

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
 Data File : BE092770.D
 Acq On : 28 Feb 2017 19:33
 Operator : SJ/MA
 Sample : I2006-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS073051

Quant Time: Mar 01 00:34:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

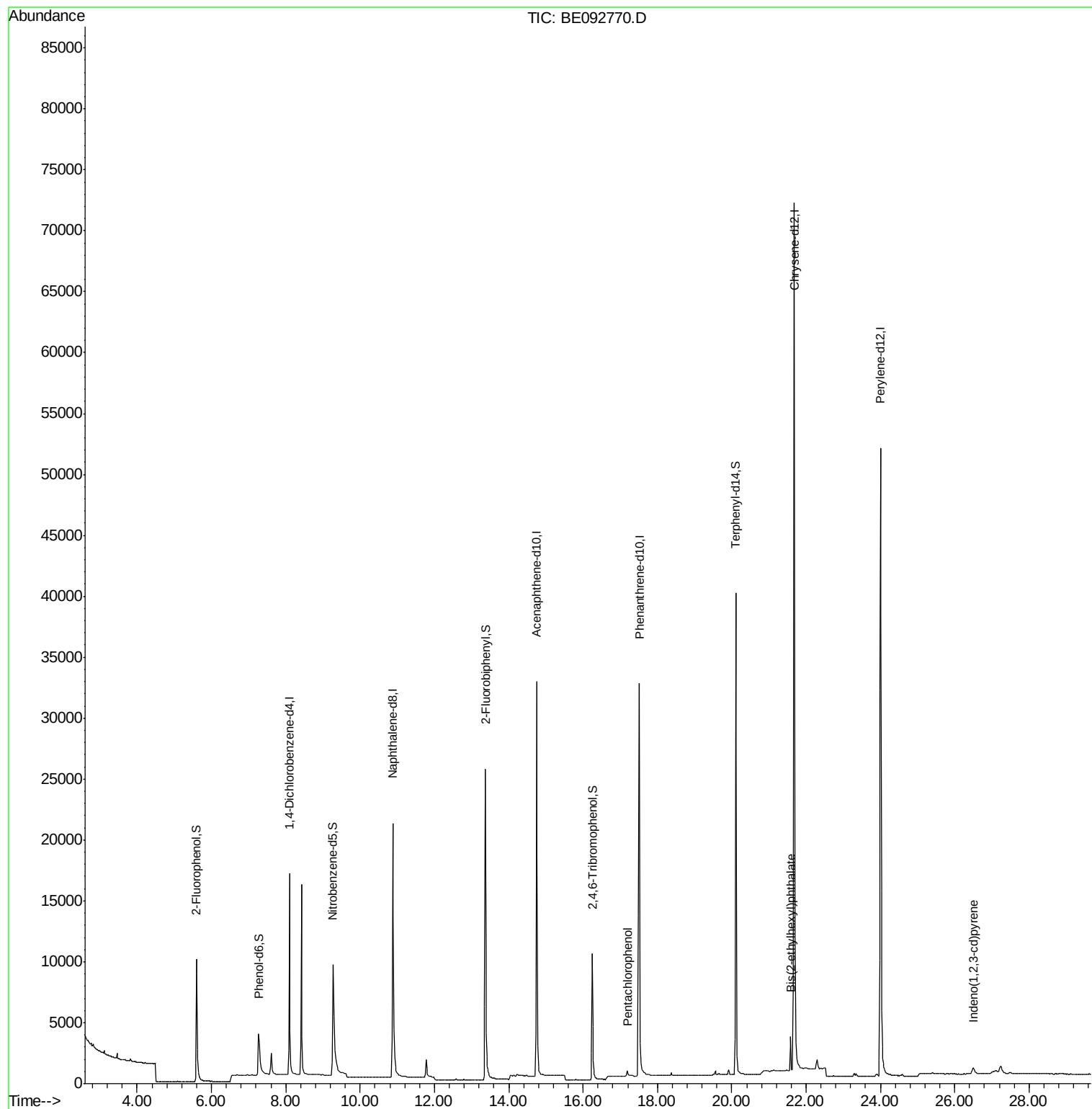
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9815	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	40888	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	23574	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	57323	5.00	ng	0.00
24) Chrysene-d12	21.68	240	87986	5.00	ng	-0.02
31) Perylene-d12	24.01	264	76749	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	10197	5.34	ng	-0.03
5) Phenol-d6	7.29	99	7132	3.04	ng	-0.02
8) Nitrobenzene-d5	9.27	82	14230	5.15	ng	-0.05
13) 2,4,6-Tribromophenol	16.25	330	8624	17.24	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	34341	5.97	ng	-0.02
26) Terphenyl-d14	20.11	244	60597	5.40	ng	-0.03
Target Compounds						
20) Pentachlorophenol	17.19	266	539	1.06	ng	Qvalue 95
29) Bis(2-ethylhexyl)phthalate	21.59	149	4983	0.48	ng	# 74
30) Indeno(1,2,3-cd)pyrene	26.50	276	1595	0.05	ng	98

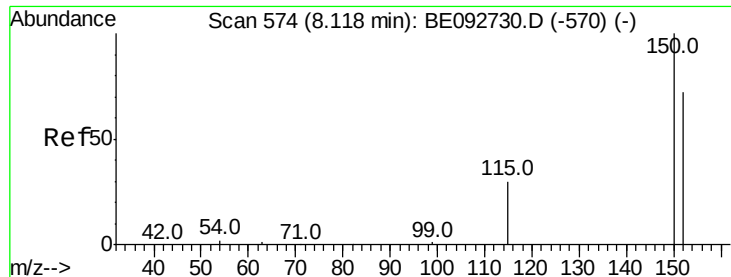
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092770.D

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BNA_E

ClientSampleId :

CPS073051

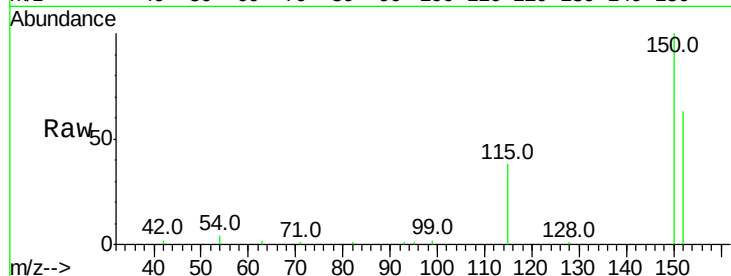
Tot Ion:152 Resp: 9815

Ion Ratio Lower Upper

152 100

150 159.6 106.0 159.0#

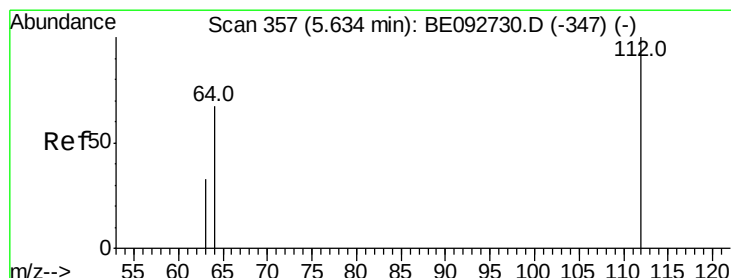
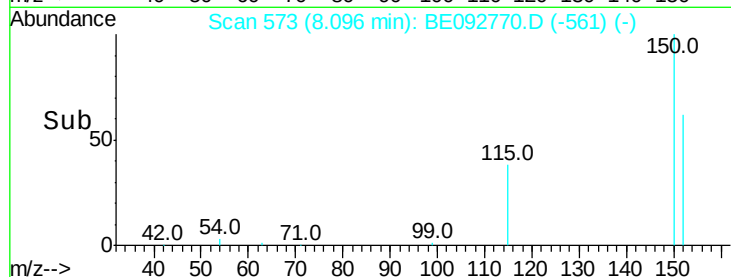
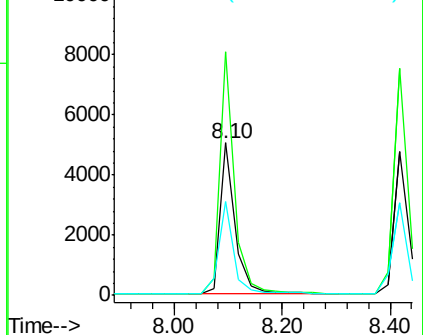
115 61.4 31.2 46.8#



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: 5.34 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

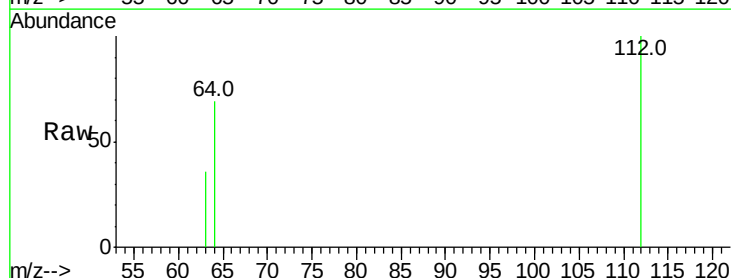
Tgt Ion:112 Resp: 10197

Ion Ratio Lower Upper

112 100

64 67.8 53.5 80.3

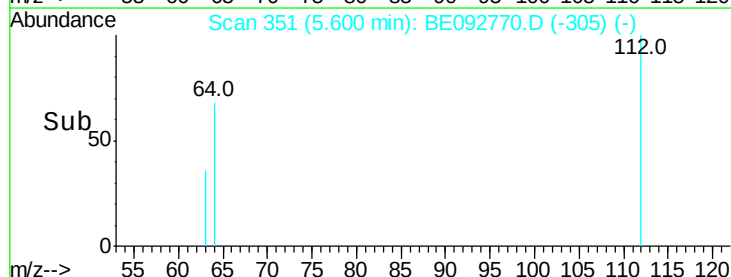
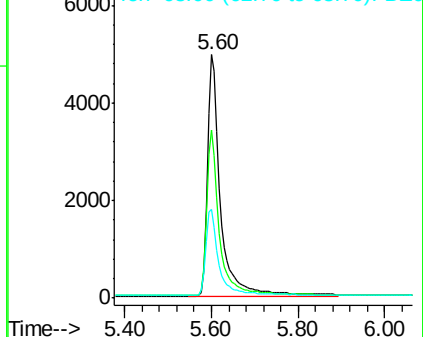
63 36.5 27.9 41.9

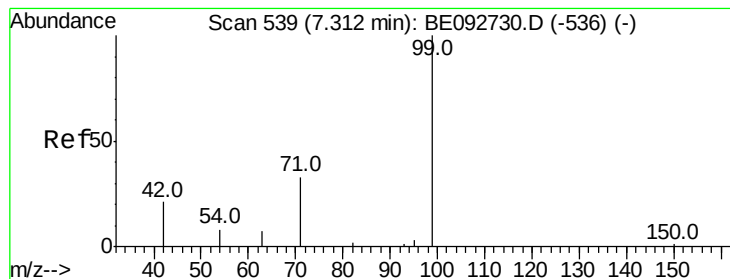


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.04 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

Instrument :

BNA_E

ClientSampleId :

CPS073051

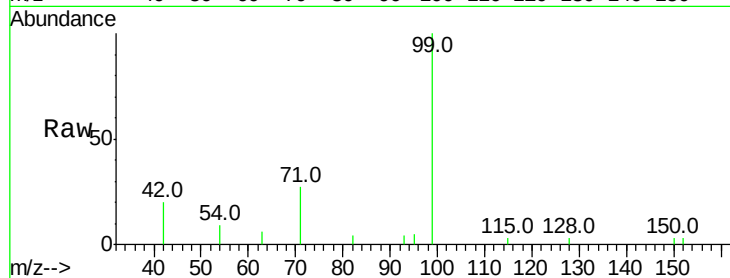
Tot Ion: 99 Resp: 7132

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

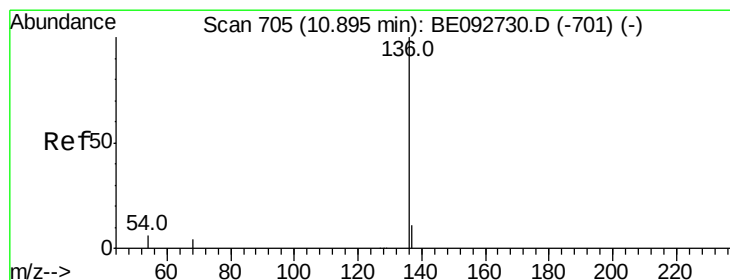
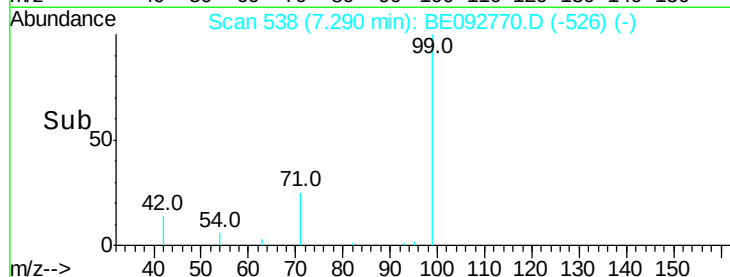
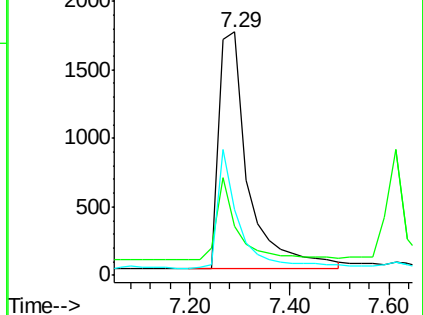
71 0.0 30.6 45.8#



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

Tgt Ion: 136 Resp: 40888

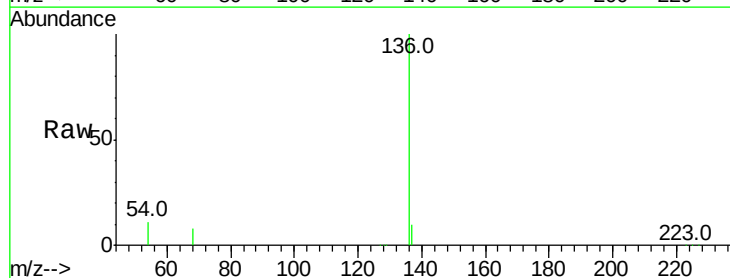
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 11.0 9.6 14.4

68 7.7 6.7 10.1

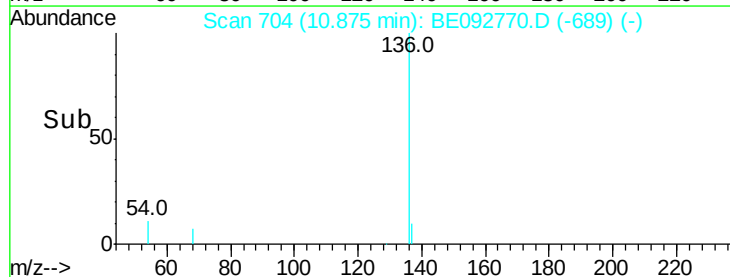
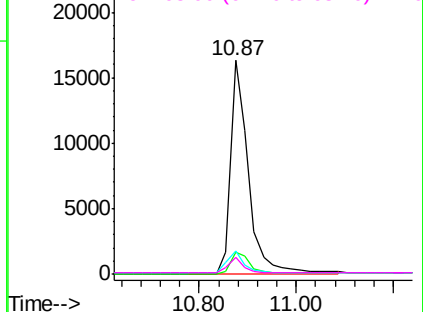


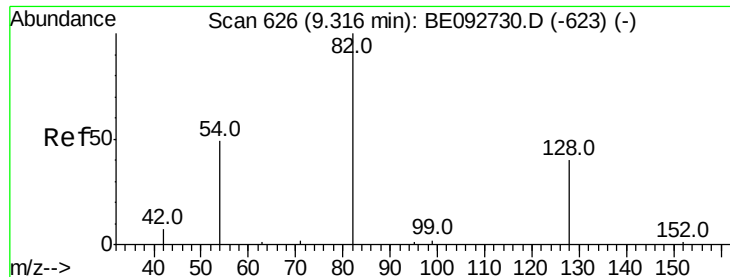
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 5.15 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

Instrument :

BNA_E

ClientSampleId :

CPS073051

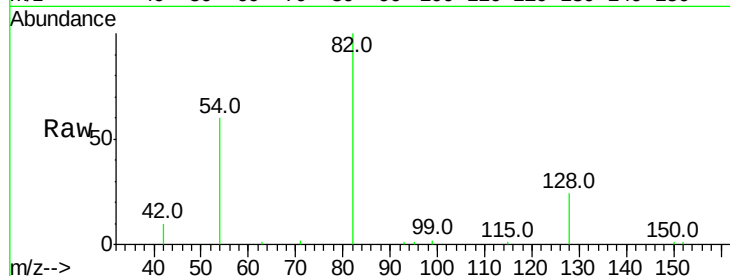
Tot Ion: 82 Resp: 14230

Ion Ratio Lower Upper

82 100

128 23.5 39.0 58.4#

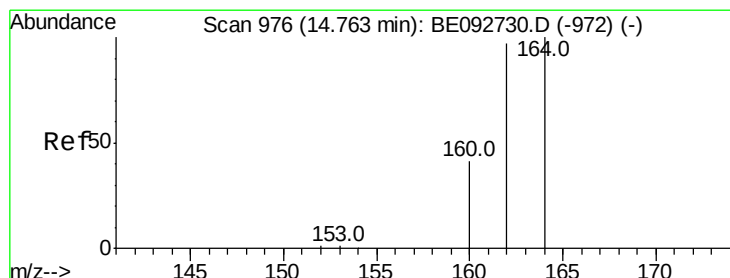
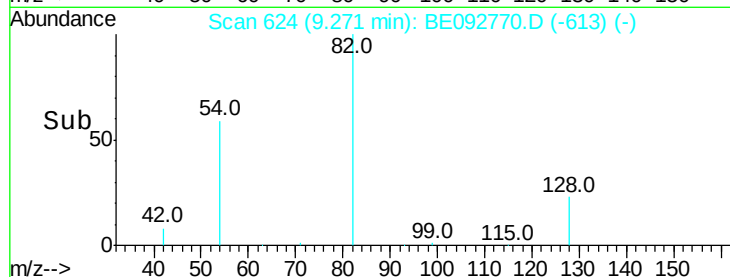
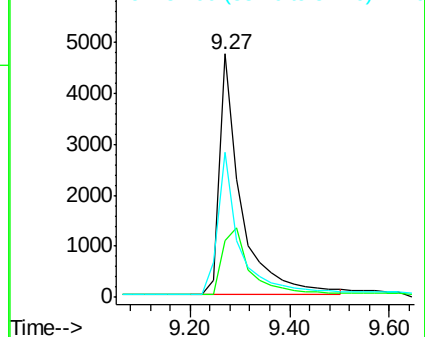
54 59.8 44.8 67.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

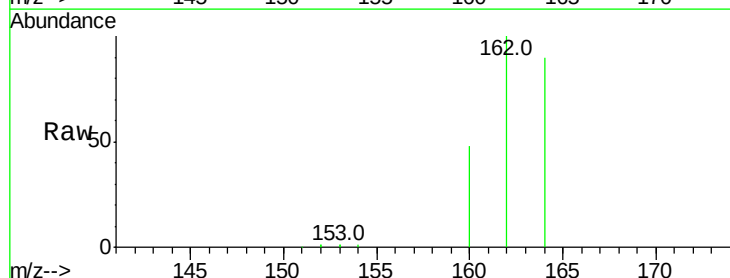
Tgt Ion:164 Resp: 23574

Ion Ratio Lower Upper

164 100

162 111.7 71.4 107.0#

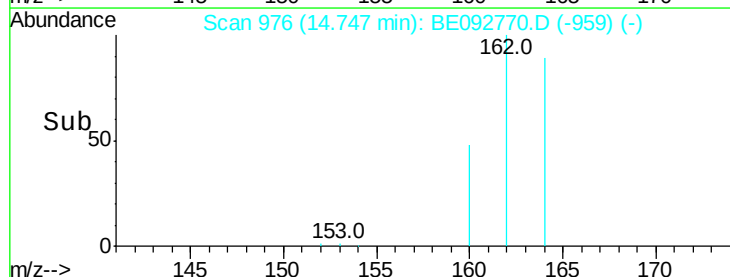
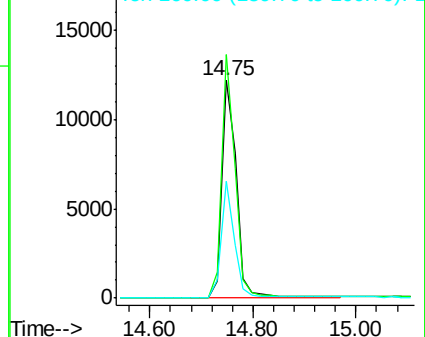
160 53.8 27.4 41.2#

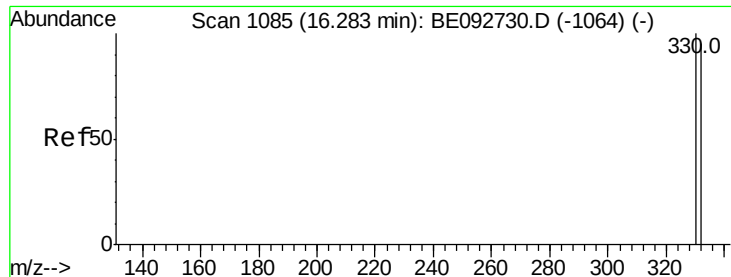


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

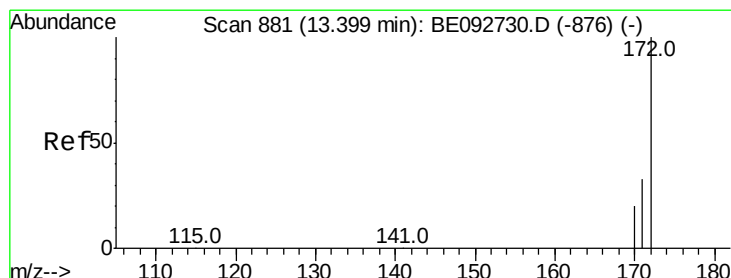
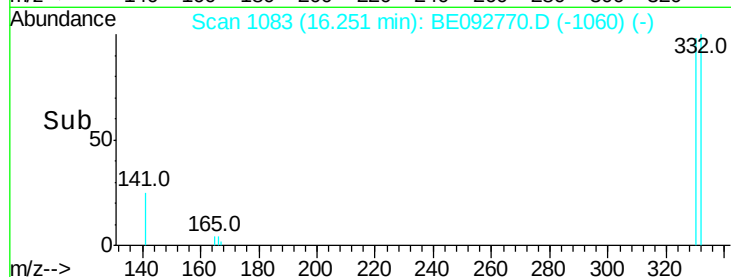
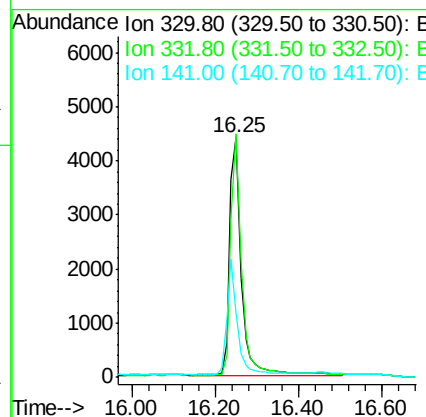
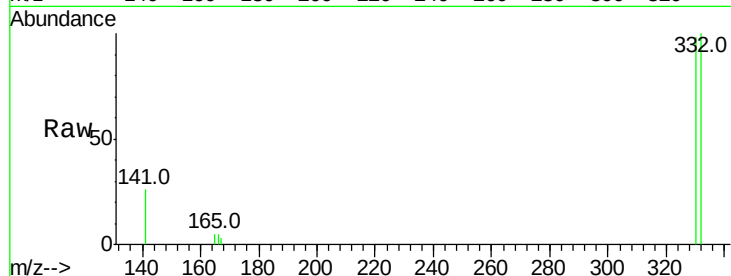




#13
 2,4,6-Tribromophenol
 Concen: 17.24 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092770.D
 Acq: 28 Feb 2017 19:33

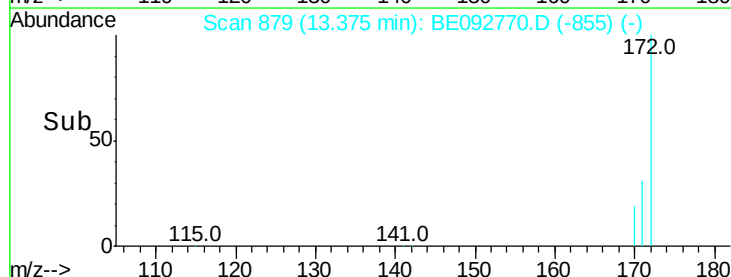
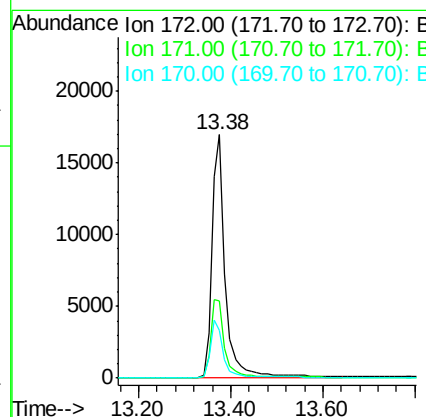
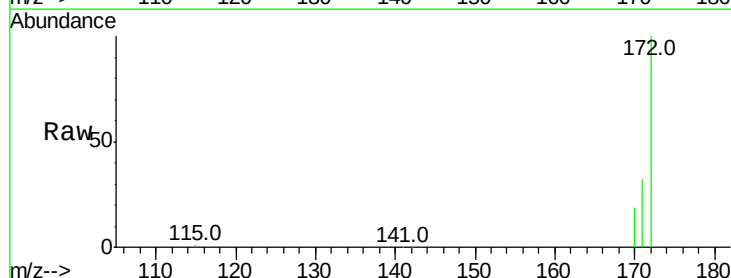
Instrument :
 BNA_E
 ClientSampleId :
 CPS073051

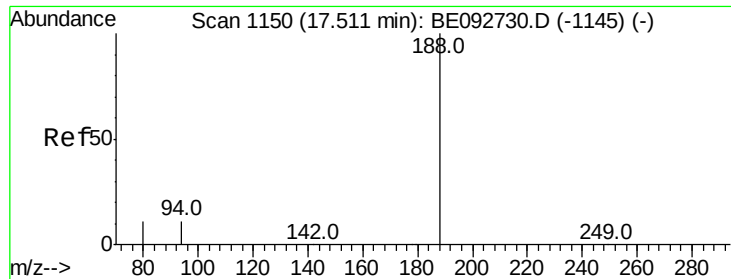
Tot Ion:330 Resp: 8624
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 43.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.97 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092770.D
 Acq: 28 Feb 2017 19:33

Tgt Ion:172 Resp: 34341
 Ion Ratio Lower Upper
 172 100
 171 31.5 30.1 45.1
 170 19.5 21.8 32.6#

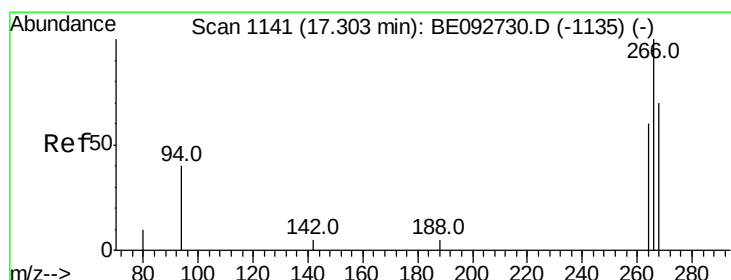
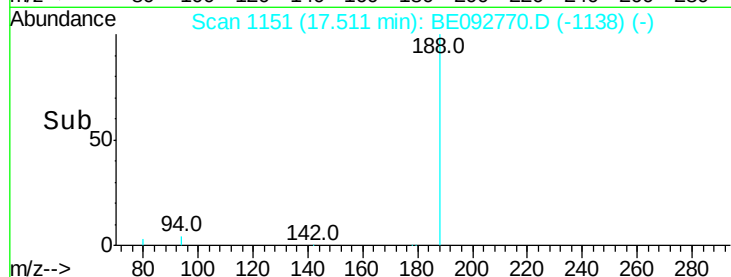
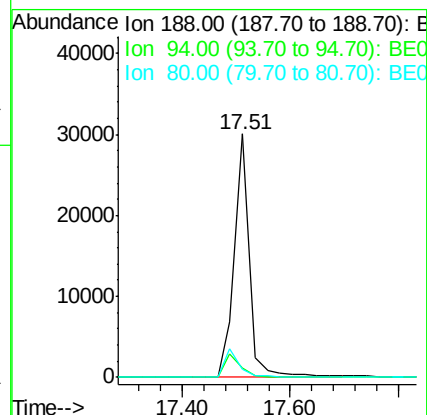
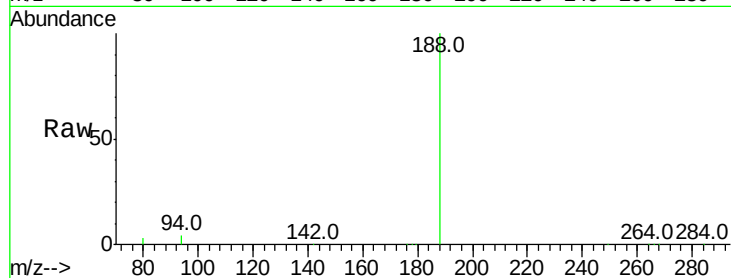




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092770.D
Acq: 28 Feb 2017 19:33

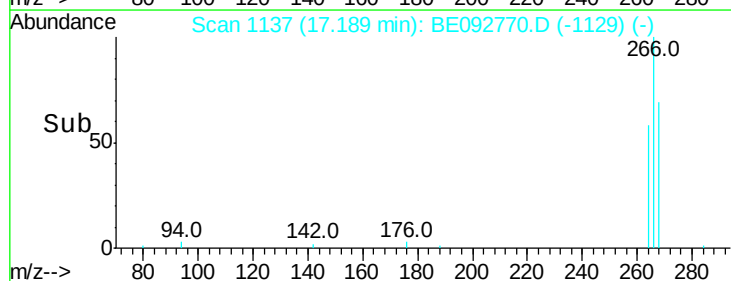
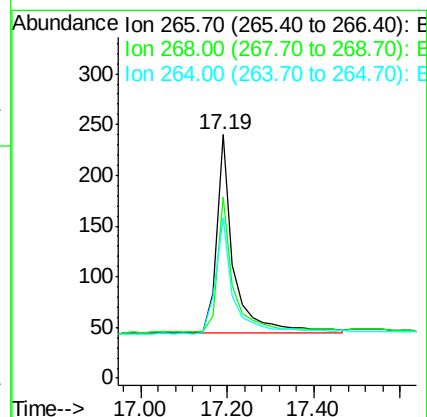
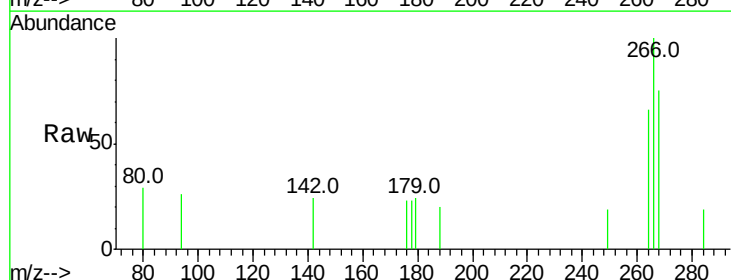
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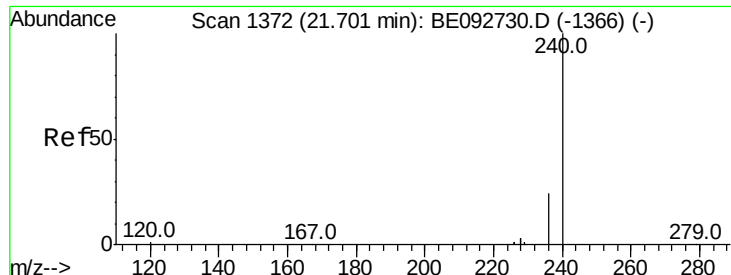
Tot Ion:188 Resp: 57323
Ion Ratio Lower Upper
188 100
94 3.9 3.2 4.8
80 3.4 2.6 3.8



#20
Pentachlorophenol
Concen: 1.06 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.11 min
Lab File: BE092770.D
Acq: 28 Feb 2017 19:33

Tgt Ion:266 Resp: 539
Ion Ratio Lower Upper
266 100
268 74.6 62.5 93.7
264 65.8 57.2 85.8

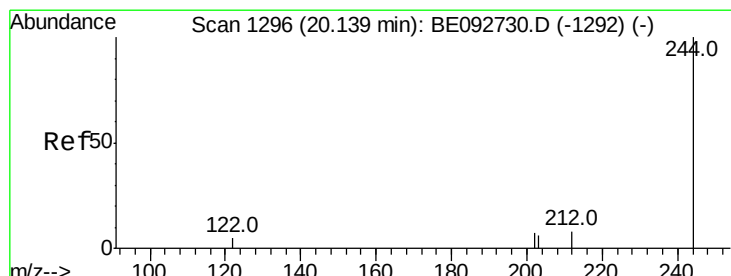
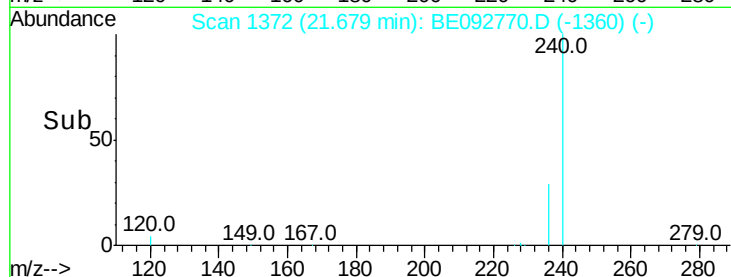
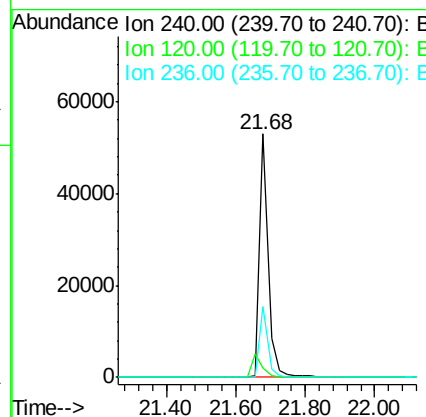
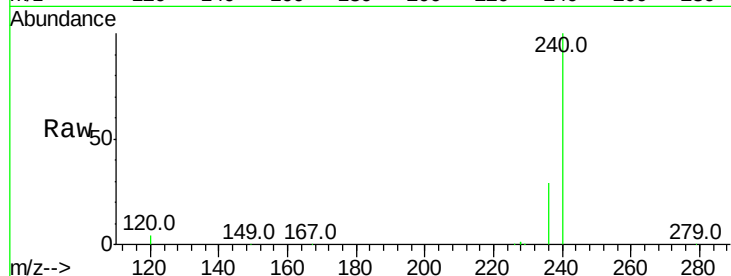




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092770.D
Acq: 28 Feb 2017 19:33

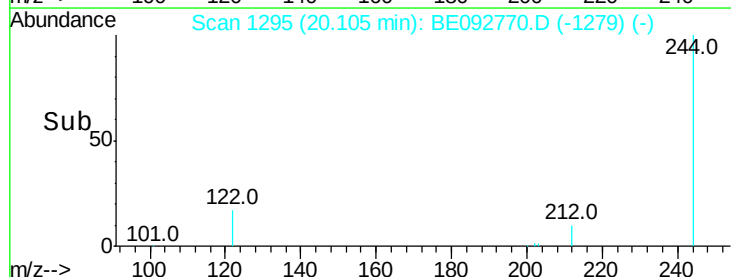
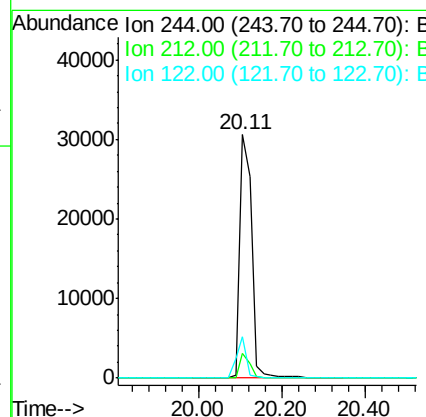
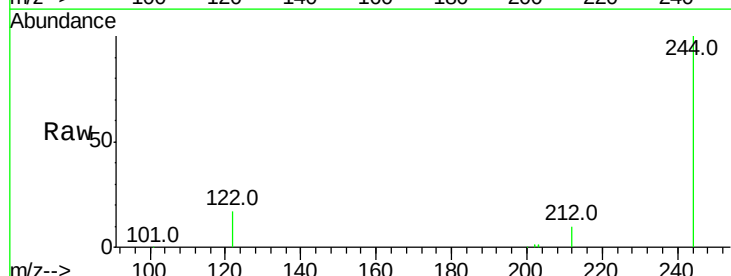
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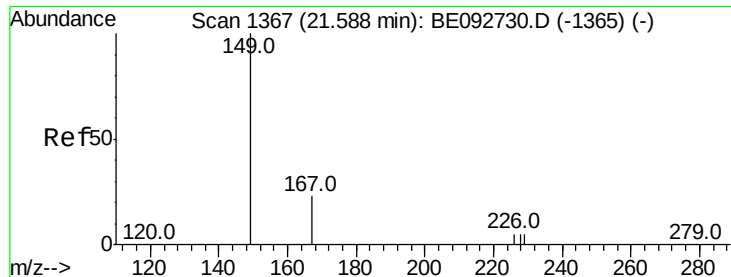
Tot Ion:240 Resp: 87986
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 29.0 24.6 37.0



#26
Terphenyl-d14
Concen: 5.40 ng
RT: 20.11 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BE092770.D
Acq: 28 Feb 2017 19:33

Tgt Ion:244 Resp: 60597
Ion Ratio Lower Upper
244 100
212 10.0 6.7 10.1
122 16.9 3.6 5.4#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.48 ng

RT: 21.59 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

Instrument :

BNA_E

ClientSampleId :

CPS073051

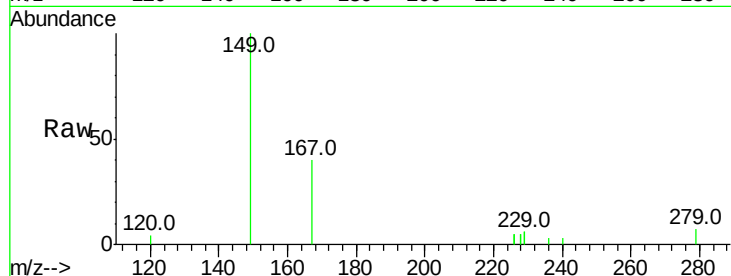
Tot Ion:149 Resp: 4983

Ion Ratio Lower Upper

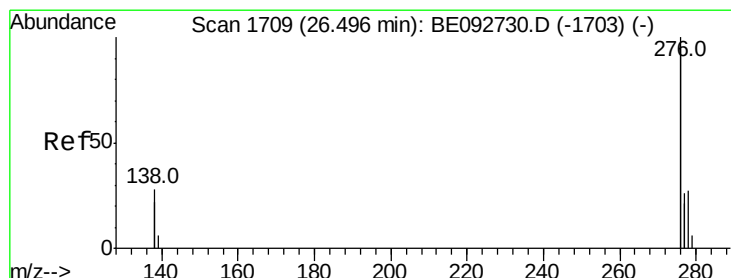
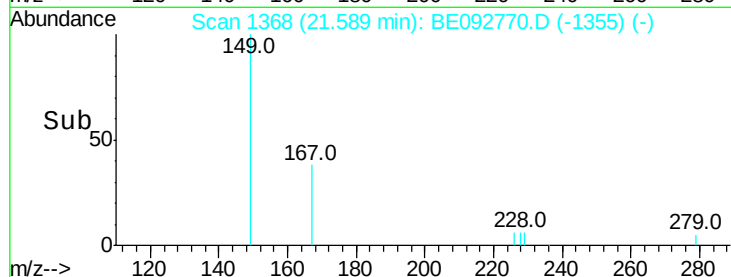
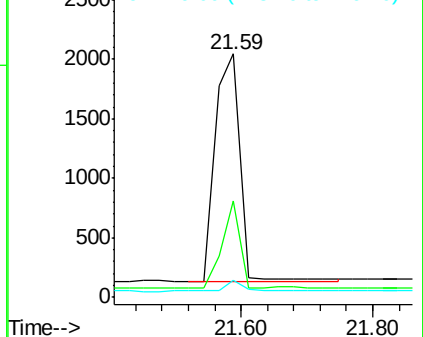
149 100

167 28.0 16.0 24.0#

279 3.6 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

RT: 26.50 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

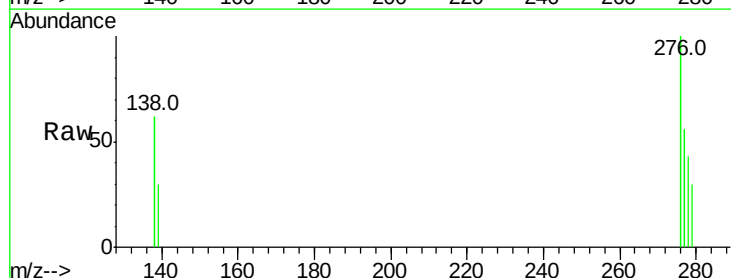
Tgt Ion:276 Resp: 1595

Ion Ratio Lower Upper

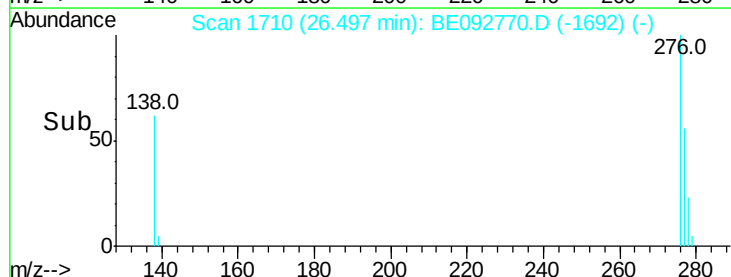
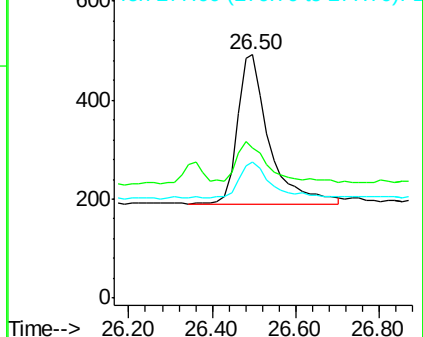
276 100

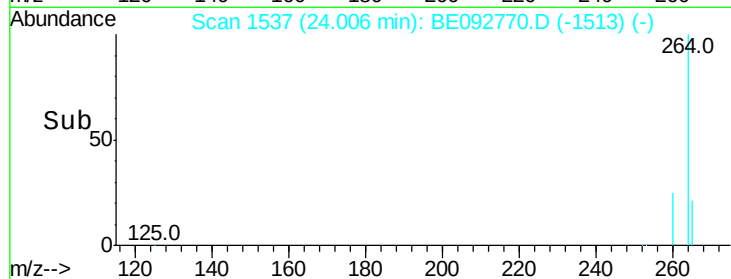
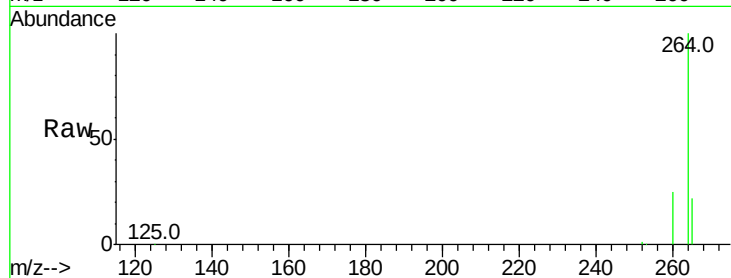
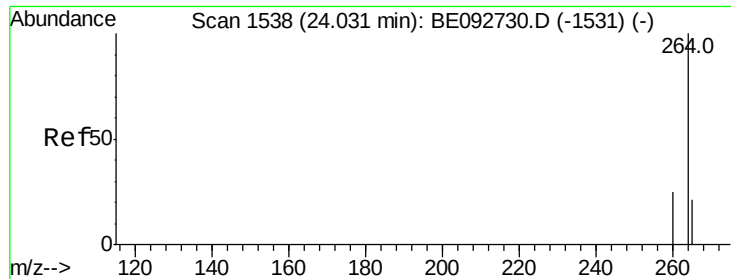
138 27.0 20.3 30.5

277 24.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#31

Pervlene-d12

Concen: 5.00 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092770.D

Acq: 28 Feb 2017 19:33

Instrument :

BNA_E

ClientSampleId :

CPS073051

Tot Ion:264 Resp: 76749

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

265 21.6 17.9 26.9

