

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091516\
 Data File : BF090088.D
 Acq On : 15 Sep 2016 13:22
 Operator : UM/SJ
 Sample : H4761-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-1

Quant Time: Sep 15 13:51:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

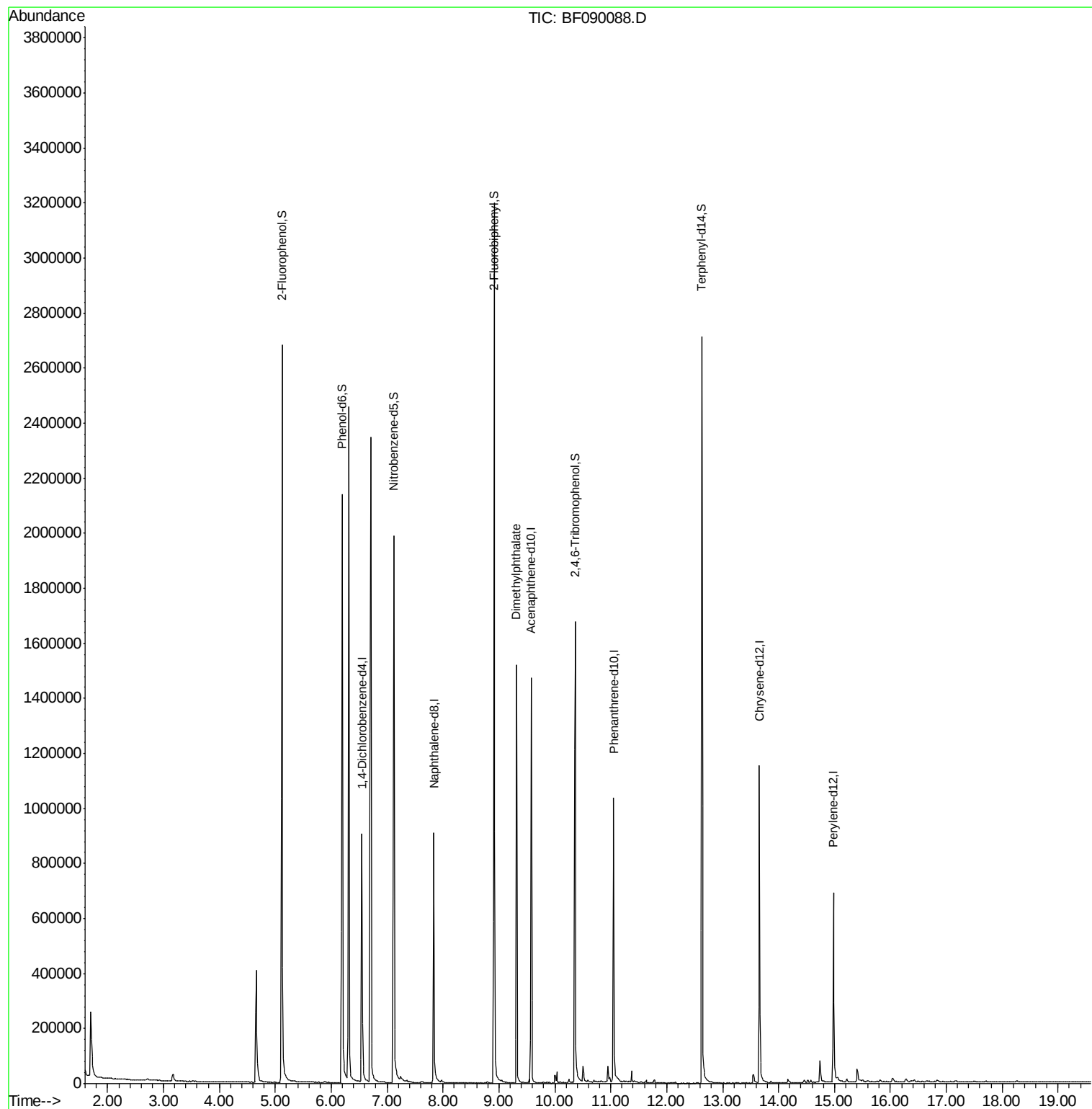
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	158865	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	635068	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	295770	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	569223	20.00	ng	0.00
75) Chrysene-d12	13.66	240	456365	20.00	ng	-0.01
86) Perylene-d12	14.98	264	315276	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	991357	100.36	ng	0.00
7) Phenol-d6	6.19	99	1476303	114.16	ng	-0.01
23) Nitrobenzene-d5	7.12	82	836646	74.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	311230	104.76	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1207029	64.09	ng	-0.01
78) Terphenyl-d14	12.63	244	1071667	55.77	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	633788	28.85	ng	98

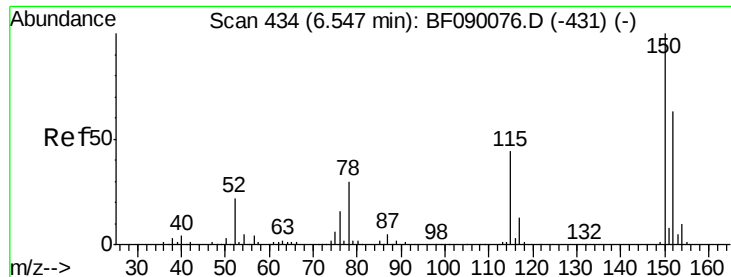
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

UST-1

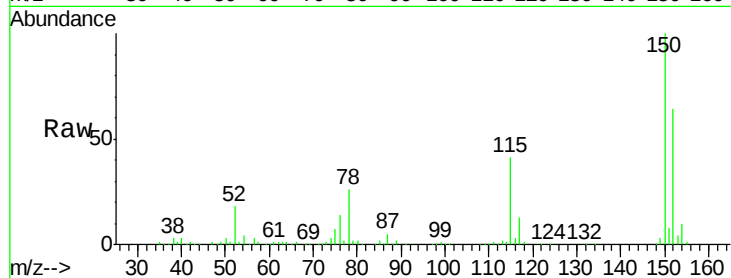
Tot Ion:152 Resp: 158865

Ion Ratio Lower Upper

152 100

150 156.6 128.9 193.3

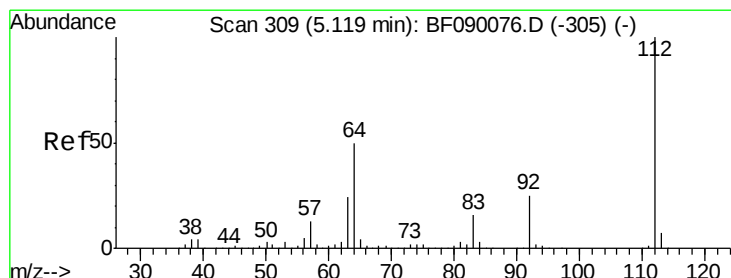
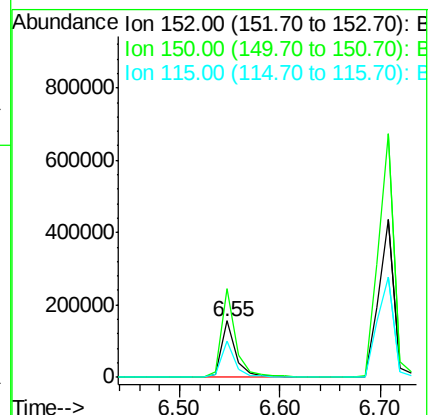
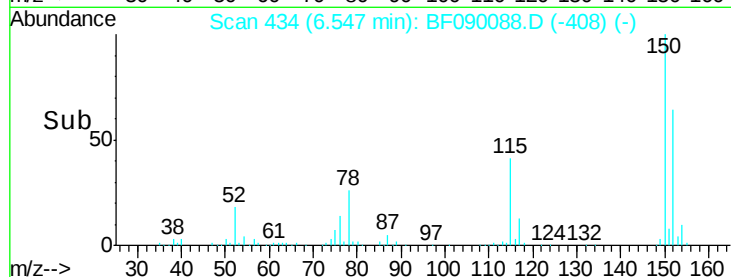
115 63.9 55.5 83.3



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: 100.36 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

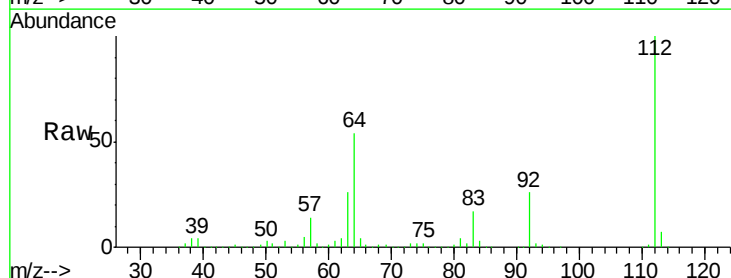
Tgt Ion:112 Resp: 991357

Ion Ratio Lower Upper

112 100

64 54.0 39.8 59.6

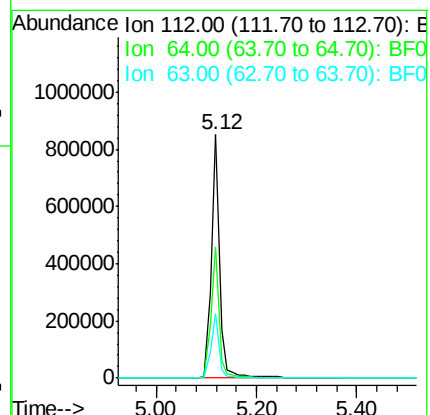
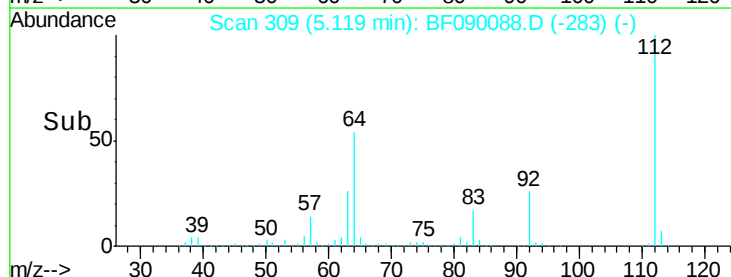
63 26.3 18.9 28.3

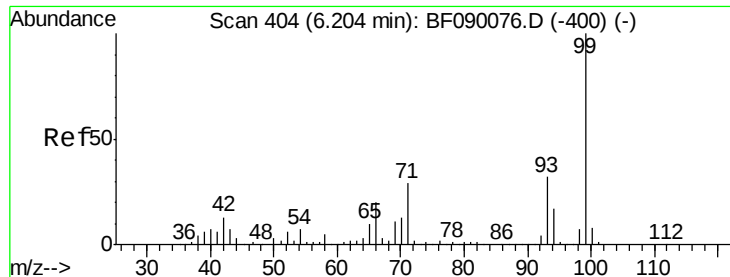


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.16 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleId :

UST-1

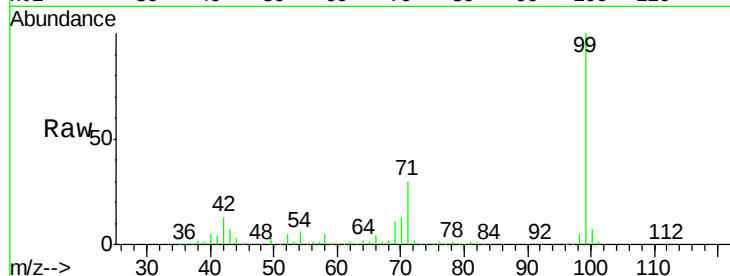
Tot Ion: 99 Resp: 1476303

Ion Ratio Lower Upper

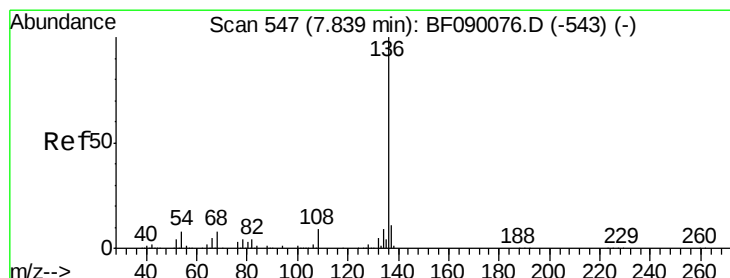
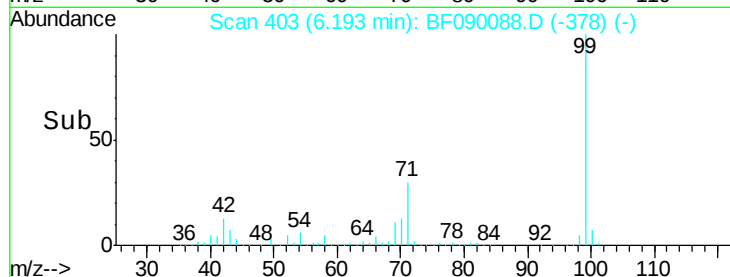
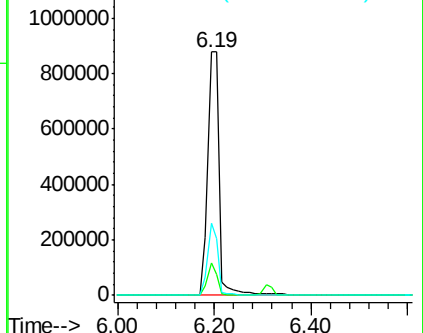
99 100

42 13.1 10.6 15.8

71 29.5 23.0 34.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

Tgt Ion: 136 Resp: 635068

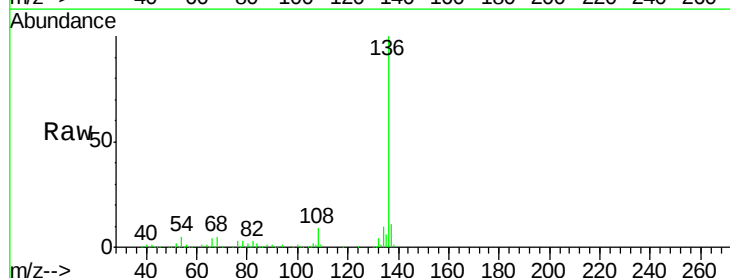
Ion Ratio Lower Upper

136 100

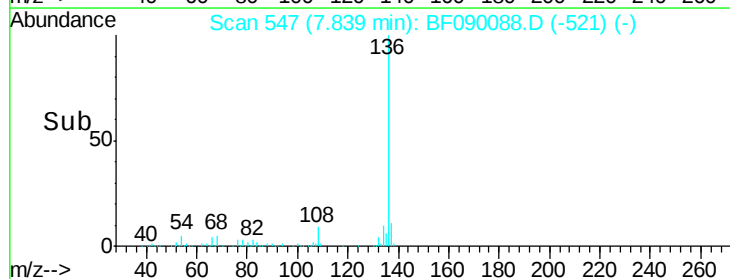
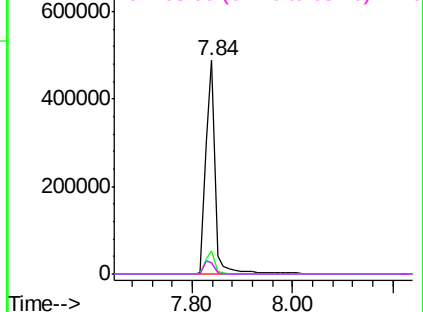
137 10.8 9.0 13.4

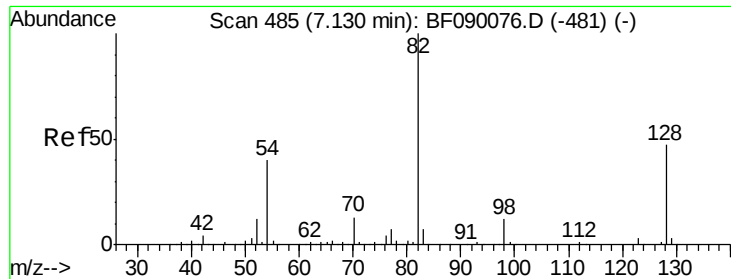
54 5.1 6.4 9.6#

68 5.4 6.3 9.5#



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

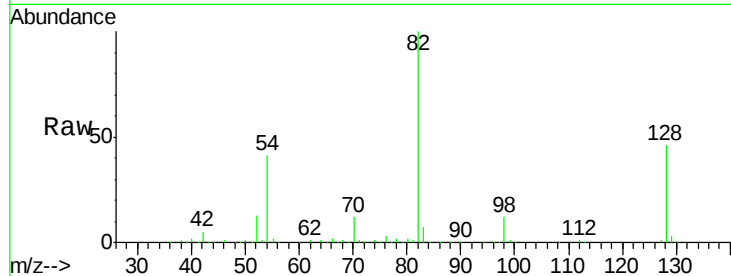




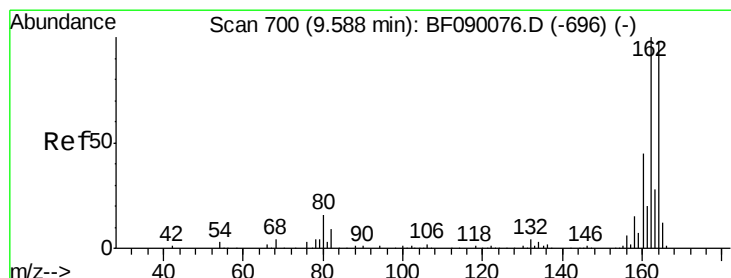
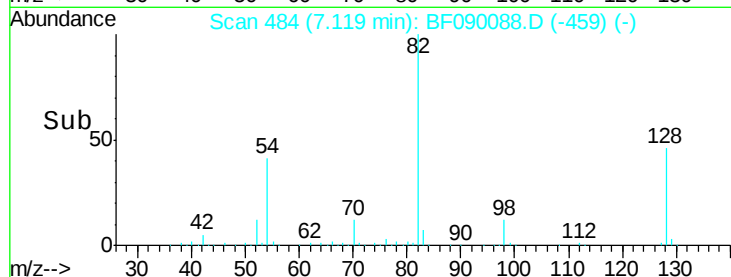
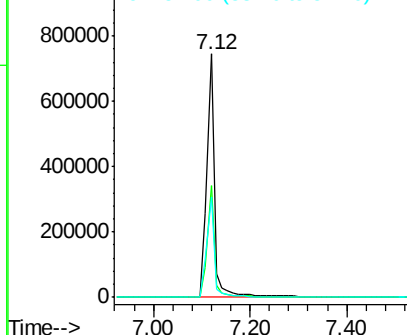
#23
 Nitrobenzene-d5
 Concen: 74.07 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090088.D
 Acq: 15 Sep 2016 13:22

Instrument :
 BNA_F
 ClientSampleID :
 UST-1

Tot Ion: 82 Resp: 836646
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.5 56.3
 54 41.0 31.9 47.9

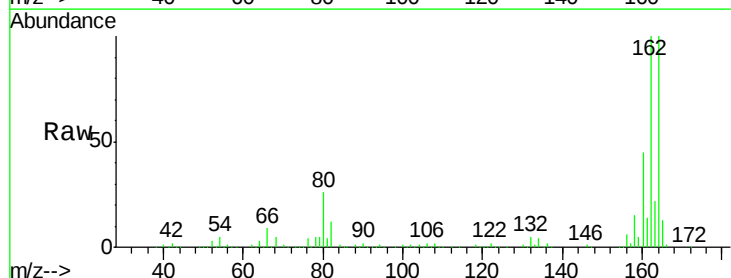


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

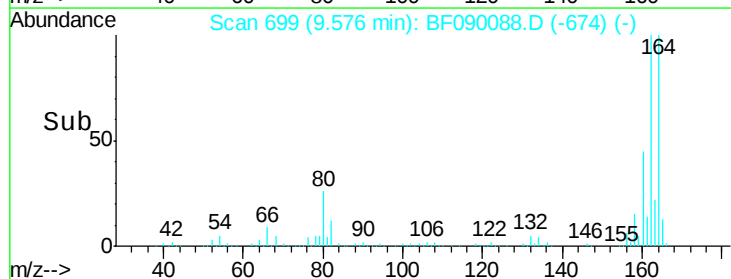
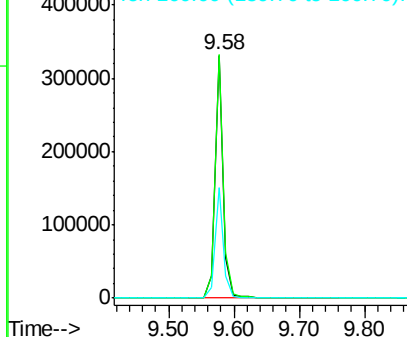


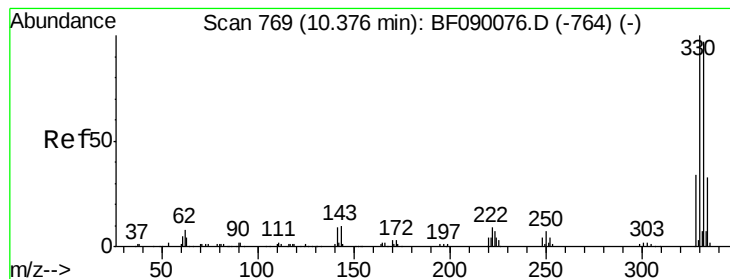
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090088.D
 Acq: 15 Sep 2016 13:22

Tgt Ion: 164 Resp: 295770
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.4 122.2
 160 45.4 36.6 54.8



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

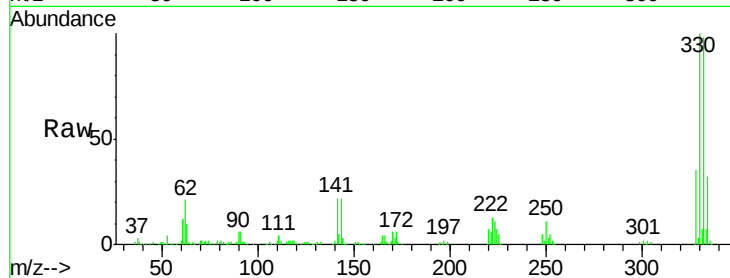




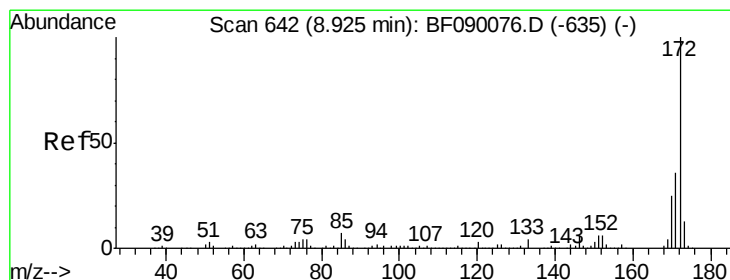
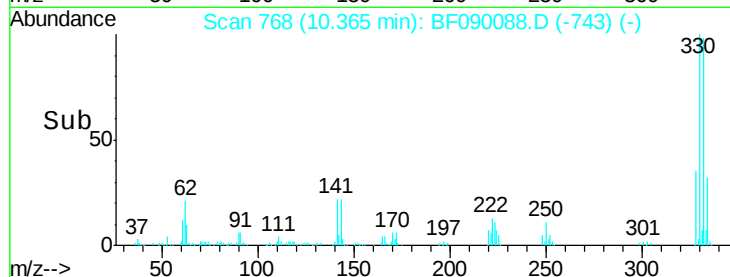
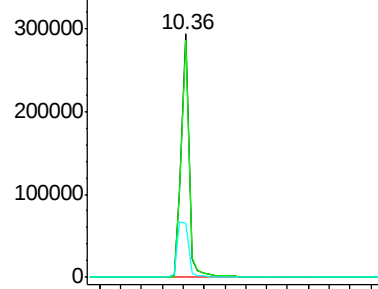
#41
 2,4,6-Tribromophenol
 Concen: 104.76 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090088.D
 Acq: 15 Sep 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 UST-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.1	117.1
141	33.3	23.9	35.9

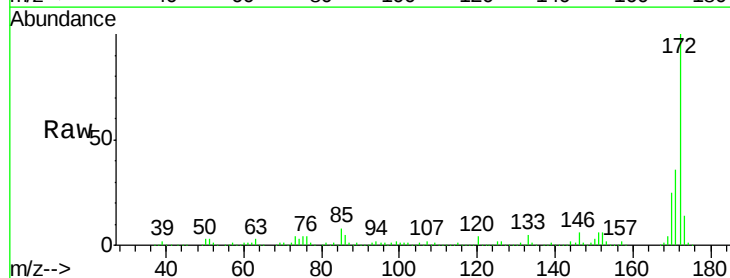


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

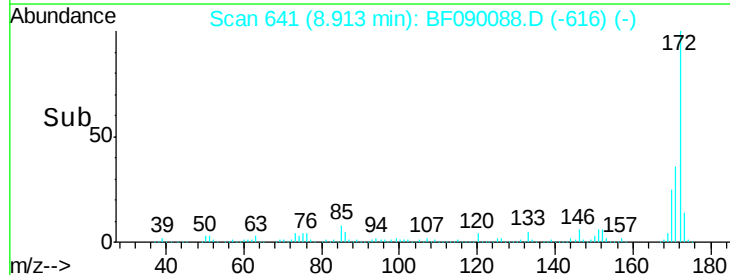
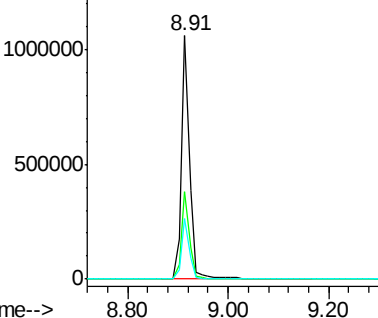


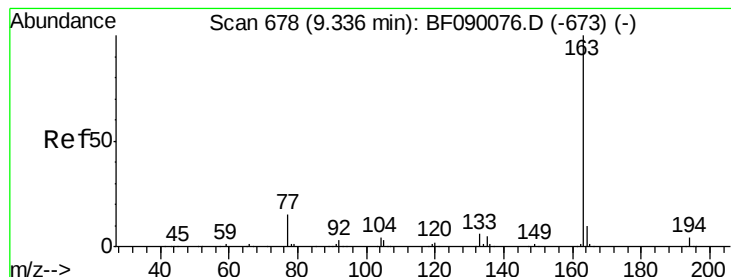
#44
 2-Fluorobiphenyl
 Concen: 64.09 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090088.D
 Acq: 15 Sep 2016 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.6	19.8	29.8



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: 28.85 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

Instrument :

BNA_F

ClientSampleID :

UST-1

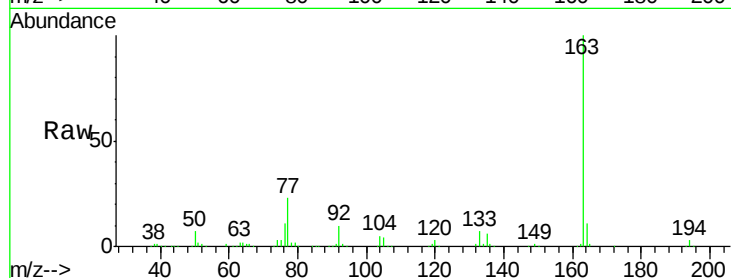
Tot Ion:163 Resp: 633788

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

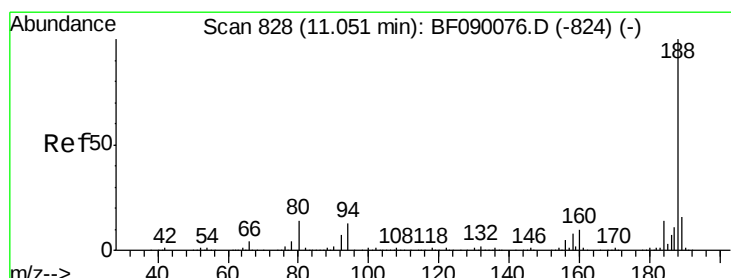
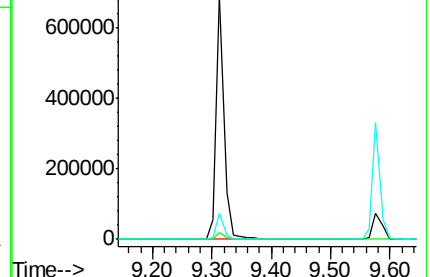
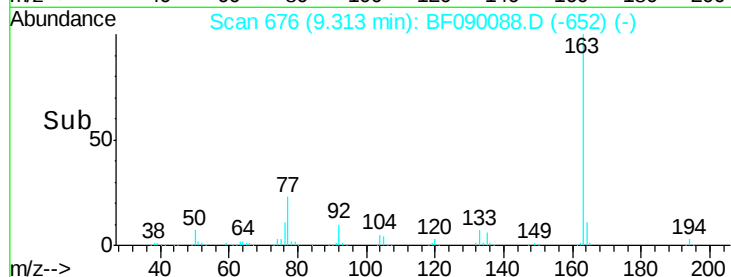
164 10.9 8.1 12.1



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: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

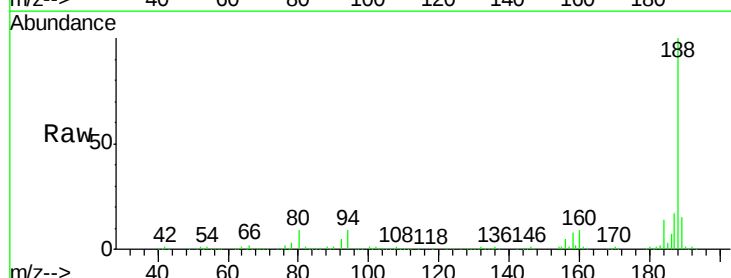
Tgt Ion:188 Resp: 569223

Ion Ratio Lower Upper

188 100

94 9.2 10.5 15.7#

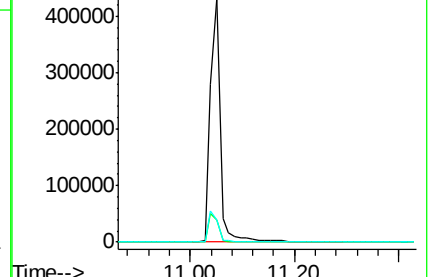
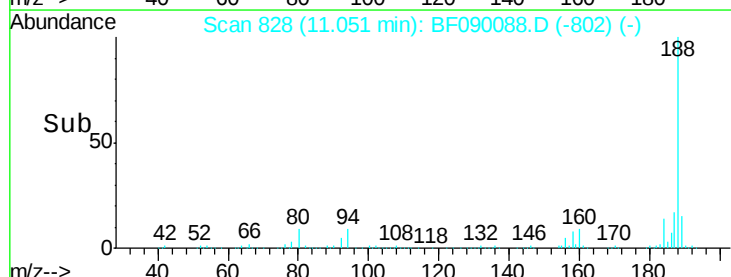
80 9.0 11.2 16.8#

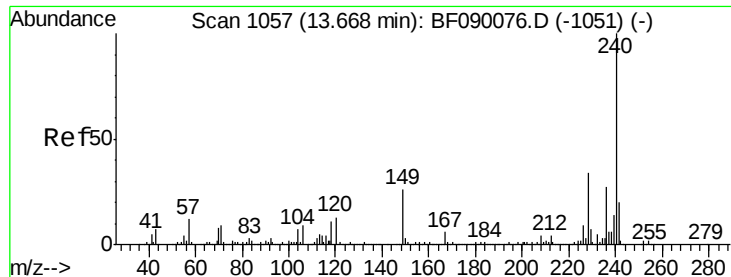


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

Instrument :

BNA_F

ClientSampled :

UST-1

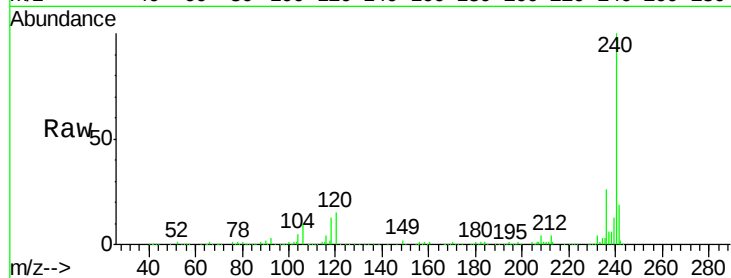
Tot Ion:240 Resp: 456365

Ion Ratio Lower Upper

240 100

120 14.6 10.6 16.0

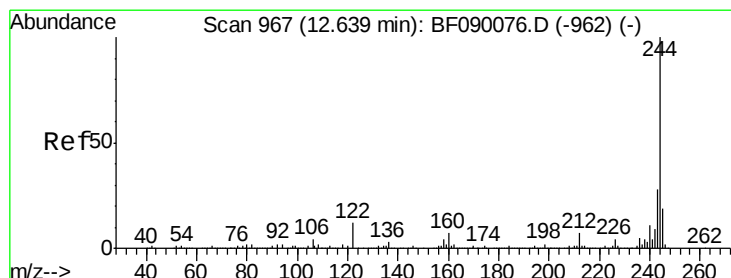
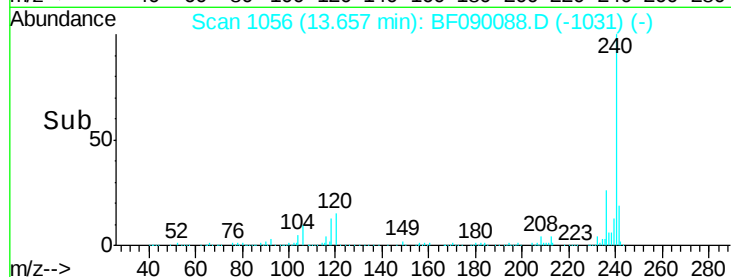
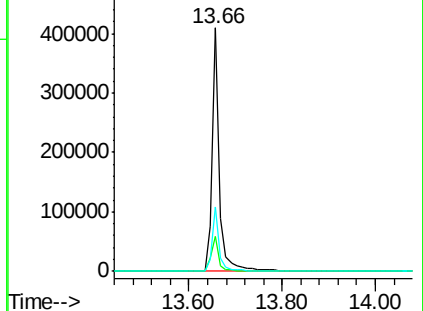
236 26.5 21.6 32.4



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: 55.77 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090088.D

Acq: 15 Sep 2016 13:22

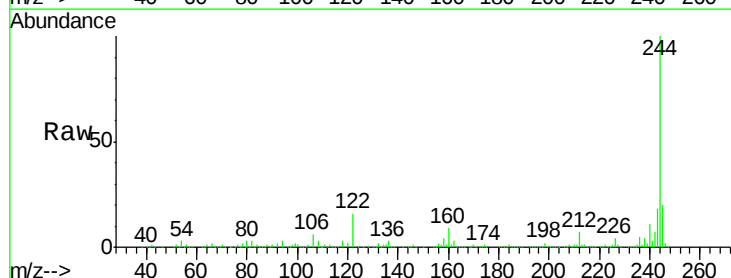
Tgt Ion:244 Resp: 1071667

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

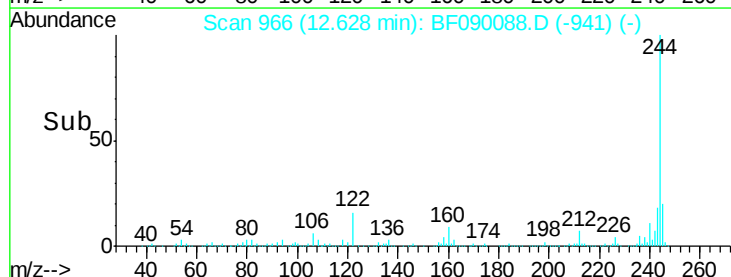
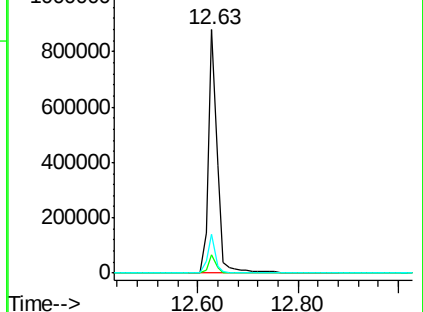
122 15.8 9.4 14.0#

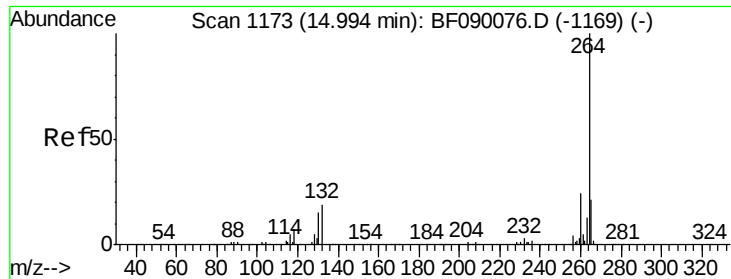


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF090088.D
 Acq: 15 Sep 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 UST-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.9	17.0	25.4

