

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088251.D
 Acq On : 22 Jun 2016 15:56
 Operator : UM/SJ
 Sample : H3514-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5-B200-C

Quant Time: Jun 22 17:06:55 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

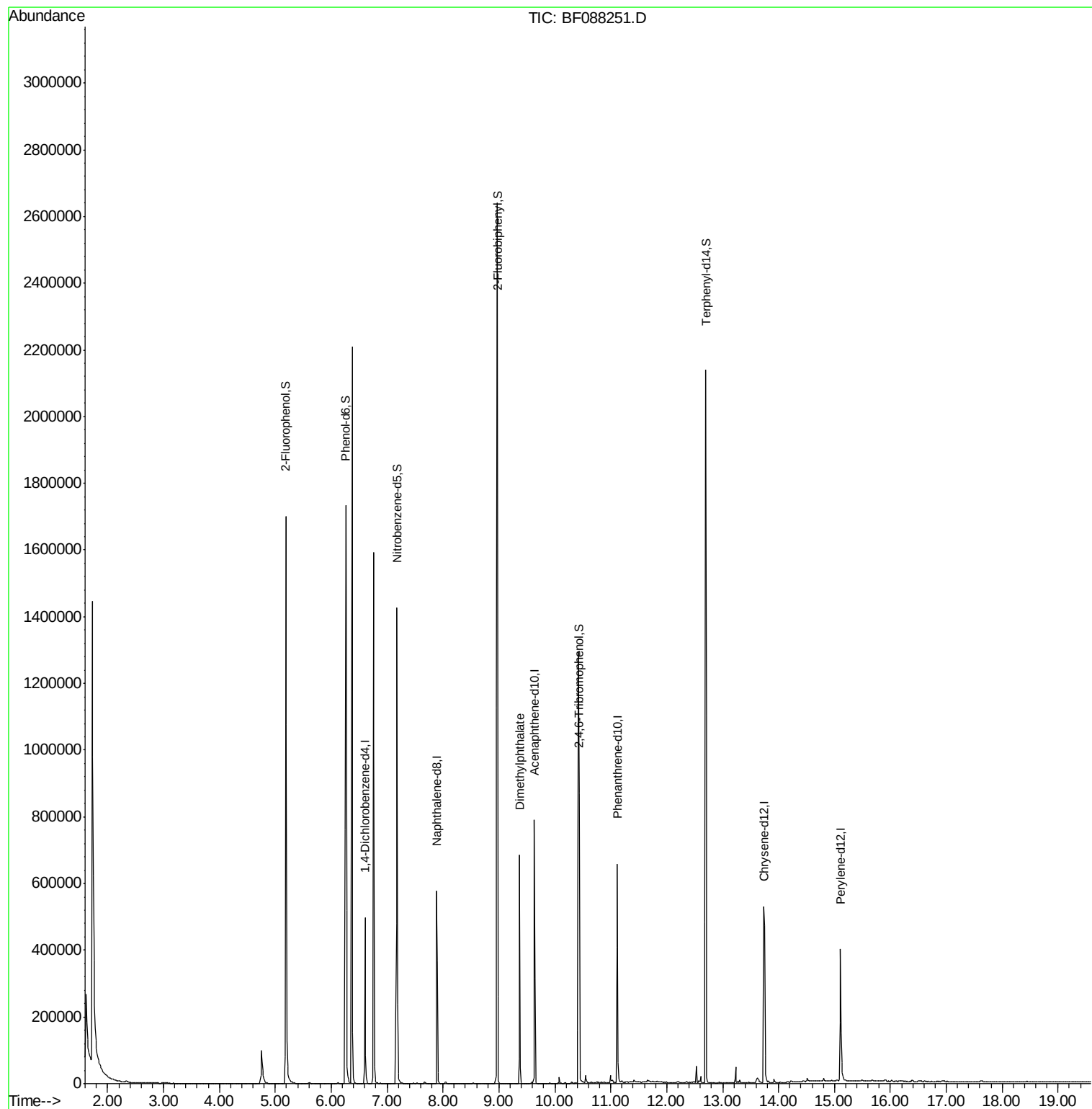
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	82965	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	359330	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	170622	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	309277	20.00	ng	0.00
75) Chrysene-d12	13.75	240	274745	20.00	ng	0.00
86) Perylene-d12	15.11	264	201730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	699147	144.06	ng	0.01
7) Phenol-d6	6.26	99	839070	142.66	ng	0.00
23) Nitrobenzene-d5	7.18	82	543093	88.26	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	232894	129.27	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	947049	87.35	ng	0.00
78) Terphenyl-d14	12.70	244	854909	70.81	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	274788	22.23	ng	99

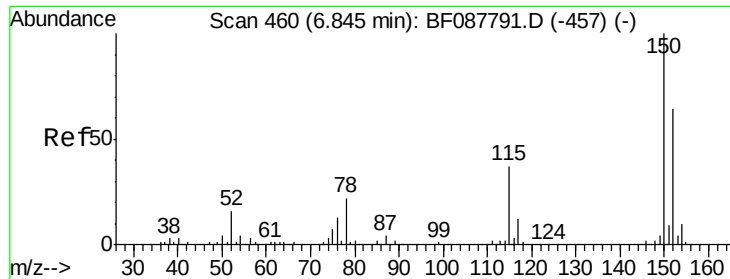
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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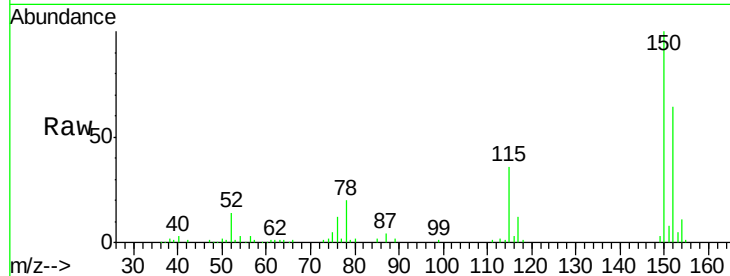


#1

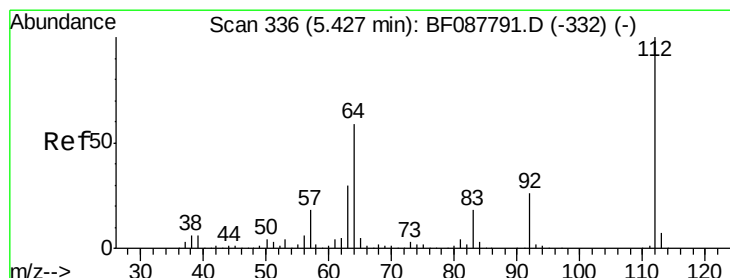
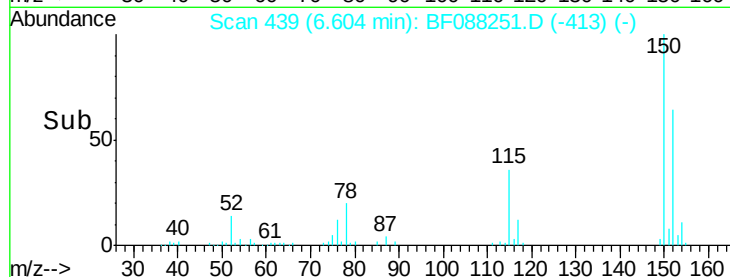
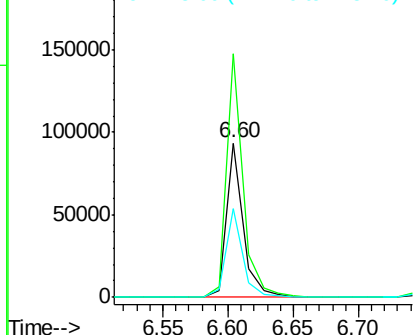
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tot Ion:152 Resp: 82965
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 57.1 39.6 59.4



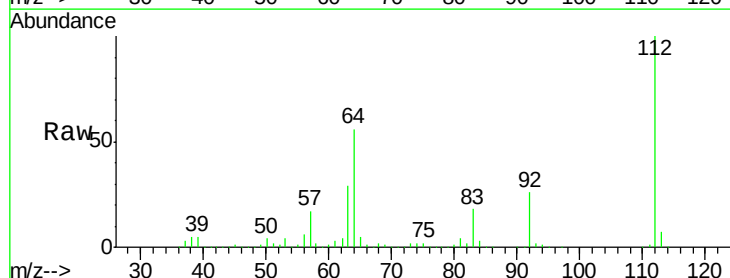
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



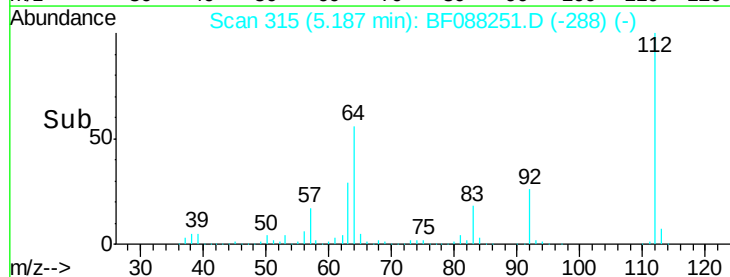
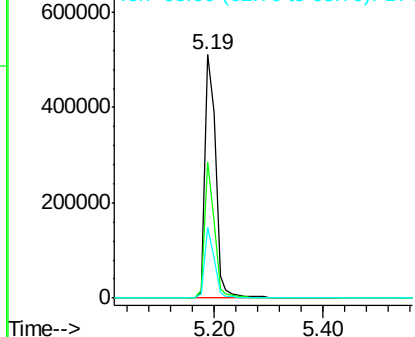
#5

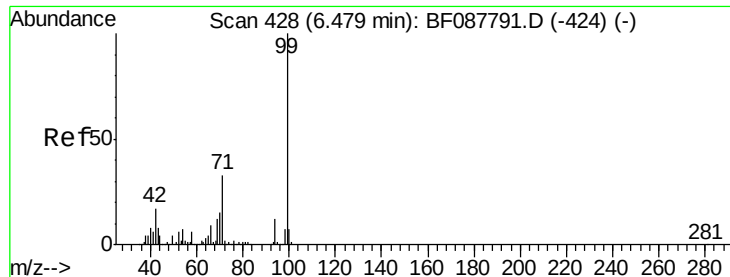
2-Fluorophenol
Concen: 144.06 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:112 Resp: 699147
Ion Ratio Lower Upper
112 100
64 55.8 42.2 63.2
63 29.0 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: 142.66 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF088251.D

Acq: 22 Jun 2016 15:56

Instrument :

BNA_F

ClientSampleId :

S5-B200-C

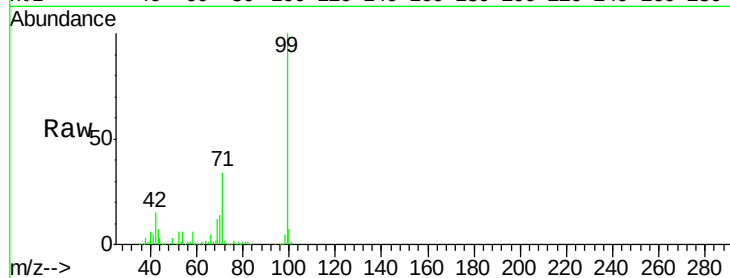
Tot Ion: 99 Resp: 839070

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

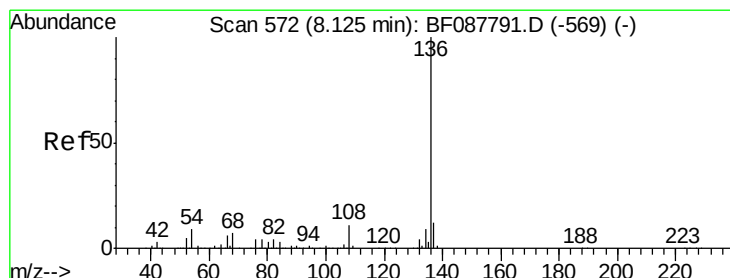
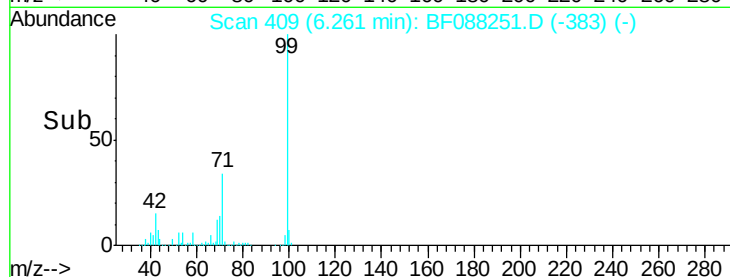
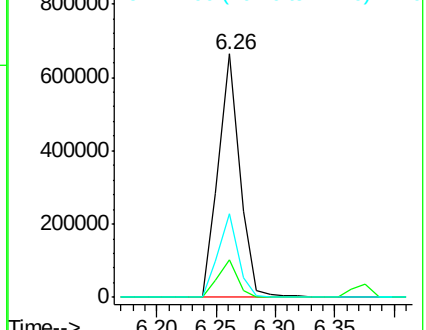
71 34.3 23.4 35.0



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: BF088251.D

Acq: 22 Jun 2016 15:56

Tgt Ion: 136 Resp: 359330

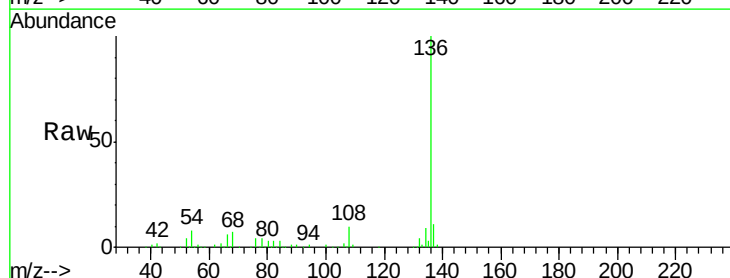
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.4 6.6 10.0

68 6.9 5.1 7.7

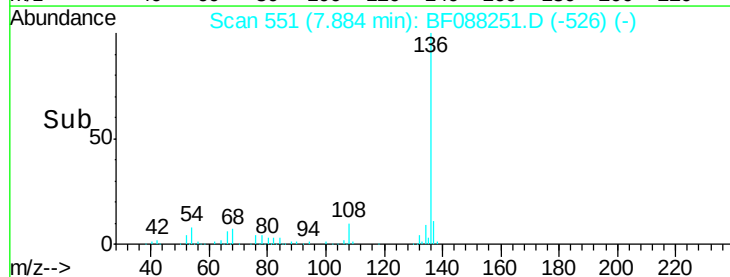
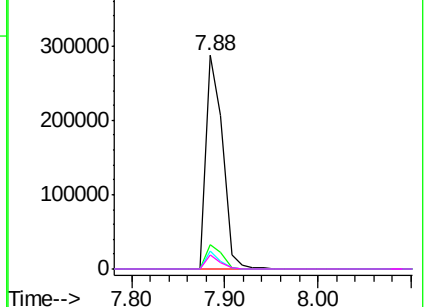


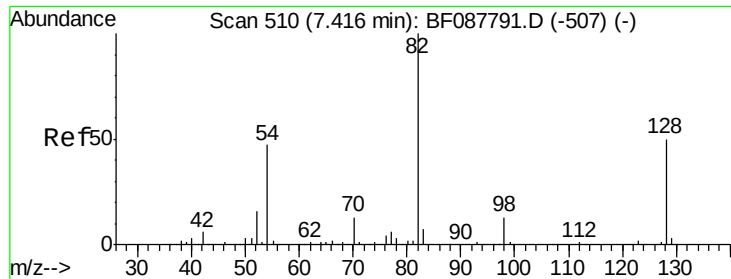
Abundance Ion 136.00 (135.70 to 136.70): E

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

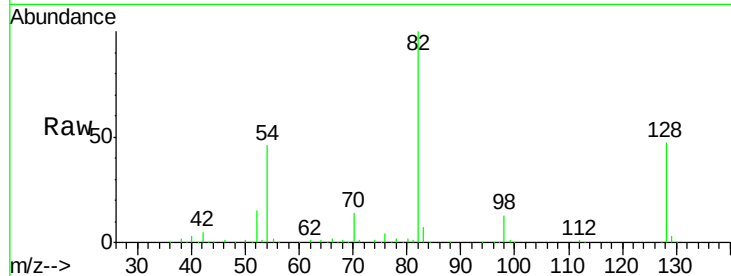




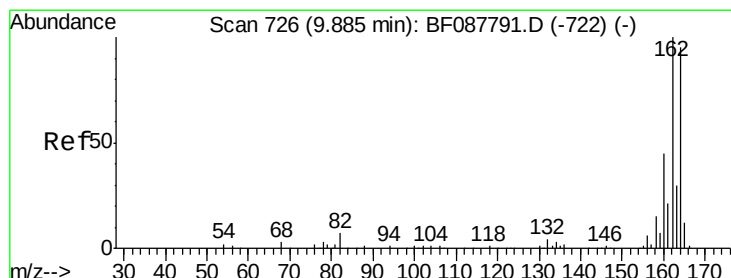
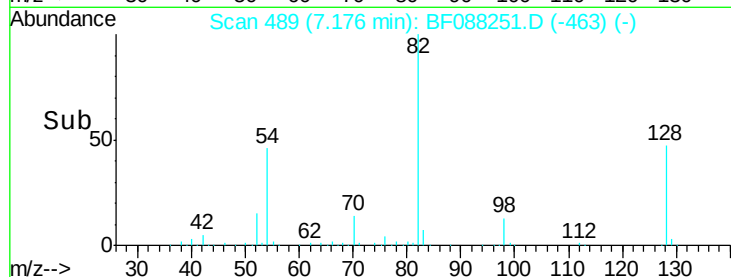
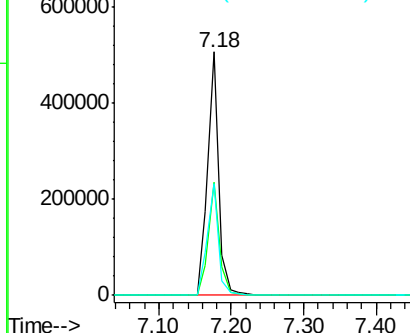
#23
 Nitrobenzene-d5
 Concen: 88.26 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF088251.D
 Acq: 22 Jun 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 S5-B200-C

Tot Ion: 82 Resp: 543093
 Ion Ratio Lower Upper
 82 100
 128 46.7 35.9 53.9
 54 45.9 40.9 61.3

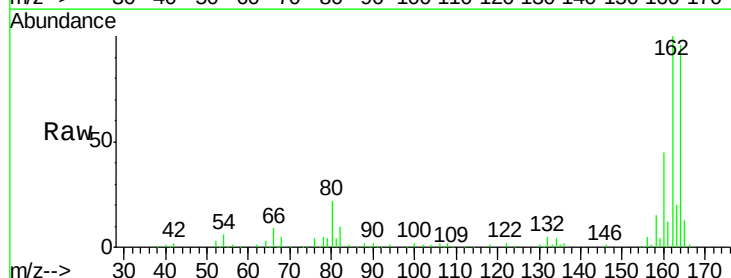


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

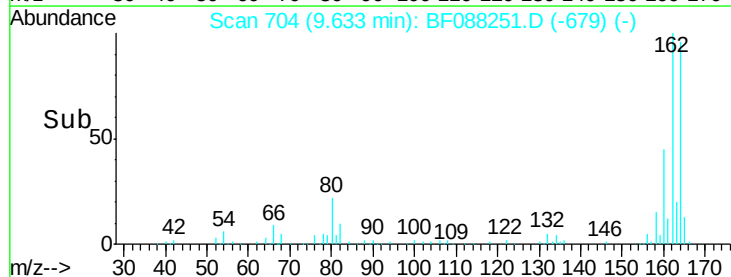
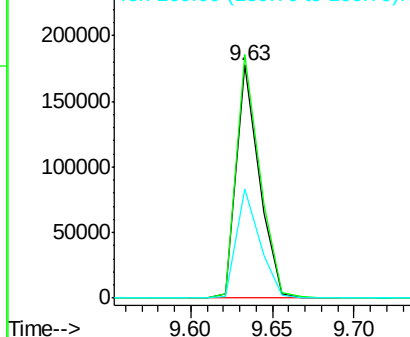


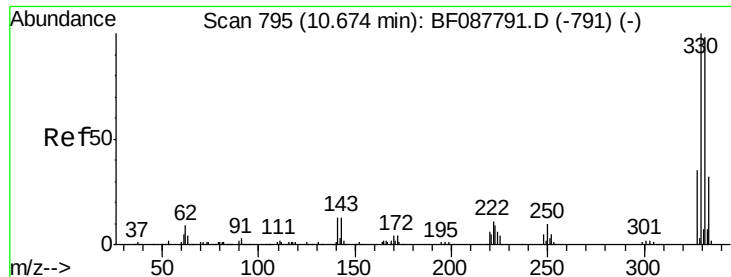
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088251.D
 Acq: 22 Jun 2016 15:56

Tgt Ion:164 Resp: 170622
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.4 128.2
 160 47.1 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

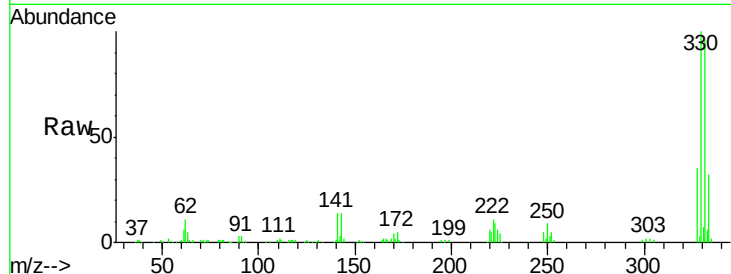




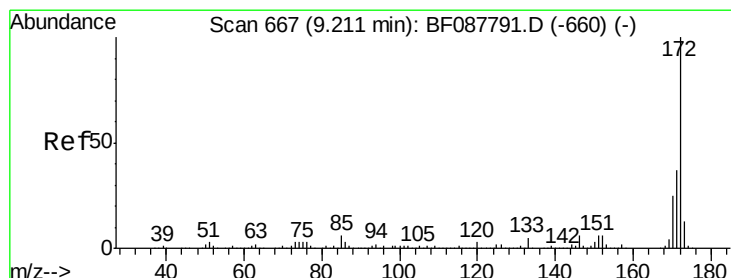
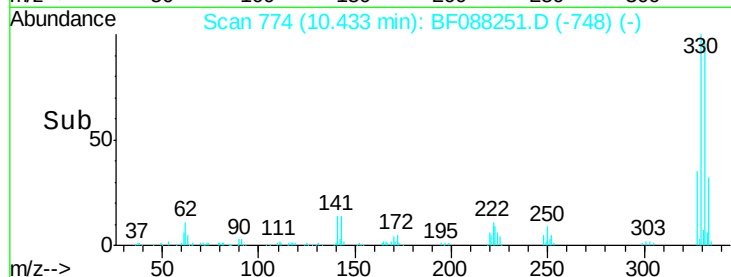
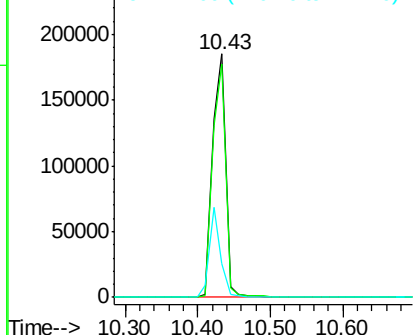
#41
 2,4,6-Tribromophenol
 Concen: 129.27 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088251.D
 Acq: 22 Jun 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 S5-B200-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	31.6	0.0	0.0#

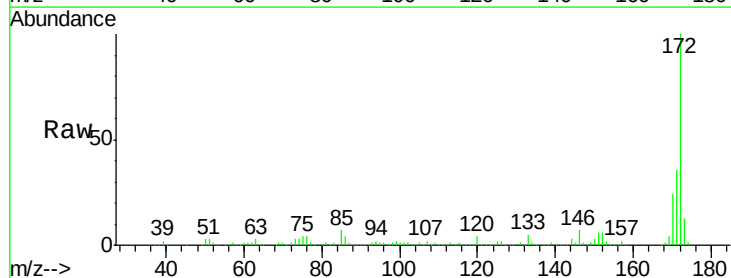


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

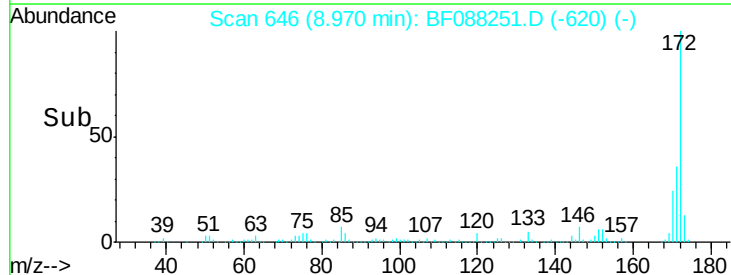
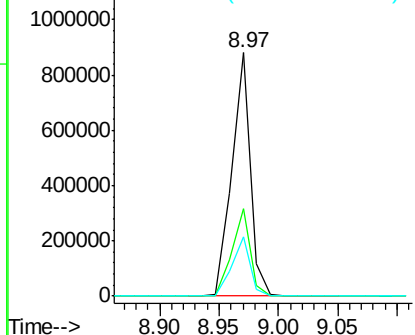


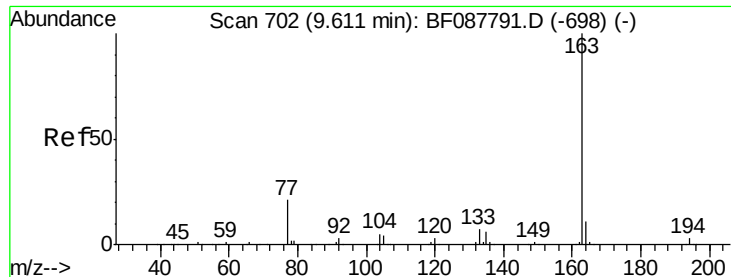
#44
 2-Fluorobiphenyl
 Concen: 87.35 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088251.D
 Acq: 22 Jun 2016 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	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: 22.23 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088251.D

Acq: 22 Jun 2016 15:56

Instrument :

BNA_F

ClientSampleId :

S5-B200-C

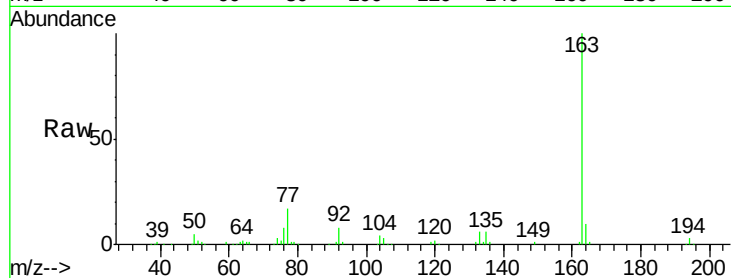
Tot Ion:163 Resp: 274788

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

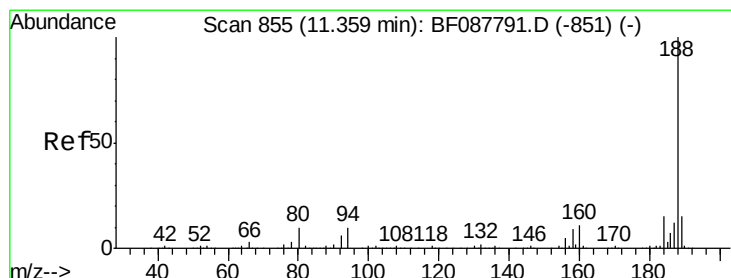
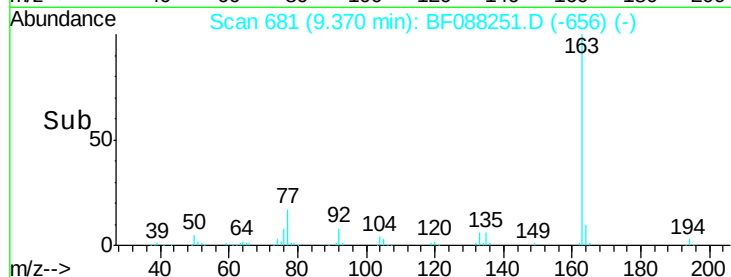
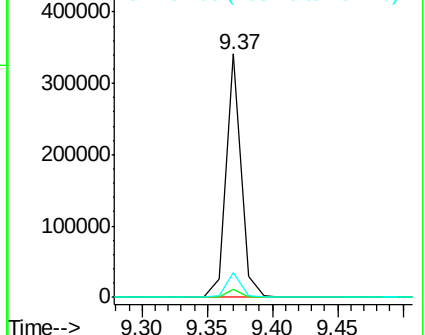
164 10.1 8.3 12.5



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: BF088251.D

Acq: 22 Jun 2016 15:56

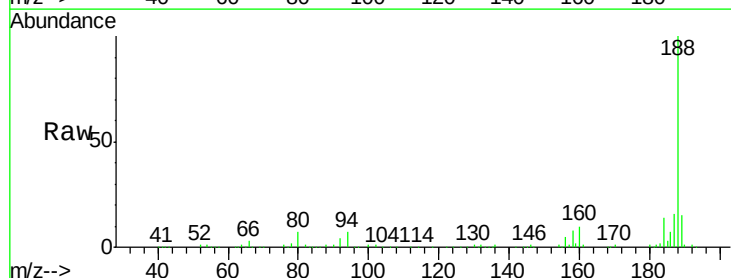
Tgt Ion:188 Resp: 309277

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.6#

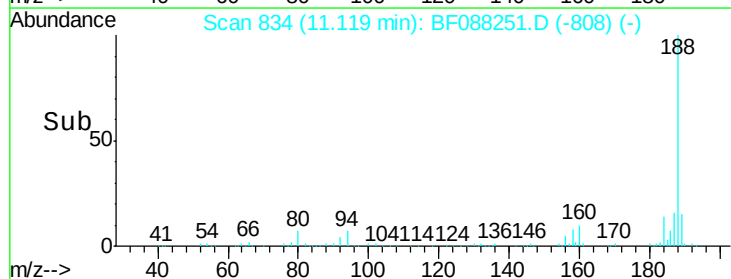
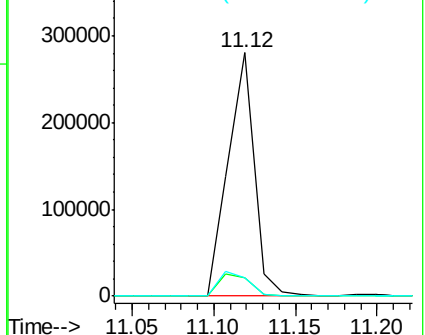
80 7.4 10.0 15.0#

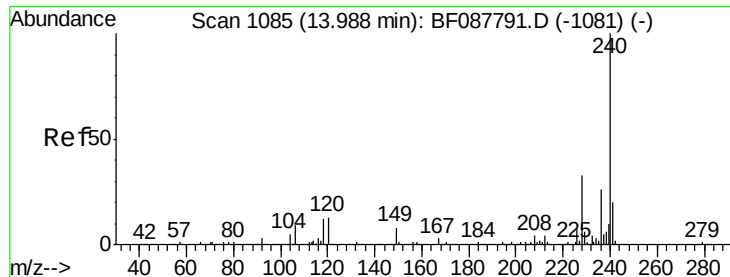


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF088251.D

Acq: 22 Jun 2016 15:56

Instrument :

BNA_F

ClientSampleId :

S5-B200-C

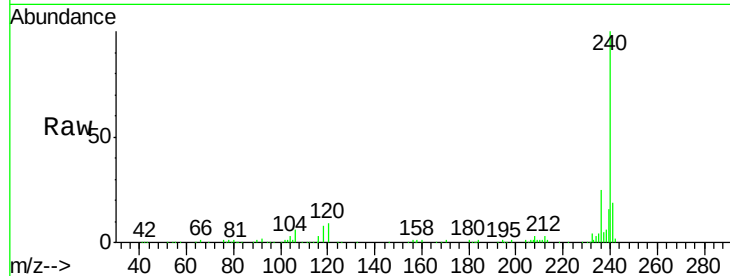
Tot Ion:240 Resp: 274745

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

236 25.4 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

250000

200000

150000

100000

50000

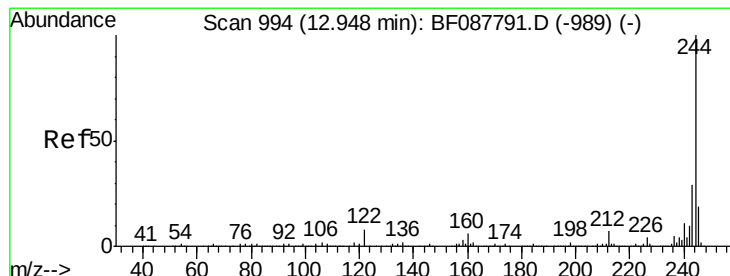
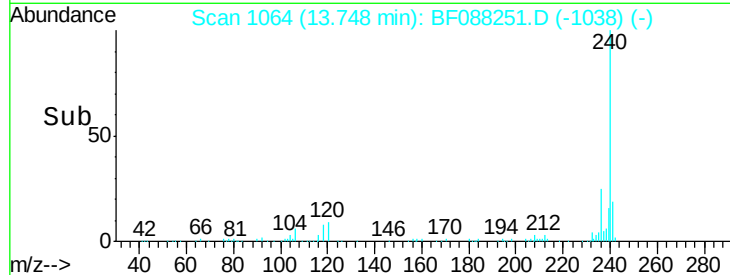
0

13.75

13.80

13.90

Time-->



#78

Terphenyl-d14

Concen: 70.81 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088251.D

Acq: 22 Jun 2016 15:56

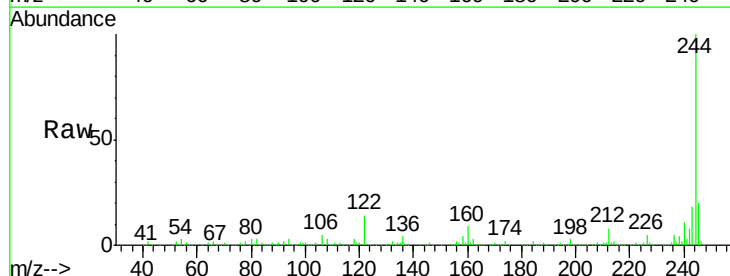
Tgt Ion:244 Resp: 854909

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 14.3 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

800000

600000

400000

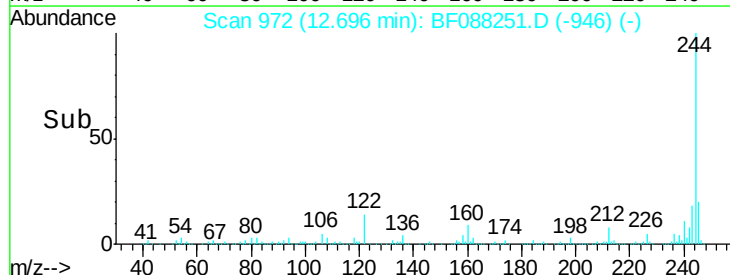
200000

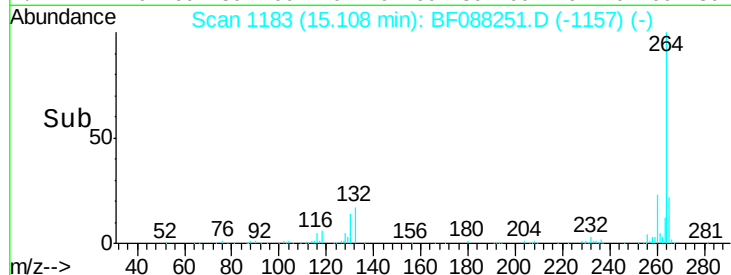
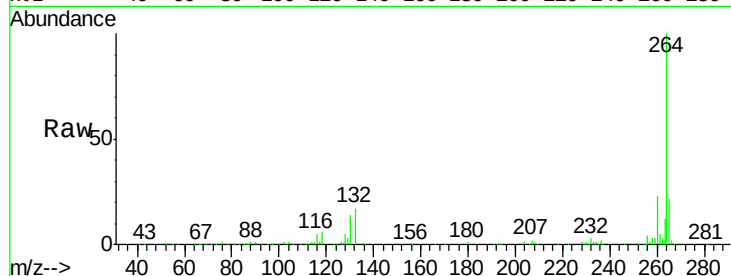
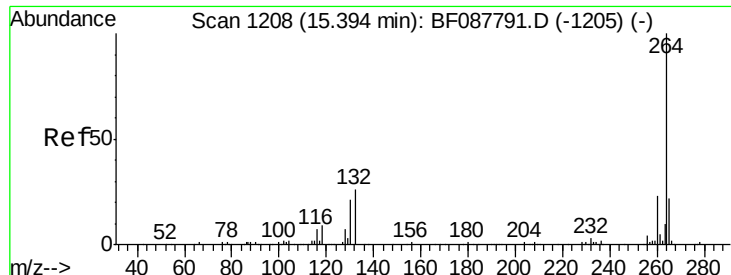
0

12.70

12.80

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tot Ion:	264	Resp:	201730
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	16.9	25.3

