

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088557.D
 Acq On : 1 Jul 2016 4:42
 Operator : UM/SJ
 Sample : H3630-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP04W-1224

Quant Time: Jul 01 06:39:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

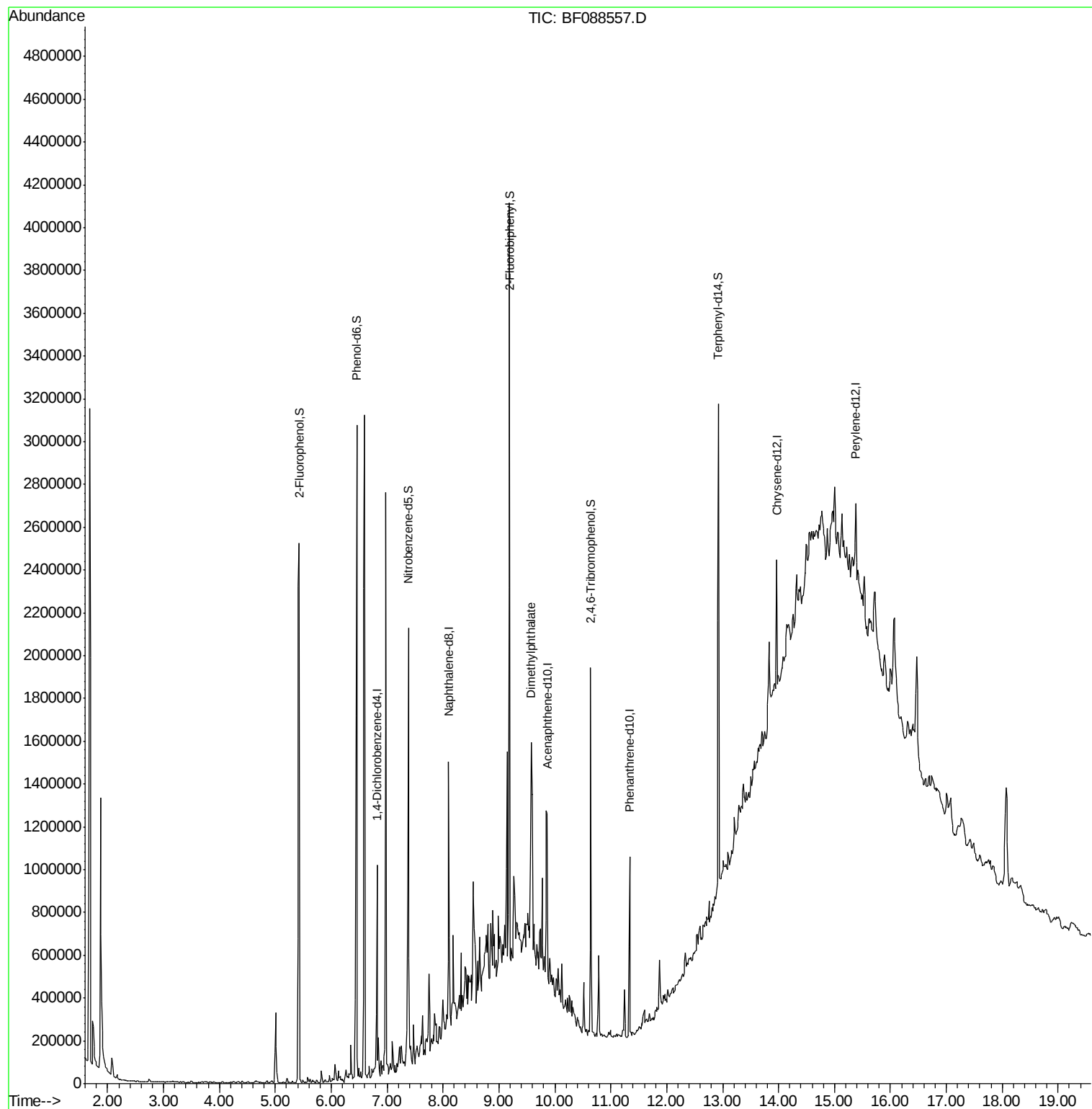
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	138266	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	493092	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	197437	20.00	ng	0.01
63) Phenanthrene-d10	11.34	188	350226	20.00	ng	0.01
75) Chrysene-d12	13.97	240	232462	20.00	ng	0.01
86) Perylene-d12	15.38	264	209325	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1088840	118.02	ng	0.02
7) Phenol-d6	6.46	99	1266158	106.21	ng	0.01
23) Nitrobenzene-d5	7.38	82	781643	83.07	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	196334	107.09	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1239450	99.16	ng	0.01
78) Terphenyl-d14	12.92	244	835652	80.07	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.58	163	246719	17.54	ng	Qvalue # 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

Instrument :

BNA_F

ClientSampleId :

B1409-TP04W-1224

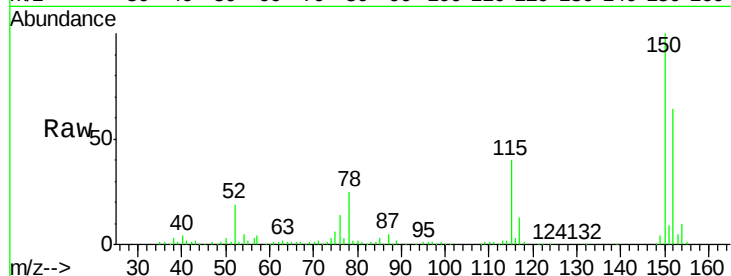
Tot Ion:152 Resp: 138266

Ion Ratio Lower Upper

152 100

150 155.6 123.8 185.6

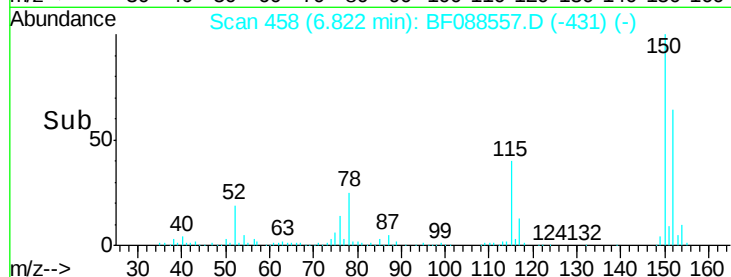
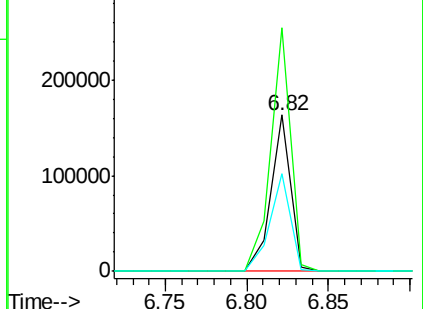
115 62.4 39.6 59.4#



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: 118.02 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

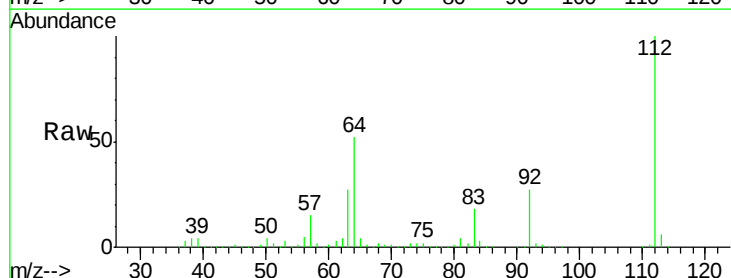
Tgt Ion:112 Resp: 1088840

Ion Ratio Lower Upper

112 100

64 51.7 42.2 63.2

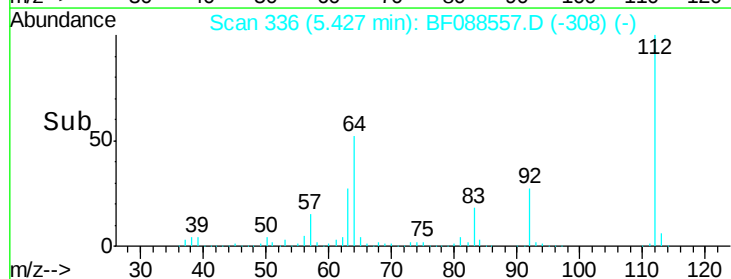
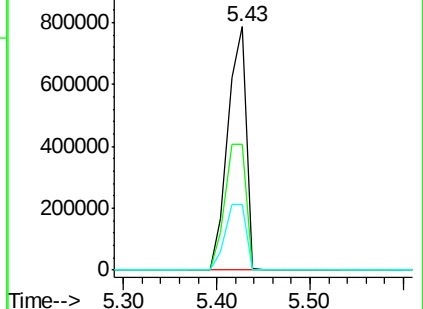
63 27.2 21.8 32.8



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: 106.21 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

Instrument :

BNA_F

ClientSampleId :

B1409-TP04W-1224

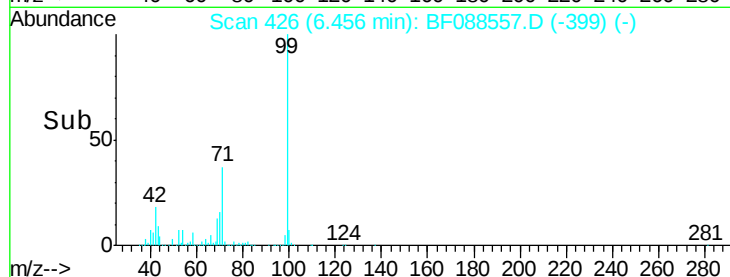
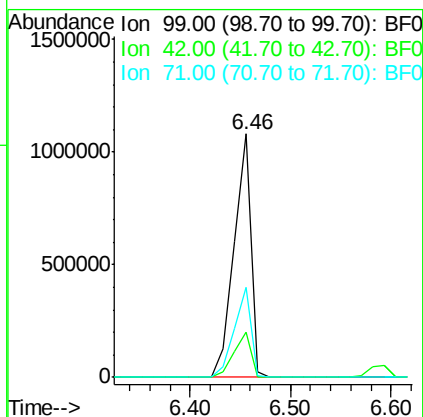
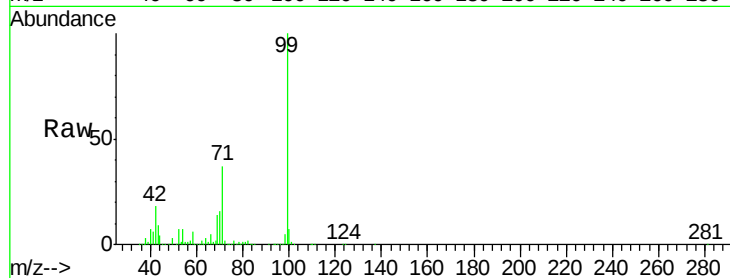
Tot Ion: 99 Resp: 1266158

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

71 37.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

Tgt Ion: 136 Resp: 493092

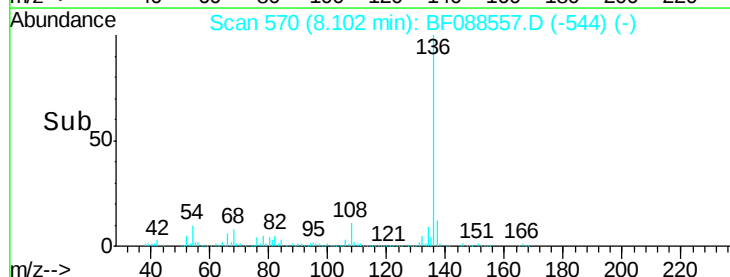
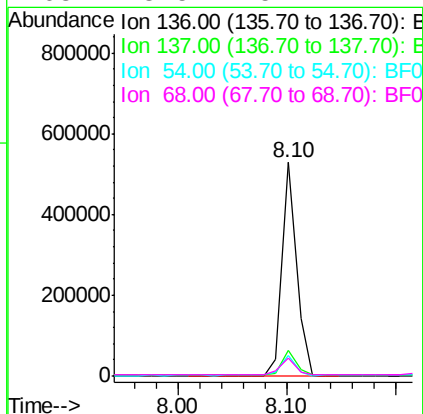
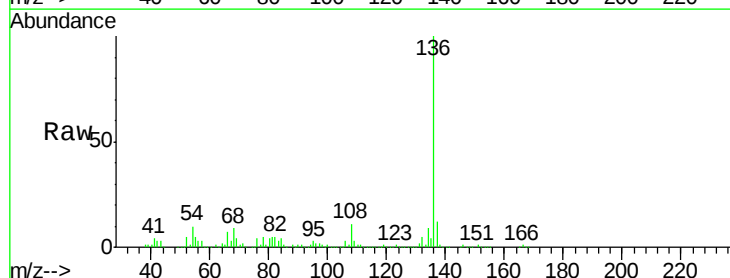
Ion Ratio Lower Upper

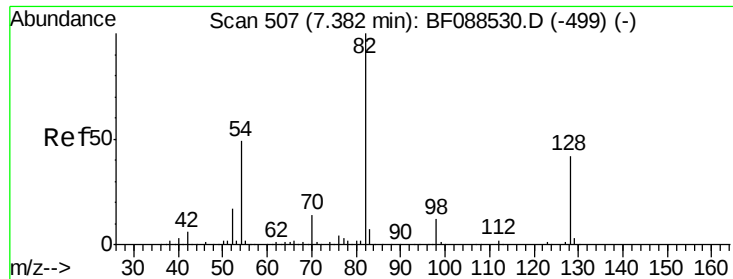
136 100

137 11.8 9.1 13.7

54 9.9 6.6 10.0

68 8.5 5.1 7.7#

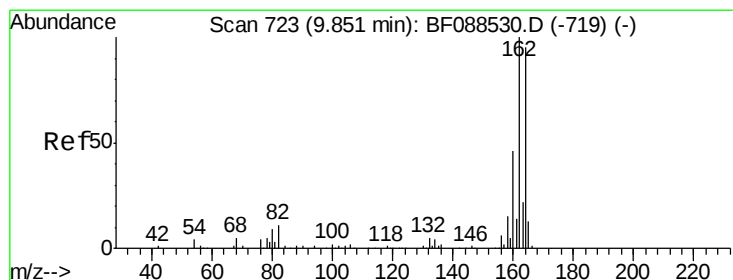
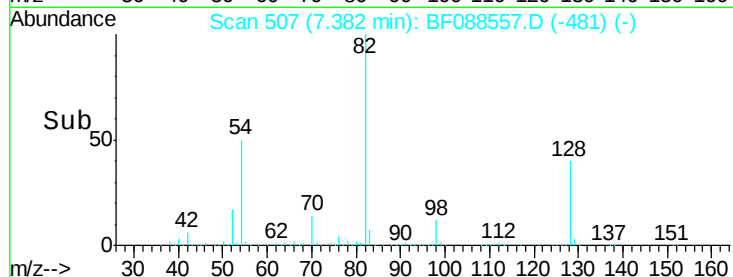
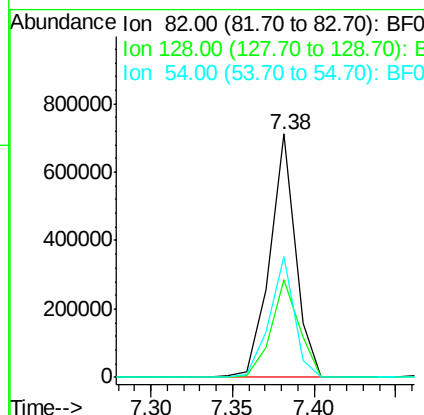
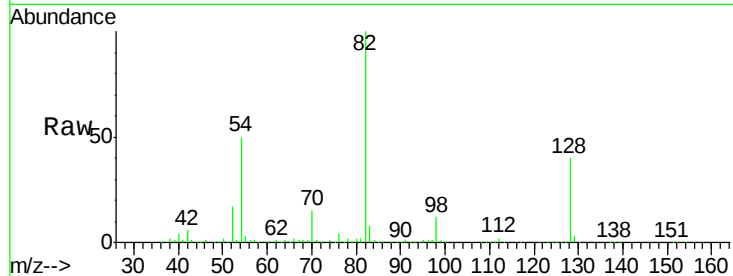




#23
Nitrobenzene-d5
Concen: 83.07 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF088557.D
Acq: 1 Jul 2016 4:42

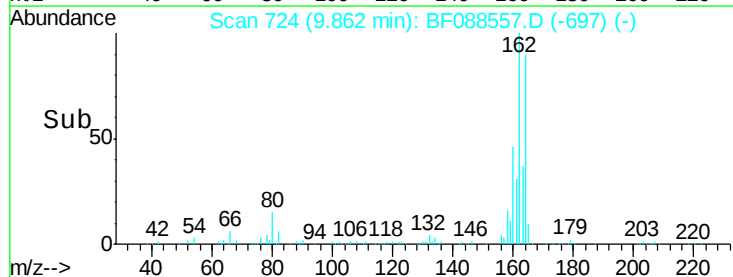
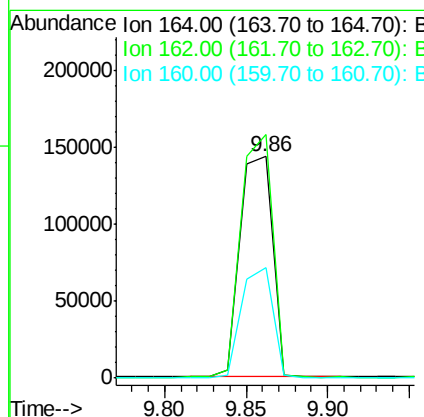
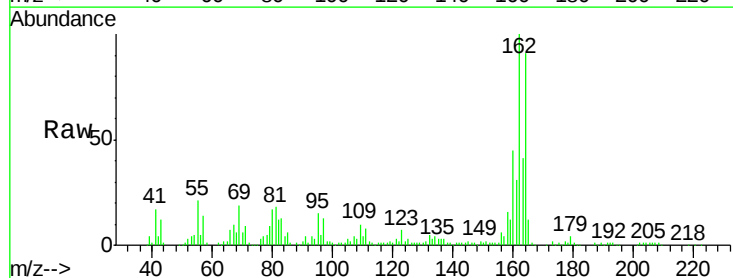
Instrument :
BNA_F
ClientSampleId :
B1409-TP04W-1224

Tot Ion	82	Resp	781643
Ion Ratio	Lower	Upper	
82	100		
128	40.1	35.9	53.9
54	49.6	40.9	61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF088557.D
Acq: 1 Jul 2016 4:42

Tgt Ion	164	Resp	197437
Ion Ratio	Lower	Upper	
164	100		
162	109.8	85.4	128.2
160	49.9	39.5	59.3

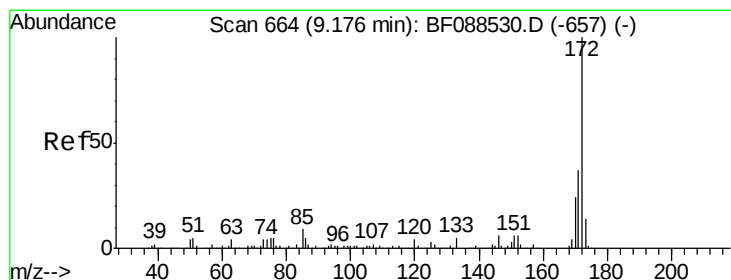
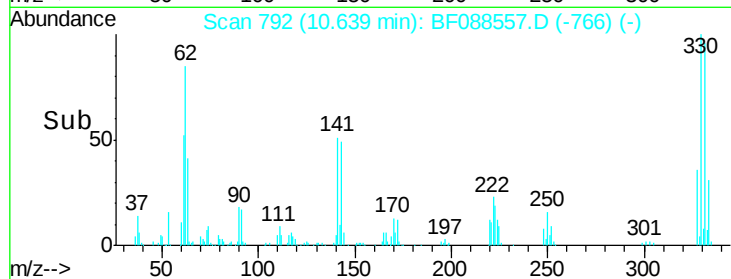
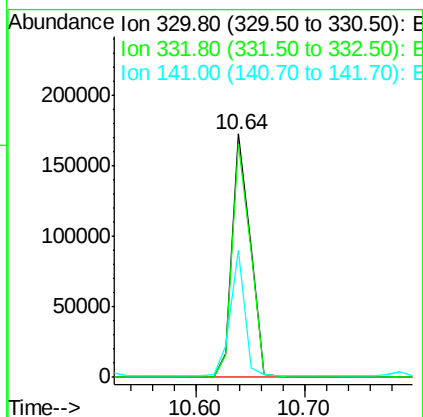
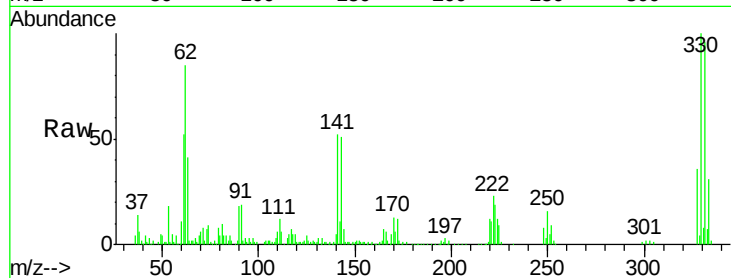




#41
 2,4,6-Tribromophenol
 Concen: 107.09 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088557.D
 Acq: 1 Jul 2016 4:42

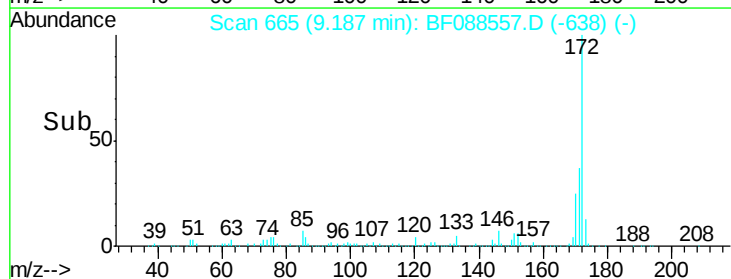
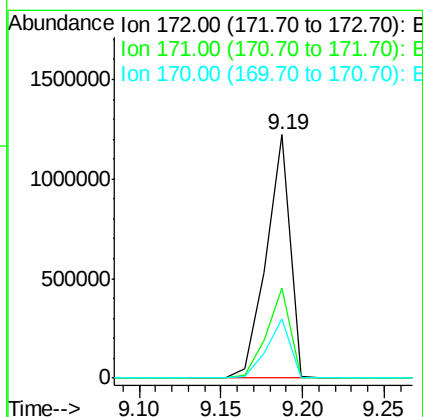
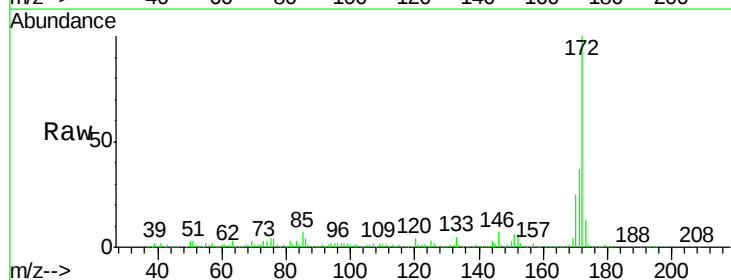
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP04W-1224

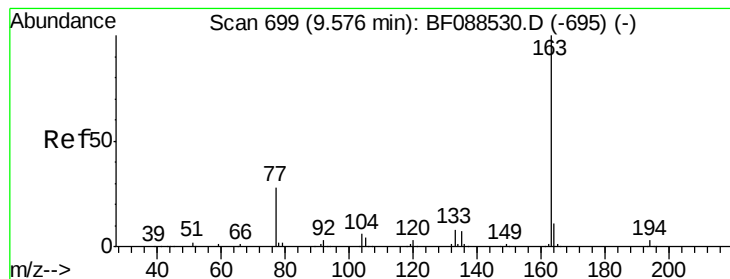
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	41.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 99.16 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF088557.D
 Acq: 1 Jul 2016 4:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	24.5	19.2	28.8





#49

Dimethylphthalate

Concen: 17.54 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

Instrument :

BNA_F

ClientSampleId :

B1409-TP04W-1224

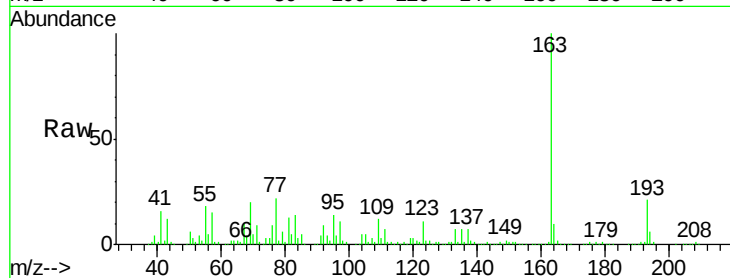
Tot Ion:163 Resp: 246719

Ion Ratio Lower Upper

163 100

194 6.2 2.8 4.2#

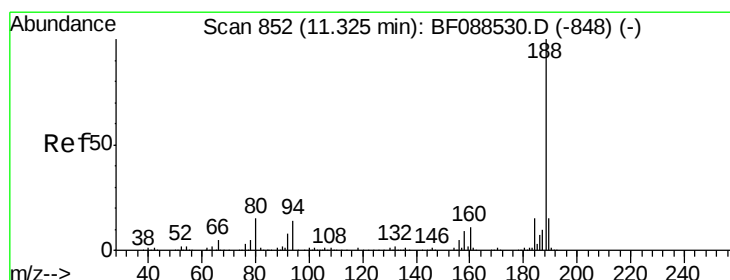
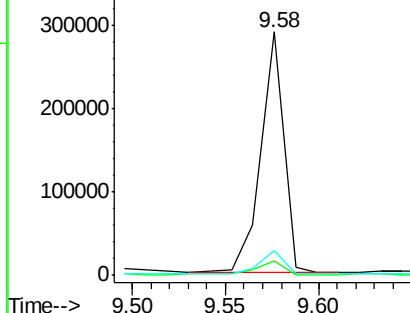
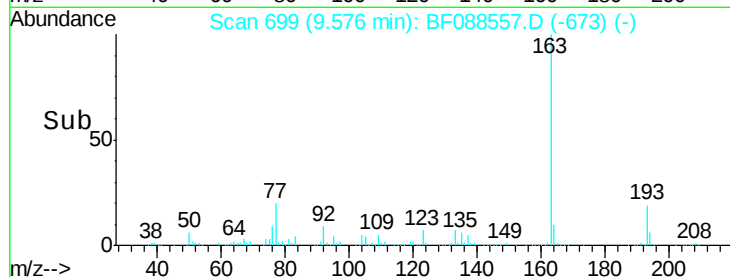
164 10.3 8.3 12.5



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: 11.34 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

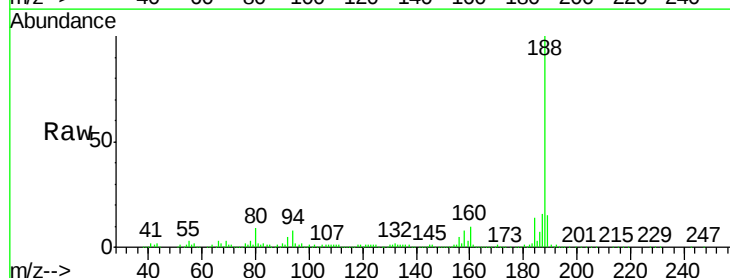
Tgt Ion:188 Resp: 350226

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.6#

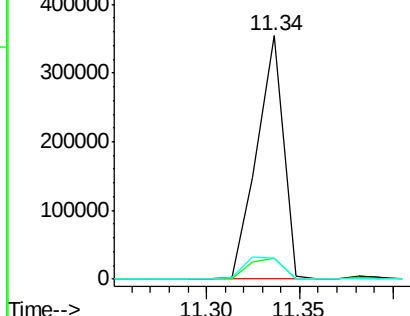
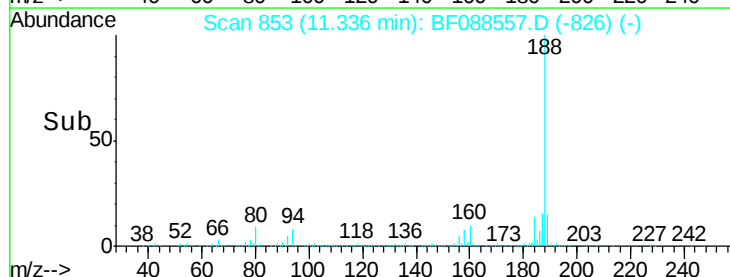
80 8.8 10.0 15.0#

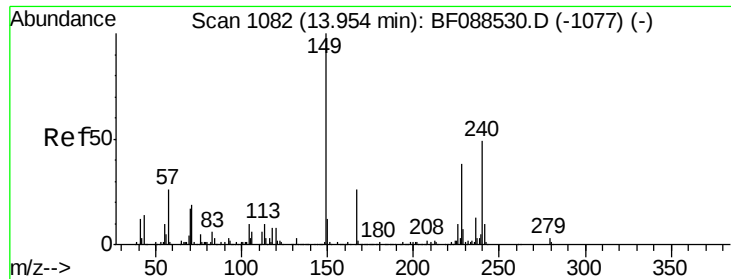


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

Instrument :

BNA_F

ClientSampleId :

B1409-TP04W-1224

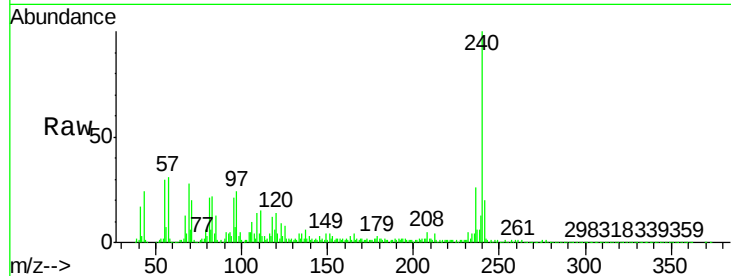
Tot Ion:240 Resp: 232462

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

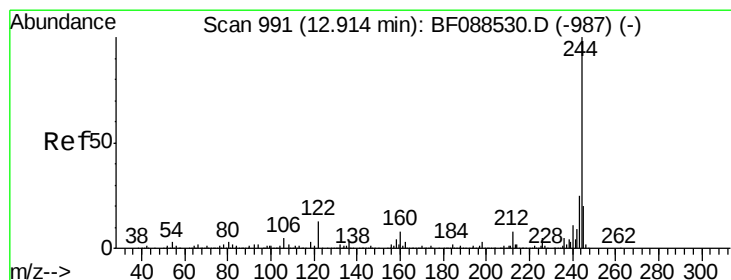
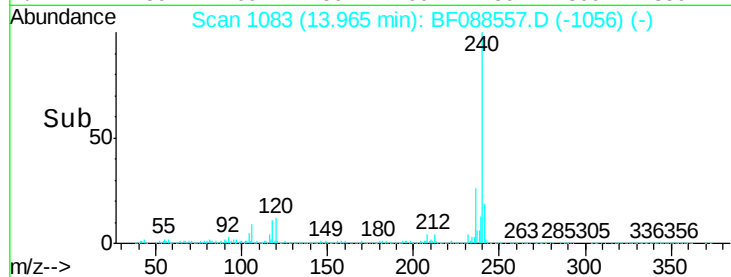
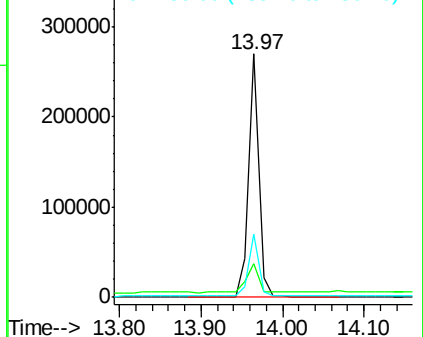
236 26.0 20.2 30.2



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: 80.07 ng

RT: 12.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF088557.D

Acq: 1 Jul 2016 4:42

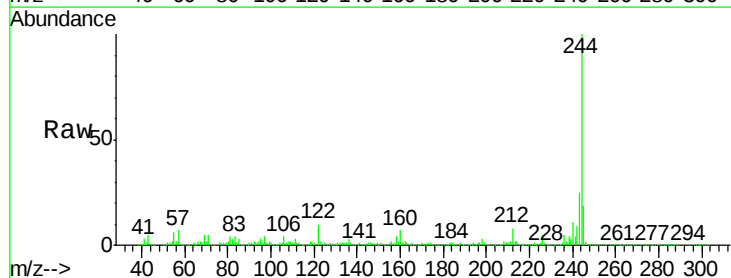
Tgt Ion:244 Resp: 835652

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

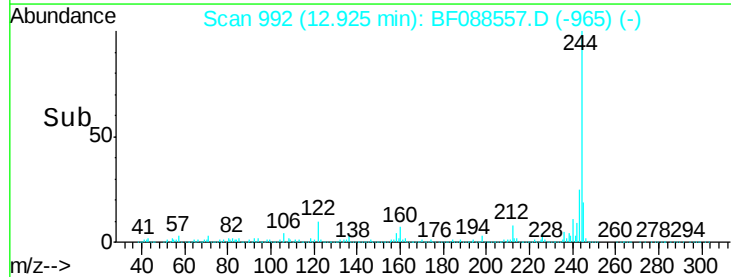
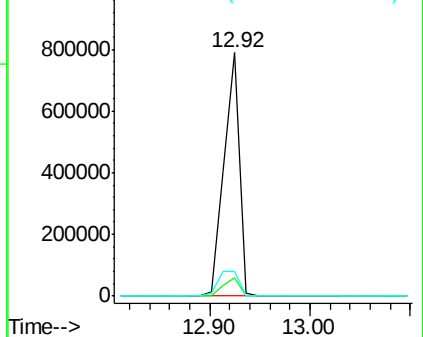
122 10.3 11.2 16.8#

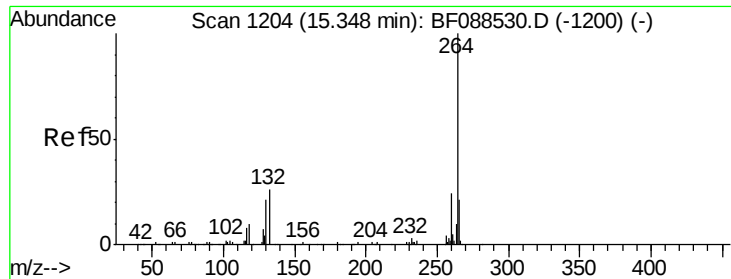


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BF088557.D
Acq: 1 Jul 2016 4:42

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	16.9	25.3

