

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082715\
 Data File : BE090651.D
 Acq On : 27 Aug 2015 15:34
 Operator : UM/IZ
 Sample : G3415-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-B

Quant Time: Aug 27 23:04:12 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 23:02:45 2015
 Response via : Initial Calibration

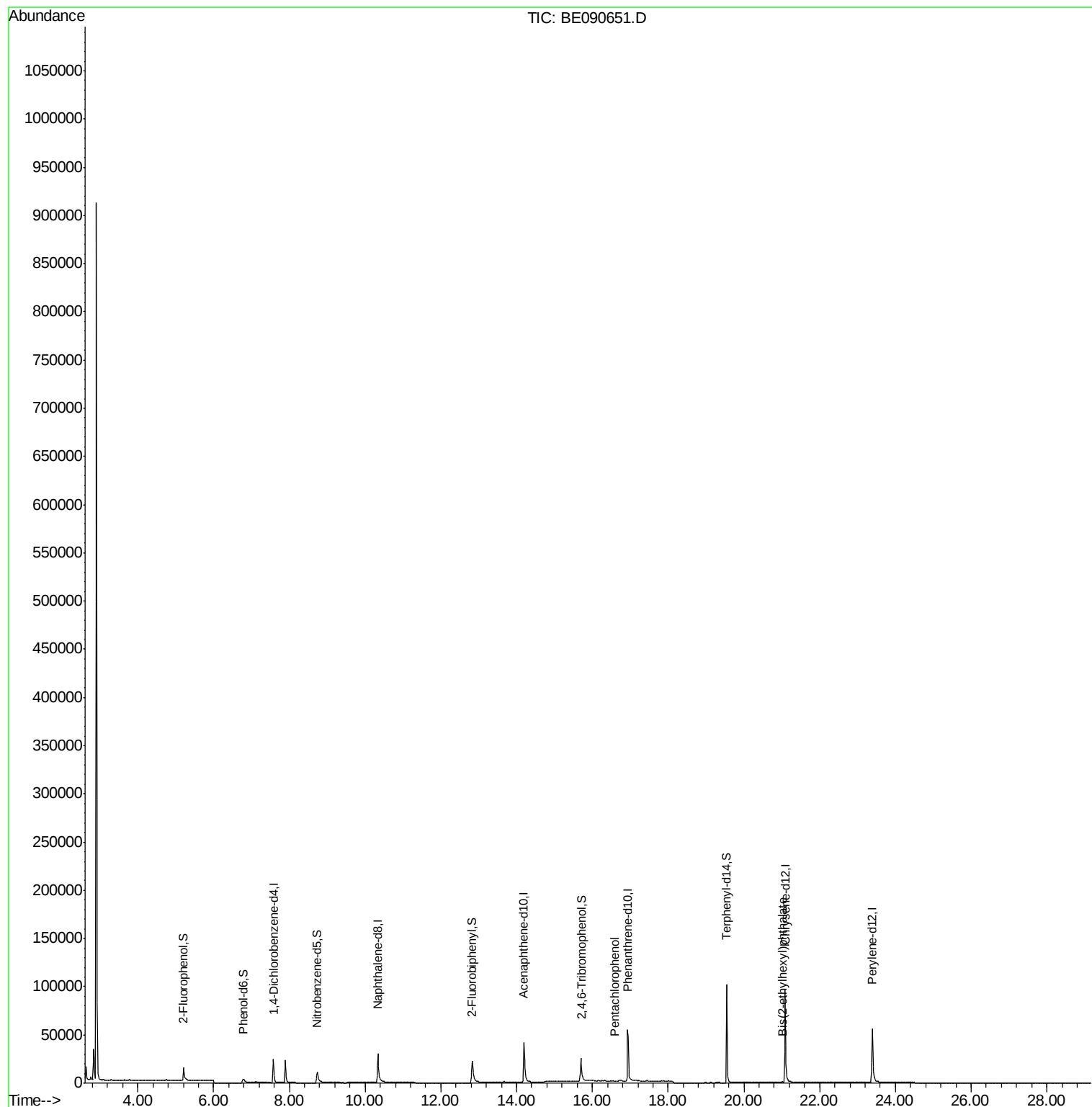
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14939	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	64859	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	37955	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	103087	5.00	ng	0.00
25) Chrysene-d12	21.09	240	113540	5.00	ng	0.00
32) Perylene-d12	23.39	264	95908	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	13699	3.17	ng	0.00
5) Phenol-d6	6.78	99	11185	1.76	ng	0.00
7) Nitrobenzene-d5	8.74	82	21349	4.13	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	15340	10.50	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	49679	4.38	ng	0.00
27) Terphenyl-d14	19.55	244	115372	5.56	ng	-0.01
Target Compounds						
21) Pentachlorophenol	16.60	266	5	0.30	ng	# 66
30) Bis(2-ethylhexyl)phthalate	21.02	149	1509	0.22	ng	# 97

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

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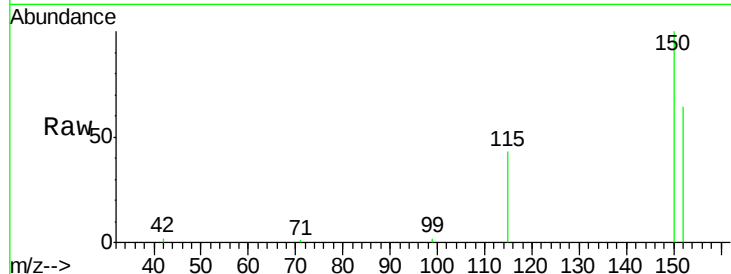


#1

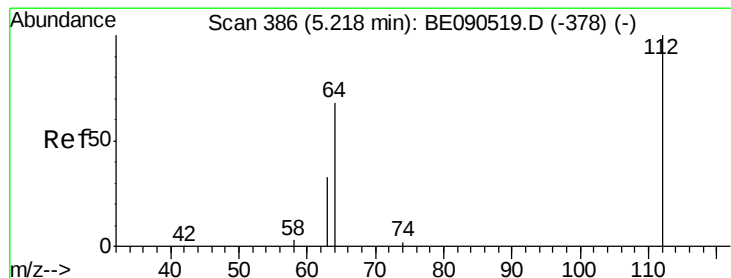
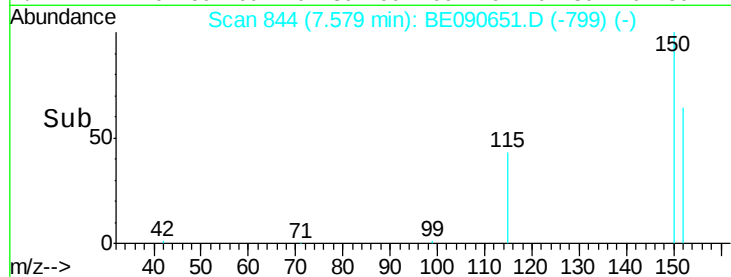
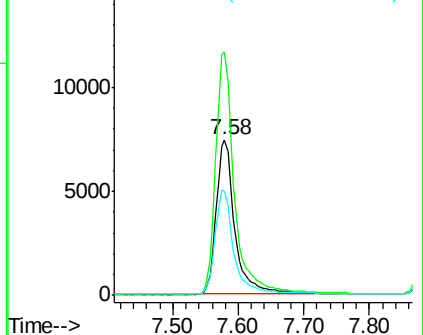
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE090651.D
Acq: 27 Aug 2015 15:34

Instrument :
BNA_E
ClientSampleId :
082515-D534-E-D-B

Tgt Ion:152 Resp: 14939
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.4
115 67.0 48.9 73.3



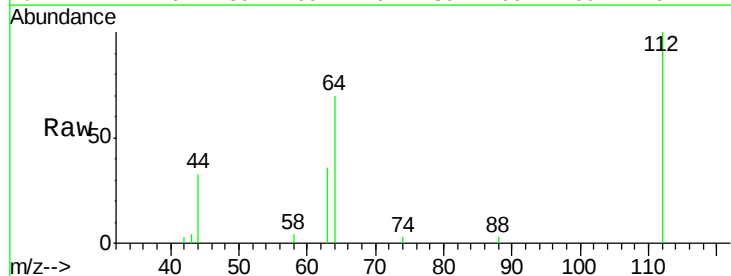
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



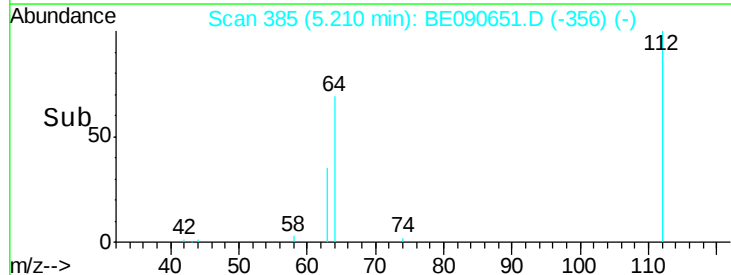
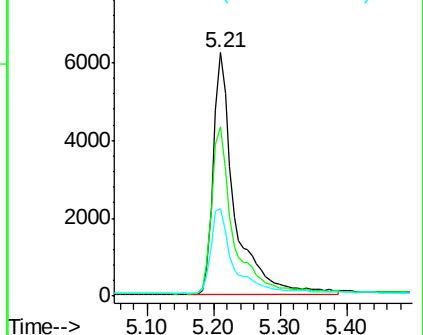
#4

2-Fluorophenol
Concen: 3.17 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE090651.D
Acq: 27 Aug 2015 15:34

Tgt Ion:112 Resp: 13699
Ion Ratio Lower Upper
112 100
64 71.4 37.1 55.7#
63 37.0 19.5 29.3#



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: 1.76 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-B

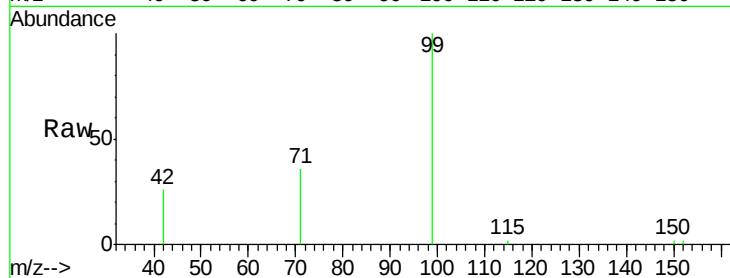
Tgt Ion: 99 Resp: 11185

Ion Ratio Lower Upper

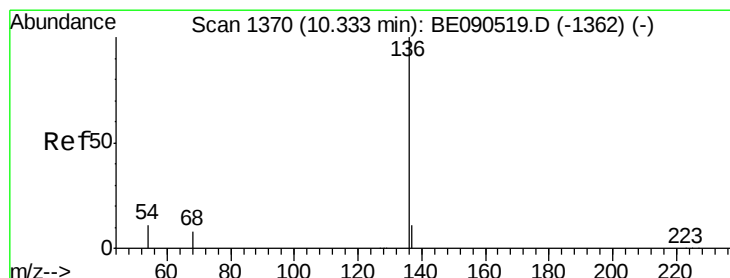
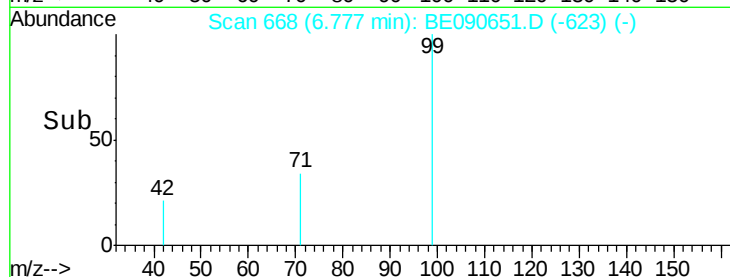
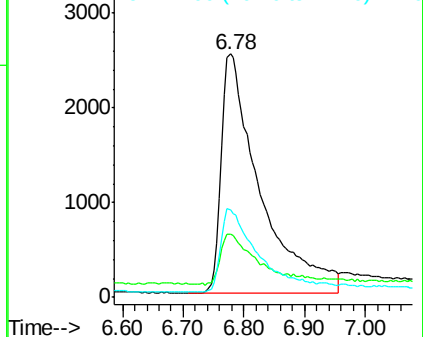
99 100

42 20.7 18.2 27.4

71 34.4 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

Tgt Ion: 136 Resp: 64859

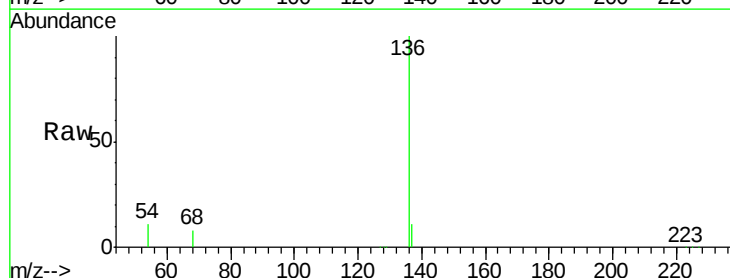
Ion Ratio Lower Upper

136 100

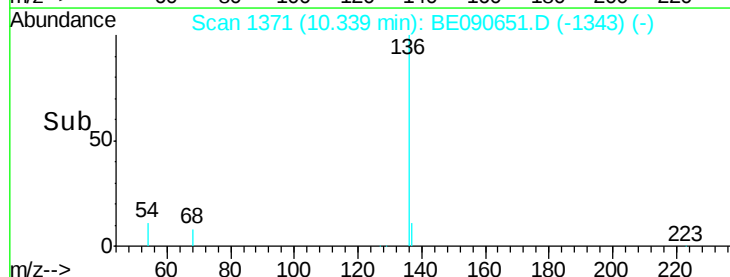
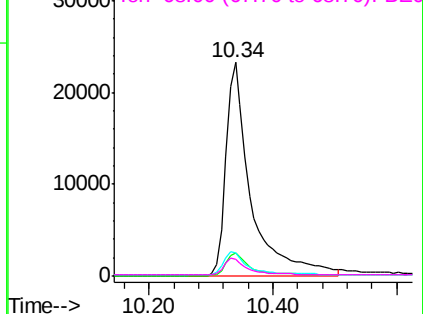
137 10.8 8.7 13.1

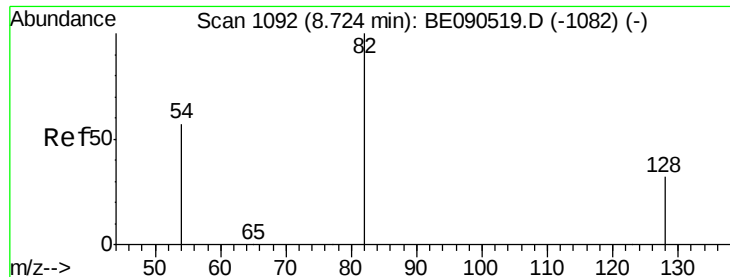
54 11.1 9.4 14.0

68 7.8 6.5 9.7



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: 4.13 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-B

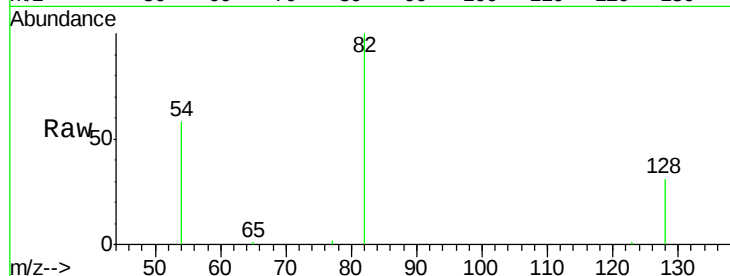
Tgt Ion: 82 Resp: 21349

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.6

54 58.2 48.8 73.2



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

8.74

6000

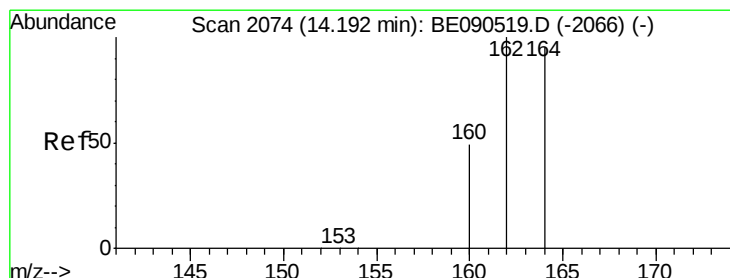
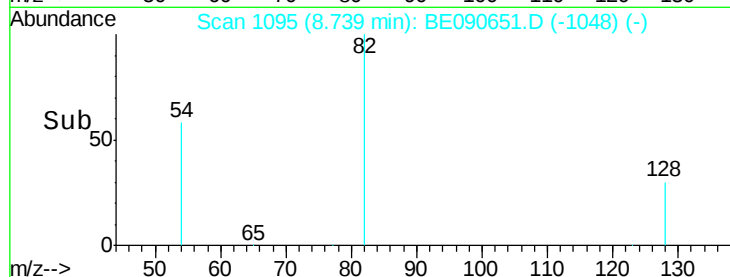
4000

2000

0

Time-->

8.60 8.70 8.80 8.90



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

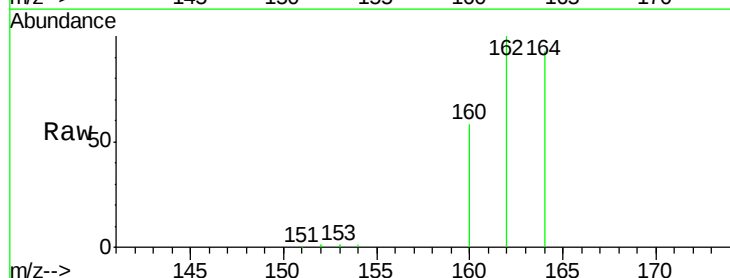
Tgt Ion: 164 Resp: 37955

Ion Ratio Lower Upper

164 100

162 107.2 81.8 122.8

160 62.5 44.2 66.4



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

14.19

20000

15000

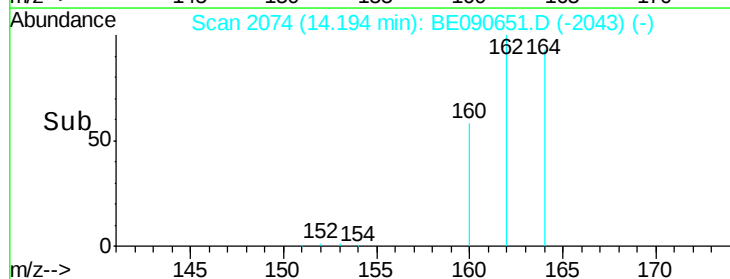
10000

5000

0

Time-->

14.20 14.40

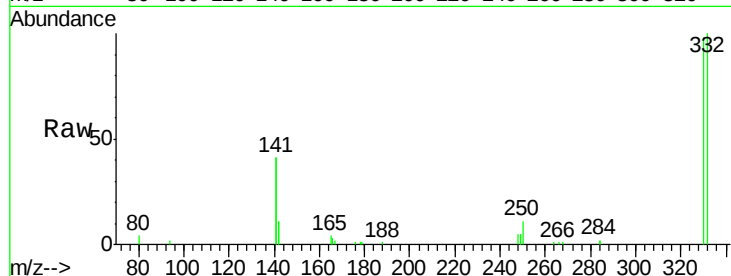




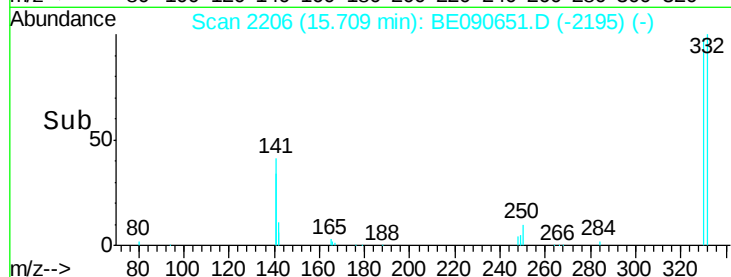
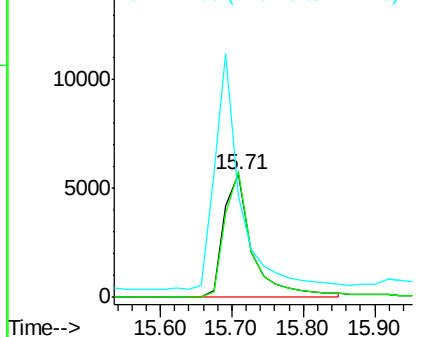
#13
 2,4,6-Tribromophenol
 Concen: 10.50 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090651.D
 Acq: 27 Aug 2015 15:34

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-B

Tgt Ion:330 Resp: 15340
 Ion Ratio Lower Upper
 330 100
 332 97.7 75.8 113.6
 141 180.2 114.4 171.6#

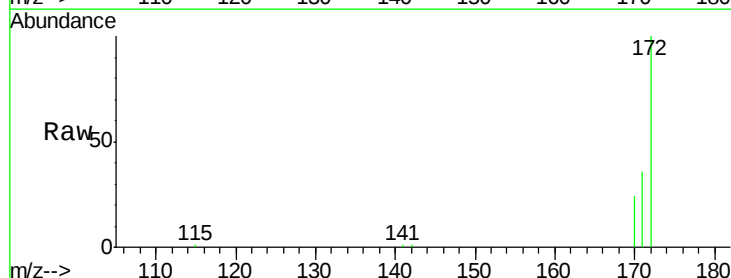


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

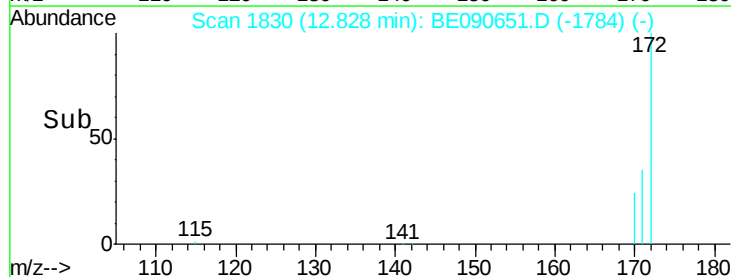
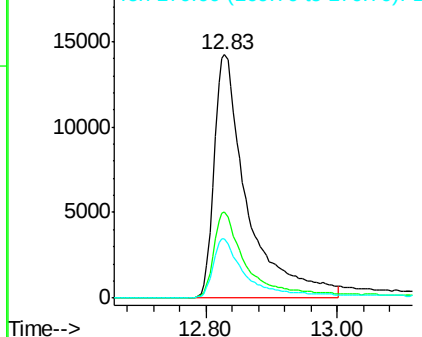


#14
 2-Fluorobiphenyl
 Concen: 4.38 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BE090651.D
 Acq: 27 Aug 2015 15:34

Tgt Ion:172 Resp: 49679
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-B

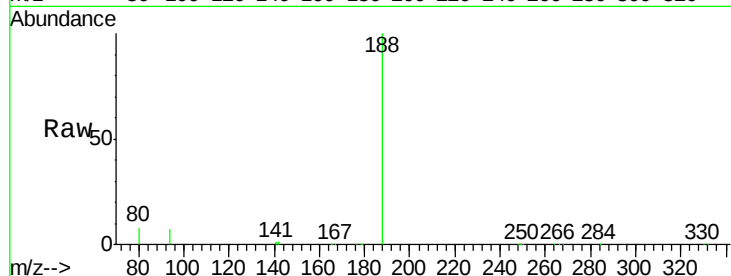
Tgt Ion:188 Resp: 103087

Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

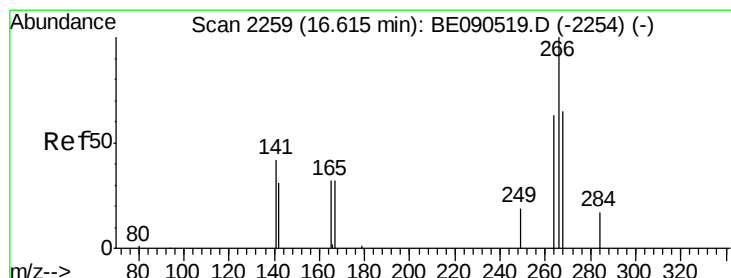
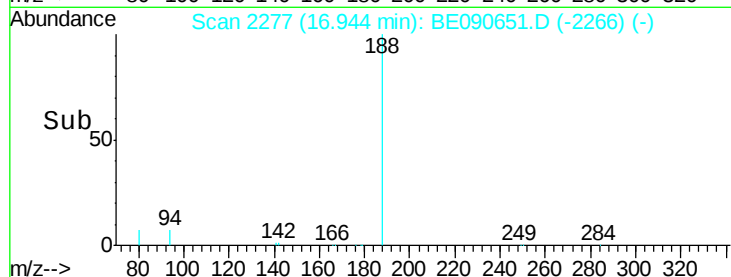
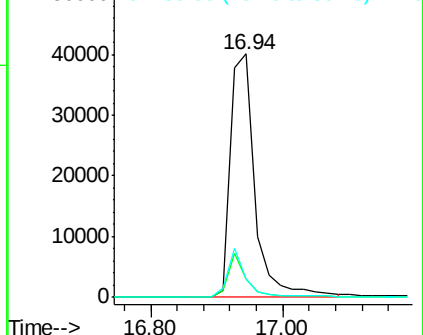
80 7.7 5.8 8.8



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



#21

Pentachlorophenol

Concen: 0.30 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

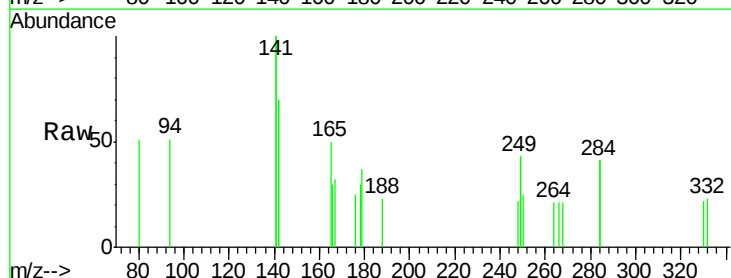
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

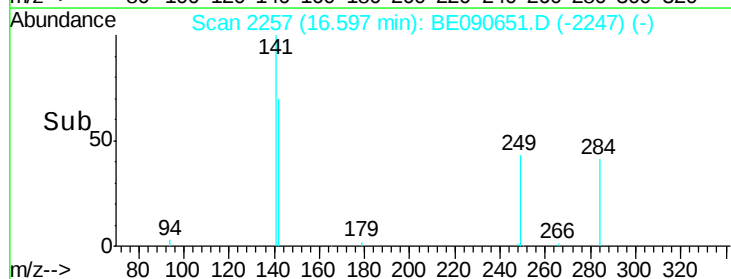
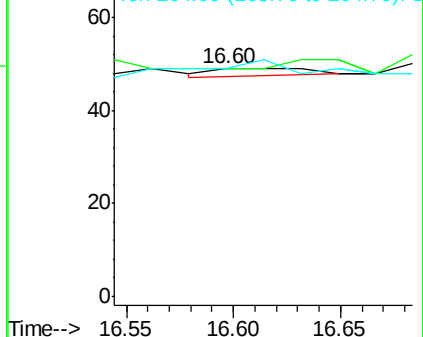
264 100.0 56.0 84.0#

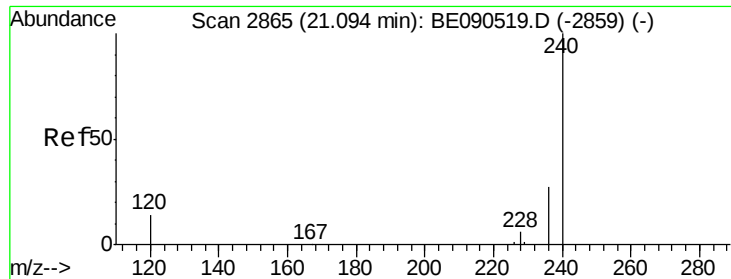


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

Instrument :

BNA_E

ClientSampleId :

082515-D534-E-D-B

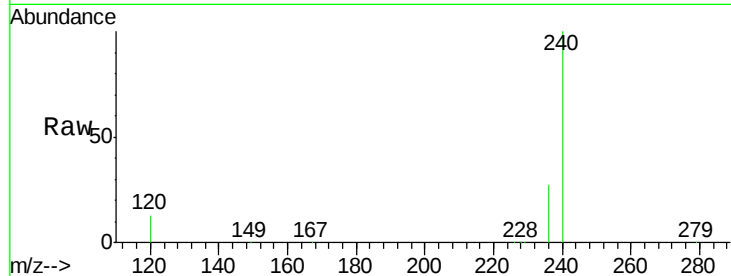
Tgt Ion:240 Resp: 113540

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

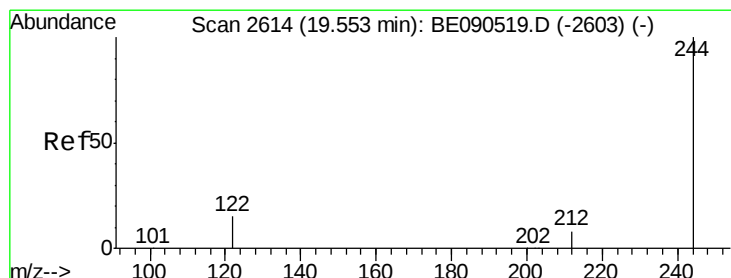
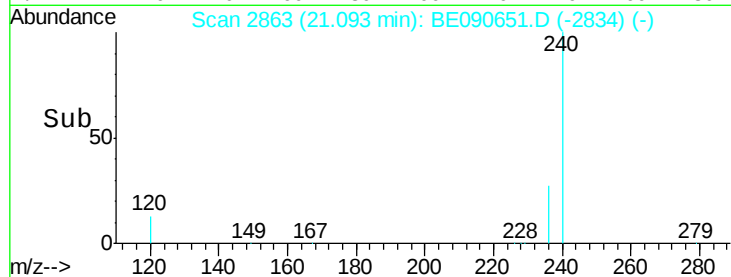
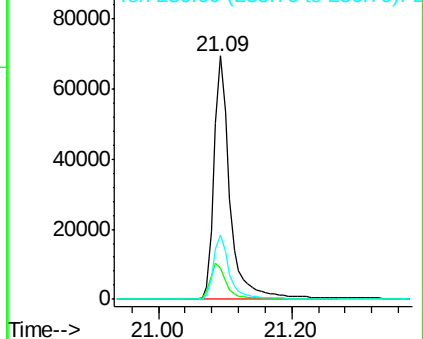
236 26.7 21.0 31.4



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



#27

Terphenyl-d14

Concen: 5.56 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BE090651.D

Acq: 27 Aug 2015 15:34

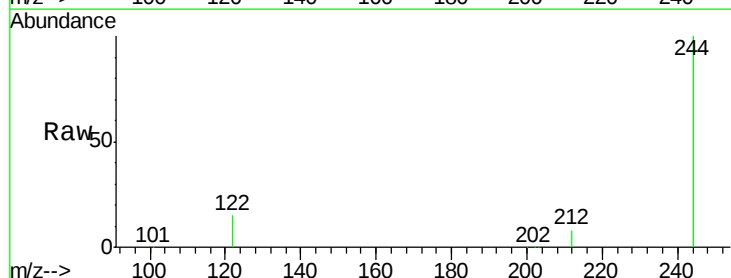
Tgt Ion:244 Resp: 115372

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

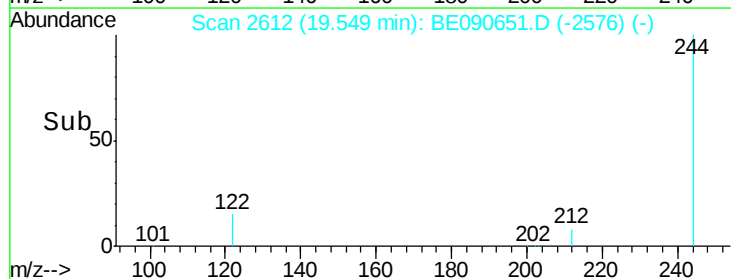
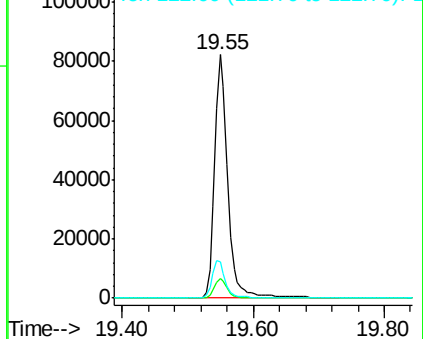
122 14.8 10.2 15.4

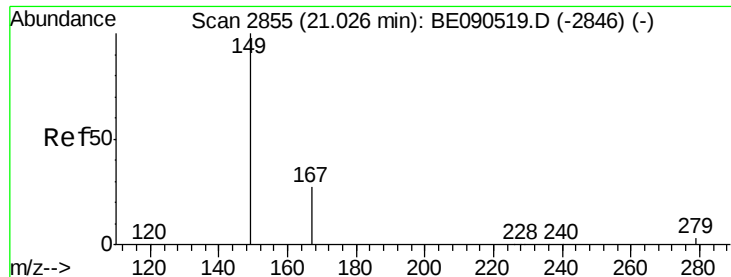


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

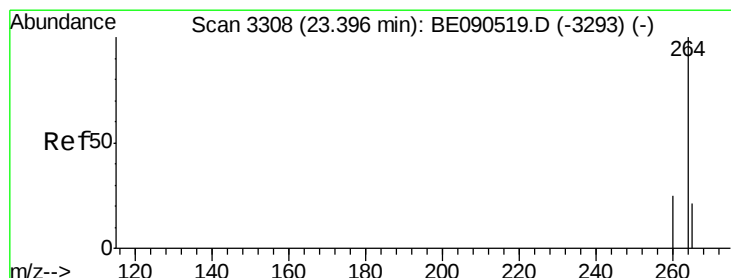
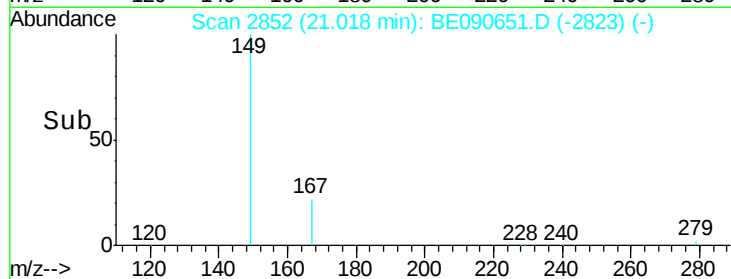
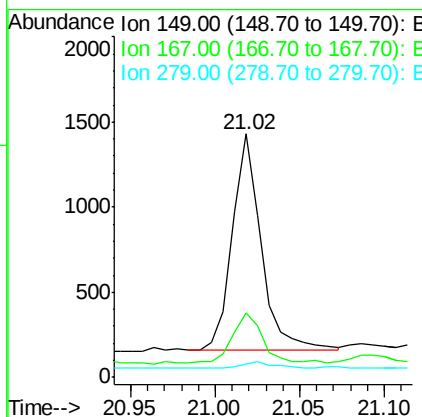
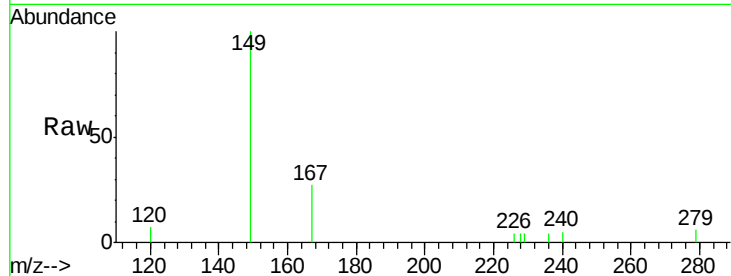




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.02 min Scan# 2852
 Delta R.T. -0.00 min
 Lab File: BE090651.D
 Acq: 27 Aug 2015 15:34

Instrument :
 BNA_E
 ClientSampleId :
 082515-D534-E-D-B

Tgt Ion: 149 Resp: 1509
 Ion Ratio Lower Upper
 149 100
 167 23.5 19.8 29.8
 279 3.8 2.4 3.6#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090651.D
 Acq: 27 Aug 2015 15:34

Tgt Ion: 264 Resp: 95908
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 22.2 17.2 25.8

