

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091670.D
 Acq On : 18 Apr 2016 19:09
 Operator : UM/SJ
 Sample : PB89886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

Quant Time: Apr 19 05:25:12 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36861	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	180135	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	108920	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	279129	5.00	ng	0.00
26) Chrysene-d12	21.31	240	332421	5.00	ng	0.00
35) Perylene-d12	23.76	264	276455	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	58234	7.26	ng	-0.02
5) Phenol-d6	6.95	99	82301	7.61	ng	-0.02
8) Nitrobenzene-d5	8.95	82	32802	3.55	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	20509	6.54	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	107890	3.55	ng	0.00
29) Terphenyl-d14	19.76	244	167055	3.69	ng	0.00

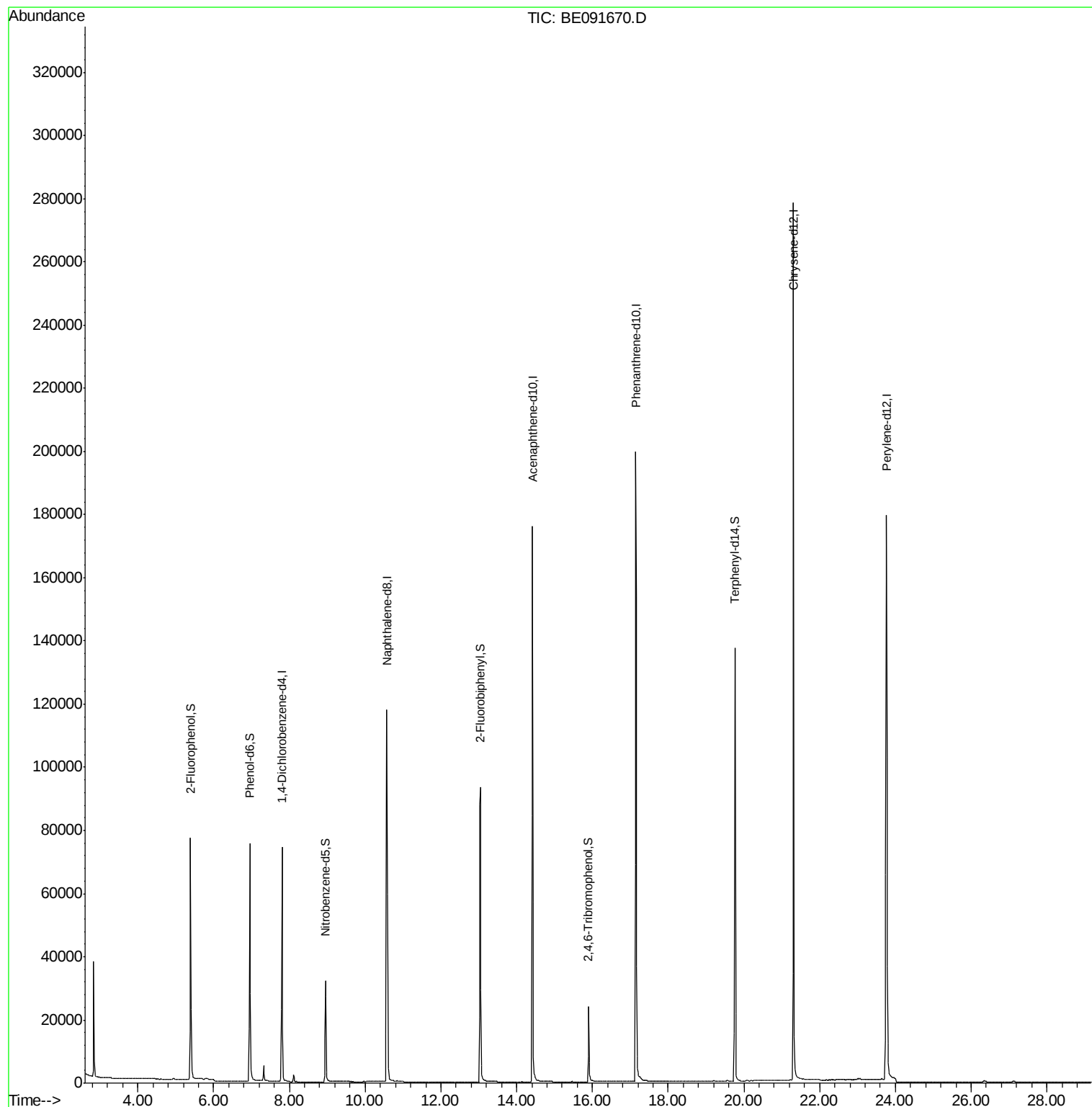
Target Compounds Qvalue

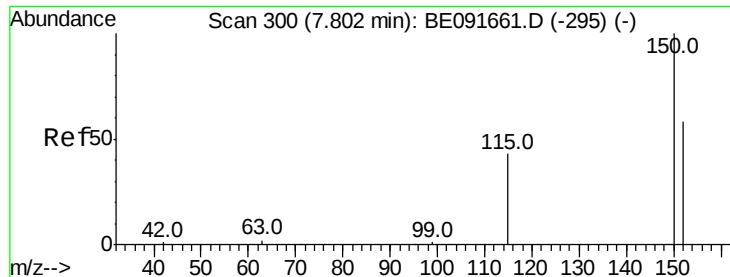
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Instrument :

BNA_E

ClientSampleId :

PB89886BL

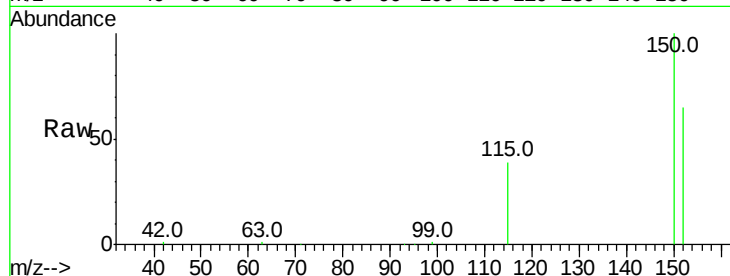
Tot Ion:152 Resp: 36861

Ion Ratio Lower Upper

152 100

150 154.4 122.6 183.8

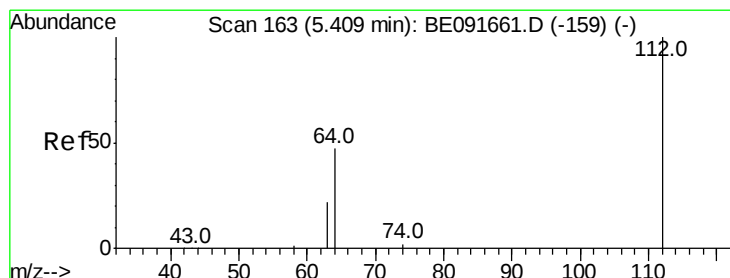
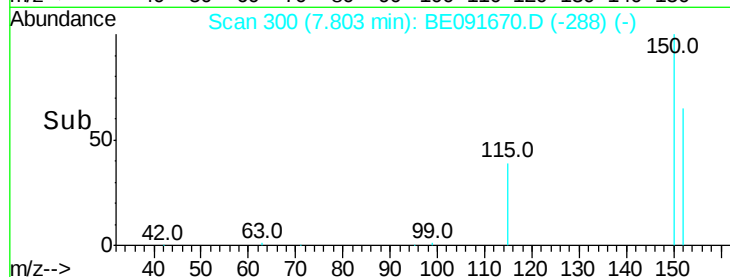
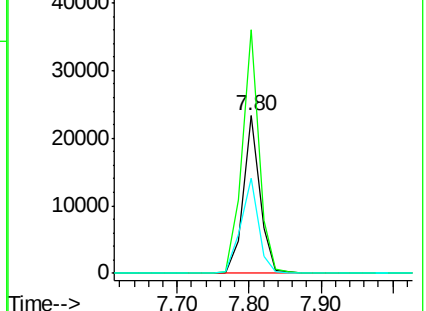
115 60.2 52.8 79.2



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



#4

2-Fluorophenol

Concen: 7.26 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

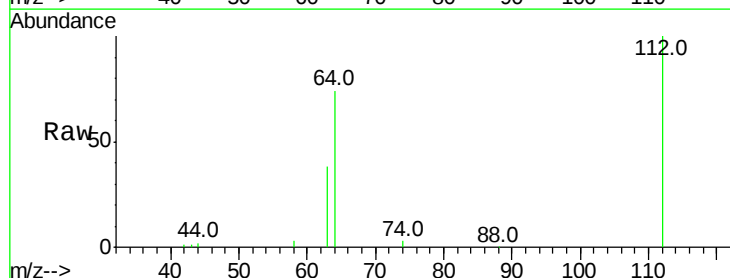
Tgt Ion:112 Resp: 58234

Ion Ratio Lower Upper

112 100

64 69.1 30.9 46.3#

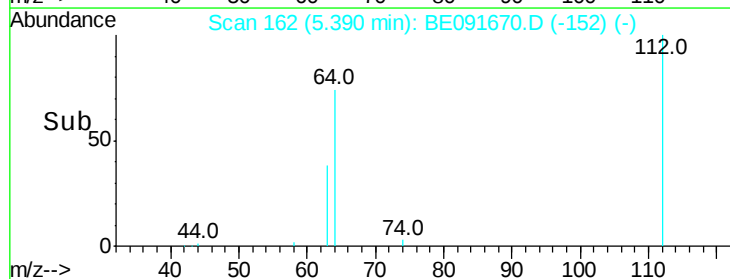
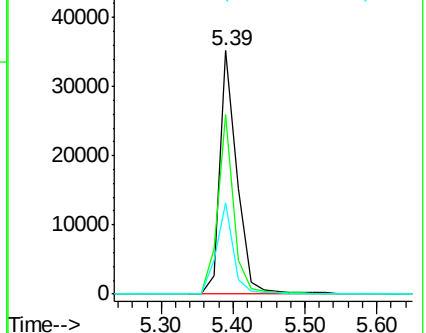
63 37.3 16.7 25.1#

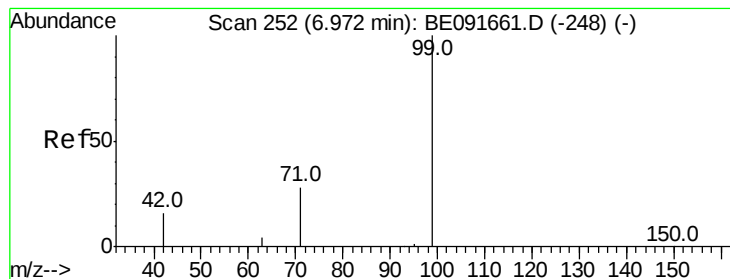


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.61 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Instrument :

BNA_E

ClientSampleId :

PB89886BL

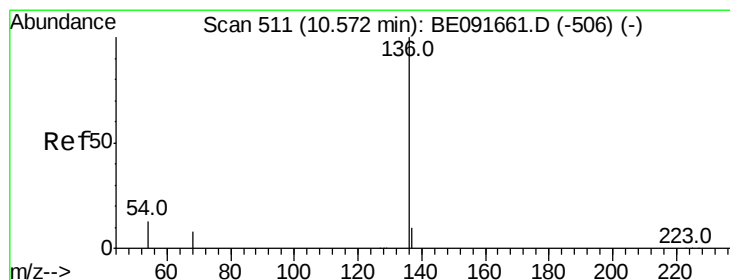
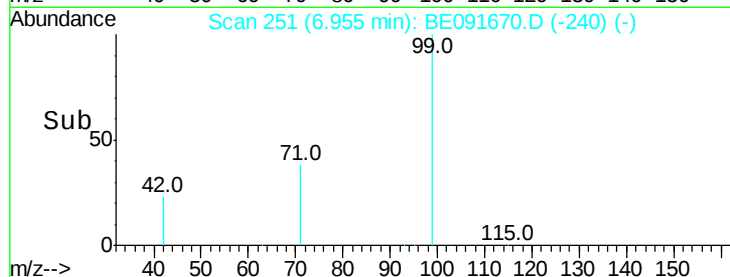
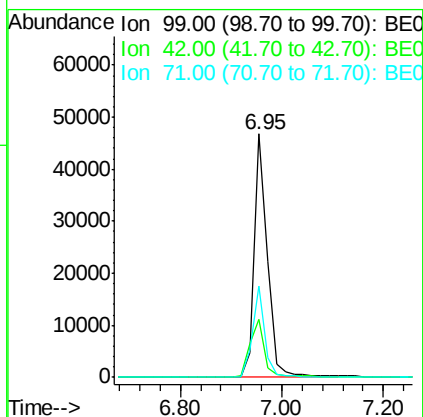
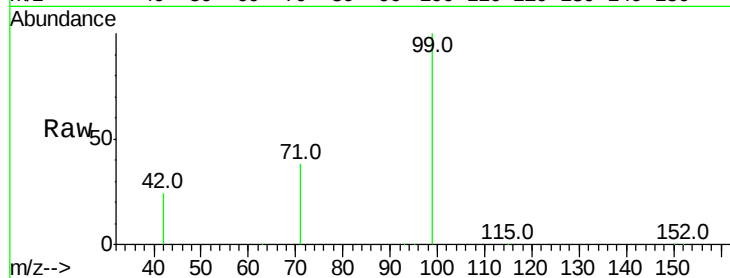
Tot Ion: 99 Resp: 82301

Ion Ratio Lower Upper

99 100

42 25.3 16.2 24.2#

71 35.7 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Tgt Ion: 136 Resp: 180135

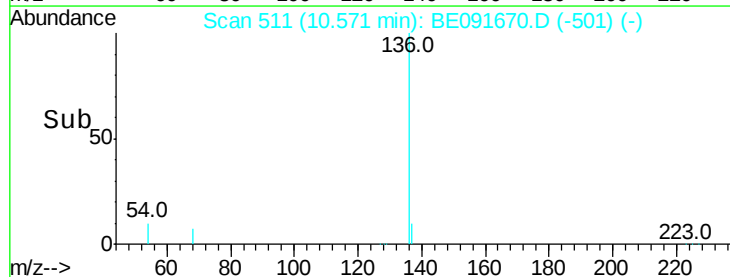
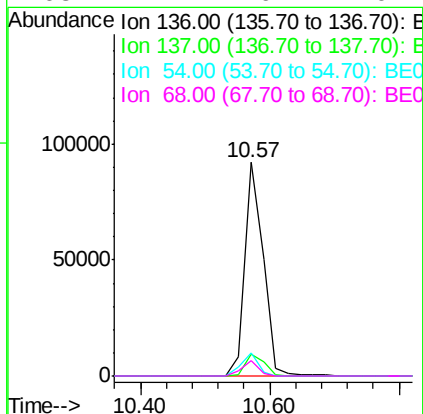
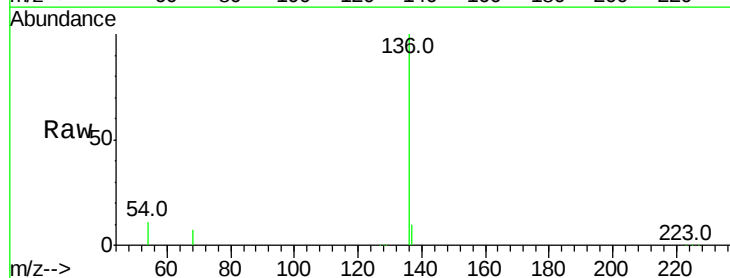
Ion Ratio Lower Upper

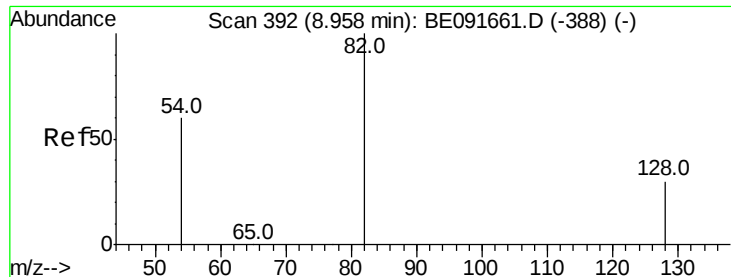
136 100

137 10.3 8.9 13.3

54 10.6 8.2 12.4

68 7.1 6.2 9.4





#8

Nitrobenzene-d5

Concen: 3.55 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.01 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Instrument :

BNA_E

ClientSampled :

PB89886BL

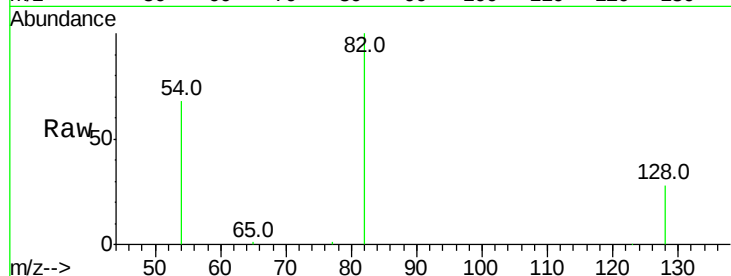
Tot Ion: 82 Resp: 32802

Ion Ratio Lower Upper

82 100

128 28.4 25.4 38.0

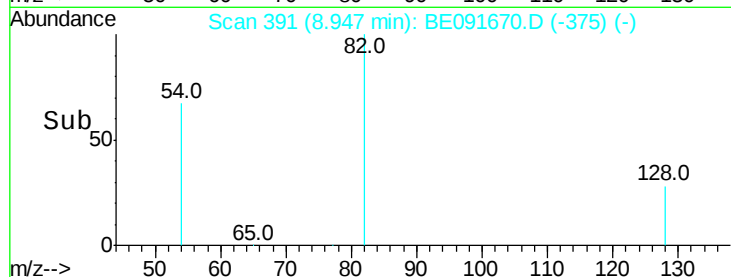
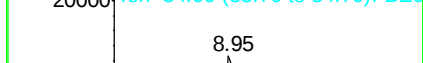
54 67.6 48.4 72.6



Abundance Ion 82.00 (81.70 to 82.70): BE091661.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091661.D (-388) (-)

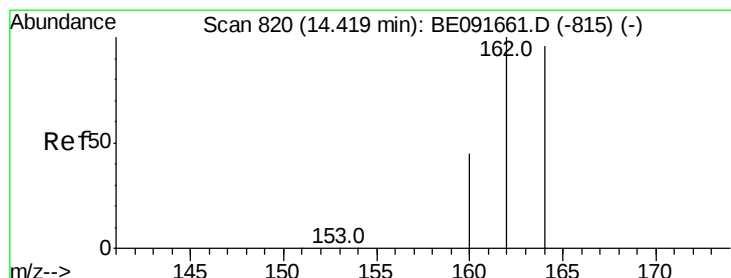
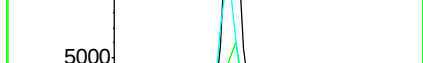
Ion 54.00 (53.70 to 54.70): BE091661.D (-388) (-)



Abundance Ion 82.00 (81.70 to 82.70): BE091670.D (-375) (-)

Ion 128.00 (127.70 to 128.70): BE091670.D (-375) (-)

Ion 54.00 (53.70 to 54.70): BE091670.D (-375) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

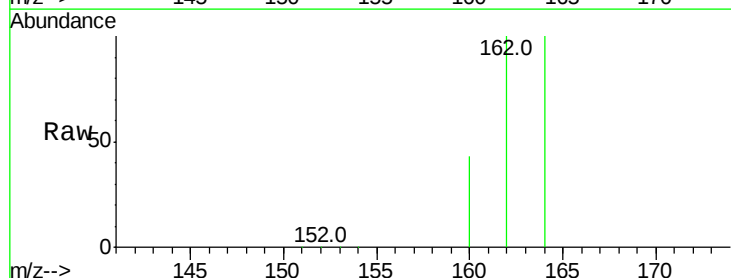
Tgt Ion: 164 Resp: 108920

Ion Ratio Lower Upper

164 100

162 100.2 85.3 127.9

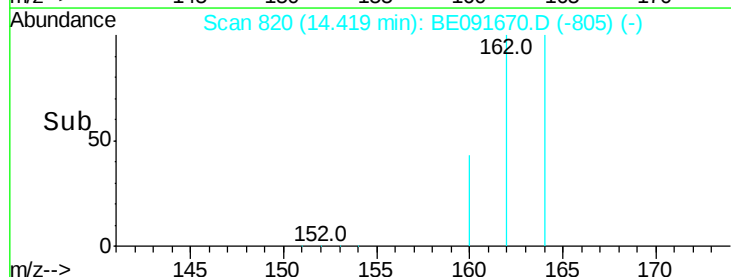
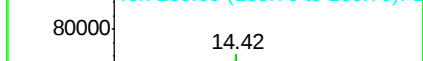
160 43.1 46.2 69.2#



Abundance Ion 164.00 (163.70 to 164.70): BE091661.D (-815) (-)

Ion 162.00 (161.70 to 162.70): BE091661.D (-815) (-)

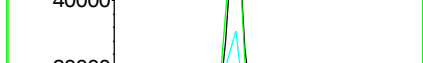
Ion 160.00 (159.70 to 160.70): BE091661.D (-815) (-)

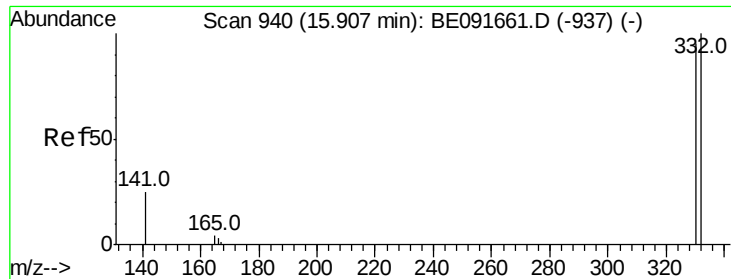


Abundance Ion 164.00 (163.70 to 164.70): BE091670.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BE091670.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BE091670.D (-805) (-)

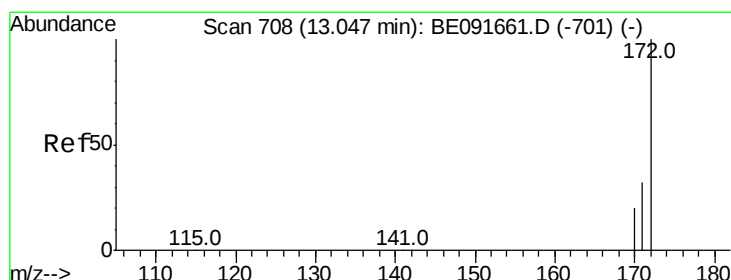
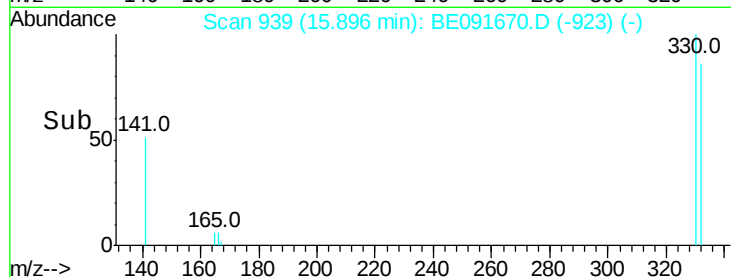
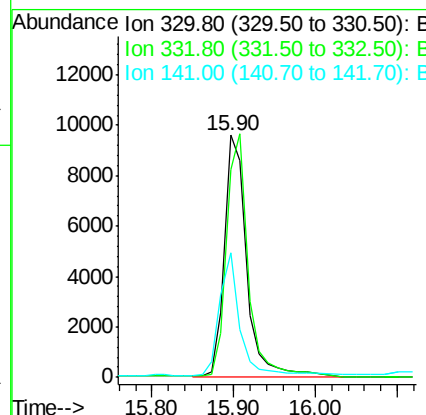
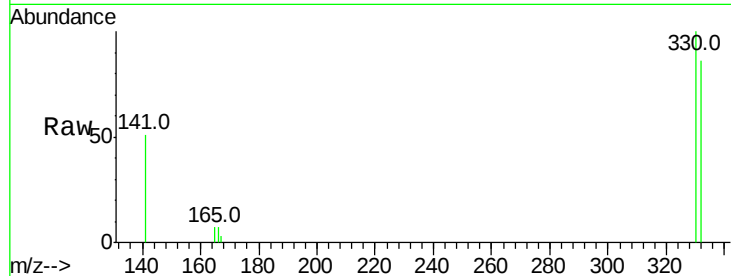




#14
 2,4,6-Tribromophenol
 Concen: 6.54 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

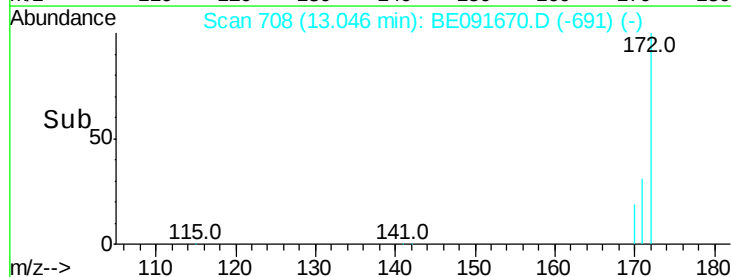
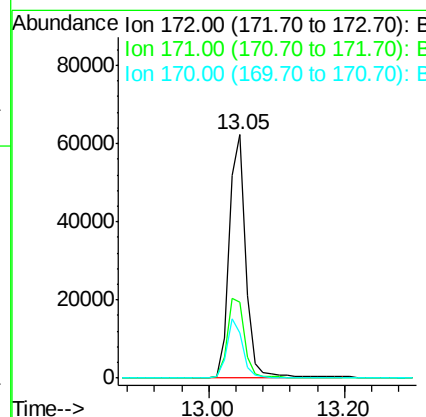
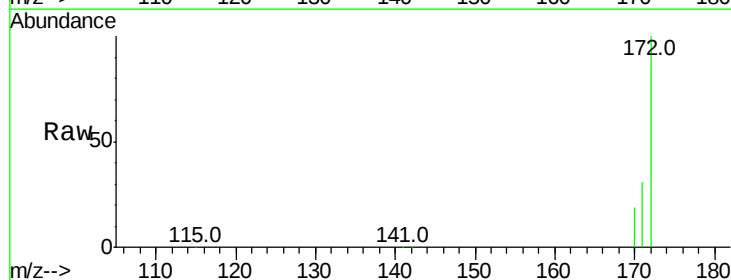
Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

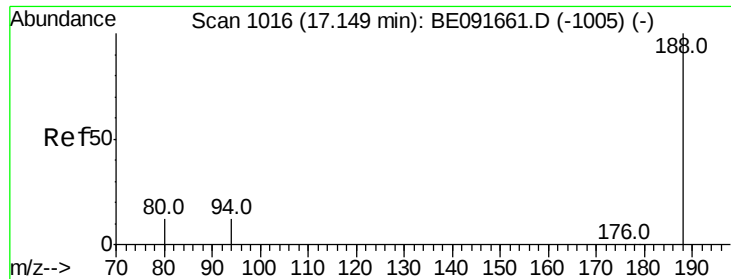
Tot Ion:330 Resp: 20509
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.1 118.7
 141 45.3 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.55 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Tgt Ion:172 Resp: 107890
 Ion Ratio Lower Upper
 172 100
 171 31.0 28.8 43.2
 170 18.7 19.3 28.9#

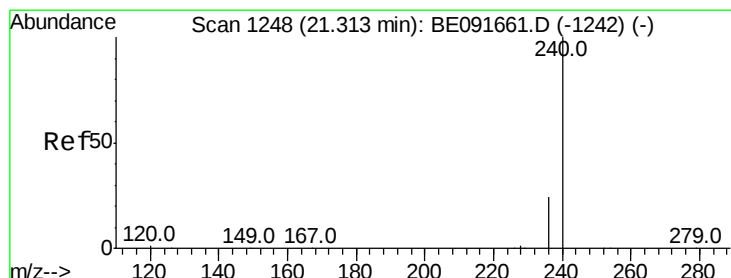
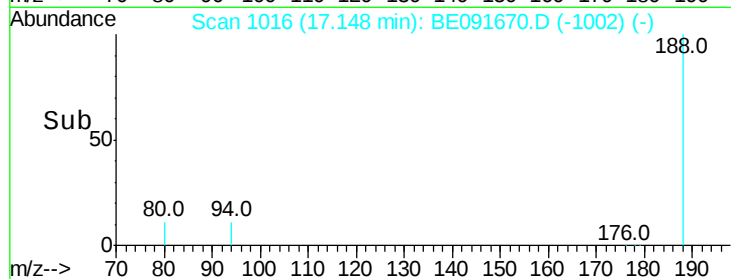
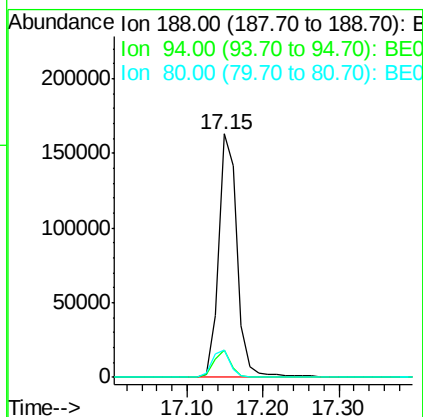
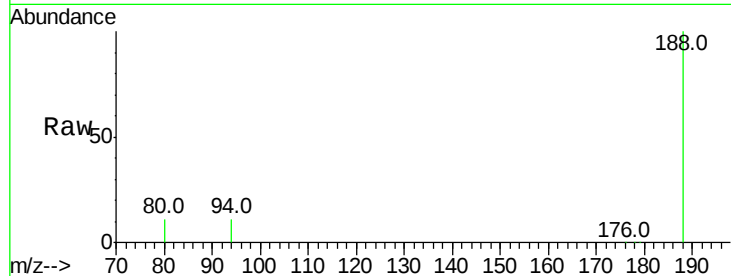




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091670.D
Acq: 18 Apr 2016 19:09

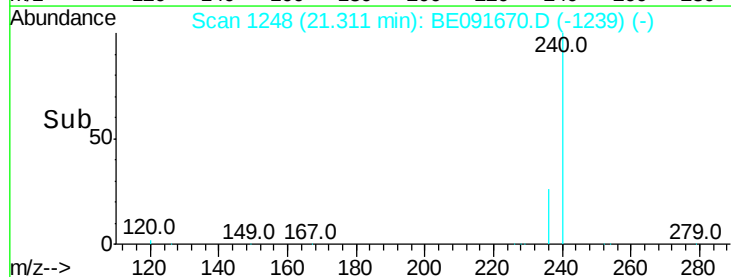
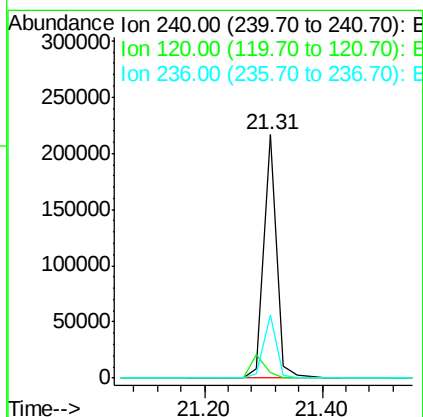
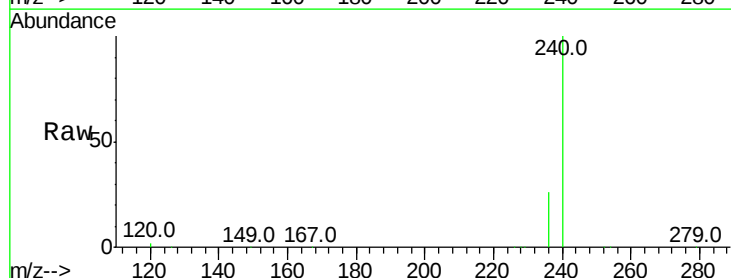
Instrument :
BNA_E
ClientSampleId :
PB89886BL

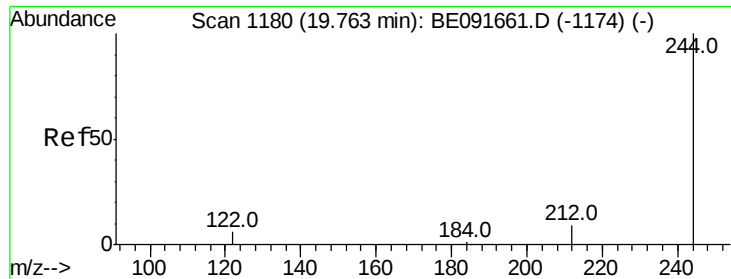
Tot Ion:188 Resp: 279129
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 11.2 9.4 14.0



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091670.D
Acq: 18 Apr 2016 19:09

Tgt Ion:240 Resp: 332421
Ion Ratio Lower Upper
240 100
120 2.1 11.0 16.4#
236 25.9 21.7 32.5

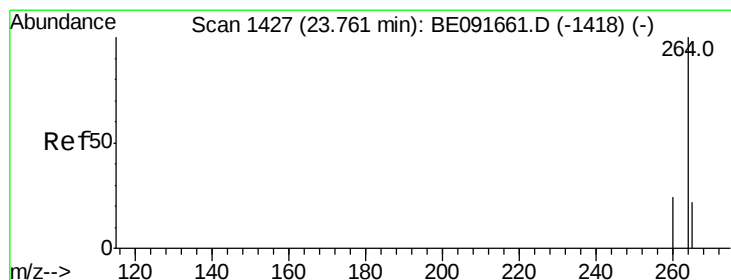
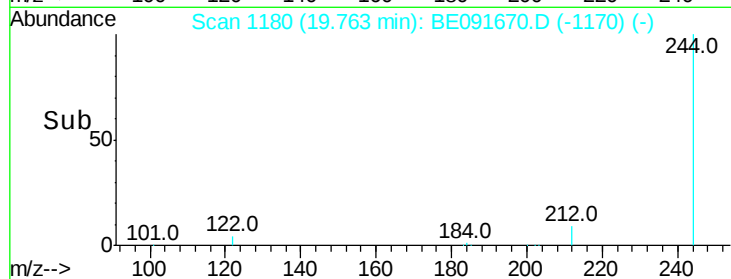
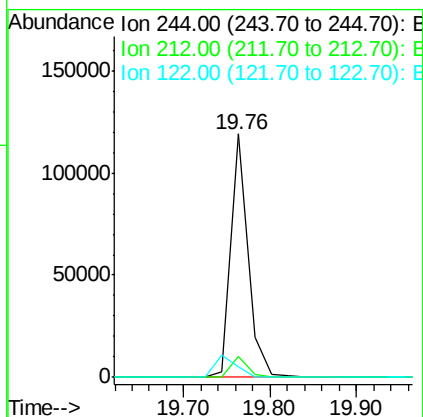
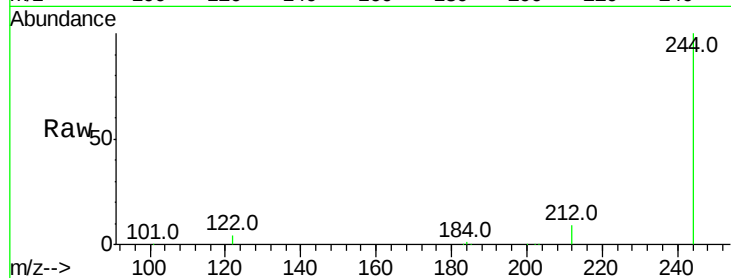




#29
 Terphenyl-d14
 Concen: 3.69 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	4.5	11.0	16.4



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.6	17.5	26.3

