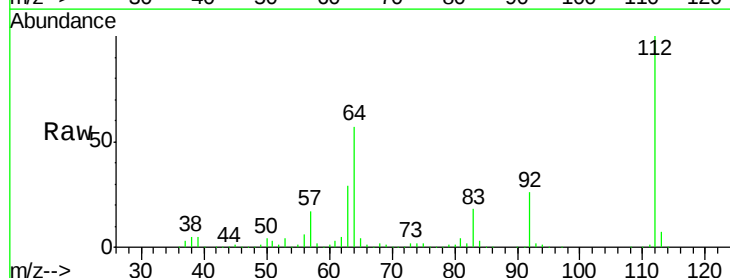
Tgt Ion:112 Resp: 915779

Ion Ratio Lower Upper

112 100

64 56.8 47.9 71.9

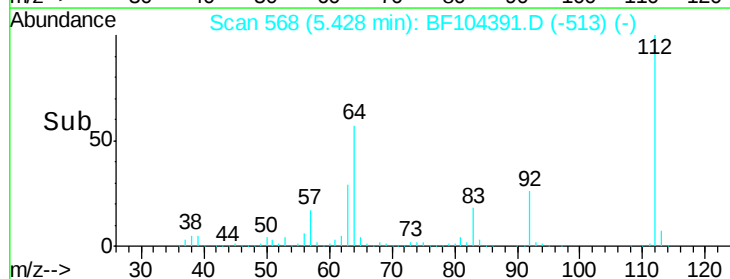
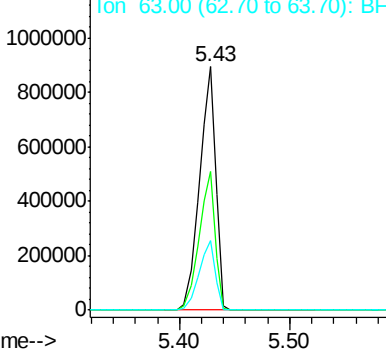
63 28.6 23.7 35.5

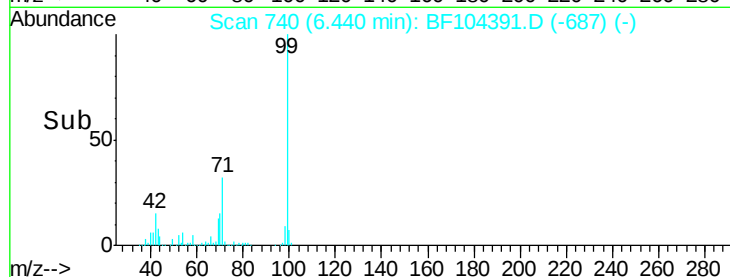
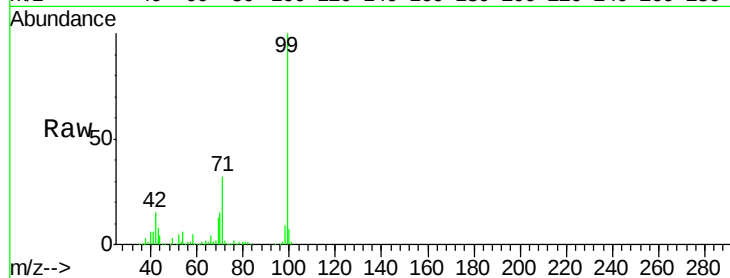
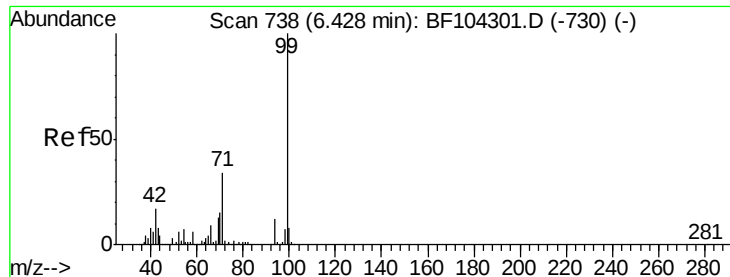


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.138 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104391.D

Acq: 10 Apr 2018 00:33

Instrument :

BNA_F

ClientSampleId :

CL-01-040618-E

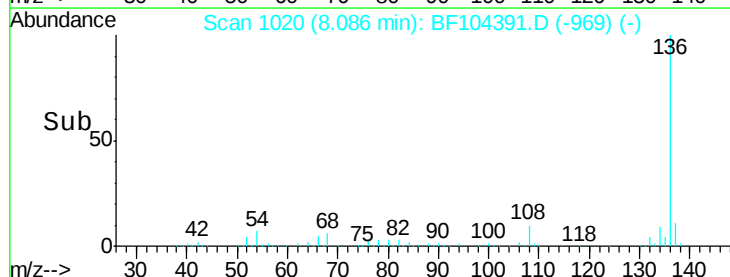
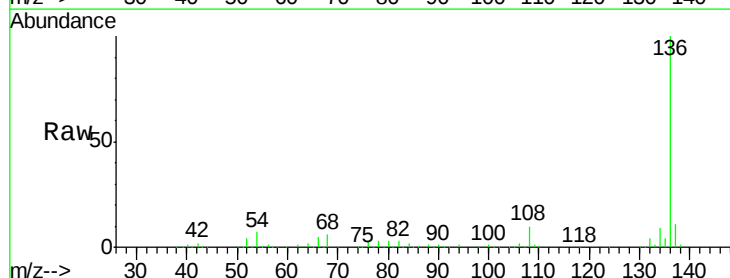
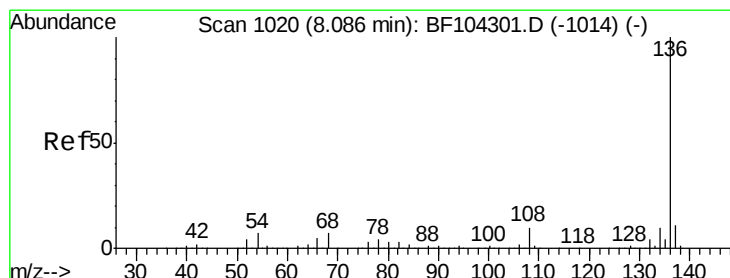
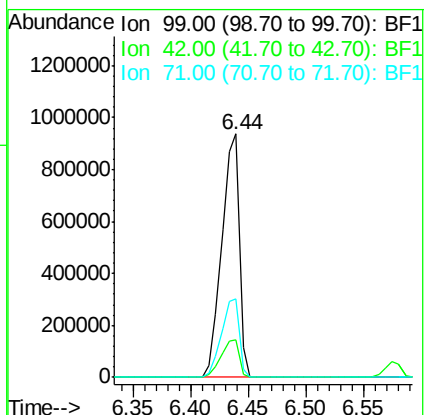
Tot Ion: 99 Resp: 987178

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104391.D

Acq: 10 Apr 2018 00:33

Tgt Ion: 136 Resp: 423576

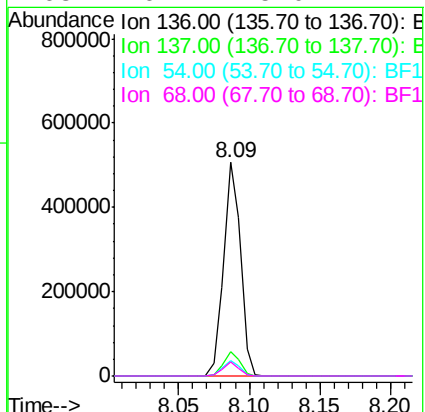
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

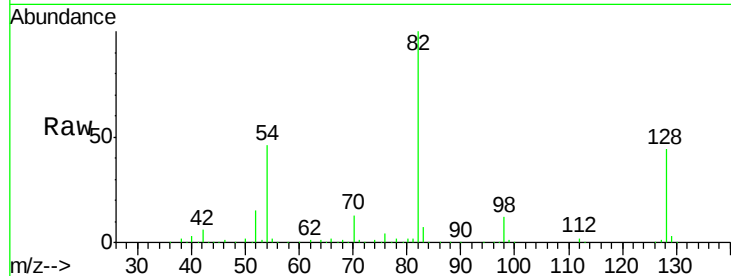




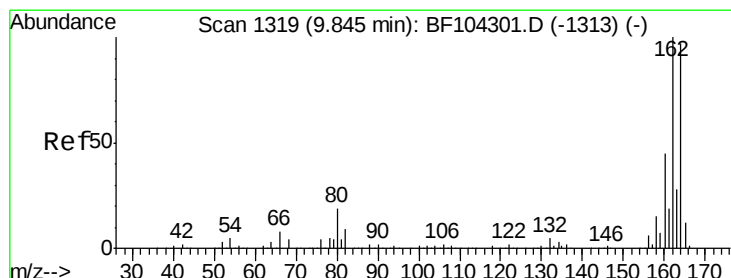
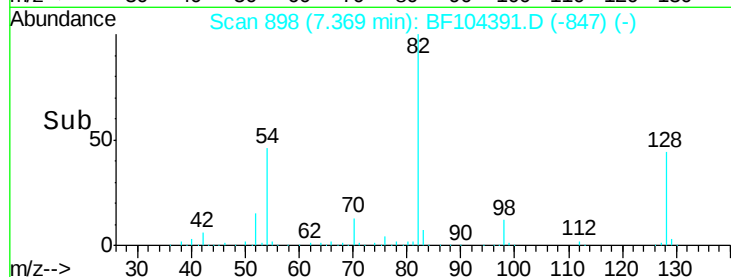
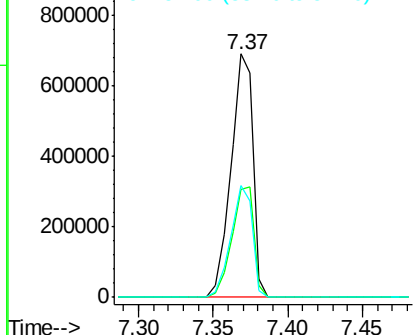
#23
 Nitrobenzene-d5
 Concen: 110.616 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104391.D
 Acq: 10 Apr 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-E

Tot Ion: 82 Resp: 717545
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 45.7 41.4 62.2

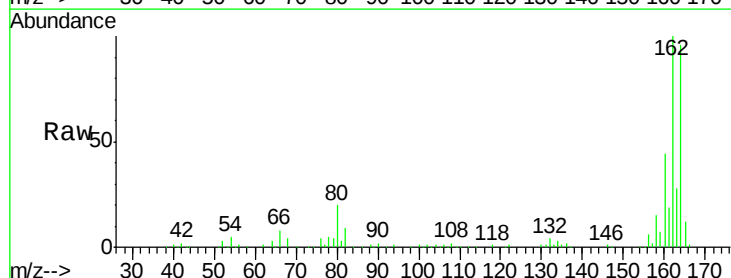


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

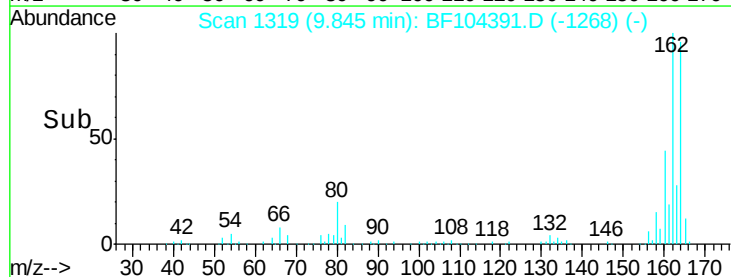
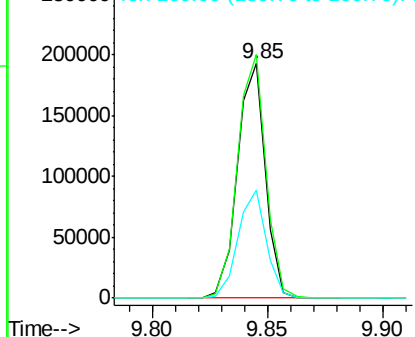


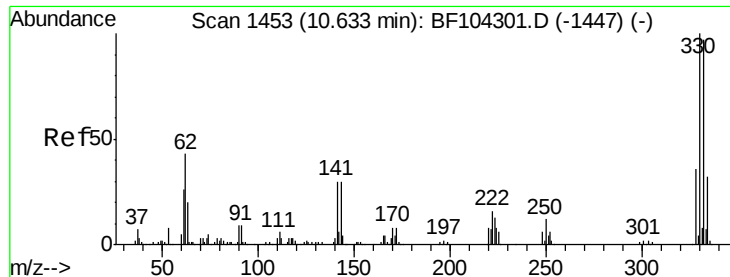
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104391.D
 Acq: 10 Apr 2018 00:33

Tgt Ion: 164 Resp: 162775
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

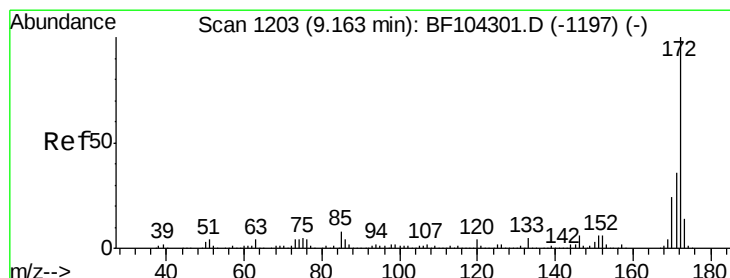
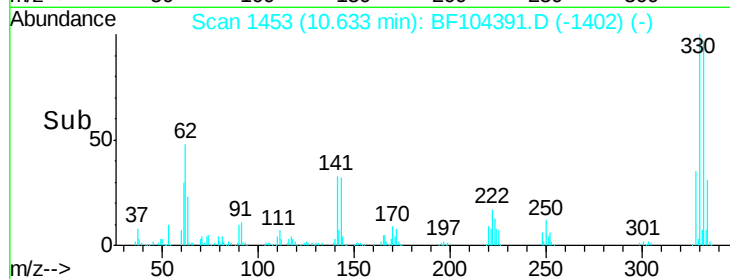
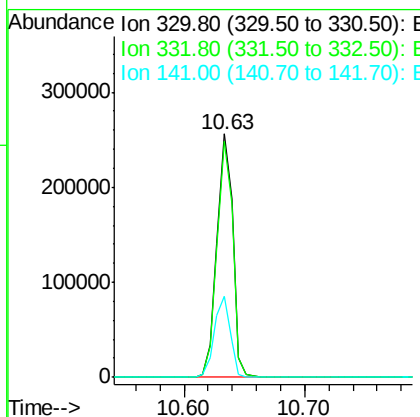
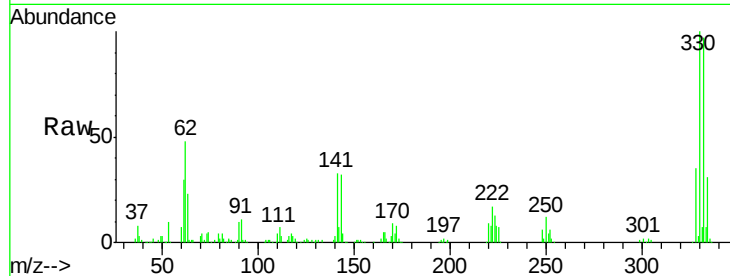




#41
 2,4,6-Tribromophenol
 Concen: 136.157 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104391.D
 Acq: 10 Apr 2018 00:33

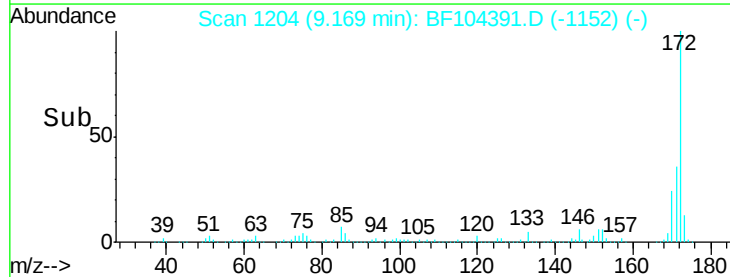
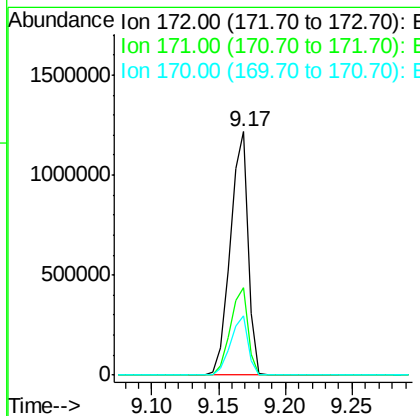
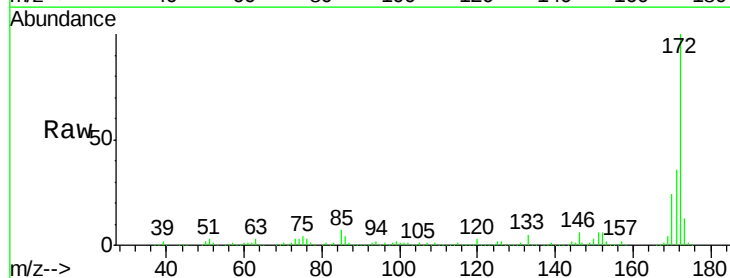
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 111.647 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104391.D
 Acq: 10 Apr 2018 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4

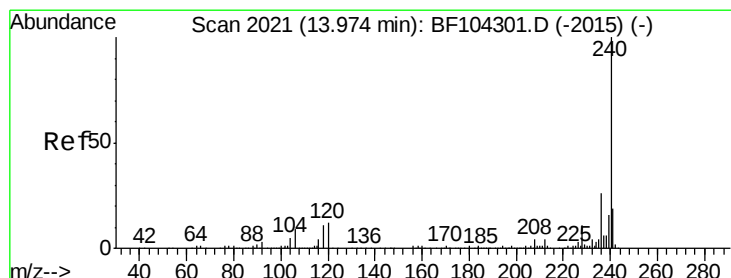
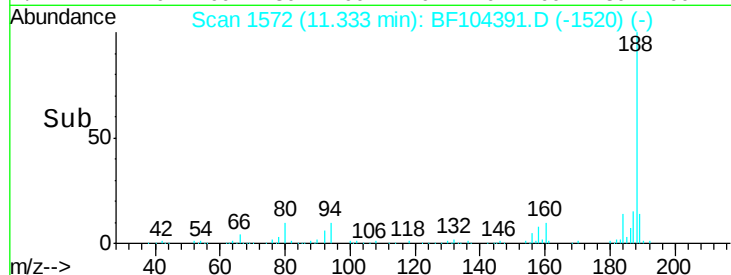
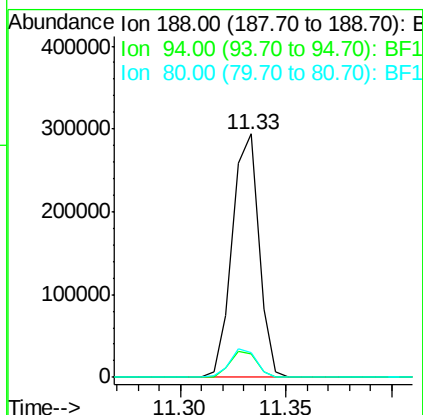
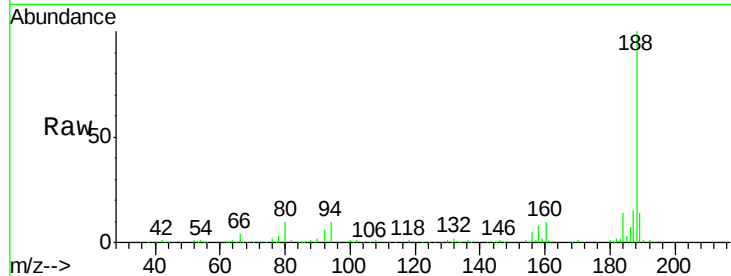




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

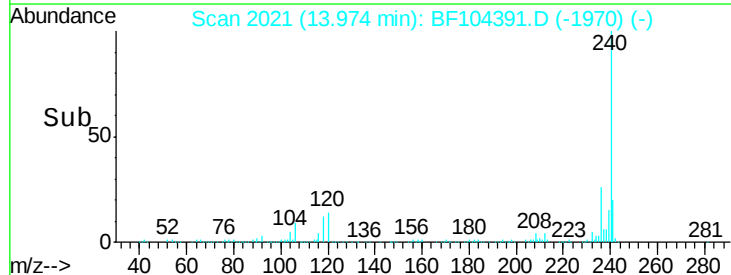
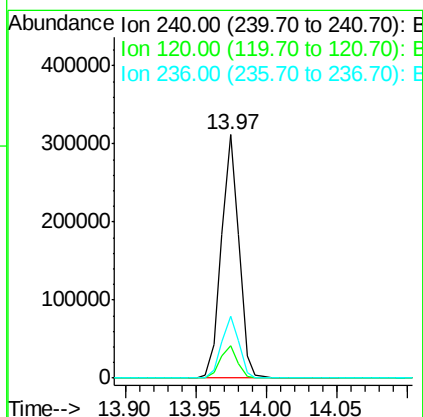
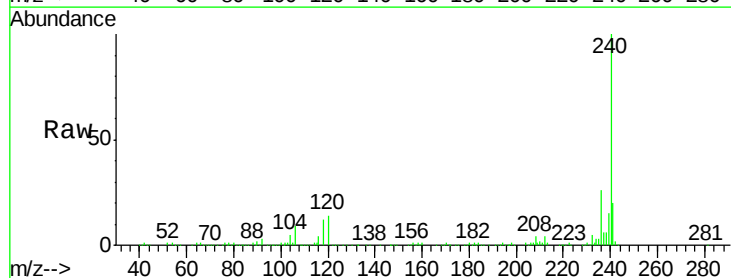
Instrument :
BNA_F
ClientSampleId :
CL-01-040618-E

Tot Ion:188 Resp: 255908
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104391.D
Acq: 10 Apr 2018 00:33

Tgt Ion:240 Resp: 269448
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 88.629 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104391.D

Acq: 10 Apr 2018 00:33

Instrument :

BNA_F

ClientSampleId :

CL-01-040618-E

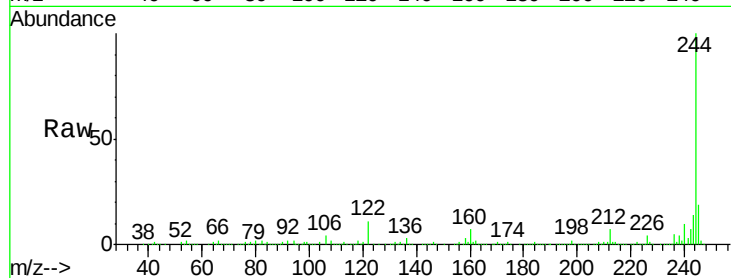
Tot Ion:244 Resp: 1047489

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

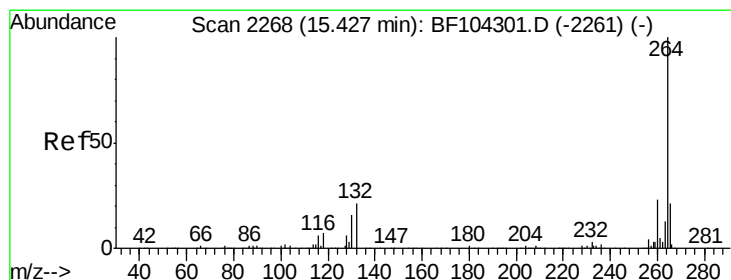
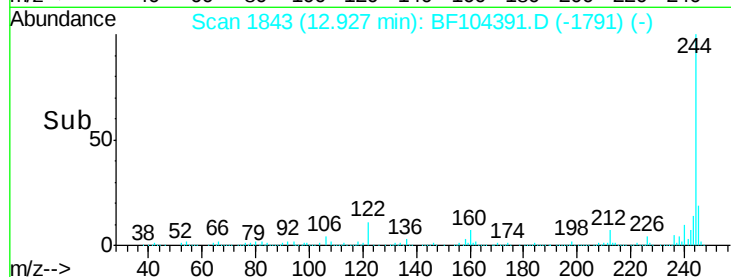
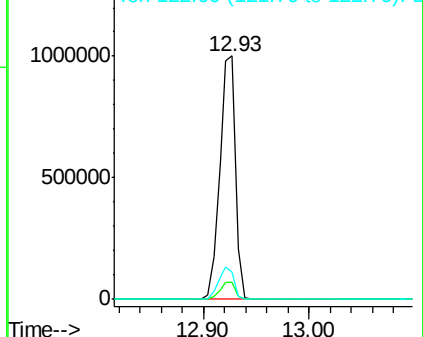
122 11.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF104391.D

Acq: 10 Apr 2018 00:33

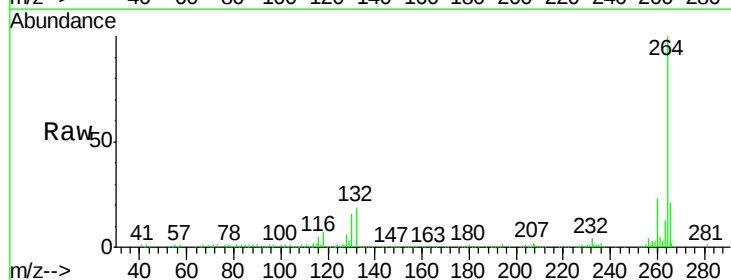
Tgt Ion:264 Resp: 210277

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.4 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

