

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
 Data File : BE091630.D
 Acq On : 11 Apr 2016 16:12
 Operator : UM/SJ
 Sample : PB89409BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89409BL

Quant Time: Apr 12 02:14:49 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	90690	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	443603	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	270936	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	676993	5.00	ng	0.00
26) Chrysene-d12	21.31	240	827310	5.00	ng	0.00
35) Perylene-d12	23.76	264	742735	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	133726	6.18	ng	0.00
5) Phenol-d6	6.97	99	204423	7.08	ng	0.00
8) Nitrobenzene-d5	8.96	82	88096	3.42	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	63667	6.47	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	262344	3.48	ng	0.00
29) Terphenyl-d14	19.76	244	416235	4.03	ng	0.00

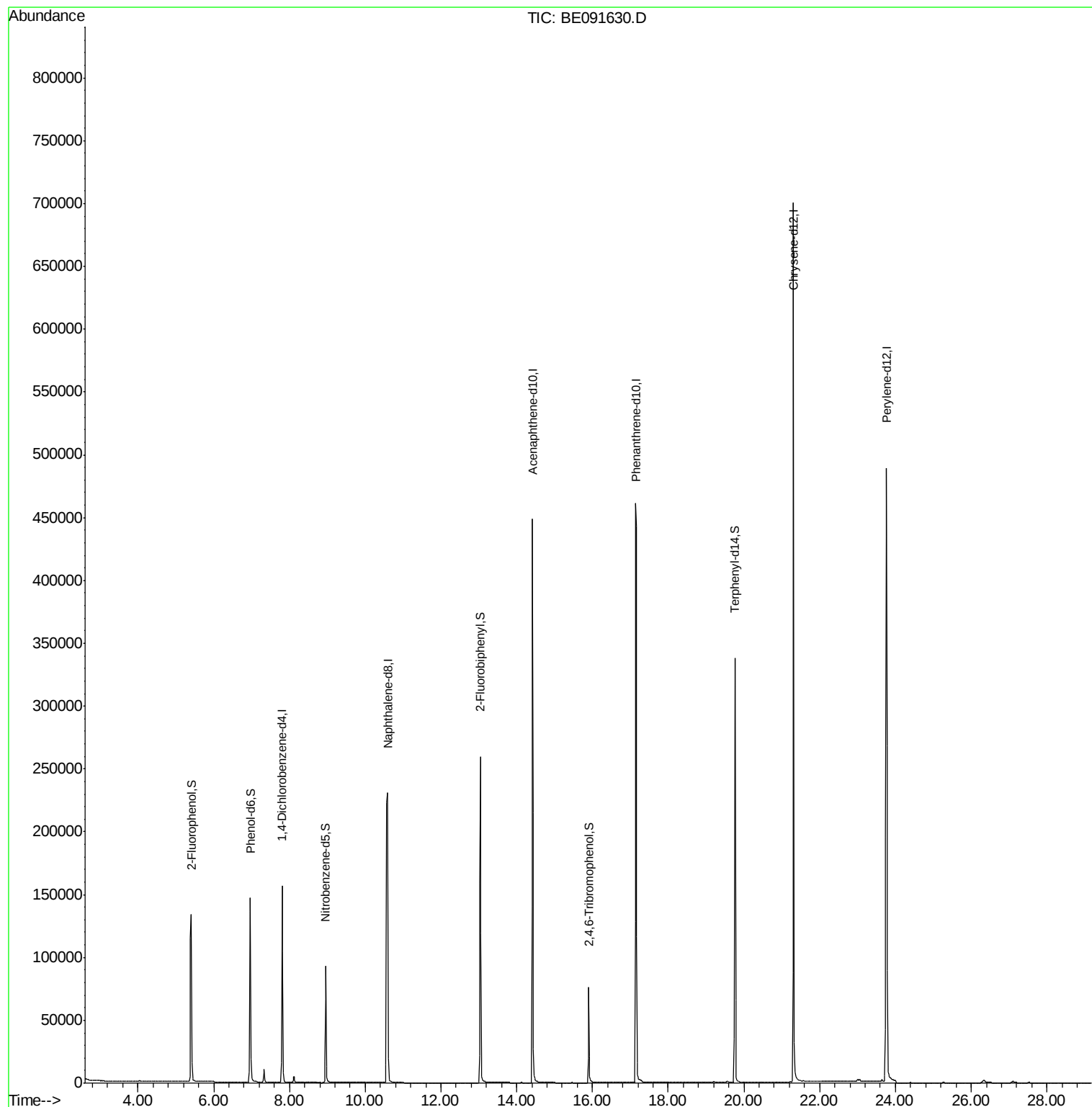
Target Compounds	Qvalue
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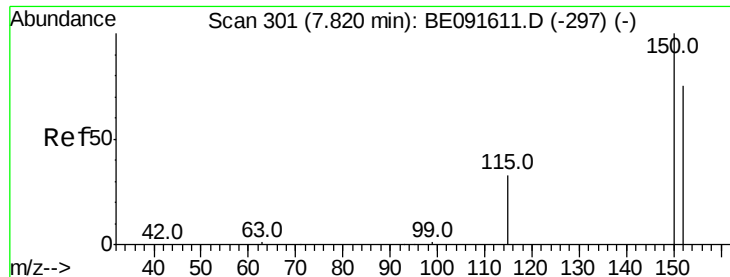
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091630.D

Acq: 11 Apr 2016 16:12

Instrument :

BNA_E

ClientSampleId :

PB89409BL

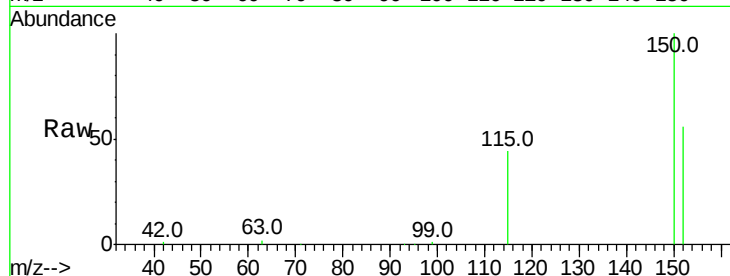
Tot Ion:152 Resp: 90690

Ion Ratio Lower Upper

152 100

150 179.3 122.6 183.8

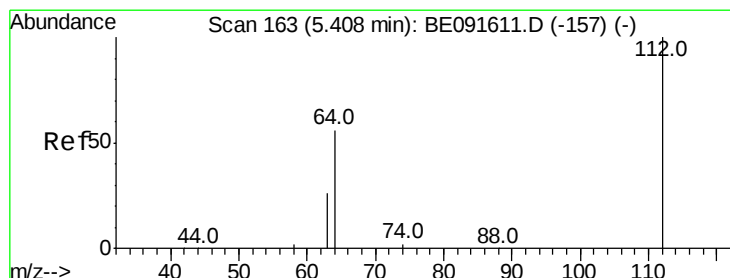
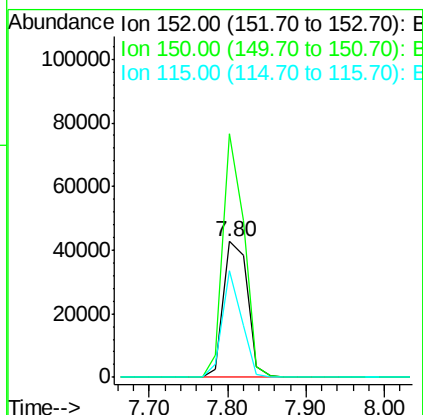
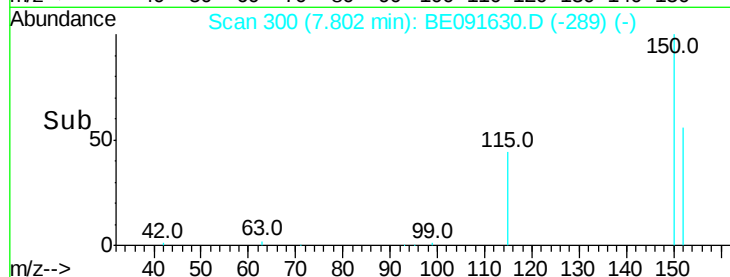
115 78.6 52.8 79.2



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: 6.18 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091630.D

Acq: 11 Apr 2016 16:12

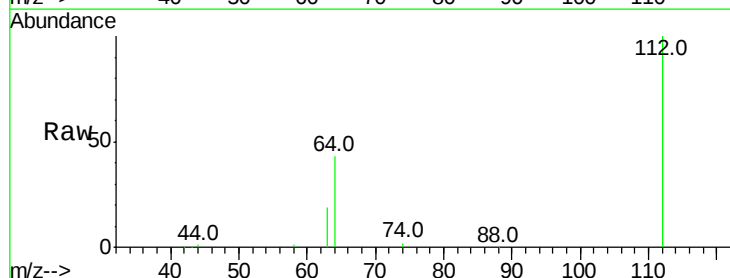
Tgt Ion:112 Resp: 133726

Ion Ratio Lower Upper

112 100

64 67.7 30.9 46.3#

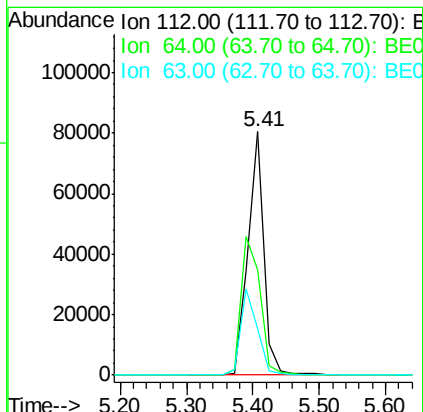
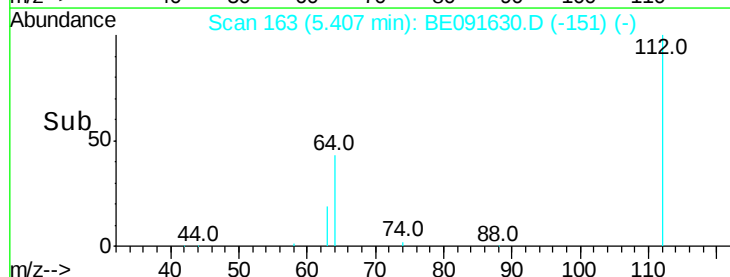
63 37.1 16.7 25.1#

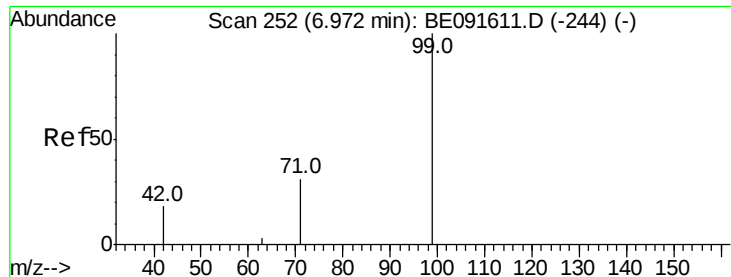


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.08 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091630.D

Acq: 11 Apr 2016 16:12

Instrument :

BNA_E

ClientSampleId :

PB89409BL

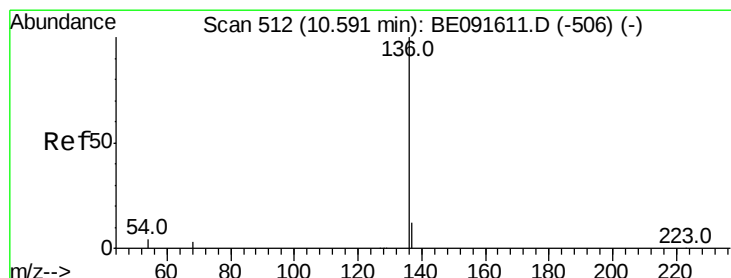
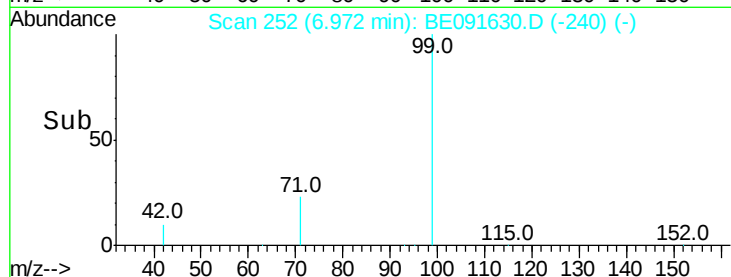
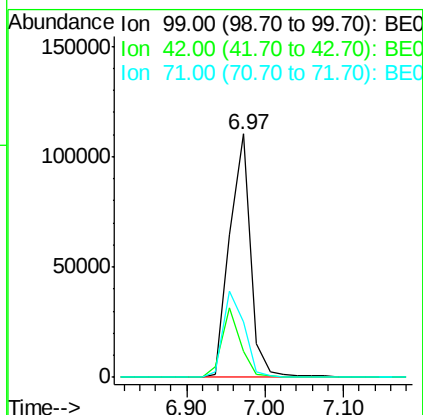
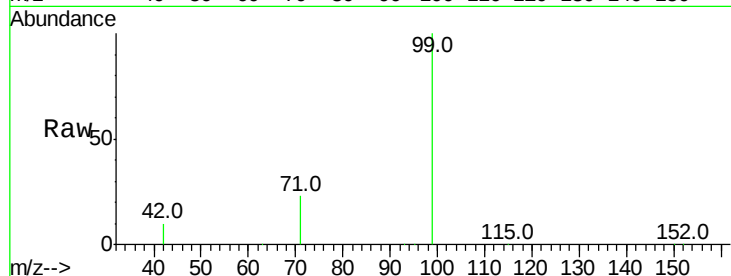
Tot Ion: 99 Resp: 204423

Ion Ratio Lower Upper

99 100

42 25.4 16.2 24.2#

71 36.0 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091630.D

Acq: 11 Apr 2016 16:12

Tgt Ion: 136 Resp: 443603

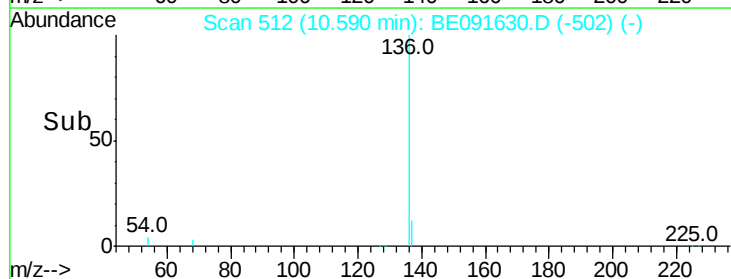
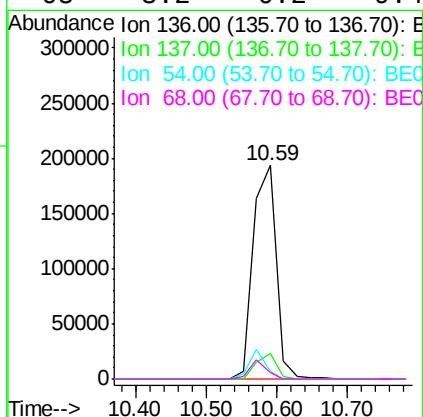
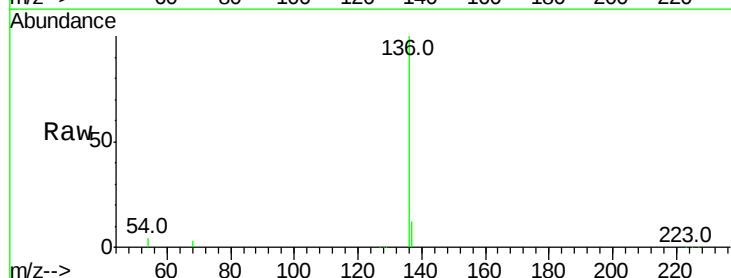
Ion Ratio Lower Upper

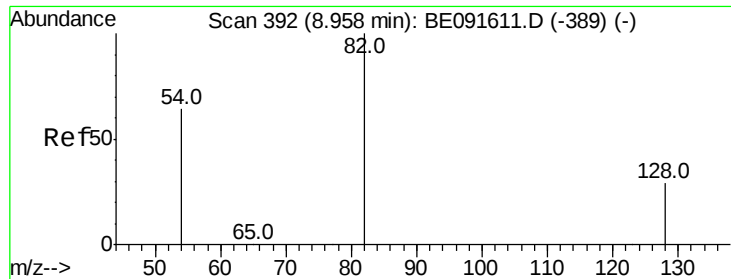
136 100

137 12.2 8.9 13.3

54 3.9 8.2 12.4#

68 3.2 6.2 9.4#

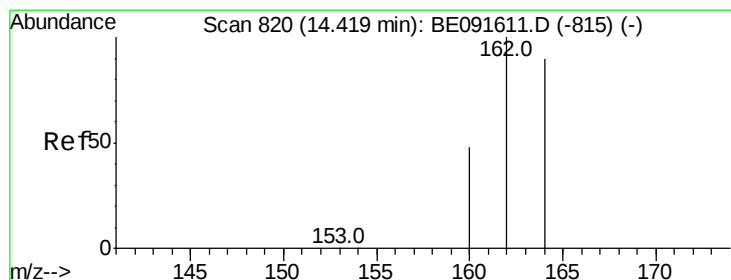
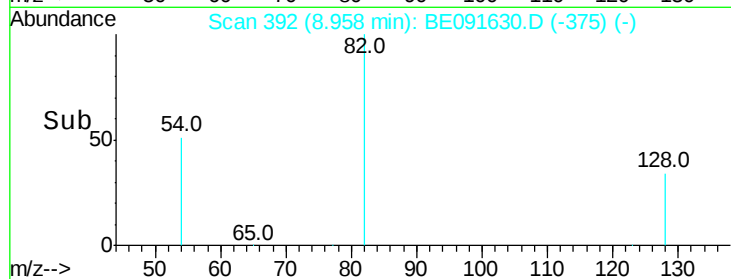
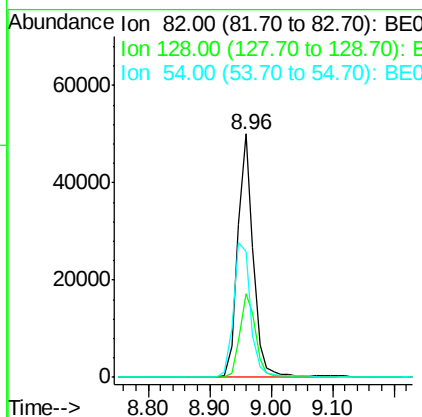
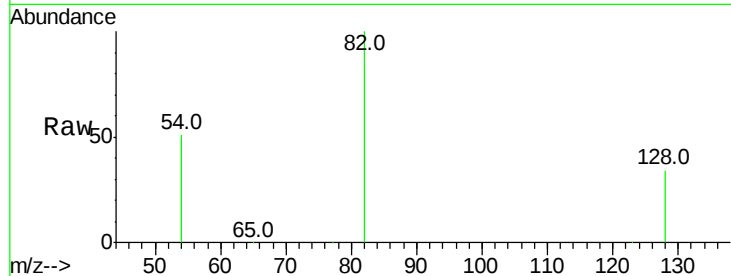




#8
 Nitrobenzene-d5
 Concen: 3.42 ng
 RT: 8.96 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BE091630.D
 Acq: 11 Apr 2016 16:12

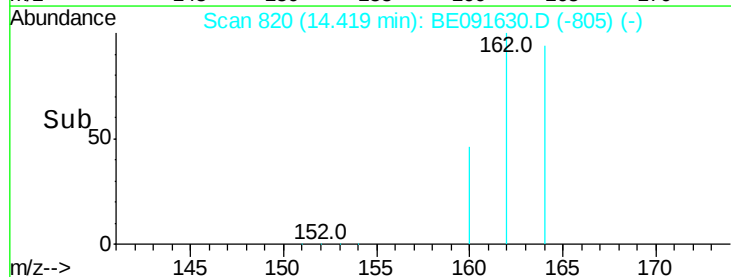
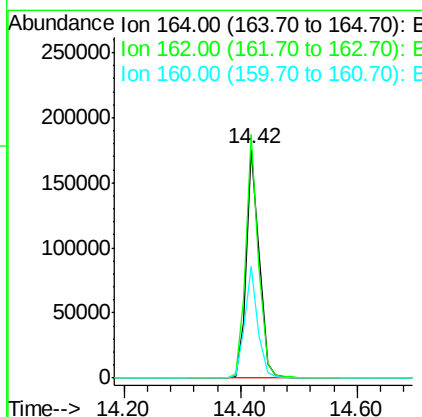
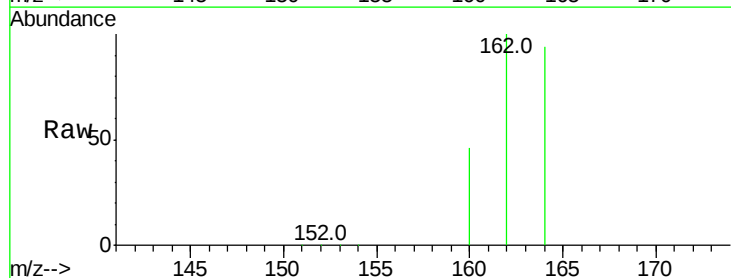
Instrument :
 BNA_E
 ClientSampleId :
 PB89409BL

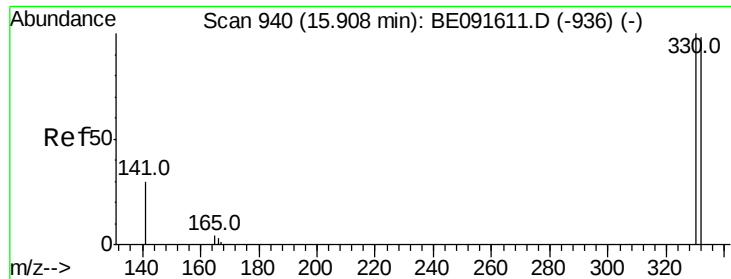
Tot Ion	82	Resp	88096
Ion Ratio	Lower	Upper	
82	100		
128	34.1	25.4	38.0
54	51.5	48.4	72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE091630.D
 Acq: 11 Apr 2016 16:12

Tgt Ion	164	Resp	270936
Ion Ratio	Lower	Upper	
164	100		
162	106.5	85.3	127.9
160	48.6	46.2	69.2

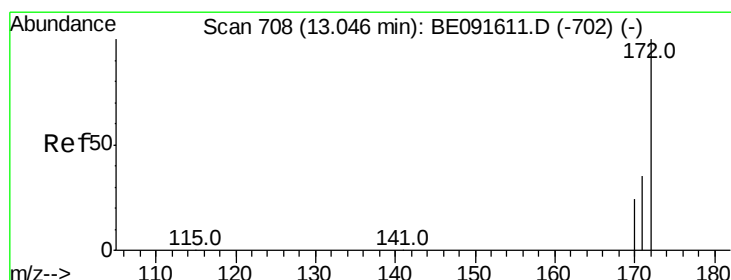
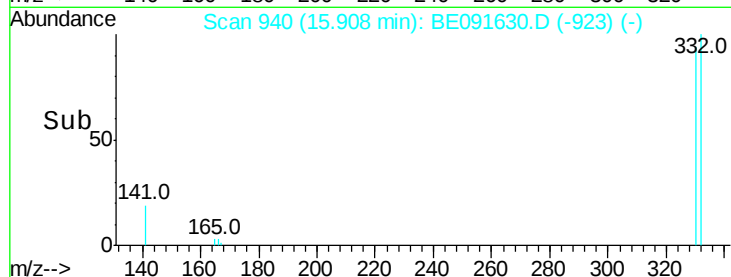
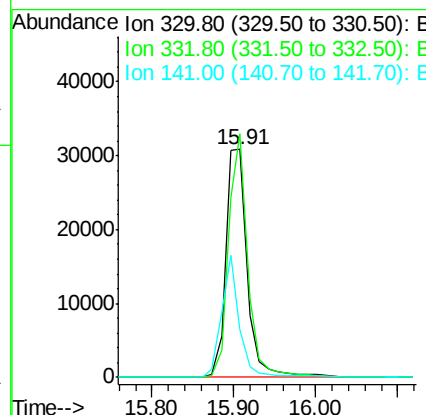
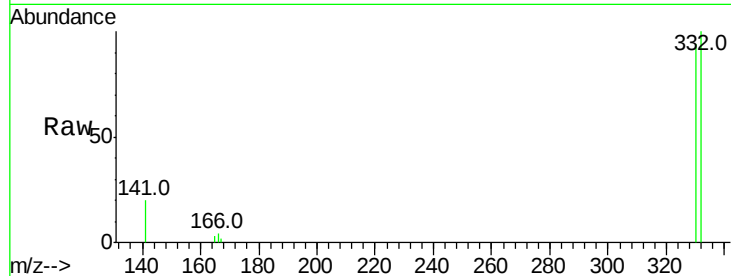




#14
 2,4,6-Tribromophenol
 Concen: 6.47 ng
 RT: 15.91 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BE091630.D
 Acq: 11 Apr 2016 16:12

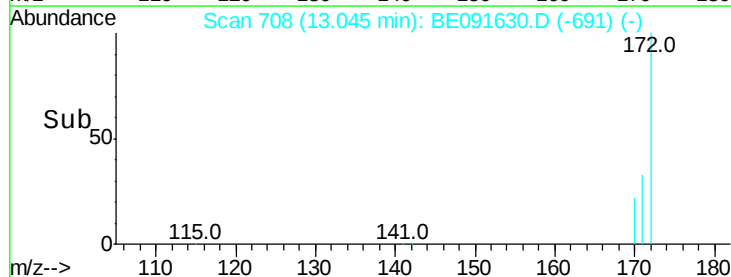
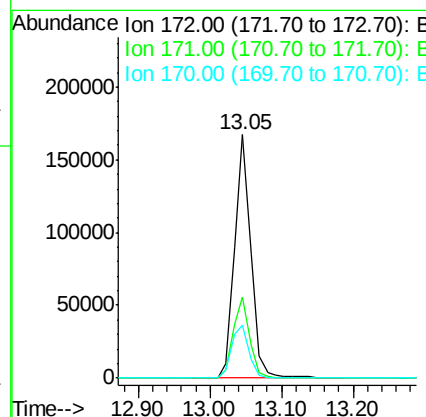
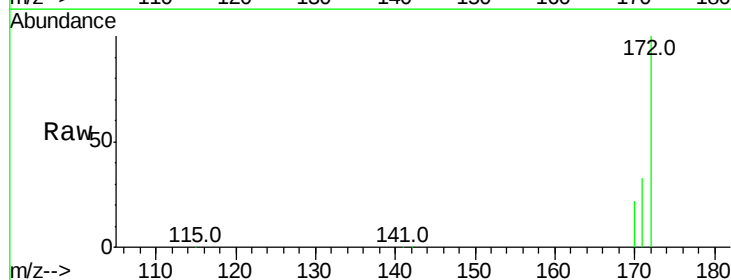
Instrument :
 BNA_E
 ClientSampleId :
 PB89409BL

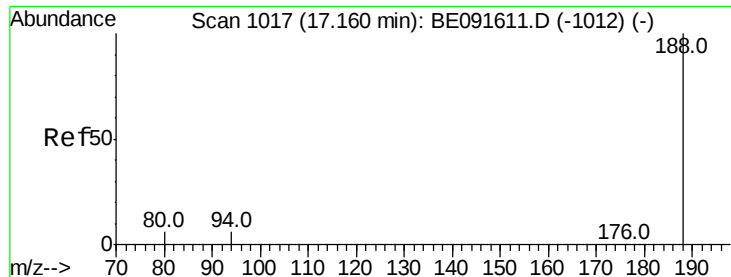
Tot Ion:330 Resp: 63667
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.1 118.7
 141 43.3 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.48 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091630.D
 Acq: 11 Apr 2016 16:12

Tgt Ion:172 Resp: 262344
 Ion Ratio Lower Upper
 172 100
 171 33.3 28.8 43.2
 170 21.6 19.3 28.9

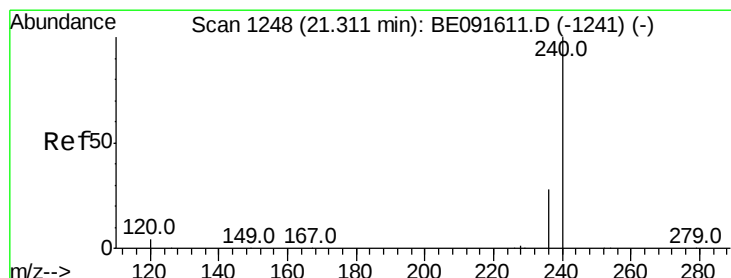
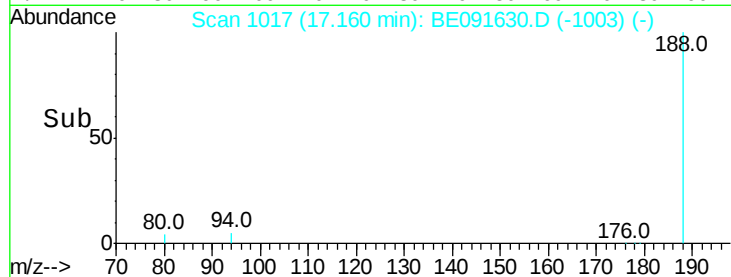
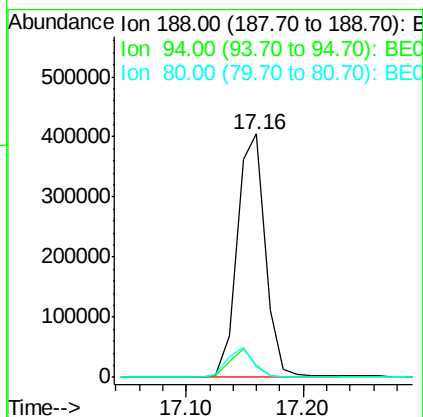
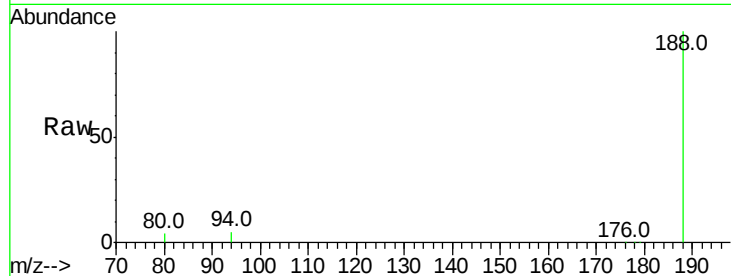




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

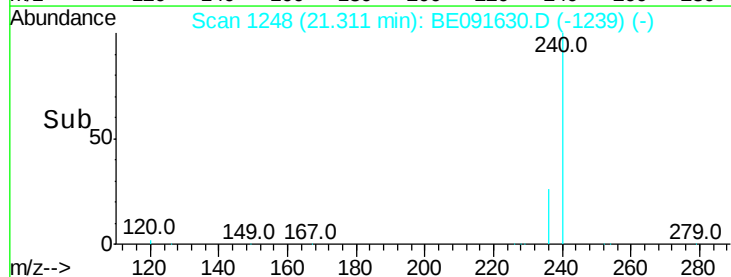
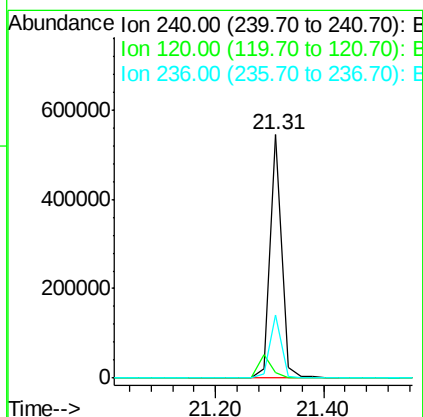
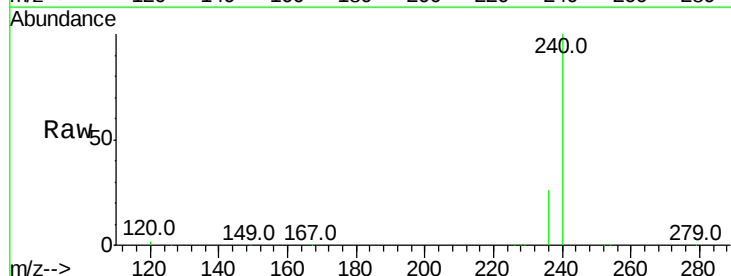
Instrument :
BNA_E
ClientSampled :
PB89409BL

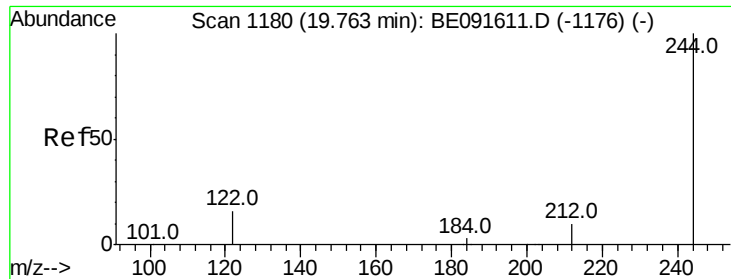
Tot Ion:188 Resp: 676993
Ion Ratio Lower Upper
188 100
94 5.0 8.7 13.1#
80 4.2 9.4 14.0#



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091630.D
Acq: 11 Apr 2016 16:12

Tgt Ion:240 Resp: 827310
Ion Ratio Lower Upper
240 100
120 2.2 11.0 16.4#
236 25.9 21.7 32.5





#29

Terphenyl-d14

Concen: 4.03 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091630.D

Acq: 11 Apr 2016 16:12

Instrument :

BNA_E

ClientSampleId :

PB89409BL

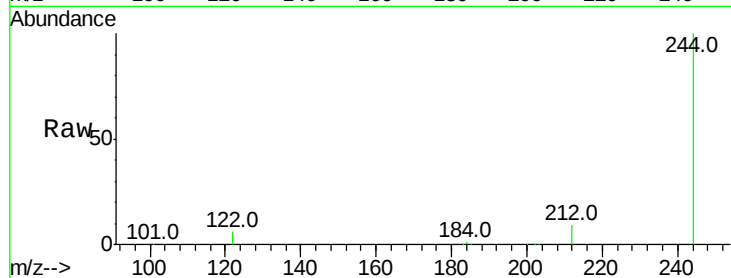
Tot Ion:244 Resp: 416235

Ion Ratio Lower Upper

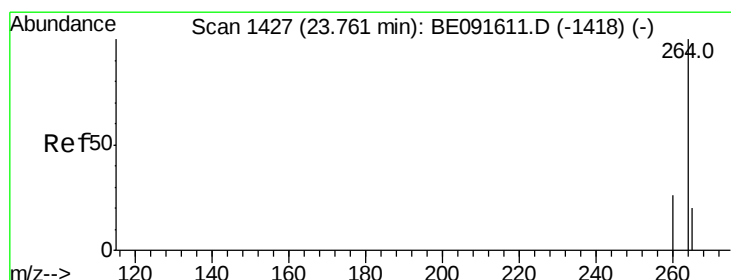
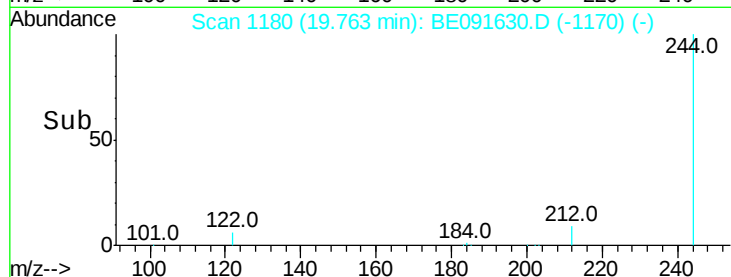
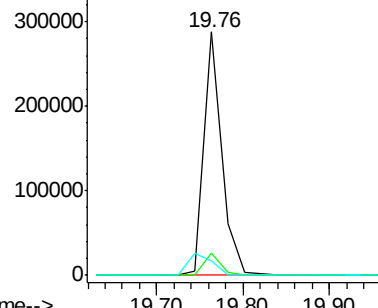
244 100

212 9.0 6.9 10.3

122 5.9 11.0 16.4#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.76 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BE091630.D

Acq: 11 Apr 2016 16:12

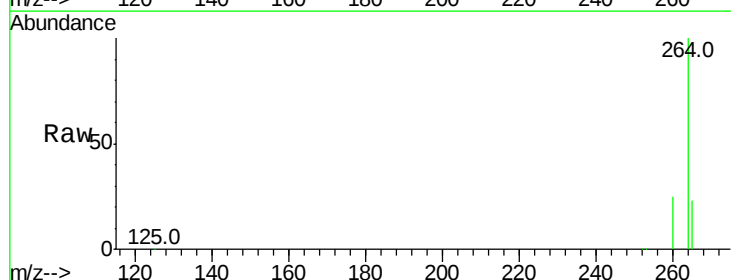
Tgt Ion:264 Resp: 742735

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 22.9 17.5 26.3



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

