

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088868.D
 Acq On : 9 Jul 2016 13:44
 Operator : UM/SJ
 Sample : H3813-27
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW003-01

Quant Time: Jul 11 05:31:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

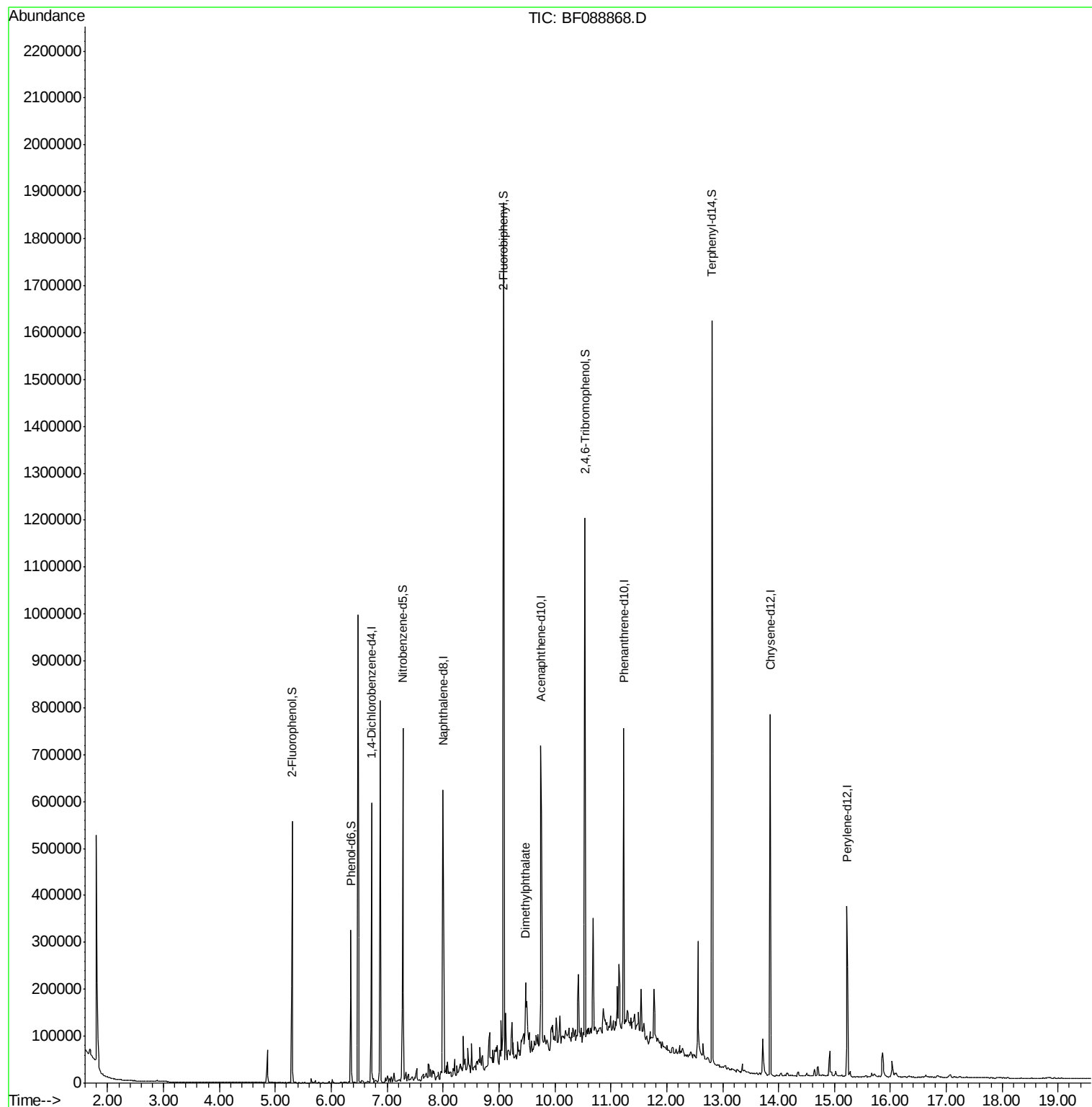
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	81294	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	305977	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	151128	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	316860	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	231295	20.00	ng	-0.02
86) Perylene-d12	15.22	264	169080	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	160801	29.64	ng	-0.02
7) Phenol-d6	6.35	99	136047	19.41	ng	-0.02
23) Nitrobenzene-d5	7.28	82	263079	45.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	112236	79.98	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	603701	63.10	ng	-0.01
78) Terphenyl-d14	12.81	244	541665	52.16	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	47190	4.38	ng	99

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

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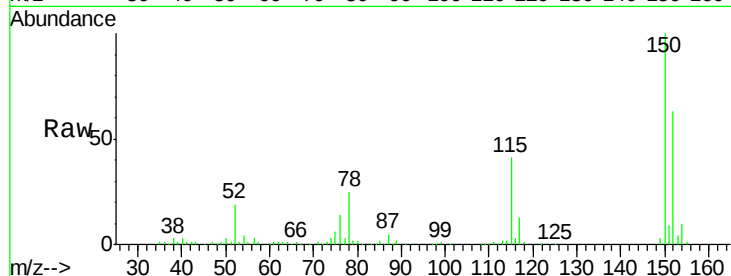


#1

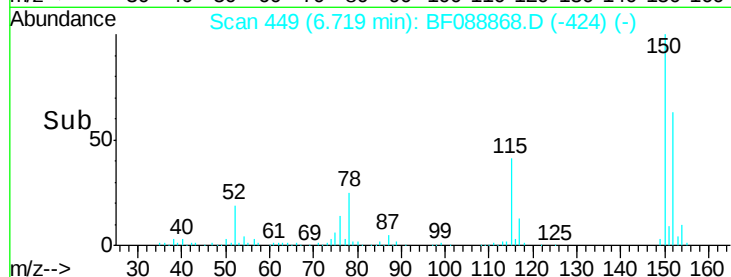
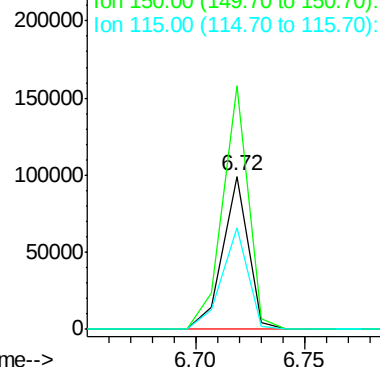
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088868.D
Acq: 9 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
P001-WW003-01

Tot Ion:152 Resp: 81294
Ion Ratio Lower Upper
152 100
150 159.4 123.8 185.6
115 66.2 39.6 59.4#



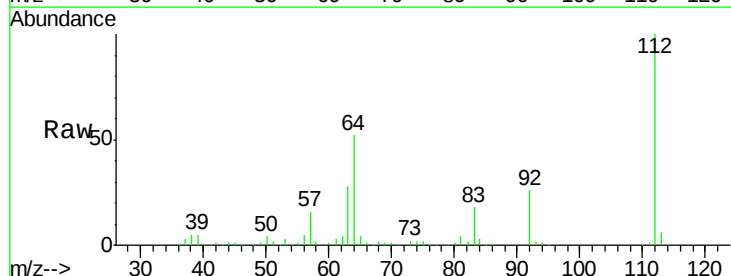
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



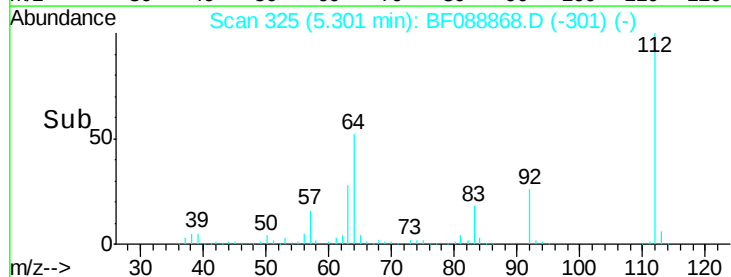
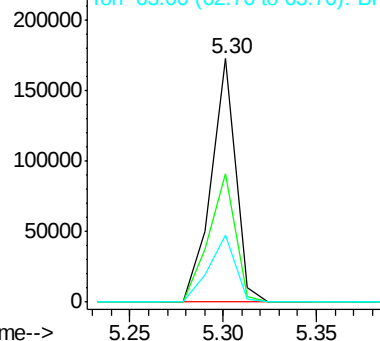
#5

2-Fluorophenol
Concen: 29.64 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088868.D
Acq: 9 Jul 2016 13:44

Tgt Ion:112 Resp: 160801
Ion Ratio Lower Upper
112 100
64 52.5 42.2 63.2
63 27.6 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: 19.41 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

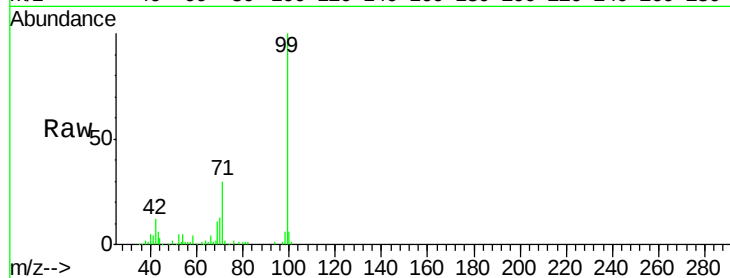
Tot Ion: 99 Resp: 136047

Ion Ratio Lower Upper

99 100

42 11.9 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

150000

100000

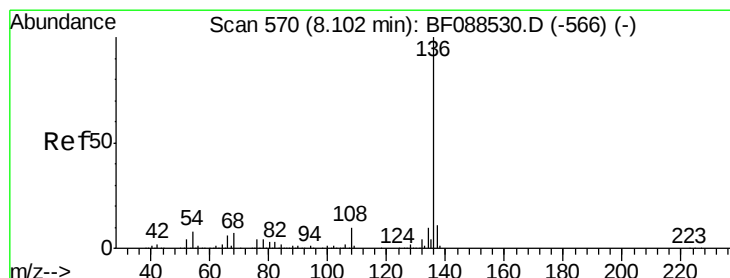
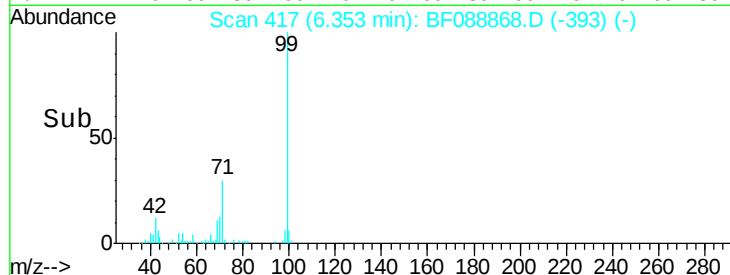
50000

0

6.35

6.30 6.35 6.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Tgt Ion: 136 Resp: 305977

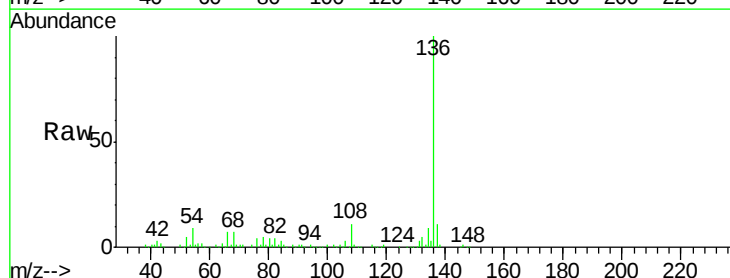
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.1 6.6 10.0

68 7.4 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

400000

300000

200000

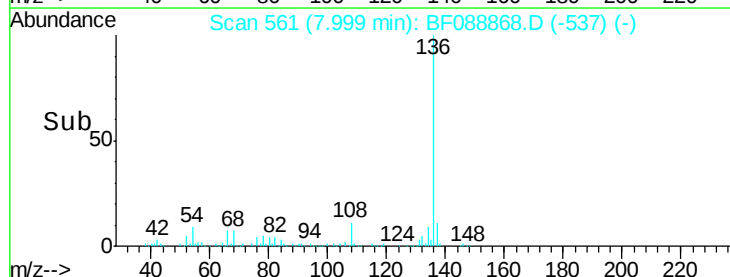
100000

0

8.00

7.95 8.00 8.05

Time-->

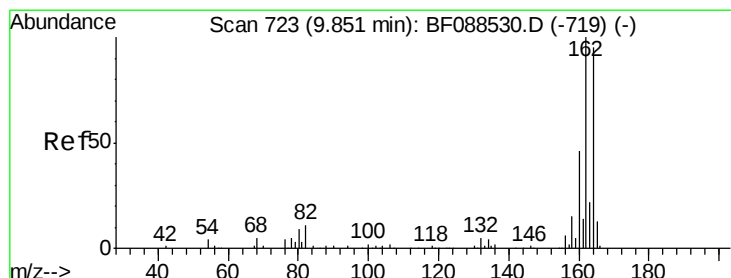
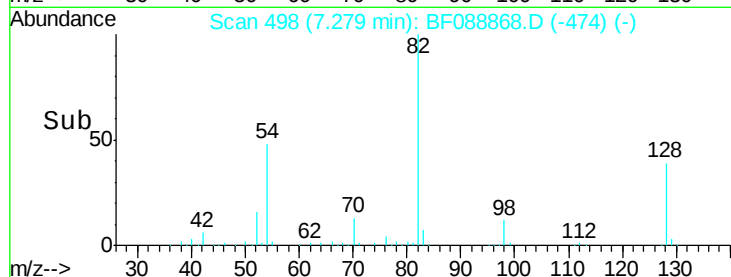
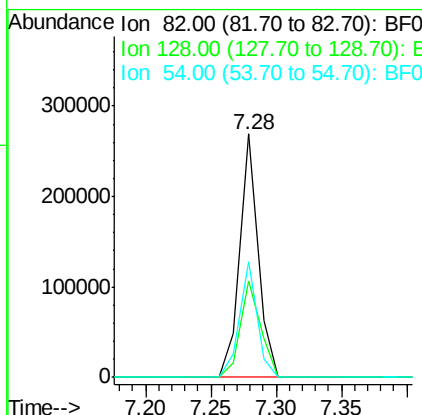
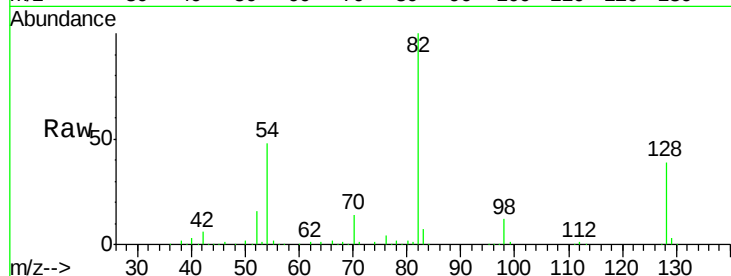




#23
Nitrobenzene-d5
Concen: 45.06 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088868.D
Acq: 9 Jul 2016 13:44

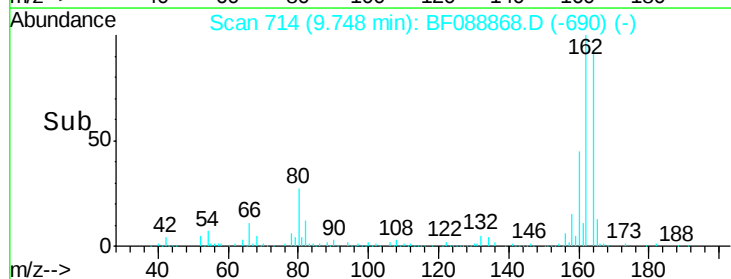
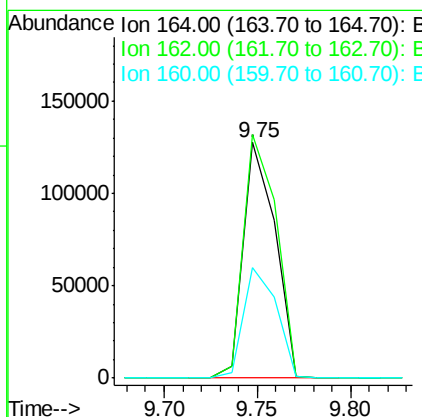
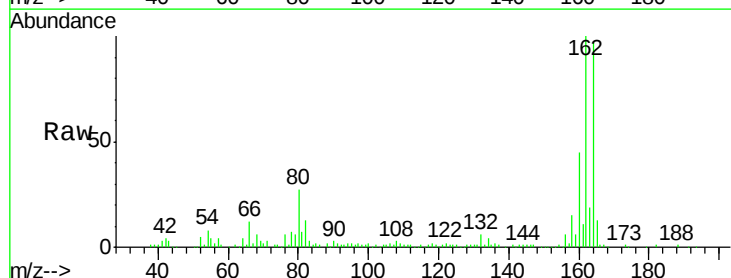
Instrument :
BNA_F
ClientSampleId :
P001-WW003-01

Tot Ion: 82 Resp: 263079
Ion Ratio Lower Upper
82 100
128 39.4 35.9 53.9
54 47.5 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088868.D
Acq: 9 Jul 2016 13:44

Tgt Ion:164 Resp: 151128
Ion Ratio Lower Upper
164 100
162 103.3 85.4 128.2
160 46.7 39.5 59.3

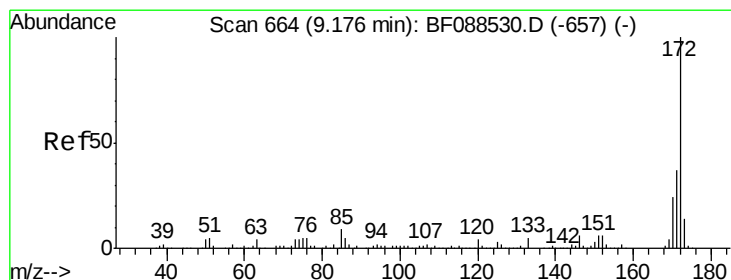
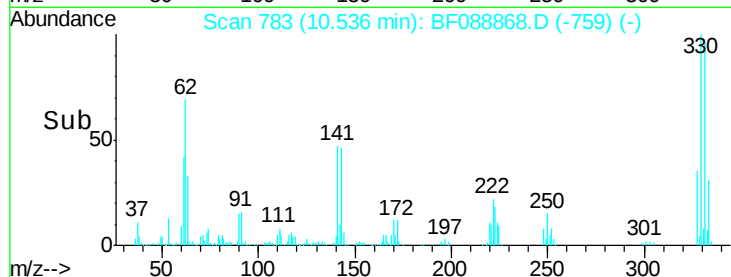
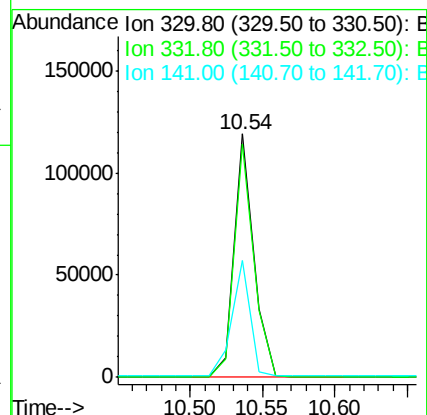
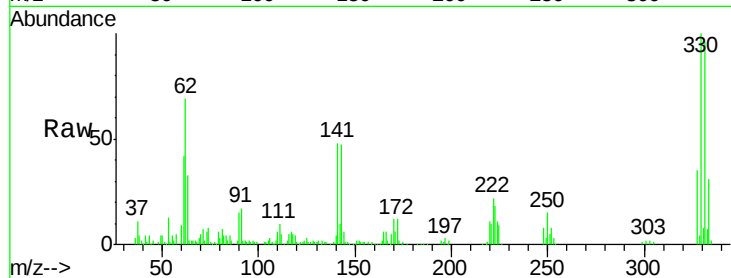




#41
 2,4,6-Tribromophenol
 Concen: 79.98 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088868.D
 Acq: 9 Jul 2016 13:44

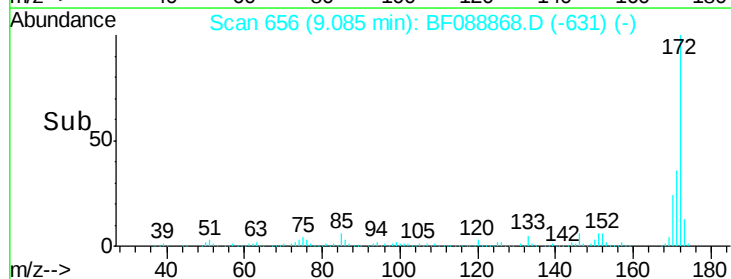
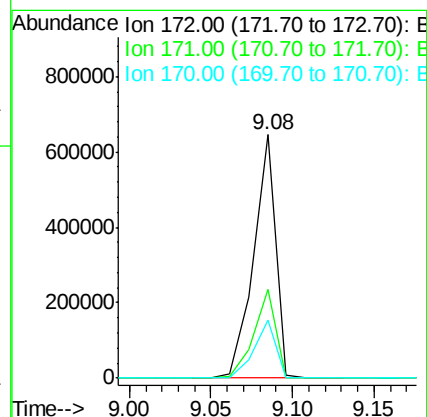
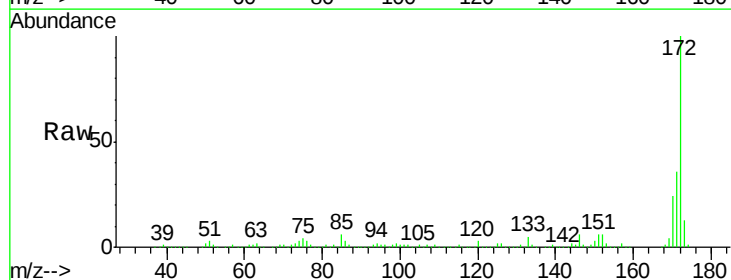
Instrument :
 BNA_F
 ClientSampleId :
 P001-WW003-01

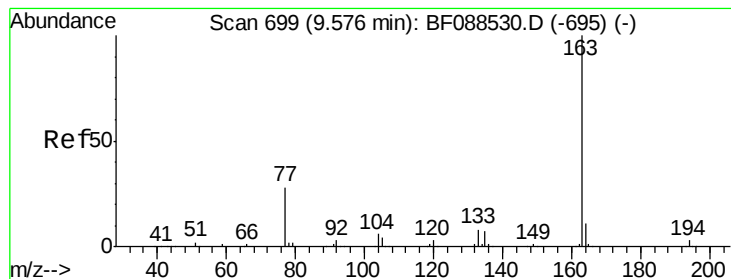
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	45.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 63.10 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088868.D
 Acq: 9 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8





#49

Dimethylphthalate

Concen: 4.38 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

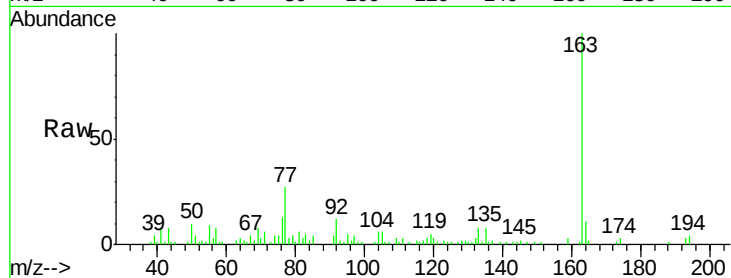
Tot Ion:163 Resp: 47190

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

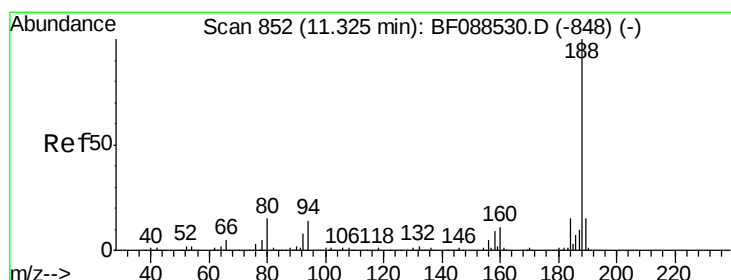
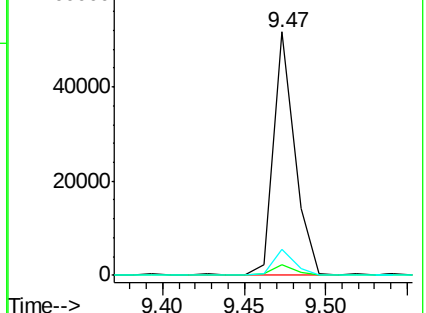
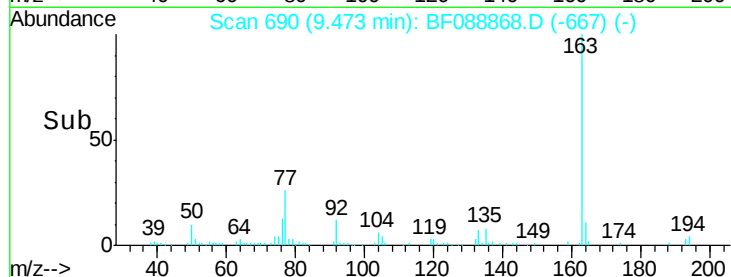
164 10.9 8.3 12.5



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: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

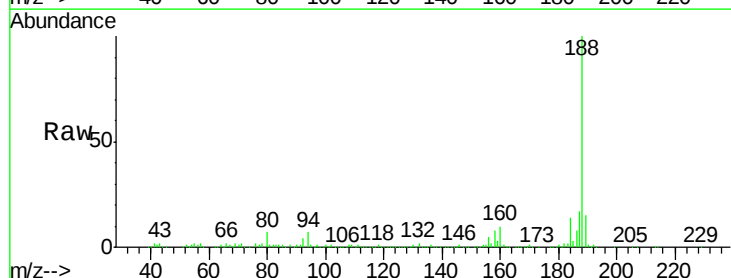
Tgt Ion:188 Resp: 316860

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.6#

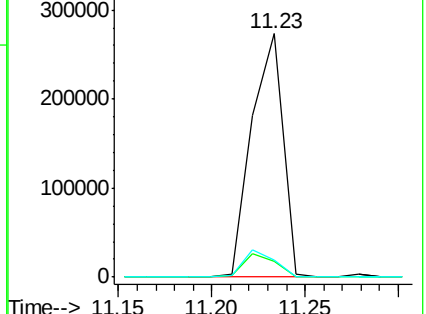
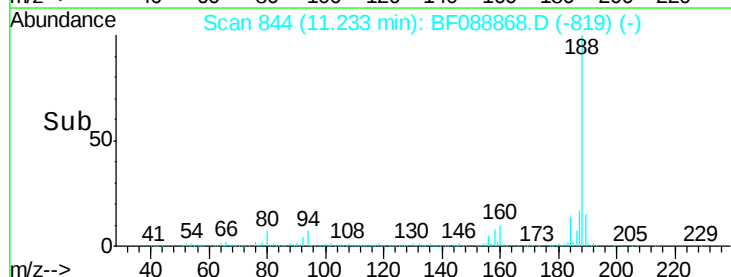
80 7.1 10.0 15.0#



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: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

P001-WW003-01

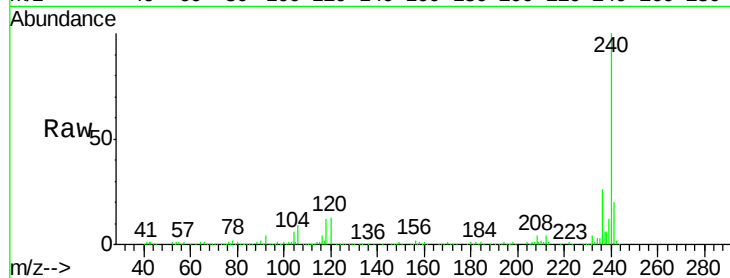
Tot Ion:240 Resp: 231295

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

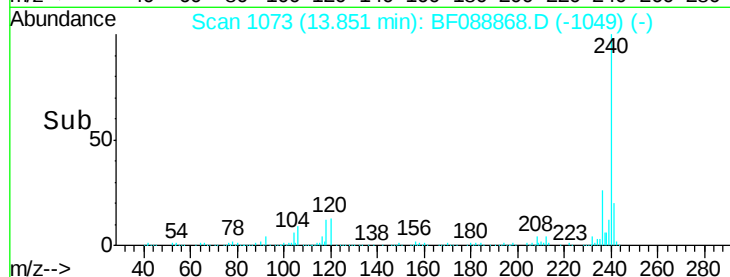
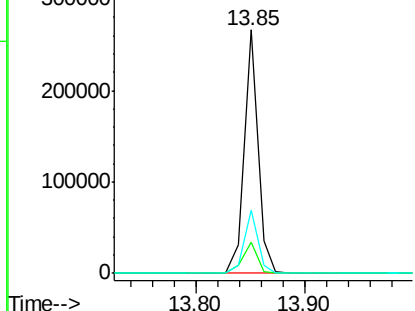
236 26.1 20.2 30.2



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: 52.16 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088868.D

Acq: 9 Jul 2016 13:44

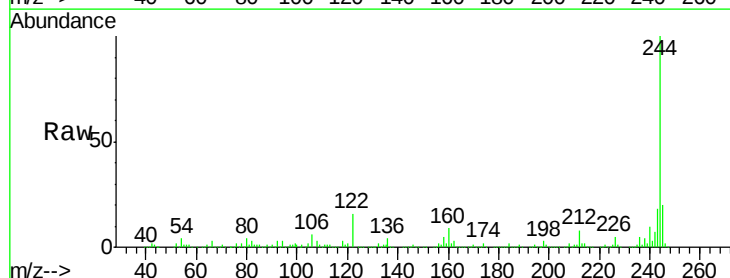
Tgt Ion:244 Resp: 541665

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

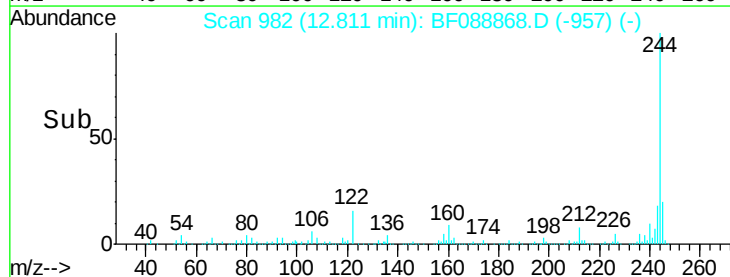
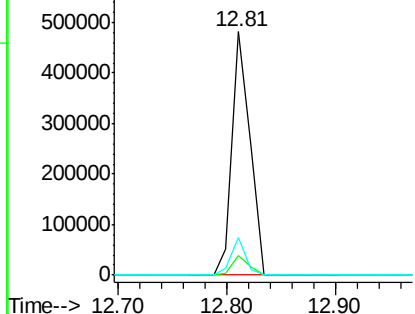
122 15.6 11.2 16.8

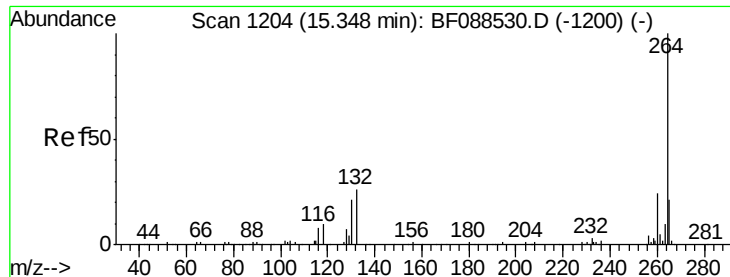


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

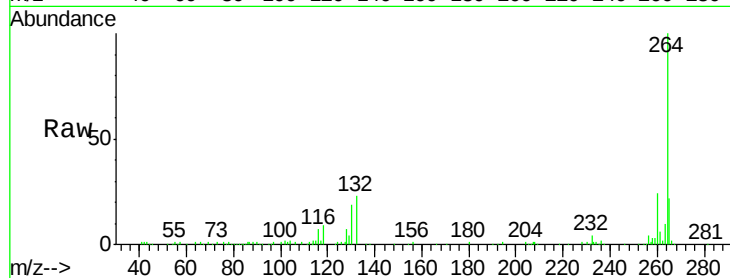




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088868.D
 Acq: 9 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW003-01

Tot Ion: 264 Resp: 169080
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 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

