

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
 Data File : BE091568.D
 Acq On : 30 Mar 2016 23:51
 Operator : UM/SJ
 Sample : H1953-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB

Quant Time: Mar 31 01:05:09 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	39588	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	181095	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	112176	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	286367	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	418543	5.00	ng	-0.02
28) Perylene-d12	23.76	264	348567	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	33155	3.20	ng	-0.01
5) Phenol-d6	6.97	99	28182	2.01	ng	-0.02
7) Nitrobenzene-d5	8.96	82	49293	4.06	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	34753	6.99	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	131955	4.14	ng	-0.02
24) Terphenyl-d14	19.76	244	257713	4.85	ng	-0.02

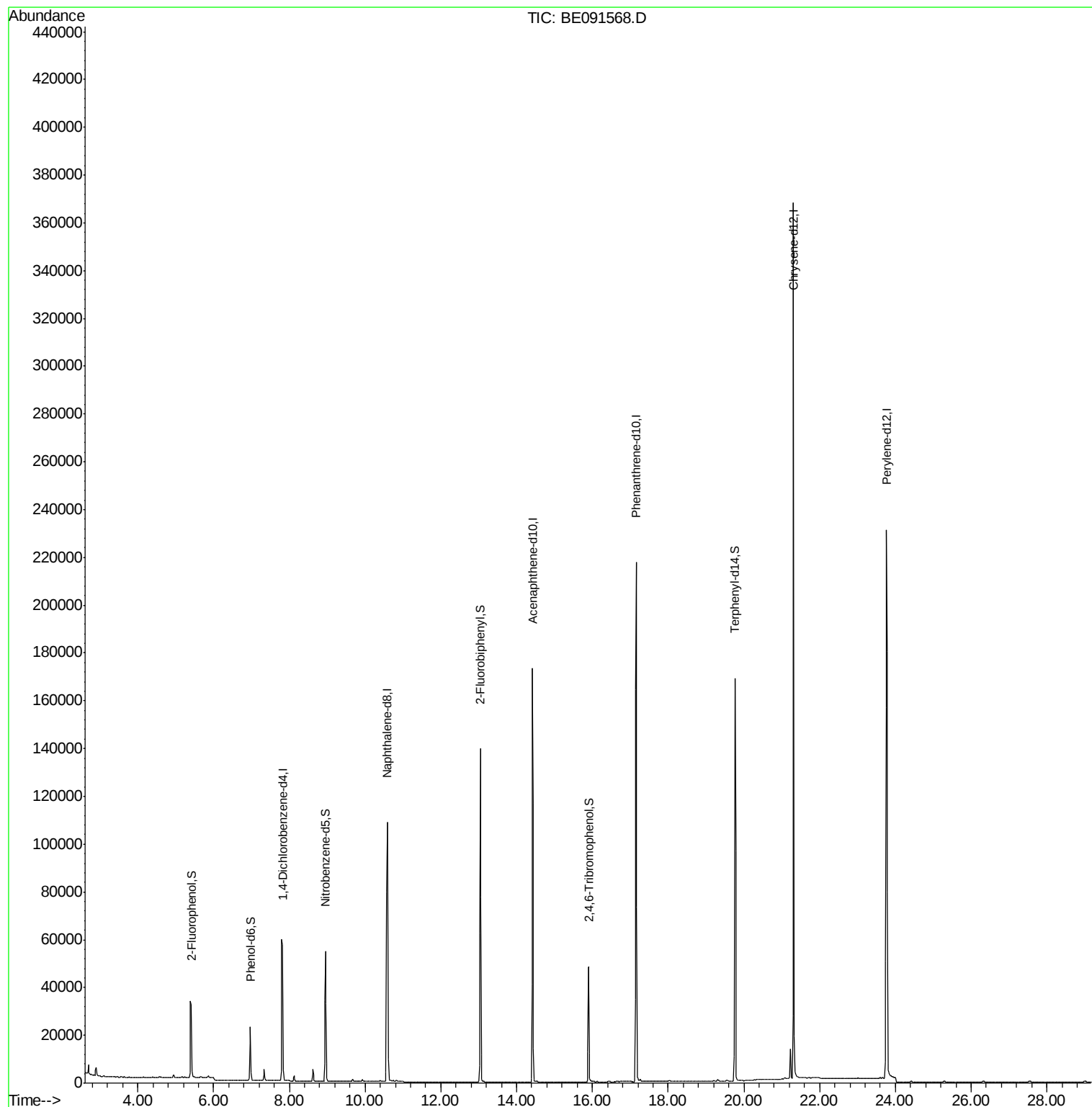
Target Compounds	Qvalue
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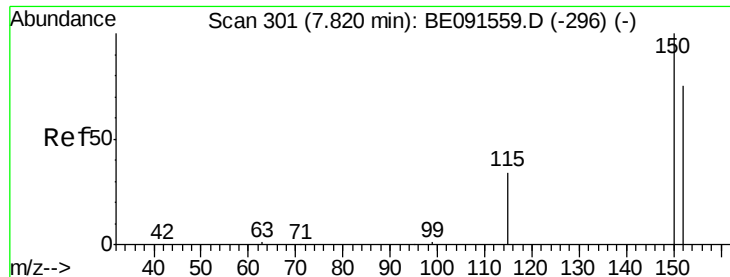
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

Instrument :

BNA_E

ClientSampleId :

FB

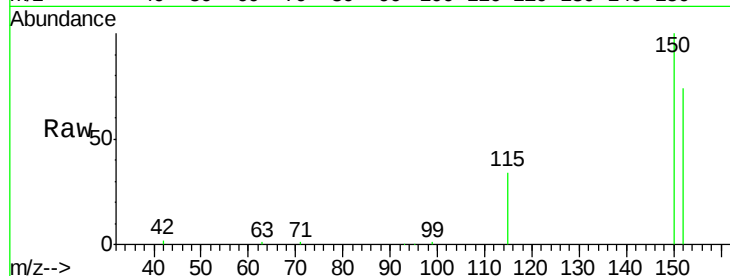
Tgt Ion:152 Resp: 39588

Ion Ratio Lower Upper

152 100

150 134.7 122.2 183.2

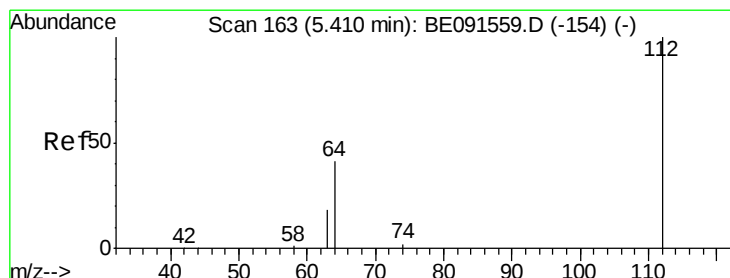
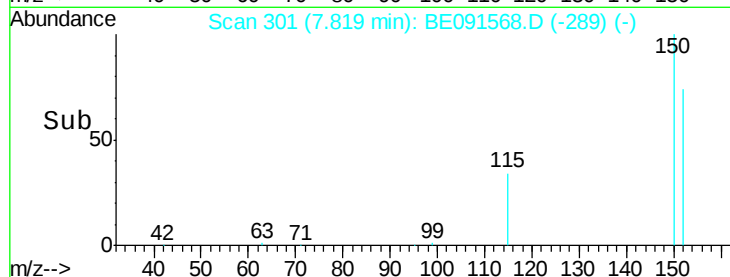
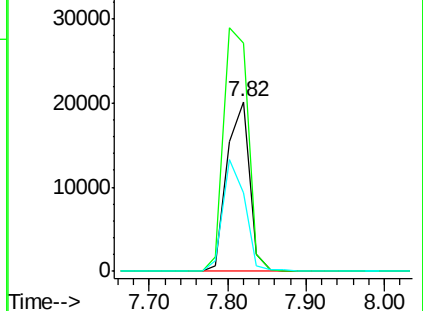
115 46.0 45.9 68.9



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: 3.20 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.01 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

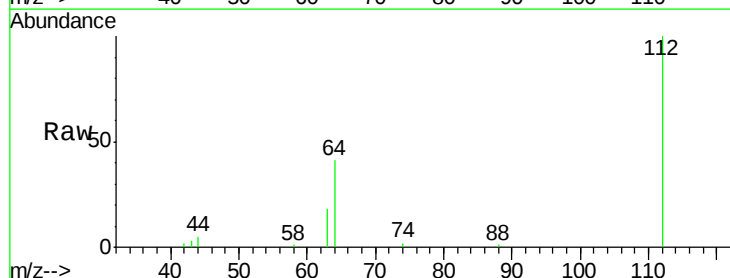
Tgt Ion:112 Resp: 33155

Ion Ratio Lower Upper

112 100

64 68.4 53.3 79.9

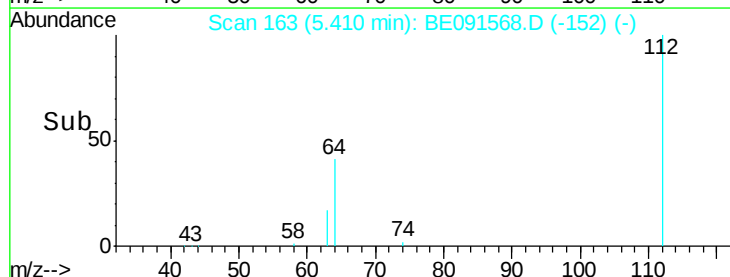
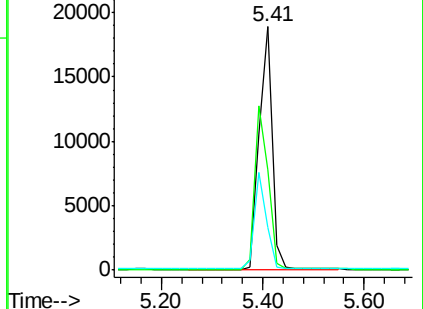
63 37.0 29.8 44.8

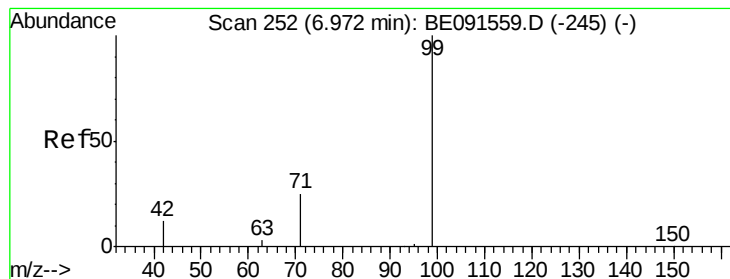


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.01 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

Instrument :

BNA_E

ClientSampleId :

FB

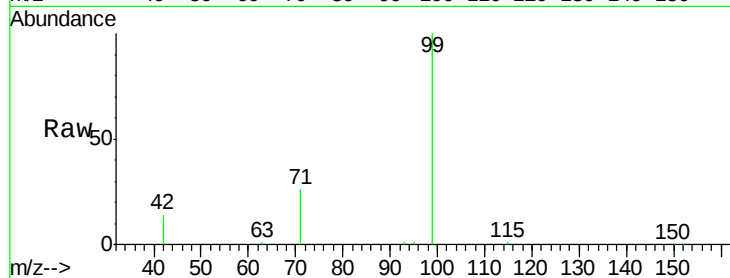
Tgt Ion: 99 Resp: 28182

Ion Ratio Lower Upper

99 100

42 24.7 20.6 30.8

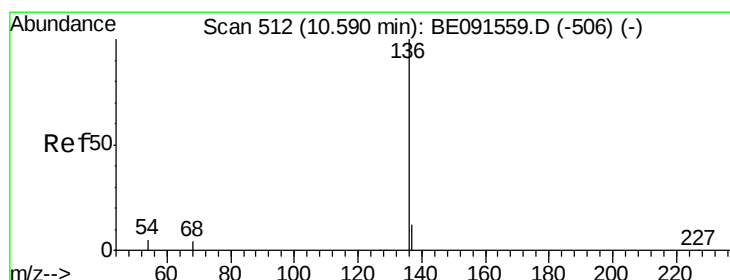
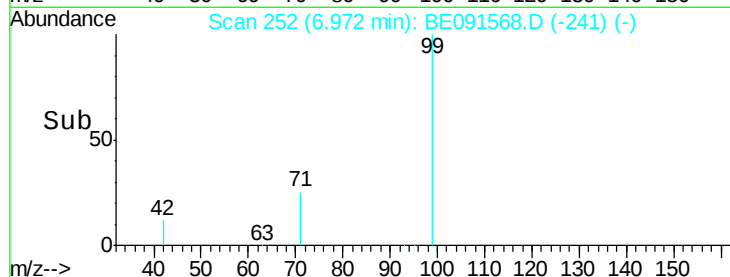
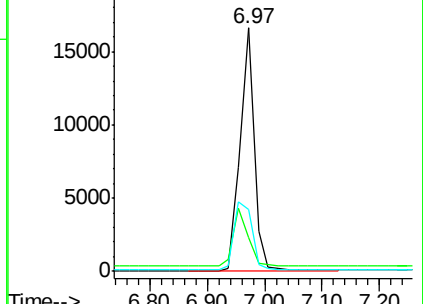
71 35.8 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

Tgt Ion: 136 Resp: 181095

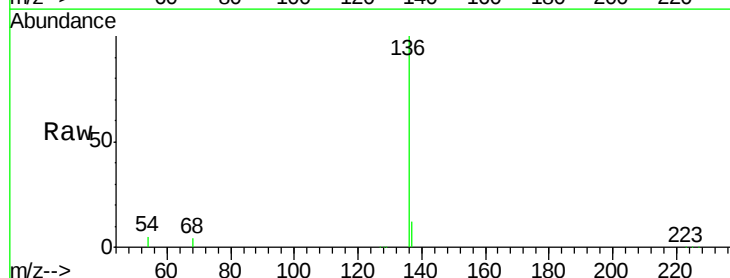
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.5 5.2 7.8#

68 3.8 4.1 6.1#

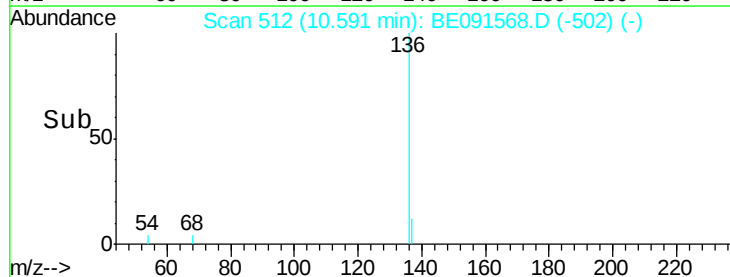
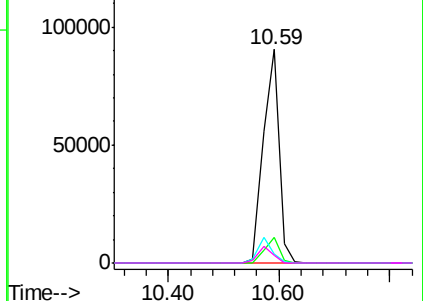


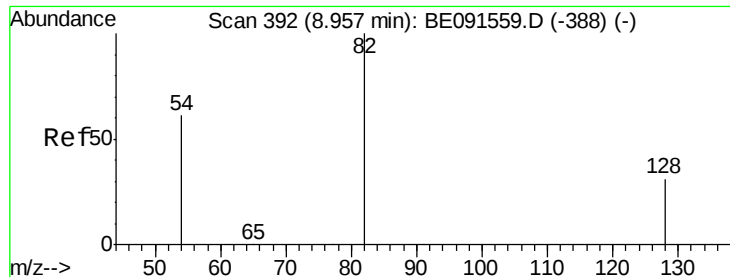
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 4.06 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

Instrument :

BNA_E

ClientSampleId :

FB

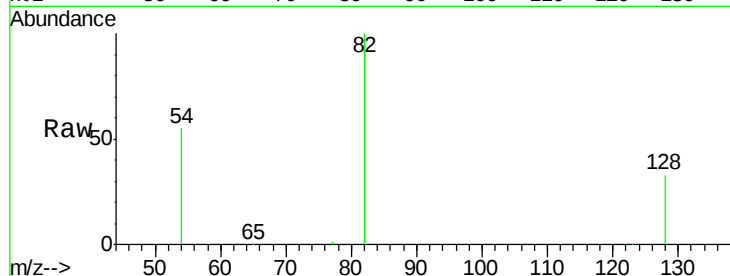
Tgt Ion: 82 Resp: 49293

Ion Ratio Lower Upper

82 100

128 33.4 23.5 35.3

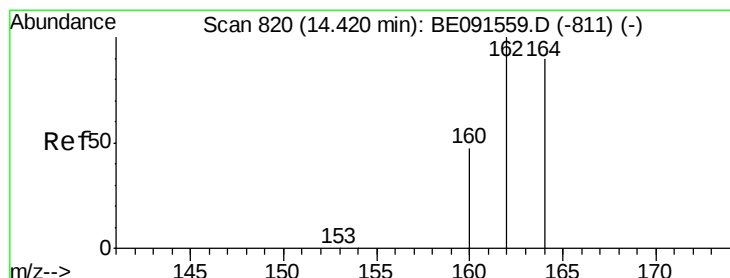
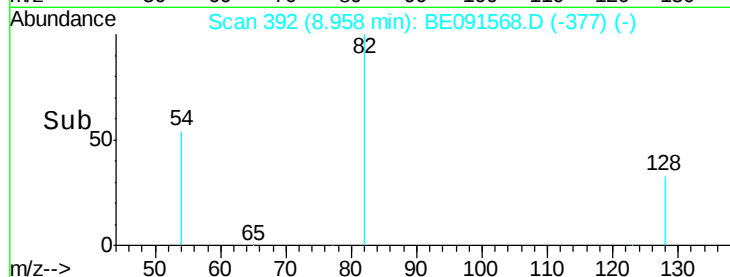
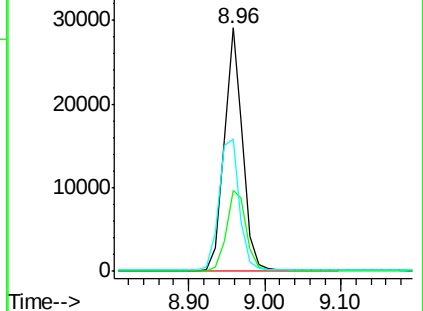
54 54.6 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

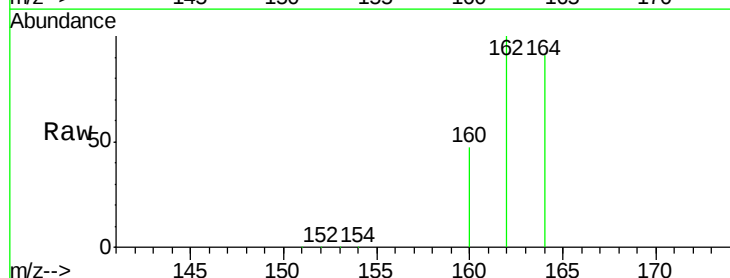
Tgt Ion: 164 Resp: 112176

Ion Ratio Lower Upper

164 100

162 110.0 84.4 126.6

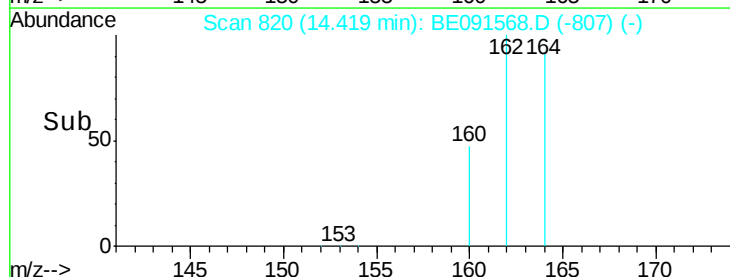
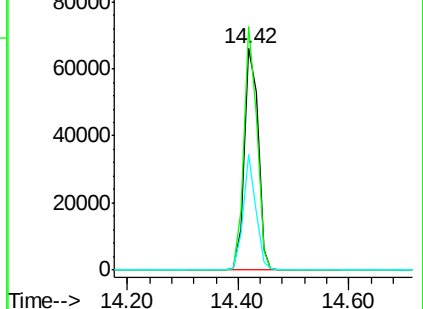
160 52.2 37.7 56.5

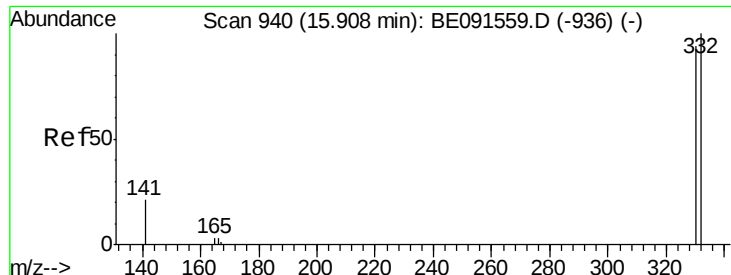


Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BE091559.D (-811) (-)

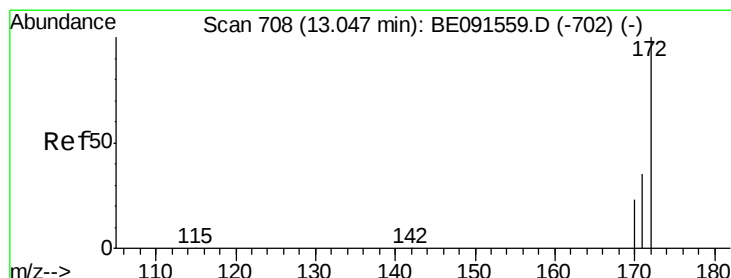
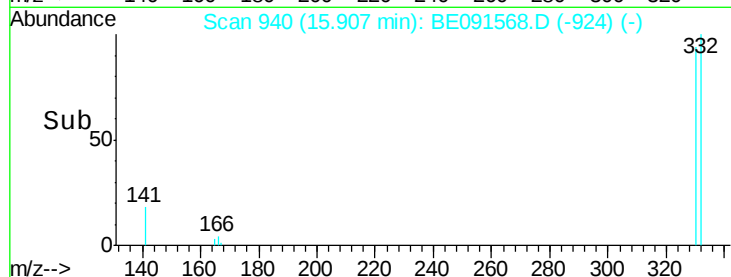
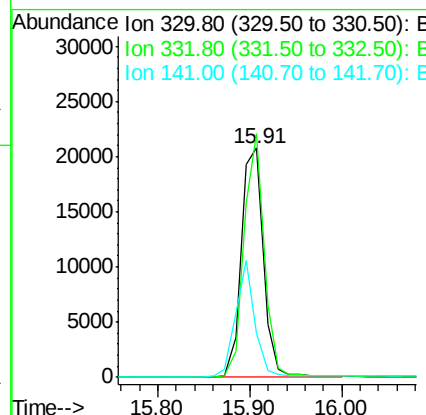
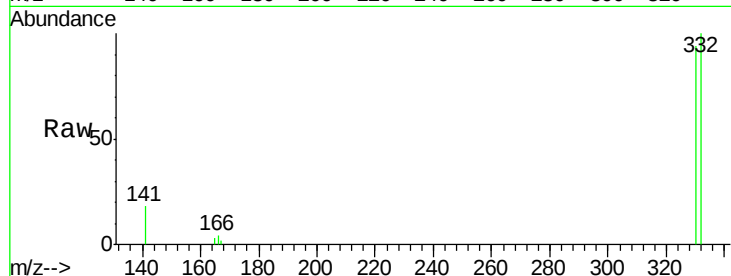




#11
 2,4,6-Tribromophenol
 Concen: 6.99 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091568.D
 Acq: 30 Mar 2016 23:51

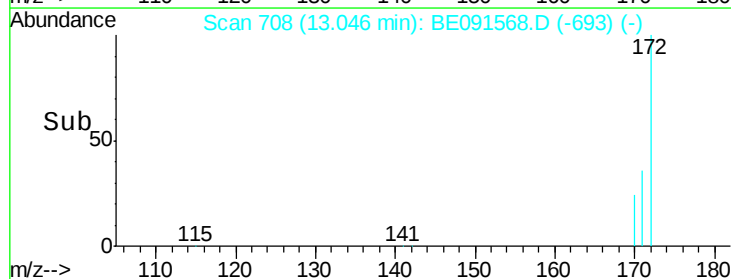
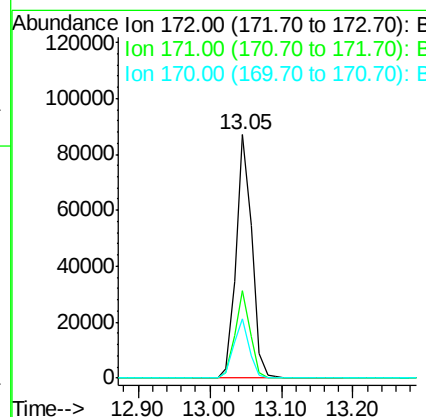
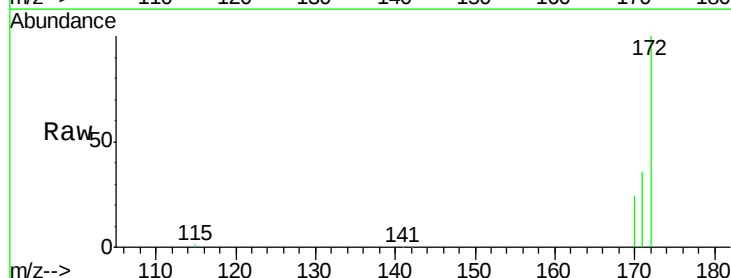
Instrument :
 BNA_E
 ClientSampleId :
 FB

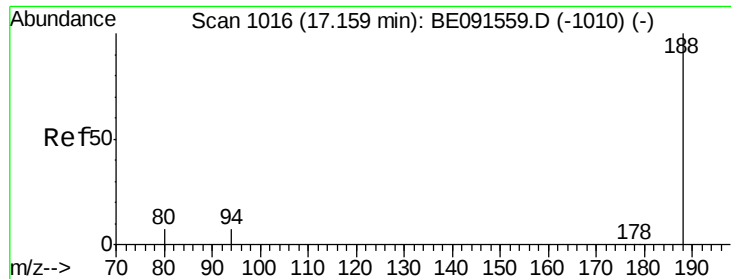
Tgt Ion:330 Resp: 34753
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.2 118.8
 141 43.3 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 4.14 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091568.D
 Acq: 30 Mar 2016 23:51

Tgt Ion:172 Resp: 131955
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.8 44.8
 170 24.3 21.4 32.2

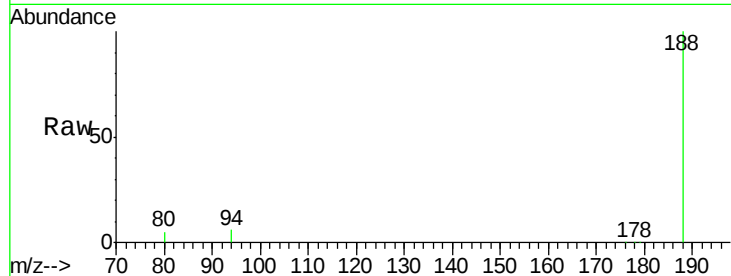




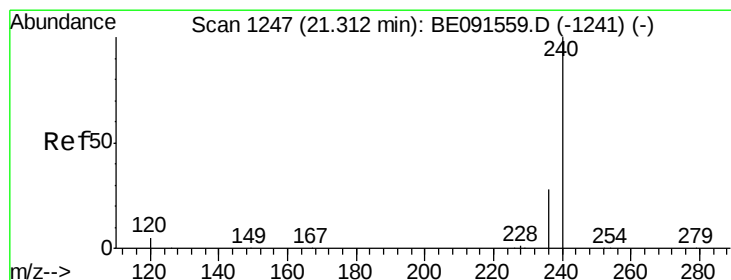
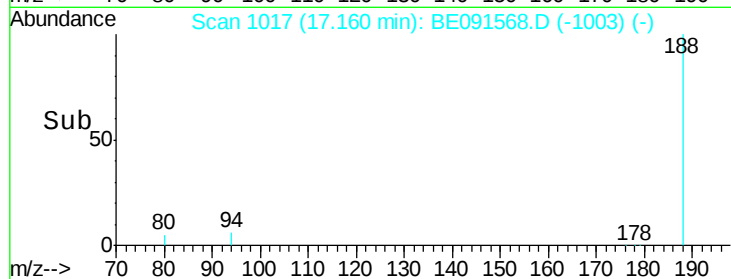
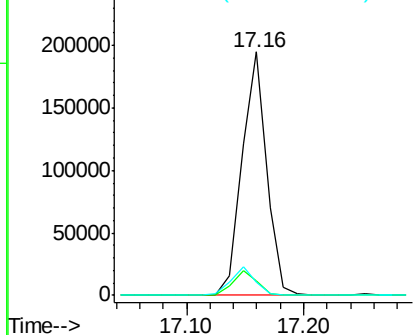
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:51

Instrument :
BNA_E
ClientSampleId :
FB

Tgt Ion:188 Resp: 286367
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.2
80 5.4 5.0 7.4

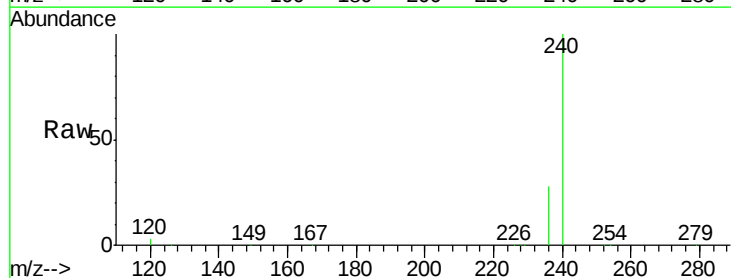


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

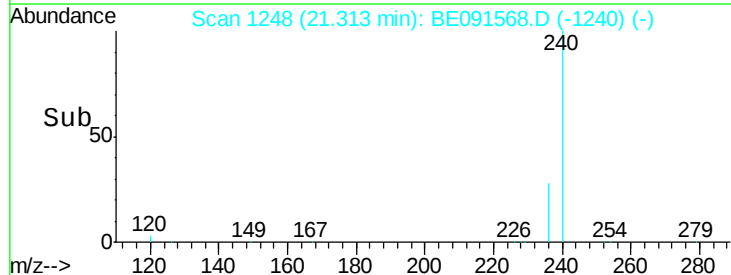
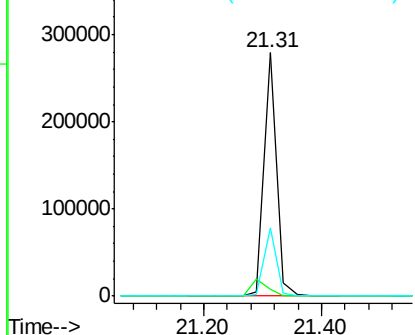


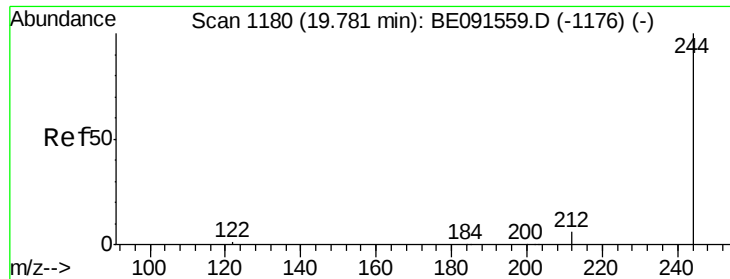
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091568.D
Acq: 30 Mar 2016 23:51

Tgt Ion:240 Resp: 418543
Ion Ratio Lower Upper
240 100
120 3.1 4.0 6.0#
236 27.8 23.0 34.4



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





#24

Terphenyl-d14

Concen: 4.85 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

Instrument :

BNA_E

ClientSampleId :

FB

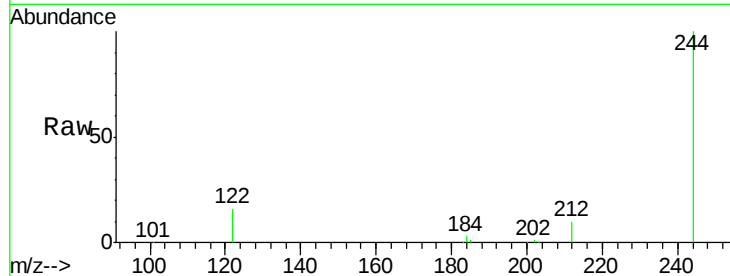
Tgt Ion:244 Resp: 257713

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

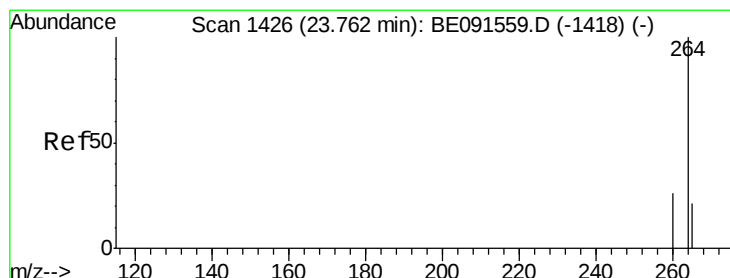
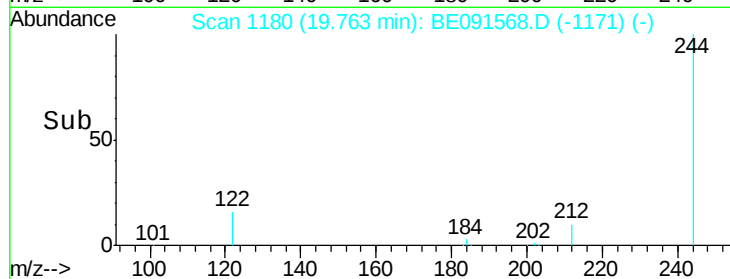
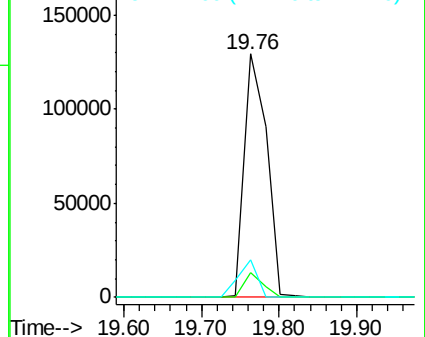
122 15.7 1.8 2.8#



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



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.76 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE091568.D

Acq: 30 Mar 2016 23:51

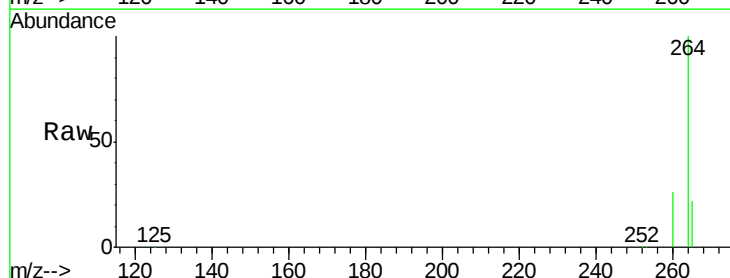
Tgt Ion:264 Resp: 348567

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.6 18.3 27.5



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

