

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088256.D
 Acq On : 22 Jun 2016 18:22
 Operator : UM/SJ
 Sample : H3514-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-B2(8-15)C

Quant Time: Jun 22 19:02:54 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

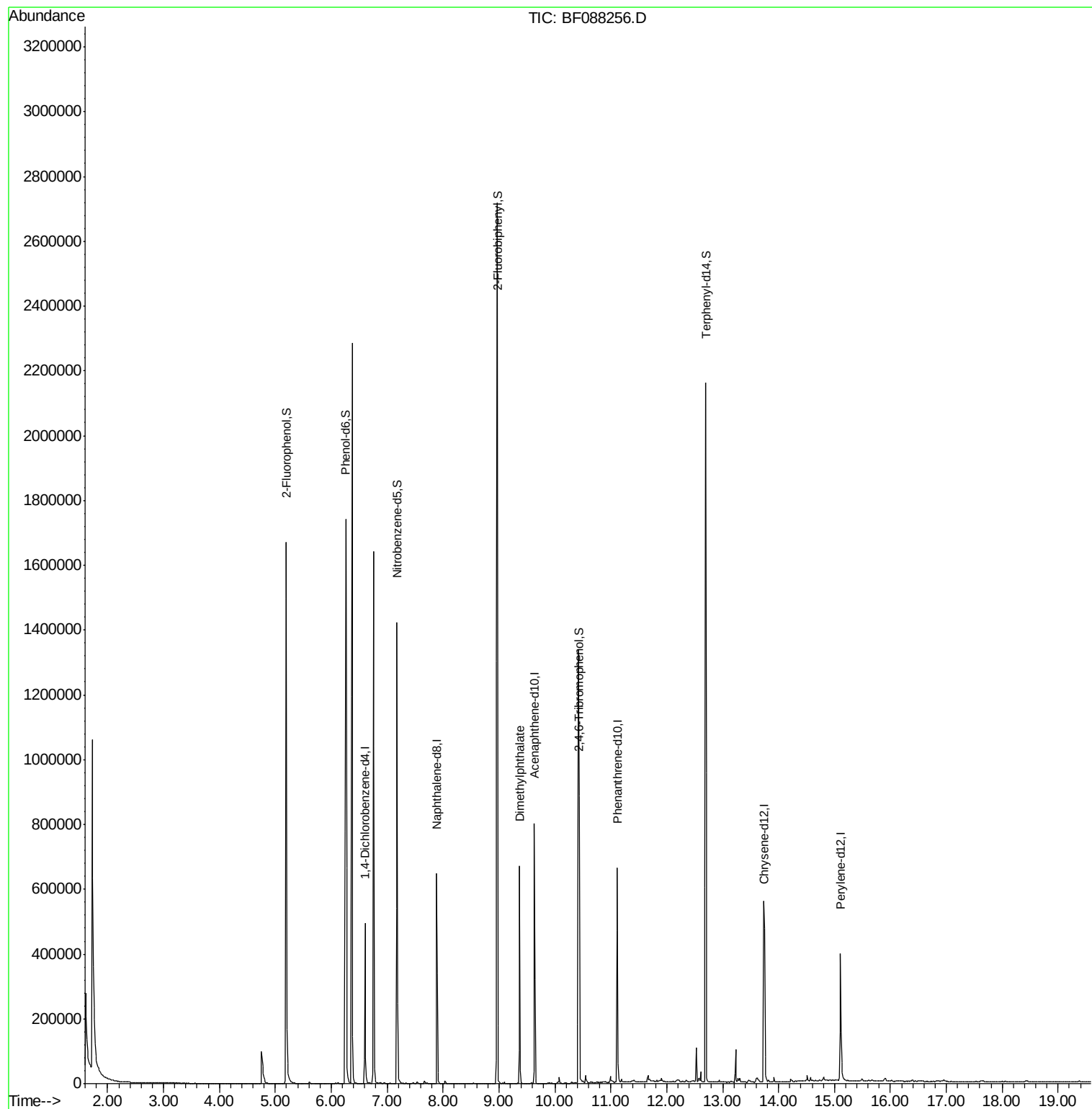
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	85768	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	372798	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	174122	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	328694	20.00	ng	0.00
75) Chrysene-d12	13.75	240	273714	20.00	ng	0.00
86) Perylene-d12	15.11	264	193072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	775712	154.62	ng	0.02
7) Phenol-d6	6.26	99	891047	146.55	ng	0.00
23) Nitrobenzene-d5	7.18	82	557951	87.40	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	238551	129.75	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	990123	89.63	ng	0.00
78) Terphenyl-d14	12.70	244	849444	70.62	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	276264	21.90	ng	99

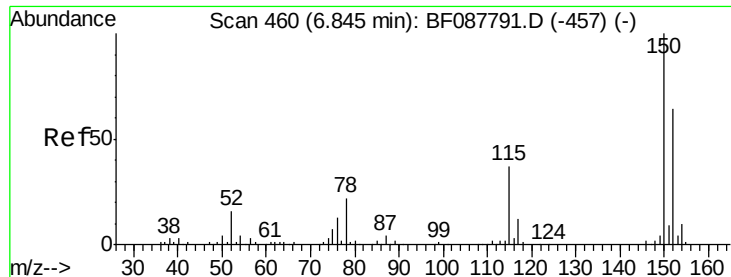
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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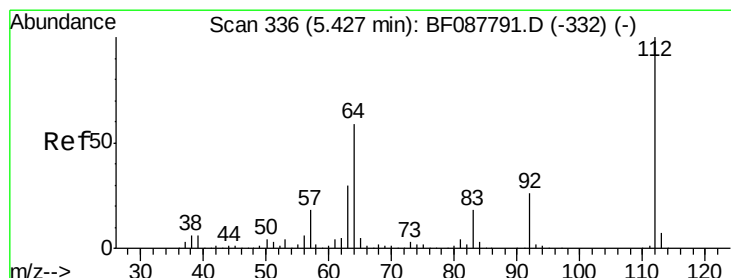
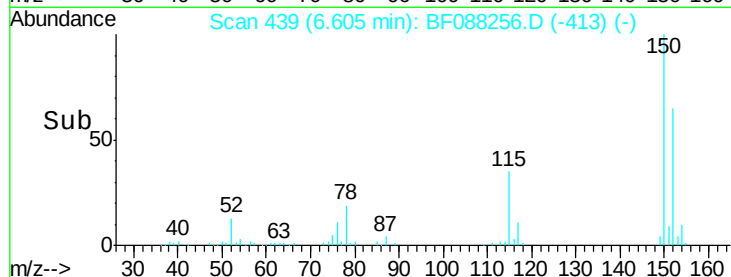
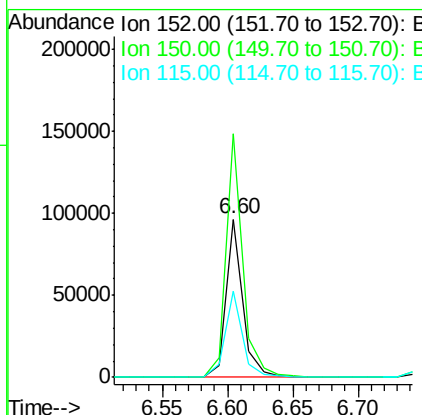
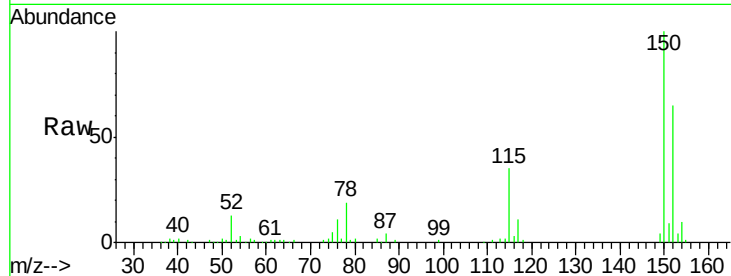


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088256.D
Acq: 22 Jun 2016 18:22

Instrument :
BNA_F
ClientSampleId :
S5-B2(8-15)C

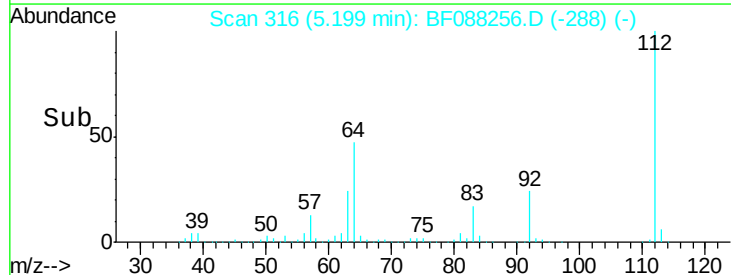
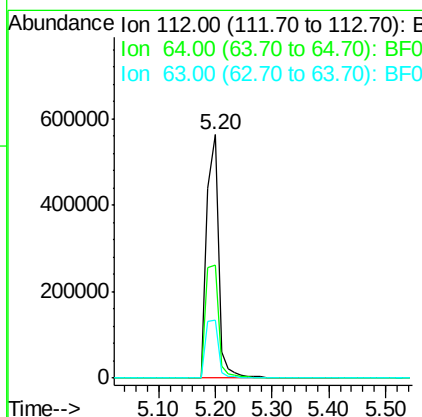
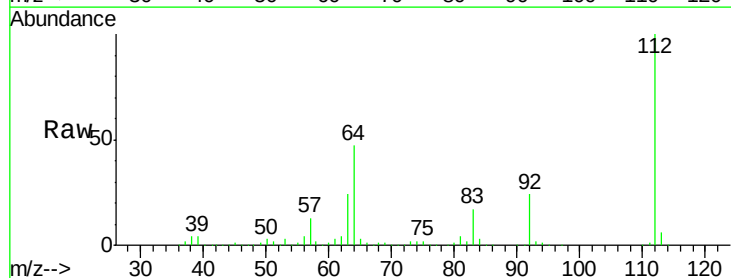
Tot Ion:152 Resp: 85768
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 54.4 39.6 59.4

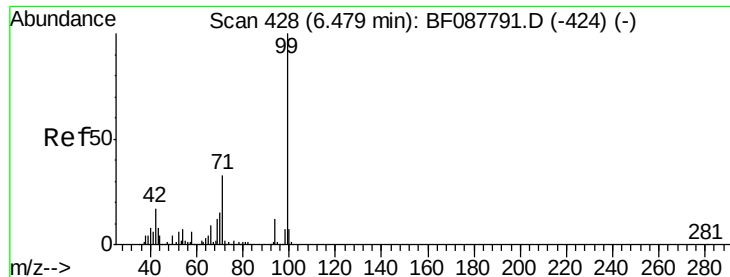


#5

2-Fluorophenol
Concen: 154.62 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088256.D
Acq: 22 Jun 2016 18:22

Tgt Ion:112 Resp: 775712
Ion Ratio Lower Upper
112 100
64 46.6 42.2 63.2
63 24.0 21.8 32.8





#7

Phenol-d6

Concen: 146.55 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088256.D

Acq: 22 Jun 2016 18:22

Instrument :

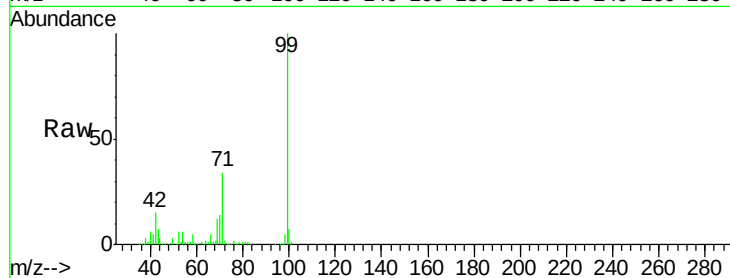
BNA_F

ClientSampleId :

S5-B2(8-15)C

Tot Ion: 99 Resp: 891047

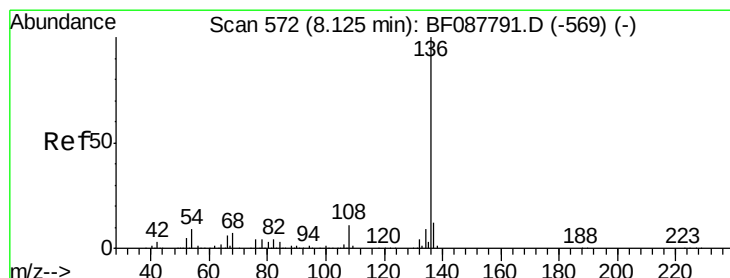
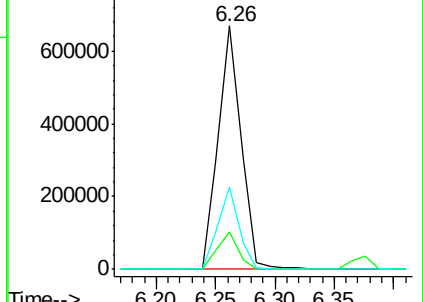
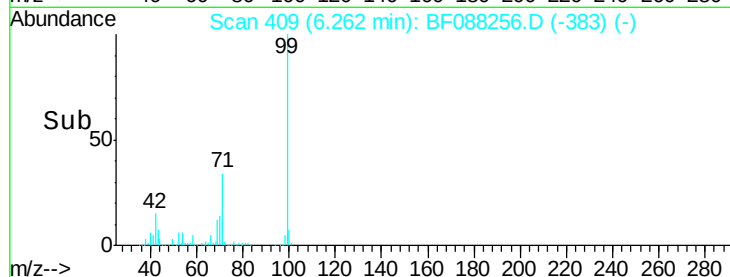
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	34.1	23.4	35.0



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: 7.88 min Scan# 551

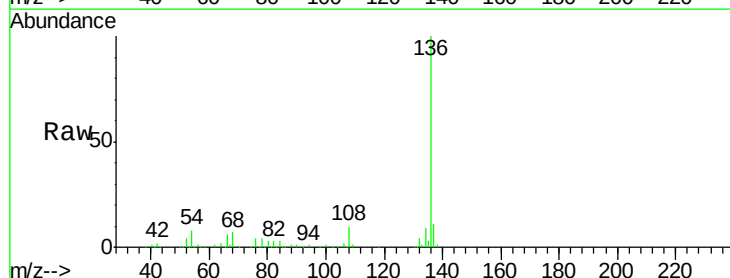
Delta R.T. -0.01 min

Lab File: BF088256.D

Acq: 22 Jun 2016 18:22

Tgt Ion: 136 Resp: 372798

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.0	6.6	10.0
68	6.5	5.1	7.7

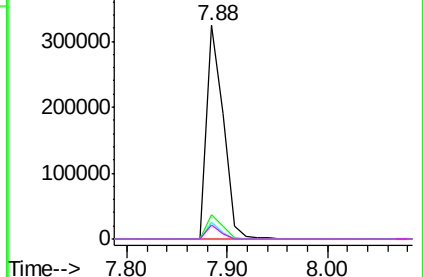
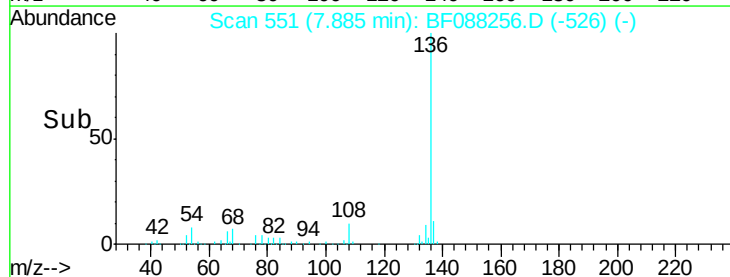


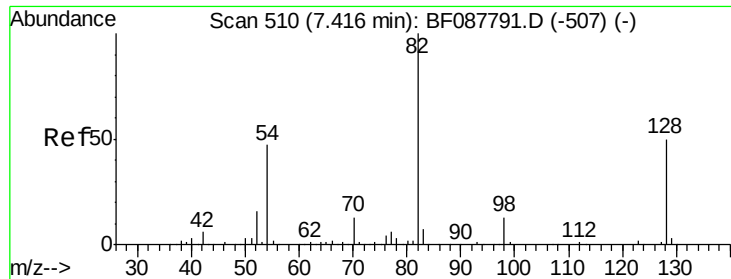
Abundance Ion 136.00 (135.70 to 136.70): E

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

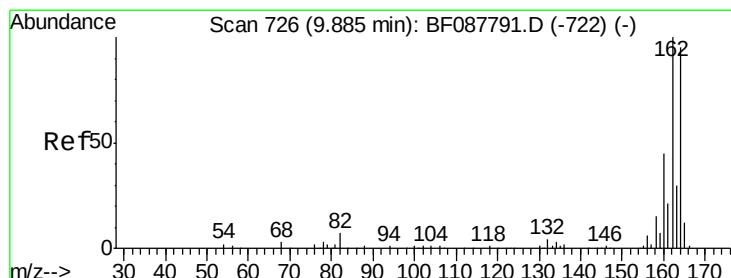
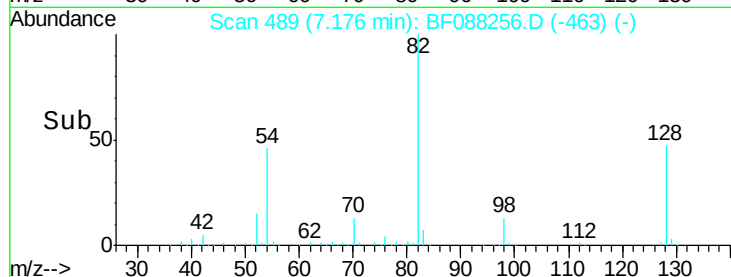
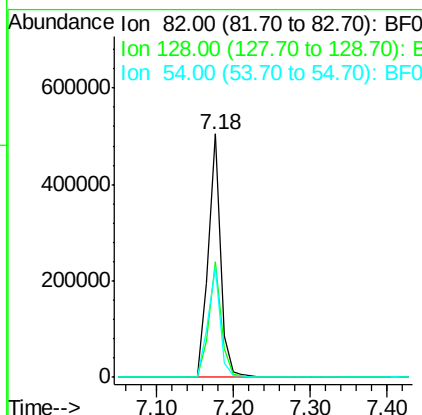
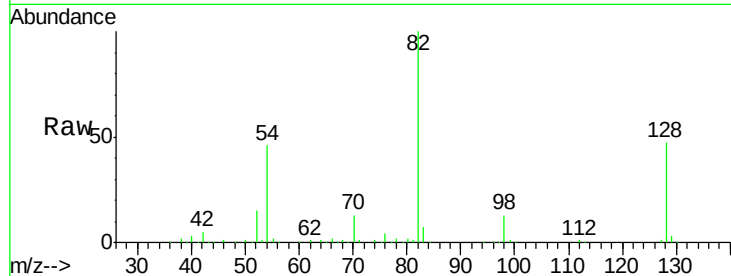




#23
 Nitrobenzene-d5
 Concen: 87.40 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088256.D
 Acq: 22 Jun 2016 18:22

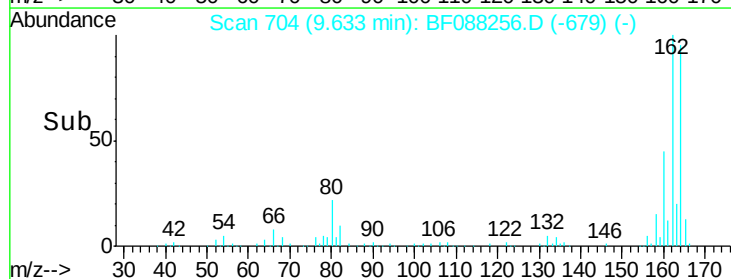
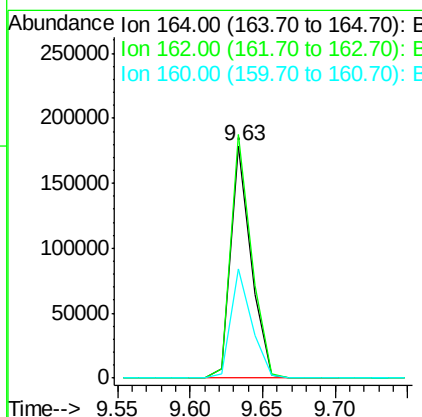
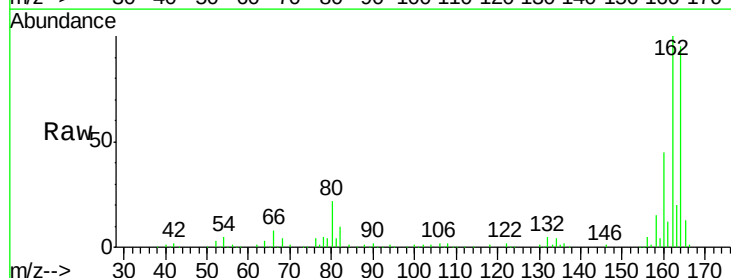
Instrument :
 BNA_F
 ClientSampleId :
 S5-B2(8-15)C

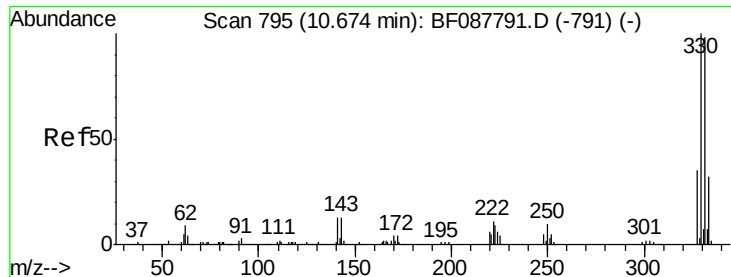
Tot Ion: 82 Resp: 557951
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.9 53.9
 54 45.5 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088256.D
 Acq: 22 Jun 2016 18:22

Tgt Ion:164 Resp: 174122
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.4 128.2
 160 46.8 39.5 59.3

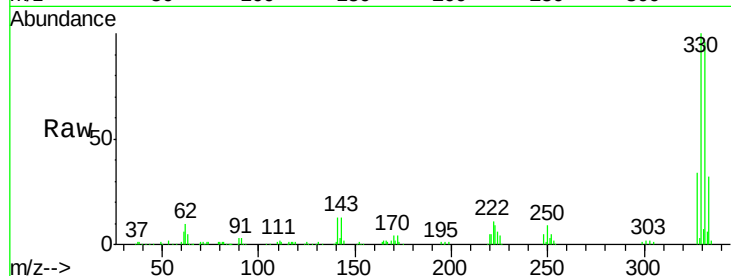




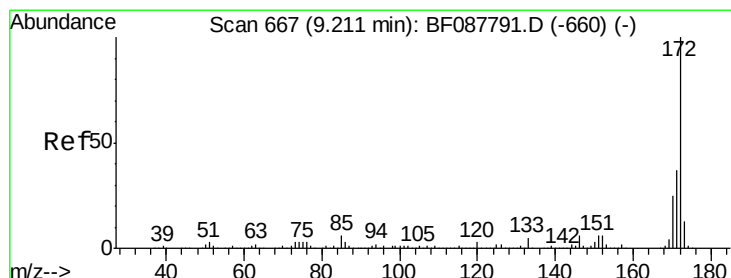
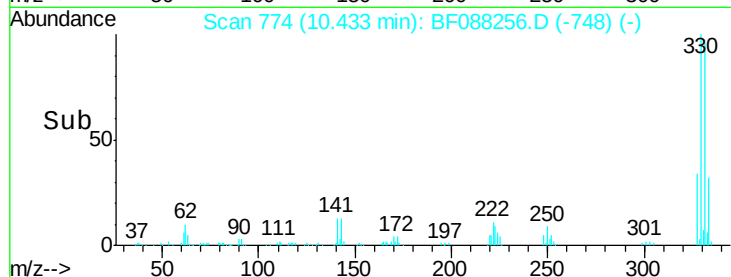
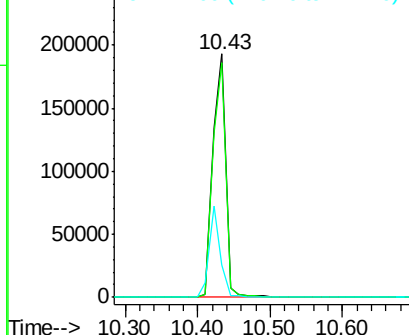
#41
 2,4,6-Tribromophenol
 Concen: 129.75 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088256.D
 Acq: 22 Jun 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 S5-B2(8-15)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	32.5	0.0	0.0#

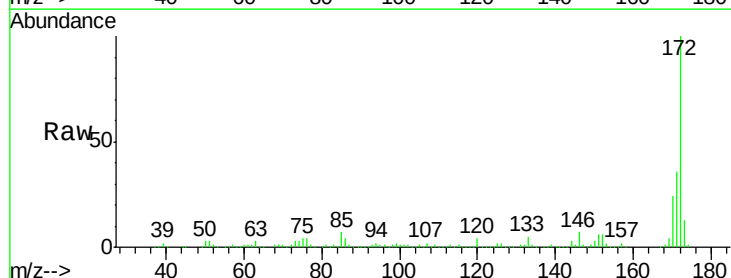


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

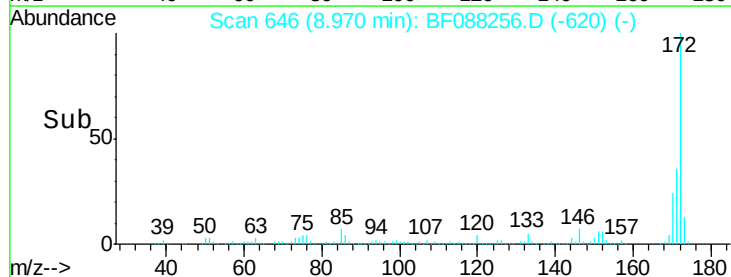
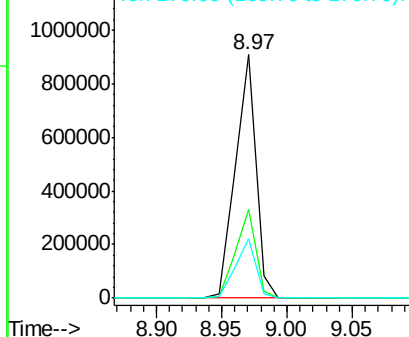


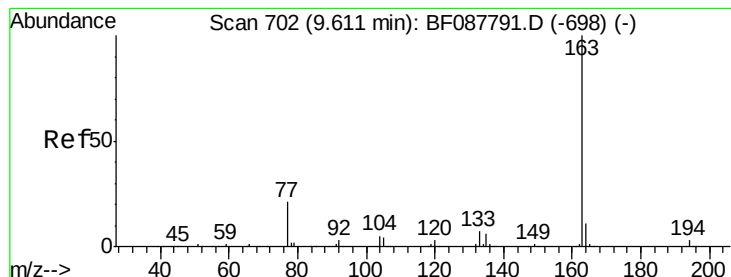
#44
 2-Fluorobiphenyl
 Concen: 89.63 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088256.D
 Acq: 22 Jun 2016 18:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.3	19.2	28.8



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: 21.90 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088256.D

Acq: 22 Jun 2016 18:22

Instrument :

BNA_F

ClientSampleId :

S5-B2(8-15)C

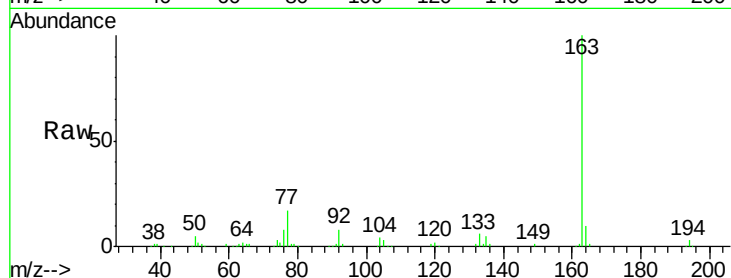
Tot Ion:163 Resp: 276264

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

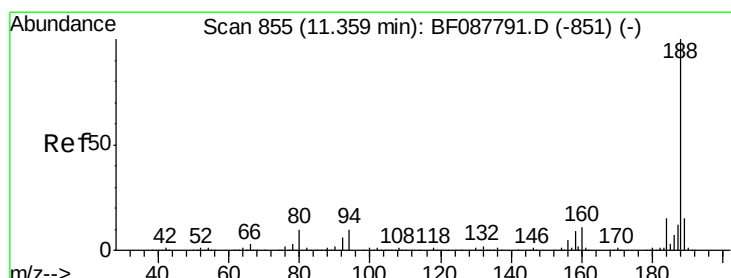
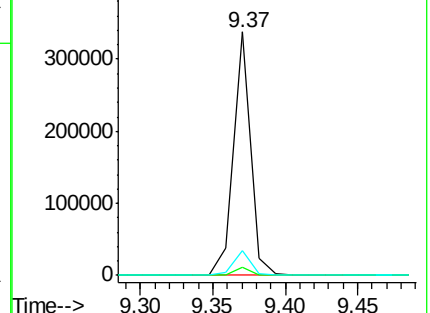
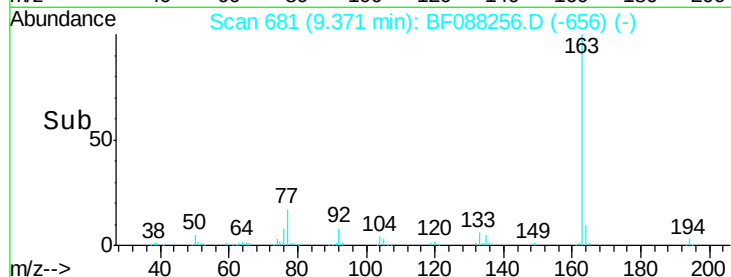
164 9.9 8.3 12.5



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: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088256.D

Acq: 22 Jun 2016 18:22

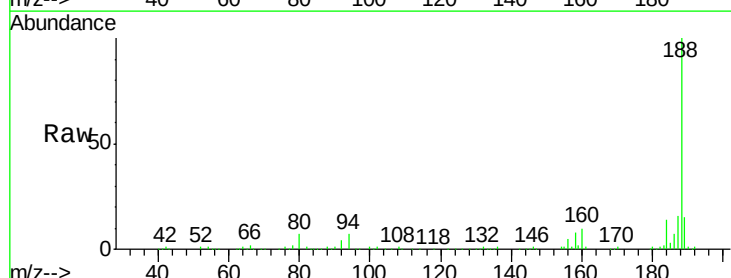
Tgt Ion:188 Resp: 328694

Ion Ratio Lower Upper

188 100

94 7.1 9.0 13.6#

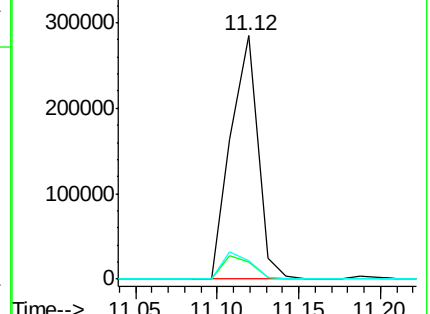
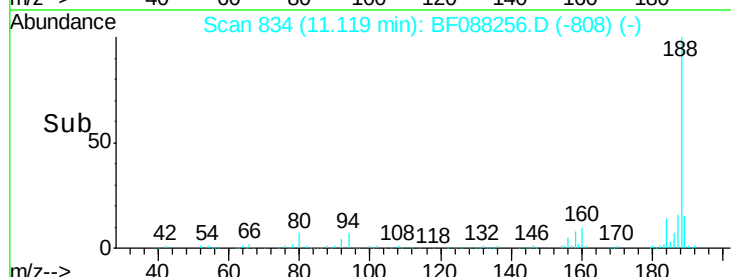
80 7.4 10.0 15.0#

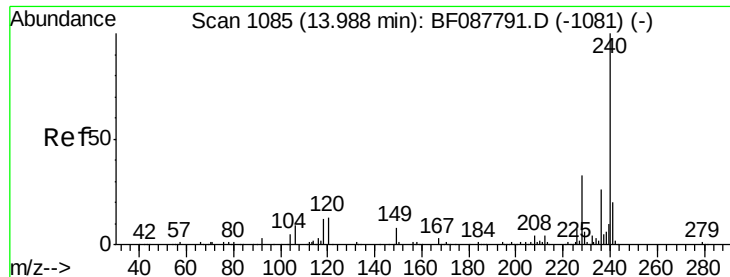


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088256.D

Acq: 22 Jun 2016 18:22

Instrument :

BNA_F

ClientSampleId :

S5-B2(8-15)C

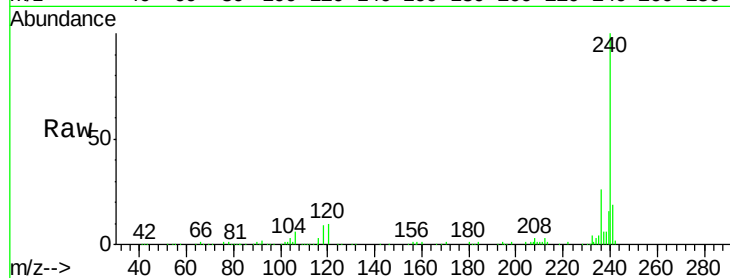
Tot Ion:240 Resp: 273714

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

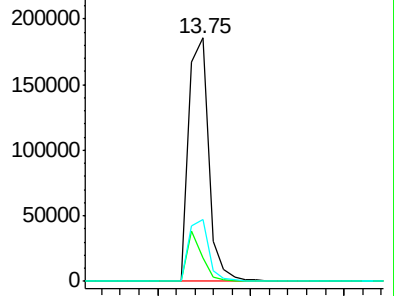
236 25.6 20.2 30.2



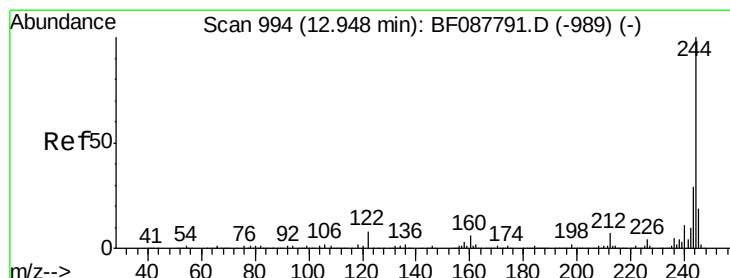
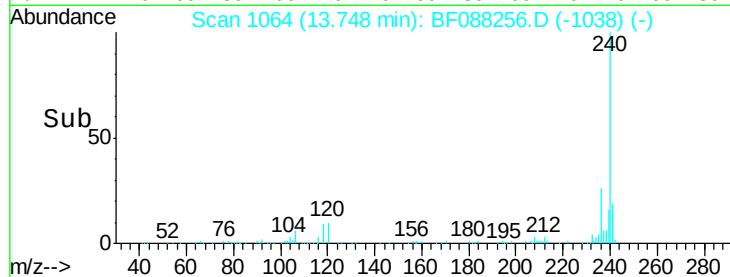
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 70.62 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088256.D

Acq: 22 Jun 2016 18:22

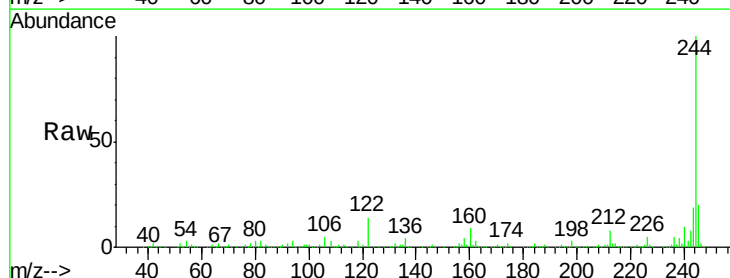
Tgt Ion:244 Resp: 849444

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

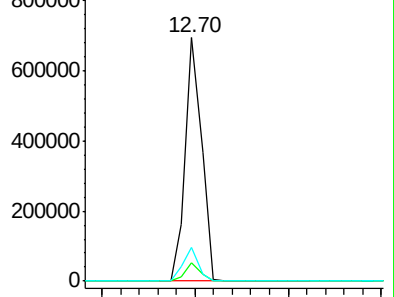
122 14.1 11.2 16.8



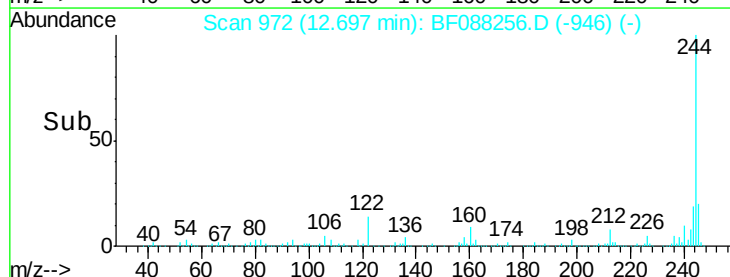
Abundance Ion 244.00 (243.70 to 244.70): E

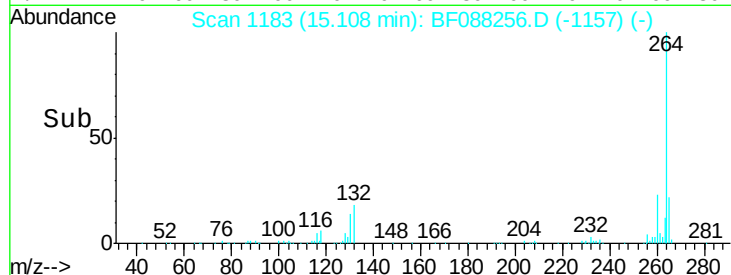
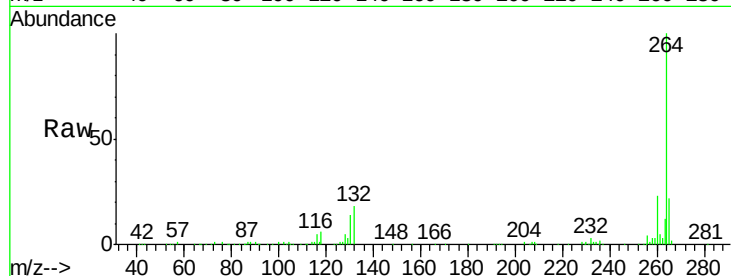
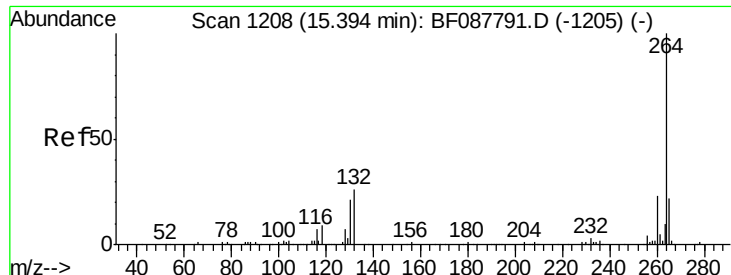
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088256.D
 Acq: 22 Jun 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 S5-B2(8-15)C

Tot Ion:	264	Resp:	193072
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.7	16.9	25.3

