

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087973.D
 Acq On : 13 Jun 2016 3:20
 Operator : UM/SJ
 Sample : H3473-19
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1172-(0-4)

Quant Time: Jun 13 06:54:25 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	108429	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	420302	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	211017	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	376649	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	286882	20.00	ng	-0.01
86) Perylene-d12	15.36	264	226156	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	697009	109.89	ng	0.02
7) Phenol-d6	6.44	99	951455	123.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	653903	90.85	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	233585	104.84	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1070277	79.31	ng	-0.01
78) Terphenyl-d14	12.91	244	1058087	83.93	ng	0.00

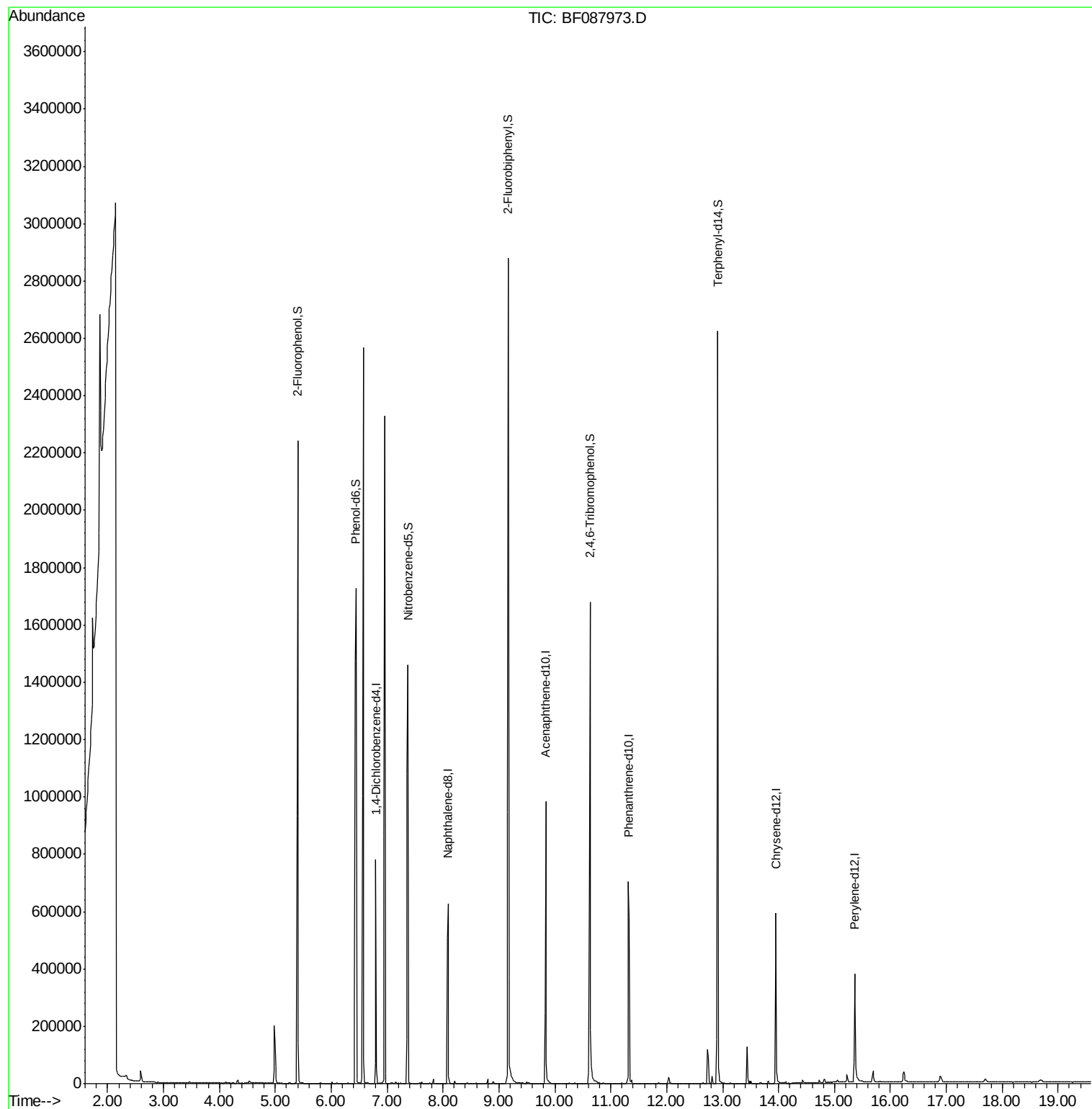
Target Compounds Qvalue

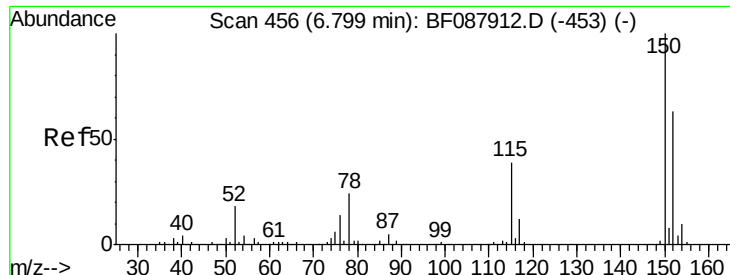
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087973.D

Acq: 13 Jun 2016 3:20

Instrument :

BNA_F

ClientSampleId :

STA-1172-(0-4)

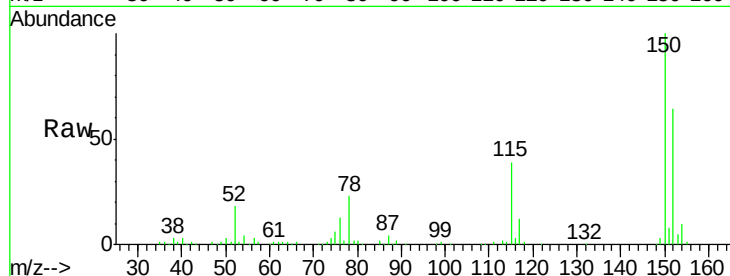
Tot Ion:152 Resp: 108429

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

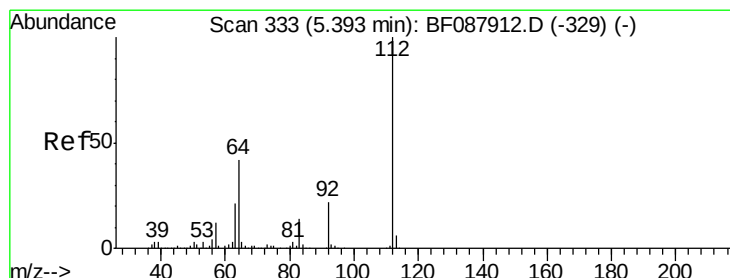
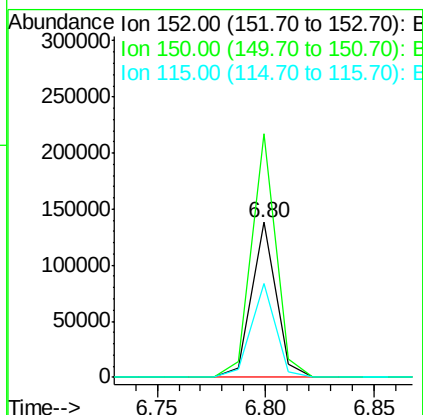
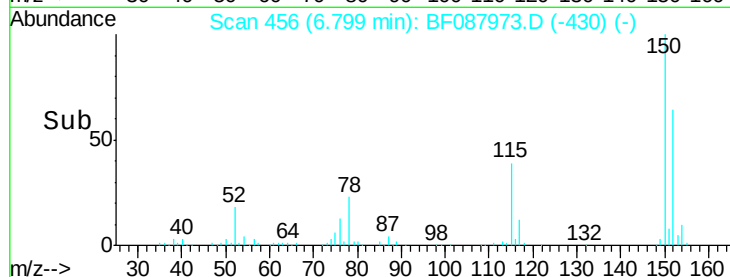
115 60.7 39.6 59.4#



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: 109.89 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.02 min

Lab File: BF087973.D

Acq: 13 Jun 2016 3:20

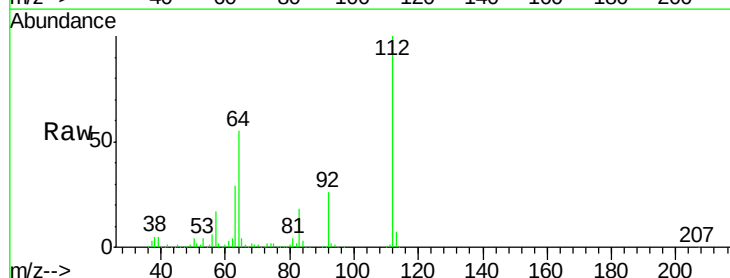
Tgt Ion:112 Resp: 697009

Ion Ratio Lower Upper

112 100

64 55.1 42.2 63.2

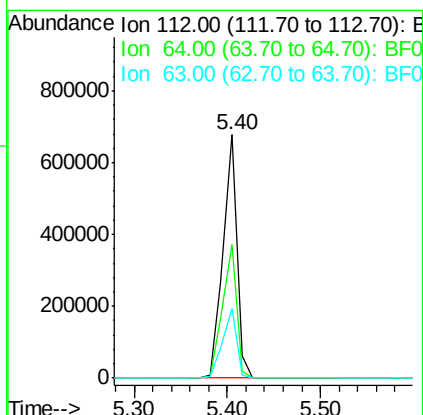
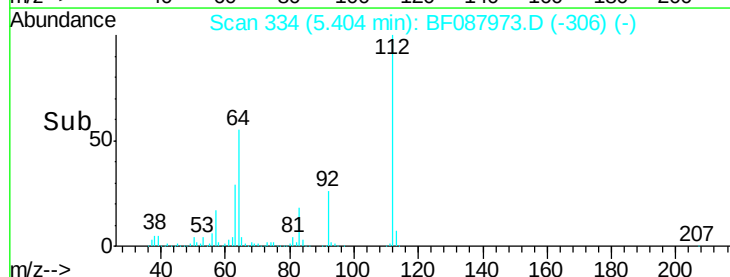
63 28.6 21.8 32.8

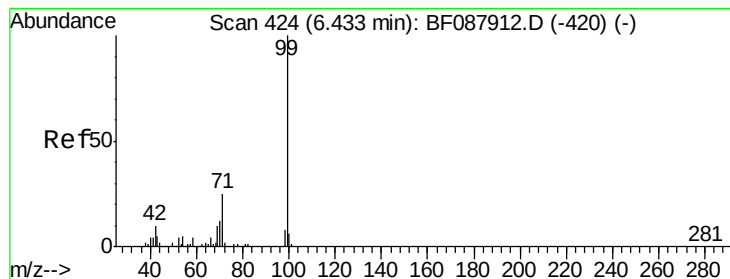


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.78 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087973.D

Acq: 13 Jun 2016 3:20

Instrument :

BNA_F

ClientSampleId :

STA-1172-(0-4)

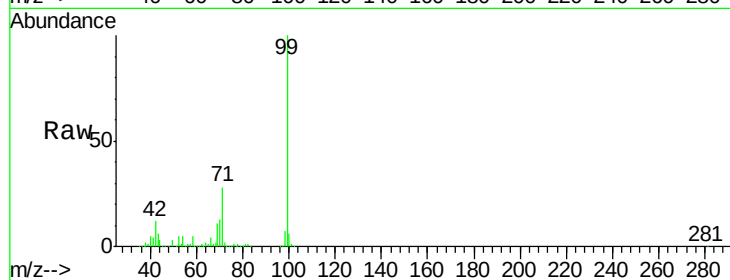
Tot Ion: 99 Resp: 951455

Ion Ratio Lower Upper

99 100

42 12.2 12.2 18.2

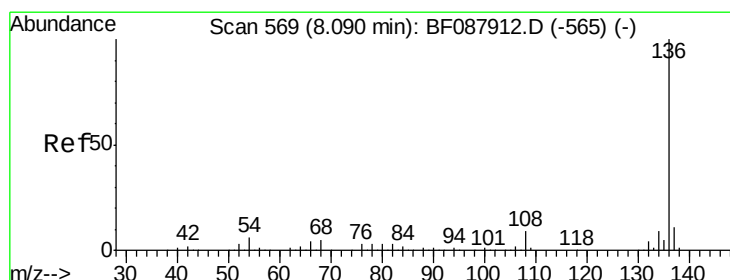
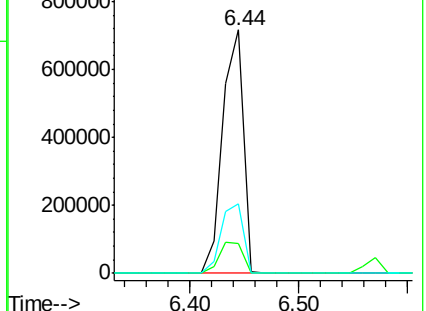
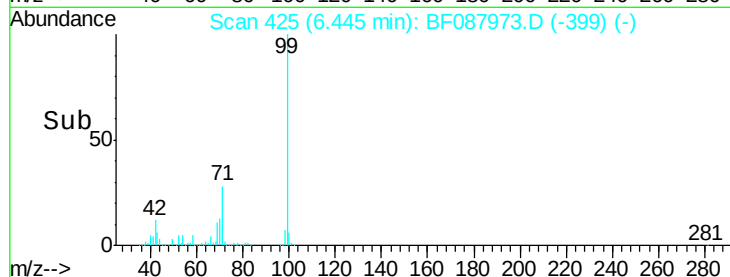
71 28.4 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087973.D

Acq: 13 Jun 2016 3:20

Tgt Ion: 136 Resp: 420302

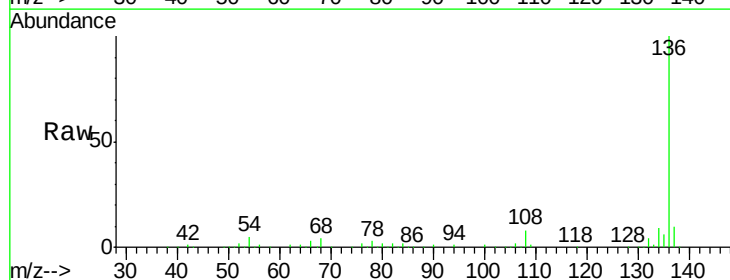
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 4.7 6.6 10.0#

68 4.2 5.1 7.7#

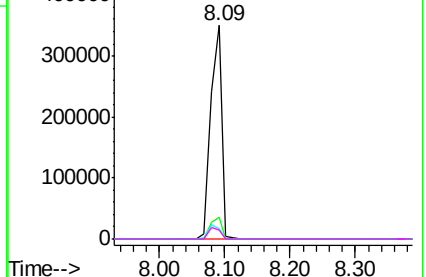
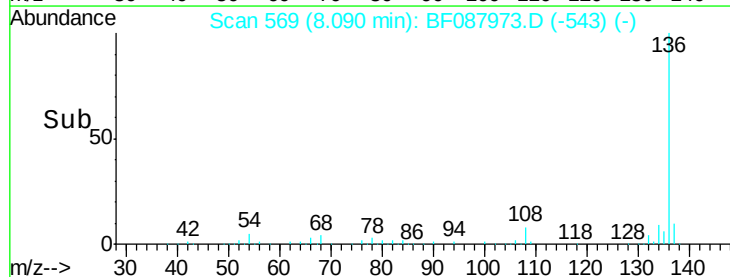


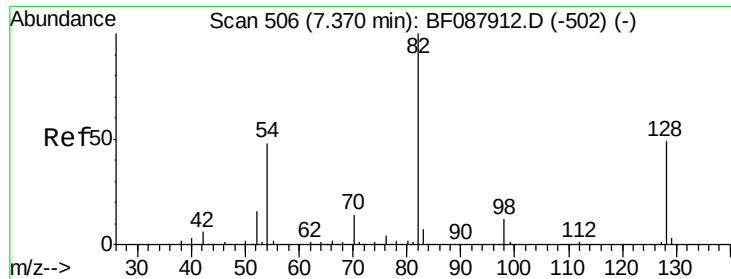
Abundance Ion 136.00 (135.70 to 136.70): E

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

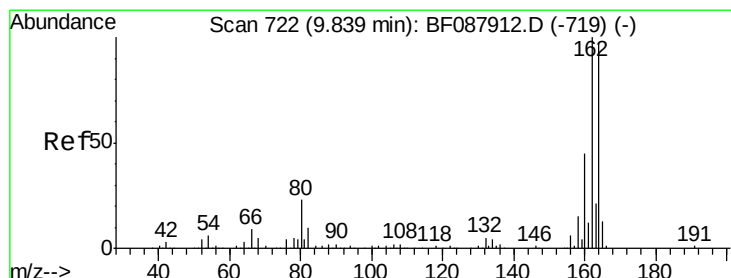
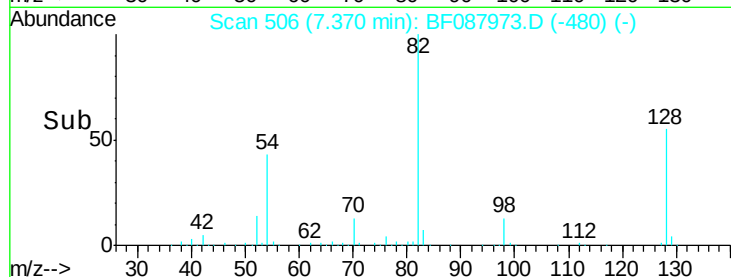
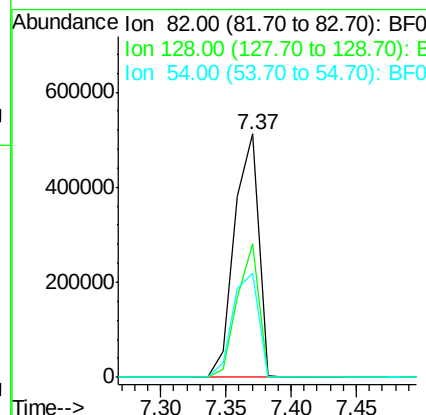
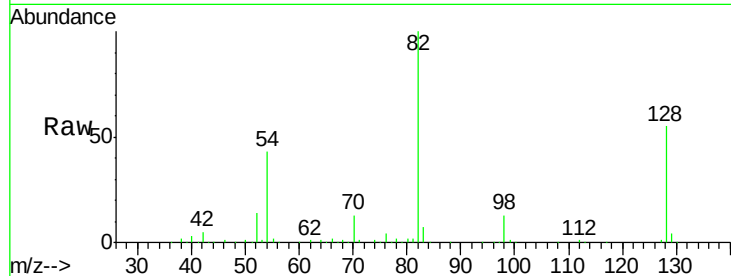




#23
 Nitrobenzene-d5
 Concen: 90.85 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF087973.D
 Acq: 13 Jun 2016 3:20

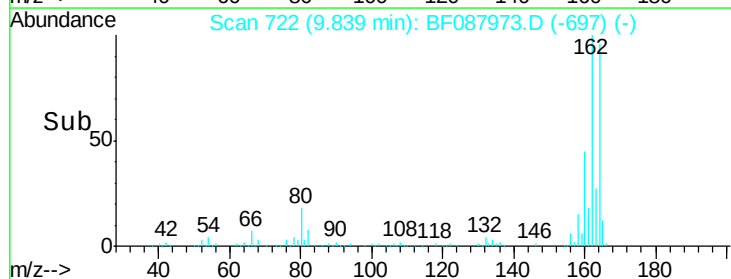
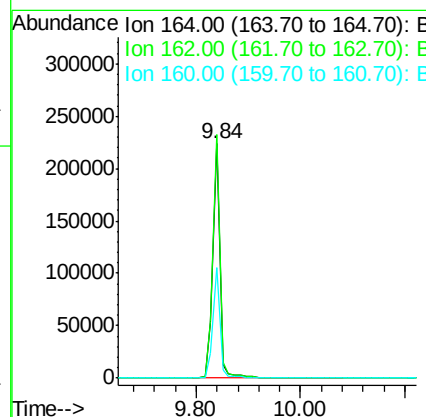
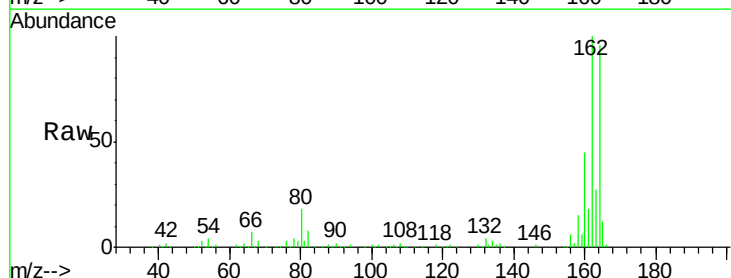
Instrument :
 BNA_F
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 STA-1172-(0-4)

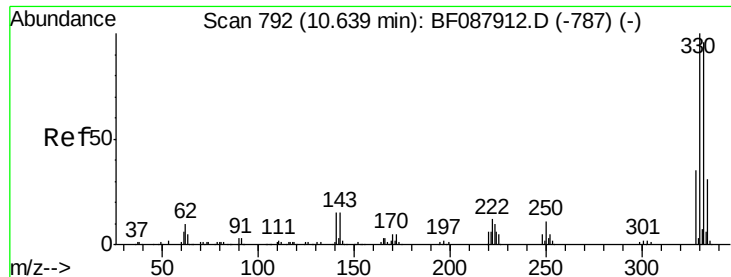
Tot Ion: 82 Resp: 653903
 Ion Ratio Lower Upper
 82 100
 128 54.8 35.9 53.9#
 54 42.9 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087973.D
 Acq: 13 Jun 2016 3:20

Tgt Ion:164 Resp: 211017
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.4 128.2
 160 47.3 39.5 59.3

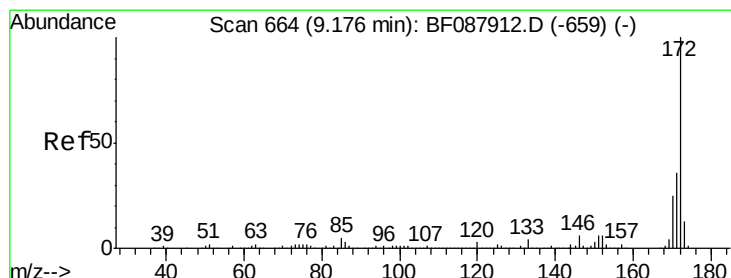
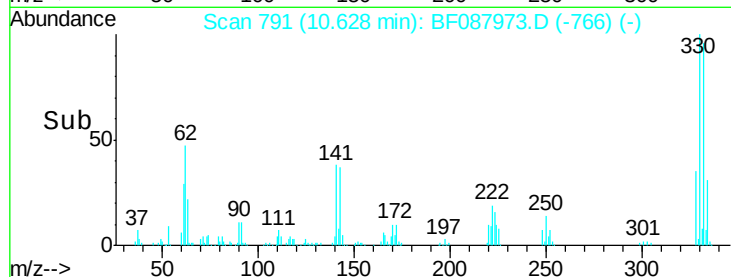
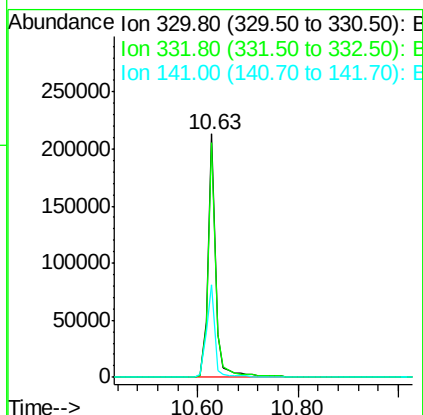
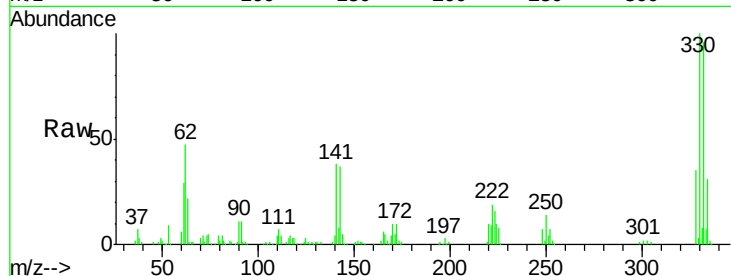




#41
 2,4,6-Tribromophenol
 Concen: 104.84 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087973.D
 Acq: 13 Jun 2016 3:20

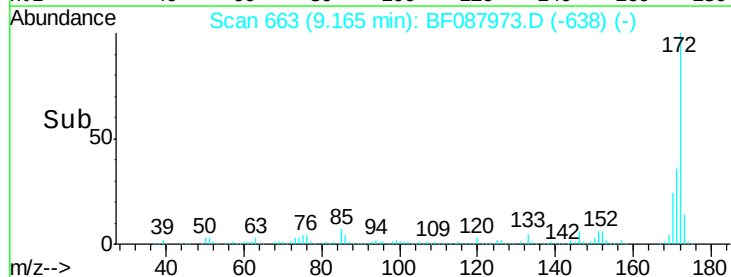
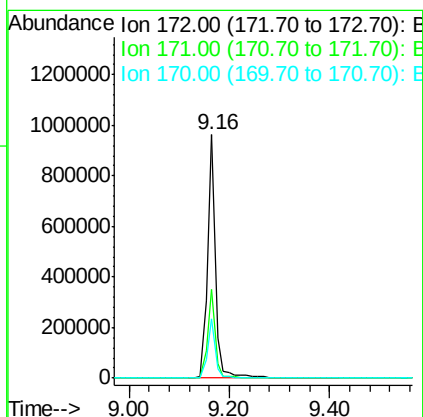
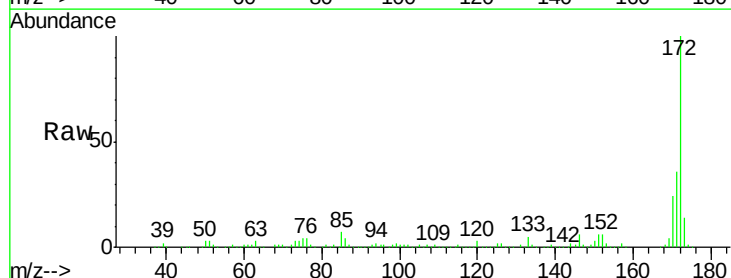
Instrument :
 BNA_F
 ClientSampleId :
 STA-1172-(0-4)

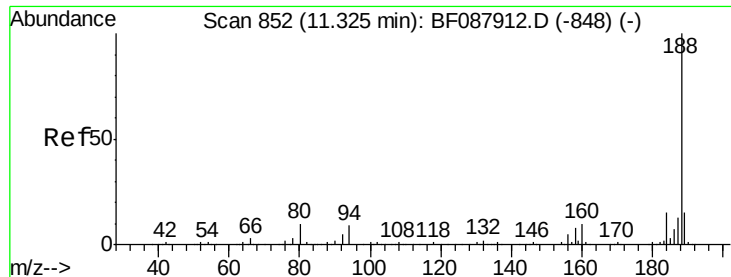
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	41.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 79.31 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087973.D
 Acq: 13 Jun 2016 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.3	19.2	28.8

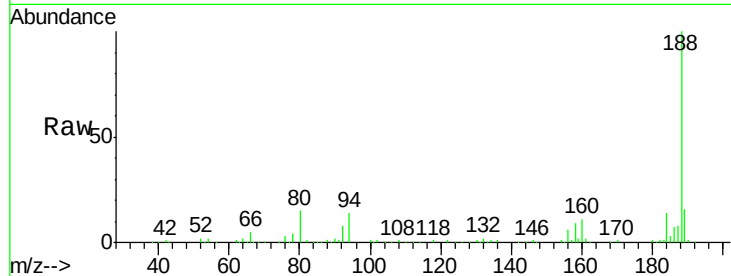




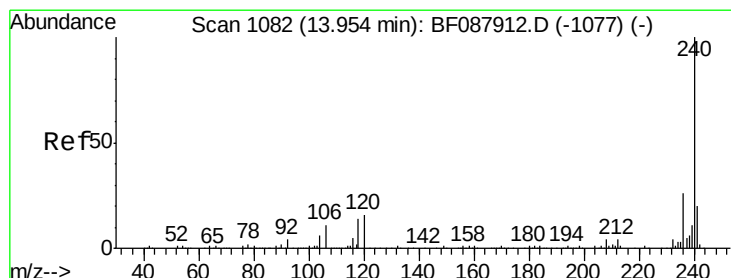
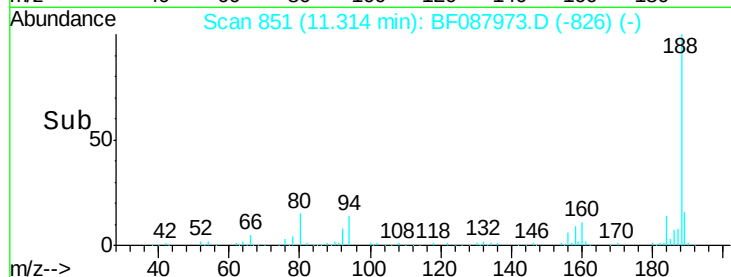
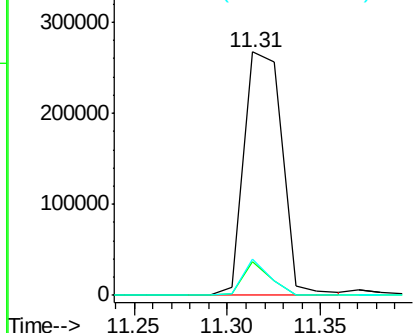
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF087973.D
Acq: 13 Jun 2016 3:20

Instrument :
BNA_F
ClientSampleId :
STA-1172-(0-4)

Tot Ion:188 Resp: 376649
Ion Ratio Lower Upper
188 100
94 13.6 9.0 13.6#
80 15.0 10.0 15.0

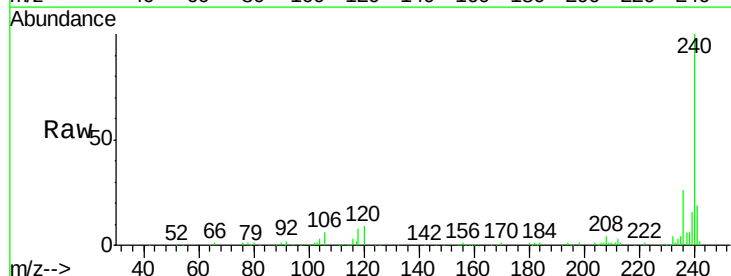


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

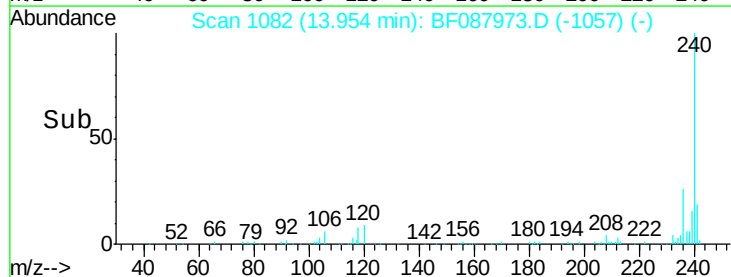
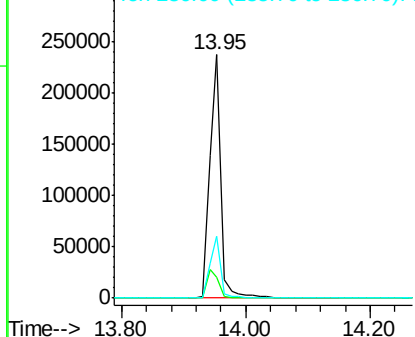


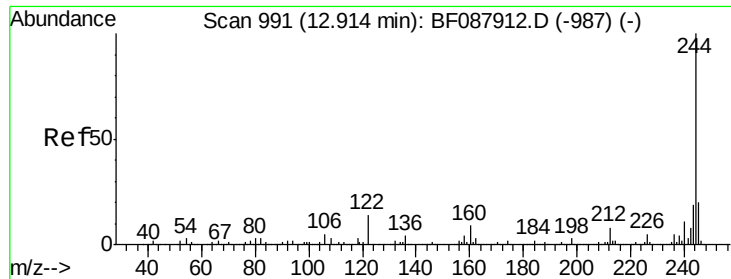
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087973.D
Acq: 13 Jun 2016 3:20

Tgt Ion:240 Resp: 286882
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 25.5 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

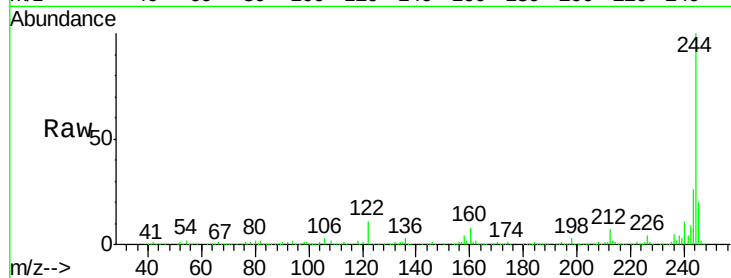




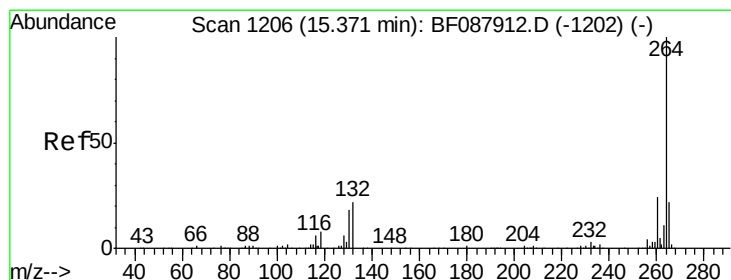
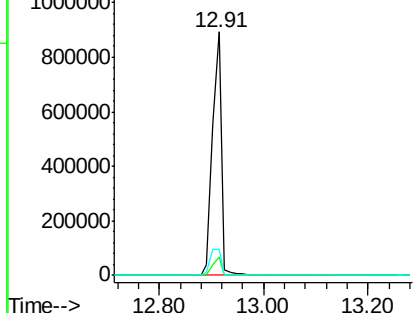
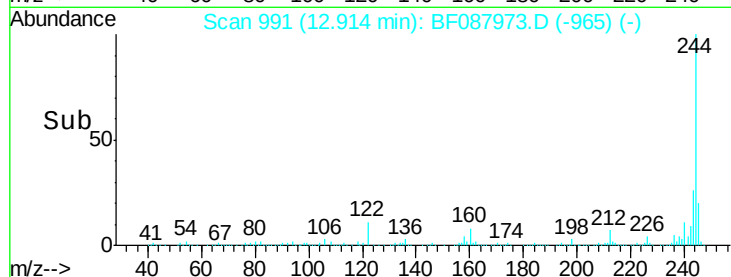
#78
 Terphenyl-d14
 Concen: 83.93 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087973.D
 Acq: 13 Jun 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 STA-1172-(0-4)

Tot Ion:244 Resp: 1058087
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.9 11.2 16.8#

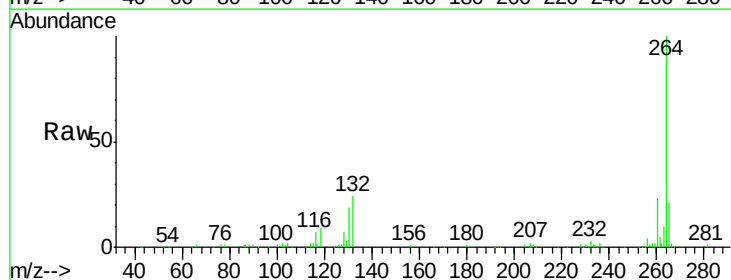


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF087973.D
 Acq: 13 Jun 2016 3:20

Tgt Ion:264 Resp: 226156
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 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

