

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104505.D
 Acq On : 14 Apr 2018 5:17
 Operator : JU/SJ
 Sample : J2364-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO1

Quant Time: Apr 14 05:55:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

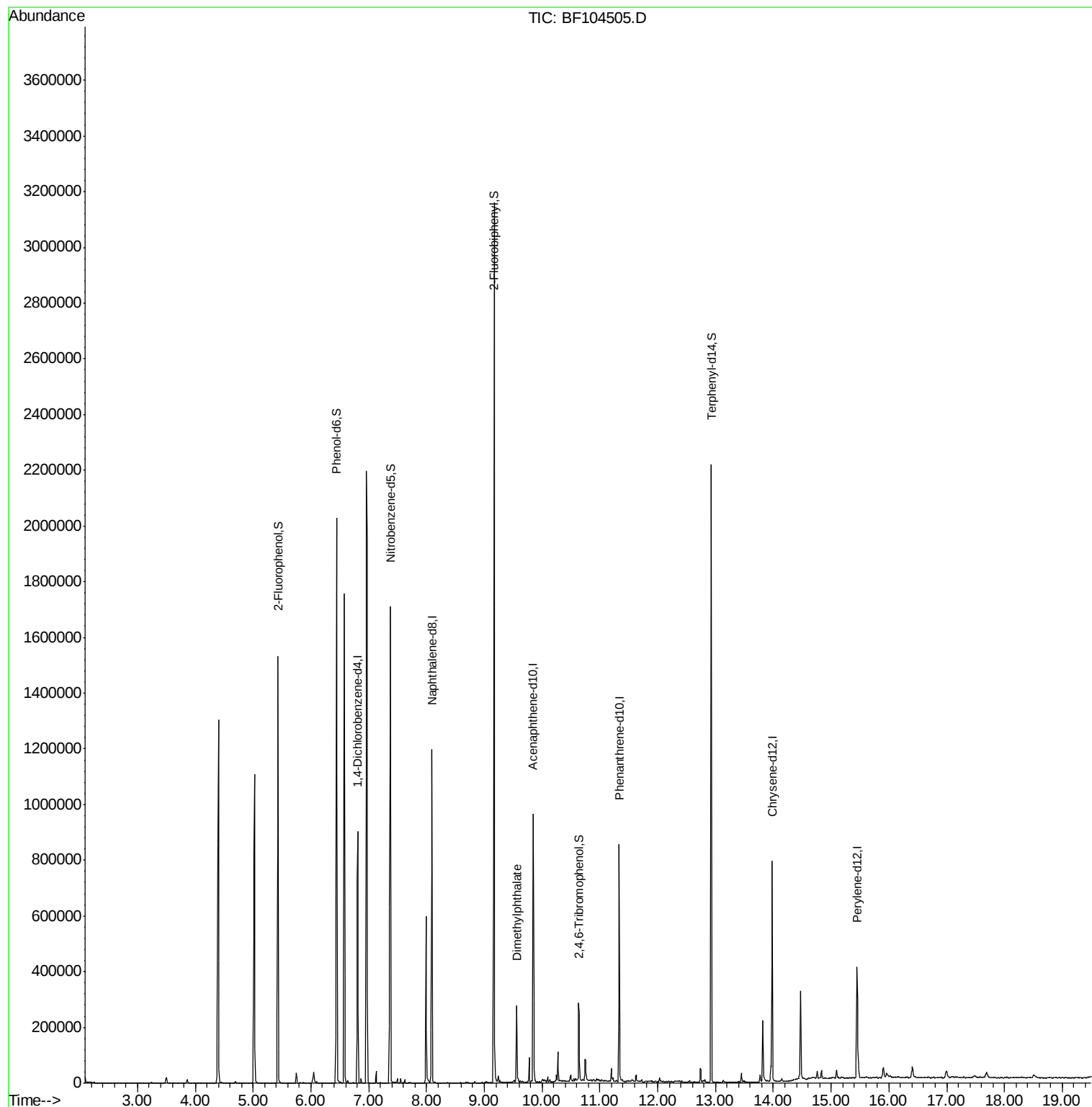
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125926	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	496296	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	205074	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	312739	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	243149	20.00	ng	-0.01
86) Perylene-d12	15.45	264	177923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	409558	49.73	ng	0.00
7) Phenol-d6	6.45	99	731013	72.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	548906	72.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	34638	16.28	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	976808	75.25	ng	0.00
78) Terphenyl-d14	12.93	244	736226	69.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	115851	7.164	ng	Qvalue 100

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

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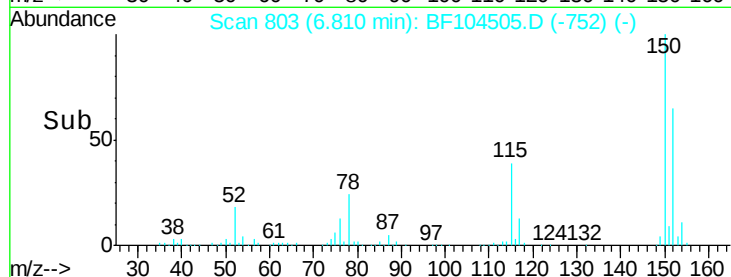
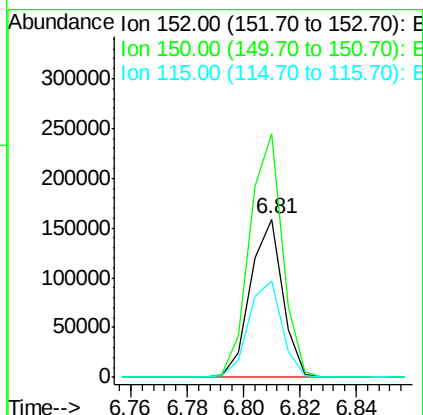
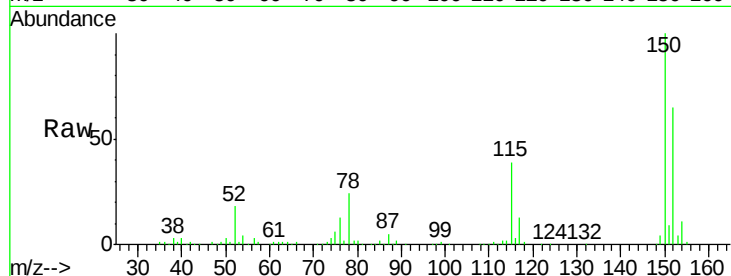


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Instrument :
 BNA_F
 ClientSampled :
 CO1

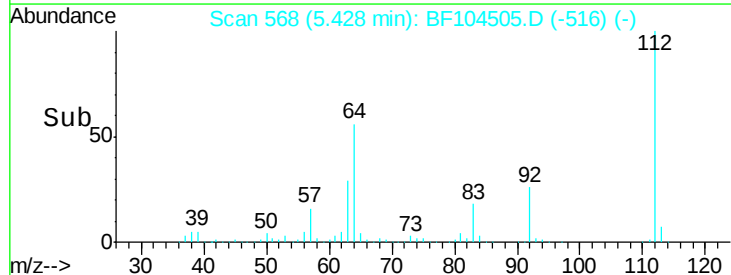
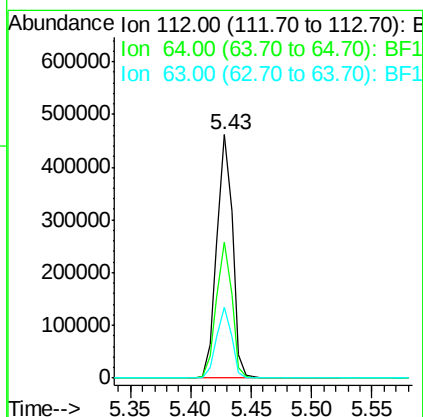
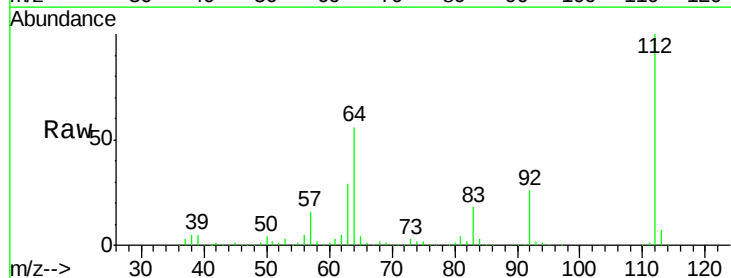
Tot Ion:152 Resp: 125926
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 60.6 50.1 75.1



#5

2-Fluorophenol
 Concen: 49.731 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Tgt Ion:112 Resp: 409558
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 72.243 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampled :

CO1

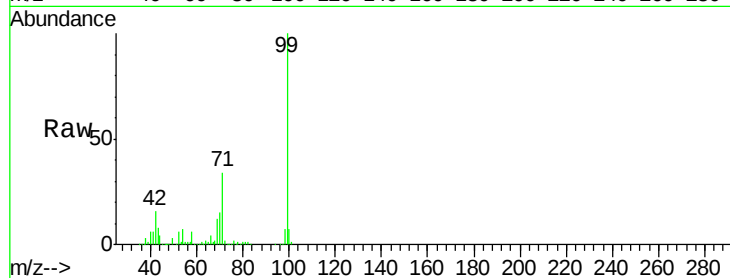
Tot Ion: 99 Resp: 731013

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

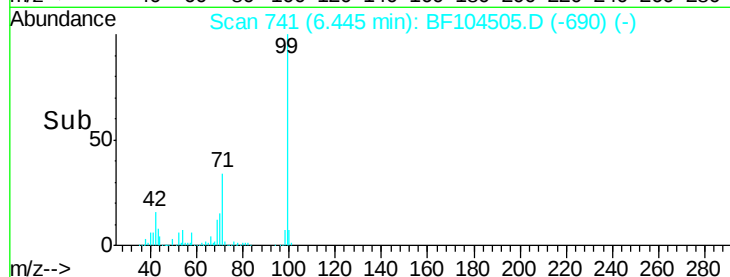
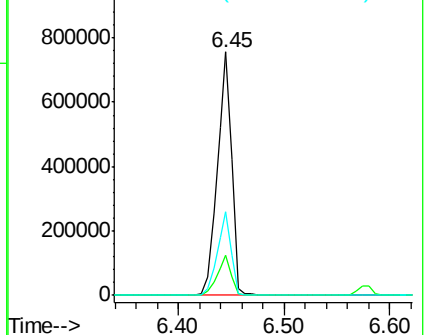
71 34.2 25.4 38.0



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. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Tgt Ion: 136 Resp: 496296

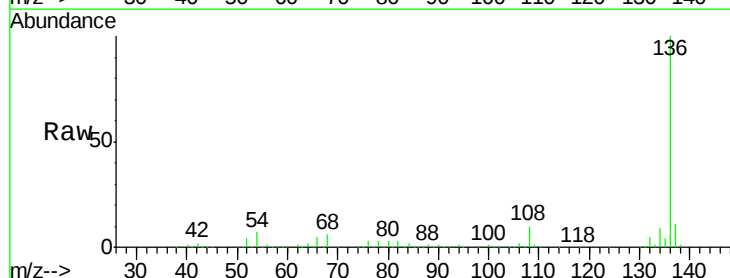
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

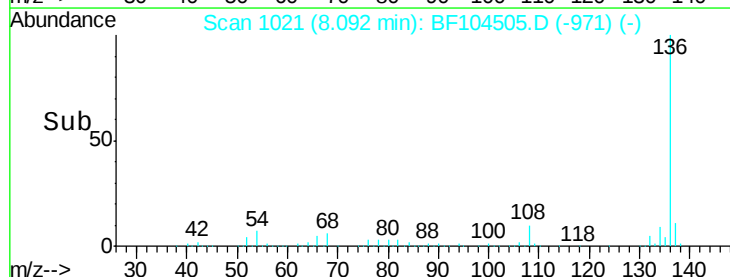
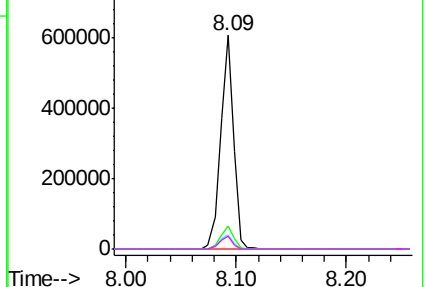


Abundance Ion 136.00 (135.70 to 136.70): E

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

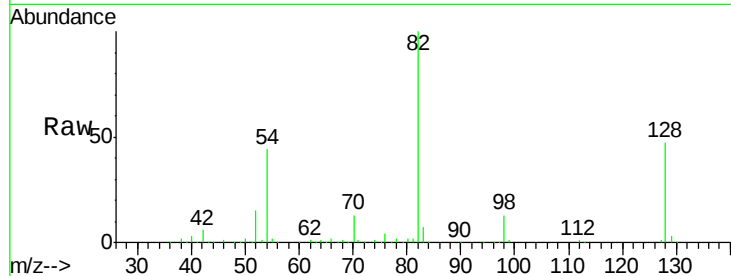




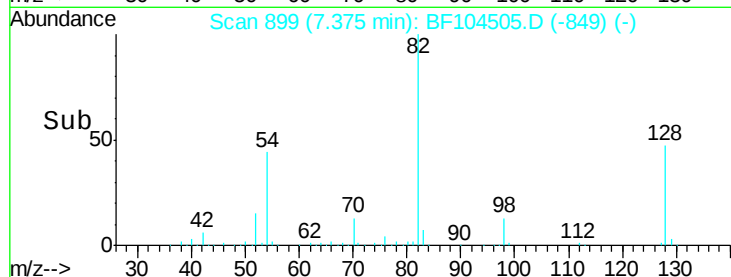
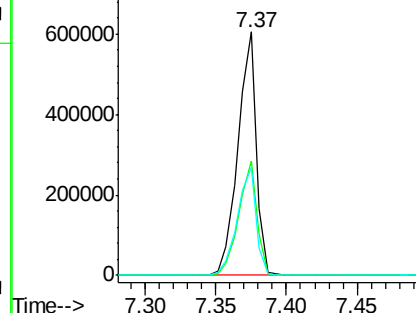
#23
 Nitrobenzene-d5
 Concen: 72.220 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Instrument :
 BNA_F
 ClientSampled :
 CO1

Tot Ion	82	Resp	548906
Ion Ratio	100	Lower	Upper
128	46.9	36.1	54.1
54	44.2	41.4	62.2

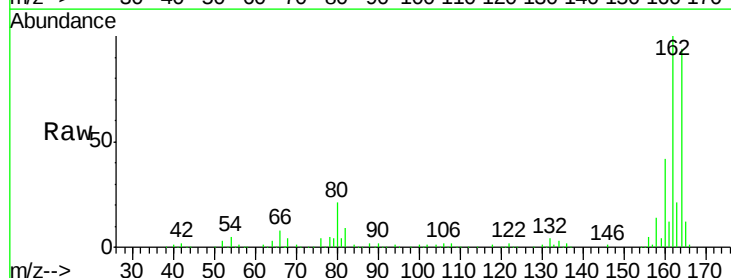


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

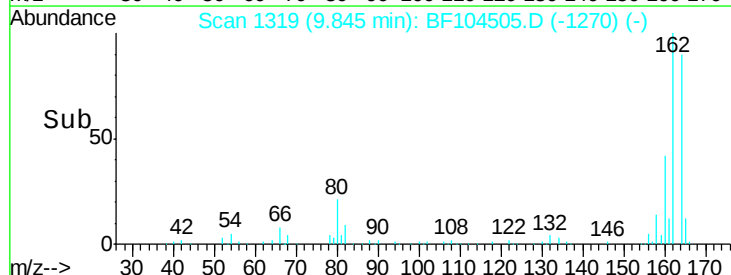
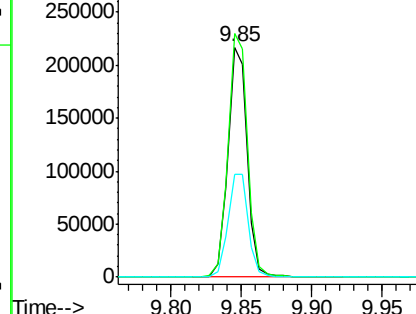


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Tgt Ion	164	Resp	205074
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.0	86.1	129.1
160	44.6	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

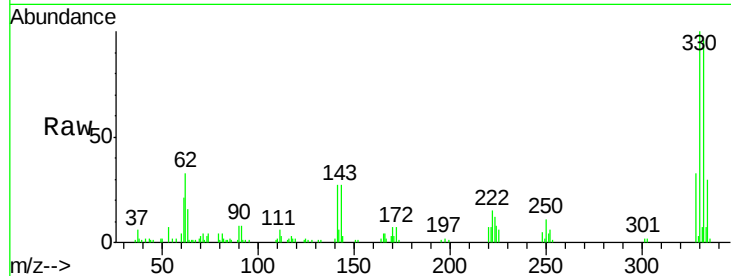




#41
 2,4,6-Tribromophenol
 Concen: 16.283 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 CO1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.6	29.9	44.9

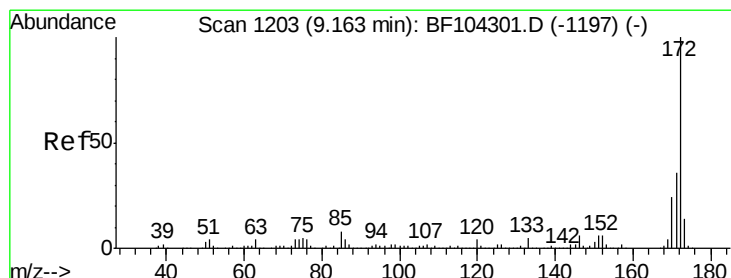
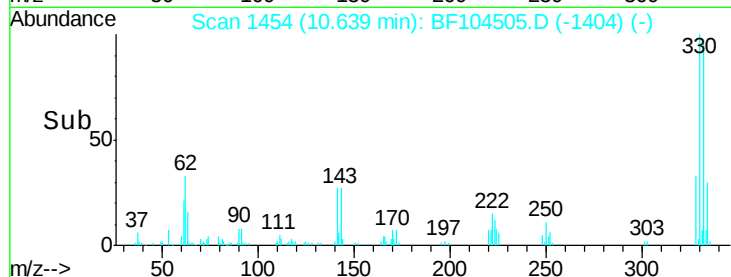
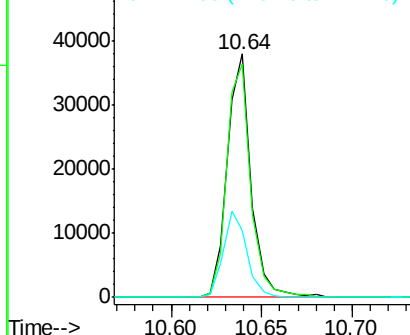


Abundance

Ion 329.80 (329.50 to 330.50): E

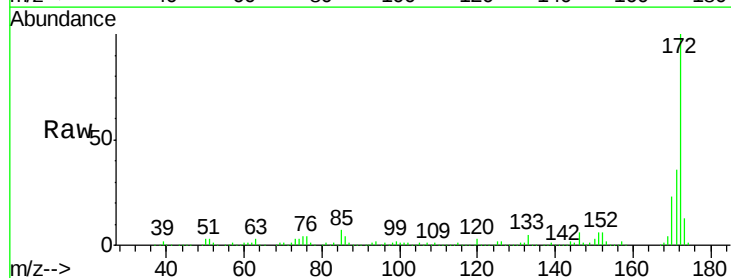
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.247 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104505.D
 Acq: 14 Apr 2018 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

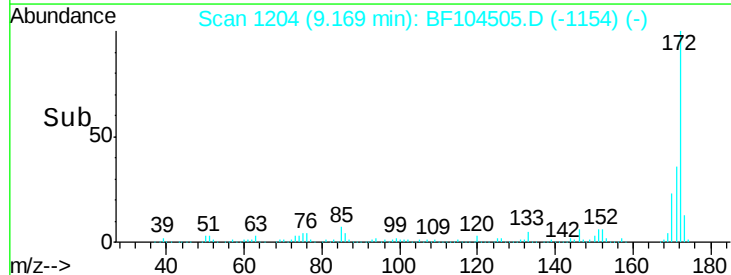
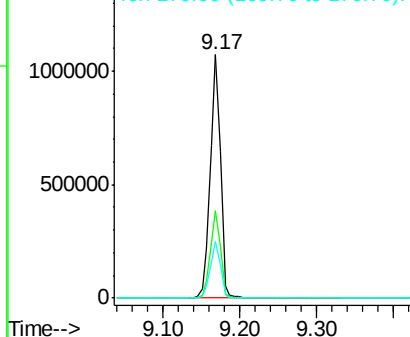


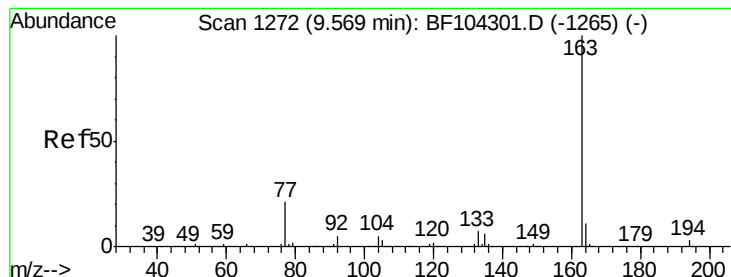
Abundance

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: 7.164 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampleId :

CO1

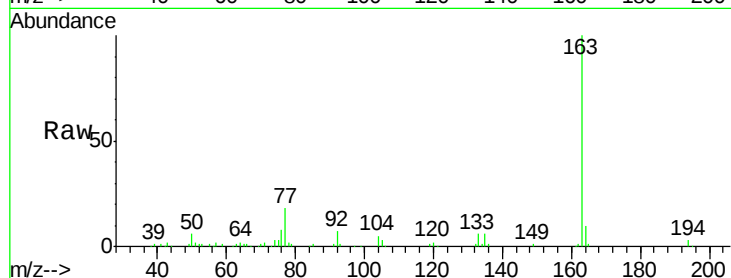
Tot Ion:163 Resp: 115851

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

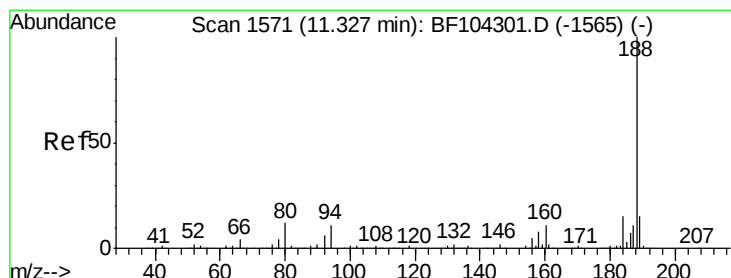
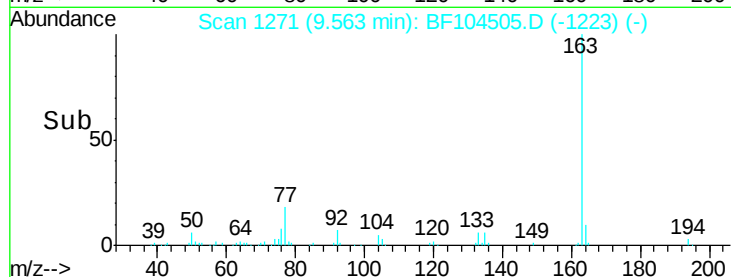
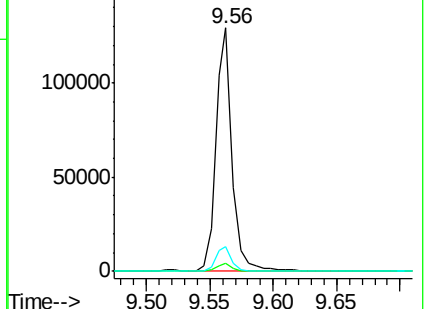
164 10.0 8.2 12.2



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

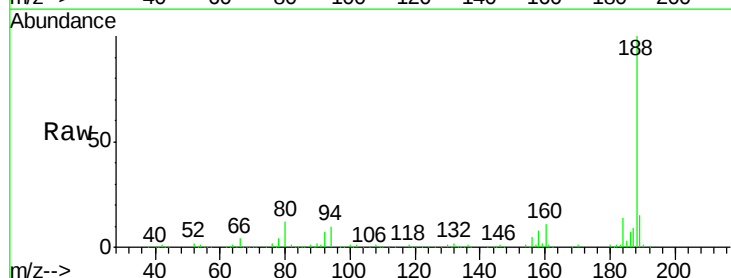
Tgt Ion:188 Resp: 312739

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

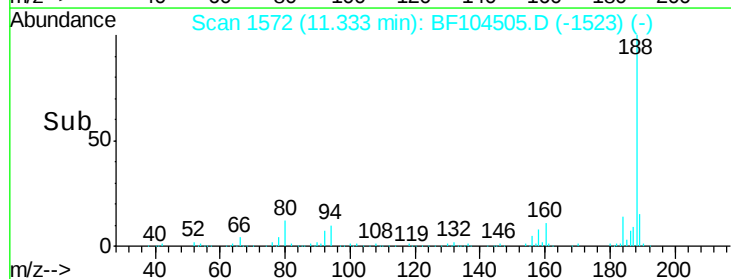
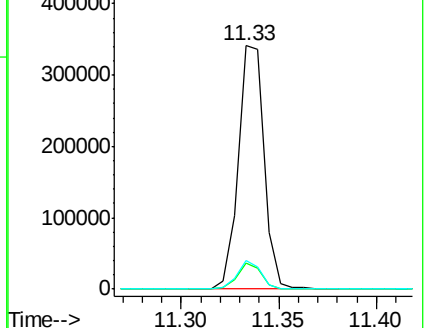
80 11.6 9.2 13.8

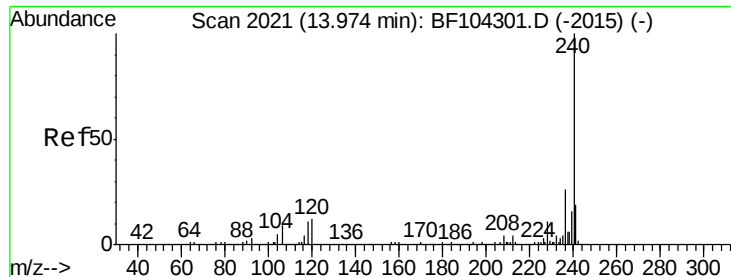


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

Instrument :

BNA_F

ClientSampleId :

CO1

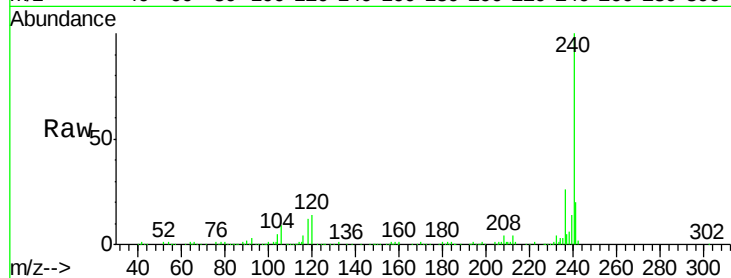
Tot Ion:240 Resp: 243149

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

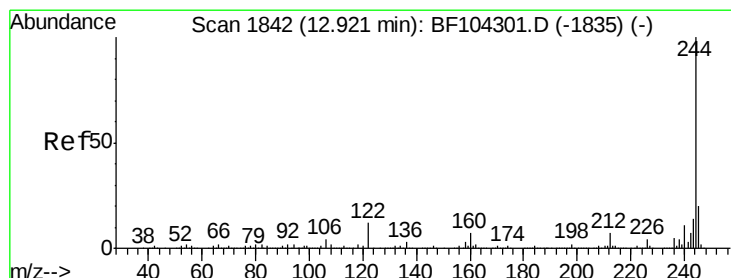
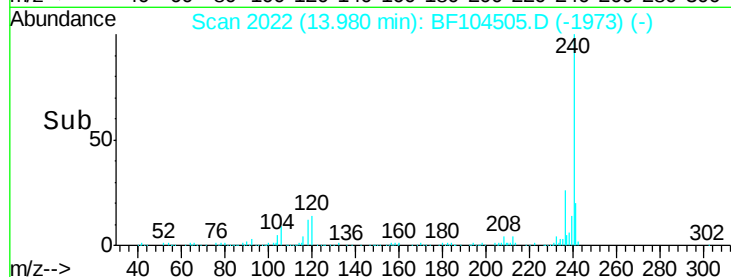
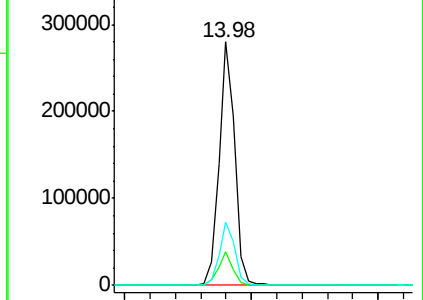
236 25.8 20.7 31.1



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: 69.030 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104505.D

Acq: 14 Apr 2018 5:17

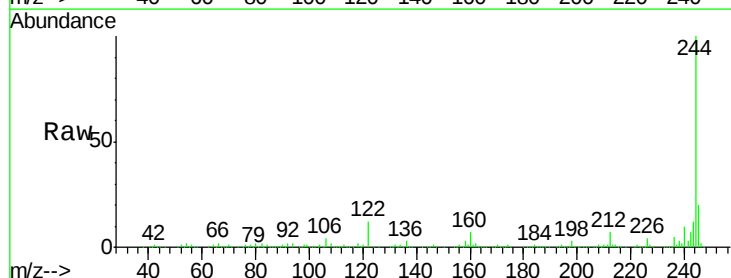
Tgt Ion:244 Resp: 736226

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

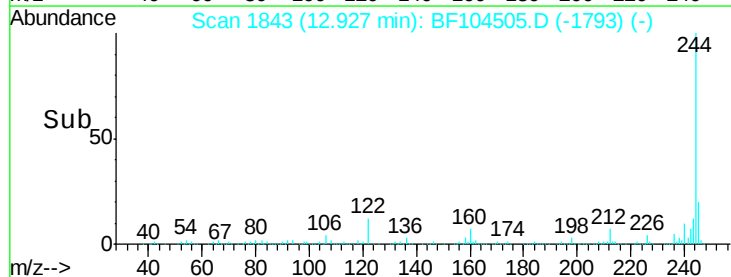
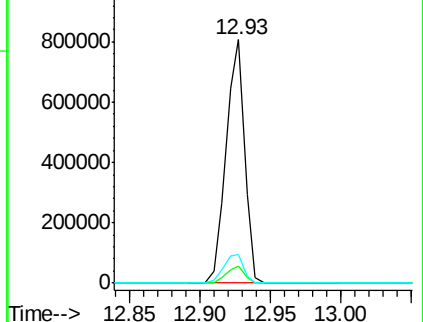
122 11.7 11.0 16.4

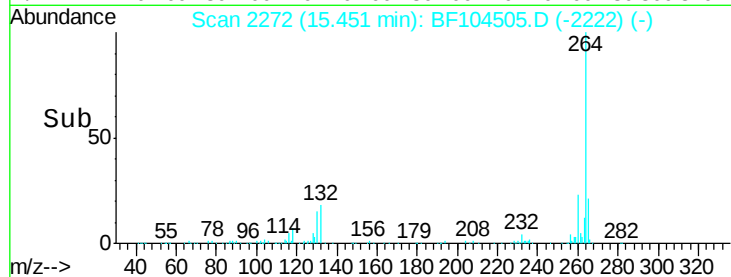
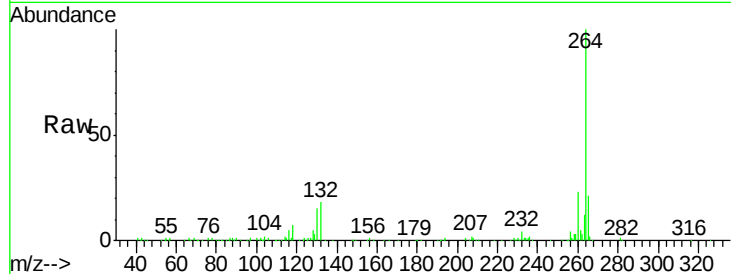
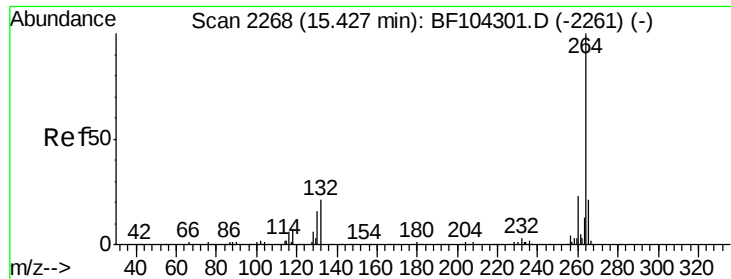


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104505.D
Acq: 14 Apr 2018 5:17

Instrument :
BNA_F
ClientSampleId :
CO1

Tot Ion:264	Resp:	177923
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.2 28.8
265	21.2	17.5 26.3

