

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104328.D
 Acq On : 7 Apr 2018 1:28
 Operator : JU/SJ
 Sample : J2248-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11944

Quant Time: Apr 07 02:33:07 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

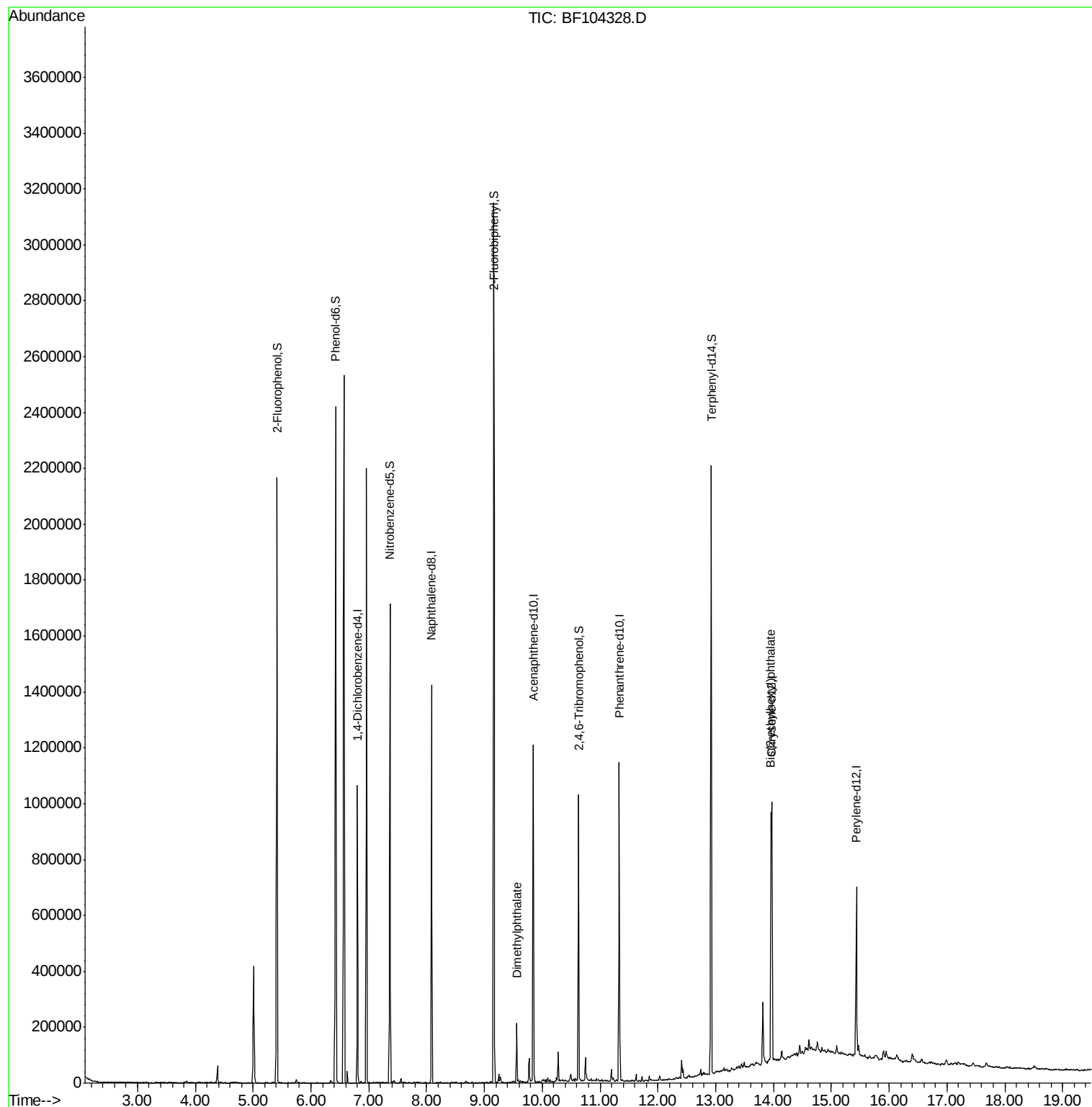
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141216	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558703	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247624	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	385386	20.00	ng	0.00
75) Chrysene-d12	13.97	240	284649	20.00	ng	0.00
86) Perylene-d12	15.43	264	260247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	607532	65.78	ng	0.00
7) Phenol-d6	6.43	99	913353	80.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	553359	64.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	109808	42.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	937577	59.81	ng	0.00
78) Terphenyl-d14	12.92	244	674265	54.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	68881	3.527	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	218228	17.068	ng	99

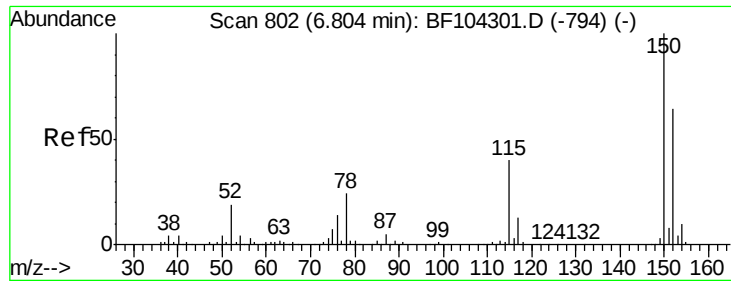
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

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ClientSampleId :

11944

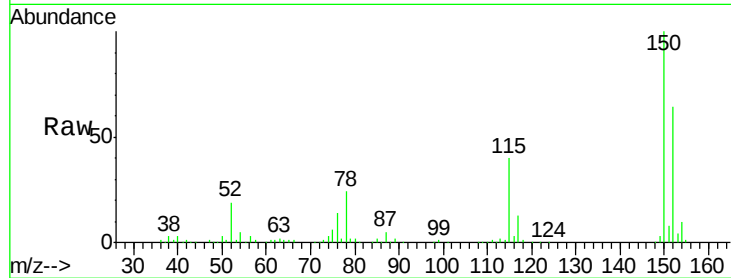
Tot Ion:152 Resp: 141216

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

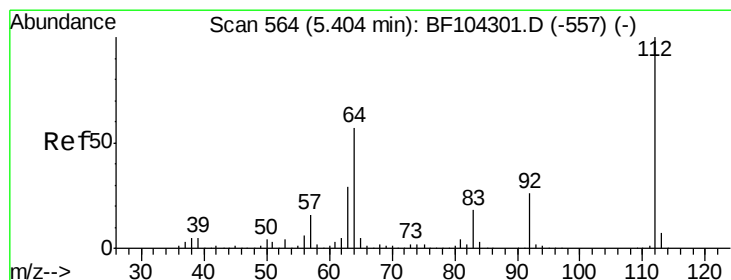
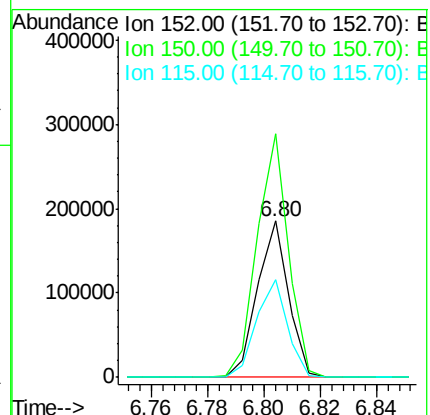
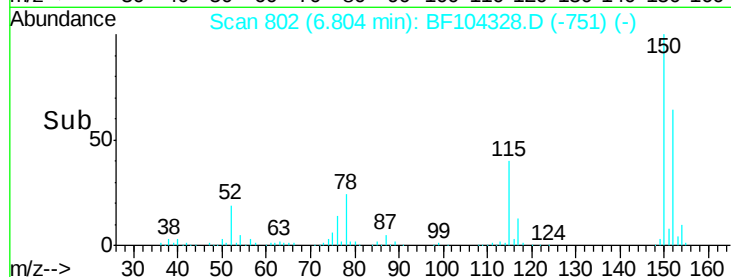
115 62.2 50.1 75.1



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: 65.782 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

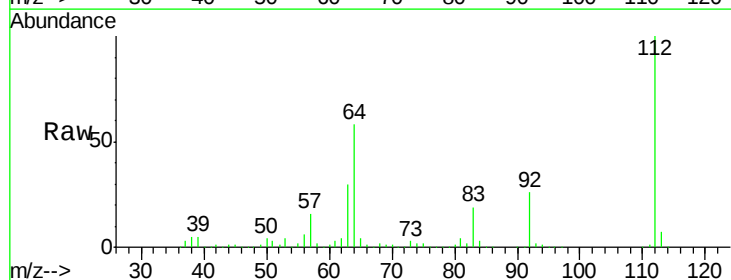
Tgt Ion:112 Resp: 607532

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

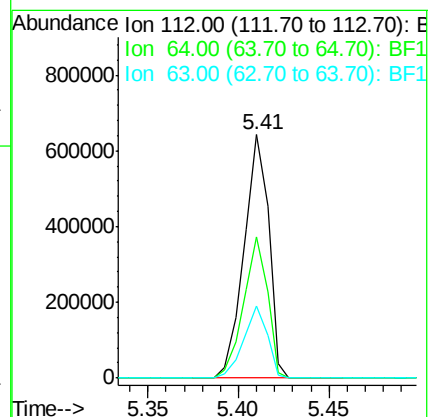
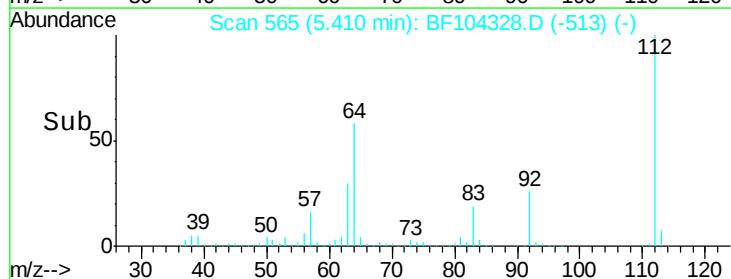
63 29.5 23.7 35.5



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: 80.490 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

BNA_F

ClientSampleId :

11944

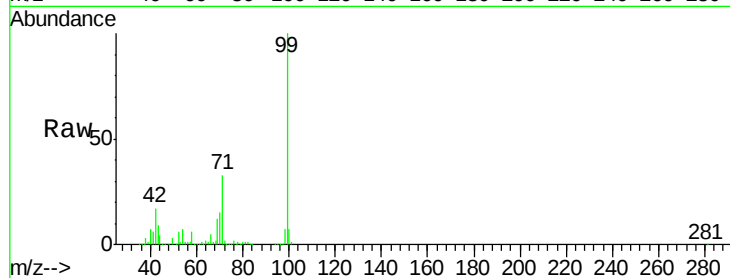
Tot Ion: 99 Resp: 91353

Ion Ratio Lower Upper

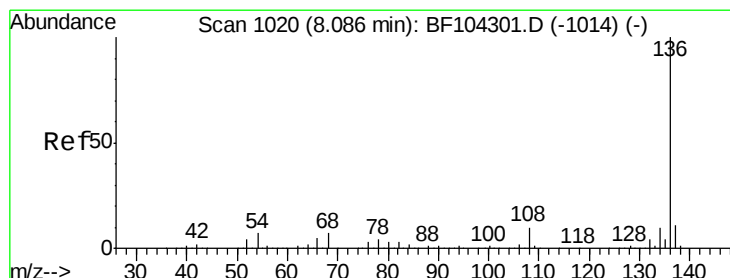
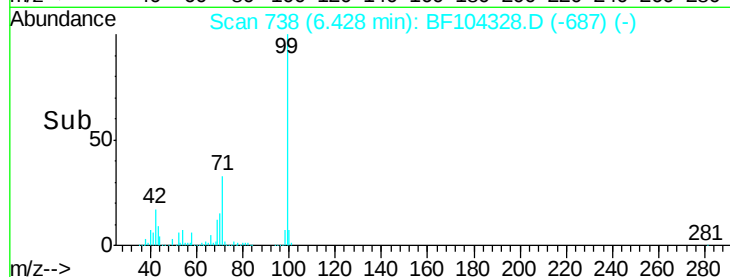
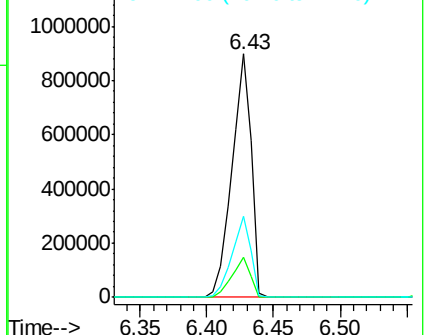
99 100

42 16.7 14.5 21.7

71 33.2 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# 1020

Delta R.T. -0.00 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Tgt Ion: 136 Resp: 558703

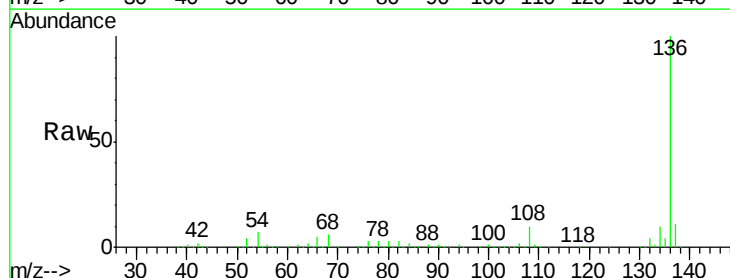
Ion Ratio Lower Upper

136 100

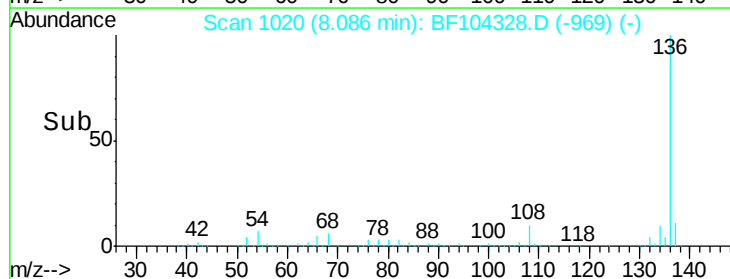
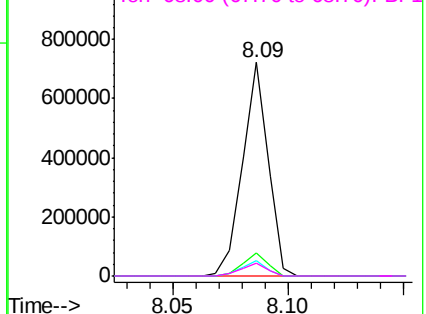
137 11.0 8.9 13.3

54 7.2 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

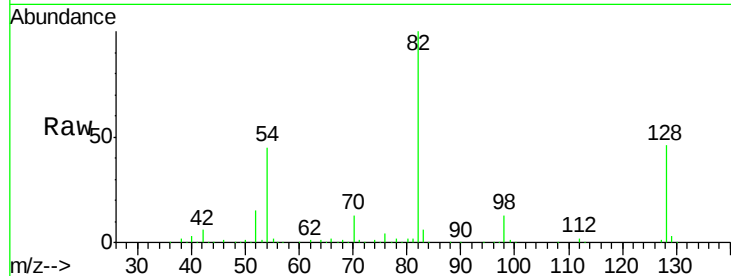




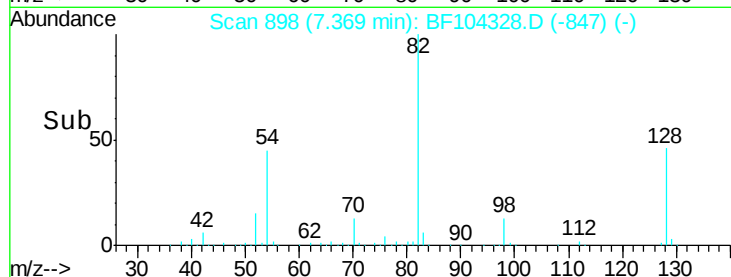
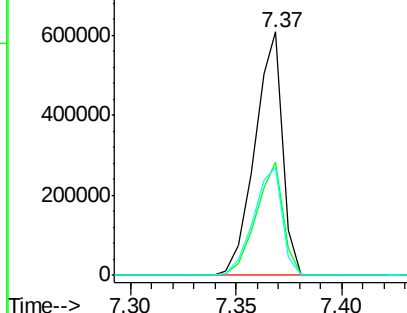
#23
 Nitrobenzene-d5
 Concen: 64.673 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

Instrument :
 BNA_F
 ClientSampleID :
 11944

Tot Ion	82	Resp	553359
Ion Ratio	100	Lower	Upper
128	46.3	36.1	54.1
54	44.5	41.4	62.2

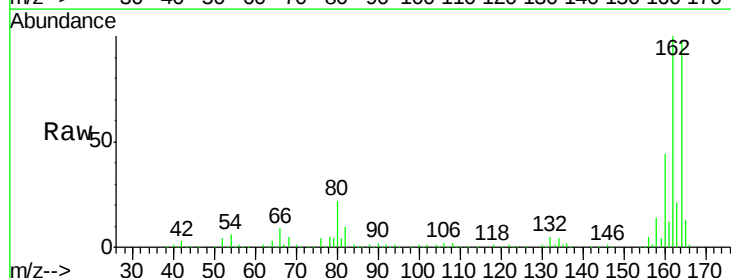


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

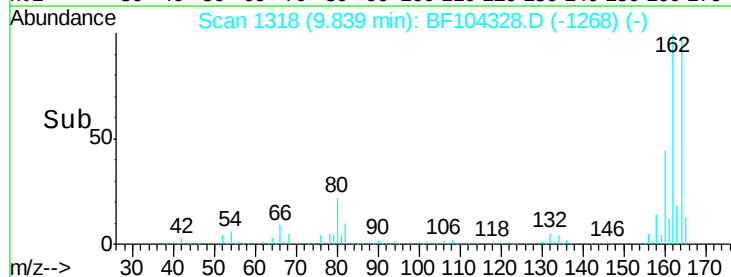
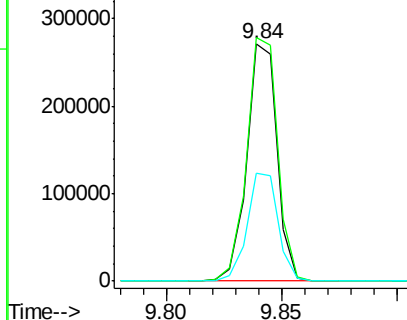


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

Tgt Ion	164	Resp	247624
Ion Ratio	100	Lower	Upper
162	102.4	86.1	129.1
160	45.3	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

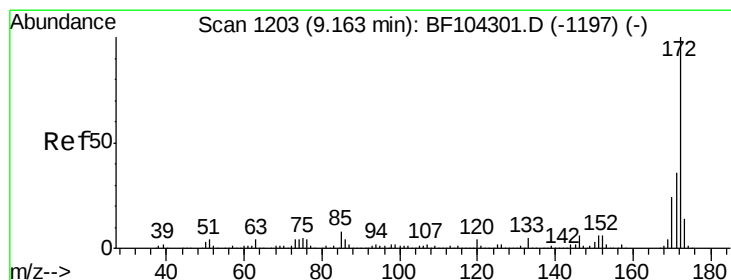
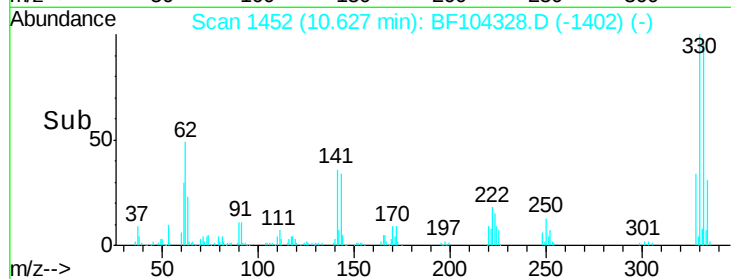
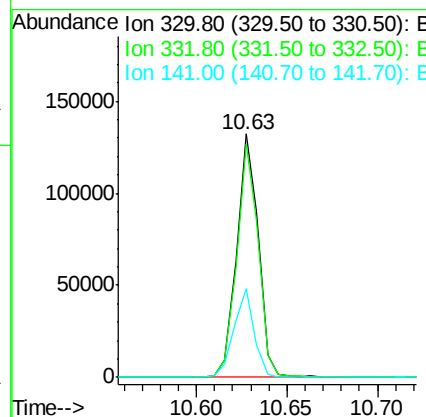
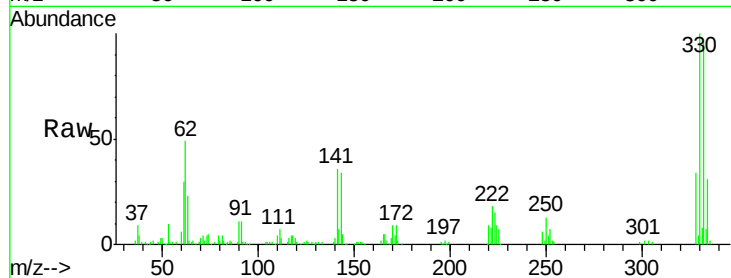




#41
 2,4,6-Tribromophenol
 Concen: 42.749 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

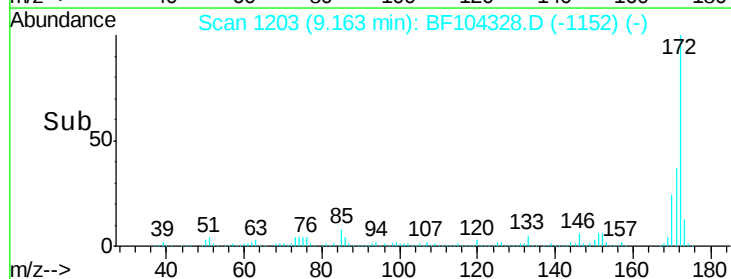
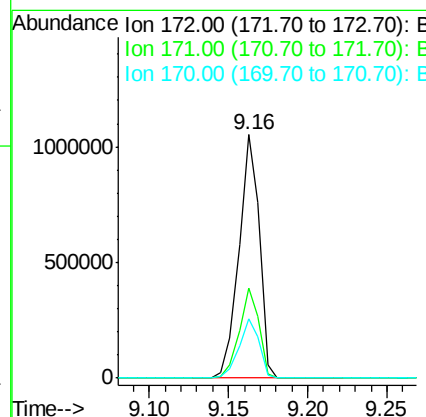
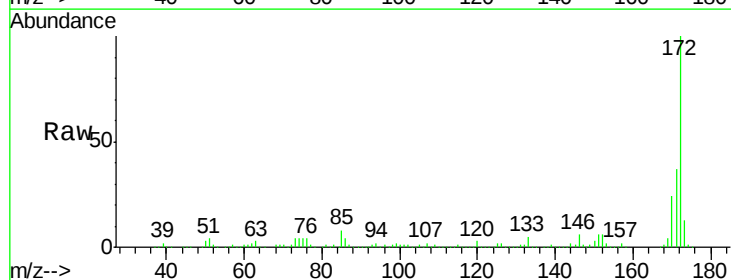
Instrument :
 BNA_F
 ClientSampleId :
 11944

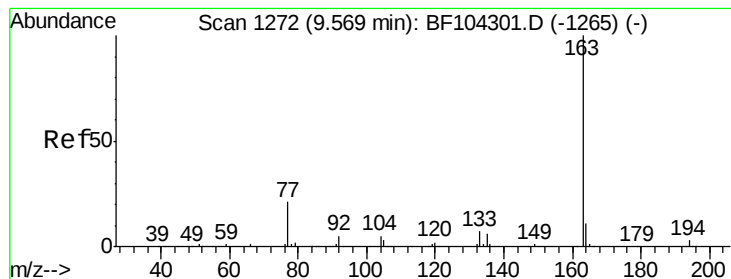
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 59.814 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 3.527 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

BNA_F

ClientSampleId :

11944

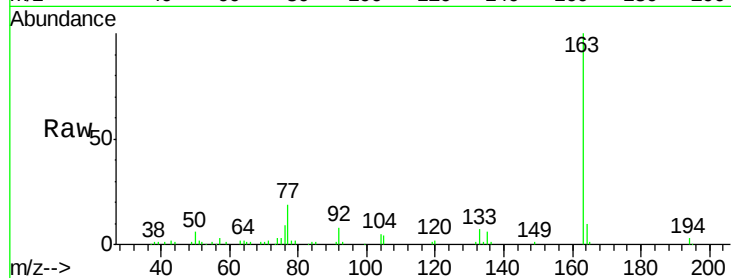
Tot Ion:163 Resp: 68881

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

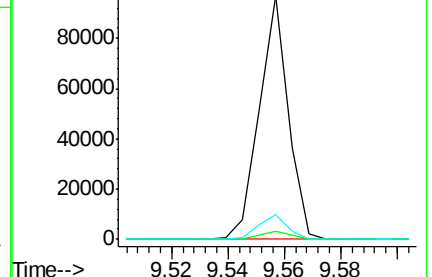
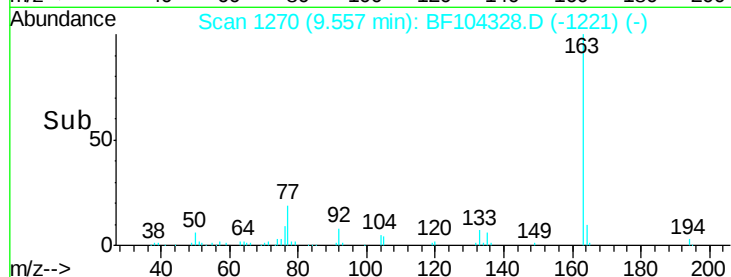
164 10.2 8.2 12.2



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# 1571

Delta R.T. -0.00 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

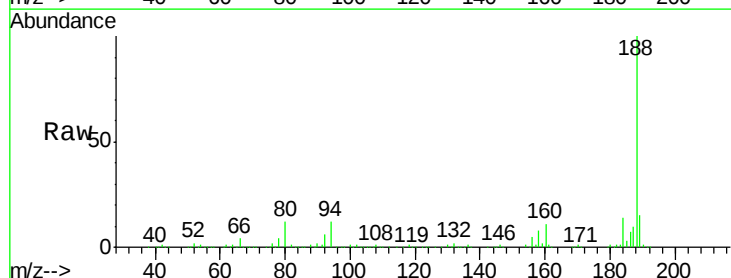
Tgt Ion:188 Resp: 385386

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

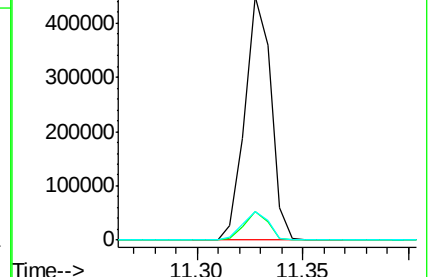
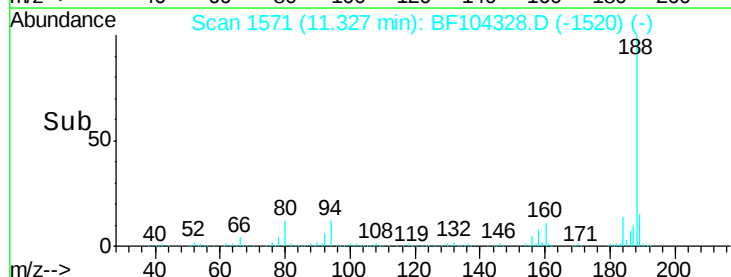
80 11.9 9.2 13.8

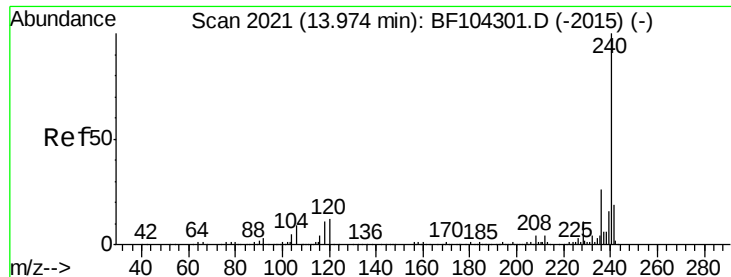


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

BNA_F

ClientSampleId :

11944

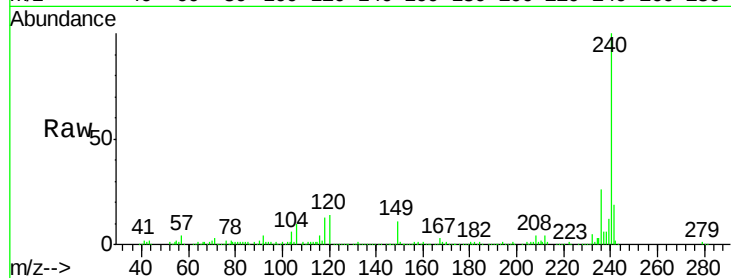
Tot Ion:240 Resp: 284649

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

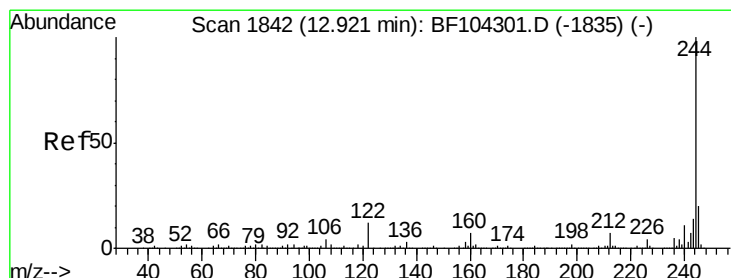
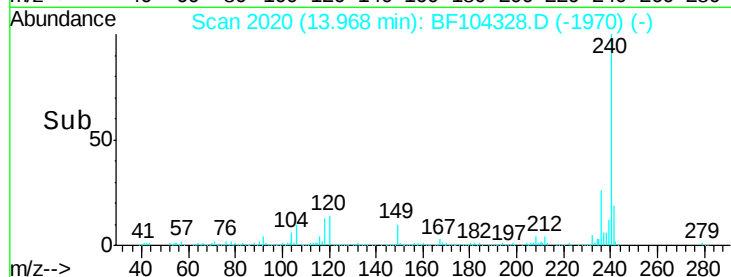
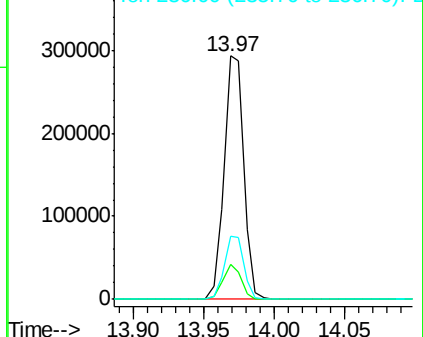
236 26.2 20.7 31.1



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: 54.004 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

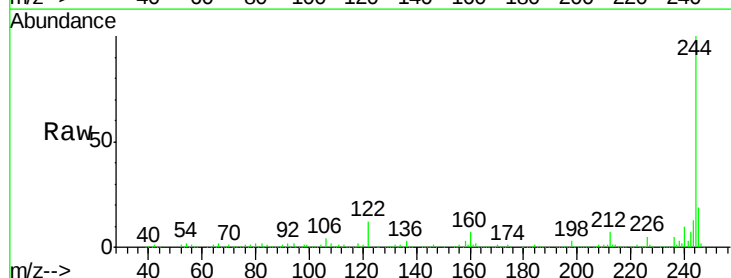
Tgt Ion:244 Resp: 674265

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

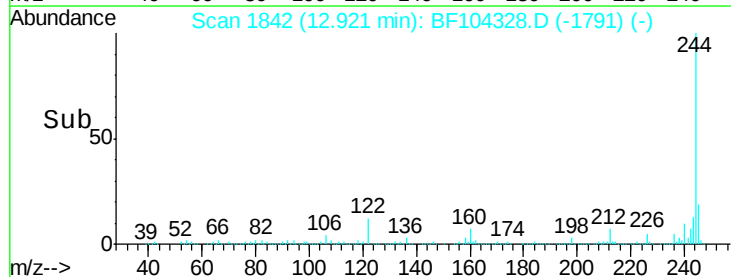
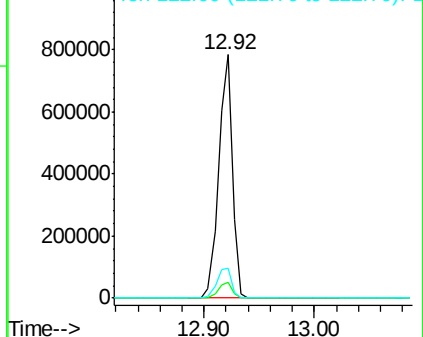
122 12.4 11.0 16.4

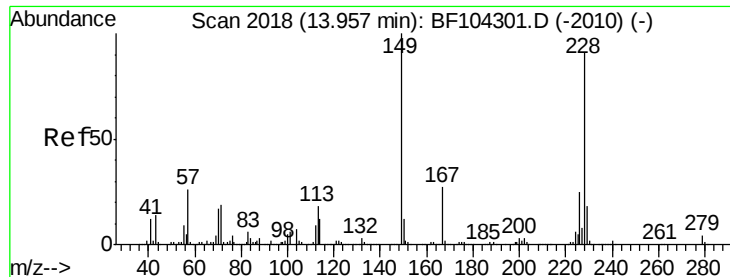


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.068 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

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11944

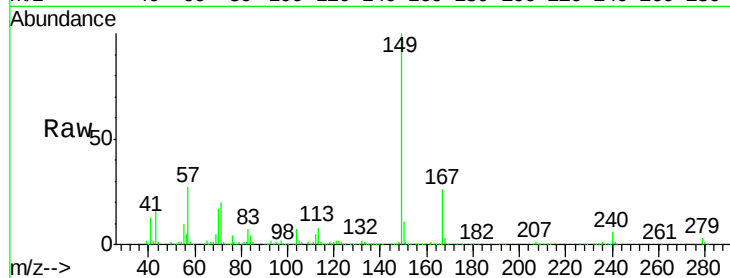
Tot Ion:149 Resp: 218228

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

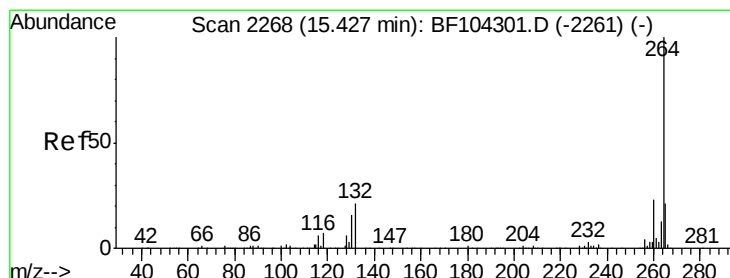
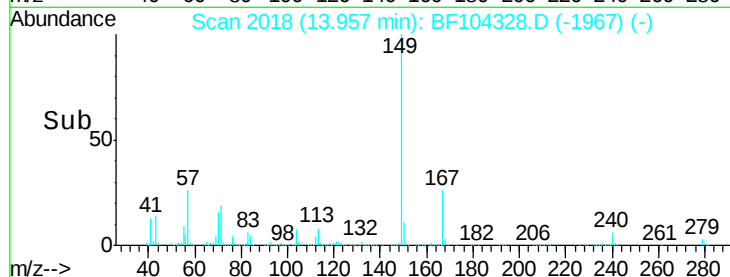
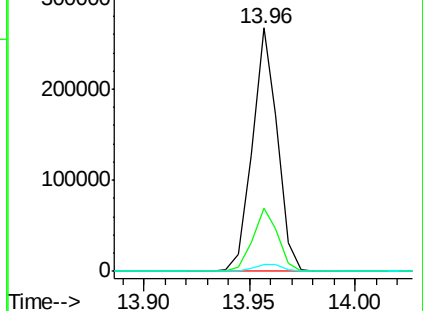
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

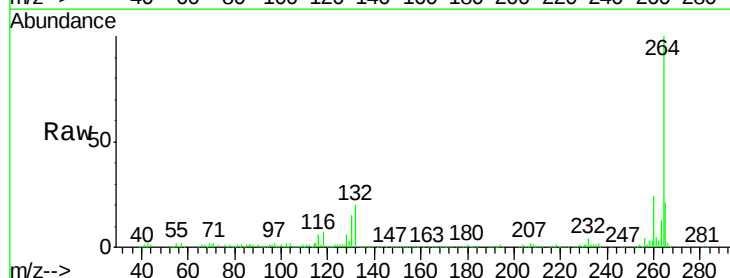
Tgt Ion:264 Resp: 260247

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.9 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

