

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088373.D
 Acq On : 25 Jun 2016 13:22
 Operator : UM/SJ
 Sample : H3602-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P8-B2(0-12)C

Quant Time: Jun 26 02:34:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

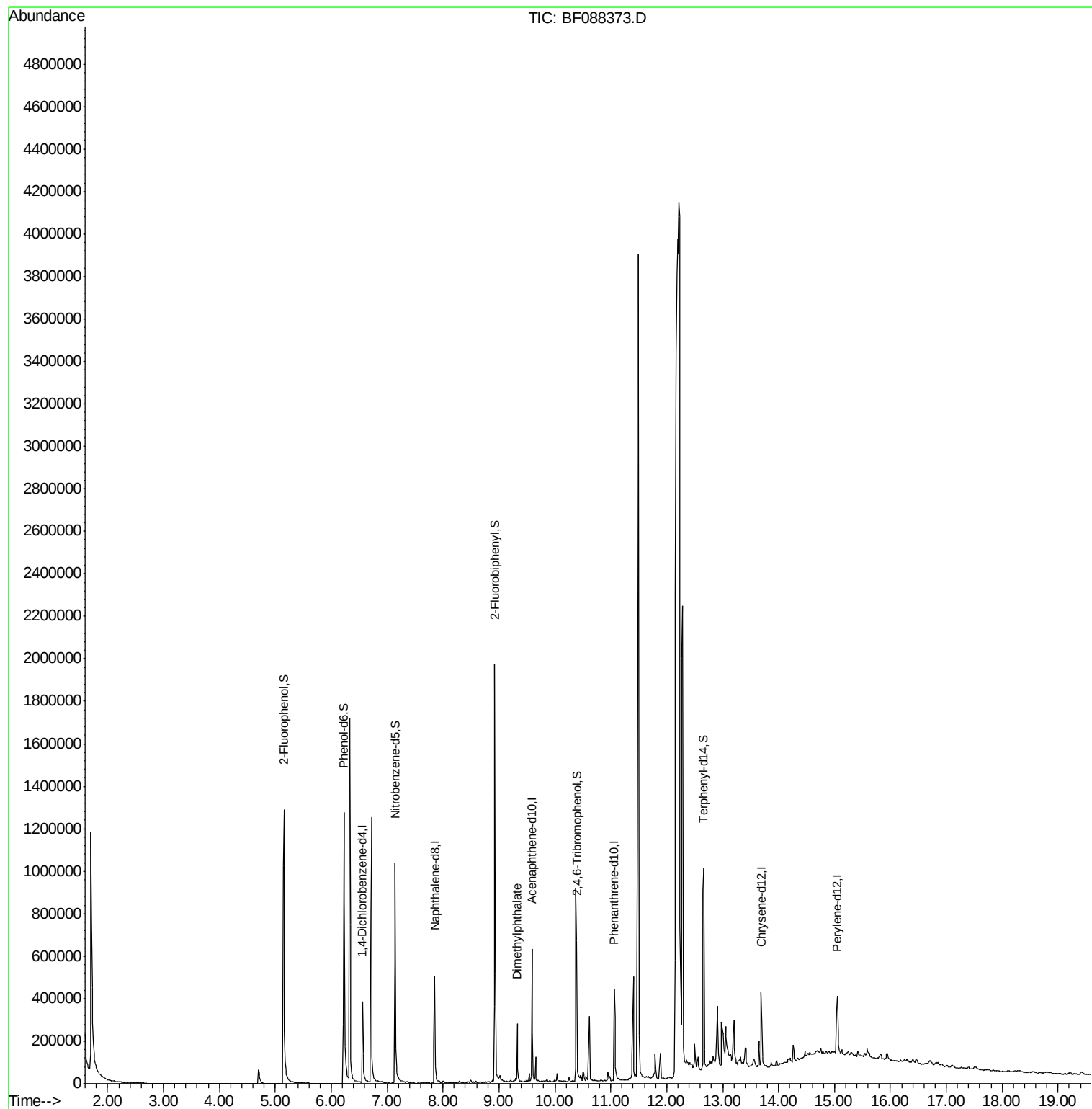
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	83581	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	319374	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	140582	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	236312	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	154926	20.00	ng	-0.06
86) Perylene-d12	15.05	264	150085	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	657117	134.40	ng	-0.02
7) Phenol-d6	6.23	99	803764	135.65	ng	-0.03
23) Nitrobenzene-d5	7.14	82	513764	93.94	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	173499	116.88	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	740624	82.60	ng	-0.05
78) Terphenyl-d14	12.66	244	458088	67.28	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	116471	11.44	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: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088373.D

Acq: 25 Jun 2016 13:22

Instrument :

BNA_F

ClientSampleId :

P8-B2(0-12)C

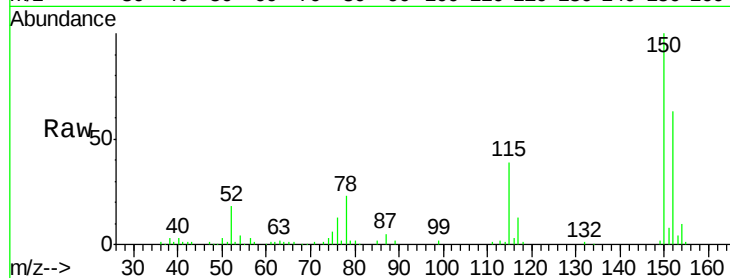
Tot Ion:152 Resp: 83581

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

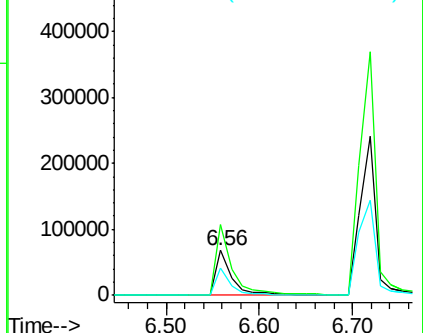
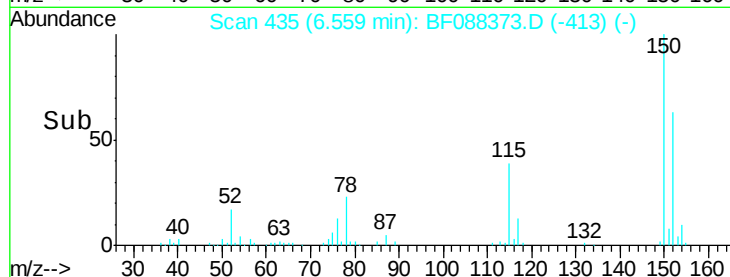
115 61.3 39.6 59.4#



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: 134.40 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF088373.D

Acq: 25 Jun 2016 13:22

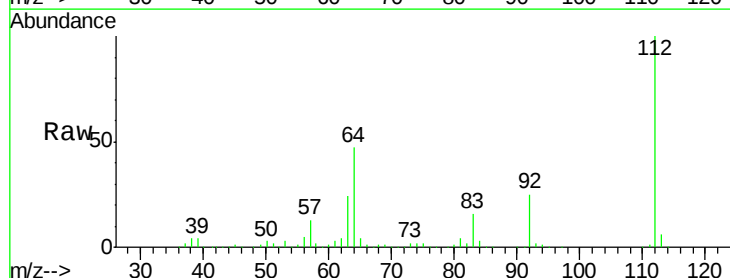
Tgt Ion:112 Resp: 657117

Ion Ratio Lower Upper

112 100

64 46.7 42.2 63.2

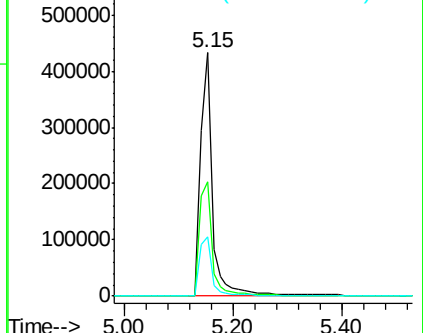
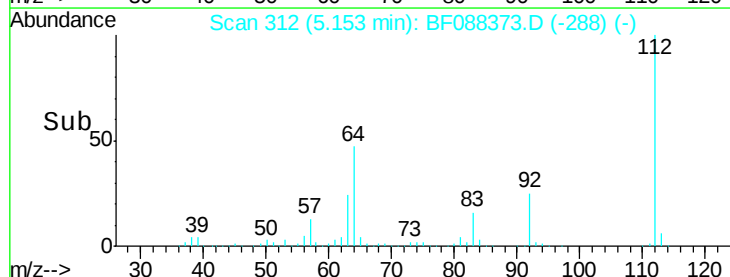
63 24.3 21.8 32.8



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: 135.65 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088373.D

Acq: 25 Jun 2016 13:22

Instrument :

BNA_F

ClientSampleId :

P8-B2(0-12)C

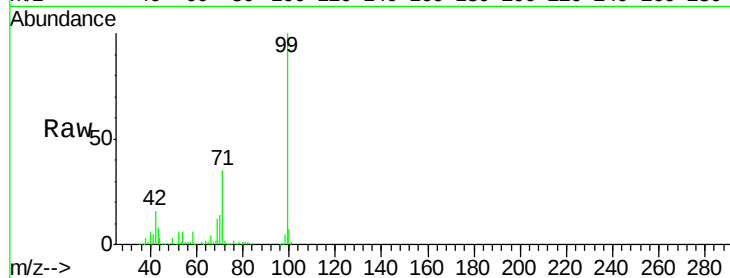
Tot Ion: 99 Resp: 803764

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

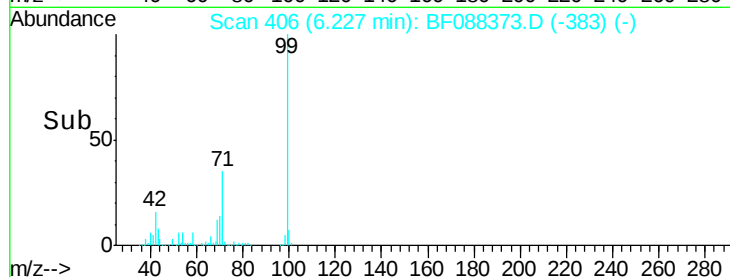
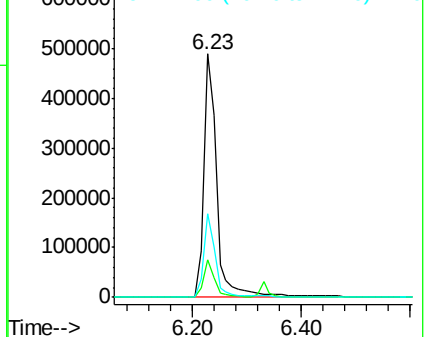
71 34.6 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088373.D

Acq: 25 Jun 2016 13:22

Tgt Ion: 136 Resp: 319374

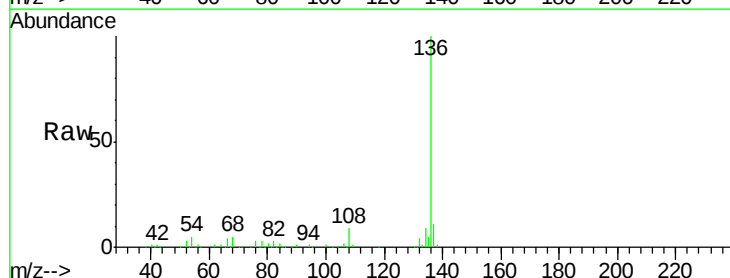
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.7 5.1 7.7#

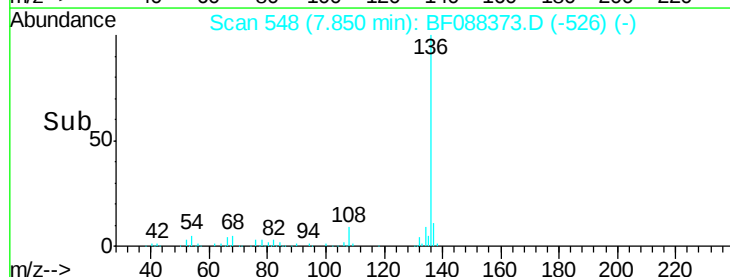
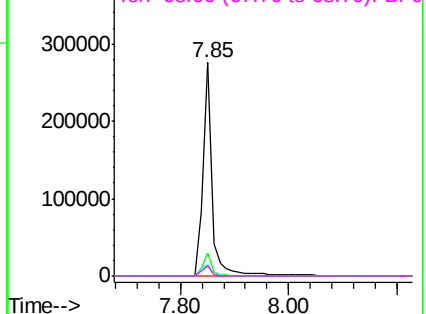


Abundance Ion 136.00 (135.70 to 136.70): E

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

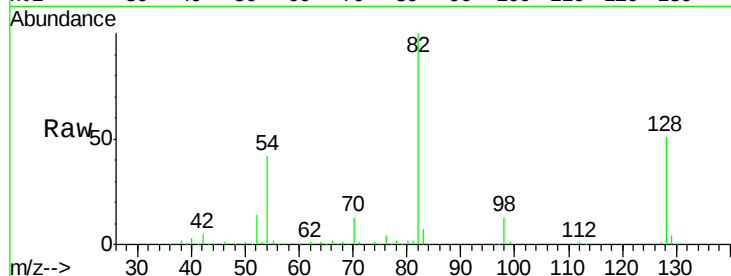




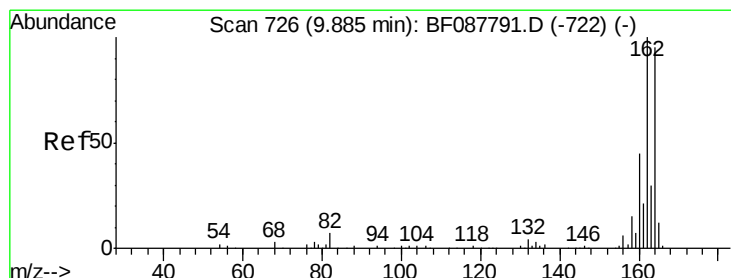
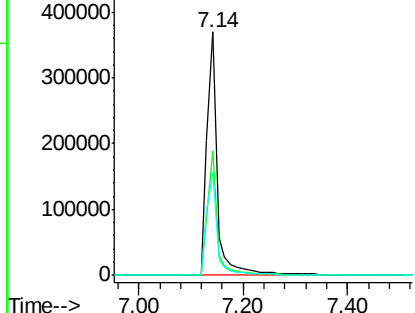
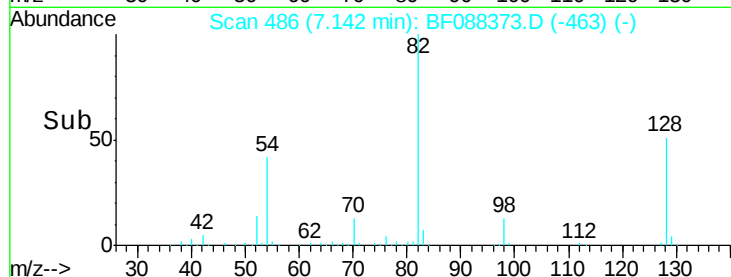
#23
 Nitrobenzene-d5
 Concen: 93.94 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088373.D
 Acq: 25 Jun 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 P8-B2(0-12)C

Tot Ion: 82 Resp: 513764
 Ion Ratio Lower Upper
 82 100
 128 51.0 35.9 53.9
 54 42.1 40.9 61.3

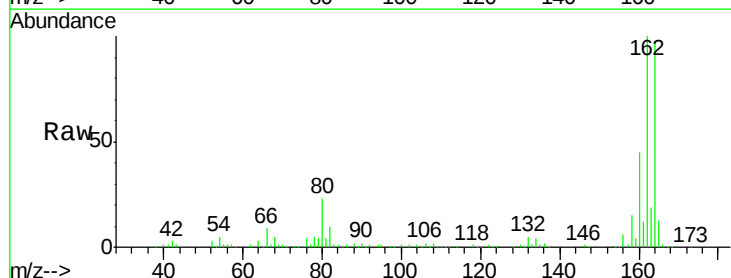


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

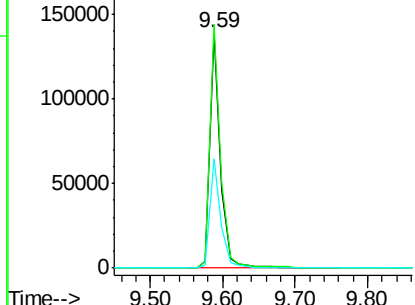
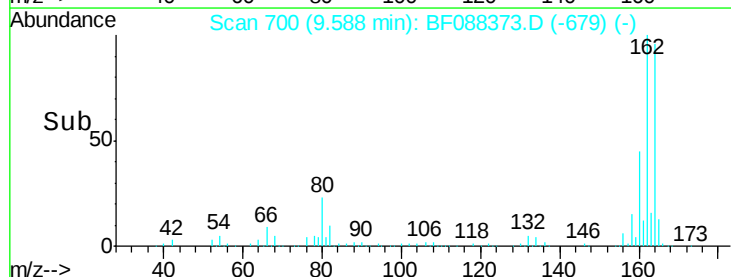


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088373.D
 Acq: 25 Jun 2016 13:22

Tgt Ion:164 Resp: 140582
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 46.6 39.5 59.3



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

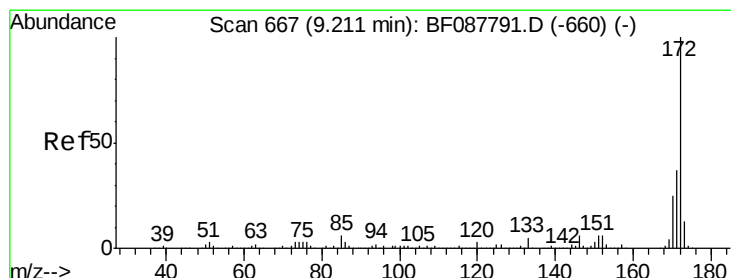
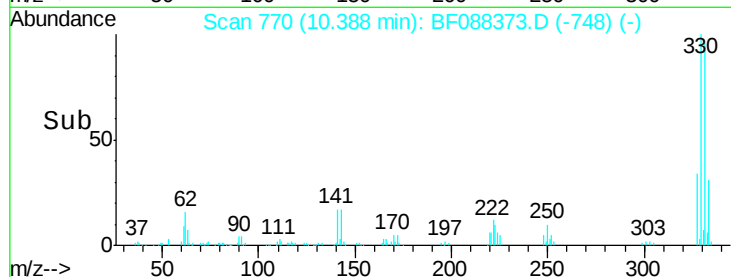
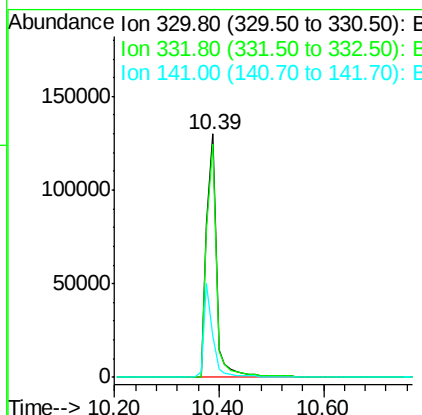
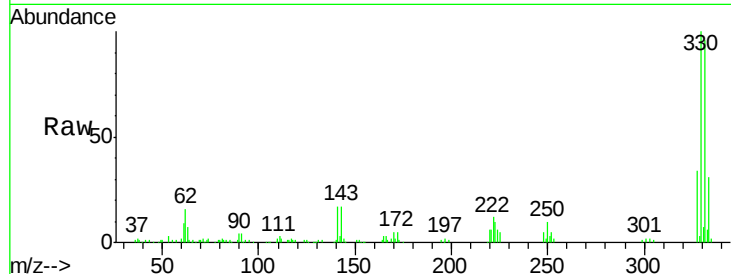




#41
 2,4,6-Tribromophenol
 Concen: 116.88 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088373.D
 Acq: 25 Jun 2016 13:22

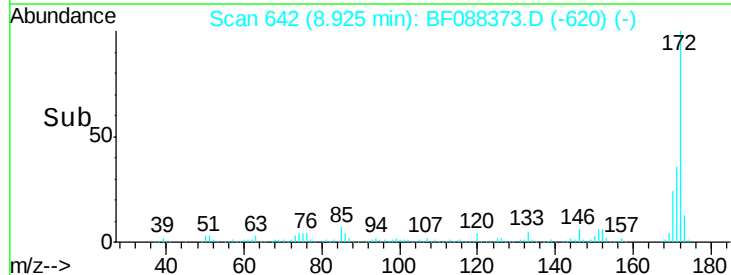
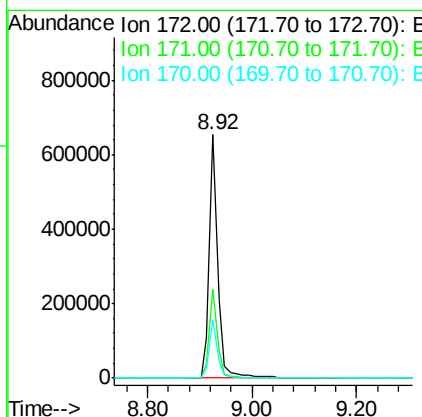
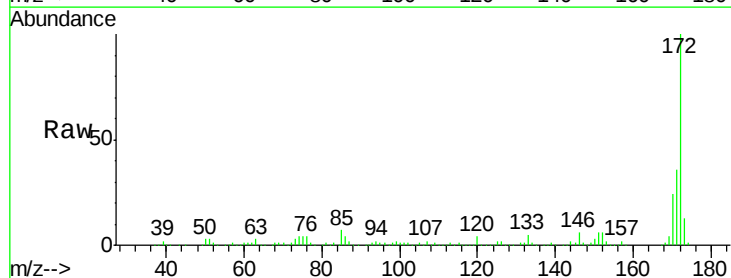
Instrument :
 BNA_F
 ClientSampleId :
 P8-B2(0-12)C

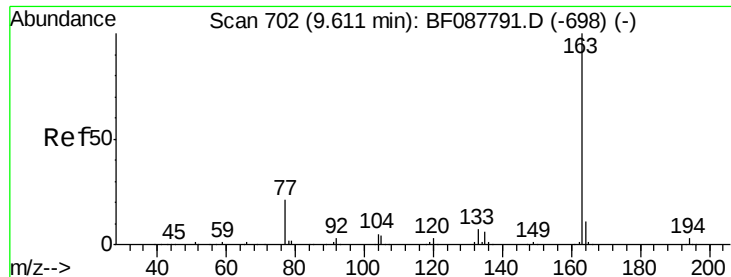
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	34.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 82.60 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088373.D
 Acq: 25 Jun 2016 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.9	19.2	28.8

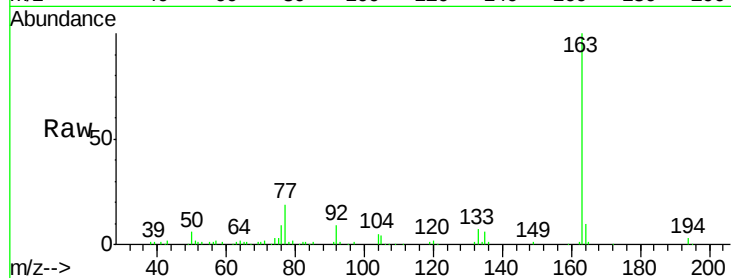




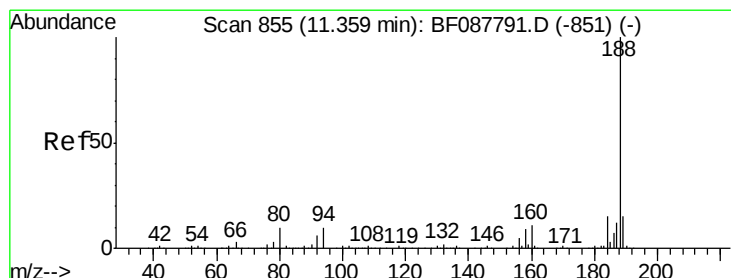
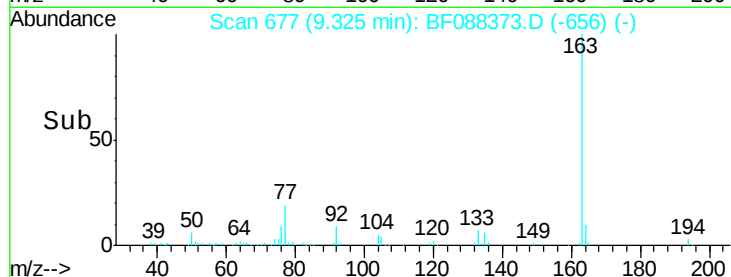
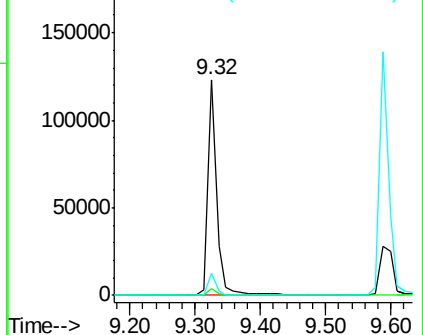
#49
Dimethylphthalate
Concen: 11.44 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088373.D
Acq: 25 Jun 2016 13:22

Instrument :
BNA_F
ClientSampleId :
P8-B2(0-12)C

Tot Ion:163 Resp: 116471
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.3 8.3 12.5

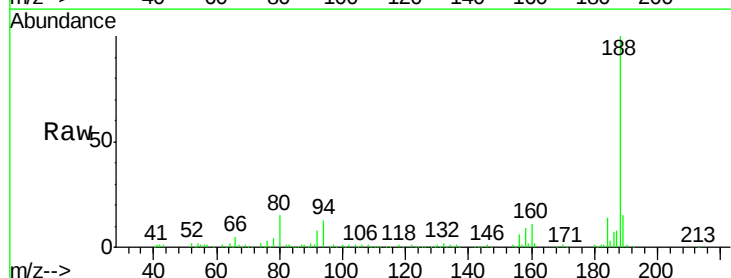


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

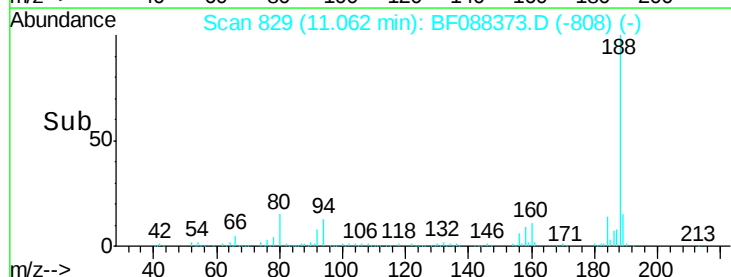
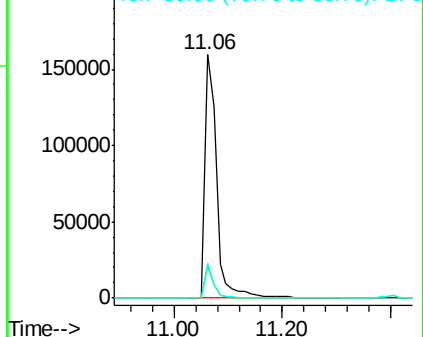


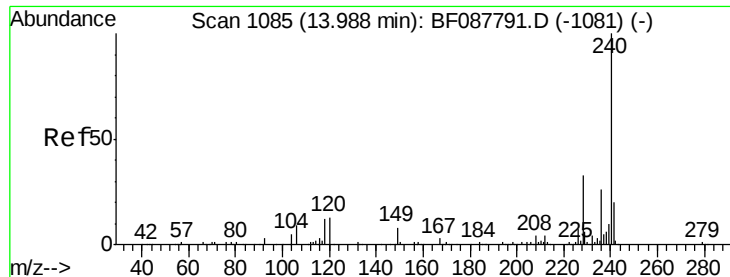
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088373.D
Acq: 25 Jun 2016 13:22

Tgt Ion:188 Resp: 236312
Ion Ratio Lower Upper
188 100
94 13.1 9.0 13.6
80 14.5 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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088373.D

Acq: 25 Jun 2016 13:22

Instrument :

BNA_F

ClientSampleId :

P8-B2(0-12)C

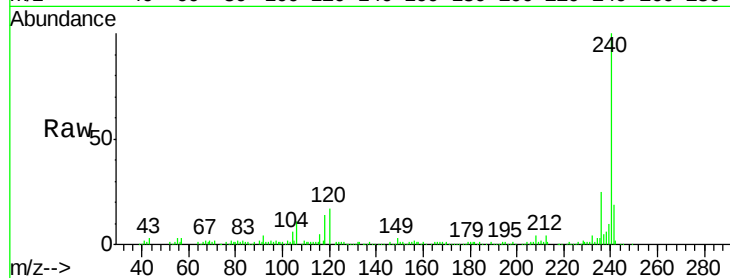
Tot Ion:240 Resp: 154926

Ion Ratio Lower Upper

240 100

120 16.5 6.8 10.2#

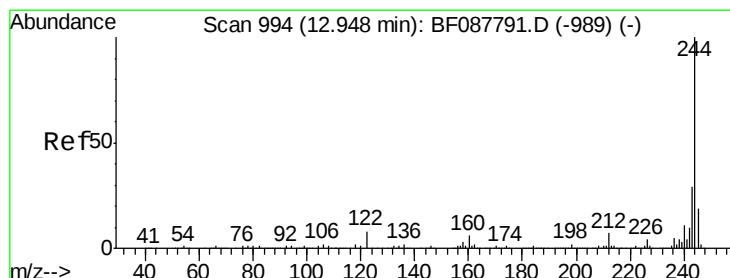
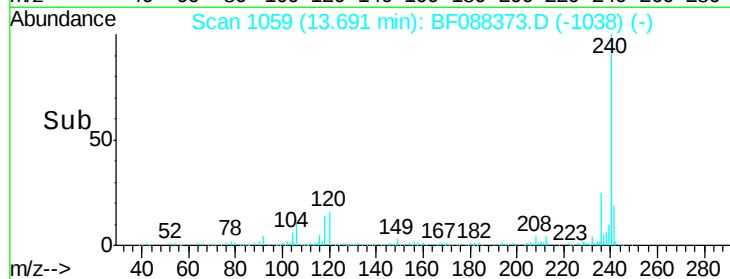
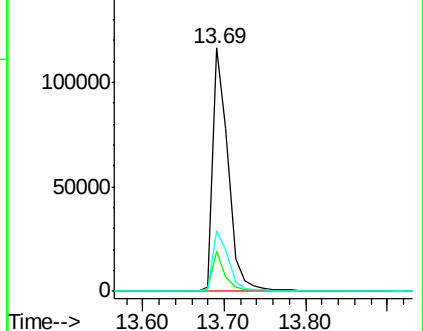
236 24.8 20.2 30.2



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: 67.28 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.03 min

Lab File: BF088373.D

Acq: 25 Jun 2016 13:22

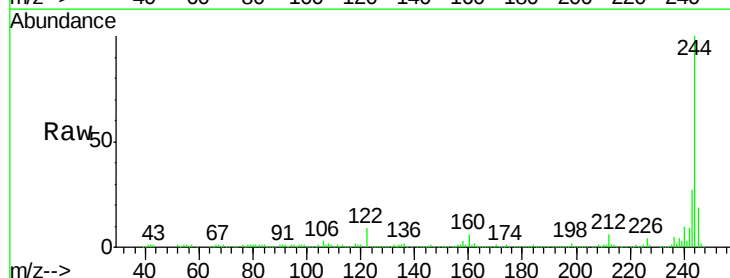
Tgt Ion:244 Resp: 458088

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

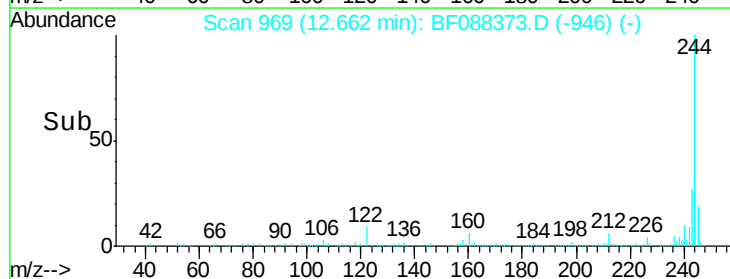
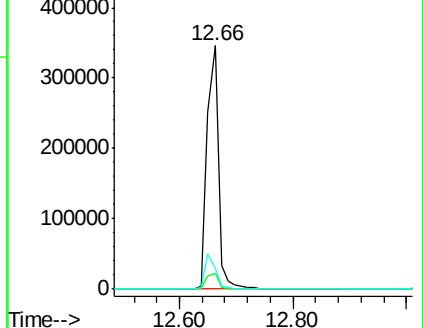
122 8.8 11.2 16.8#

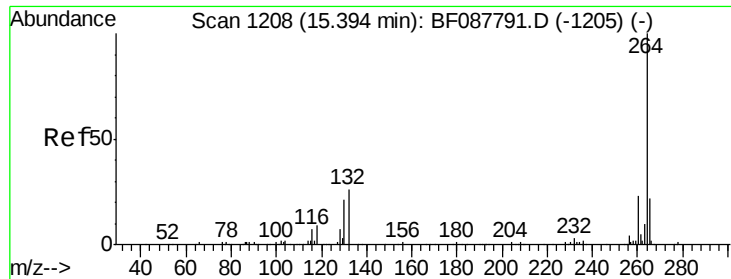


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

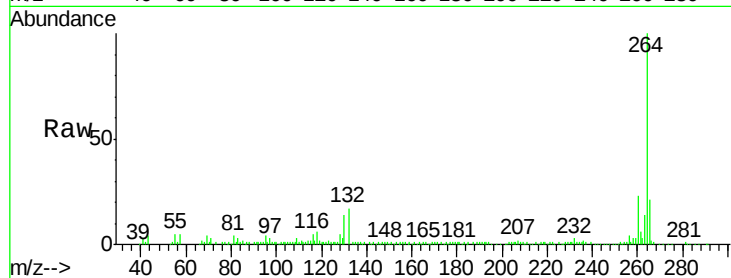




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088373.D
Acq: 25 Jun 2016 13:22

Instrument :
BNA_F
ClientSampleId :
P8-B2(0-12)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	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

