

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104950.D
 Acq On : 30 Apr 2018 23:01
 Operator : JU/SJ
 Sample : J2609-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01E

Quant Time: May 01 07:12:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

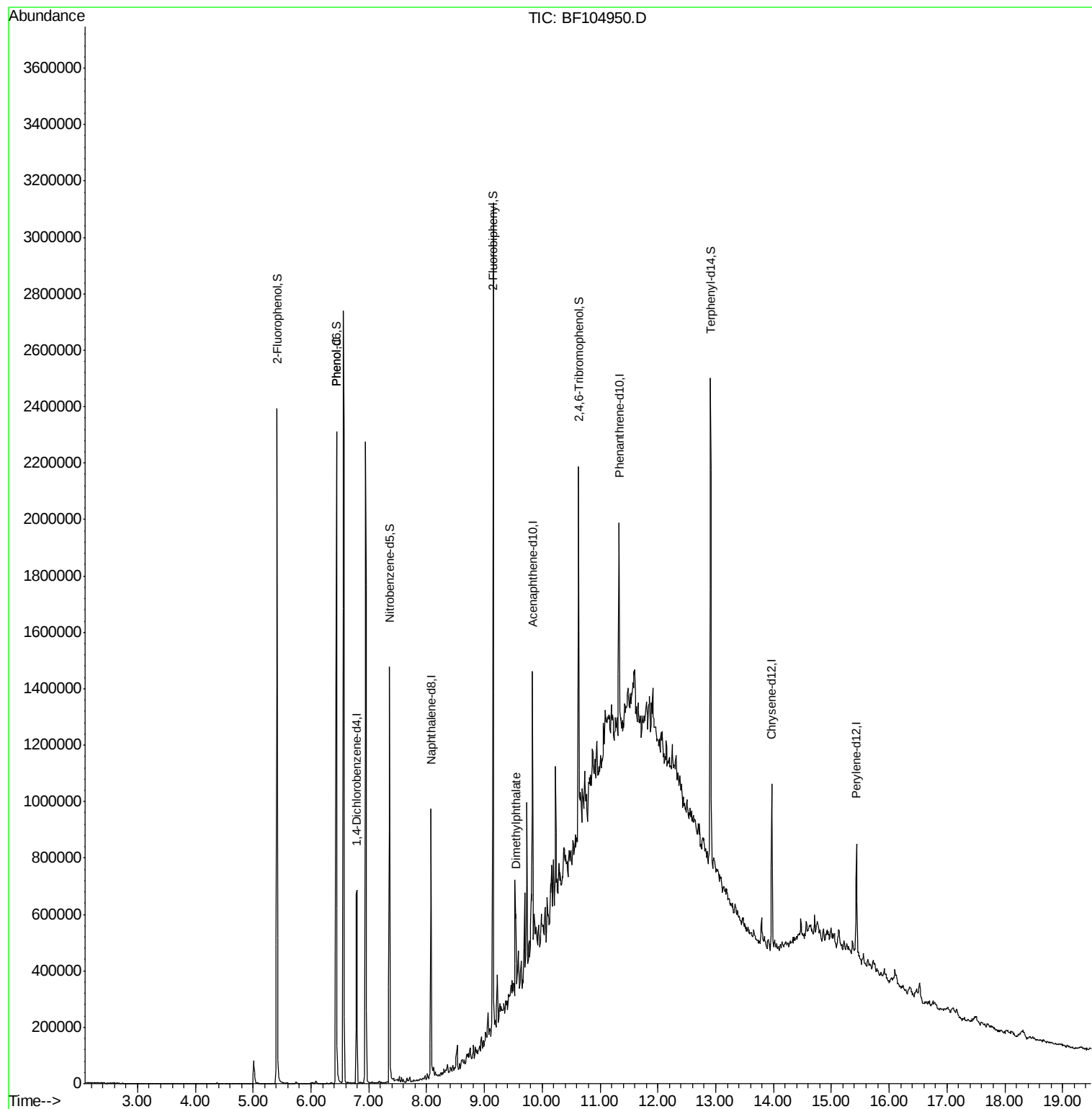
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107731	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	444435	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	179369	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	264039	20.00	ng	0.00
75) Chrysene-d12	13.97	240	204212	20.00	ng	0.00
86) Perylene-d12	15.43	264	176022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	808804	114.80	ng	0.01
7) Phenol-d6	6.44	99	957978	110.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	585651	86.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	187336	100.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	905333	79.74	ng	0.00
78) Terphenyl-d14	12.91	244	637521	71.17	ng	0.00
Target Compounds						
10) Phenol	6.45	94	24591	2.677	ng	# 71
49) Dimethylphthalate	9.55	163	94397	6.674	ng	# 99

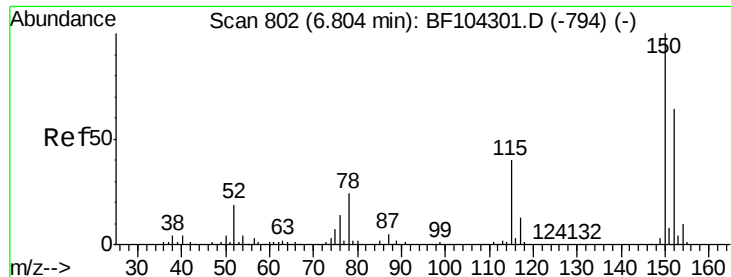
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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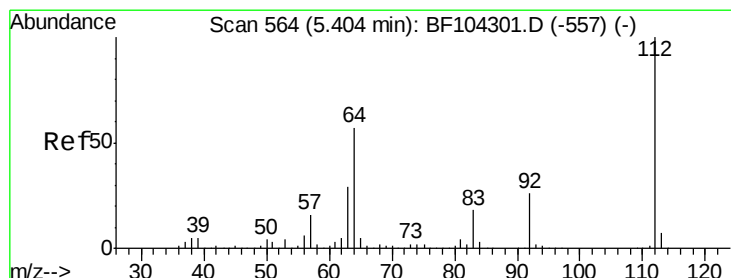
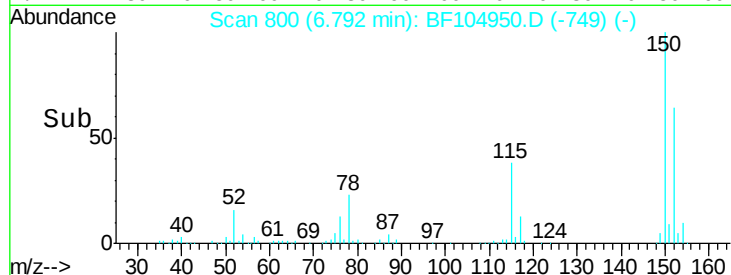
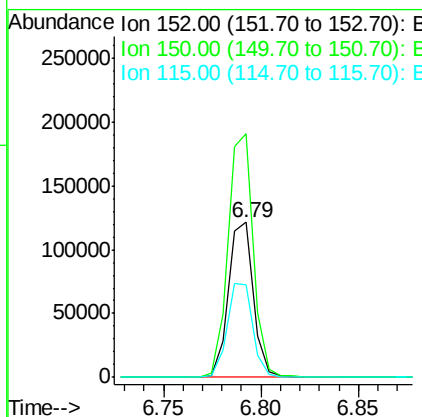
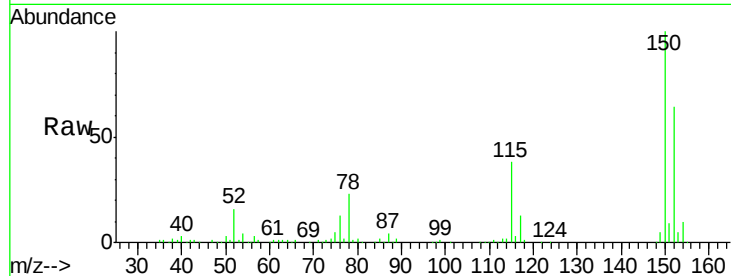




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

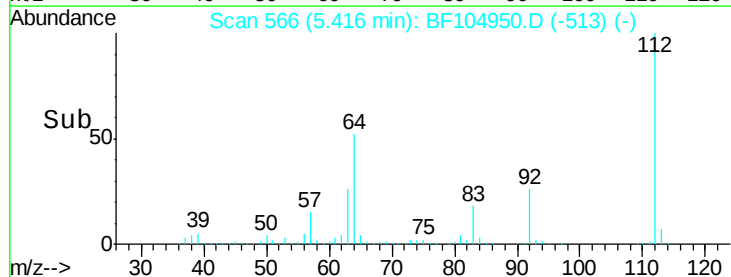
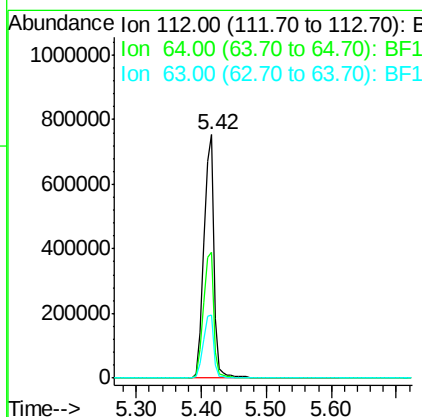
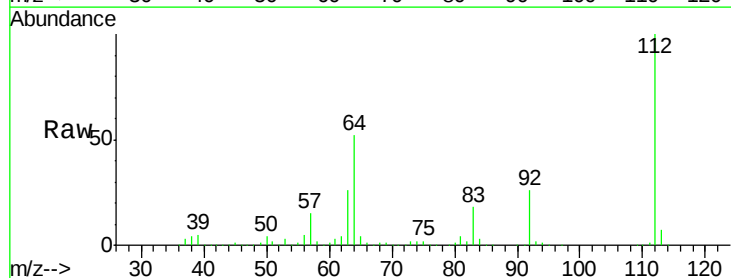
Instrument :
 BNA_F
 ClientSampleId :
 SB-01E

Tot Ion:152 Resp: 107731
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 60.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 114.796 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

Tgt Ion:112 Resp: 808804
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 26.2 23.7 35.5





#7

Phenol-d6

Concen: 110.663 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampled :

SB-01E

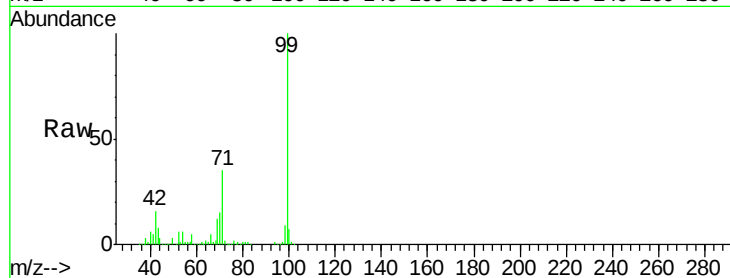
Tot Ion: 99 Resp: 957978

Ion Ratio Lower Upper

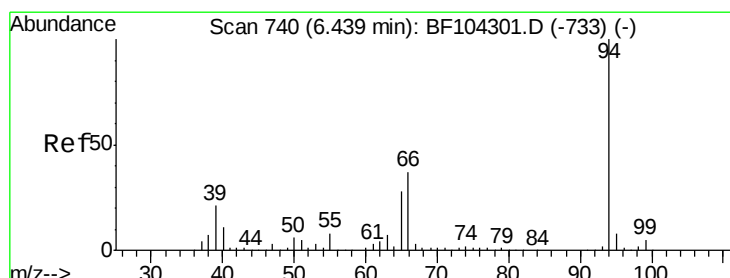
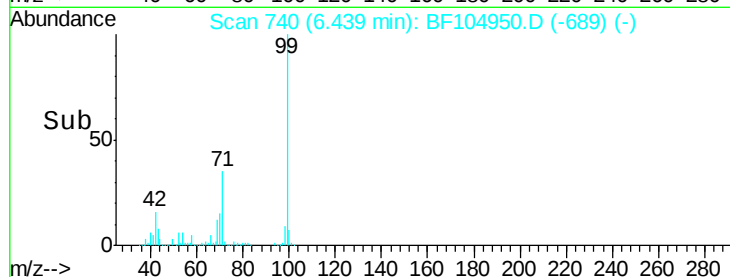
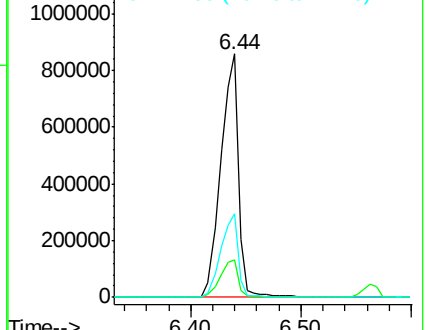
99 100

42 15.5 14.5 21.7

71 34.6 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



#10

Phenol

Concen: 2.677 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

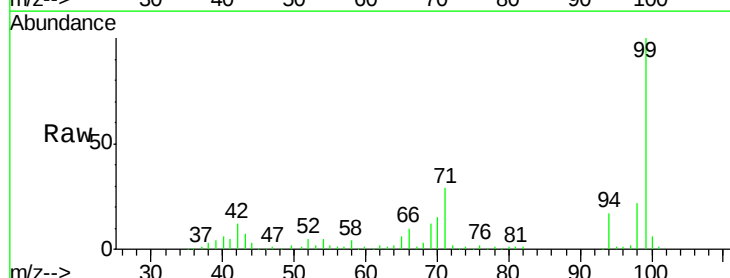
Tgt Ion: 94 Resp: 24591

Ion Ratio Lower Upper

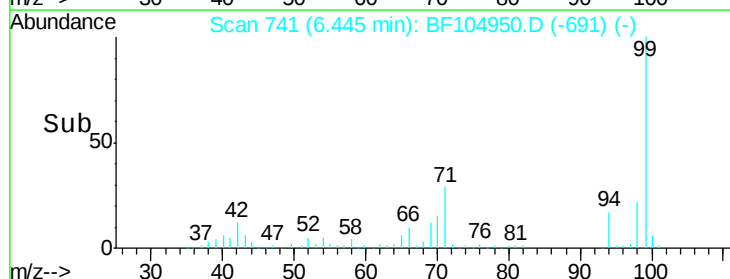
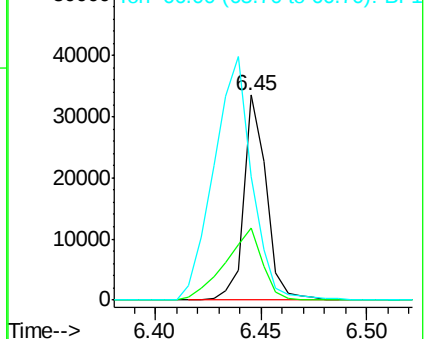
94 100

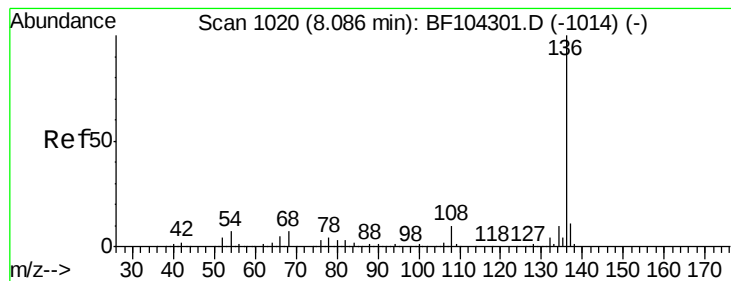
65 35.4 7.9 47.9

66 60.4 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampleId :

SB-01E

Tot Ion:136 Resp: 444435

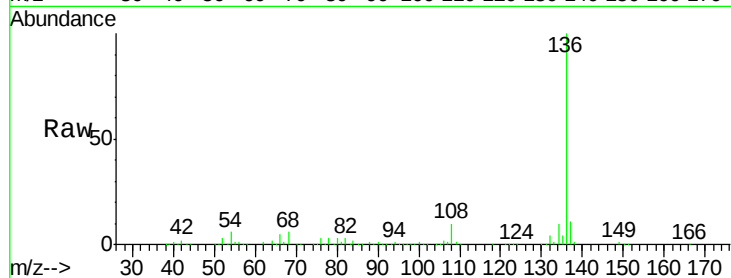
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.0 6.6 9.8#

68 5.5 5.0 7.4

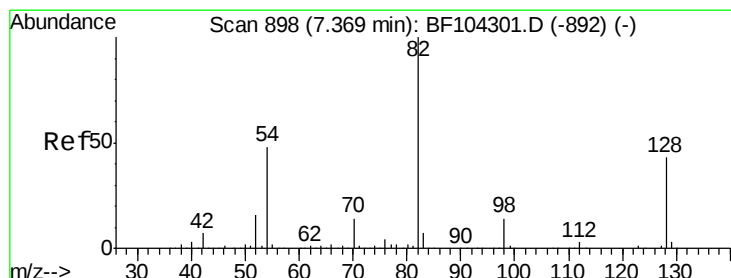
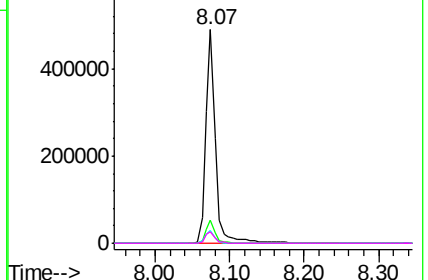
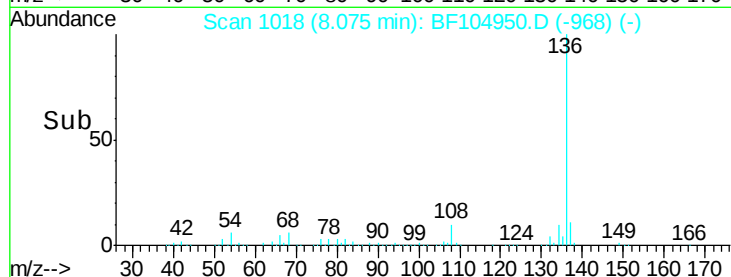


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.046 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

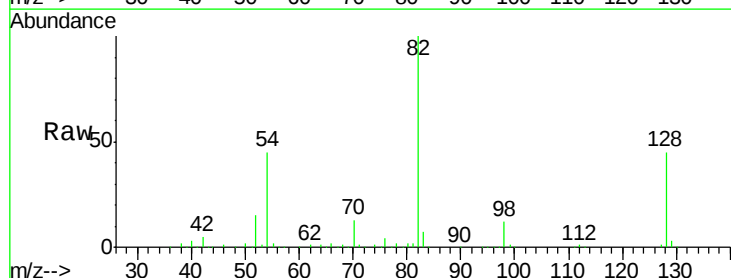
Tgt Ion: 82 Resp: 585651

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

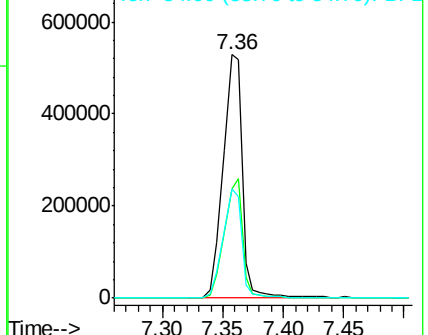
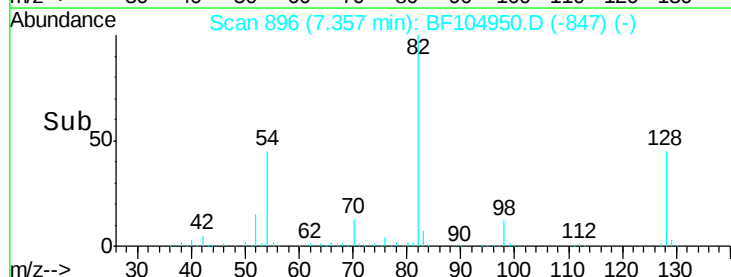
54 45.0 41.4 62.2

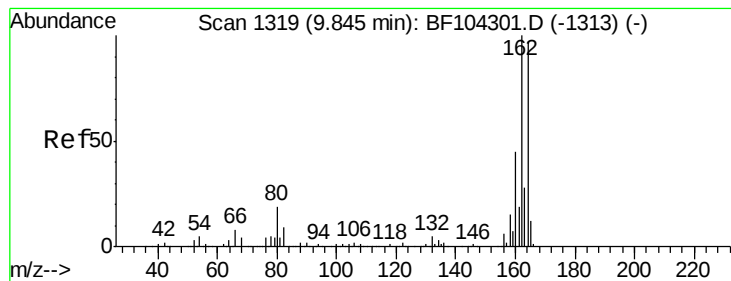


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampleId :

SB-01E

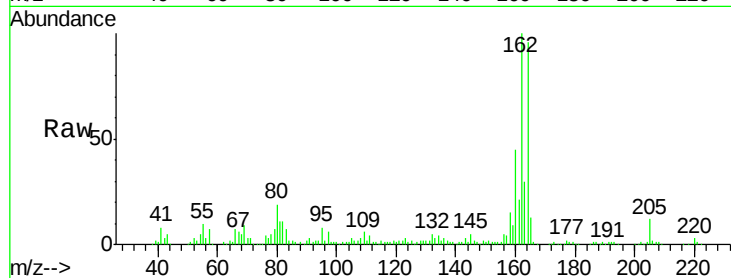
Tot Ion:164 Resp: 179369

Ion Ratio Lower Upper

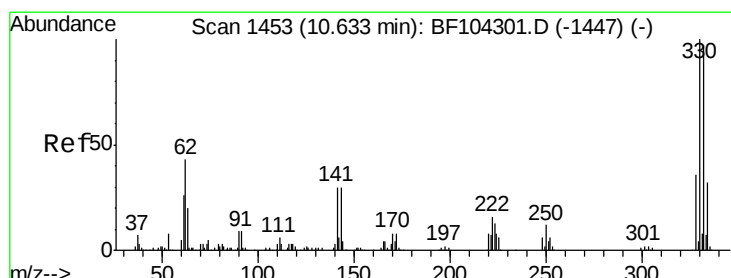
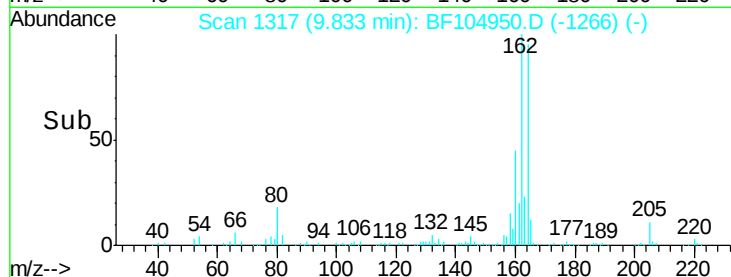
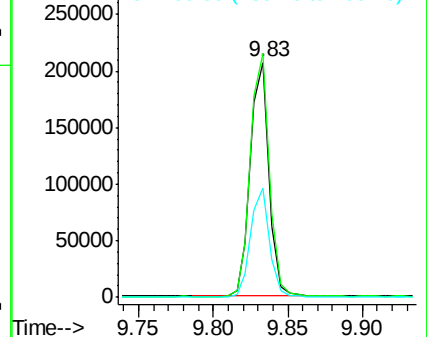
164 100

162 103.7 86.1 129.1

160 46.7 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: 100.683 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

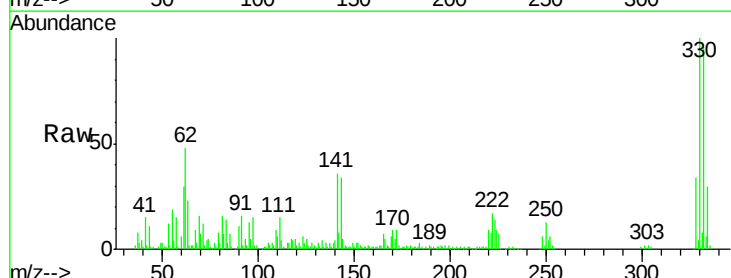
Tgt Ion:330 Resp: 187336

Ion Ratio Lower Upper

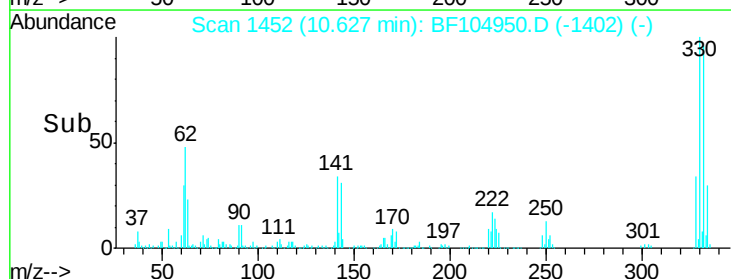
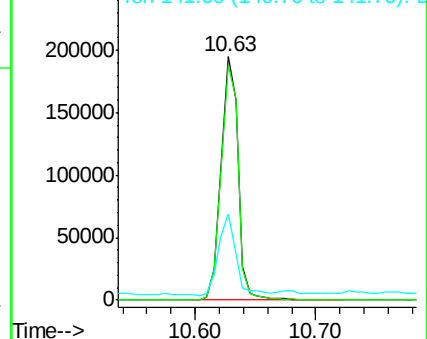
330 100

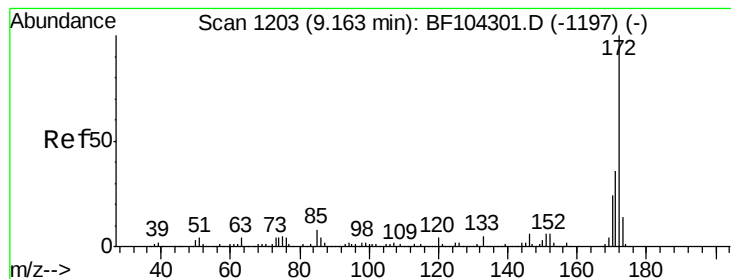
332 98.0 77.0 115.6

141 34.0 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: 79.735 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampleId :

SB-01E

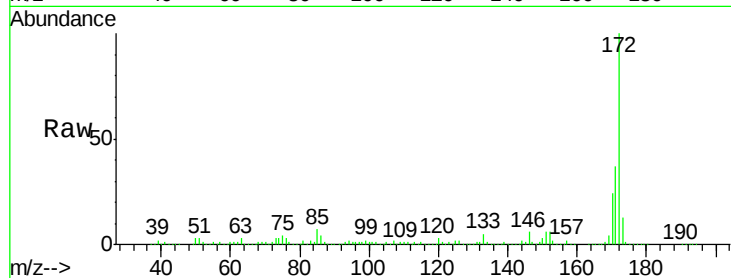
Tot Ion:172 Resp: 905333

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

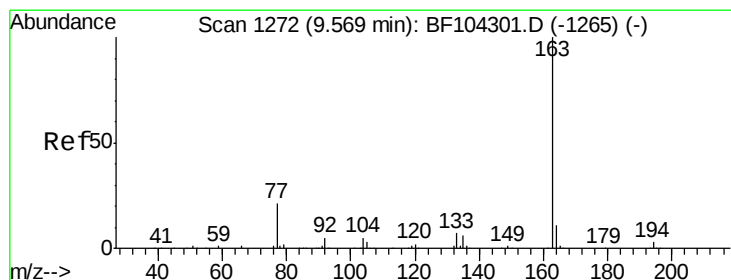
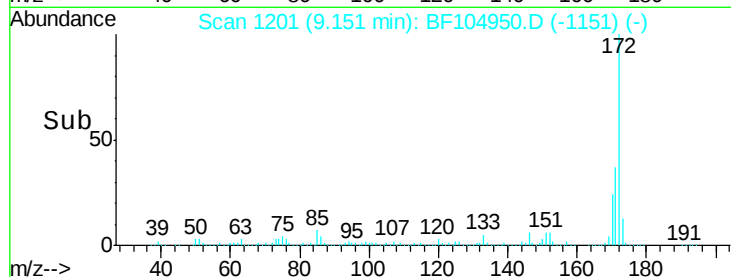
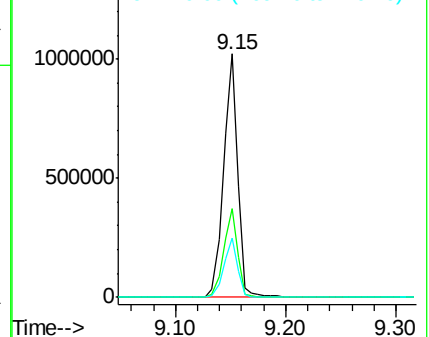
170 24.4 19.6 29.4



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: 6.674 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

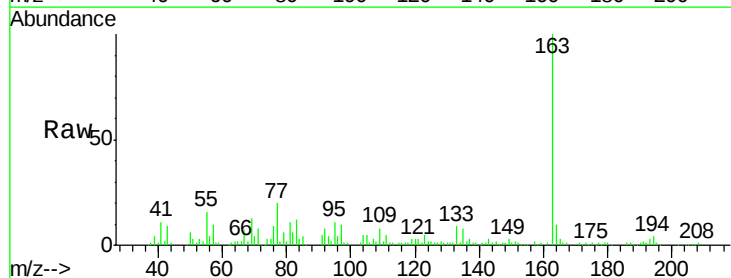
Tgt Ion:163 Resp: 94397

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

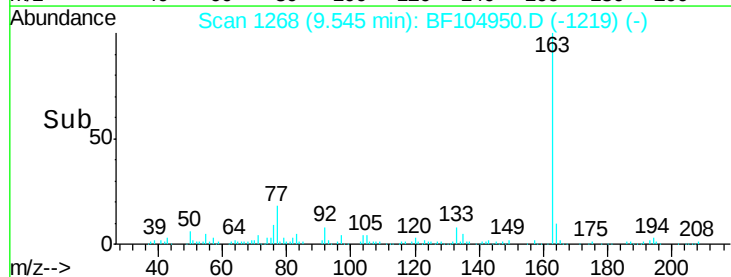
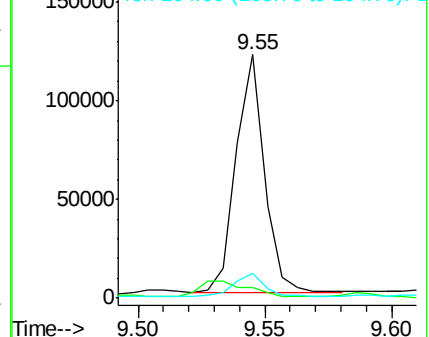
164 10.3 8.2 12.2

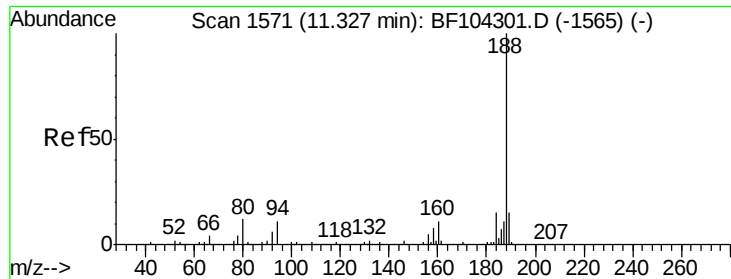


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampleId :

SB-01E

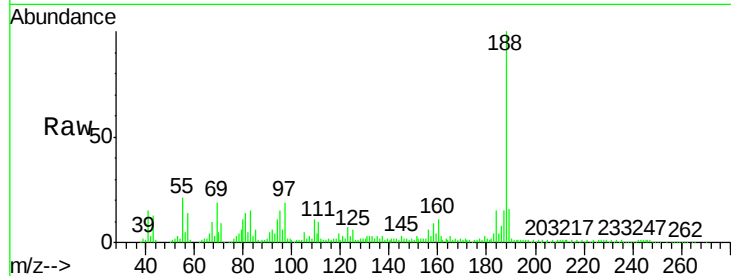
Tot Ion:188 Resp: 264039

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

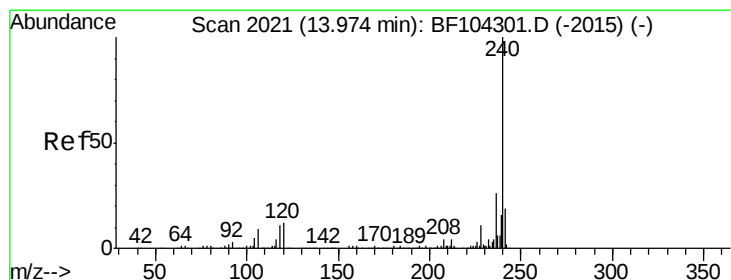
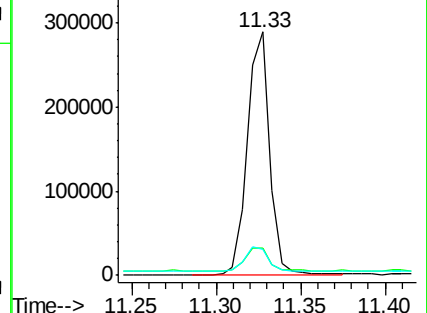
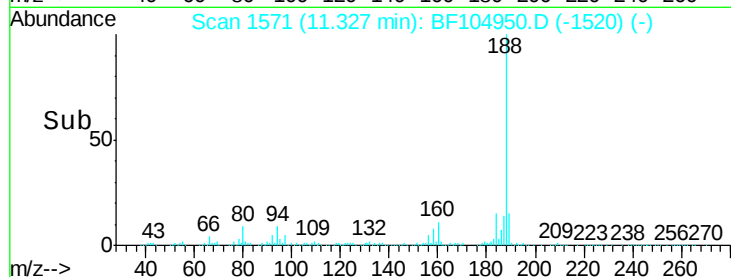
80 10.7 9.2 13.8



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: BF104950.D

Acq: 30 Apr 2018 23:01

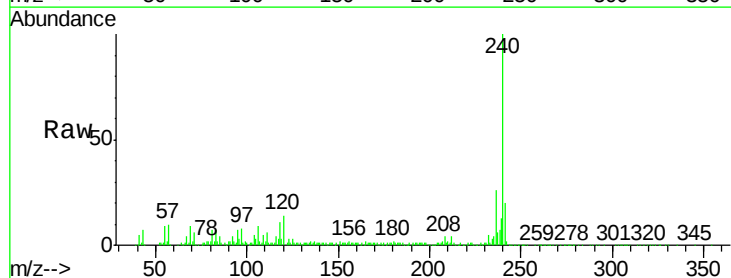
Tgt Ion:240 Resp: 204212

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

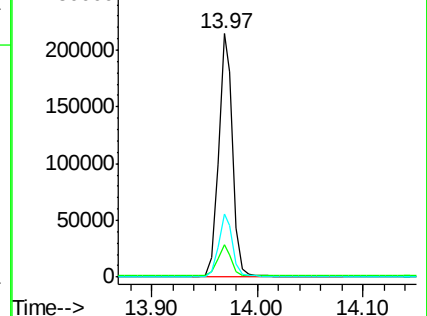
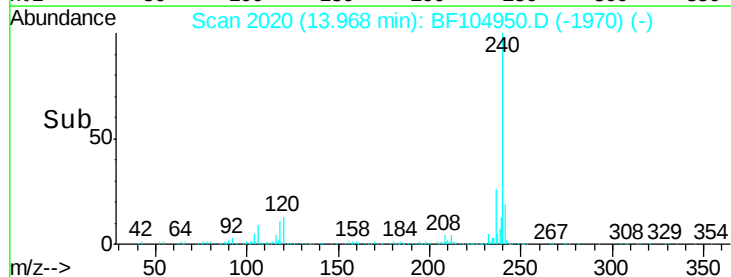
236 26.0 20.7 31.1

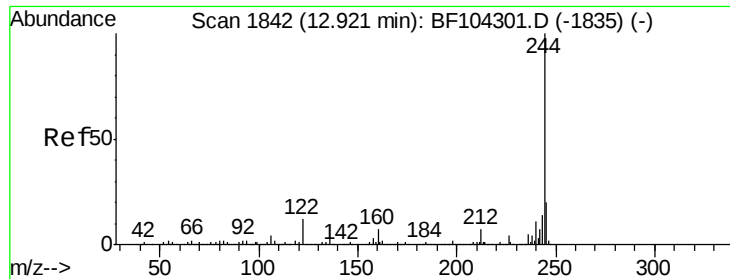


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

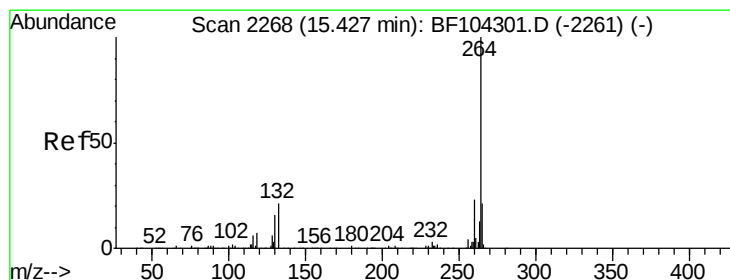
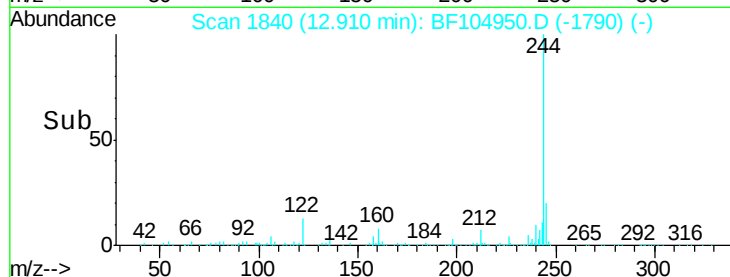
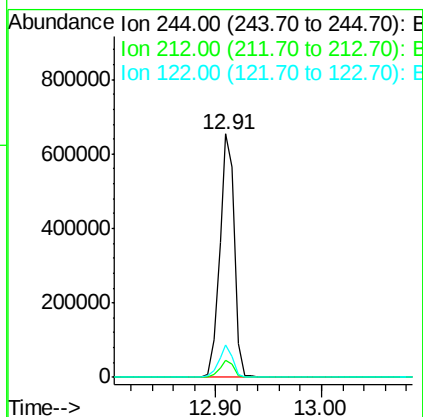
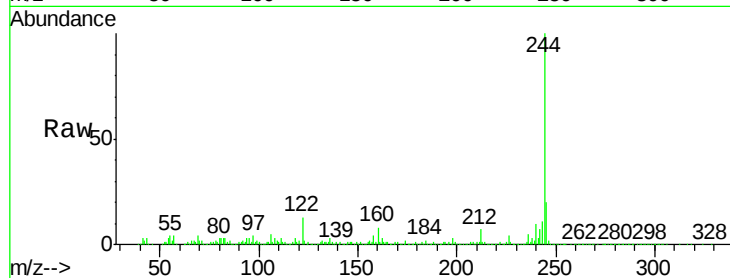




#78
 Terphenyl-d14
 Concen: 71.173 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-01E

Tot Ion:244 Resp: 637521
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

Tgt Ion:264 Resp: 176022
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.4 17.5 26.3

