

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088940.D
 Acq On : 13 Jul 2016 1:24
 Operator : UM/SJ
 Sample : H3935-27
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Quant Time: Jul 13 05:03:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

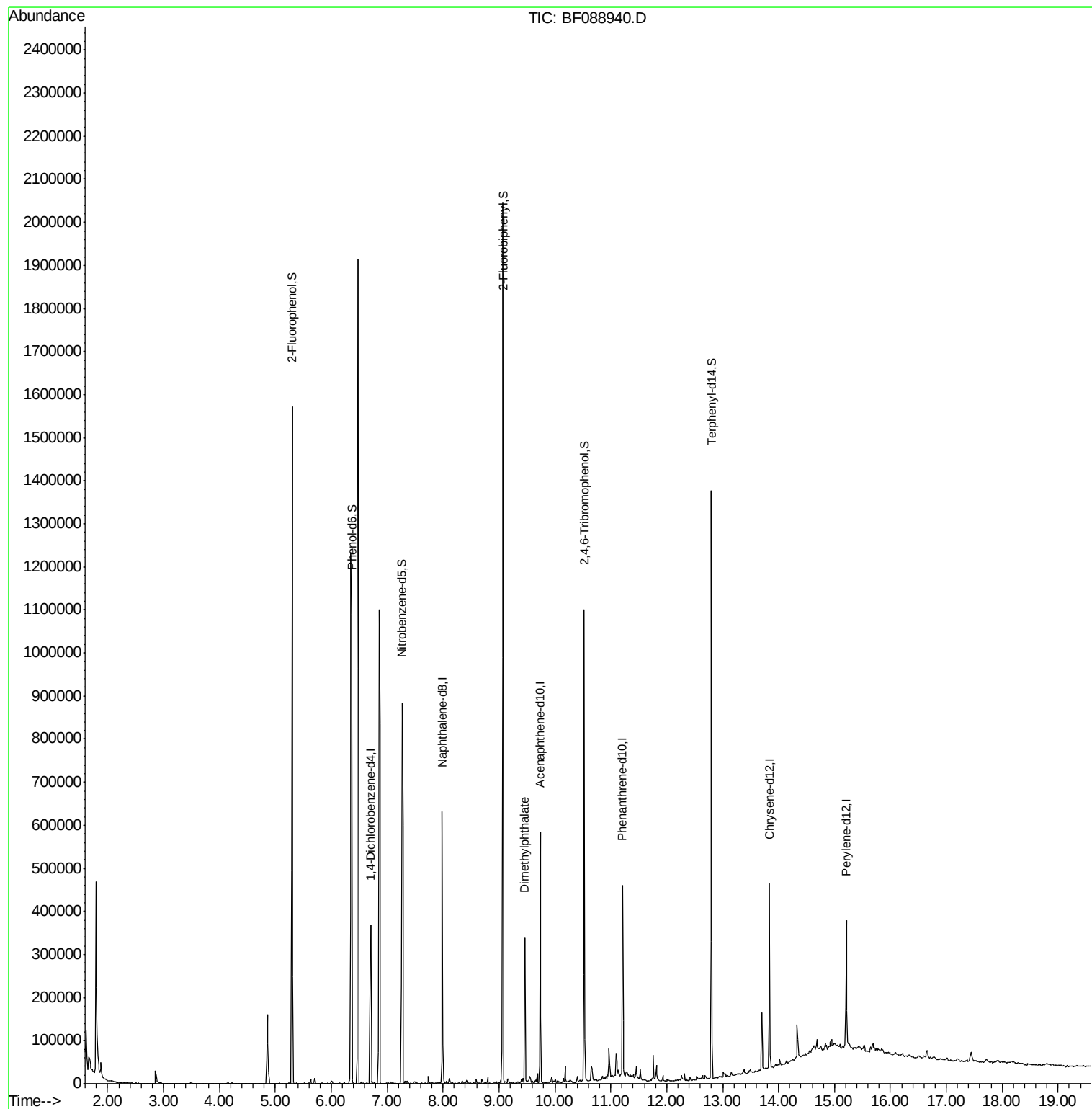
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	66150	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	251852	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	108636	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	156085	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	132871	20.00	ng	-0.01
86) Perylene-d12	15.21	264	115295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	454112	102.88	ng	0.01
7) Phenol-d6	6.36	99	698821	122.53	ng	0.01
23) Nitrobenzene-d5	7.27	82	415715	86.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	106210	105.28	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	714173	103.84	ng	0.00
78) Terphenyl-d14	12.80	244	376883	63.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	113312	14.64	ng	99

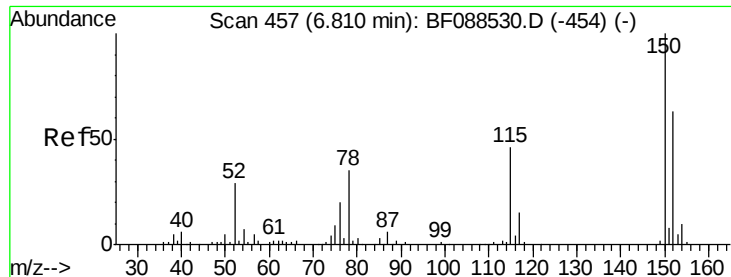
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

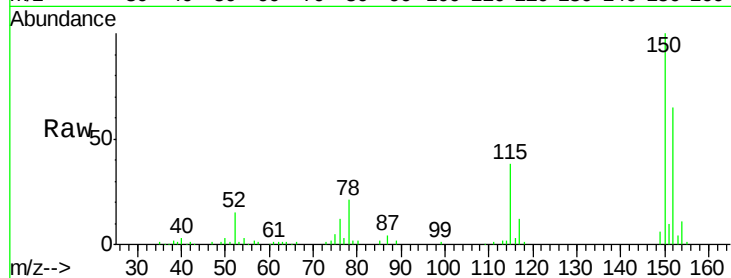
Tot Ion:152 Resp: 66150

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

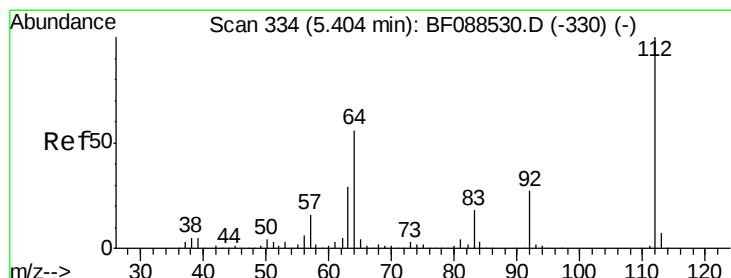
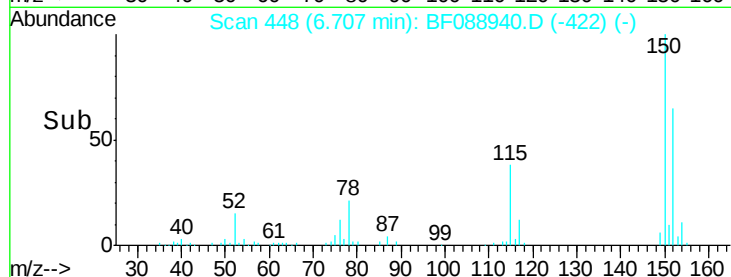
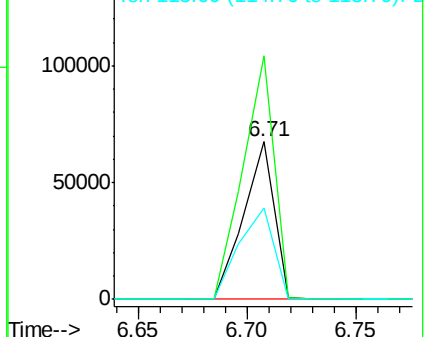
115 57.9 39.6 59.4



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: 102.88 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

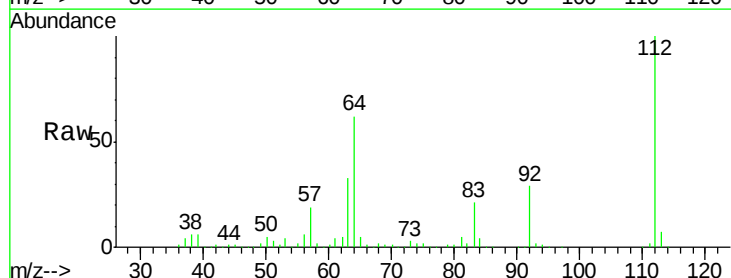
Tgt Ion:112 Resp: 454112

Ion Ratio Lower Upper

112 100

64 61.5 42.2 63.2

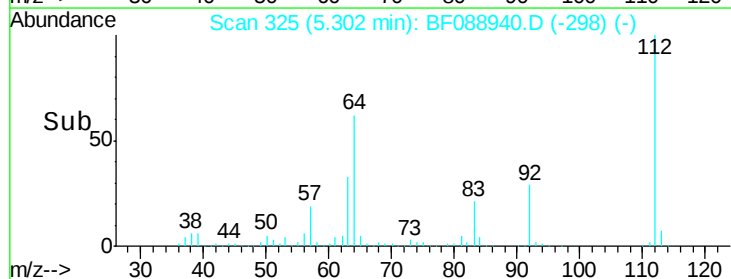
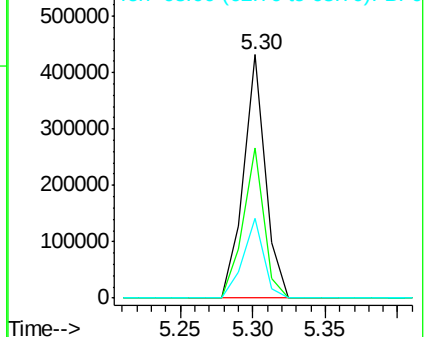
63 32.8 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.53 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

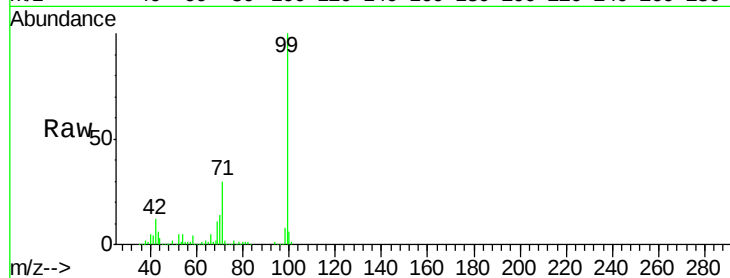
Tot Ion: 99 Resp: 698821

Ion Ratio Lower Upper

99 100

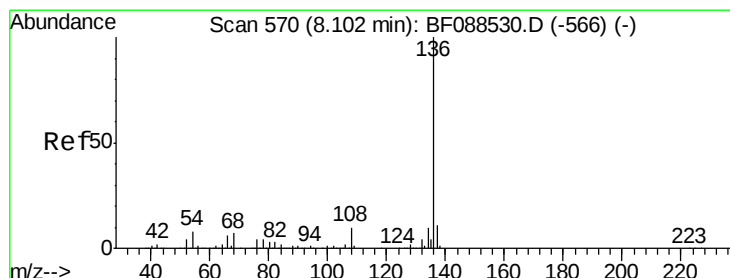
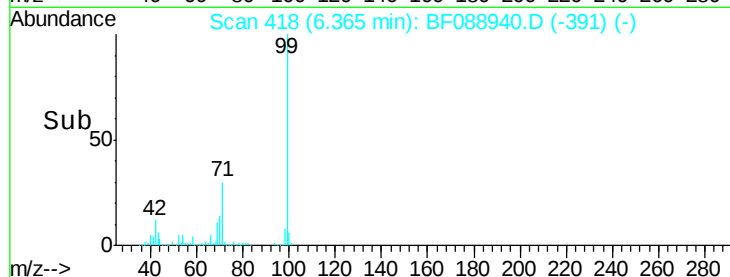
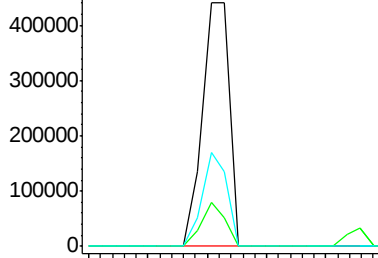
42 11.6 12.2 18.2#

71 30.4 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.36



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Tgt Ion: 136 Resp: 251852

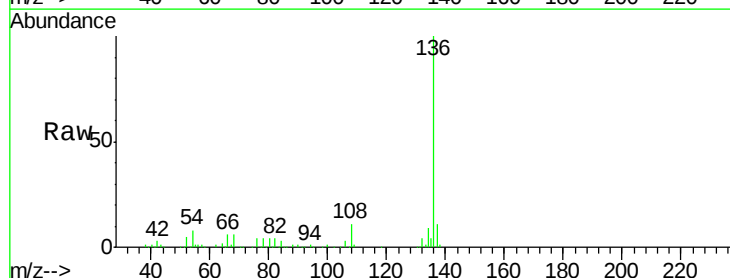
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

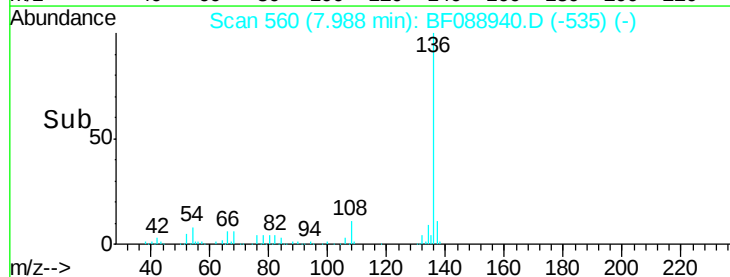
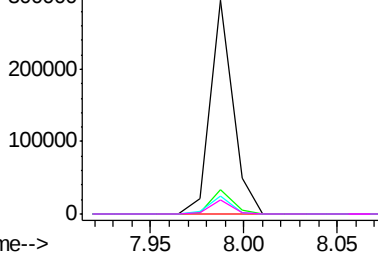
54 8.3 6.6 10.0

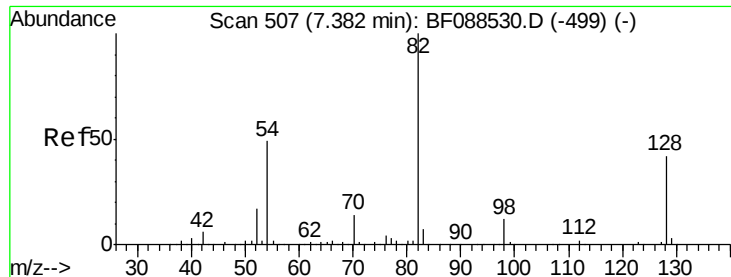
68 6.5 5.1 7.7



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

7.99





#23

Nitrobenzene-d5

Concen: 86.50 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

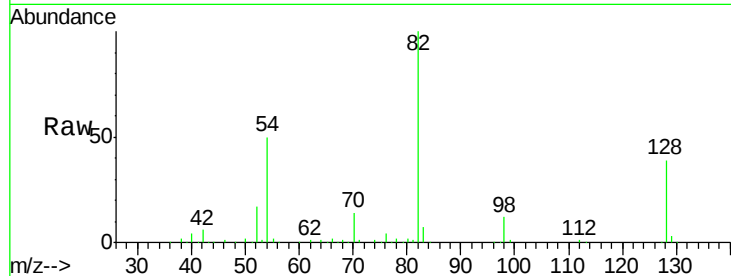
Tot Ion: 82 Resp: 415715

Ion Ratio Lower Upper

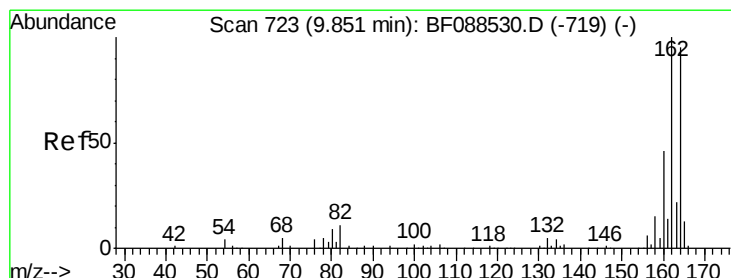
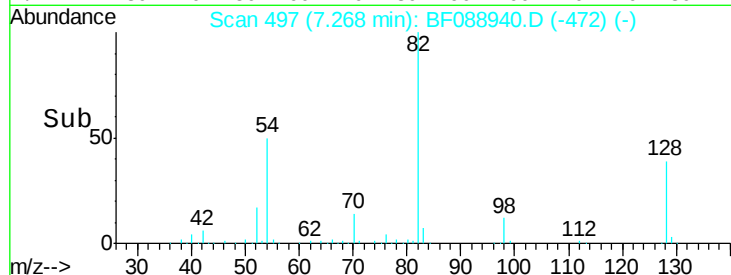
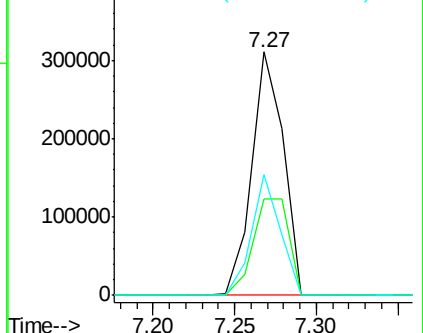
82 100

128 39.5 35.9 53.9

54 49.7 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

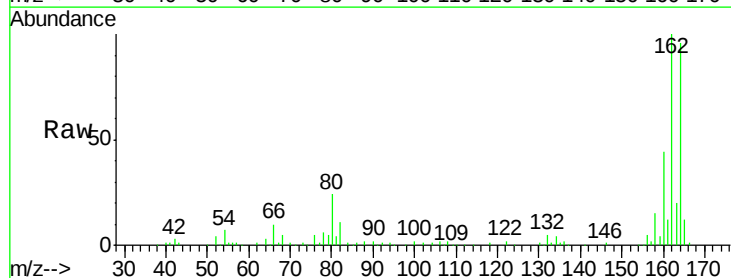
Tgt Ion: 164 Resp: 108636

Ion Ratio Lower Upper

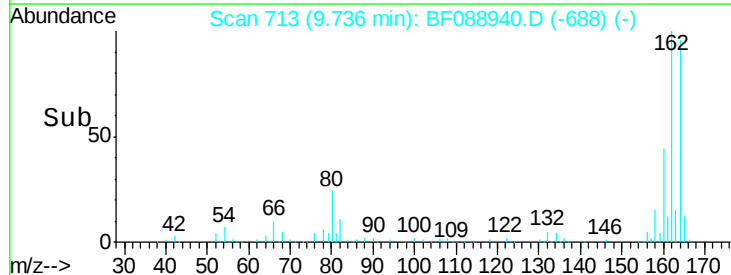
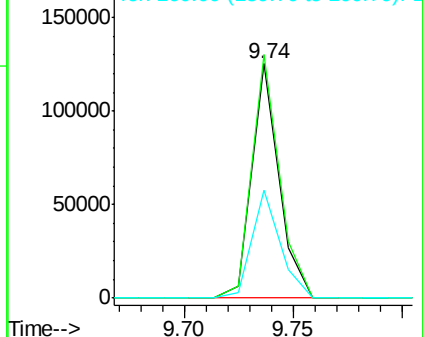
164 100

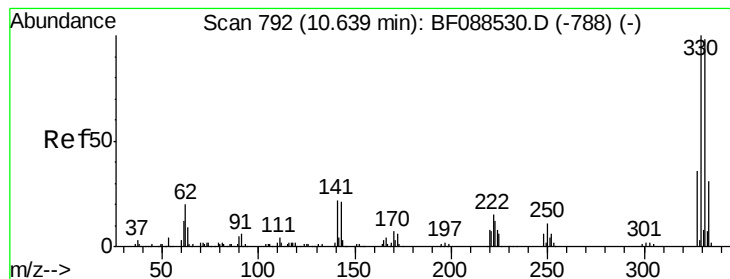
162 103.9 85.4 128.2

160 46.2 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

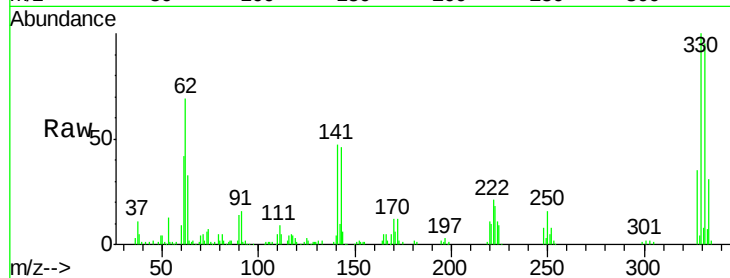




#41
 2,4,6-Tribromophenol
 Concen: 105.28 ng
 RT: 10.53 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	46.6	0.0	0.0#

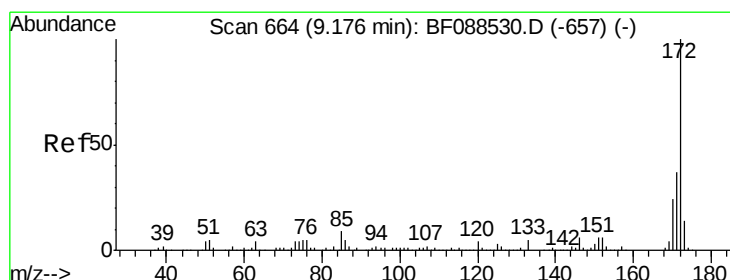
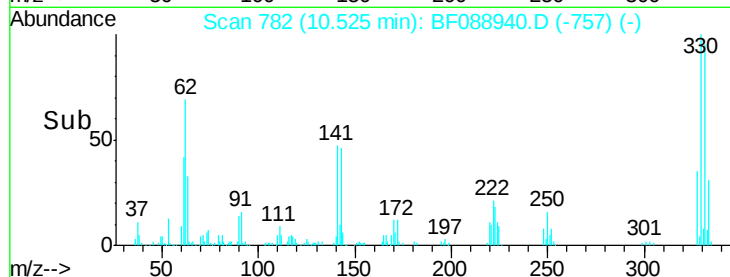
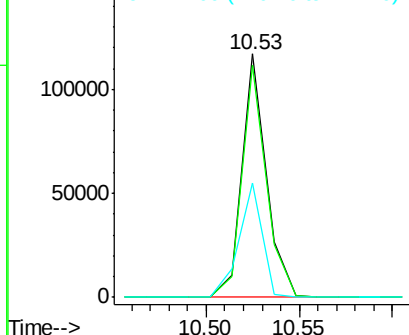


Abundance

Ion 329.80 (329.50 to 330.50): E

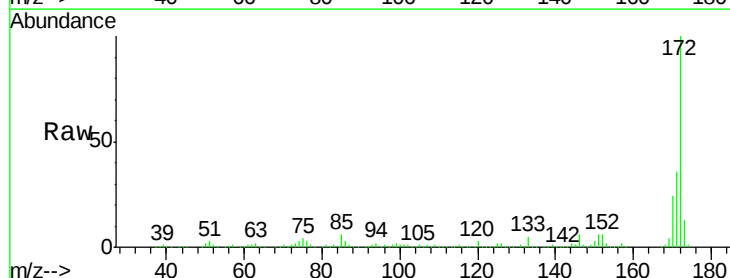
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.84 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088940.D
 Acq: 13 Jul 2016 1:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.2	28.8

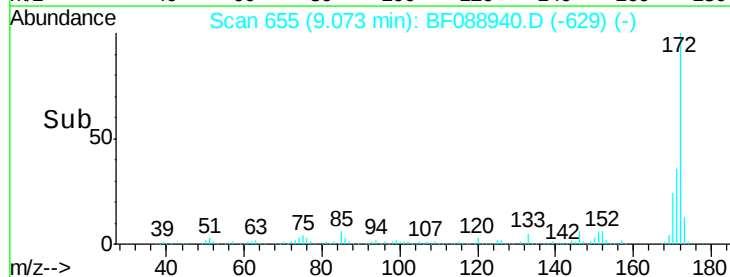
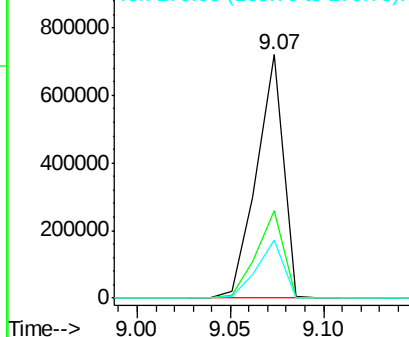


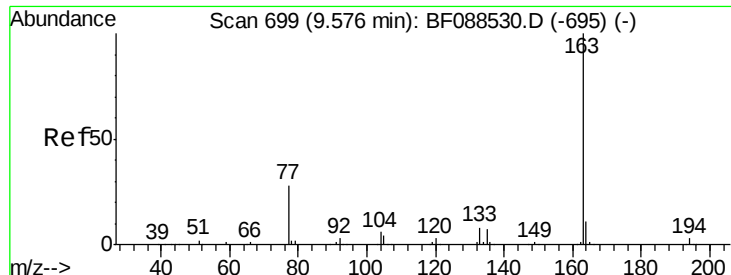
Abundance

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: 14.64 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

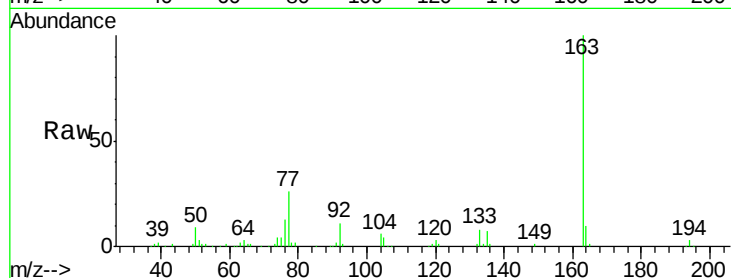
Tot Ion:163 Resp: 113312

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

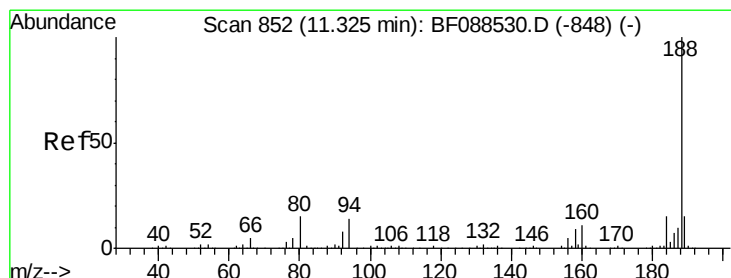
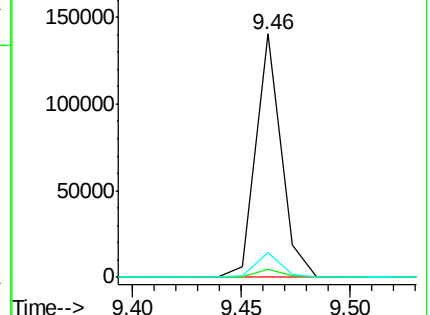
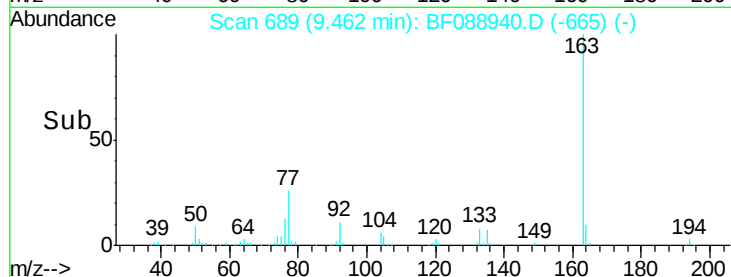
164 10.0 8.3 12.5



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: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

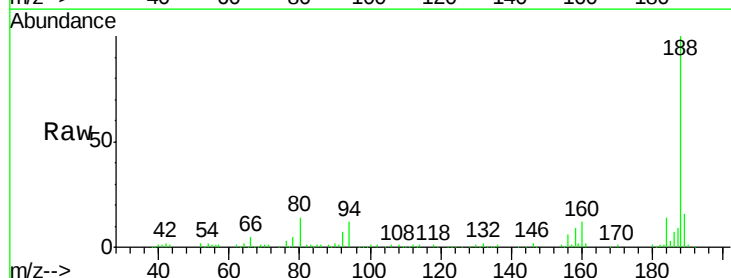
Tgt Ion:188 Resp: 156085

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.6

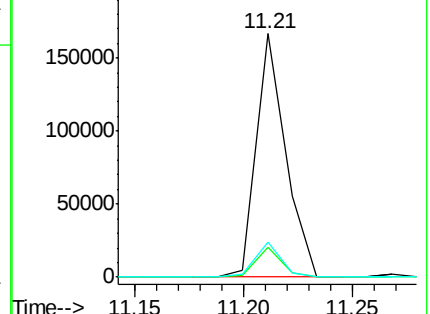
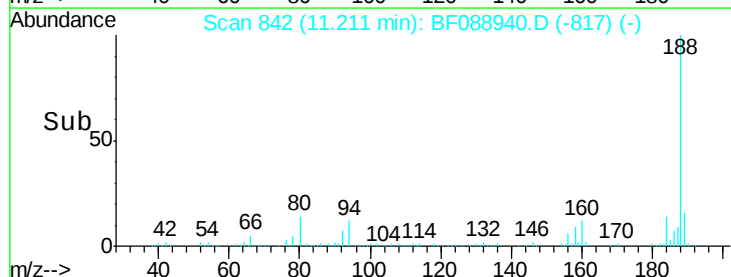
80 14.2 10.0 15.0

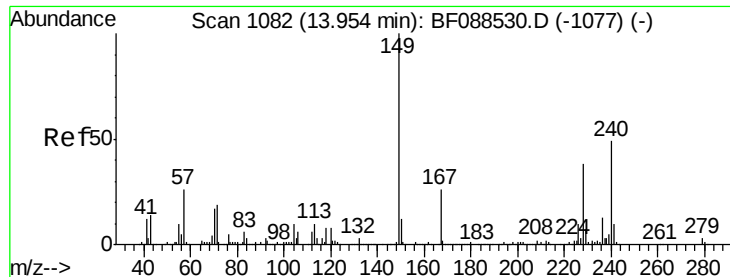


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

Instrument :

BNA_F

ClientSampleId :

C3-01

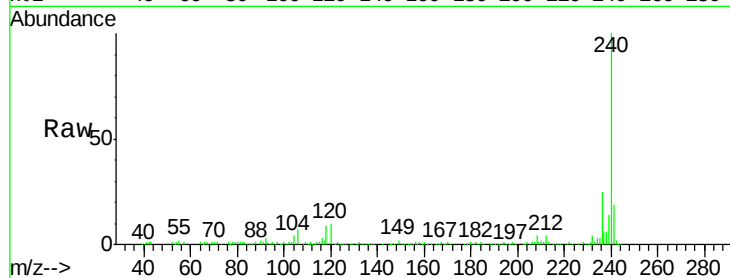
Tot Ion:240 Resp: 132871

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

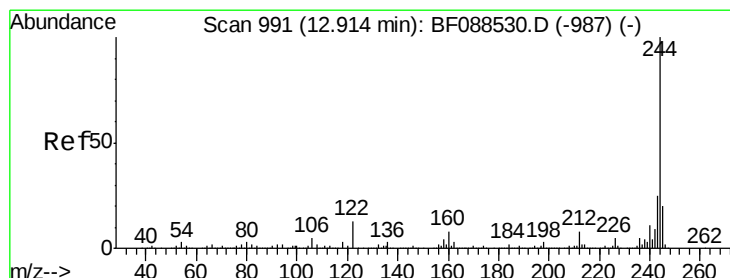
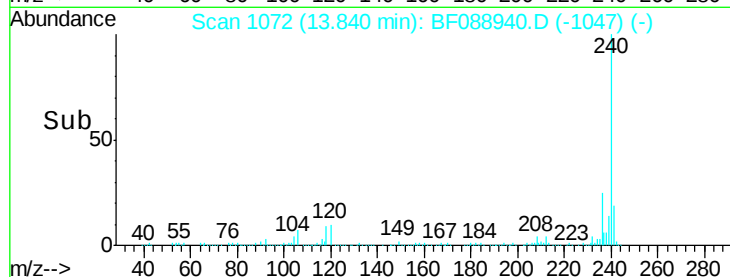
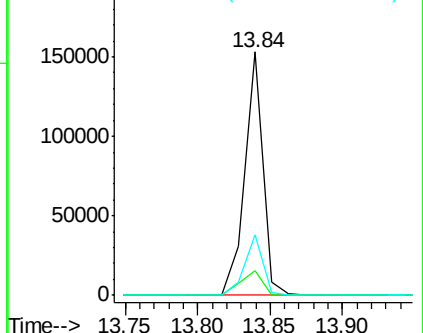
236 25.0 20.2 30.2



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: 63.18 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088940.D

Acq: 13 Jul 2016 1:24

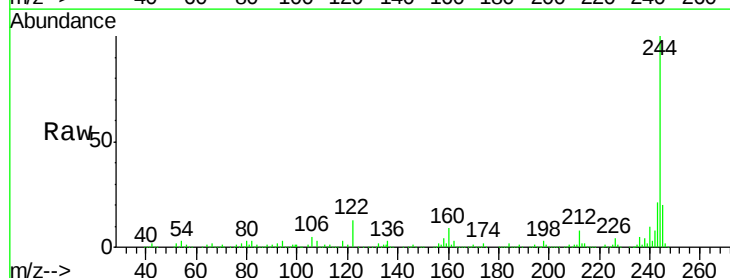
Tgt Ion:244 Resp: 376883

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

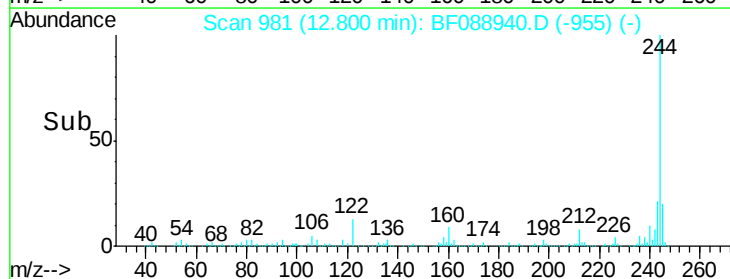
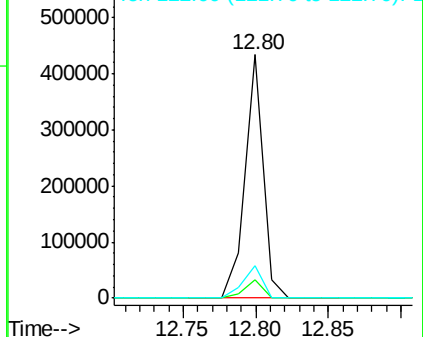
122 13.4 11.2 16.8

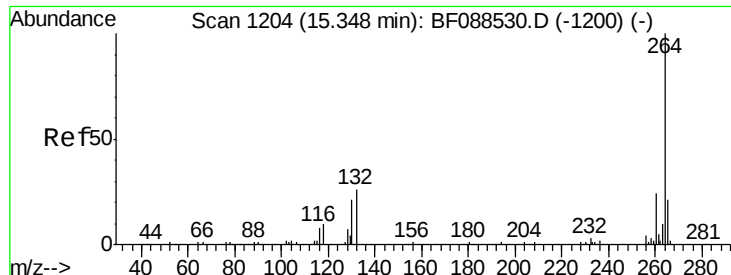


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

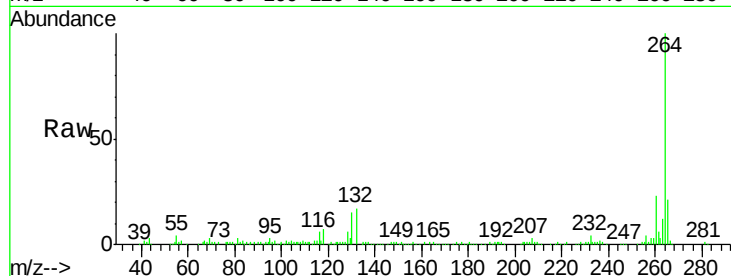




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088940.D
Acq: 13 Jul 2016 1:24

Instrument :
BNA_F
ClientSampleId :
C3-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	16.9	25.3



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

