

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104553.D
 Acq On : 17 Apr 2018 00:26
 Operator : JU/SJ
 Sample : J2386-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-5

Quant Time: Apr 17 02:14:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

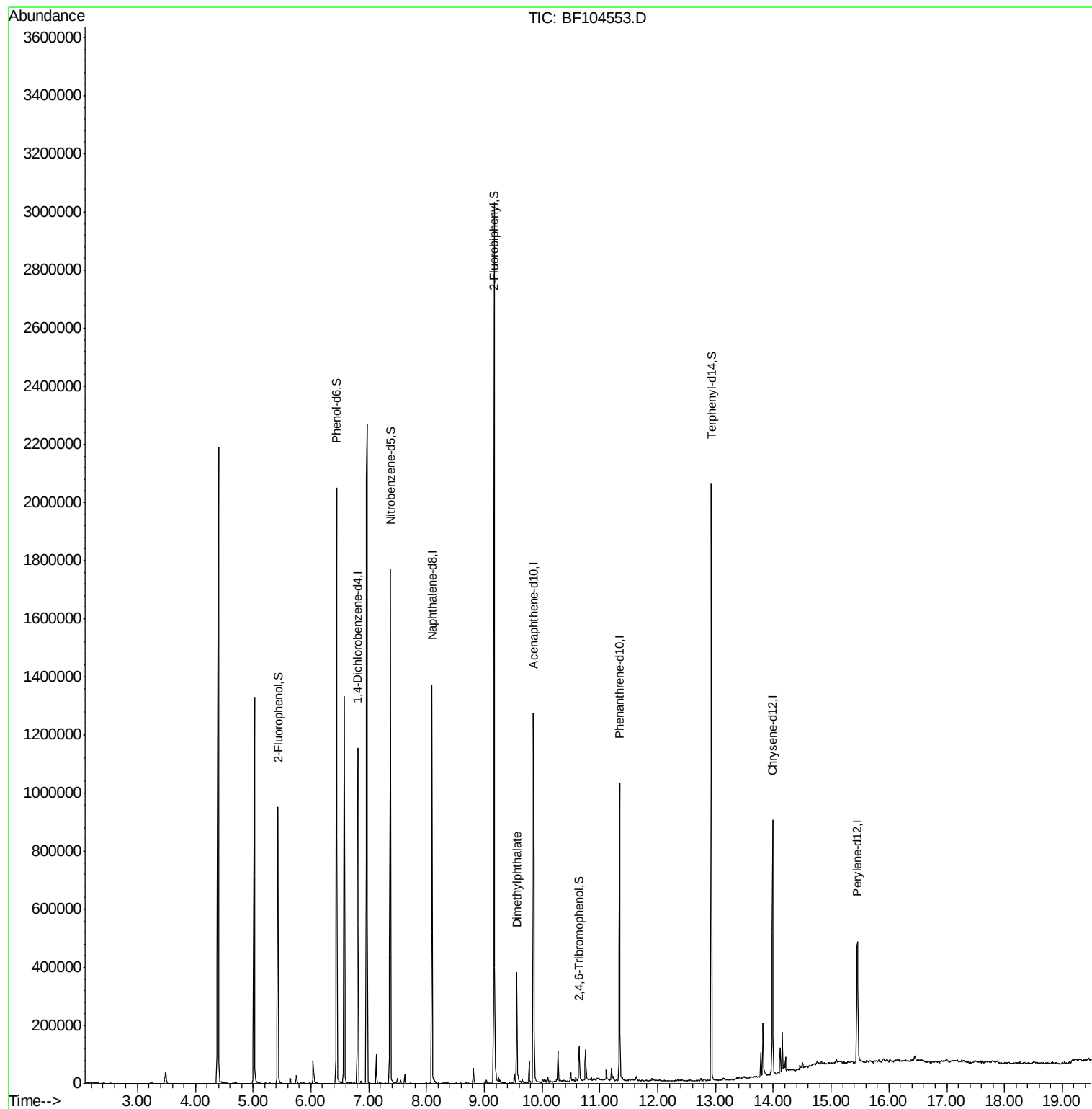
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154681	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	596341	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244551	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	355408	20.00	ng	0.00
75) Chrysene-d12	13.99	240	280414	20.00	ng	0.00
86) Perylene-d12	15.46	264	194997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	267870	26.48	ng	0.00
7) Phenol-d6	6.45	99	668796	53.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	553235	60.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	14679	5.79	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	966084	62.41	ng	0.00
78) Terphenyl-d14	12.93	244	680143	55.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	154048	7.988	ng	Qvalue 100

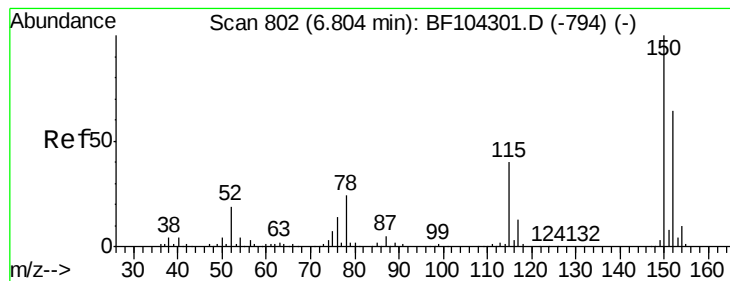
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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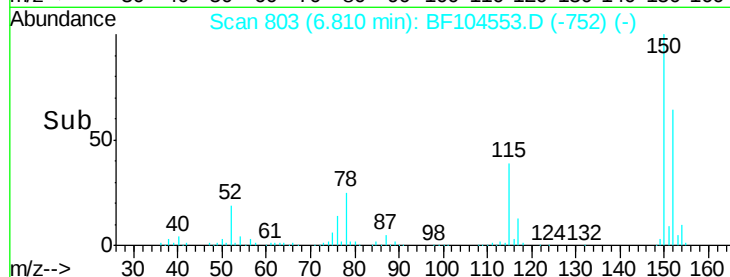
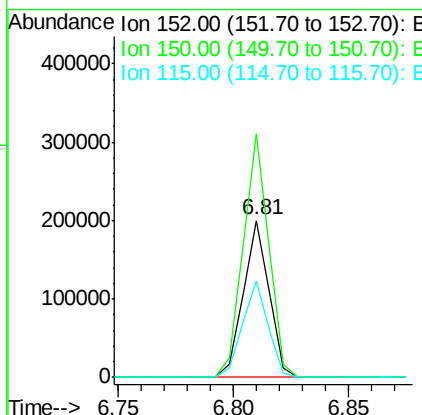
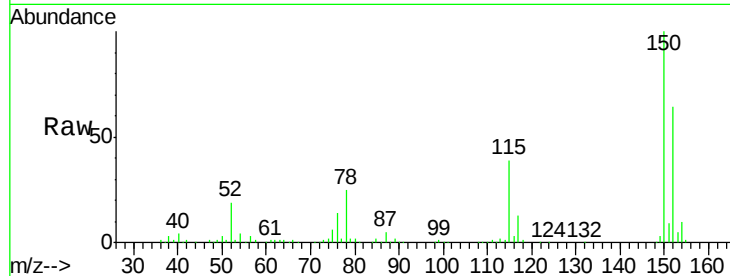


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Instrument :
 BNA_F
 ClientSampleId :
 CO-5

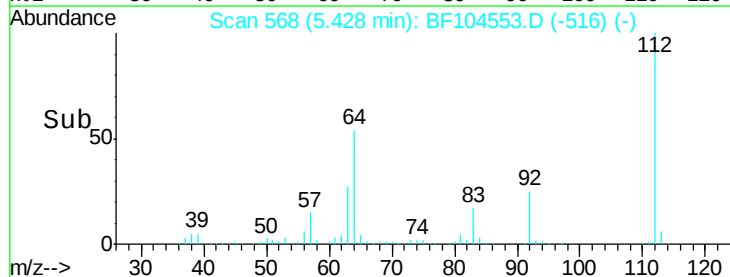
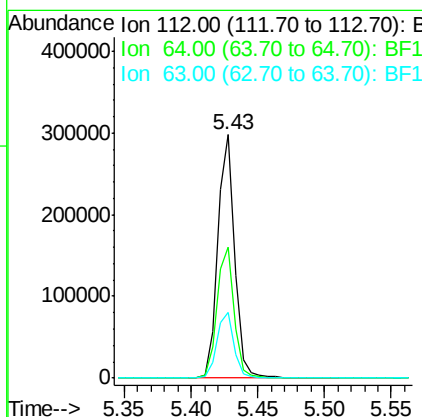
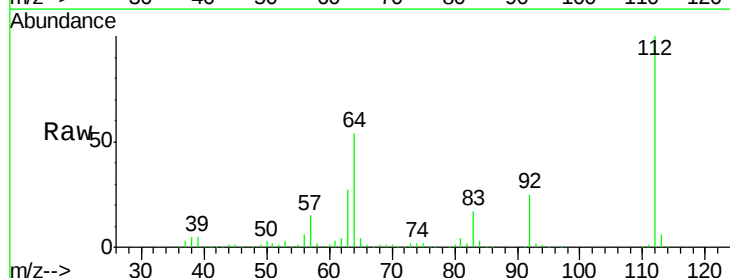
Tot Ion:152 Resp: 154681
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 61.3 50.1 75.1



#5

2-Fluorophenol
 Concen: 26.480 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Tgt Ion:112 Resp: 267870
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 53.808 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Instrument :

BNA_F

ClientSampled :

CO-5

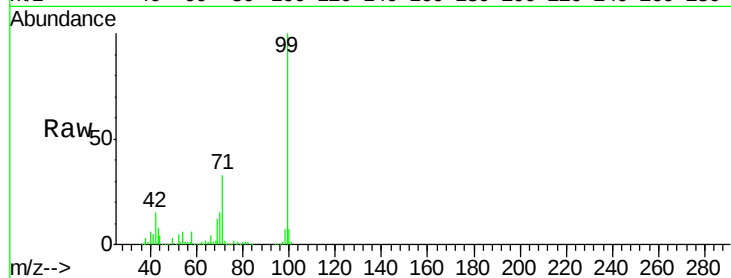
Tot Ion: 99 Resp: 668796

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

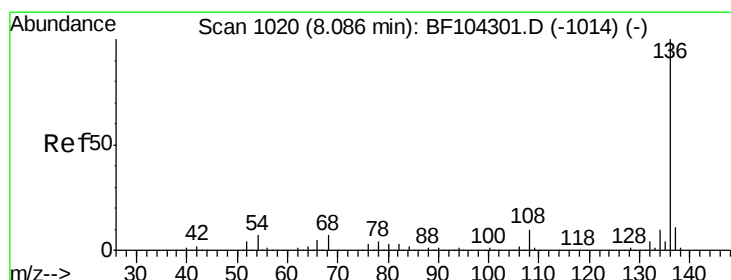
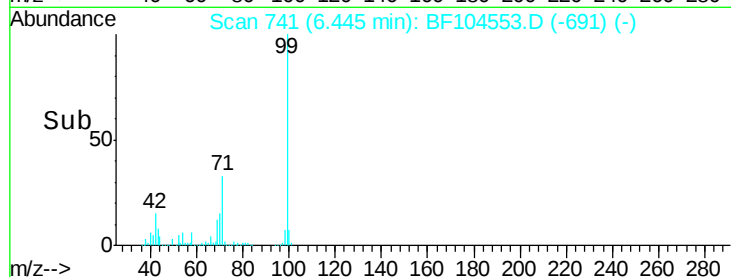
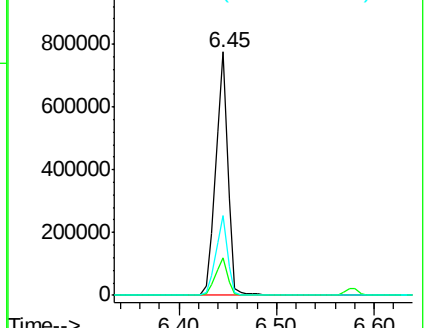
71 32.9 25.4 38.0



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# 1021

Delta R.T. -0.00 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Tgt Ion: 136 Resp: 596341

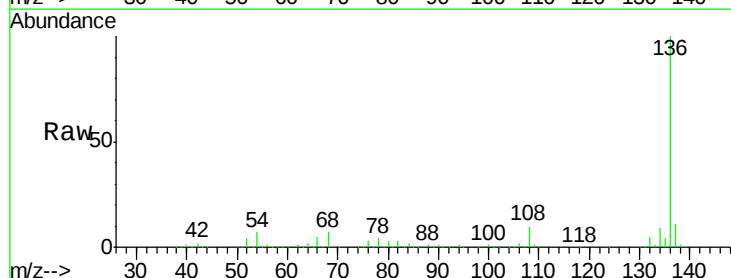
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4

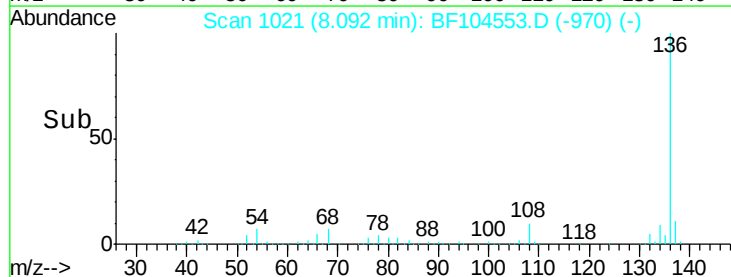
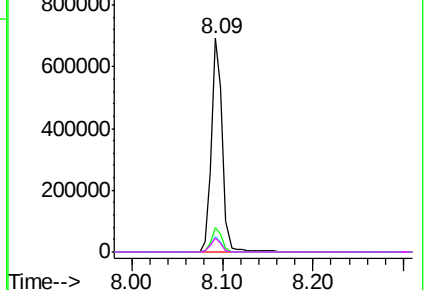


Abundance Ion 136.00 (135.70 to 136.70): E

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

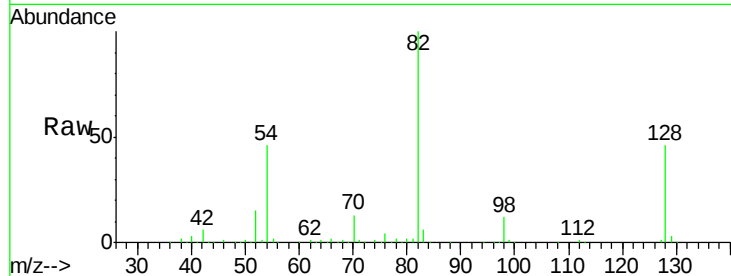




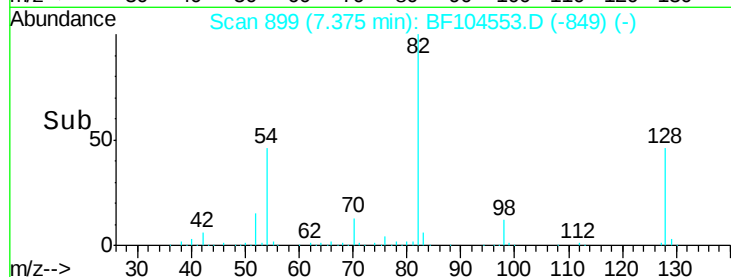
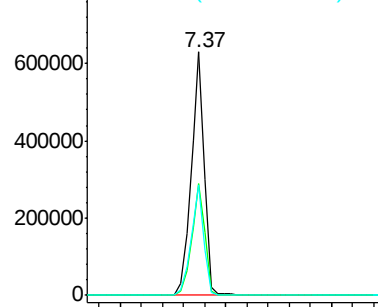
#23
 Nitrobenzene-d5
 Concen: 60.578 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Instrument :
 BNA_F
 ClientSampled :
 CO-5

Tot Ion	82	Resp	553235
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	45.8		
54	45.6		
	41.4		
	62.2		

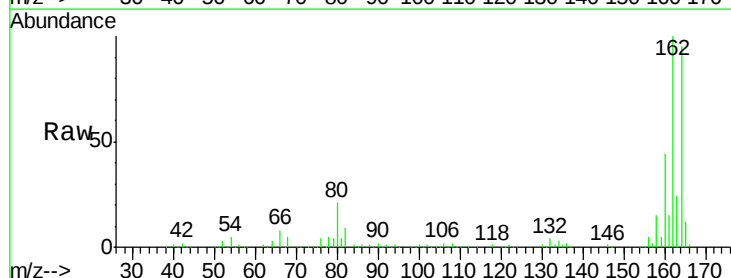


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

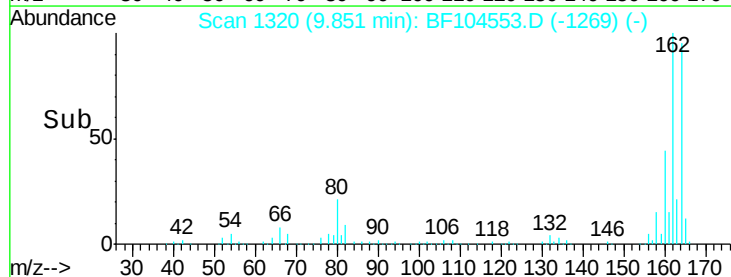
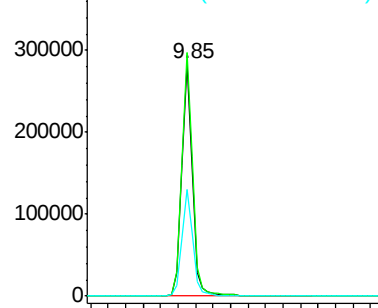


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Tgt Ion	164	Resp	244551
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	104.9		
160	45.9		
	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

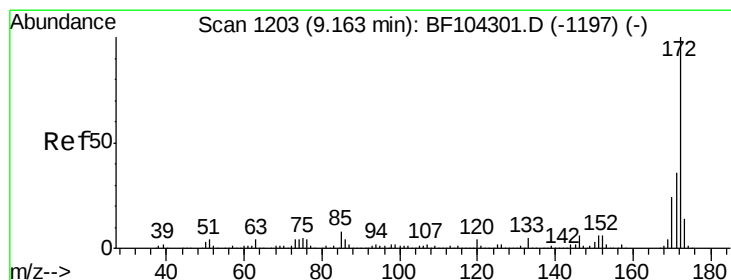
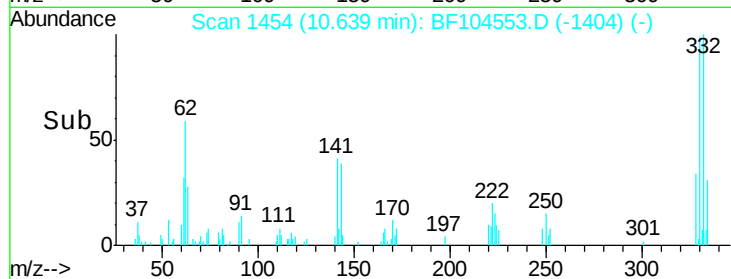
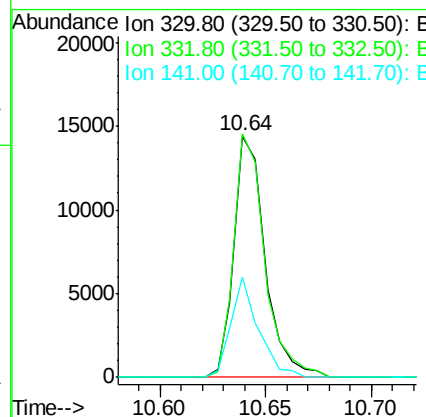
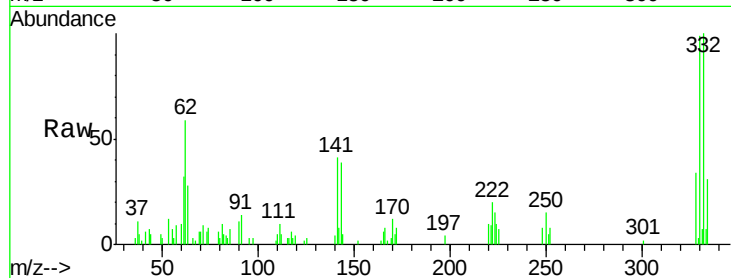




#41
 2,4,6-Tribromophenol
 Concen: 5.786 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

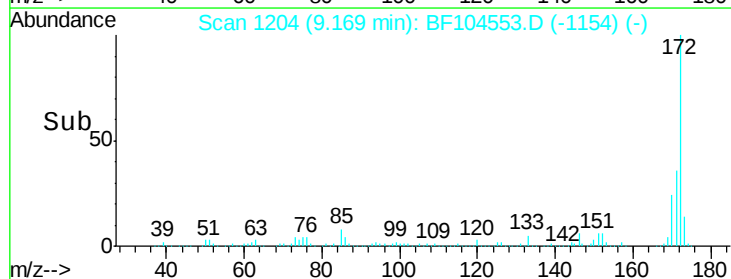
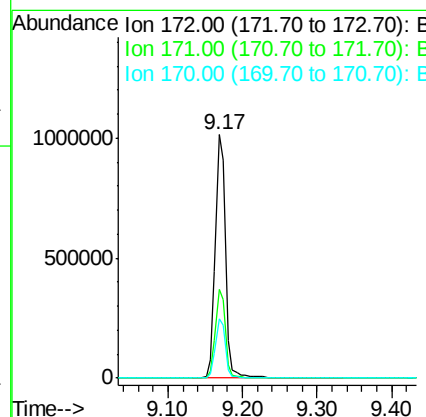
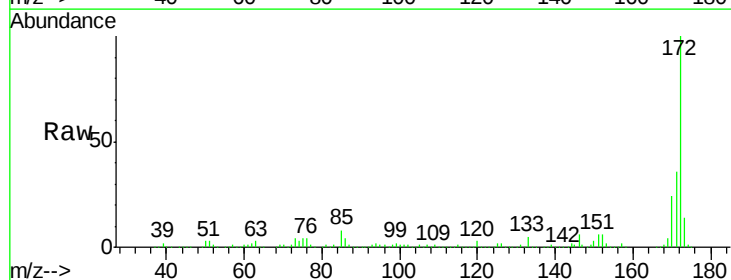
Instrument :
 BNA_F
 ClientSampleId :
 CO-5

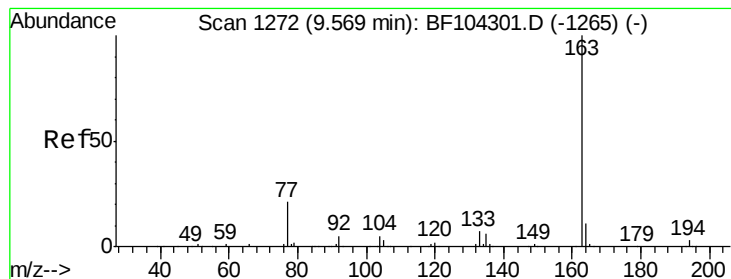
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	36.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 62.407 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 7.988 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Instrument :

BNA_F

ClientSampleId :

CO-5

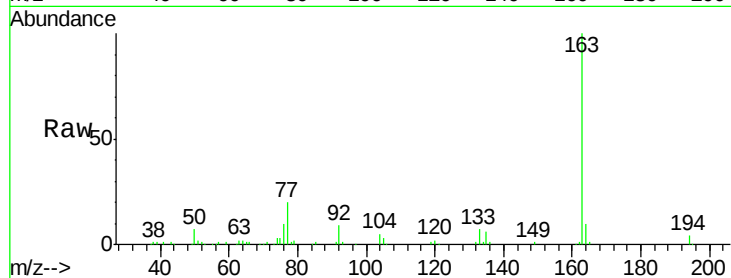
Tot Ion:163 Resp: 154048

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

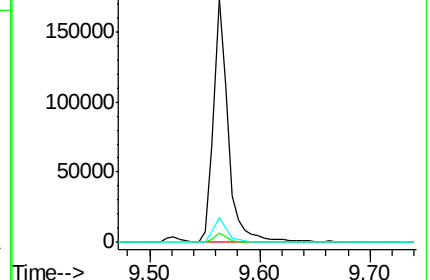
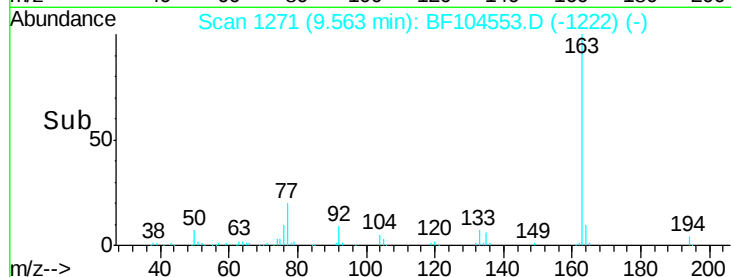
164 10.3 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

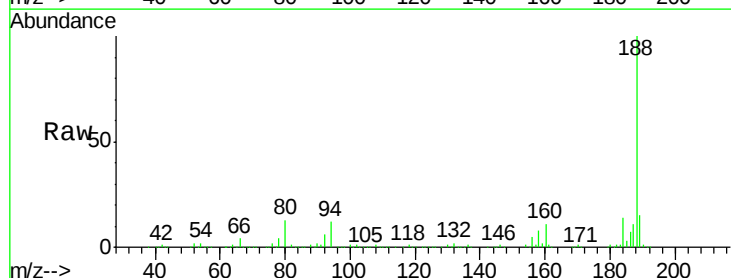
Tgt Ion:188 Resp: 355408

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

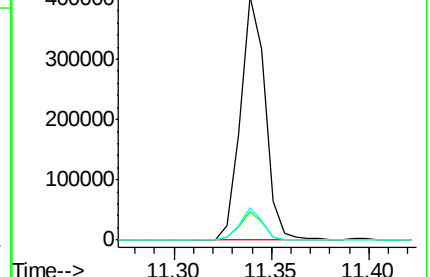
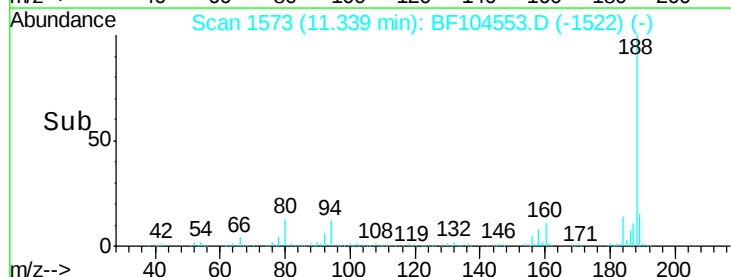
80 13.1 9.2 13.8

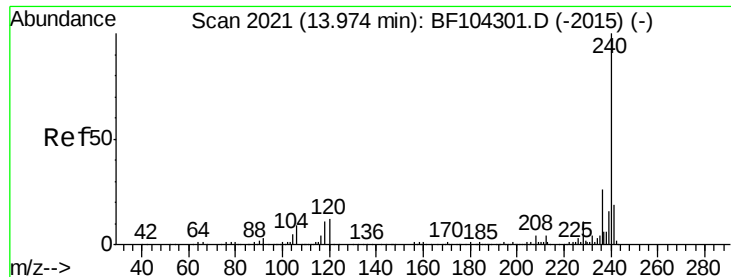


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

Instrument :

BNA_F

ClientSampleId :

CO-5

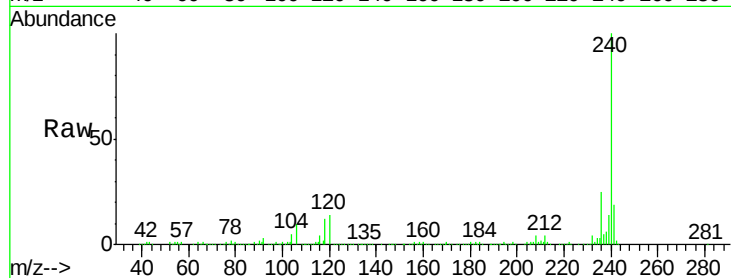
Tot Ion:240 Resp: 280414

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

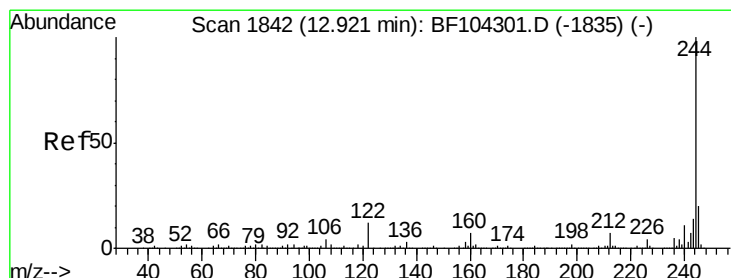
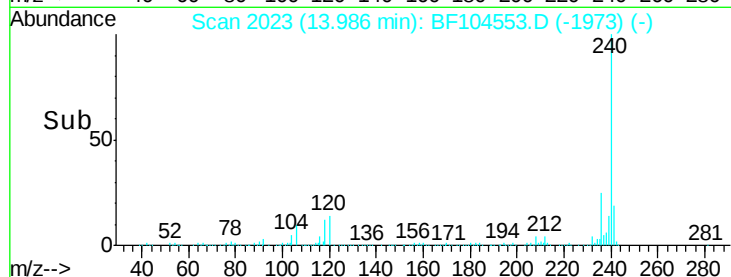
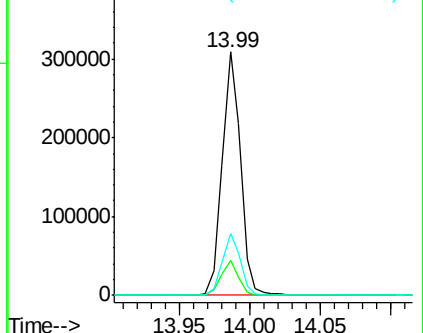
236 25.2 20.7 31.1



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: 55.297 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104553.D

Acq: 17 Apr 2018 00:26

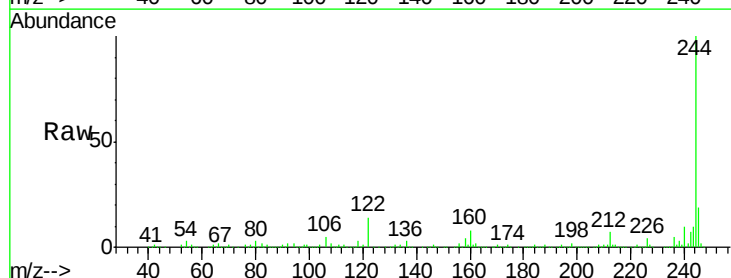
Tgt Ion:244 Resp: 680143

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

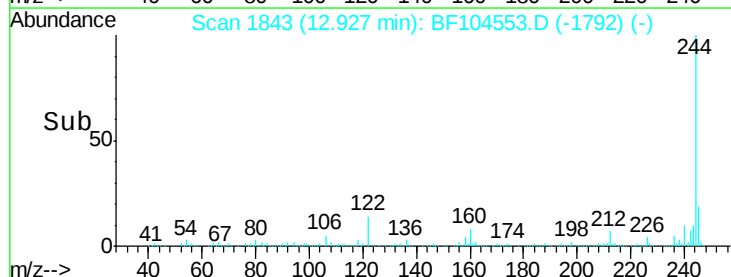
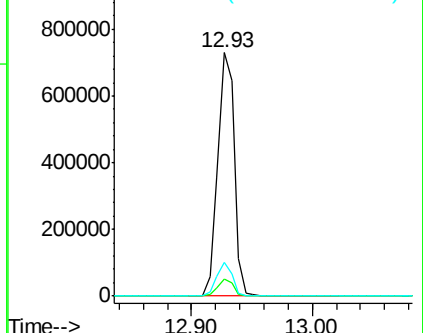
122 13.6 11.0 16.4

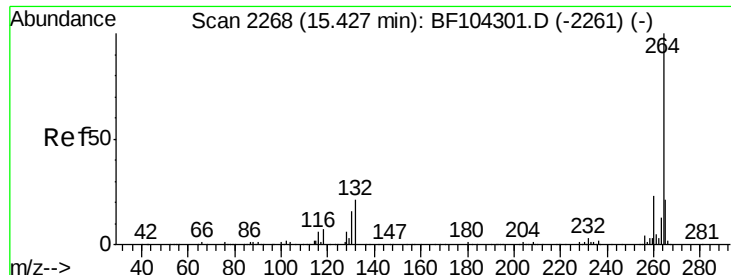


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104553.D
 Acq: 17 Apr 2018 00:26

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.4	17.5	26.3

