

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
 Data File : BE091544.D
 Acq On : 28 Mar 2016 19:08
 Operator : UM/SJ
 Sample : PB89151BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89151BL

Quant Time: Mar 29 01:23:21 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:00:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	32154	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	147737	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	85625	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	225844	5.00	ng	0.00
22) Chrysene-d12	21.34	240	232603	5.00	ng	0.00
28) Perylene-d12	23.78	264	253116	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	47581	7.59	ng	-0.02
5) Phenol-d6	6.97	99	65558	7.66	ng	-0.02
7) Nitrobenzene-d5	8.97	82	22780	3.55	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	13304	9.13	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	90410	3.75	ng	-0.01
24) Terphenyl-d14	19.78	244	147719	3.86	ng	0.00

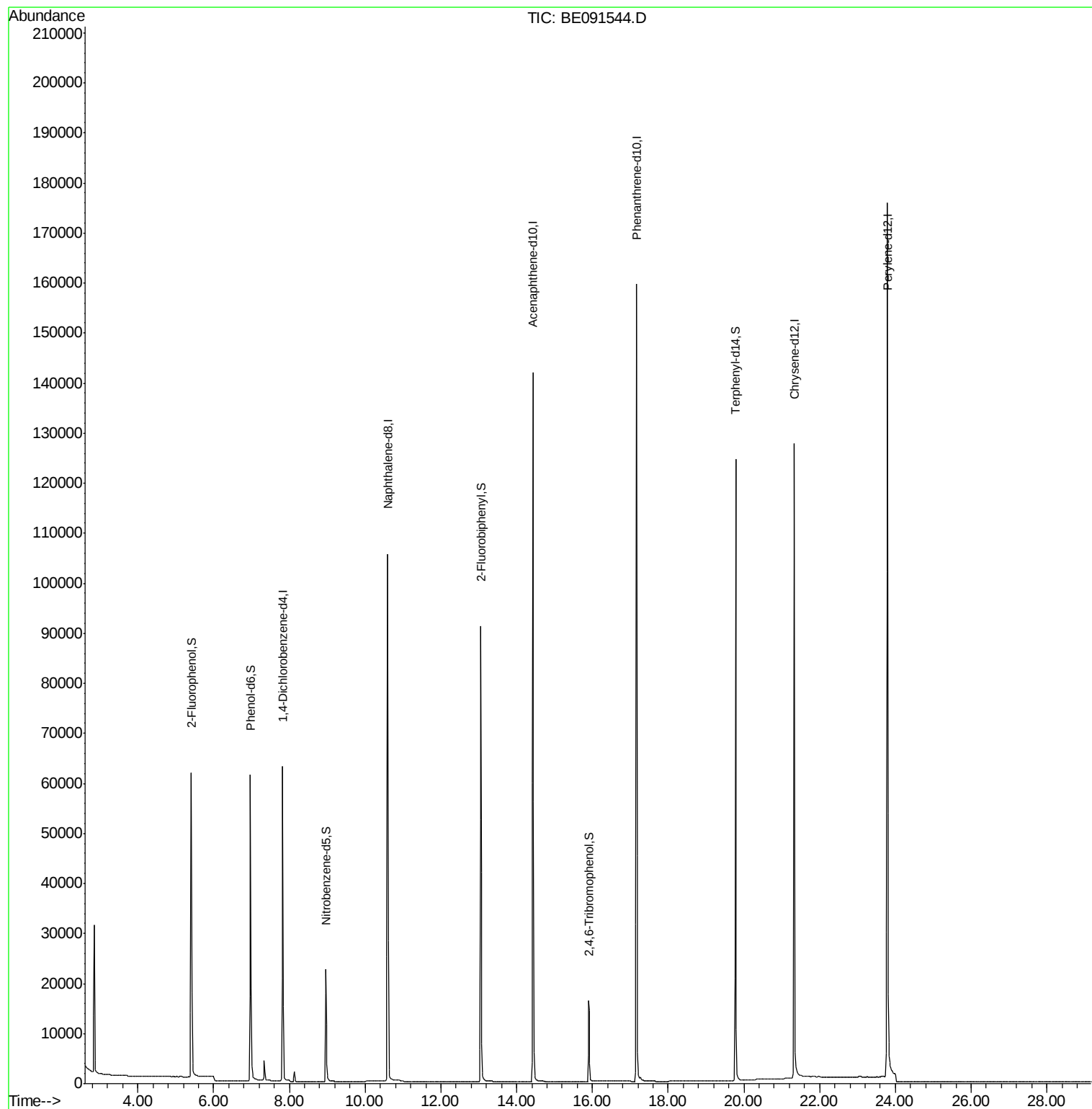
Target Compounds	Qvalue
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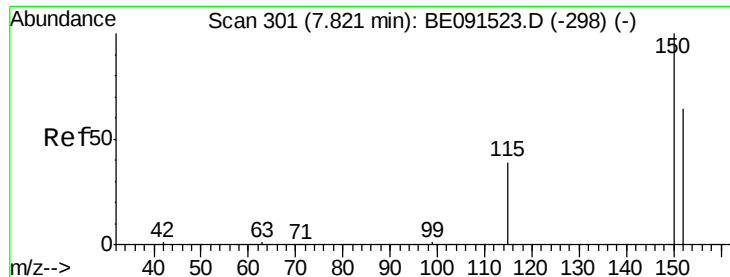
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 25 19:00:32 2016
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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: BE091544.D

Acq: 28 Mar 2016 19:08

Instrument :

BNA_E

ClientSampleId :

PB89151BL

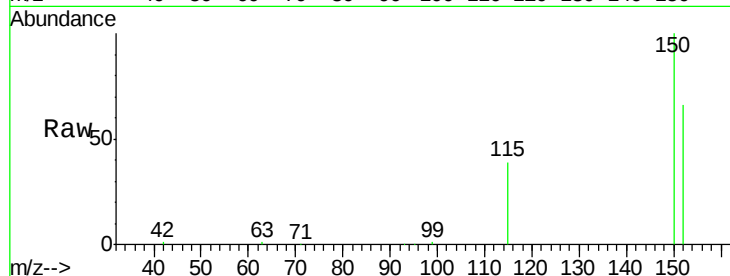
Tgt Ion:152 Resp: 32154

Ion Ratio Lower Upper

152 100

150 152.0 122.2 183.2

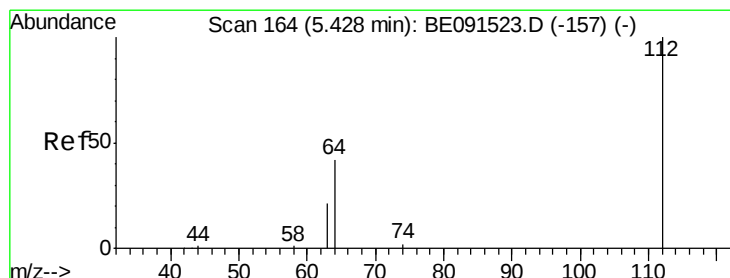
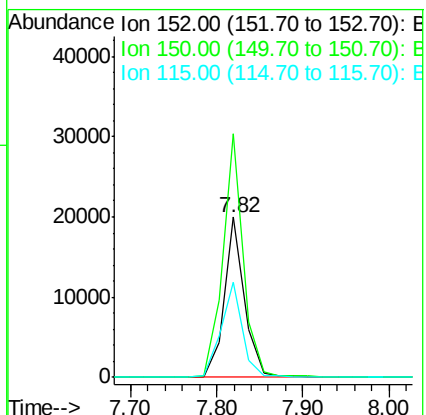
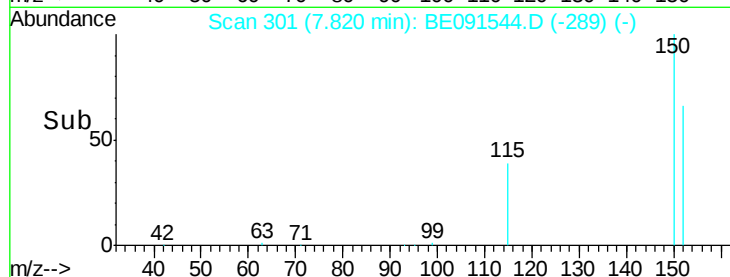
115 59.1 45.9 68.9



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: 7.59 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

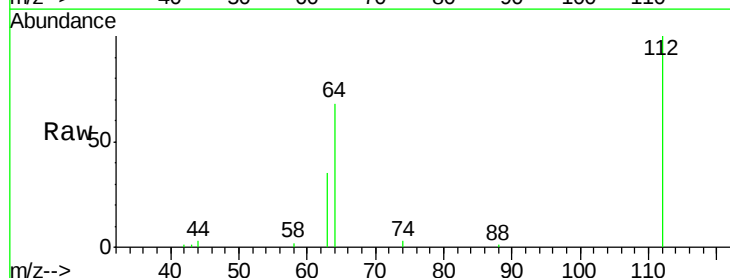
Tgt Ion:112 Resp: 47581

Ion Ratio Lower Upper

112 100

64 67.1 53.3 79.9

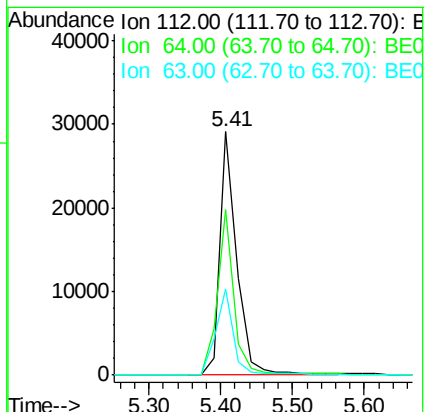
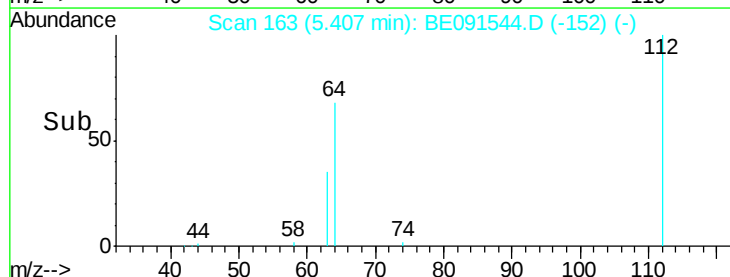
63 37.1 29.8 44.8

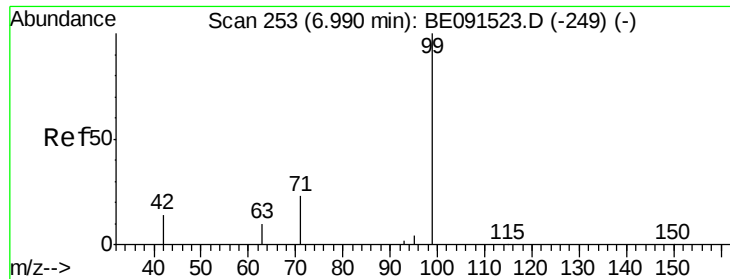


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.66 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

Instrument :

BNA_E

ClientSampled :

PB89151BL

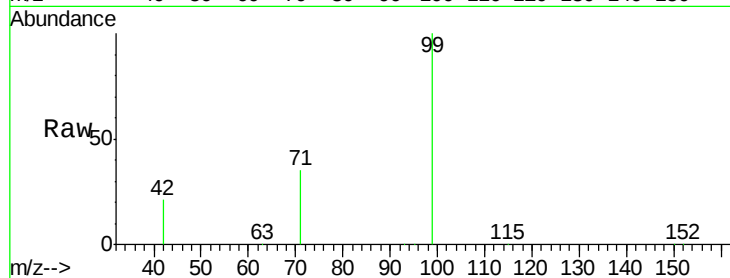
Tgt Ion: 99 Resp: 65558

Ion Ratio Lower Upper

99 100

42 26.8 20.6 30.8

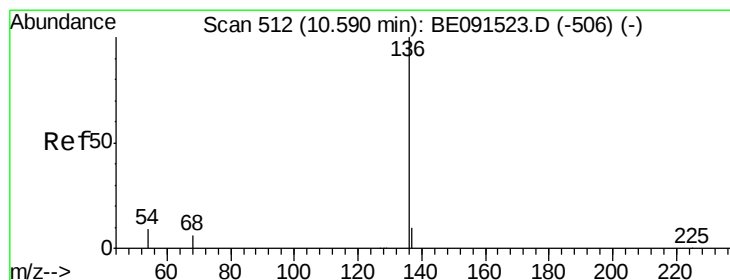
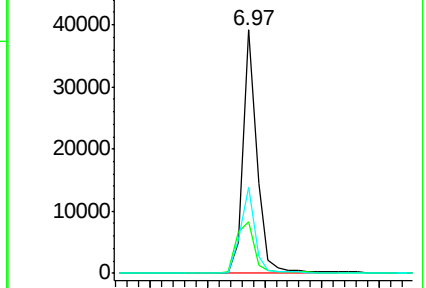
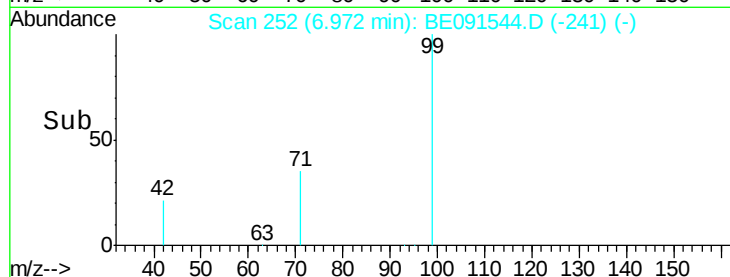
71 36.8 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE091523.D (-249) (-)

Ion 42.00 (41.70 to 42.70): BE091523.D (-249) (-)

Ion 71.00 (70.70 to 71.70): BE091523.D (-249) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

Tgt Ion: 136 Resp: 147737

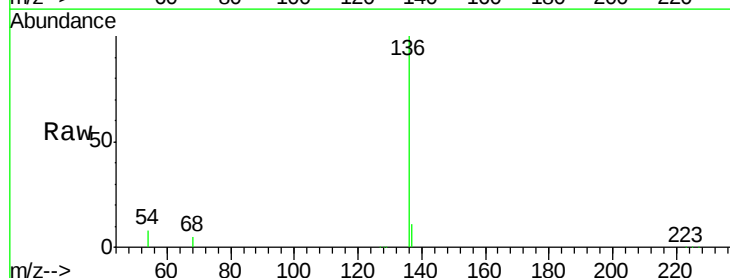
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.5 5.2 7.8

68 5.5 4.1 6.1

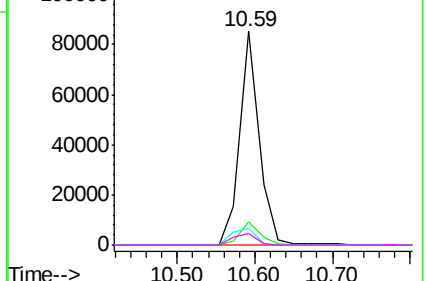
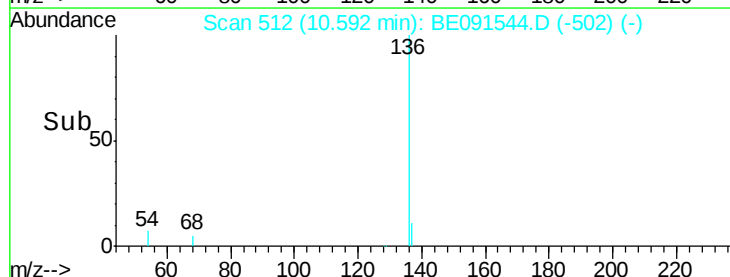


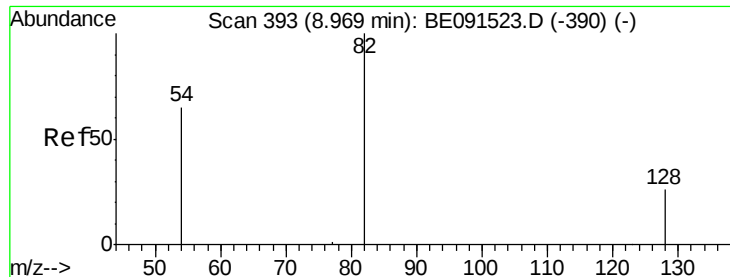
Abundance Ion 136.00 (135.70 to 136.70): BE091523.D (-506) (-)

Ion 137.00 (136.70 to 137.70): BE091523.D (-506) (-)

Ion 54.00 (53.70 to 54.70): BE091523.D (-506) (-)

Ion 68.00 (67.70 to 68.70): BE091523.D (-506) (-)





#7

Nitrobenzene-d5

Concen: 3.55 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.01 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

Instrument :

BNA_E

ClientSampleId :

PB89151BL

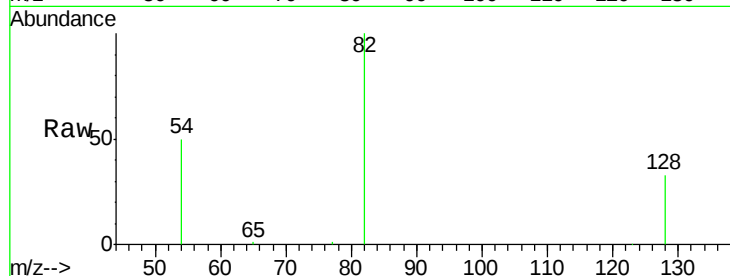
Tgt Ion: 82 Resp: 22780

Ion Ratio Lower Upper

82 100

128 33.4 23.5 35.3

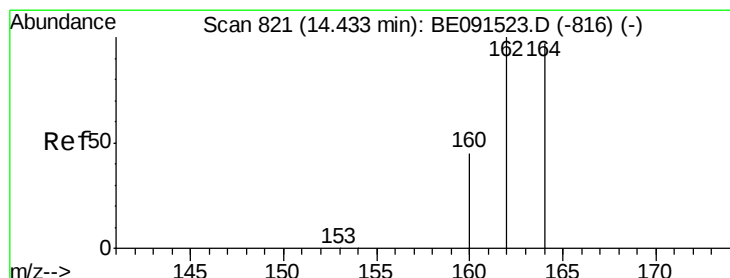
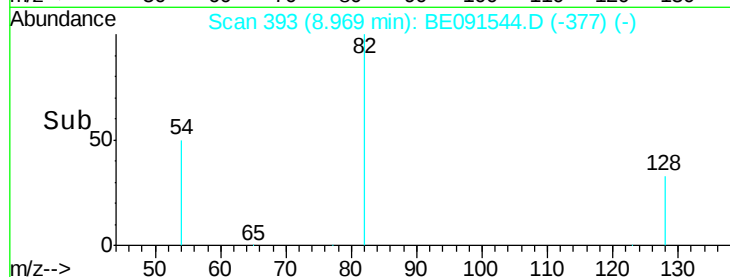
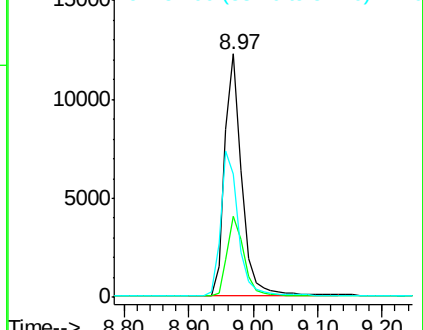
54 50.5 52.4 78.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.43 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

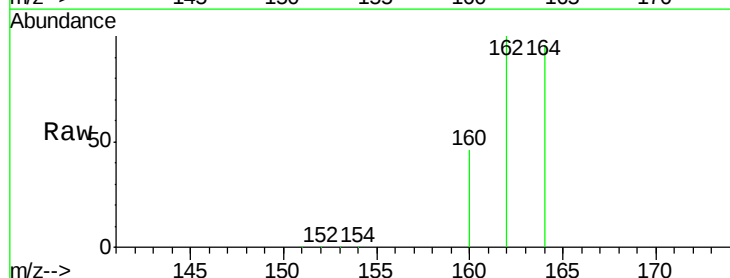
Tgt Ion: 164 Resp: 85625

Ion Ratio Lower Upper

164 100

162 104.6 84.4 126.6

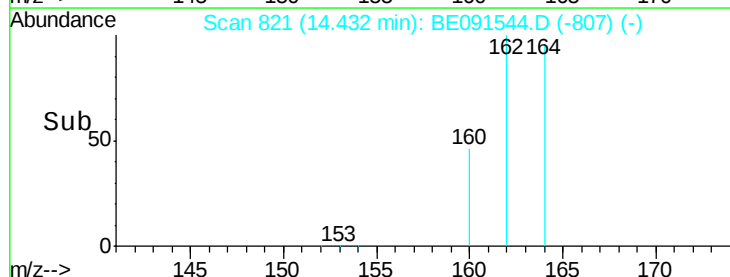
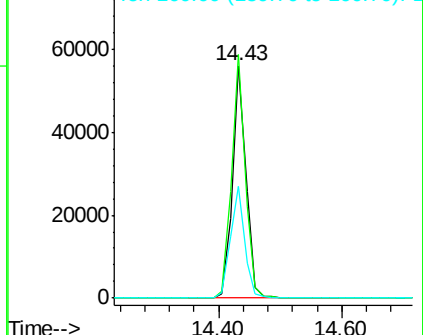
160 47.9 37.7 56.5

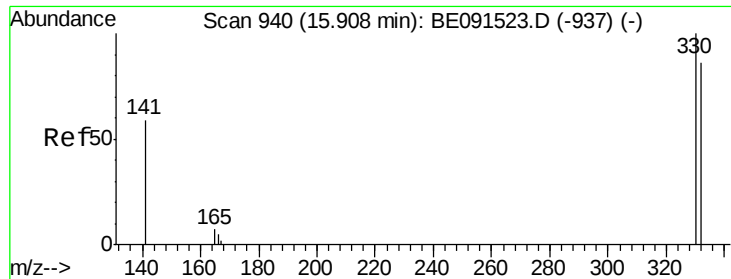


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

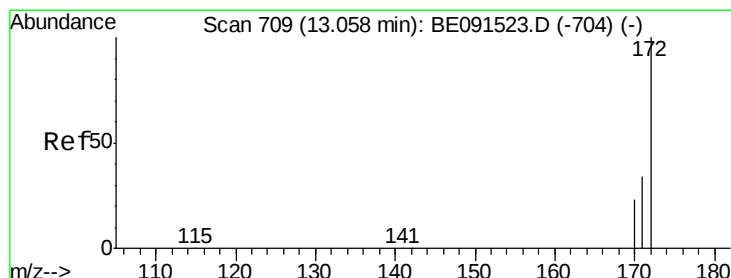
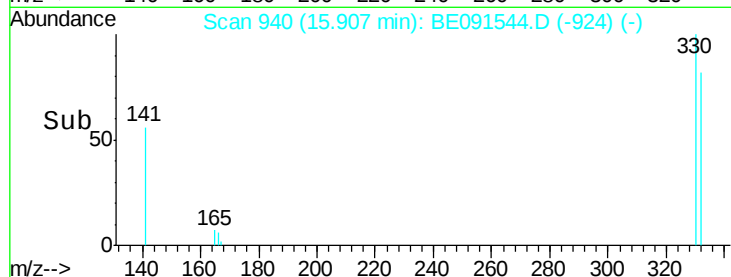
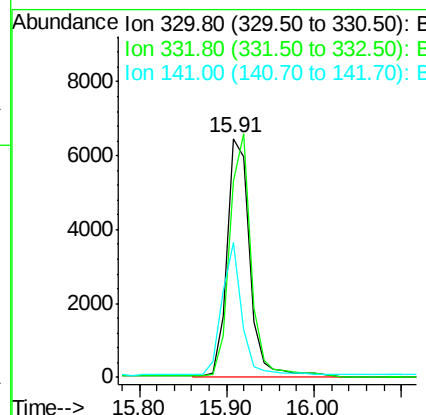
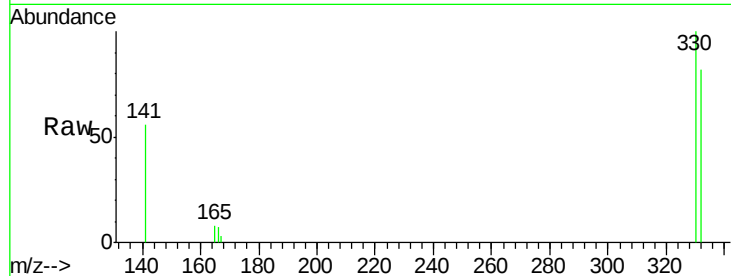




#11
 2,4,6-Tribromophenol
 Concen: 9.13 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091544.D
 Acq: 28 Mar 2016 19:08

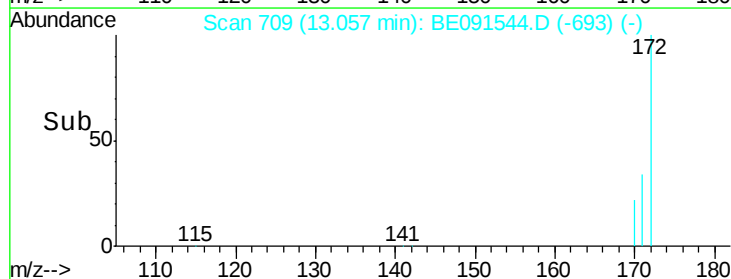
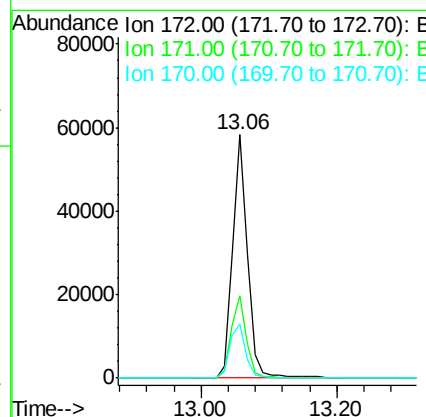
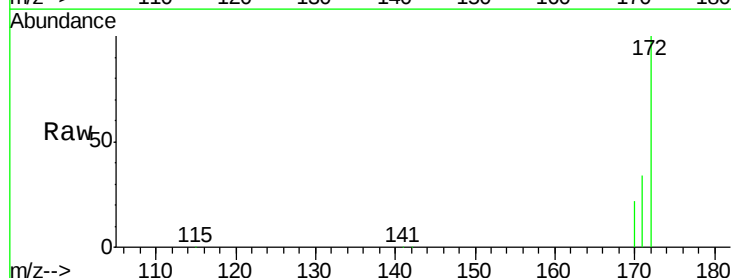
Instrument :
 BNA_E
 ClientSampleId :
 PB89151BL

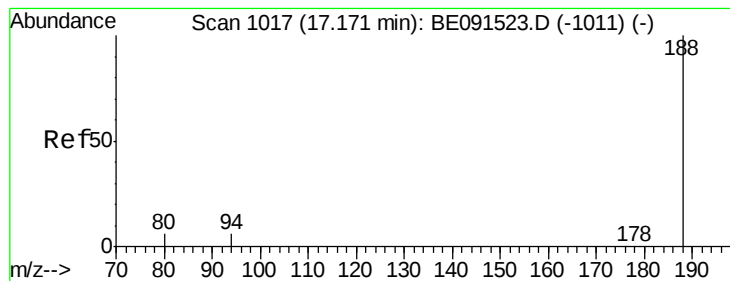
Tgt Ion:330 Resp: 13304
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.2 118.8
 141 47.2 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.75 ng
 RT: 13.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BE091544.D
 Acq: 28 Mar 2016 19:08

Tgt Ion:172 Resp: 90410
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.8 44.8
 170 22.3 21.4 32.2





#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

Instrument :

BNA_E

ClientSampleId :

PB89151BL

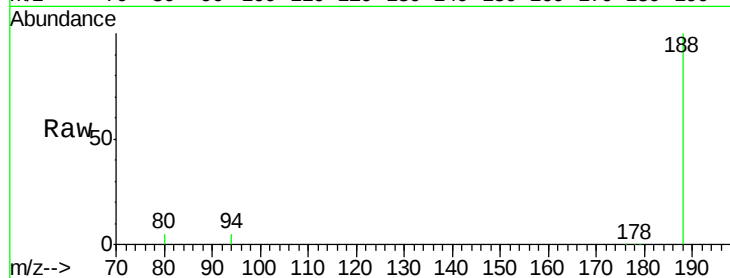
Tgt Ion:188 Resp: 225844

Ion Ratio Lower Upper

188 100

94 5.2 5.4 8.2#

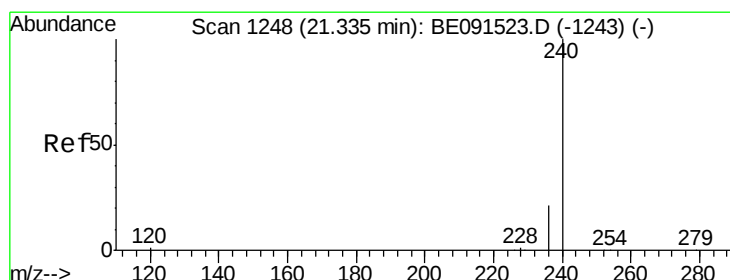
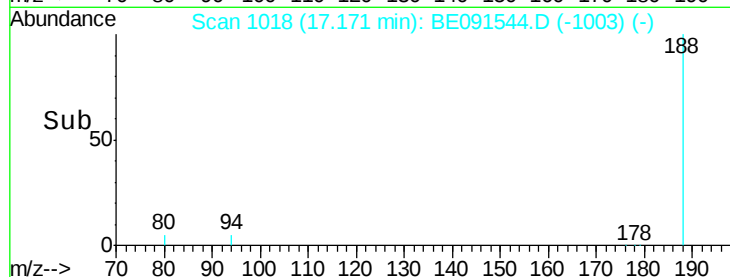
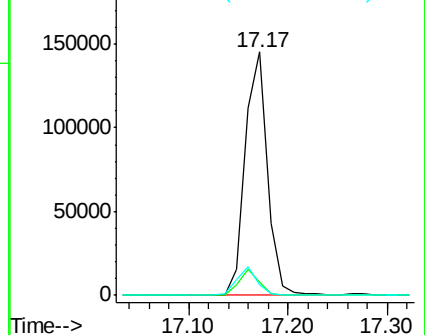
80 4.5 5.0 7.4#



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: 21.34 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

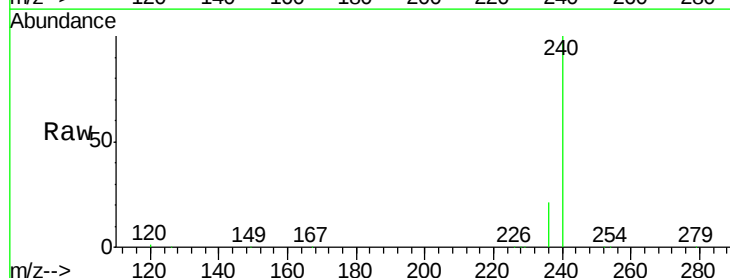
Tgt Ion:240 Resp: 232603

Ion Ratio Lower Upper

240 100

120 1.0 4.0 6.0#

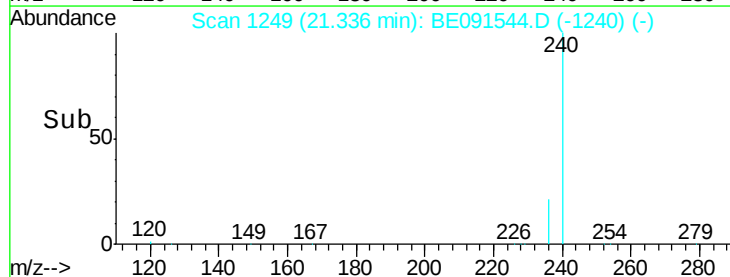
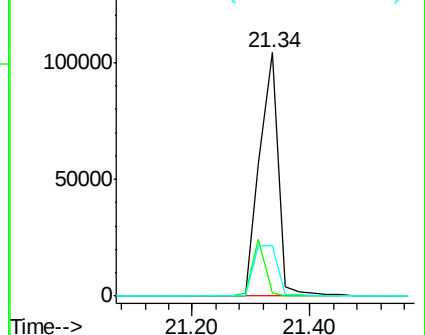
236 20.7 23.0 34.4#

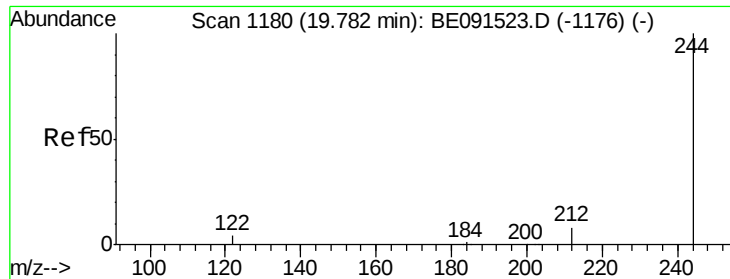


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#24

Terphenyl-d14

Concen: 3.86 ng

RT: 19.78 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

Instrument :

BNA_E

ClientSampleId :

PB89151BL

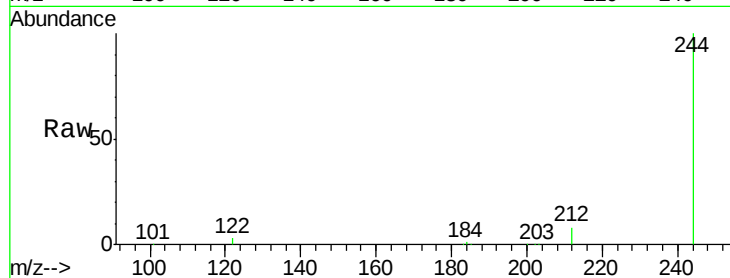
Tgt Ion:244 Resp: 147719

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

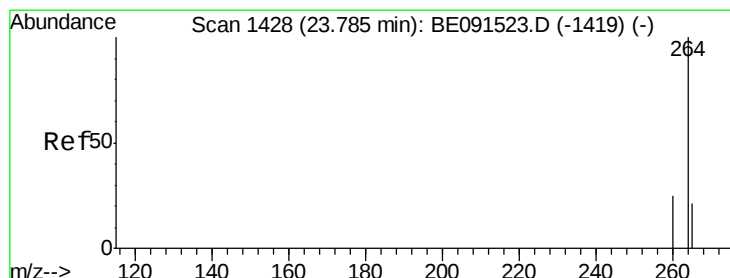
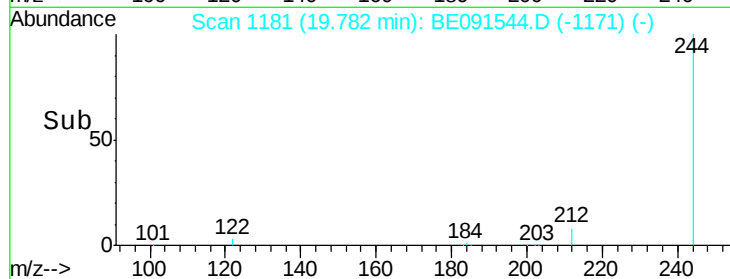
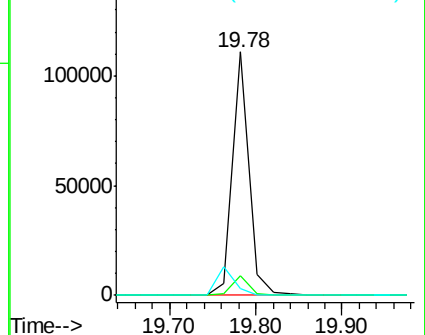
122 2.6 1.8 2.8



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: 23.78 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BE091544.D

Acq: 28 Mar 2016 19:08

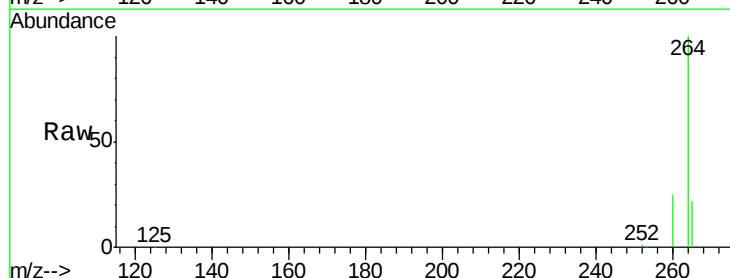
Tgt Ion:264 Resp: 253116

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 21.8 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

