

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104393.D
 Acq On : 10 Apr 2018 1:25
 Operator : JU/SJ
 Sample : J2280-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Apr 10 03:37:10 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

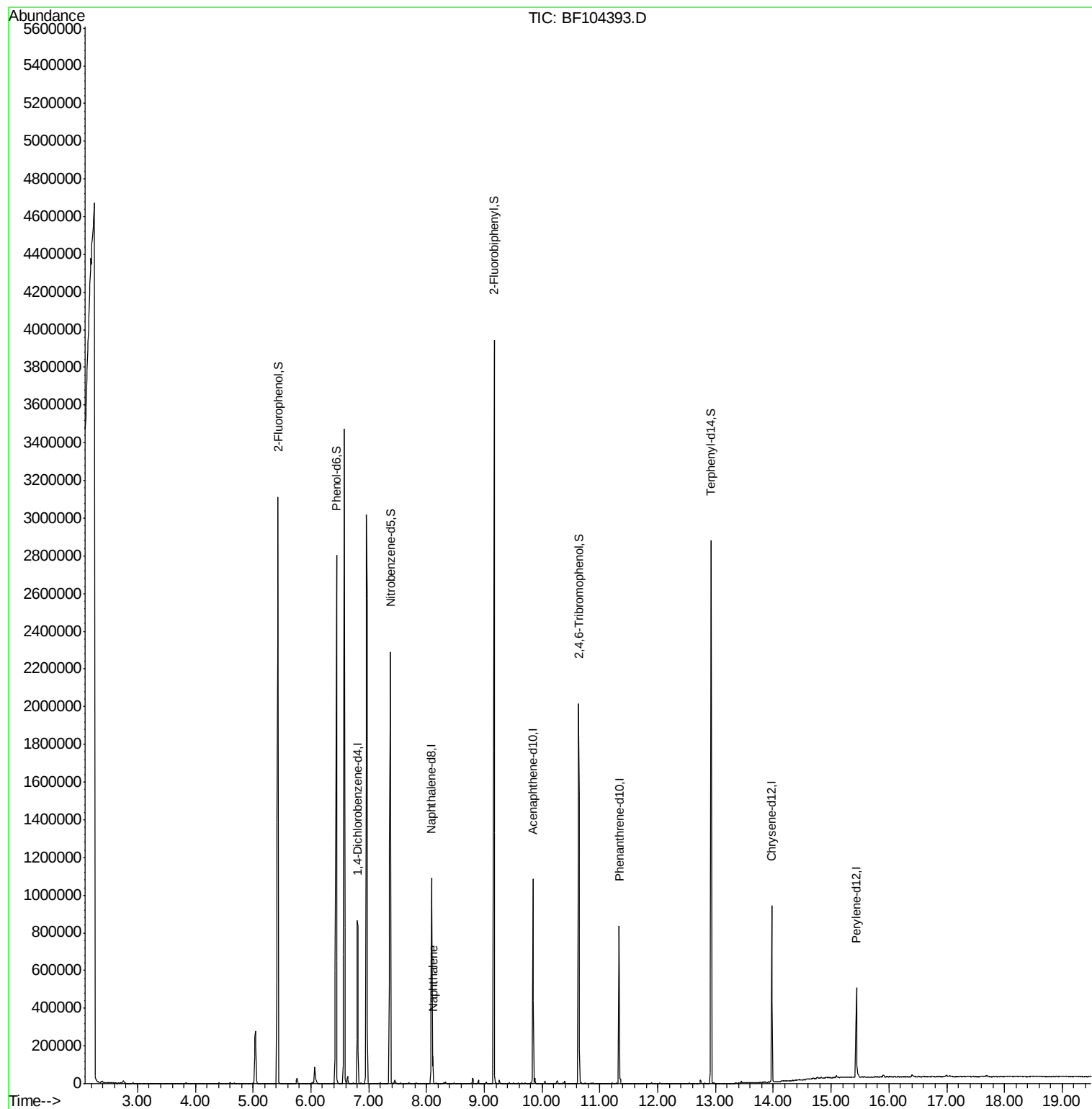
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128540	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	497178	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	194365	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	286929	20.00	ng	0.00
75) Chrysene-d12	13.97	240	277097	20.00	ng	0.00
86) Perylene-d12	15.44	264	211509	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	995668	118.44	ng	0.02
7) Phenol-d6	6.44	99	1057486	102.38	ng	0.01
23) Nitrobenzene-d5	7.37	82	817136	107.32	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	257850	127.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1317371	107.07	ng	0.00
78) Terphenyl-d14	12.93	244	1068252	87.89	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	55826	2.255	ng	Qvalue 99

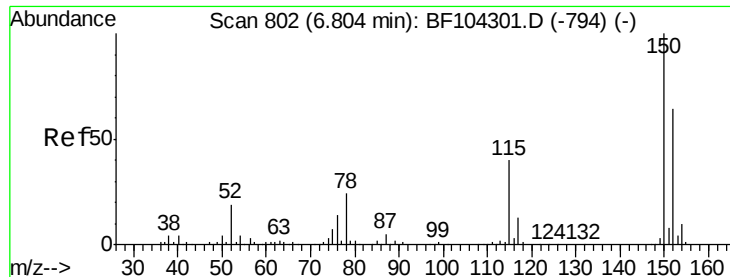
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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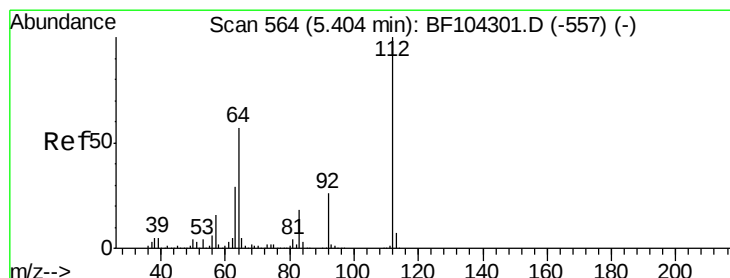
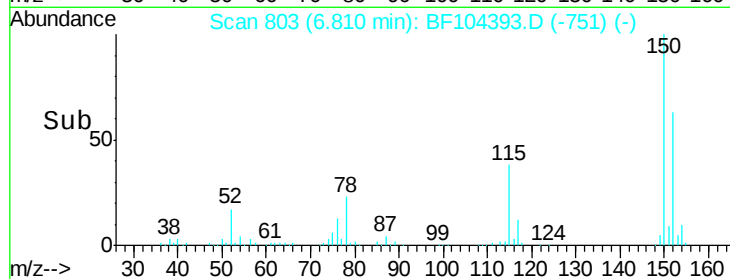
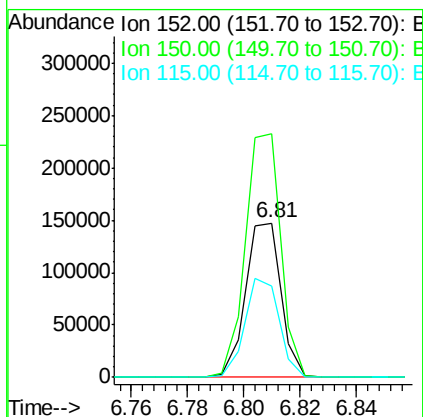
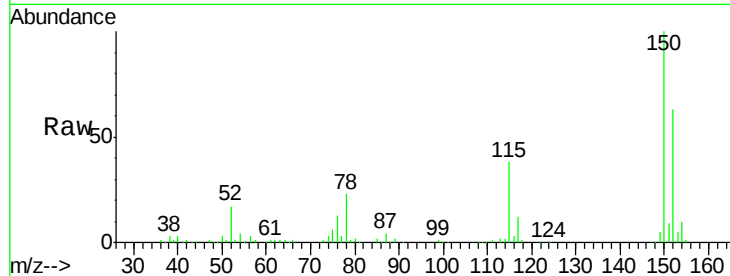


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampled :
S2

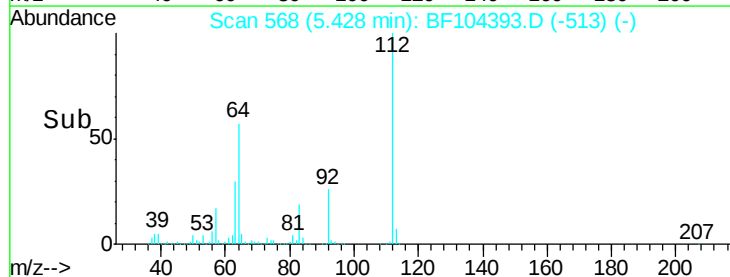
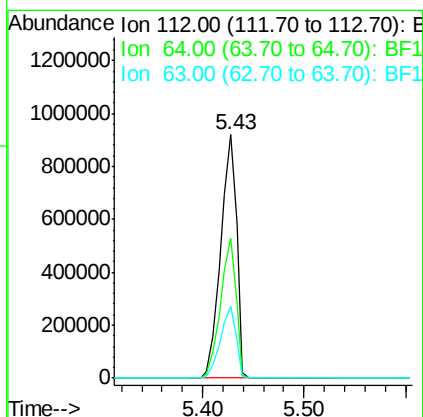
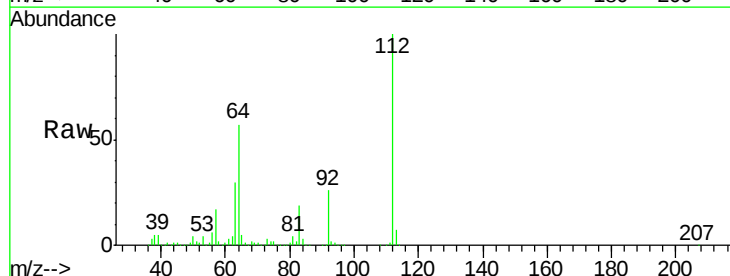
Tot Ion:152 Resp: 128540
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 59.4 50.1 75.1

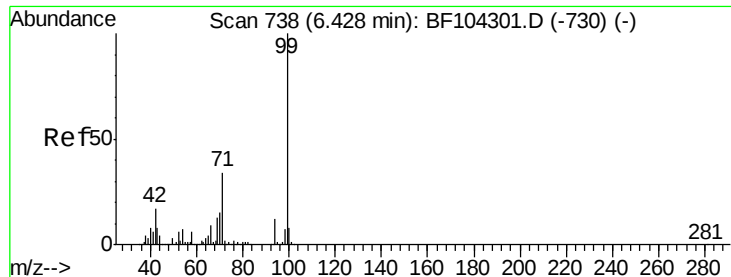


#5

2-Fluorophenol
Concen: 118.440 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion:112 Resp: 995668
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 102.382 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104393.D

Acq: 10 Apr 2018 1:25

Instrument :

BNA_F

ClientSampled :

S2

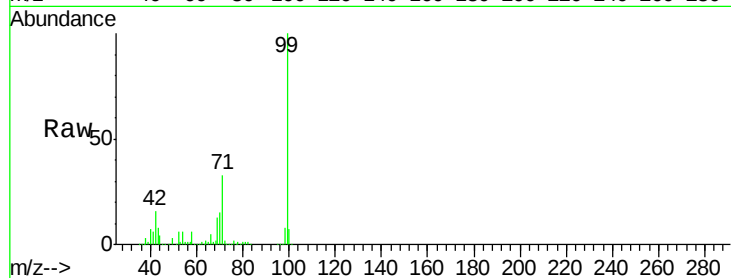
Tot Ion: 99 Resp: 1057486

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

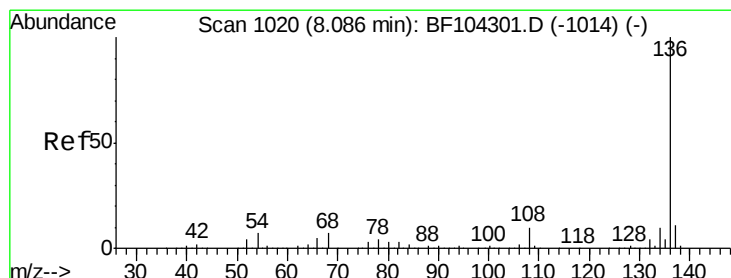
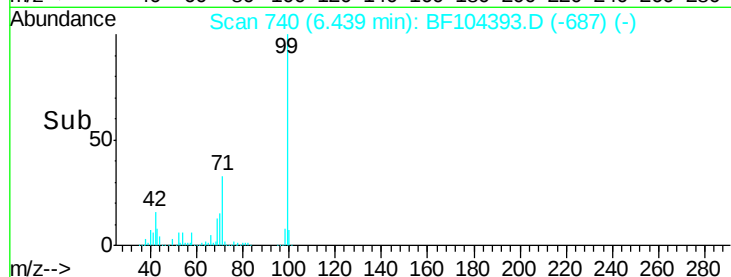
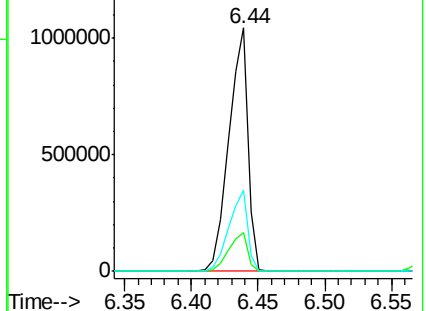
71 33.3 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104393.D

Acq: 10 Apr 2018 1:25

Tgt Ion: 136 Resp: 497178

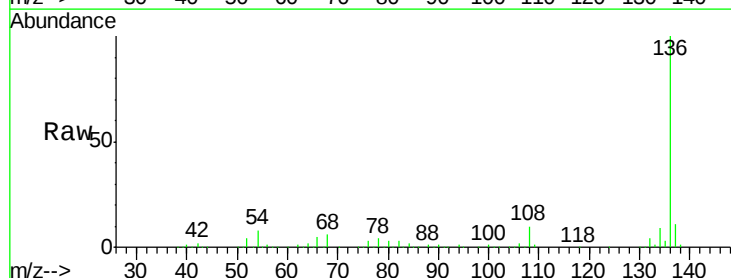
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 6.4 5.0 7.4

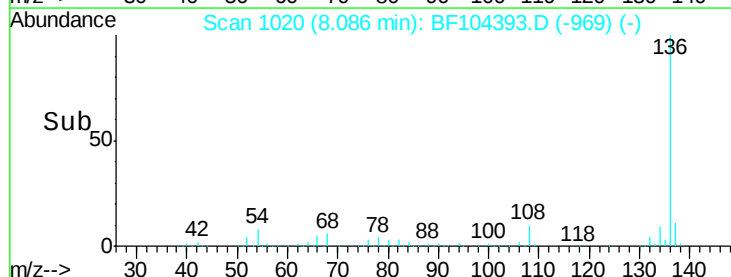
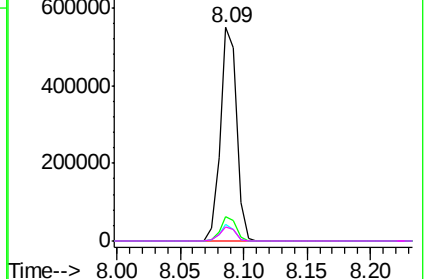


Abundance Ion 136.00 (135.70 to 136.70): E

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

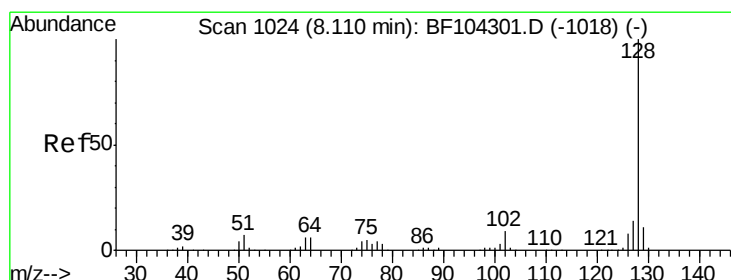
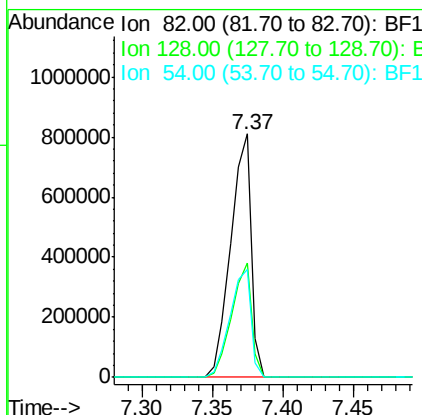
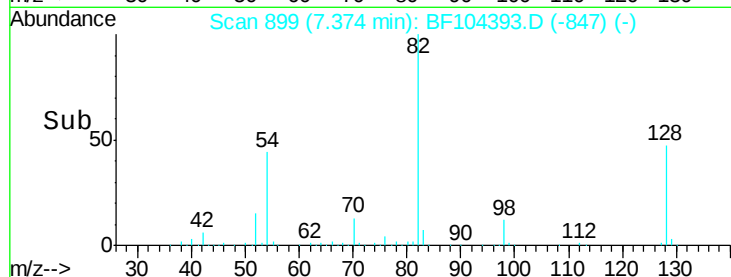
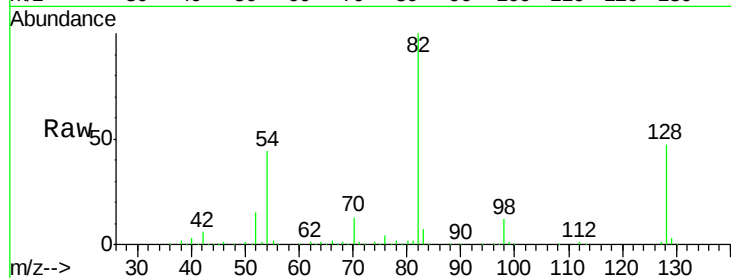




#23
Nitrobenzene-d5
Concen: 107.321 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

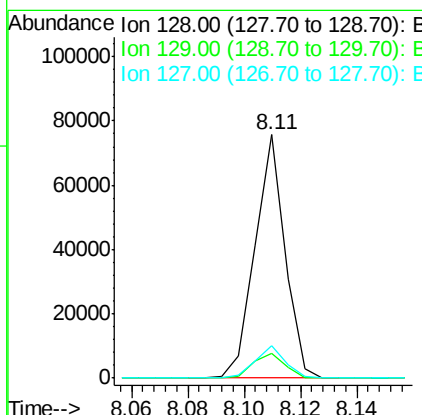
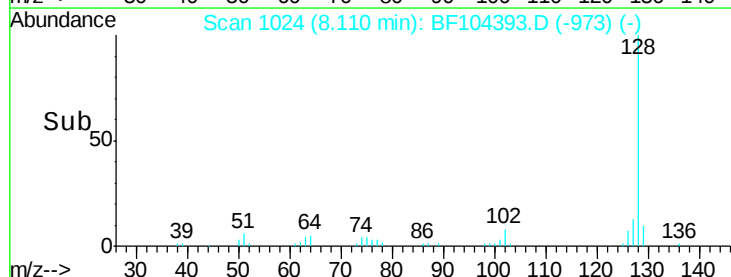
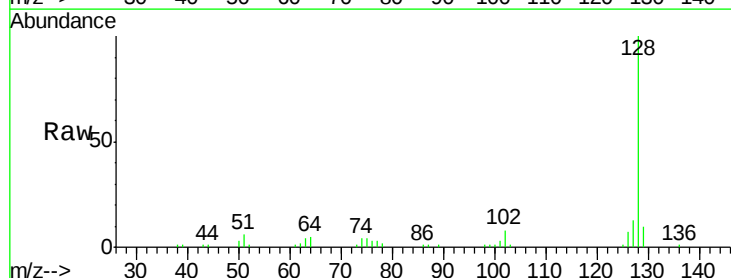
Instrument :
BNA_F
ClientSampleId :
S2

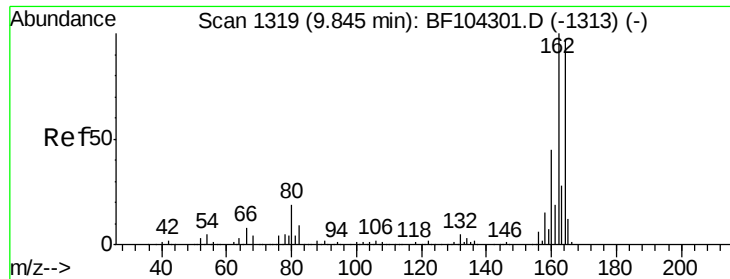
Tot Ion: 82 Resp: 817136
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 44.5 41.4 62.2



#31
Naphthalene
Concen: 2.255 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Tgt Ion: 128 Resp: 55826
Ion Ratio Lower Upper
128 100
129 10.0 8.8 13.2
127 13.4 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104393.D

Acq: 10 Apr 2018 1:25

Instrument :

BNA_F

ClientSampleId :

S2

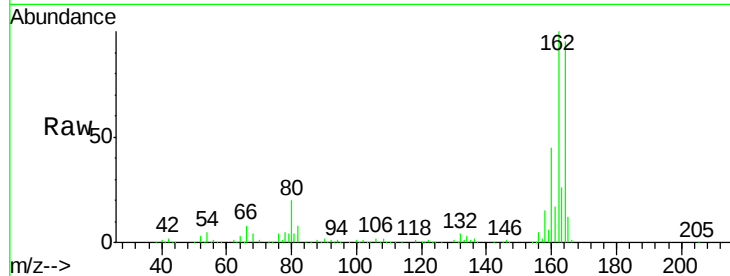
Tot Ion:164 Resp: 194365

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

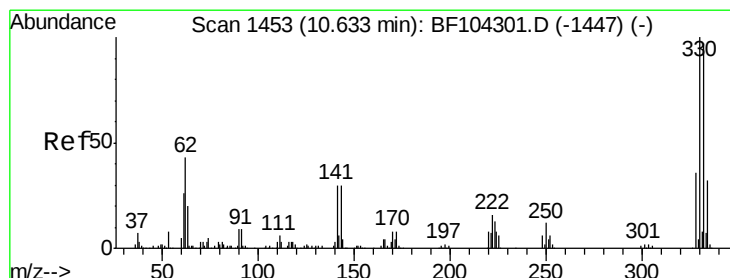
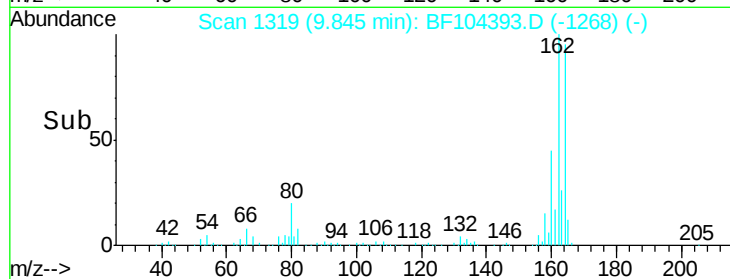
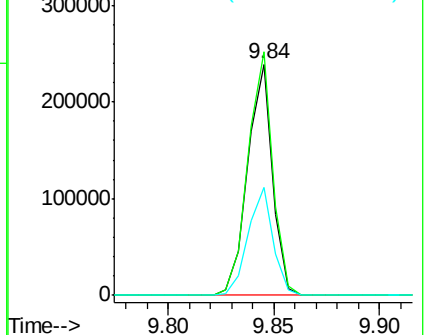
160 47.0 38.3 57.5



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: 127.889 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF104393.D

Acq: 10 Apr 2018 1:25

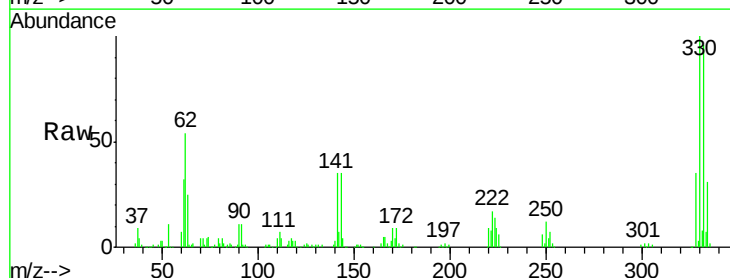
Tgt Ion:330 Resp: 257850

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

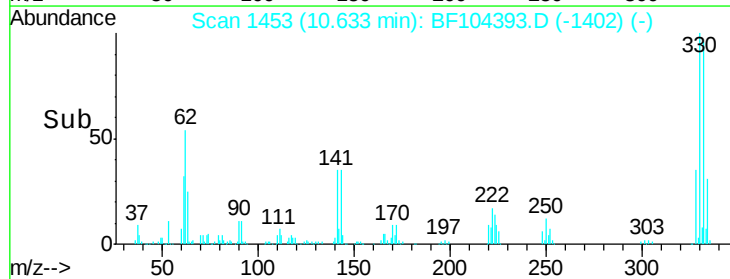
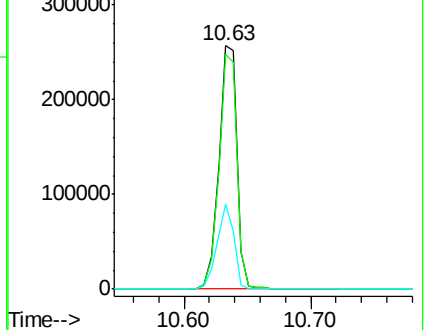
141 33.1 29.9 44.9

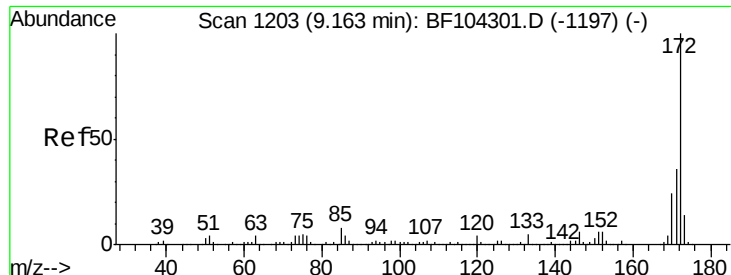


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

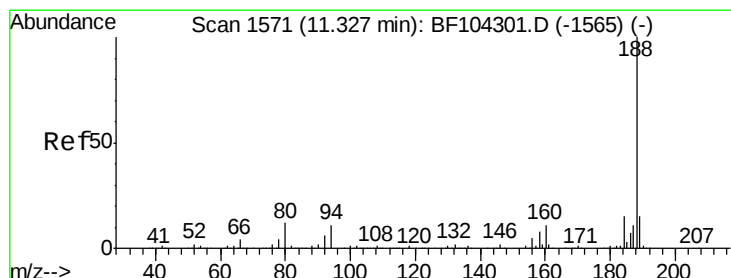
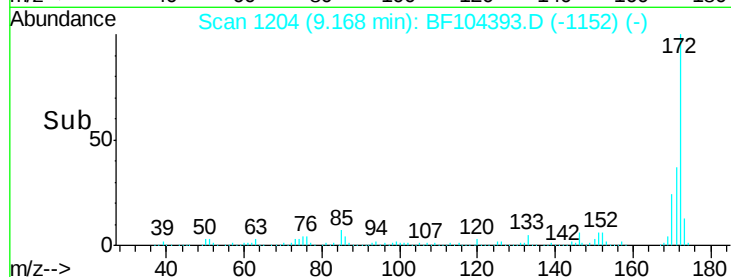
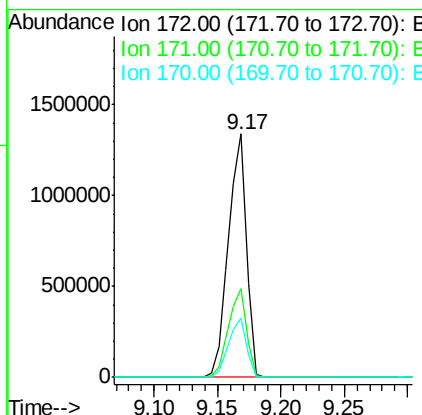
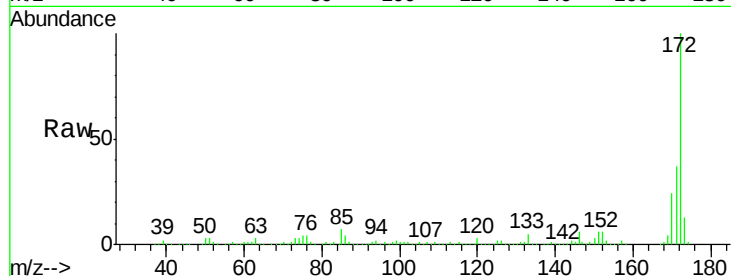




#44
 2-Fluorobiphenyl
 Concen: 107.073 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104393.D
 Acq: 10 Apr 2018 1:25

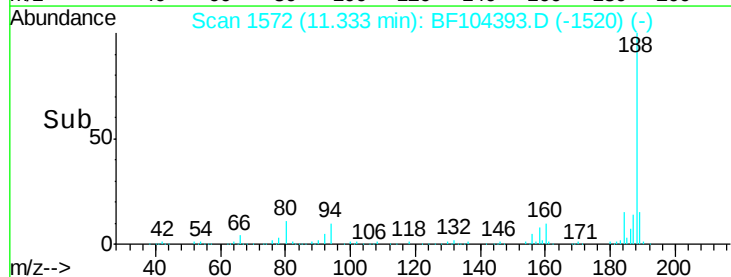
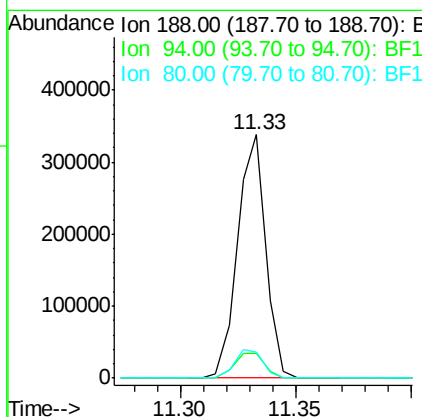
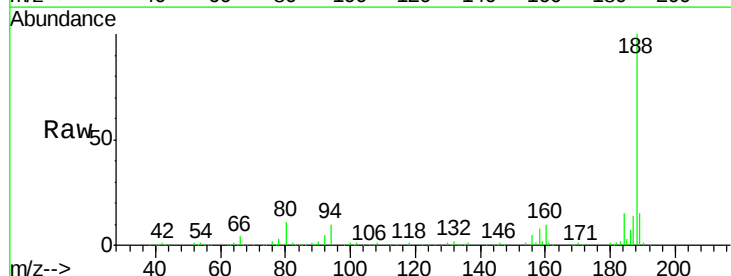
Instrument :
 BNA_F
 ClientSampleId :
 S2

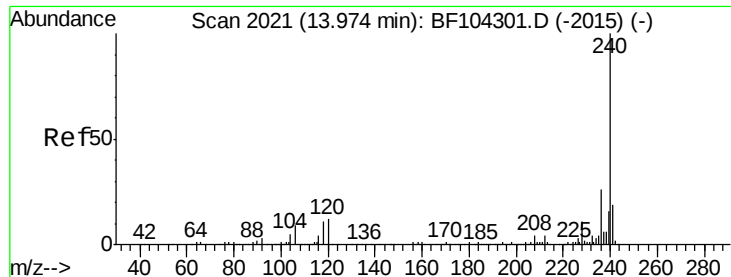
Tot Ion:172 Resp: 1317371
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.3 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF104393.D
 Acq: 10 Apr 2018 1:25

Tgt Ion:188 Resp: 286929
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.8 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: BF104393.D

Acq: 10 Apr 2018 1:25

Instrument :

BNA_F

ClientSampled :

S2

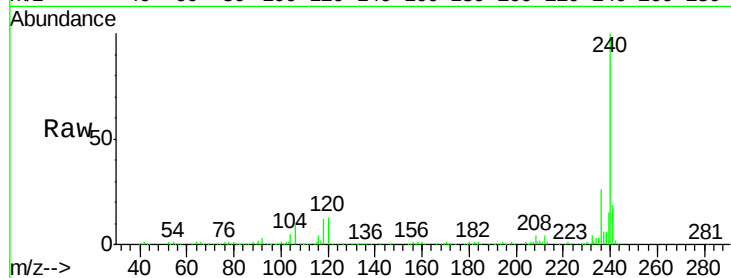
Tot Ion:240 Resp: 277097

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

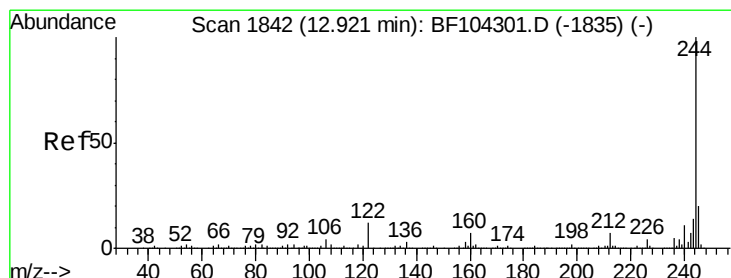
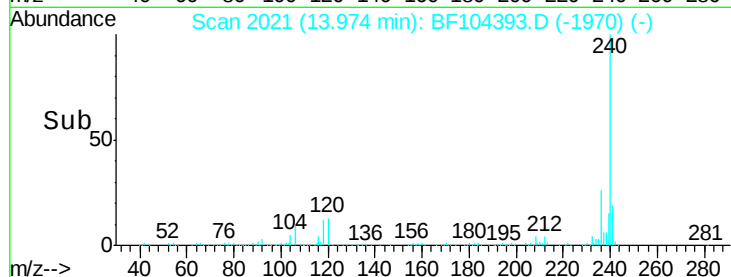
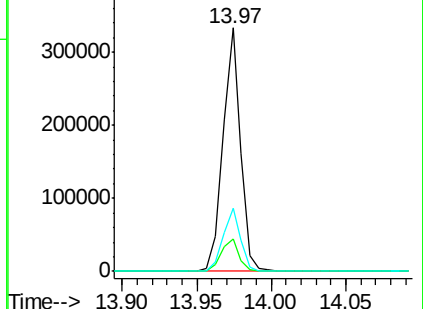
236 25.8 20.7 31.1



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: 87.891 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104393.D

Acq: 10 Apr 2018 1:25

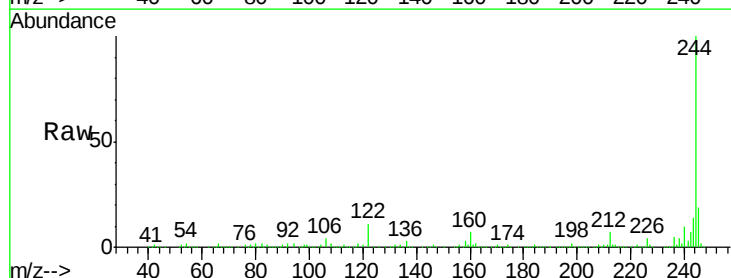
Tgt Ion:244 Resp: 1068252

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

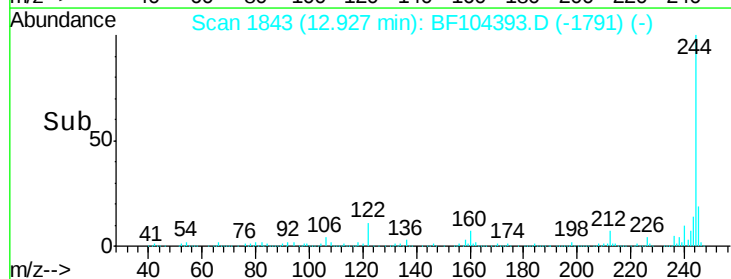
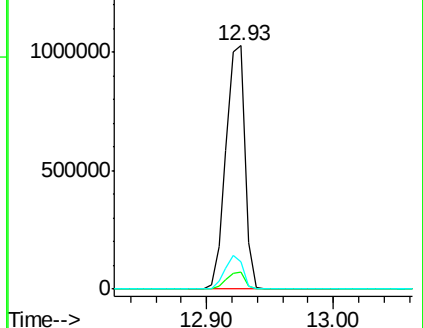
122 11.3 11.0 16.4

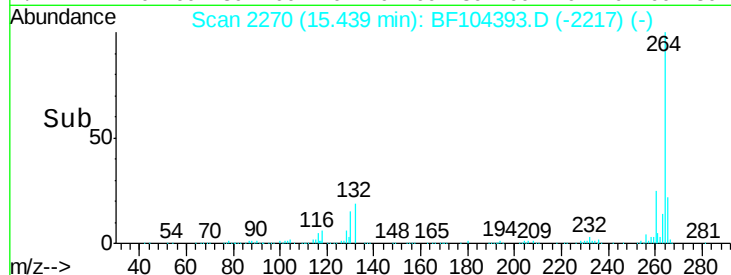
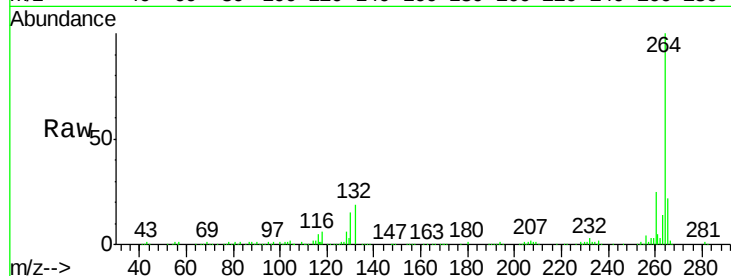
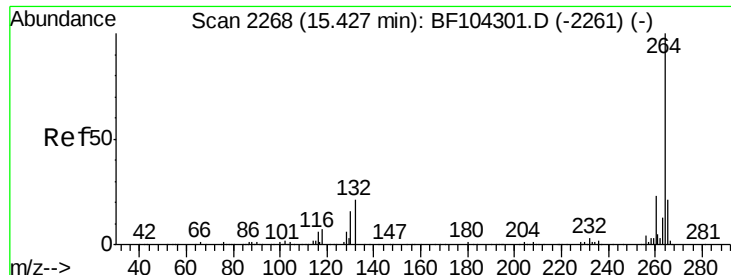


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104393.D
Acq: 10 Apr 2018 1:25

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion:	264	Resp:	211509
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.8	17.5	26.3

