

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030717\
 Data File : BE092808.D
 Acq On : 7 Mar 2017 16:28
 Operator : SJ/MA
 Sample : I2052-01DL 150X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051DL

Quant Time: Mar 08 09:15:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

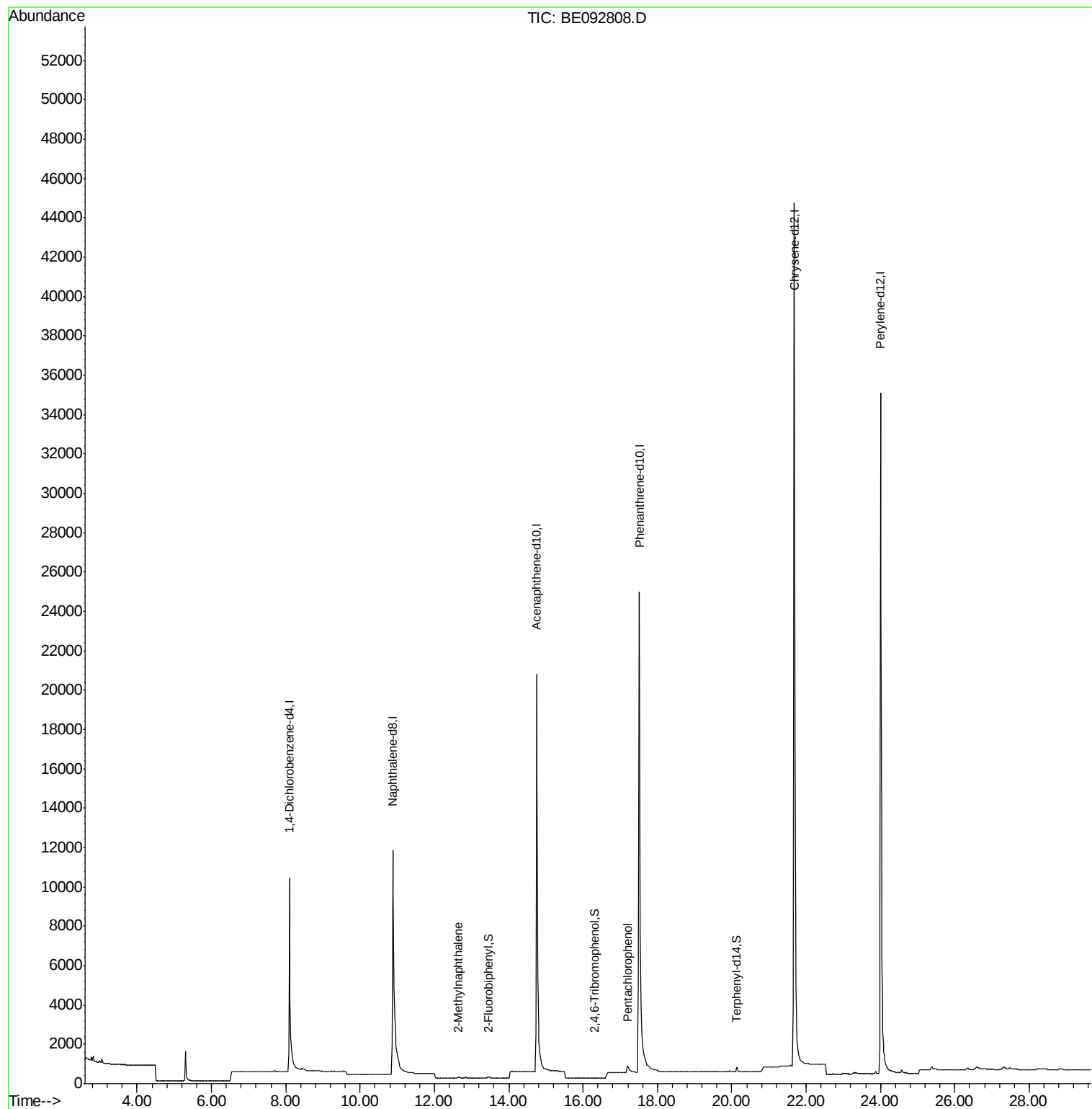
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	7754	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	33226	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	19756	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	51482	5.00	ng	0.00
24) Chrysene-d12	21.68	240	68142	5.00	ng	-0.02
31) Perylene-d12	24.01	264	59839	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng	
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
13) 2,4,6-Tribromophenol	16.30	330	37	0.07	ng	0.01
14) 2-Fluorobiphenyl	13.46	172	236	0.05	ng	0.06
26) Terphenyl-d14	20.14	244	472	0.06	ng	0.00
Target Compounds						
11) 2-Methylnaphthalene	12.64	142	168	0.04	ng	Qvalue # 71
20) Pentachlorophenol	17.19	266	728	1.03	ng	91

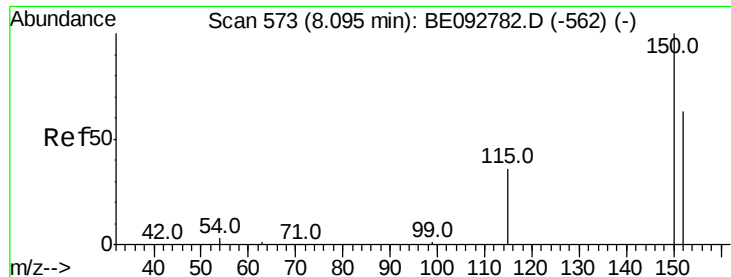
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.09 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092808.D

Acq: 7 Mar 2017 16:28

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BNA_E

ClientSampleId :

CPS093051DL

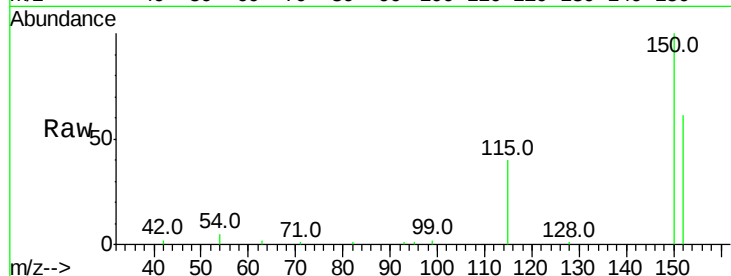
Tot Ion:152 Resp: 7754

Ion Ratio Lower Upper

152 100

150 165.2 106.0 159.0#

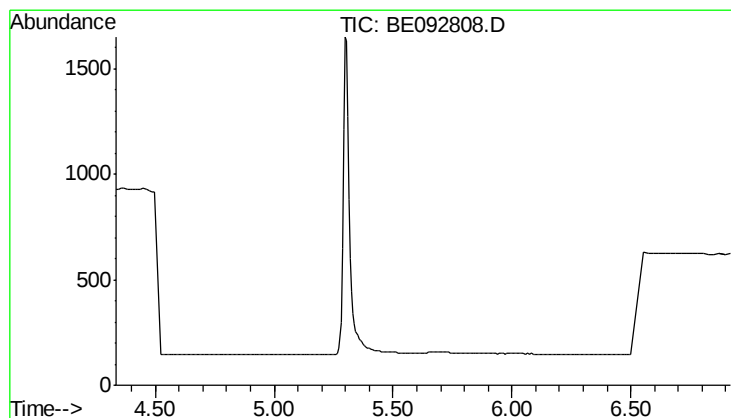
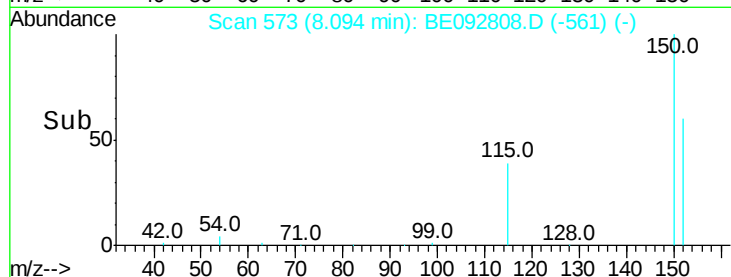
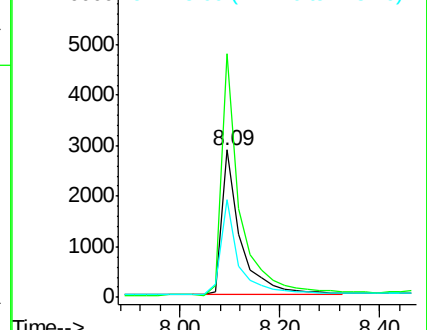
115 66.3 31.2 46.8#



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: 0.00 ng

Expected RT: 5.63 min

Lab File: BE092808.D

Acq: 7 Mar 2017 16:28

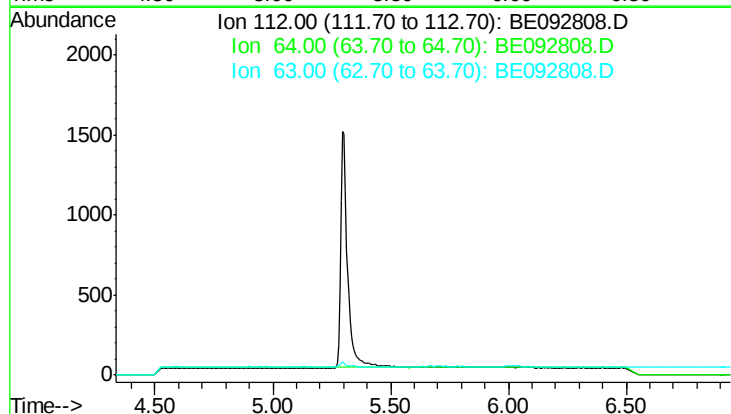
Tgt Ion: 112

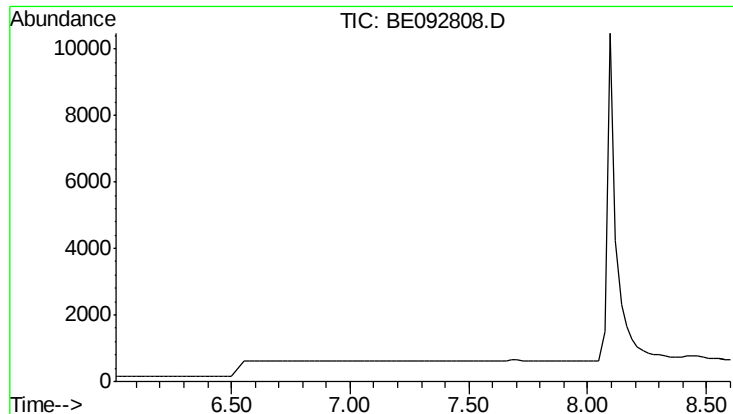
Sig Exp Ratio

112 100

64 66.9

63 34.9





#5

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.31 min

Lab File: BE092808.D

Acq: 7 Mar 2017 16:28

Instrument :

BNA_E

ClientSampleId :

CPS093051DL

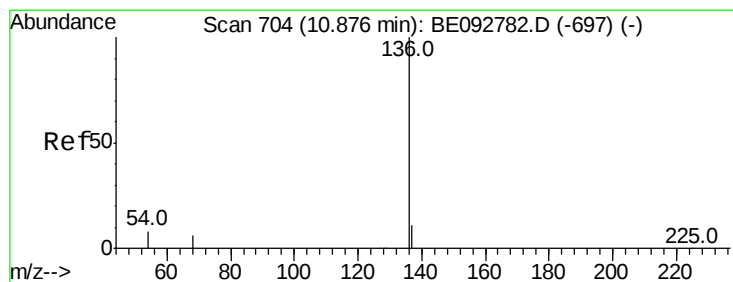
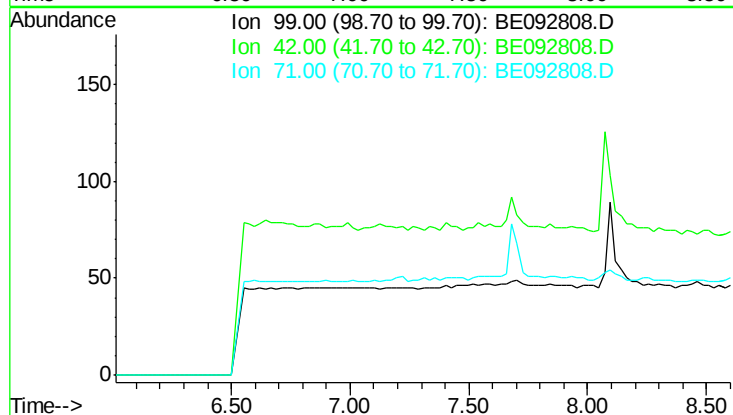
Tot Ion: 99

Sig Exp Ratio

99 100

42 20.0

71 38.2



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092808.D

Acq: 7 Mar 2017 16:28

Tgt Ion:136 Resp: 33226

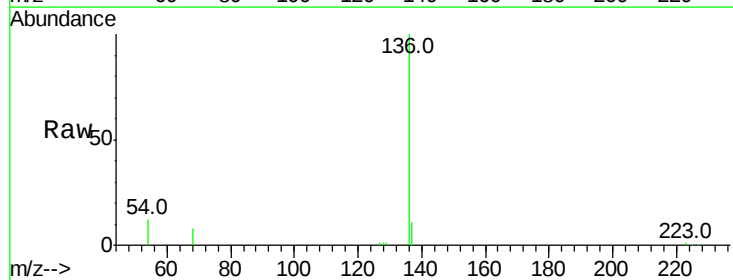
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 11.6 9.6 14.4

68 7.9 6.7 10.1

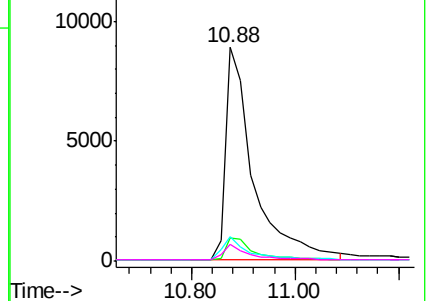
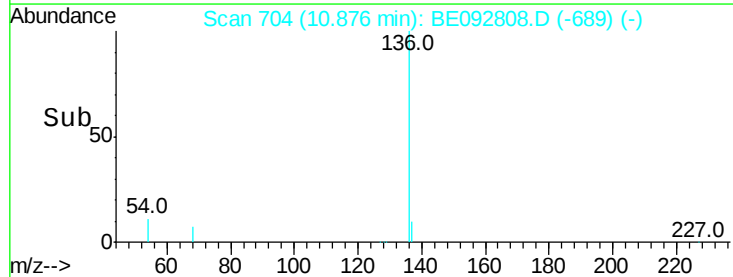


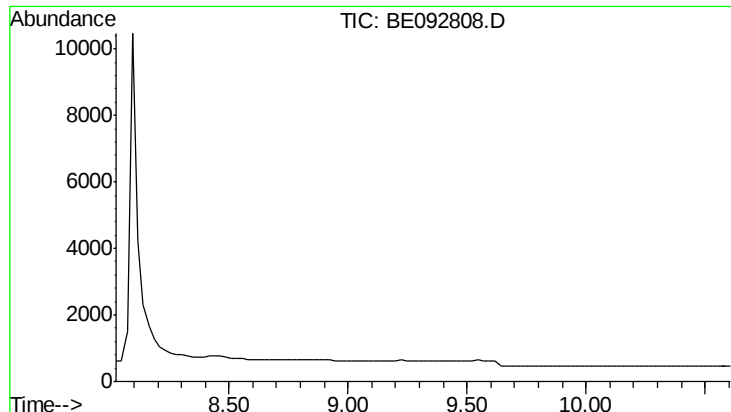
Abundance Ion 136.00 (135.70 to 136.70): E

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

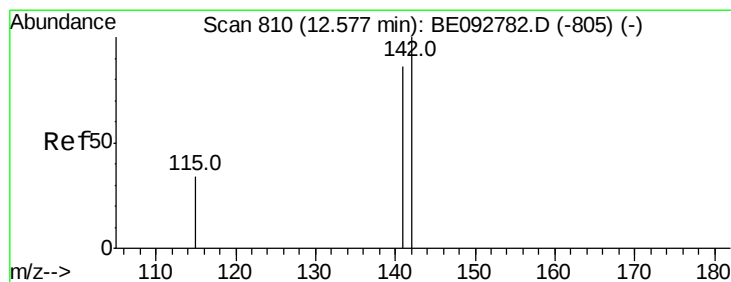
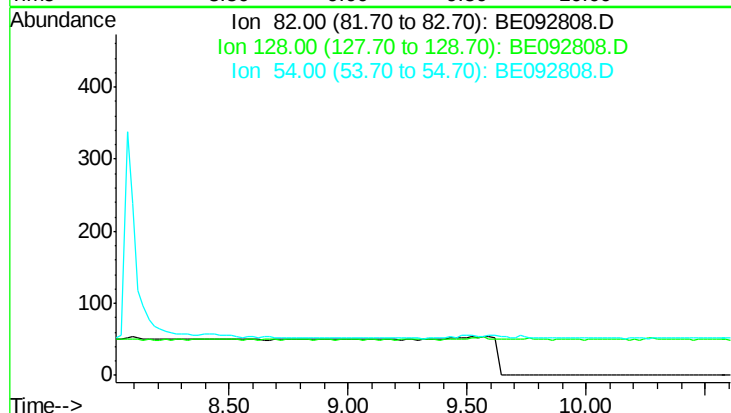




#8
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 9.32 min
 Lab File: BE092808.D
 Acq: 7 Mar 2017 16:28

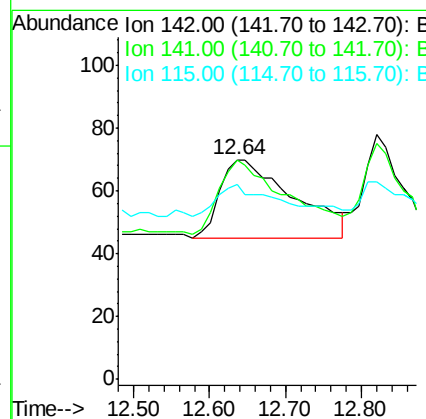
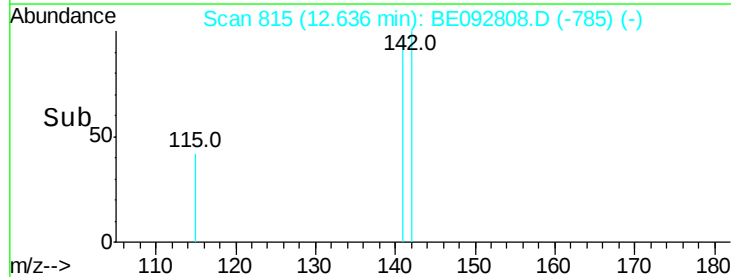
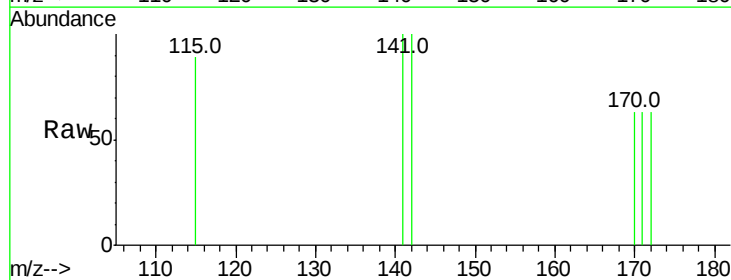
Instrument :
 BNA_E
 ClientSampleId :
 CPS093051DL

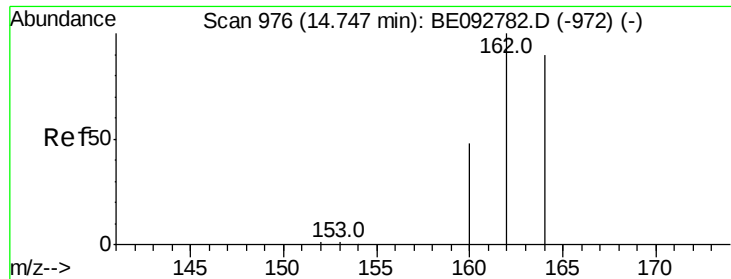
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 48.7
 54 56.0



#11
 2-Methylnaphthalene
 Concen: 0.04 ng
 RT: 12.64 min Scan# 815
 Delta R.T. 0.05 min
 Lab File: BE092808.D
 Acq: 7 Mar 2017 16:28

Tgt Ion:142 Resp: 168
 Ion Ratio Lower Upper
 142 100
 141 100.0 73.7 110.5
 115 88.6 34.0 51.0#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092808.D

Acq: 7 Mar 2017 16:28

Instrument :

BNA_E

ClientSampleId :

CPS093051DL

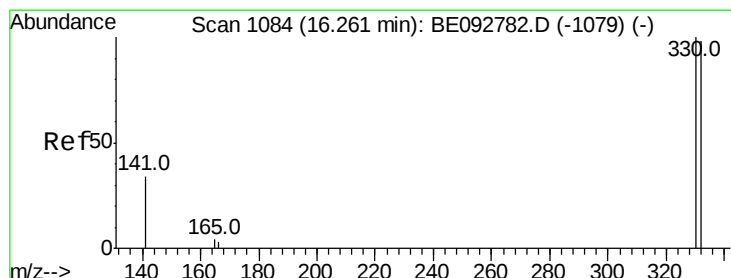
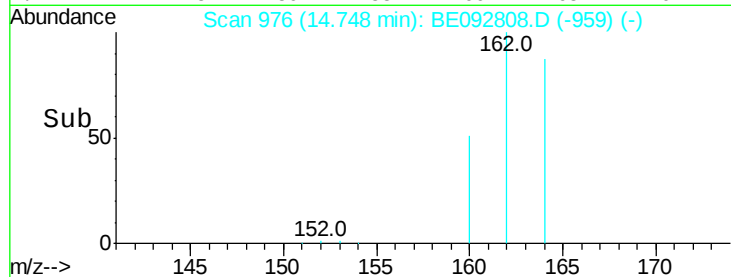
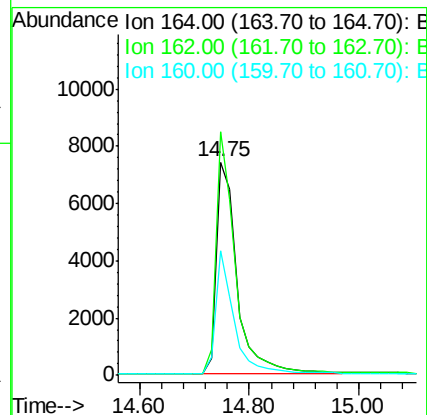
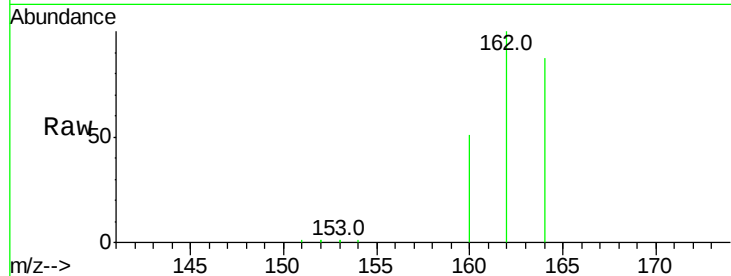
Tot Ion:164 Resp: 19756

Ion Ratio Lower Upper

164 100

162 114.3 71.4 107.0#

160 58.7 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 0.07 ng

RT: 16.30 min Scan# 1087

Delta R.T. 0.01 min

Lab File: BE092808.D

Acq: 7 Mar 2017 16:28

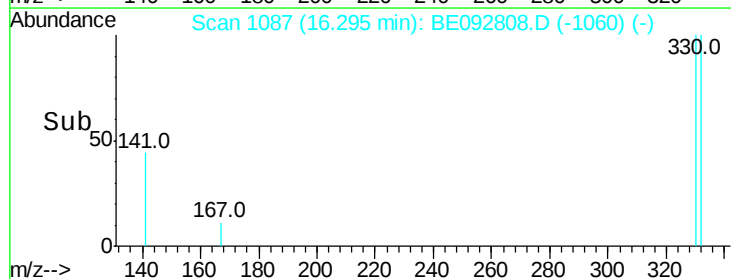
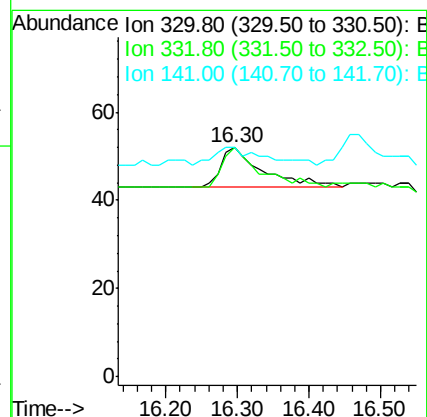
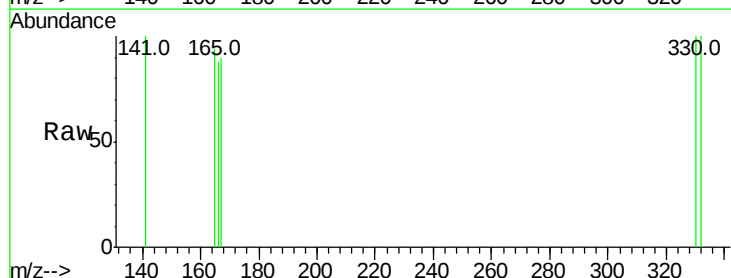
Tgt Ion:330 Resp: 37

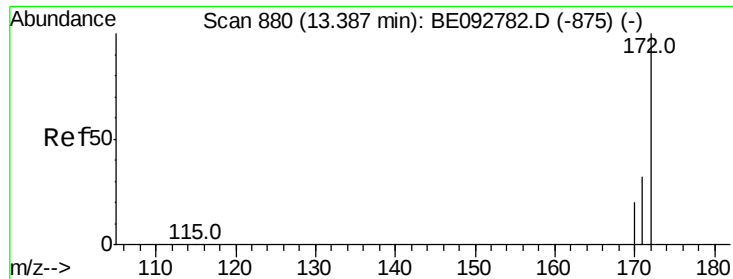
Ion Ratio Lower Upper

330 100

332 89.2 75.4 113.0

141 51.4 31.0 46.6#

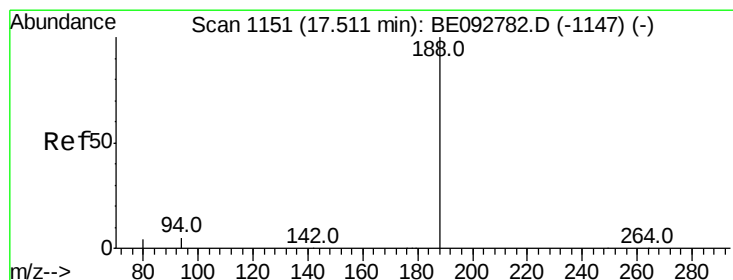
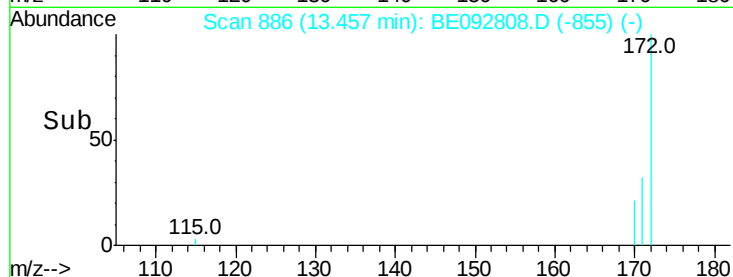
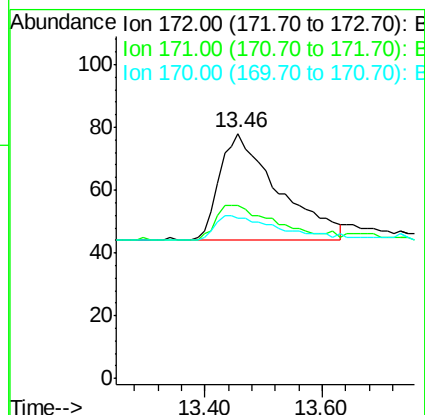
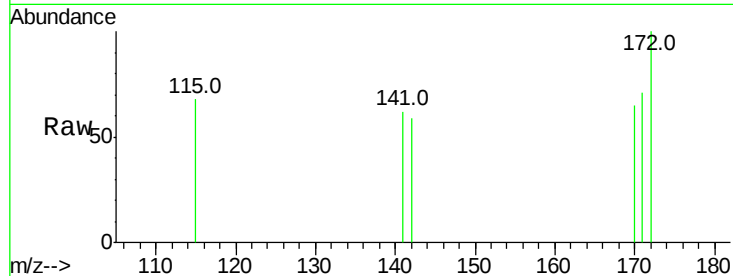




#14
2-Fluorobiphenyl
Concen: 0.05 ng
RT: 13.46 min Scan# 886
Delta R.T. 0.06 min
Lab File: BE092808.D
Acq: 7 Mar 2017 16:28

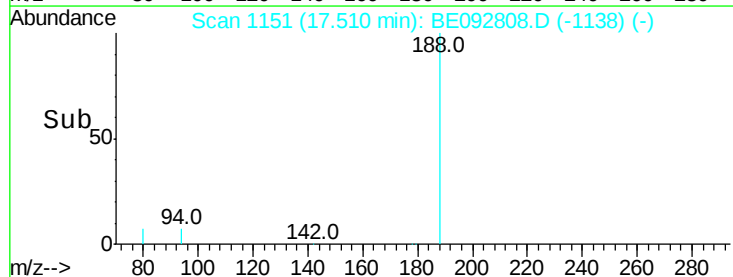
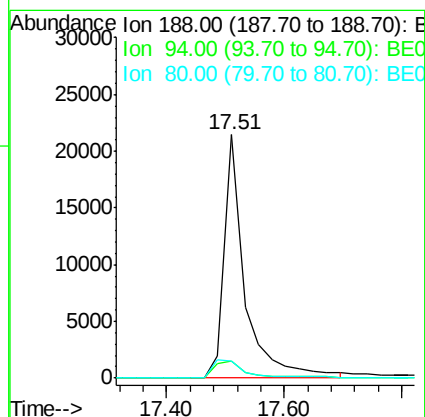
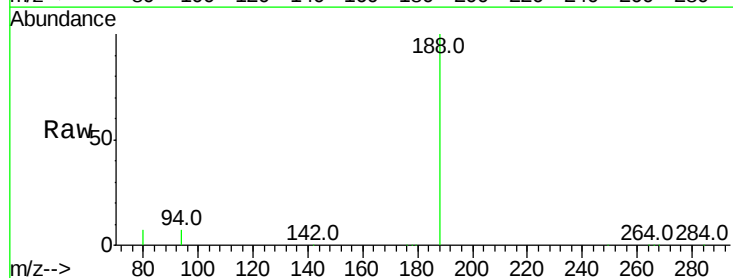
Instrument :
BNA_E
ClientSampleId :
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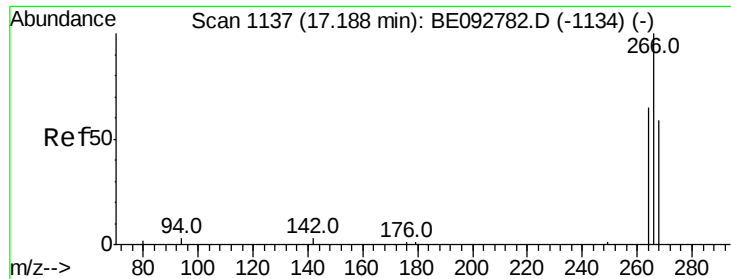
Tot Ion:172 Resp: 236
Ion Ratio Lower Upper
172 100
171 70.5 30.1 45.1#
170 65.4 21.8 32.6#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092808.D
Acq: 7 Mar 2017 16:28

Tgt Ion:188 Resp: 51482
Ion Ratio Lower Upper
188 100
94 7.2 3.2 4.8#
80 6.9 2.6 3.8#

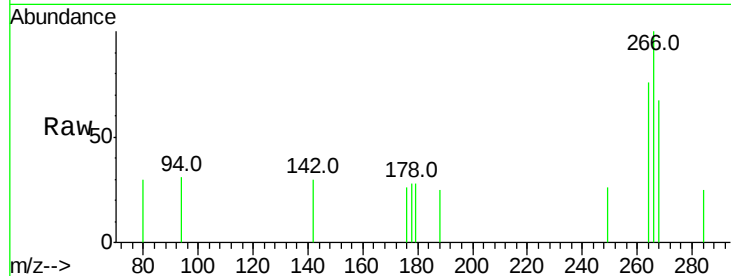




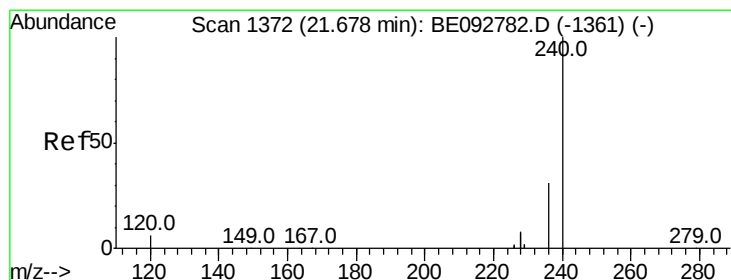
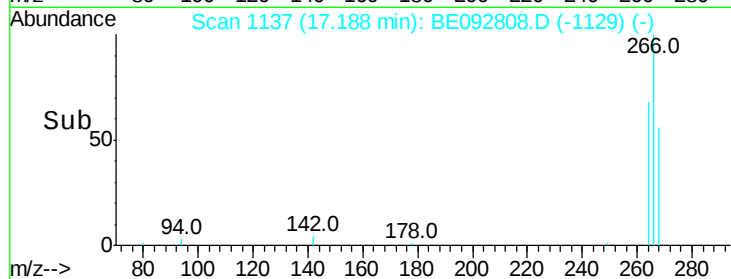
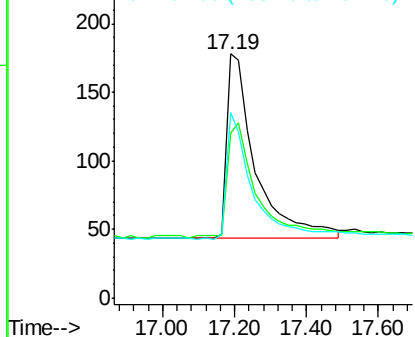
#20
 Pentachlorophenol
 Concen: 1.03 ng
 RT: 17.19 min Scan# 1137
 Delta R.T. -0.12 min
 Lab File: BE092808.D
 Acq: 7 Mar 2017 16:28

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051DL

Tot Ion:266 Resp: 728
 Ion Ratio Lower Upper
 266 100
 268 67.4 62.5 93.7
 264 75.8 57.2 85.8

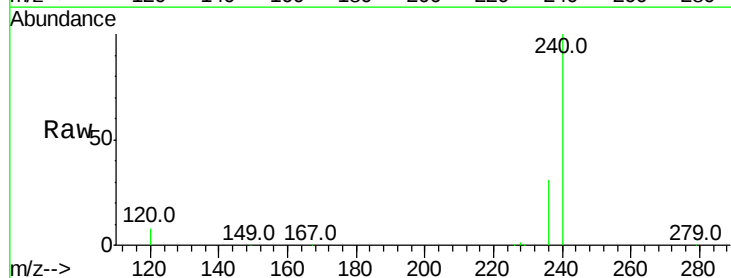


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

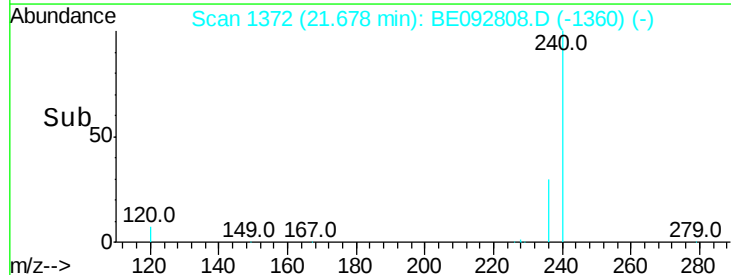
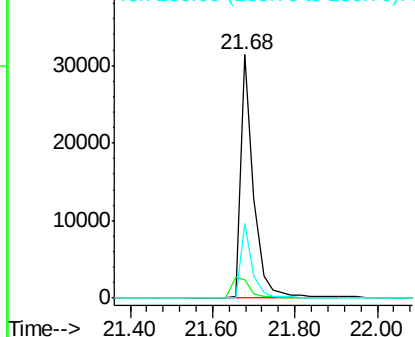


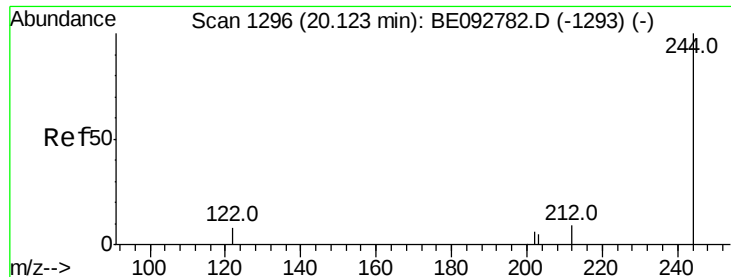
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.68 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BE092808.D
 Acq: 7 Mar 2017 16:28

Tgt Ion:240 Resp: 68142
 Ion Ratio Lower Upper
 240 100
 120 7.6 2.6 4.0#
 236 30.6 24.6 37.0



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

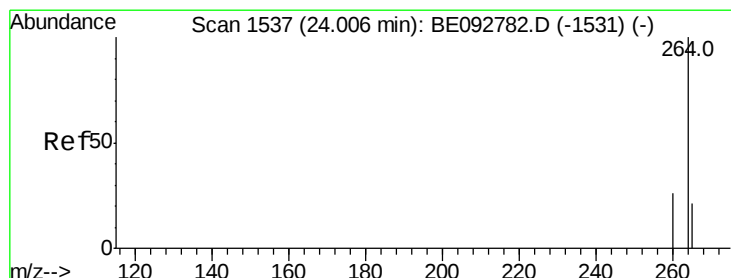
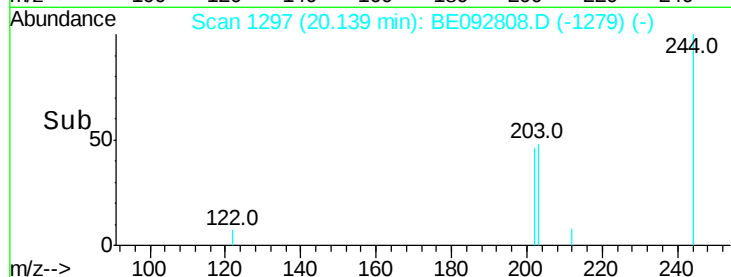
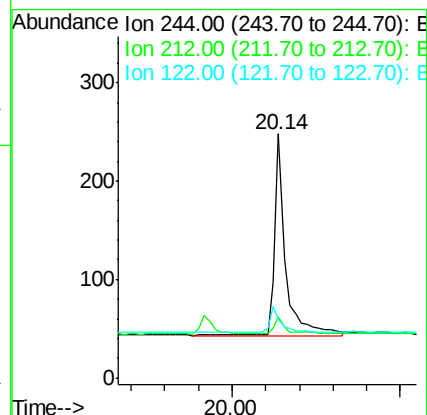
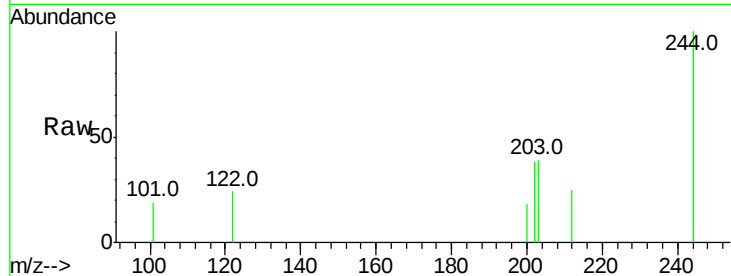




#26
 Terphenyl-d14
 Concen: 0.06 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BE092808.D
 Acq: 7 Mar 2017 16:28

Instrument :
 BNA_E
 ClientSampleId :
 CPS093051DL

Tot Ion:244 Resp: 472
 Ion Ratio Lower Upper
 244 100
 212 25.0 6.7 10.1#
 122 24.2 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BE092808.D
 Acq: 7 Mar 2017 16:28

Tgt Ion:264 Resp: 59839
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 21.7 17.9 26.9

