

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088955.D
 Acq On : 13 Jul 2016 10:29
 Operator : UM/SJ
 Sample : H3935-27
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Quant Time: Jul 13 13:34:26 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

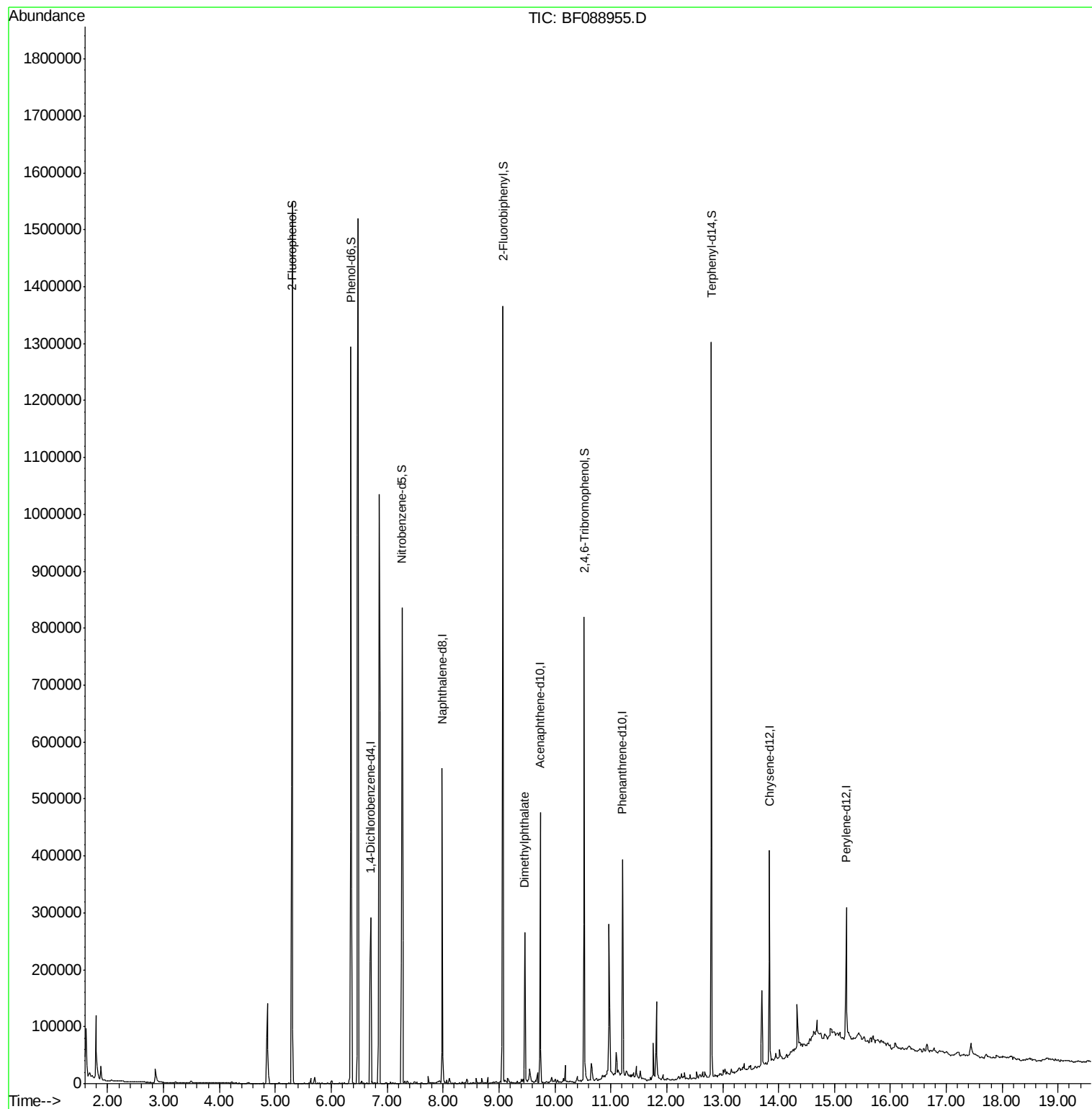
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	58046	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	215508	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	82674	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	125028	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	129629	20.00	ng	-0.01
86) Perylene-d12	15.21	264	92679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	419901	108.42	ng	0.01
7) Phenol-d6	6.35	99	517451	103.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	313027	76.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	89137	116.11	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	557310	106.48	ng	0.00
78) Terphenyl-d14	12.80	244	375974	64.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	90903	15.43	ng	Qvalue 99

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

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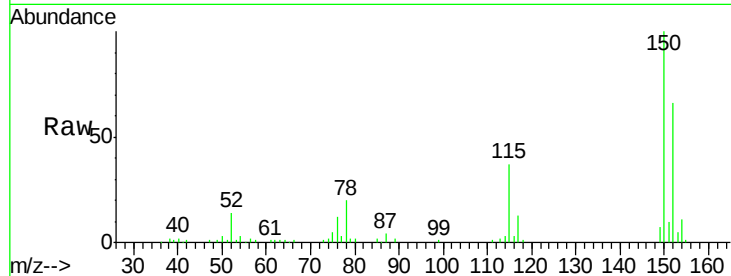


#1

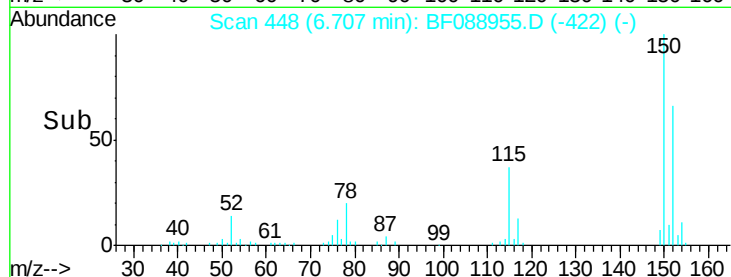
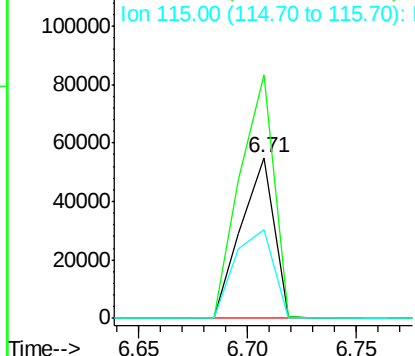
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088955.D
Acq: 13 Jul 2016 10:29

Instrument :
BNA_F
ClientSampled :
C3-01

Tot Ion:152 Resp: 58046
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.6
115 55.6 39.6 59.4



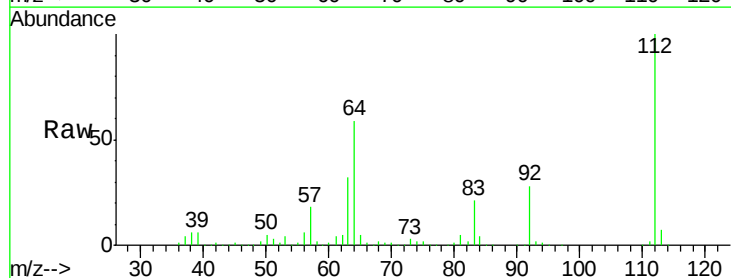
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



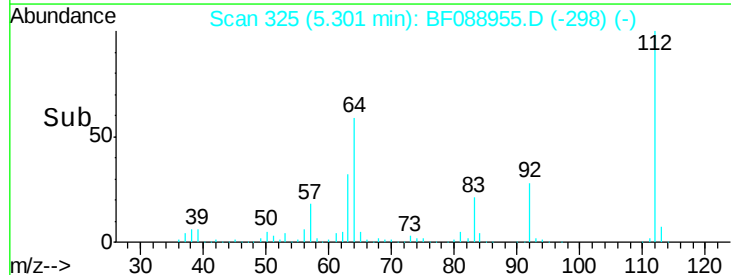
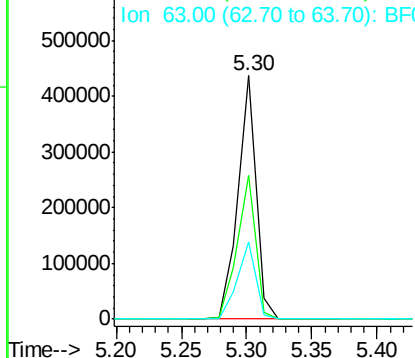
#5

2-Fluorophenol
Concen: 108.42 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088955.D
Acq: 13 Jul 2016 10:29

Tgt Ion:112 Resp: 419901
Ion Ratio Lower Upper
112 100
64 58.9 42.2 63.2
63 31.8 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: 103.40 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

Instrument :

BNA_F

ClientSampleId :

C3-01

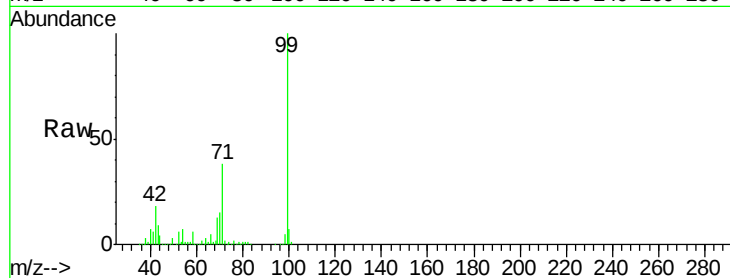
Tot Ion: 99 Resp: 517451

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 38.0 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

6.35

400000

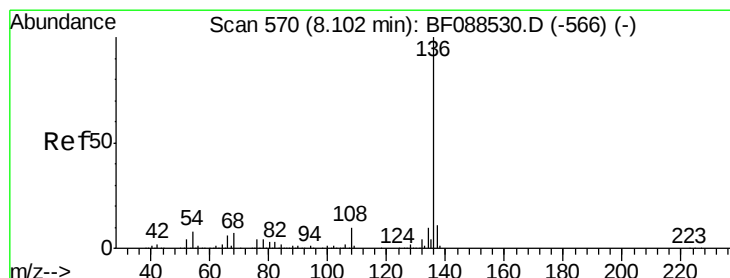
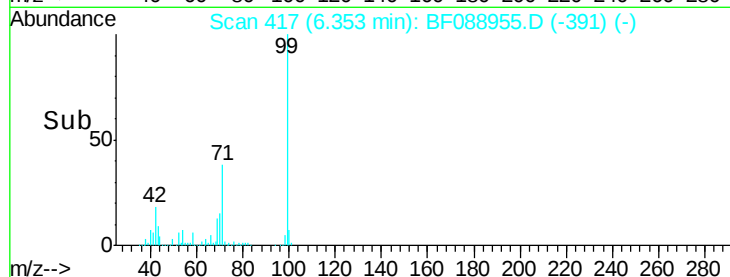
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

Tgt Ion: 136 Resp: 215508

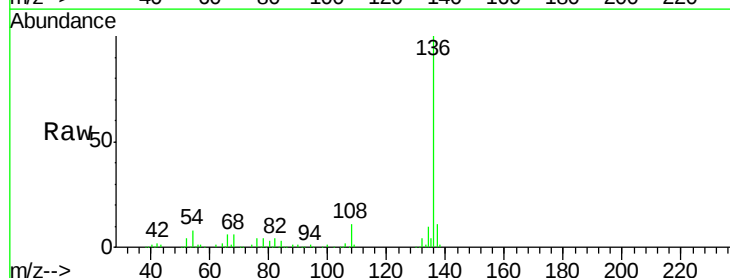
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.7 6.6 10.0

68 6.1 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

400000

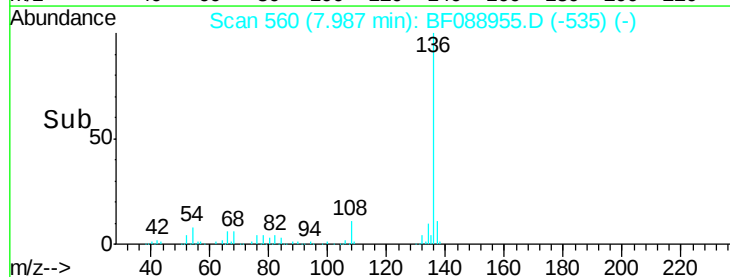
300000

200000

100000

0

Time-->

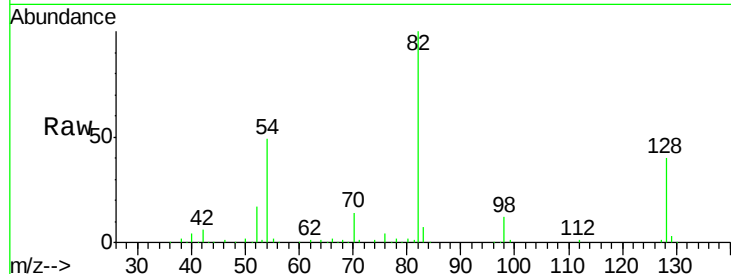




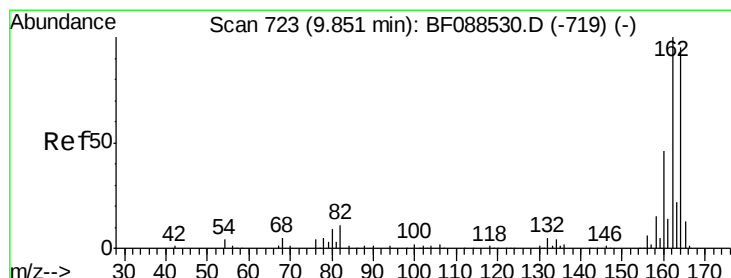
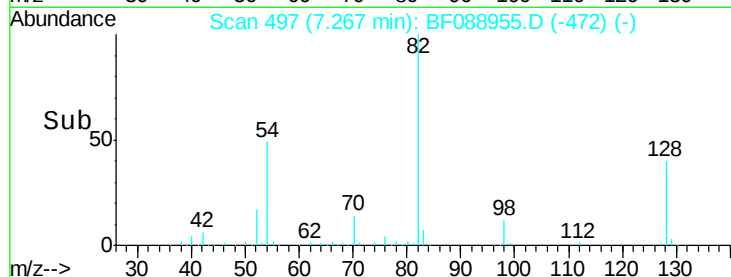
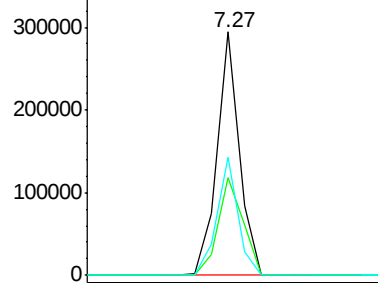
#23
 Nitrobenzene-d5
 Concen: 76.12 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Instrument :
 BNA_F
 ClientSampled :
 C3-01

Tot Ion	82	Resp	313027
Ion Ratio	100	Lower	Upper
128	40.0	35.9	53.9
54	48.7	40.9	61.3

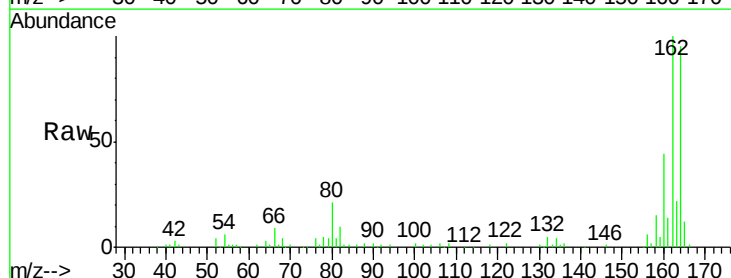


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

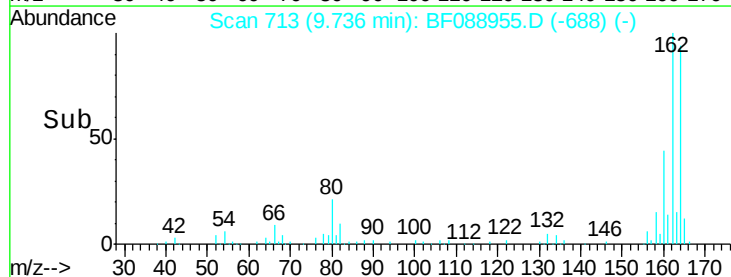
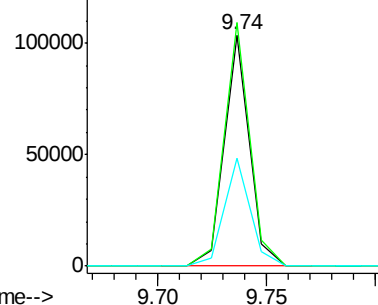


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Tgt Ion	164	Resp	82674
Ion Ratio	100	Lower	Upper
162	105.4	85.4	128.2
160	46.6	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

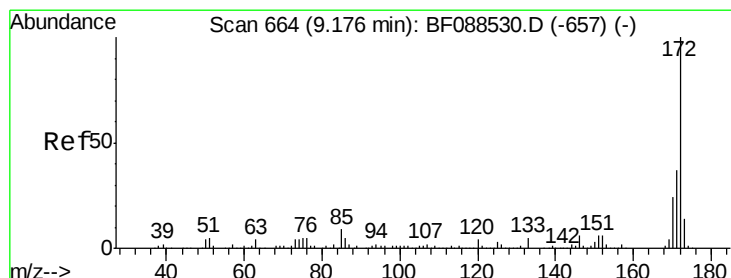
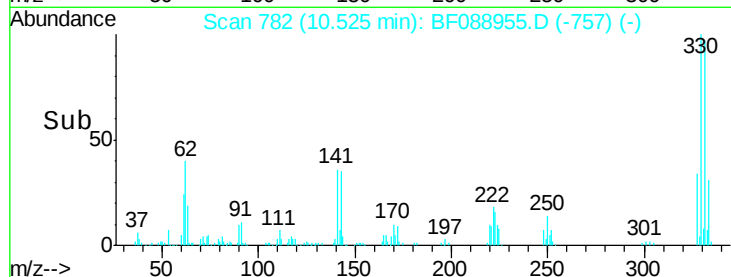
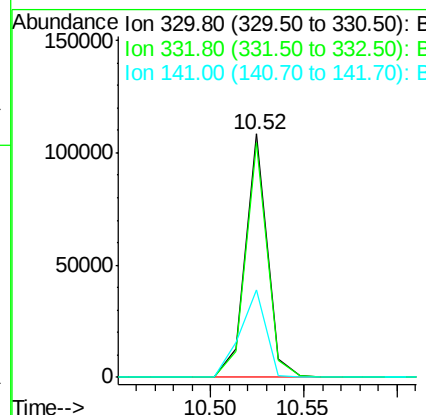
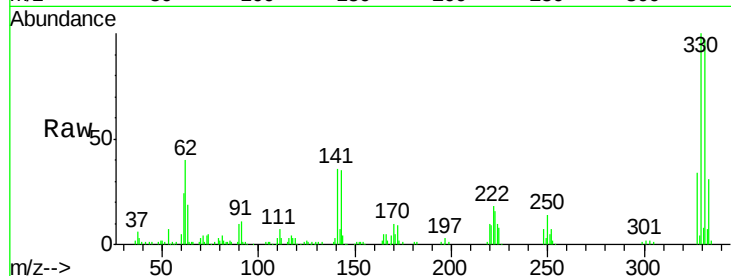




#41
 2,4,6-Tribromophenol
 Concen: 116.11 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

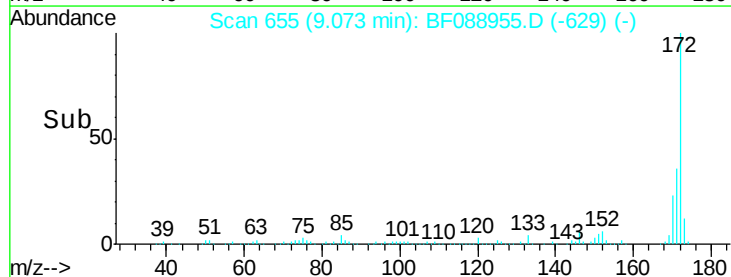
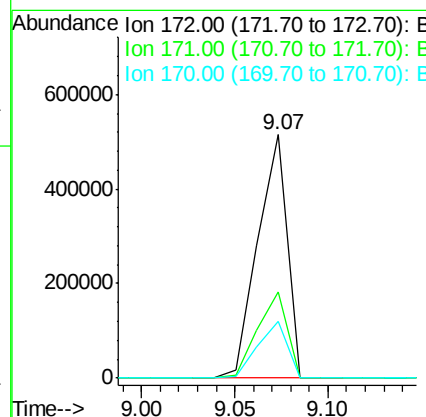
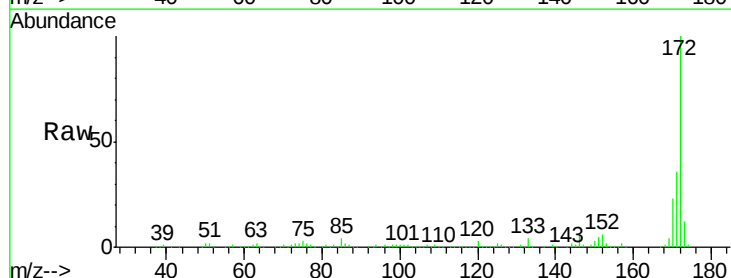
Instrument :
 BNA_F
 ClientSampleId :
 C3-01

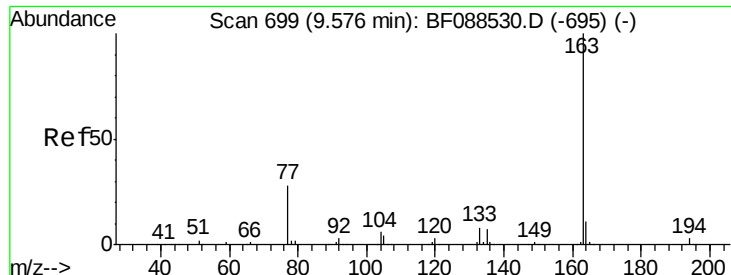
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	42.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 106.48 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	19.2	28.8





#49

Dimethylphthalate

Concen: 15.43 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

Instrument :

BNA_F

ClientSampleId :

C3-01

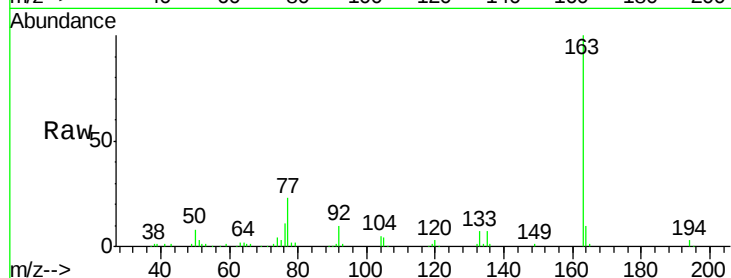
Tot Ion:163 Resp: 90903

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

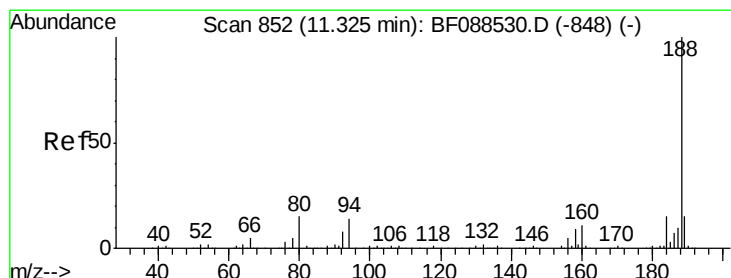
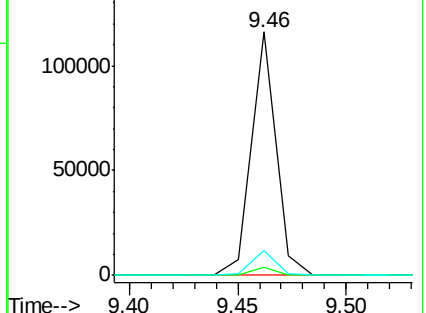
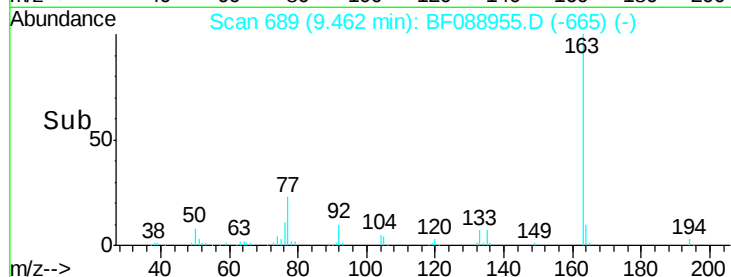
164 10.2 8.3 12.5



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: BF088955.D

Acq: 13 Jul 2016 10:29

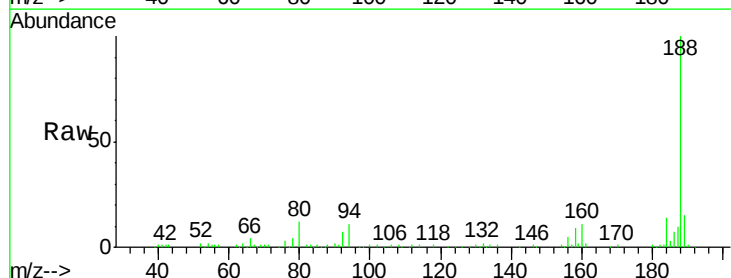
Tgt Ion:188 Resp: 125028

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

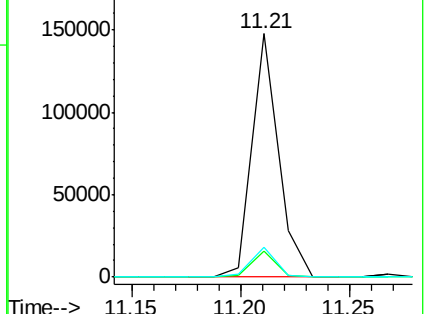
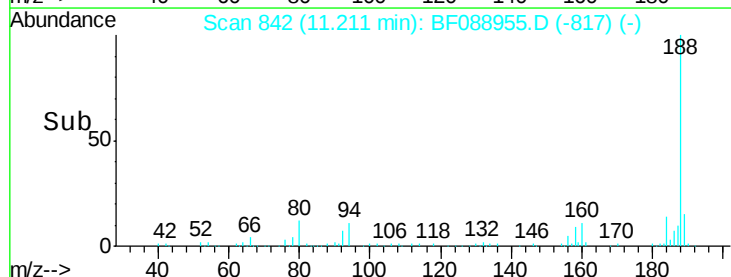
80 12.4 10.0 15.0



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: BF088955.D

Acq: 13 Jul 2016 10:29

Instrument :

BNA_F

ClientSampleId :

C3-01

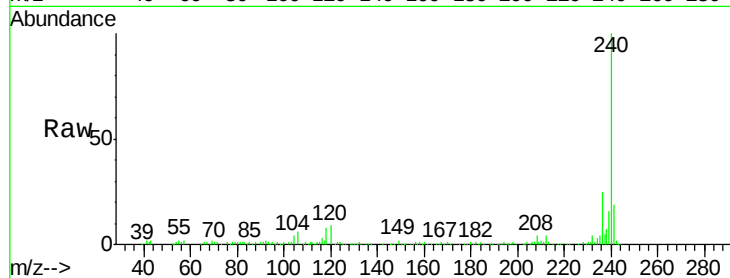
Tot Ion:240 Resp: 129629

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

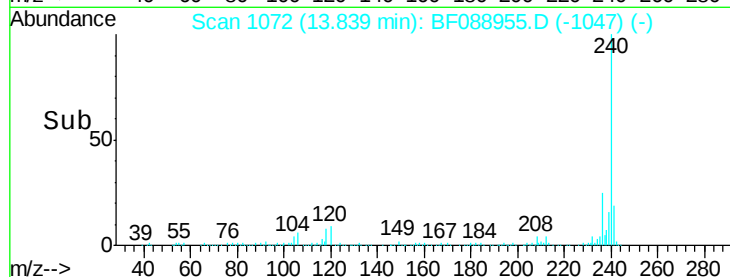
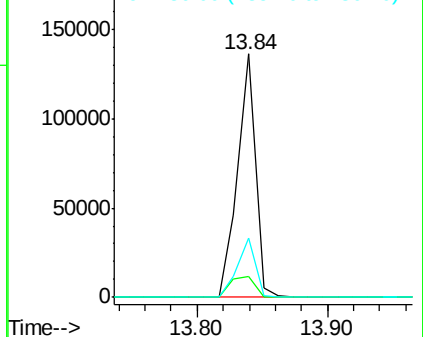
236 24.6 20.2 30.2



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: 64.60 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088955.D

Acq: 13 Jul 2016 10:29

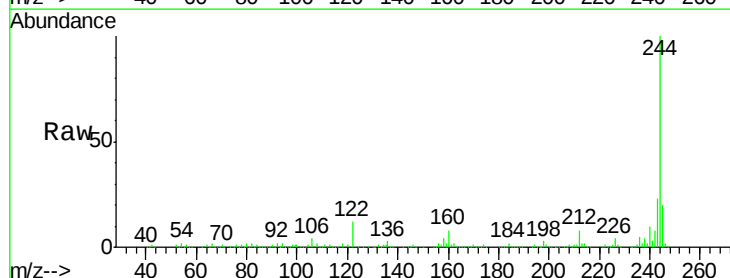
Tgt Ion:244 Resp: 375974

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

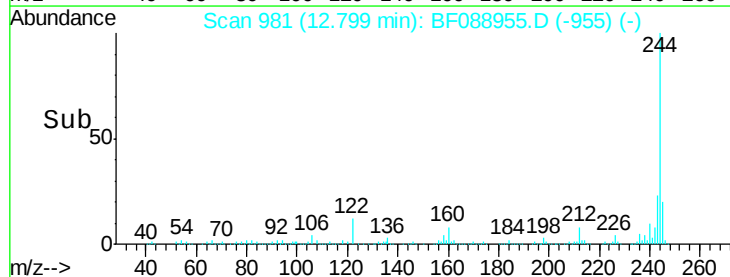
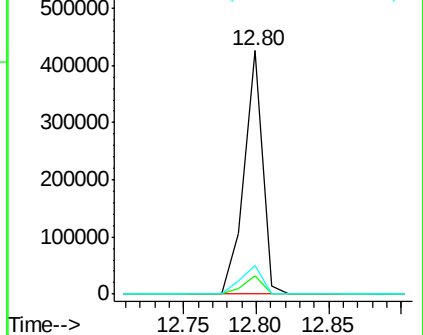
122 11.6 11.2 16.8

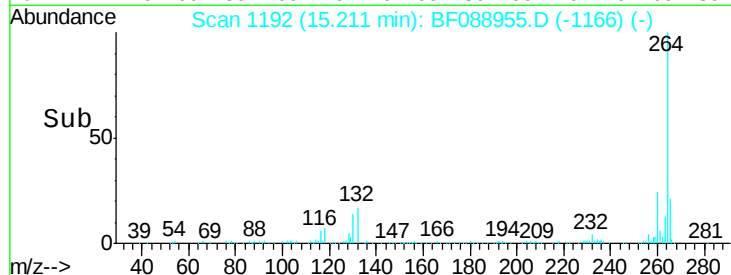
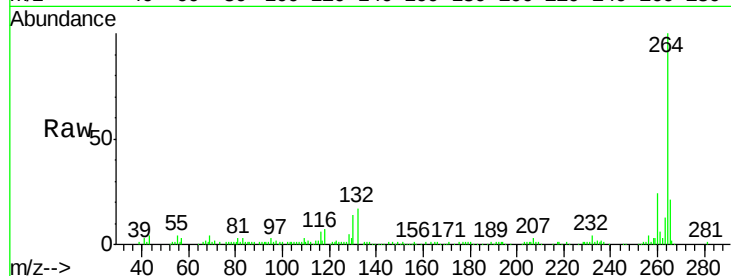
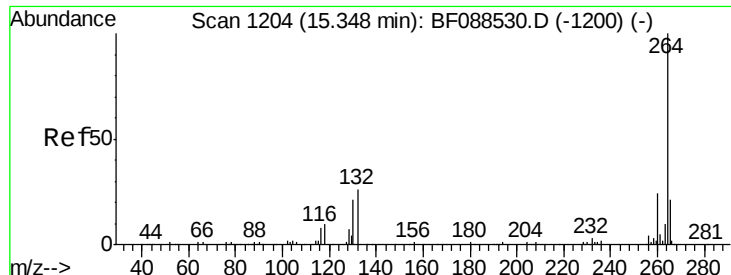


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088955.D
 Acq: 13 Jul 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tot Ion:264	Resp:	92679
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.2 28.8
265	21.0	16.9 25.3

