

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
 Data File : BE091546.D
 Acq On : 28 Mar 2016 20:23
 Operator : UM/SJ
 Sample : PB88966BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89066BL

Quant Time: Mar 29 01:07:34 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

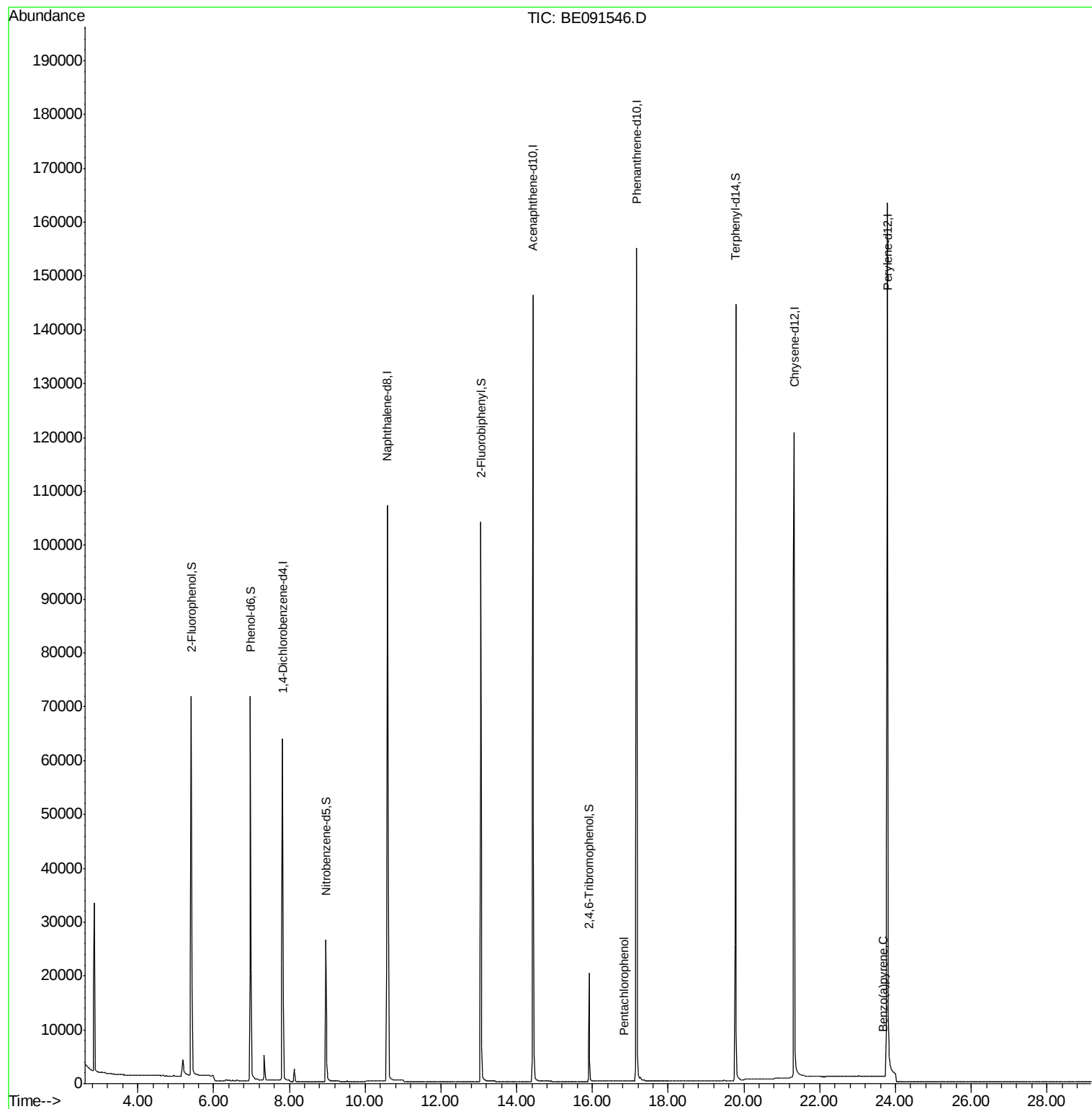
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	32273	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	149542	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	85275	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	223371	5.00	ng	0.00
22) Chrysene-d12	21.33	240	211743	5.00	ng	0.00
28) Perylene-d12	23.78	264	235573	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	54954	8.73	ng	-0.02
5) Phenol-d6	6.97	99	75337	8.77	ng	-0.02
7) Nitrobenzene-d5	8.97	82	26991	4.15	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	15666	10.80	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	100892	4.20	ng	-0.01
24) Terphenyl-d14	19.78	244	170078	4.89	ng	0.00
Target Compounds						
18) Pentachlorophenol	16.83	266	76	0.22	ng	# 70
31) Benzo(a)pyrene	23.67	252	65	0.21	ng	# 1

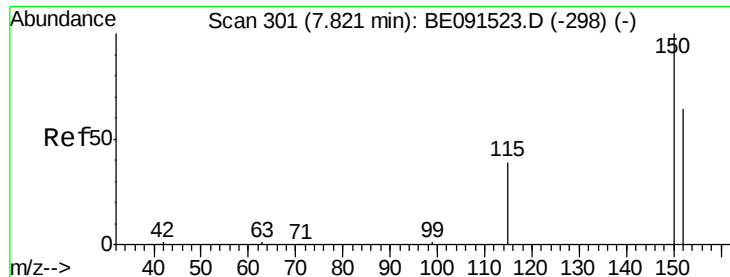
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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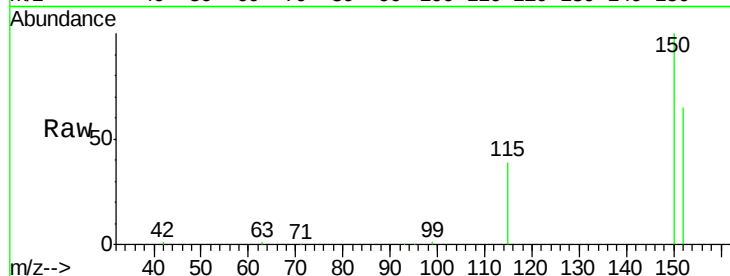




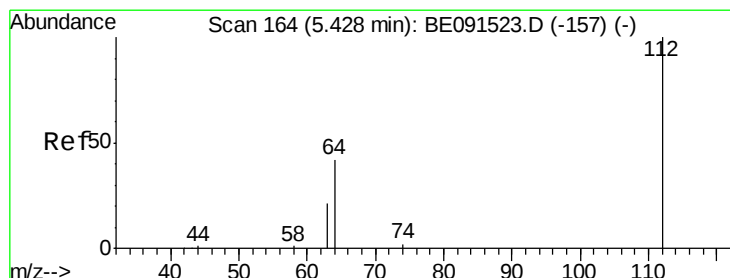
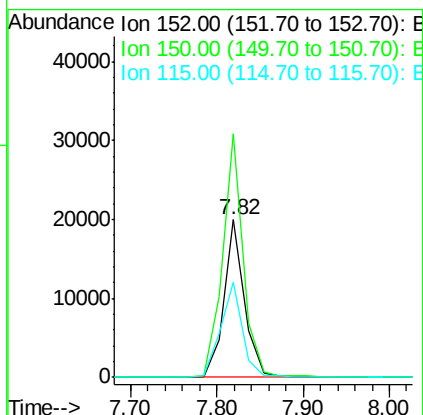
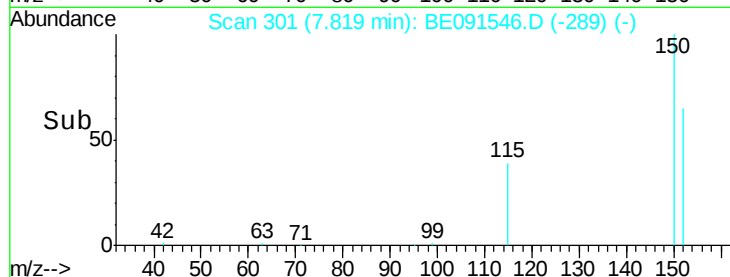
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.82 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BE091546.D
 Acq: 28 Mar 2016 20:23

Instrument :
 BNA_E
 ClientSampleId :
 PB89066BL

Tgt Ion:152 Resp: 32273
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.2 183.2
 115 60.6 45.9 68.9

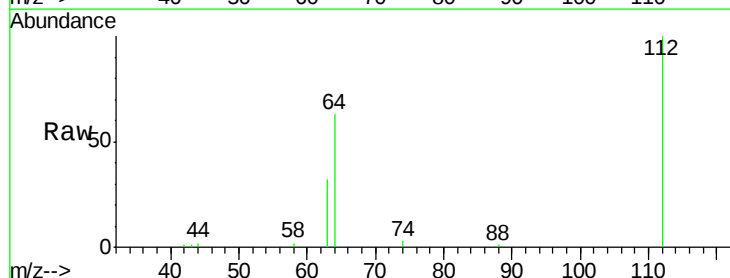


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

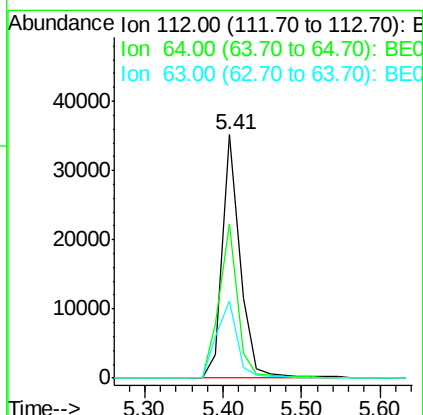
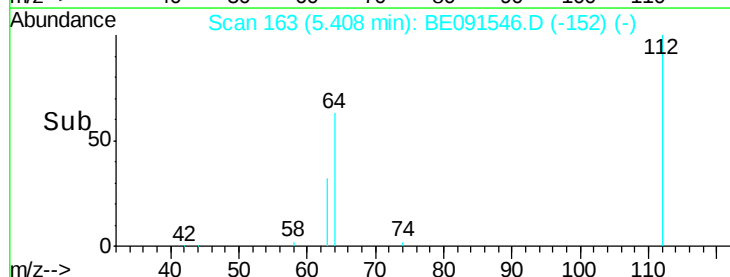


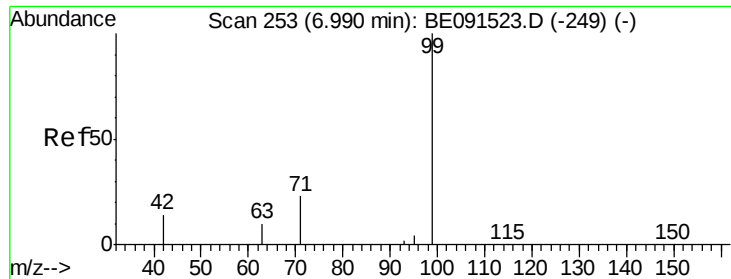
#4
 2-Fluorophenol
 Concen: 8.73 ng
 RT: 5.41 min Scan# 163
 Delta R.T. -0.02 min
 Lab File: BE091546.D
 Acq: 28 Mar 2016 20:23

Tgt Ion:112 Resp: 54954
 Ion Ratio Lower Upper
 112 100
 64 66.4 53.3 79.9
 63 36.8 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: 8.77 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091546.D

Acq: 28 Mar 2016 20:23

Instrument :

BNA_E

ClientSampleId :

PB89066BL

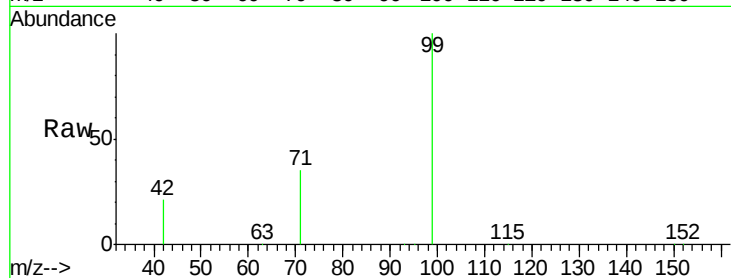
Tgt Ion: 99 Resp: 75337

Ion Ratio Lower Upper

99 100

42 26.7 20.6 30.8

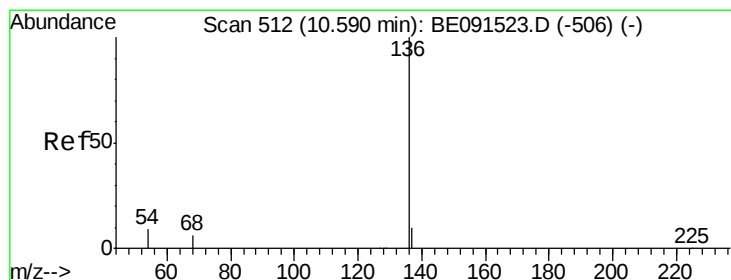
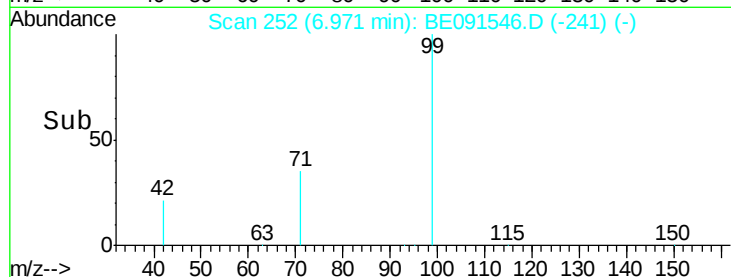
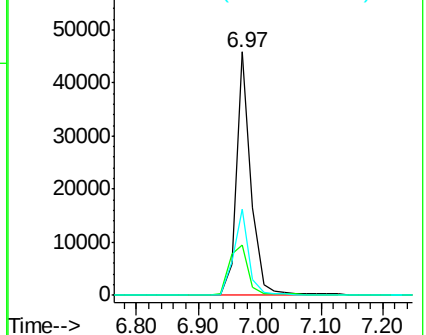
71 36.7 29.0 43.4



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: BE091546.D

Acq: 28 Mar 2016 20:23

Tgt Ion: 136 Resp: 149542

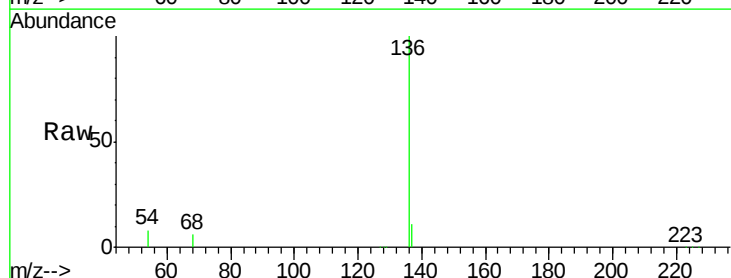
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.1 5.2 7.8#

68 5.7 4.1 6.1

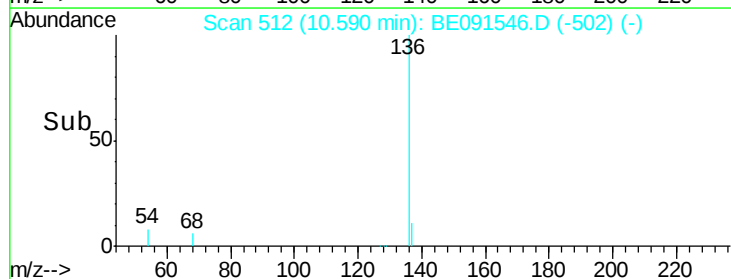
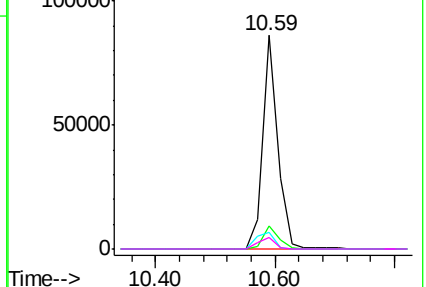


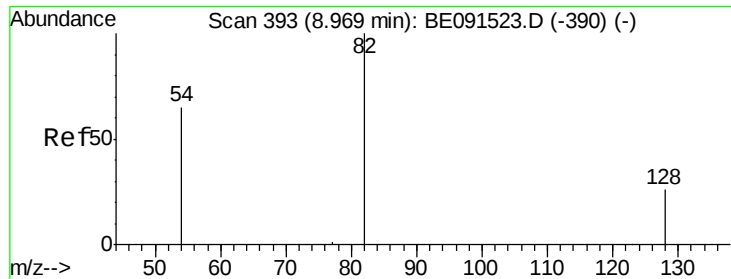
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.15 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.01 min

Lab File: BE091546.D

Acq: 28 Mar 2016 20:23

Instrument :

BNA_E

ClientSampleId :

PB89066BL

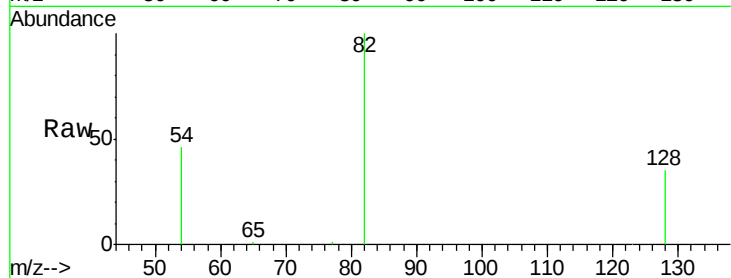
Tgt Ion: 82 Resp: 26991

Ion Ratio Lower Upper

82 100

128 34.8 23.5 35.3

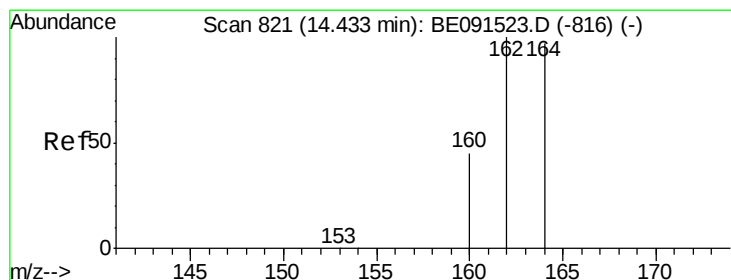
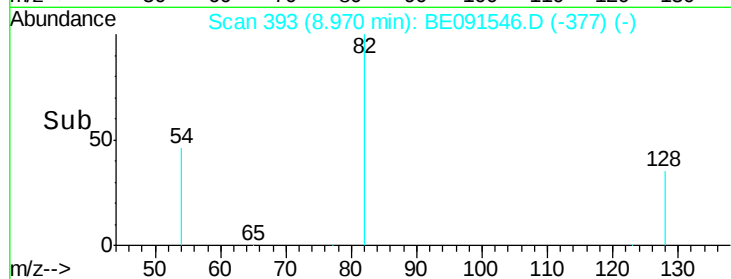
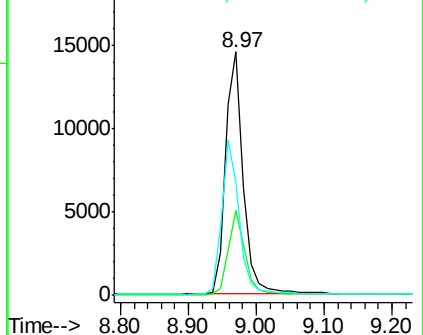
54 46.2 52.4 78.6#



Abundance Ion 82.00 (81.70 to 82.70): BE091523.D (-390) (-)

Ion 128.00 (127.70 to 128.70): BE091523.D (-390) (-)

Ion 54.00 (53.70 to 54.70): BE091523.D (-390) (-)



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.43 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE091546.D

Acq: 28 Mar 2016 20:23

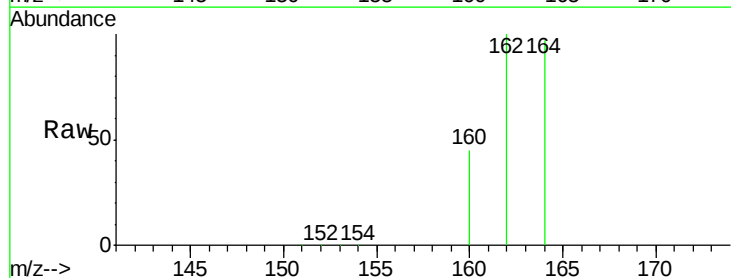
Tgt Ion: 164 Resp: 85275

Ion Ratio Lower Upper

164 100

162 102.6 84.4 126.6

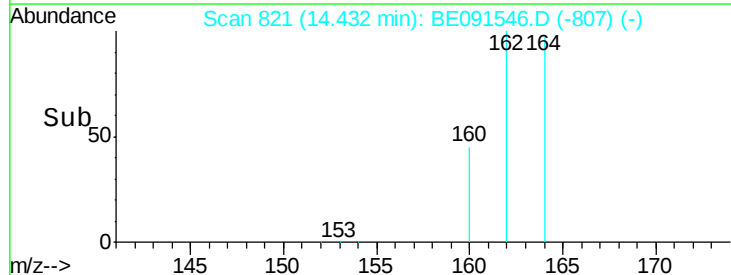
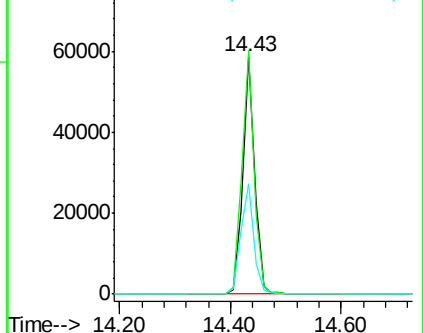
160 46.5 37.7 56.5

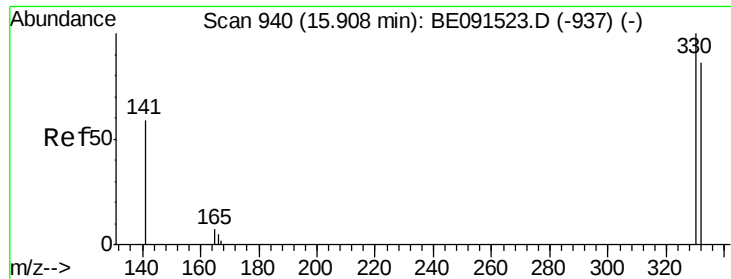


Abundance Ion 164.00 (163.70 to 164.70): BE091523.D (-816) (-)

Ion 162.00 (161.70 to 162.70): BE091523.D (-816) (-)

Ion 160.00 (159.70 to 160.70): BE091523.D (-816) (-)

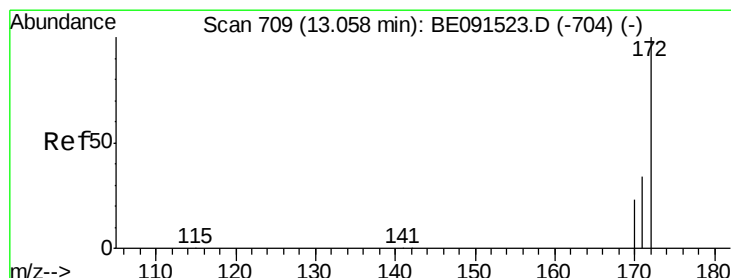
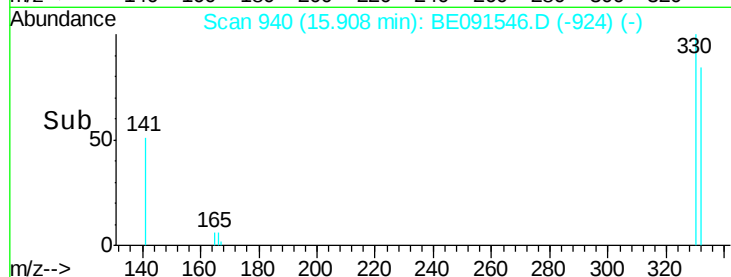
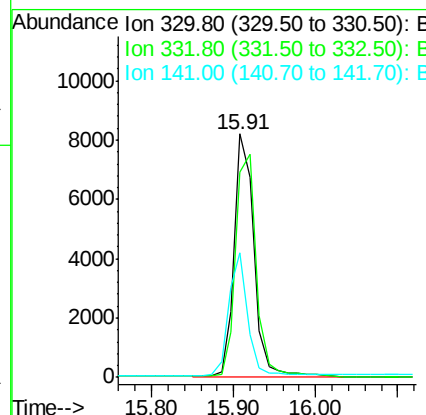
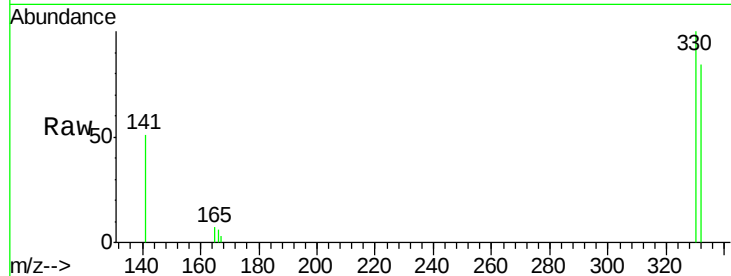




#11
 2,4,6-Tribromophenol
 Concen: 10.80 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091546.D
 Acq: 28 Mar 2016 20:23

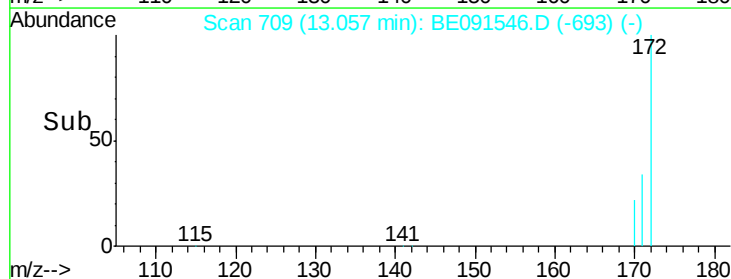
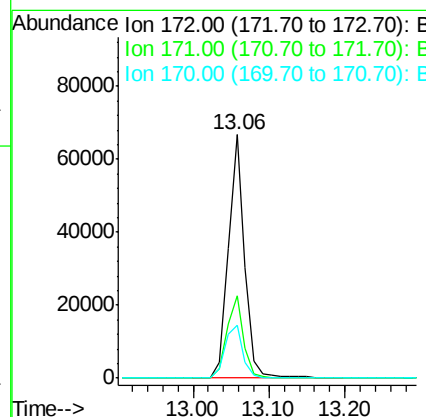
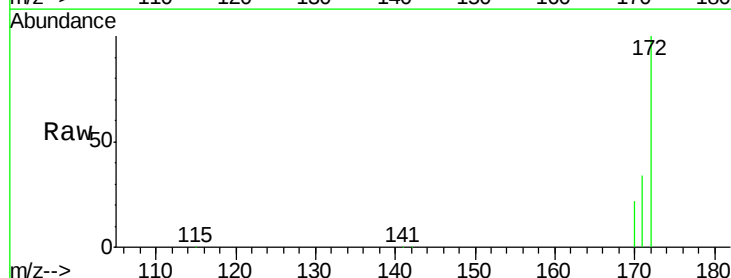
Instrument :
 BNA_E
 ClientSampleId :
 PB89066BL

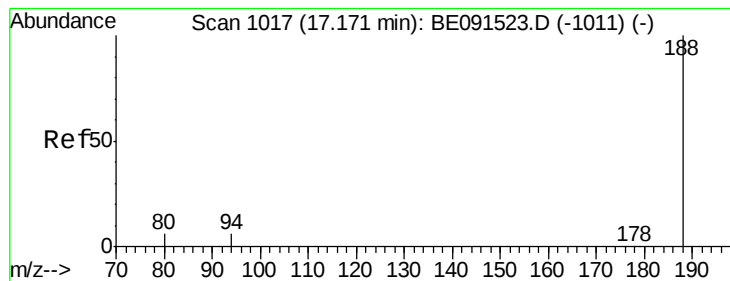
Tgt Ion:330 Resp: 15666
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.2 118.8
 141 47.8 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 4.20 ng
 RT: 13.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BE091546.D
 Acq: 28 Mar 2016 20:23

Tgt Ion:172 Resp: 100892
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.8 44.8
 170 21.6 21.4 32.2

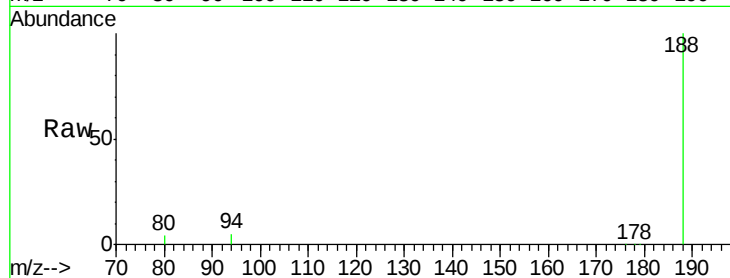




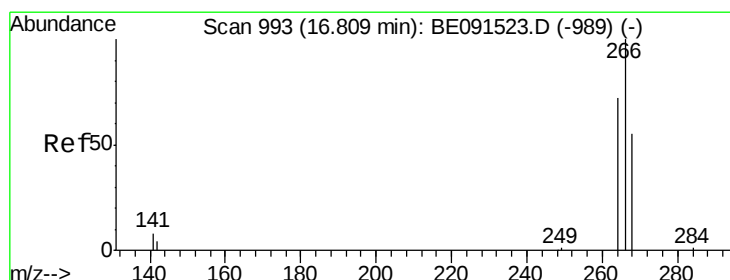
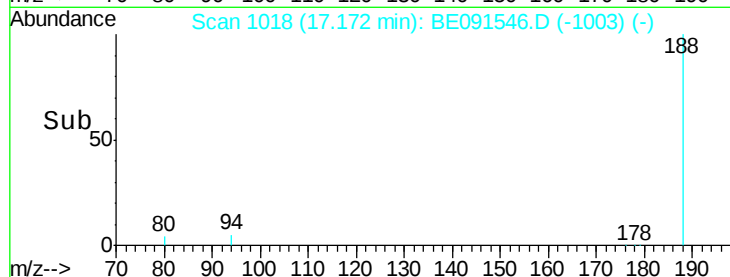
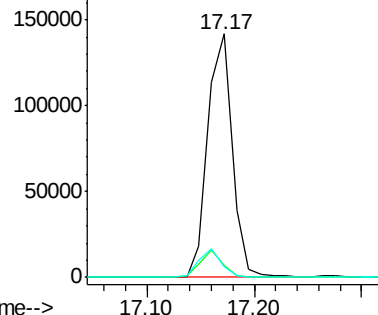
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion:188 Resp: 223371
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.2#
80 4.2 5.0 7.4#

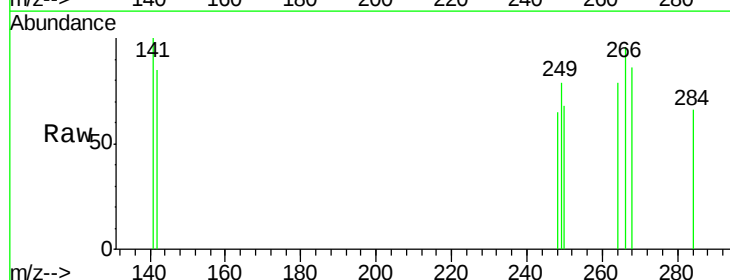


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

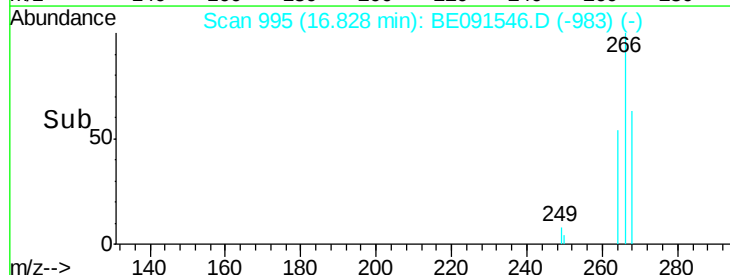
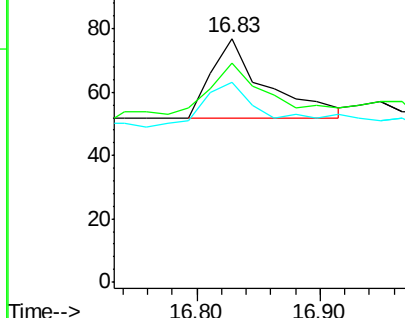


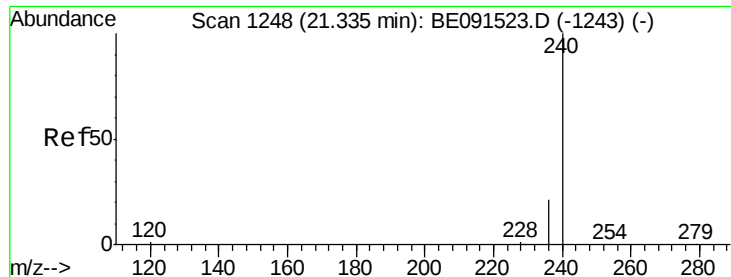
#18
Pentachlorophenol
Concen: 0.22 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:266 Resp: 76
Ion Ratio Lower Upper
266 100
268 89.6 48.2 72.2#
264 81.8 52.1 78.1#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

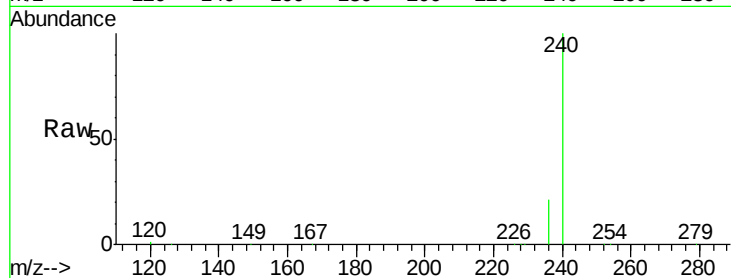




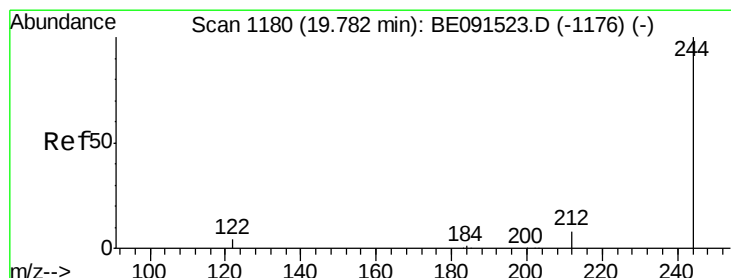
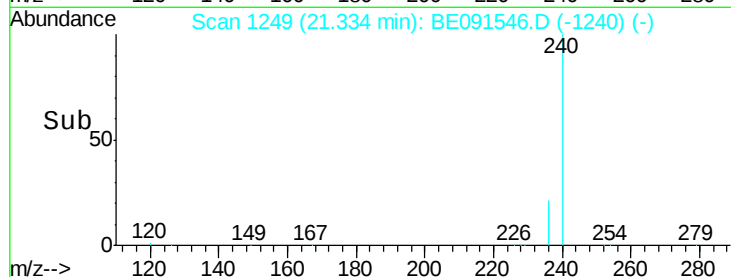
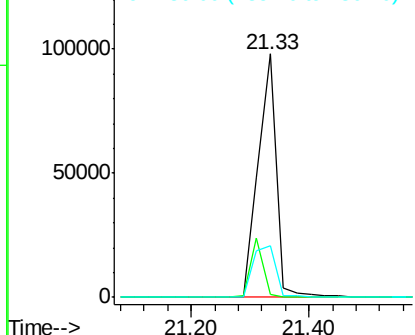
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Instrument :
BNA_E
ClientSampleId :
PB89066BL

Tgt Ion:240 Resp: 211743
Ion Ratio Lower Upper
240 100
120 1.0 4.0 6.0#
236 21.2 23.0 34.4#

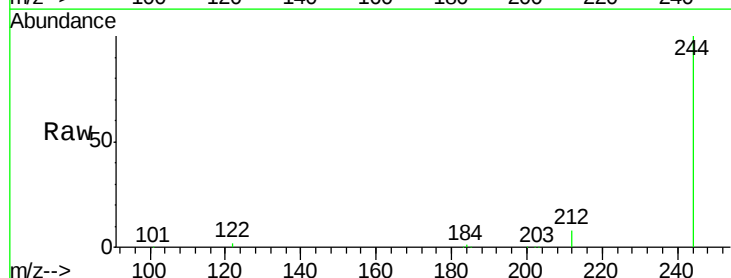


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

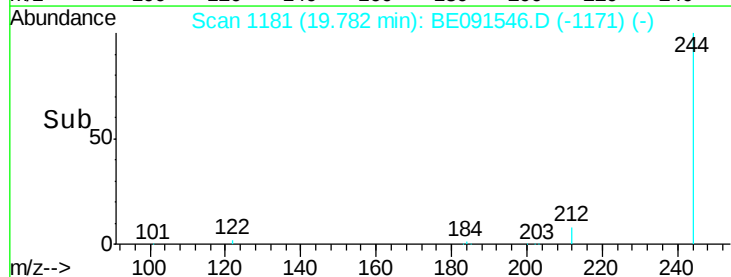
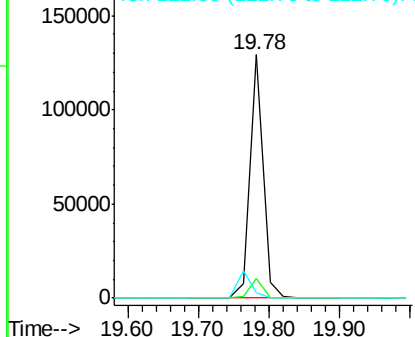


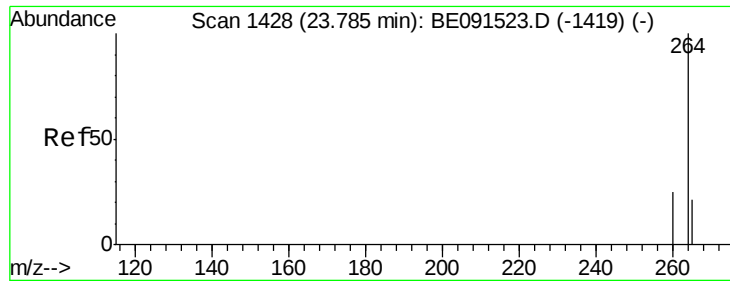
#24
Terphenyl-d14
Concen: 4.89 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE091546.D
Acq: 28 Mar 2016 20:23

Tgt Ion:244 Resp: 170078
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 2.2 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

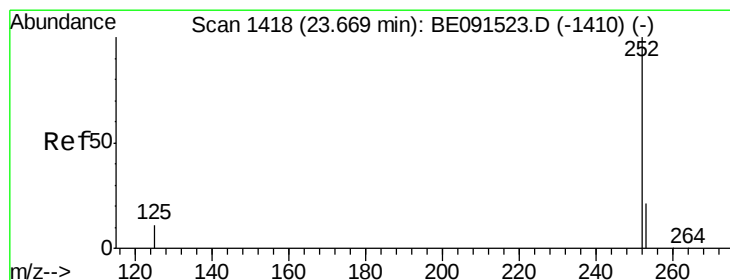
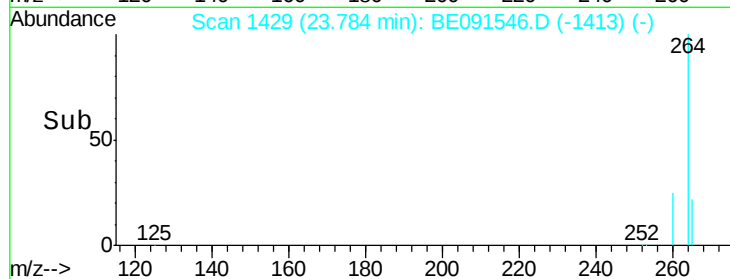
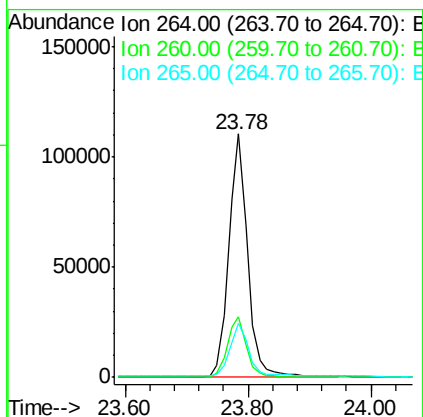
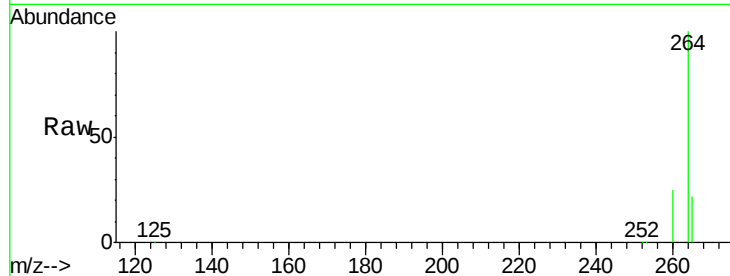




#28
Perylene-d12
 Concen: 5.00 ng
 RT: 23.78 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BE091546.D
 Acq: 28 Mar 2016 20:23

Instrument :
 BNA_E
 ClientSampleId :
 PB89066BL

Tgt Ion: 264 Resp: 235573
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.5 18.3 27.5



#31
Benzo(a)pyrene
 Concen: 0.21 ng
 RT: 23.67 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BE091546.D
 Acq: 28 Mar 2016 20:23

Tgt Ion: 252 Resp: 65
 Ion Ratio Lower Upper
 252 100
 253 104.8 19.4 29.0#
 125 134.3 11.4 17.2#

