

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087972.D
 Acq On : 13 Jun 2016 2:50
 Operator : UM/SJ
 Sample : H3473-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1160-(0-4)

Quant Time: Jun 13 06:53:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

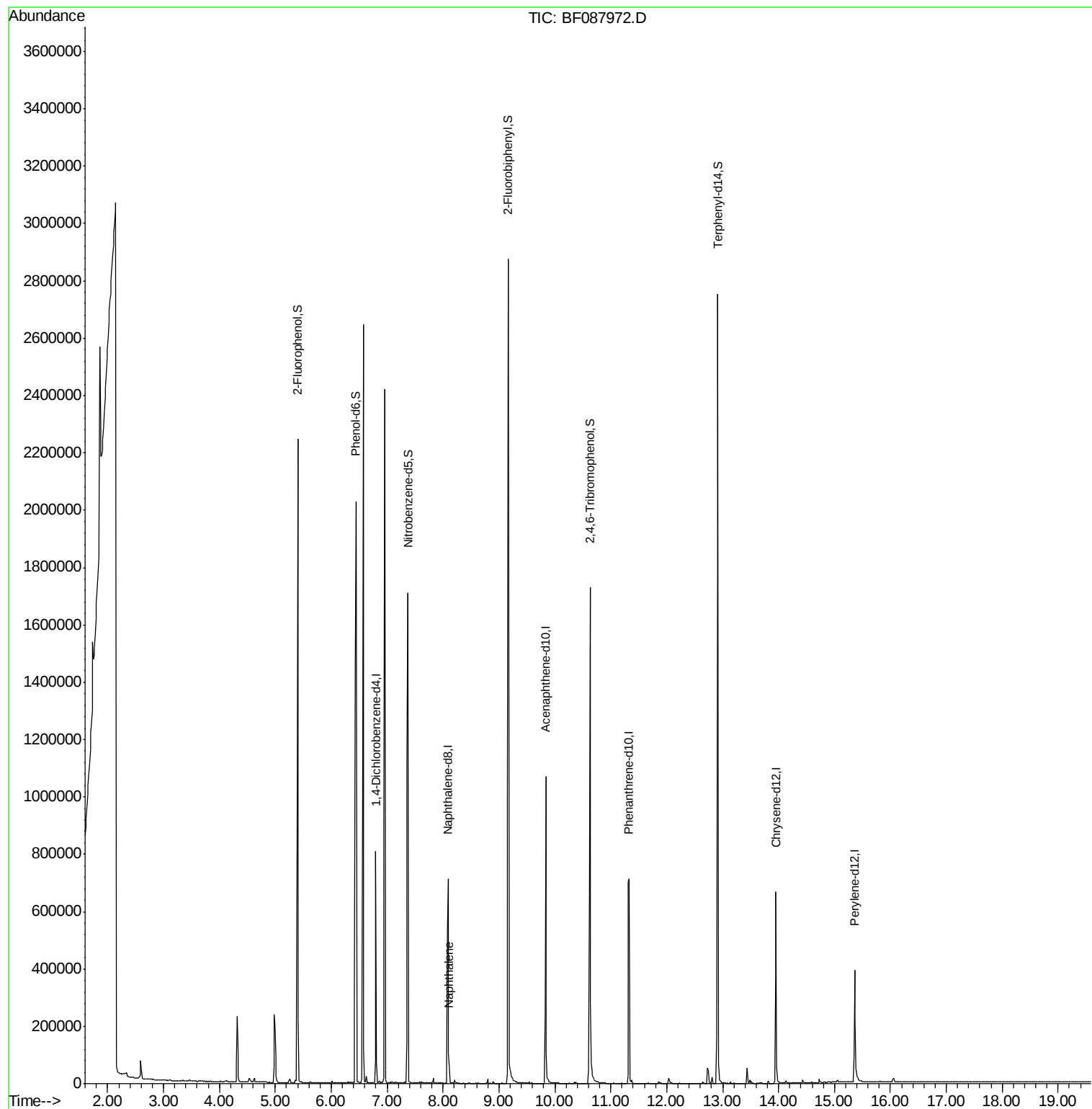
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114186	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	459449	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	225492	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	427055	20.00	ng	0.00
75) Chrysene-d12	13.95	240	296544	20.00	ng	-0.01
86) Perylene-d12	15.36	264	215235	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	711314	106.49	ng	0.02
7) Phenol-d6	6.44	99	1002149	123.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	714529	90.81	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	247103	103.78	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1130714	78.34	ng	-0.01
78) Terphenyl-d14	12.91	244	1090427	83.67	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	56123	2.47	ng	Qvalue 98

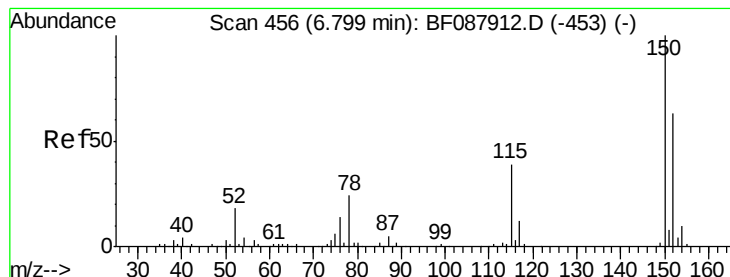
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 13 05:09:42 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087972.D

Acq: 13 Jun 2016 2:50

Instrument :

BNA_F

ClientSampleId :

STA-1160-(0-4)

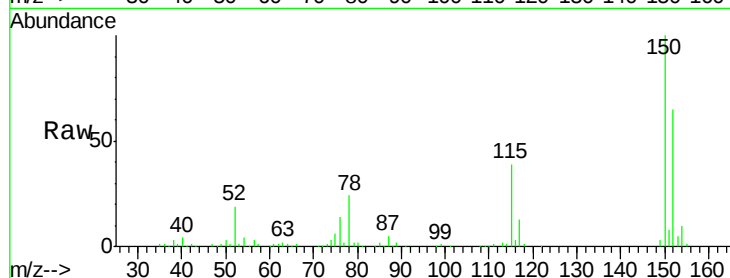
Tot Ion:152 Resp: 114186

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

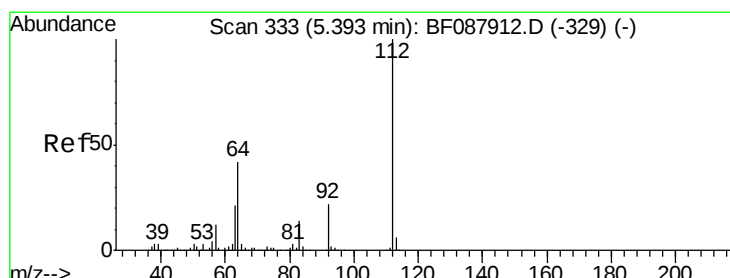
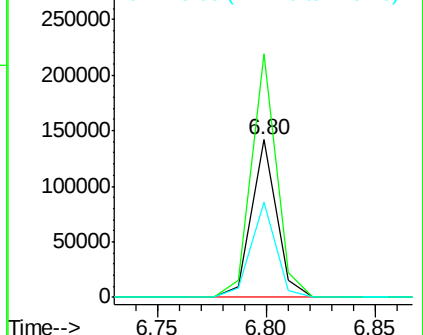
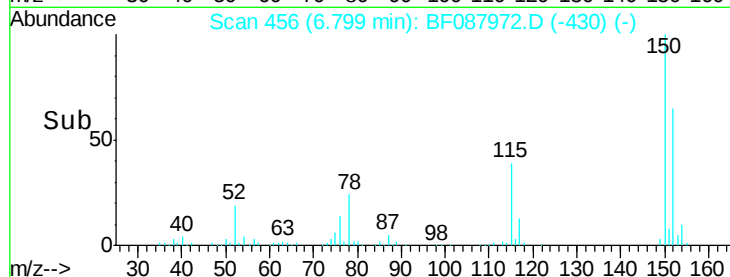
115 60.6 39.6 59.4#



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: 106.49 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.02 min

Lab File: BF087972.D

Acq: 13 Jun 2016 2:50

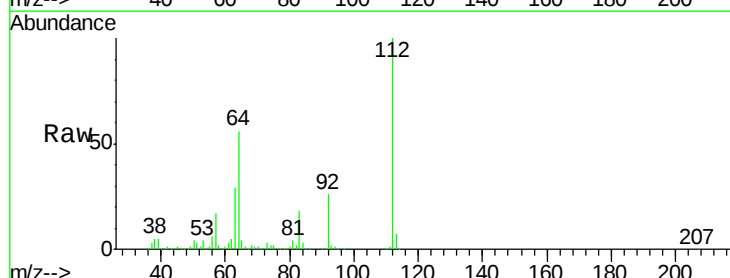
Tgt Ion:112 Resp: 711314

Ion Ratio Lower Upper

112 100

64 56.5 42.2 63.2

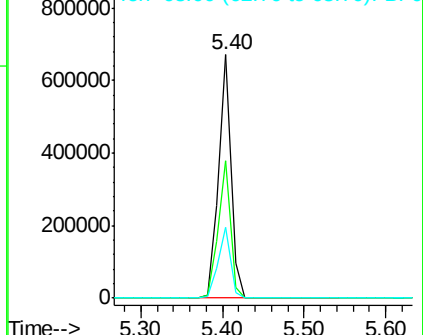
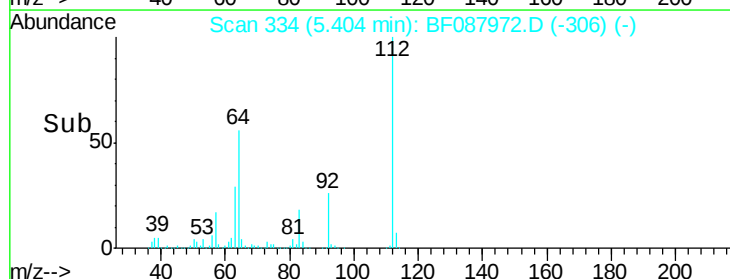
63 29.2 21.8 32.8

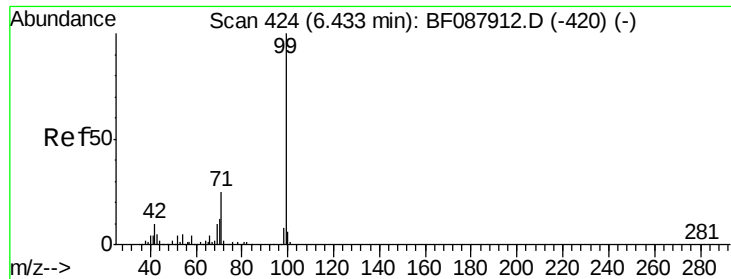


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.80 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087972.D

Acq: 13 Jun 2016 2:50

Instrument :

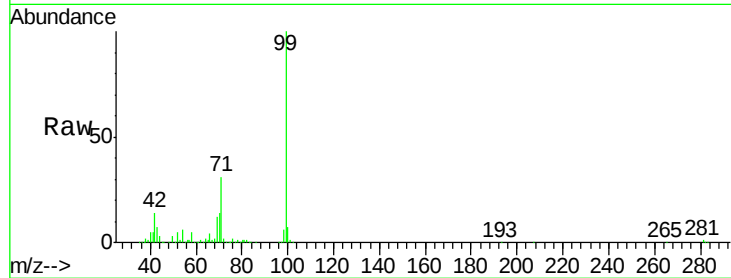
BNA_F

ClientSampleId :

STA-1160-(0-4)

Tot Ion: 99 Resp: 1002149

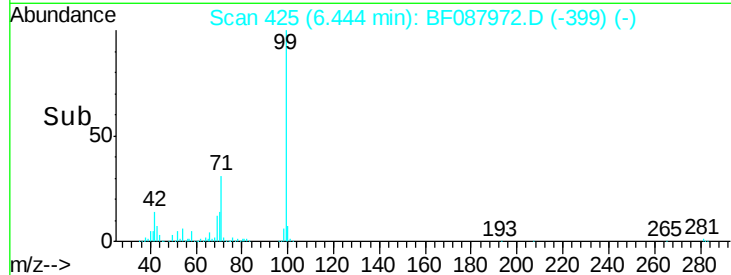
Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.2	18.2
71	30.9	23.4	35.0



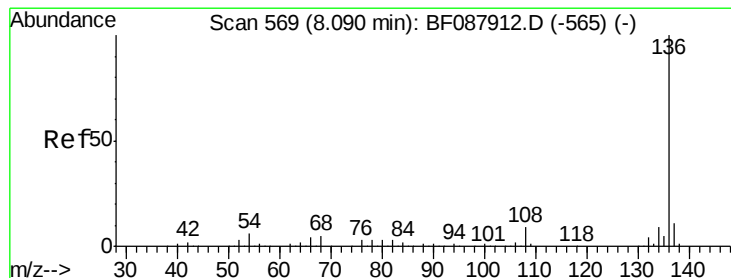
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

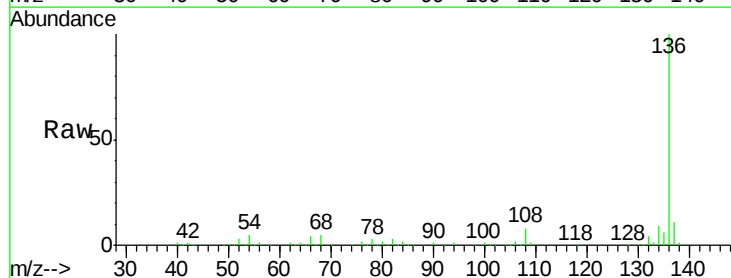
Delta R.T. -0.00 min

Lab File: BF087972.D

Acq: 13 Jun 2016 2:50

Tgt Ion: 136 Resp: 459449

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.3	6.6	10.0#
68	4.6	5.1	7.7#

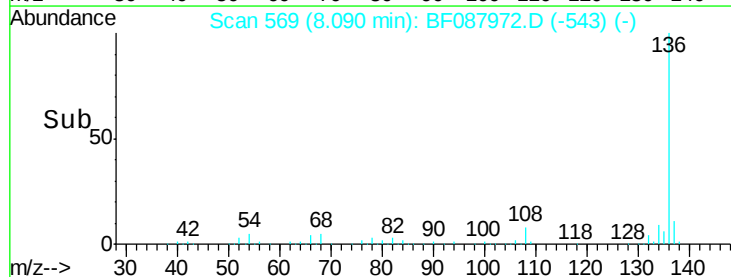


Abundance Ion 136.00 (135.70 to 136.70): E

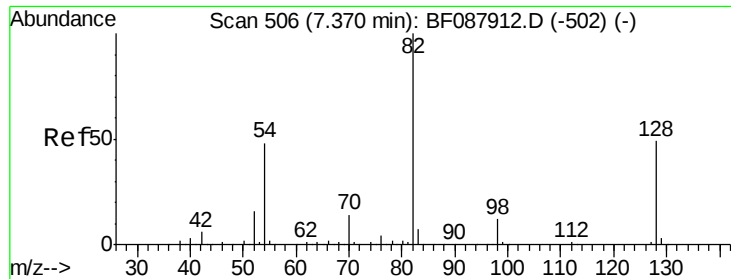
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



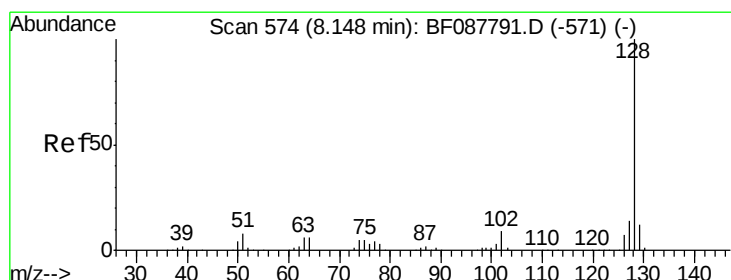
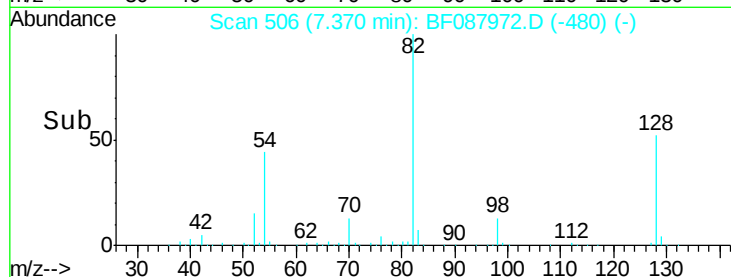
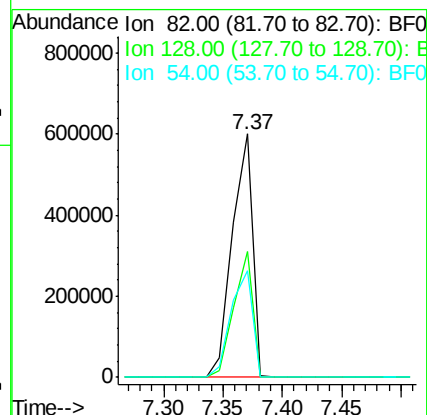
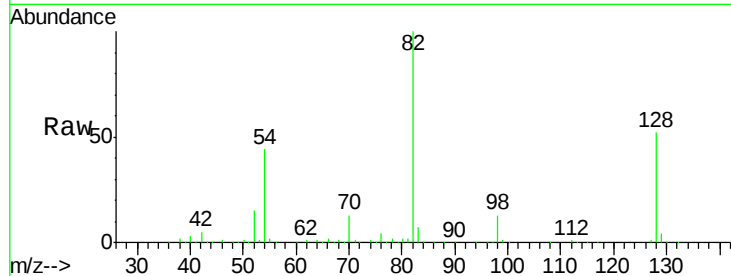
Time-->



#23
Nitrobenzene-d5
Concen: 90.81 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087972.D
Acq: 13 Jun 2016 2:50

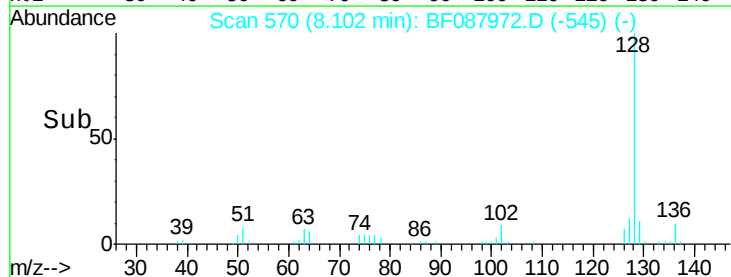
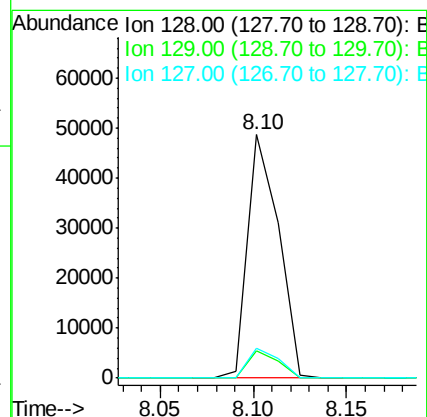
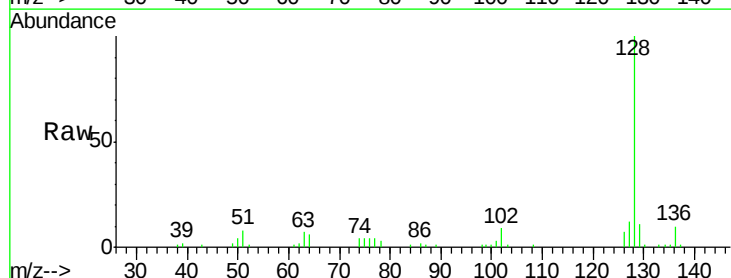
Instrument :
BNA_F
ClientSampleId :
STA-1160-(0-4)

Tot Ion: 82 Resp: 714529
Ion Ratio Lower Upper
82 100
128 51.9 35.9 53.9
54 44.0 40.9 61.3



#31
Naphthalene
Concen: 2.47 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF087972.D
Acq: 13 Jun 2016 2:50

Tgt Ion: 128 Resp: 56123
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 12.3 10.9 16.3

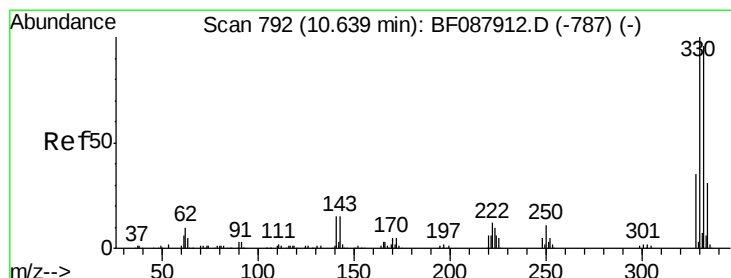
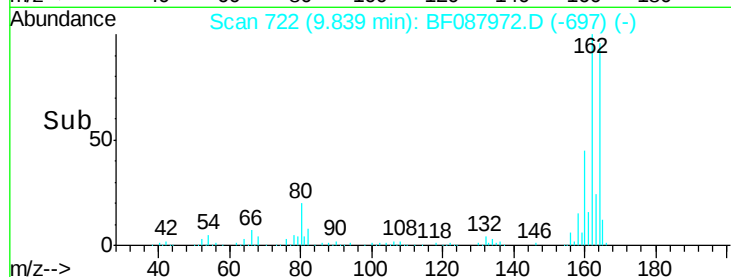
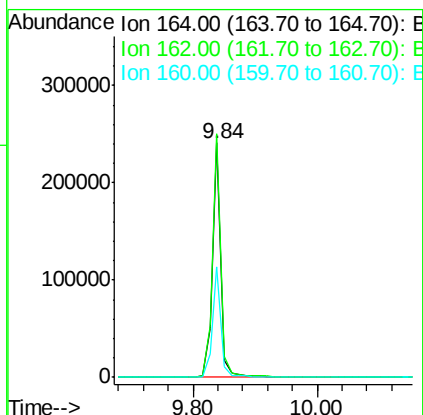
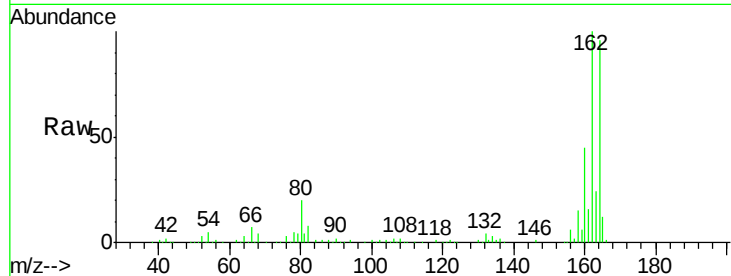




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087972.D
Acq: 13 Jun 2016 2:50

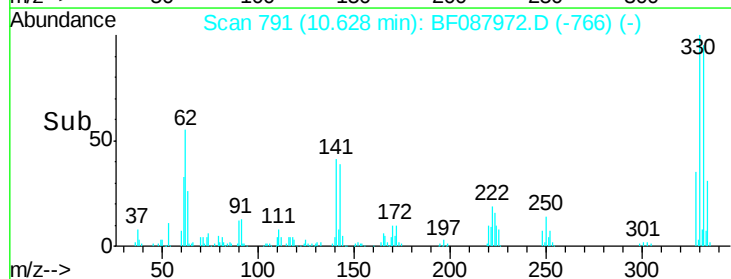
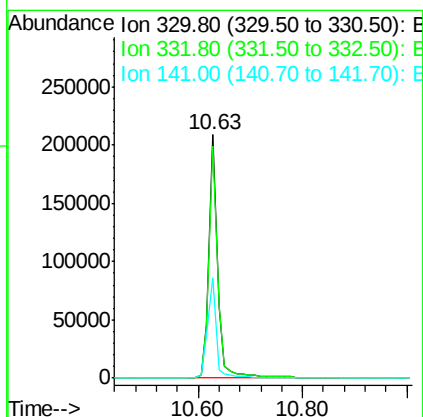
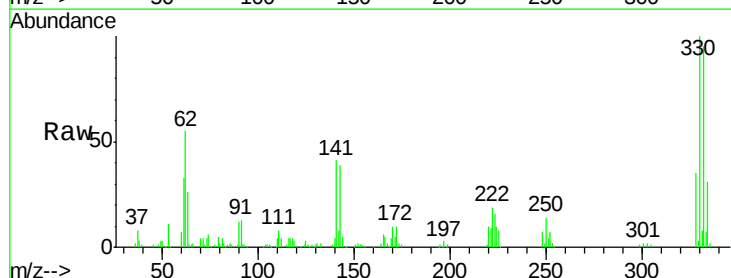
Instrument :
BNA_F
ClientSampleId :
STA-1160-(0-4)

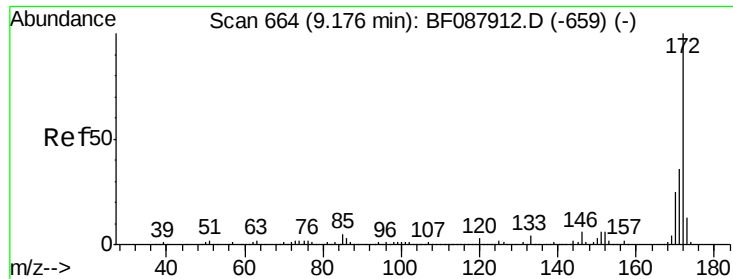
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	47.3	39.5	59.3



#41
2,4,6-Tribromophenol
Concen: 103.78 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF087972.D
Acq: 13 Jun 2016 2:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	40.8	0.0	0.0#



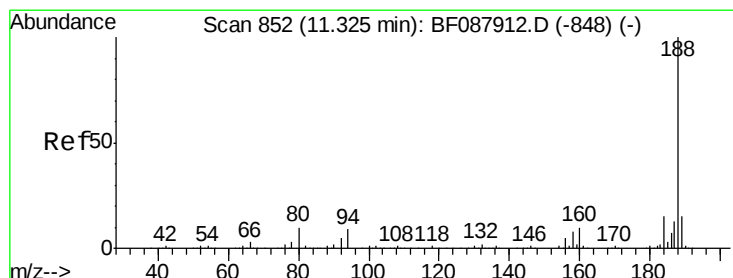
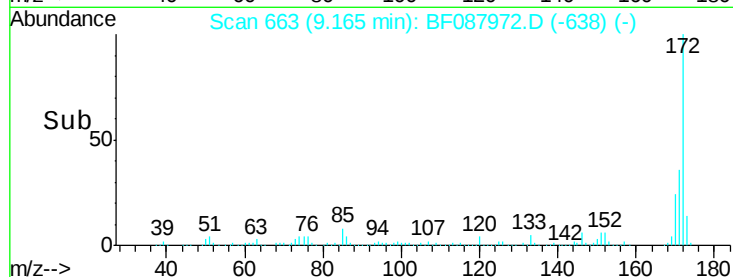
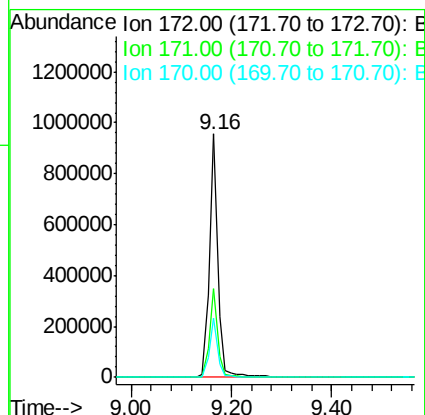
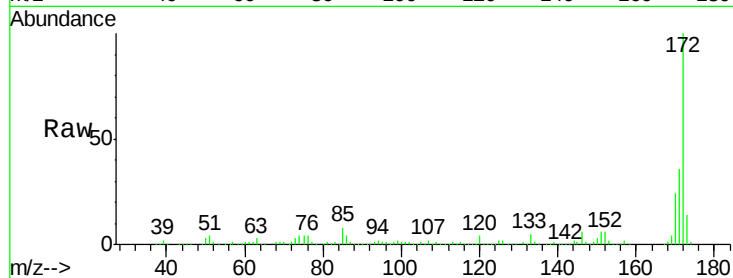


#44
 2-Fluorobiphenyl
 Concen: 78.34 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087972.D
 Acq: 13 Jun 2016 2:50

Instrument :
 BNA_F
 ClientSampleId :
 STA-1160-(0-4)

Tot Ion:172 Resp: 1130714

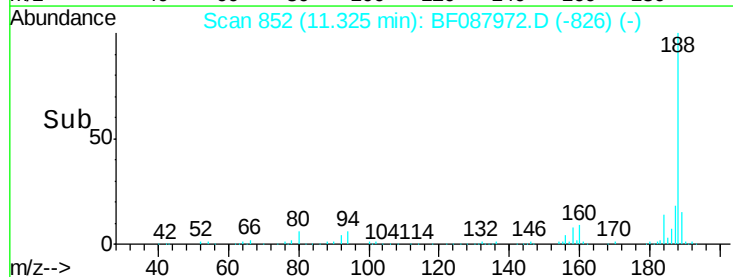
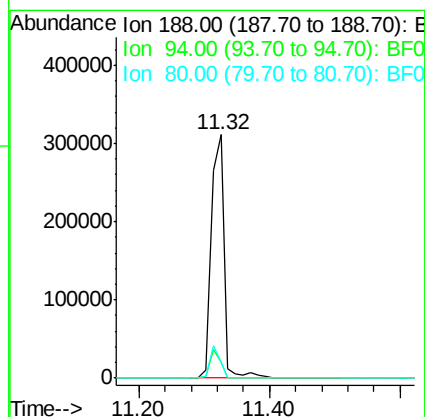
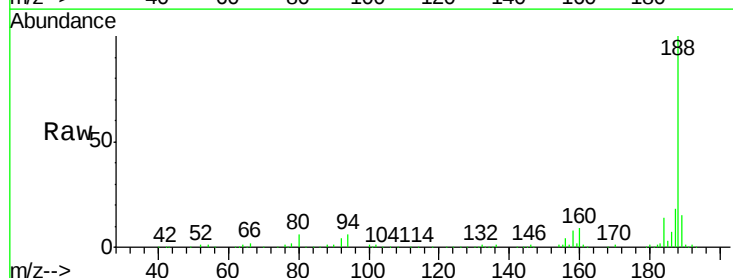
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.3	19.2	28.8

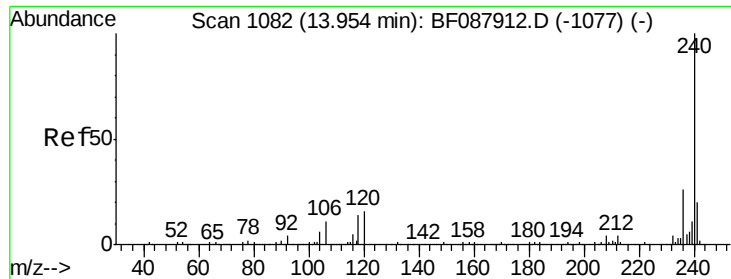


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF087972.D
 Acq: 13 Jun 2016 2:50

Tgt Ion:188 Resp: 427055

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.6#
80	6.3	10.0	15.0#

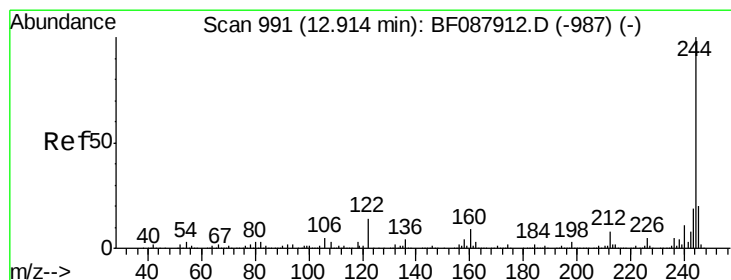
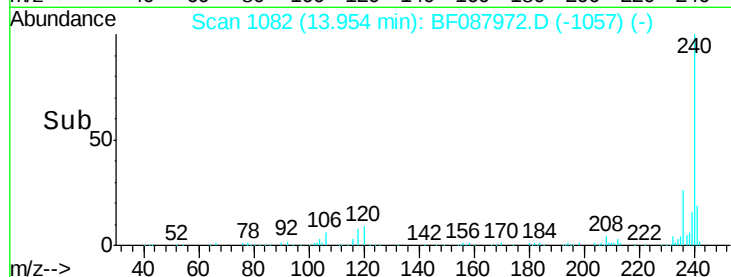
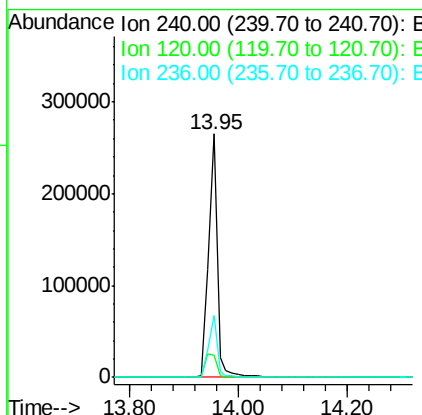
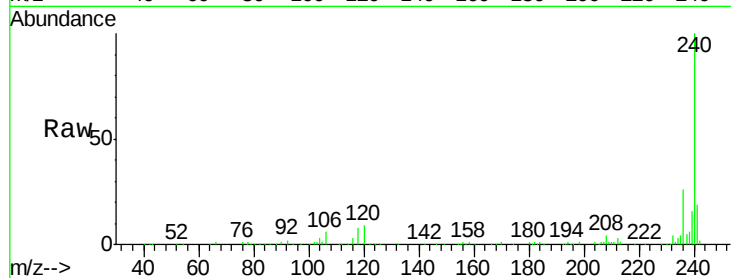




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087972.D
Acq: 13 Jun 2016 2:50

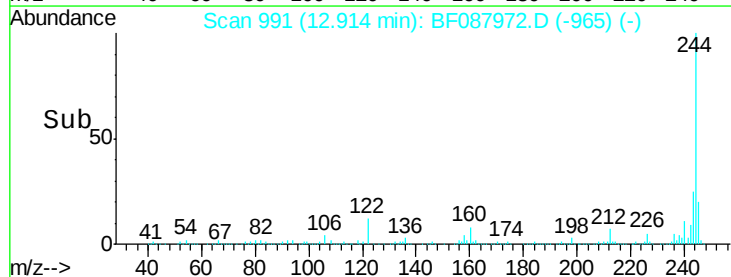
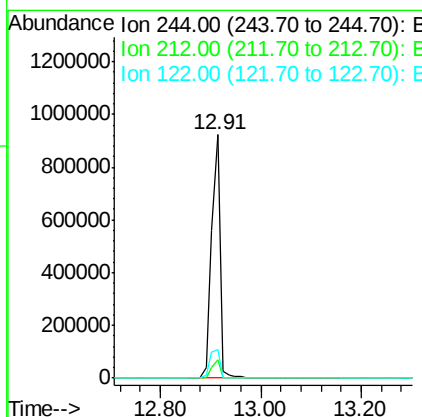
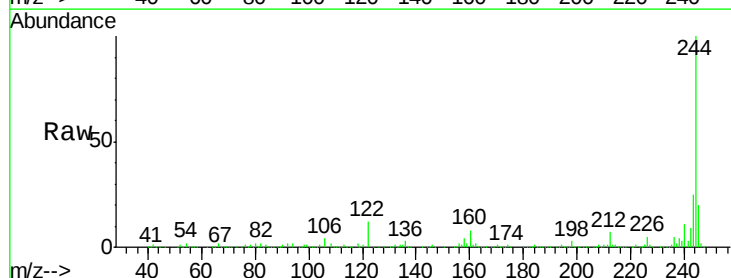
Instrument :
BNA_F
ClientSampleId :
STA-1160-(0-4)

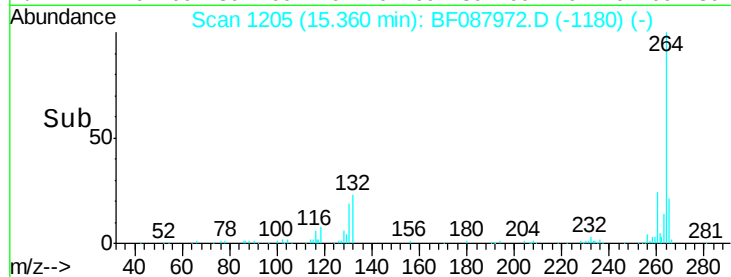
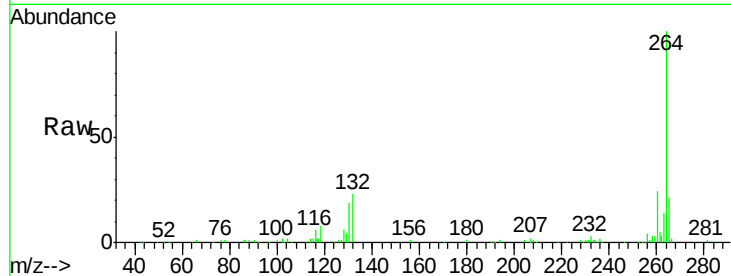
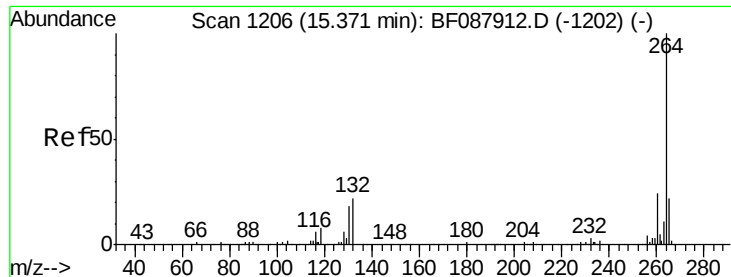
Tot Ion:240 Resp: 296544
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 25.6 20.2 30.2



#78
Terphenyl-d14
Concen: 83.67 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF087972.D
Acq: 13 Jun 2016 2:50

Tgt Ion:244 Resp: 1090427
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 11.6 11.2 16.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF087972.D
Acq: 13 Jun 2016 2:50

Instrument :
BNA_F
ClientSampleId :
STA-1160-(0-4)

Tot Ion:	264	Resp:	215235
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.3	16.9	25.3

