

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
 Data File : BE092798.D
 Acq On : 6 Mar 2017 22:01
 Operator : SJ/MA
 Sample : I2052-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS123051

Quant Time: Mar 07 02:19:43 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	8.10	152	9458	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	40240	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	23062	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	56226	5.00	ng	0.00
24) Chrysene-d12	21.68	240	84325	5.00	ng	-0.02
31) Perylene-d12	24.01	264	68607	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.60	112	9068	4.53	ng	-0.03
5) Phenol-d6	7.27	99	6580	2.76	ng	-0.04
8) Nitrobenzene-d5	9.27	82	12315	5.01	ng	-0.04
13) 2,4,6-Tribromophenol	16.25	330	7514	12.38	ng	-0.03
14) 2-Fluorobiphenyl	13.38	172	30878	5.68	ng	-0.02
26) Terphenyl-d14	20.10	244	50001	4.91	ng	-0.03

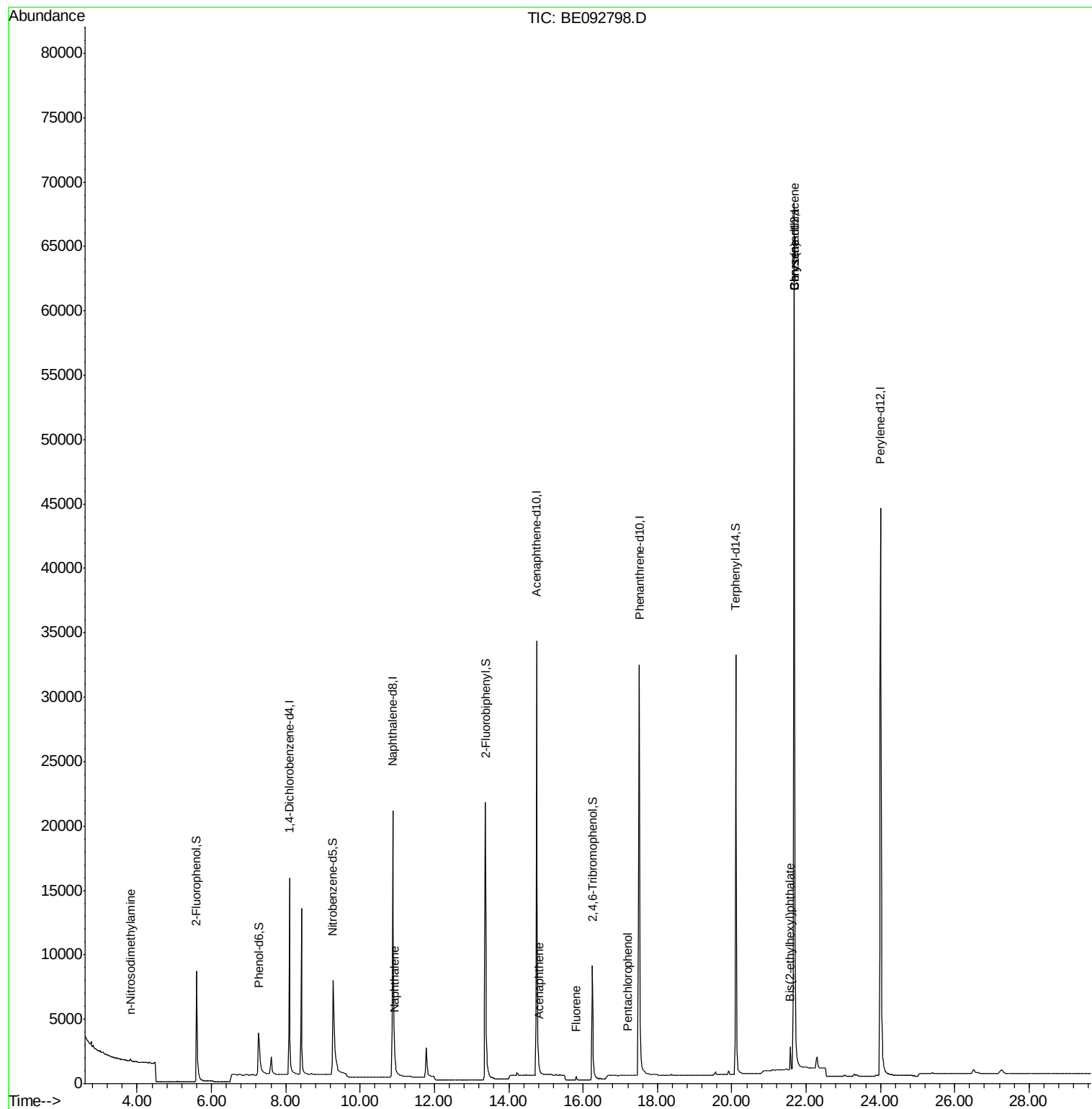
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.83	42	62	0.04	ng	# 3
9) Naphthalene	10.93	128	191	0.02	ng	# 7
16) Acenaphthene	14.82	154	110	0.02	ng	94
17) Fluorene	15.81	166	239	0.04	ng	94
20) Pentachlorophenol	17.21	266	87	0.19	ng	86
27) Benzo(a)anthracene	21.68	228	1736	0.09	ng	# 62
28) Chrysene	21.68	228	1771	0.02	ng	# 64
29) Bis(2-ethylhexyl)phthalate	21.57	149	3449	0.51	ng	# 56

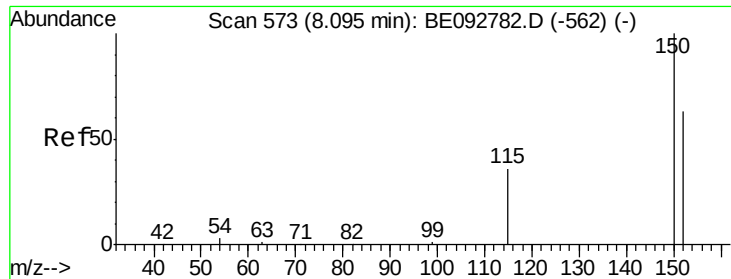
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092798.D

Acq: 6 Mar 2017 22:01

Instrument :

BNA_E

ClientSampleId :

CPS123051

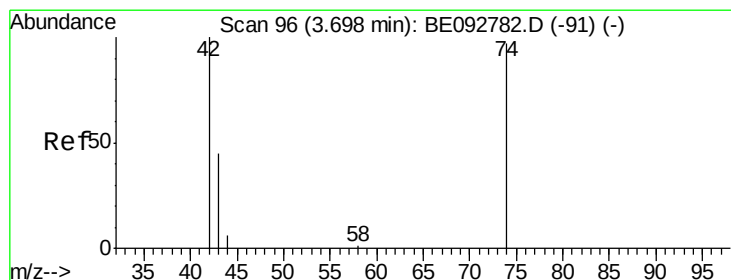
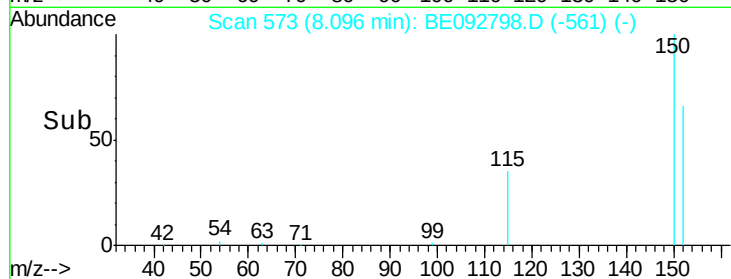
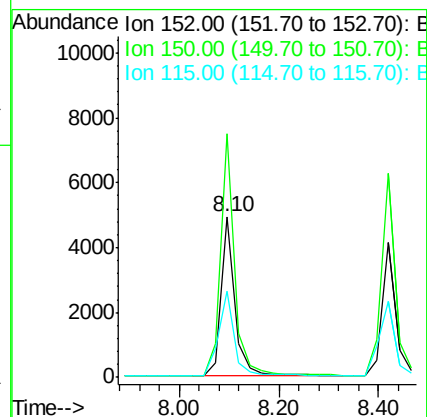
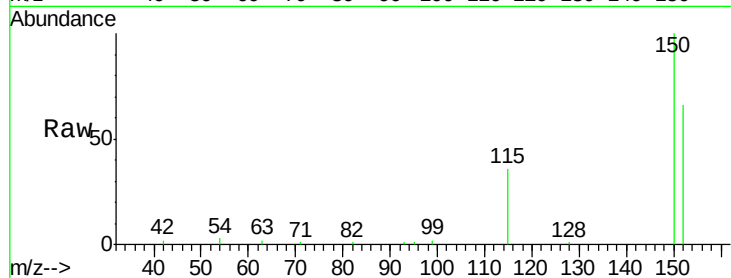
Tgt Ion:152 Resp: 9458

Ion Ratio Lower Upper

152 100

150 151.4 106.0 159.0

115 53.9 31.2 46.8#



#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.09 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

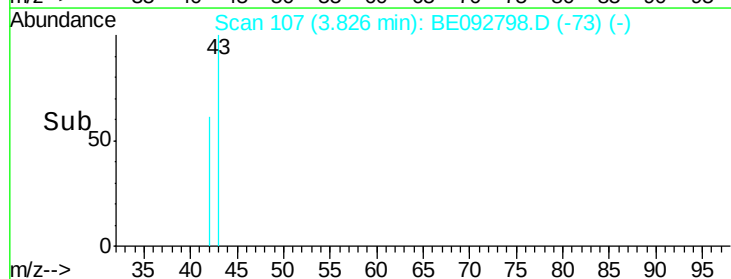
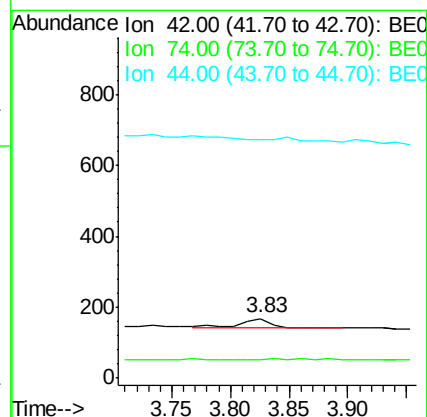
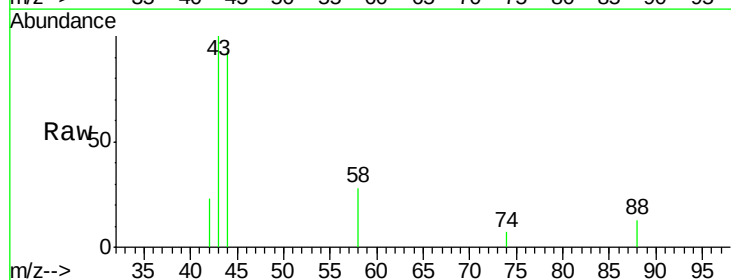
Tgt Ion: 42 Resp: 62

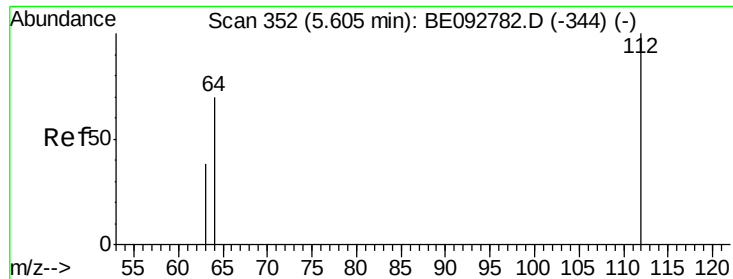
Ion Ratio Lower Upper

42 100

74 1.6 86.0 129.0#

44 0.0 5.1 7.7#





#4

2-Fluorophenol

Concen: 4.53 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.03 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

Instrument :

BNA_E

ClientSampleId :

CPS123051

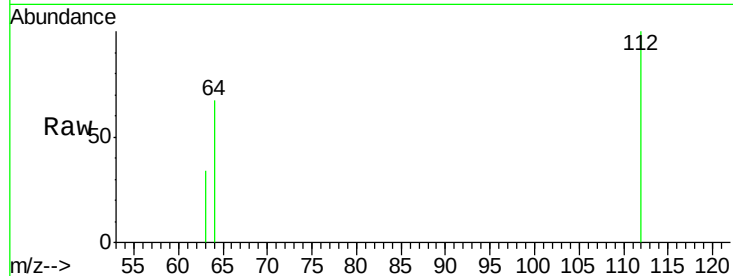
Tgt Ion: 112 Resp: 9068

Ion Ratio Lower Upper

112 100

64 68.4 53.5 80.3

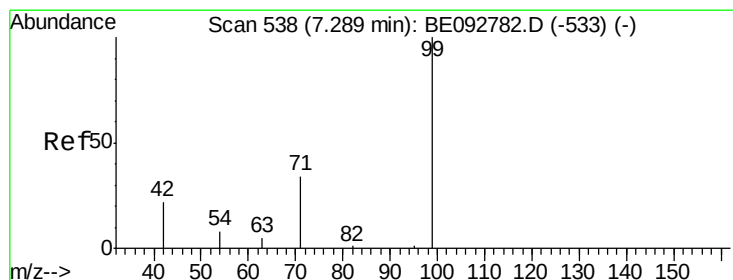
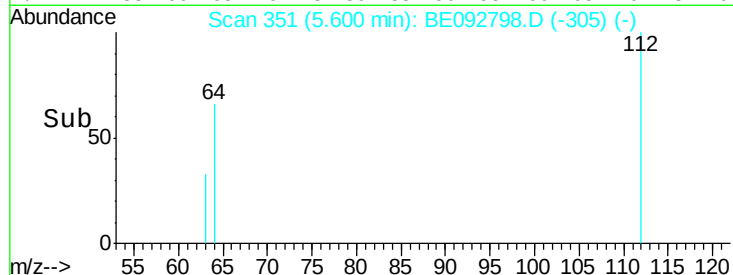
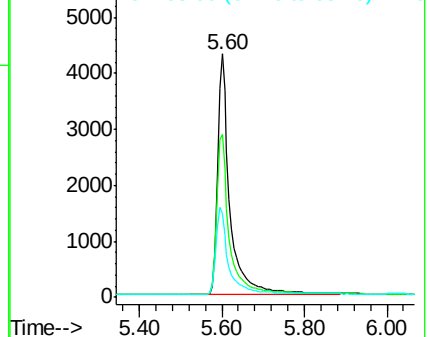
63 36.1 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092798.D (-344) (-)

Ion 64.00 (63.70 to 64.70): BE092798.D (-344) (-)

Ion 63.00 (62.70 to 63.70): BE092798.D (-344) (-)



#5

Phenol-d6

Concen: 2.76 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.04 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

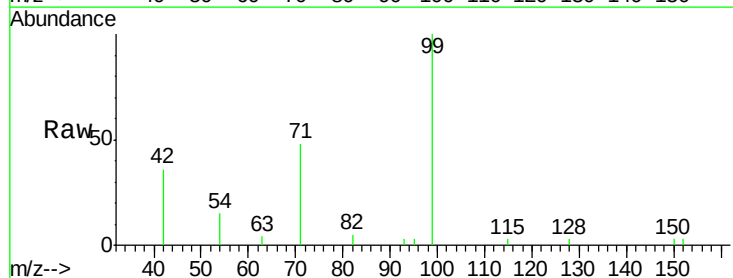
Tgt Ion: 99 Resp: 6580

Ion Ratio Lower Upper

99 100

42 25.3 16.0 24.0#

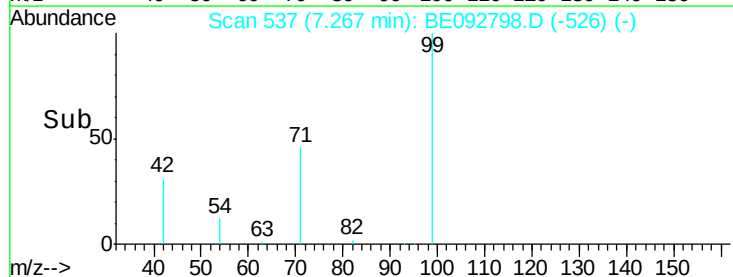
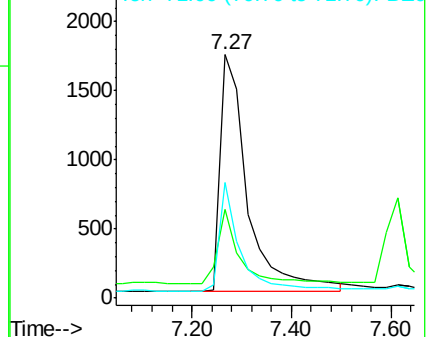
71 35.4 30.6 45.8

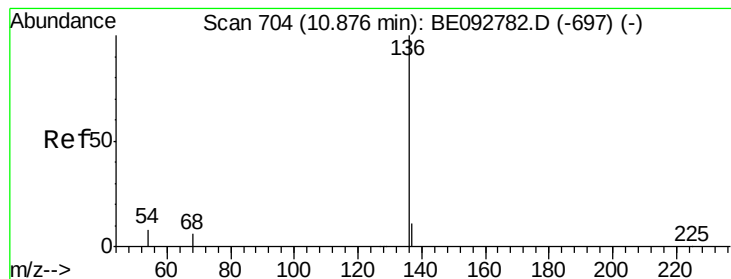


Abundance Ion 99.00 (98.70 to 99.70): BE092798.D (-533) (-)

Ion 42.00 (41.70 to 42.70): BE092798.D (-533) (-)

Ion 71.00 (70.70 to 71.70): BE092798.D (-533) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

Instrument :

BNA_E

ClientSampleId :

CPS123051

Tgt Ion: 136 Resp: 40240

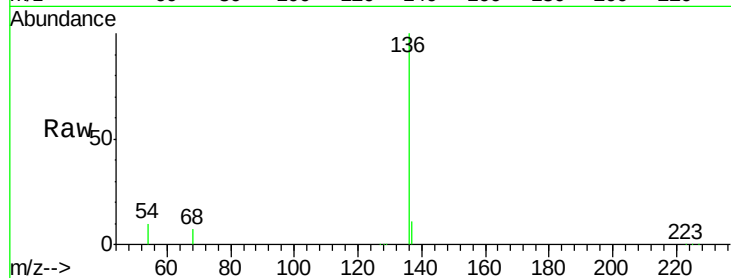
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 10.5 9.6 14.4

68 7.4 6.7 10.1

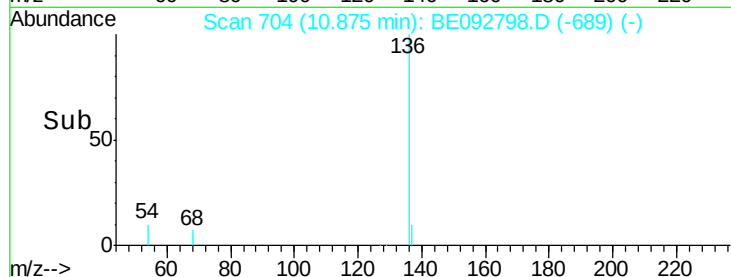


Abundance Ion 136.00 (135.70 to 136.70): E

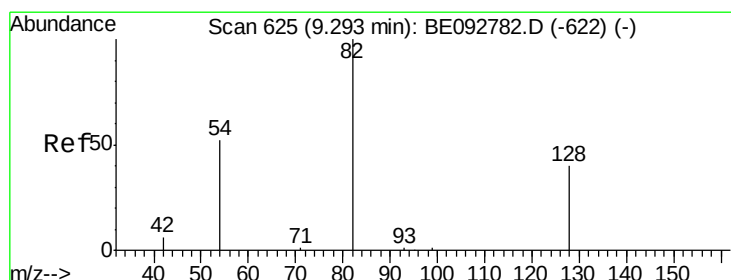
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 5.01 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.04 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

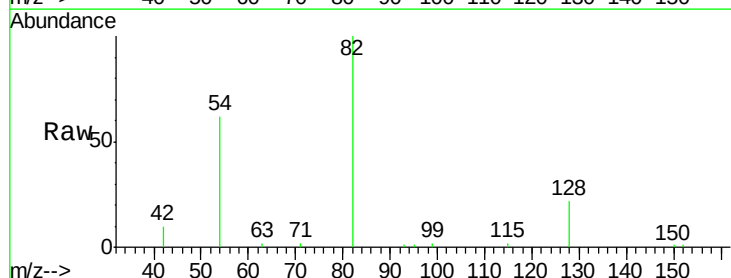
Tgt Ion: 82 Resp: 12315

Ion Ratio Lower Upper

82 100

128 22.1 39.0 58.4#

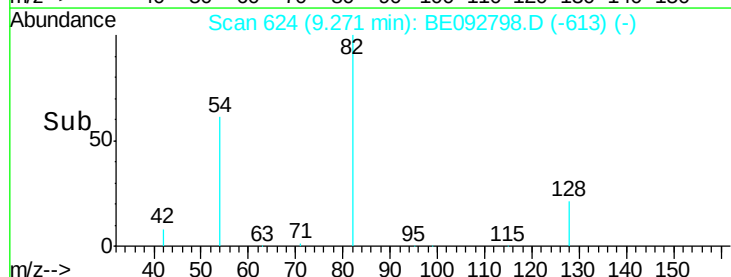
54 62.1 44.8 67.2



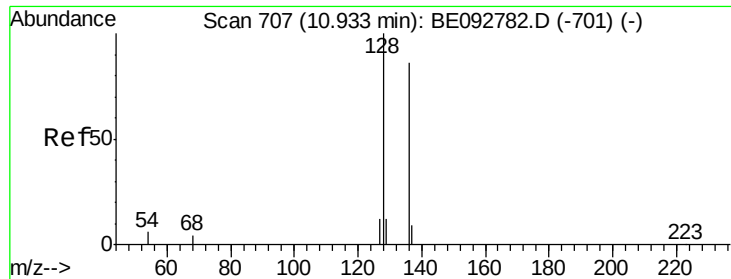
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.02 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

Instrument :

BNA_E

ClientSampleId :

CPS123051

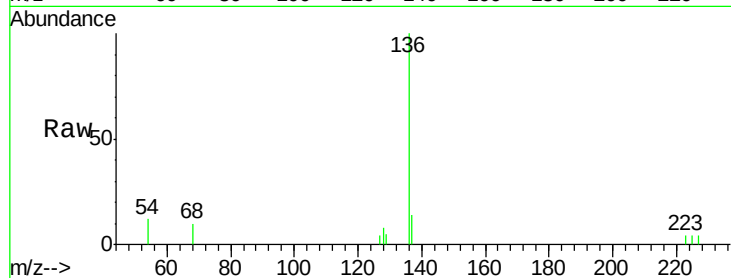
Tgt Ion:128 Resp: 191

Ion Ratio Lower Upper

128 100

129 53.8 11.2 16.8#

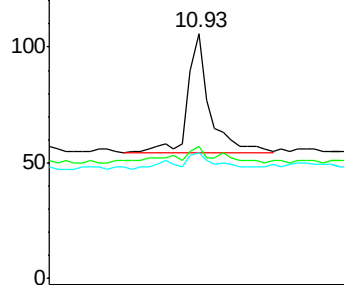
127 50.9 11.6 17.4#



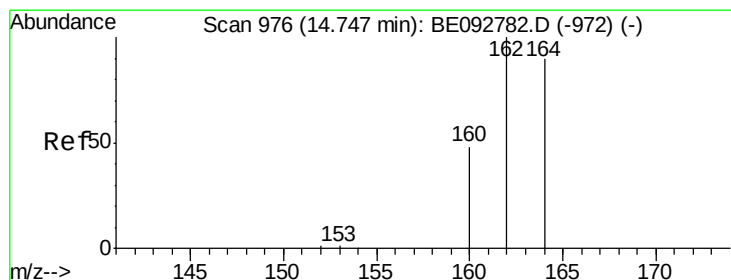
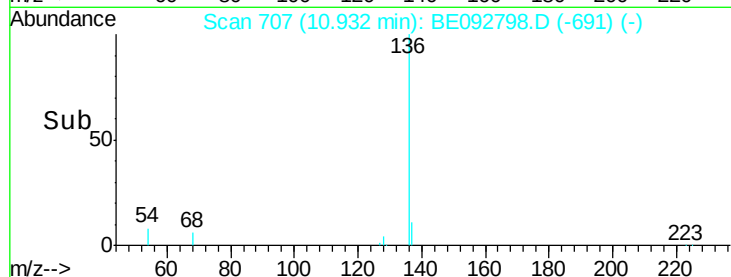
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.60 10.80 11.00 11.20



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 976

Delta R.T. -0.02 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

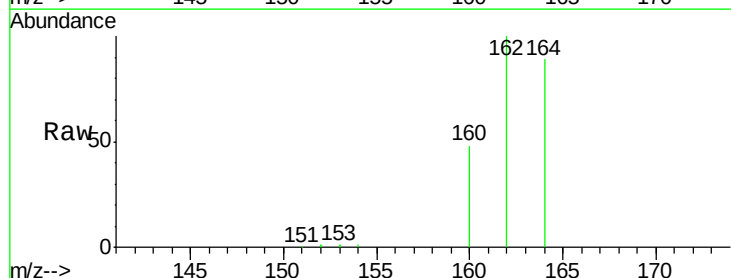
Tgt Ion:164 Resp: 23062

Ion Ratio Lower Upper

164 100

162 112.0 71.4 107.0#

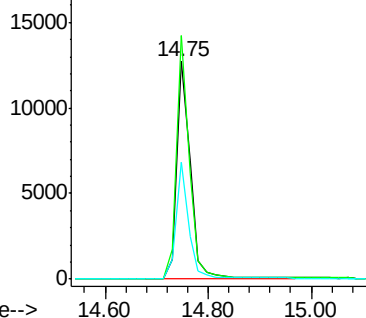
160 53.7 27.4 41.2#



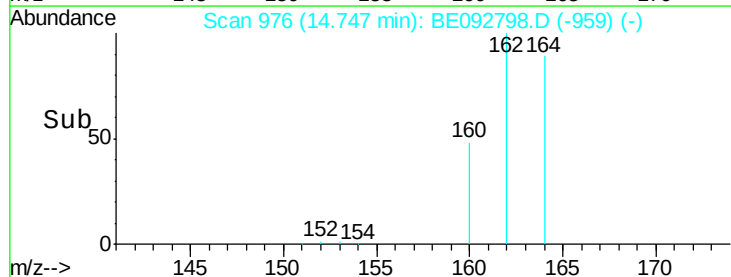
Abundance Ion 164.00 (163.70 to 164.70): E

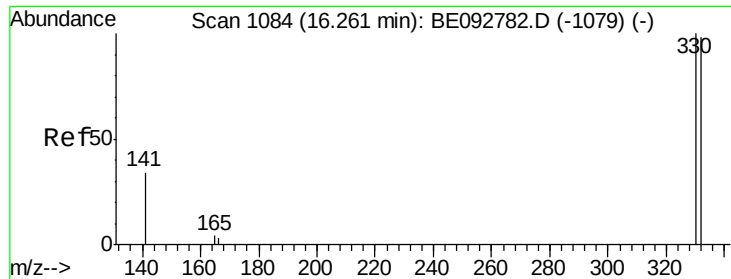
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.60 14.80 15.00

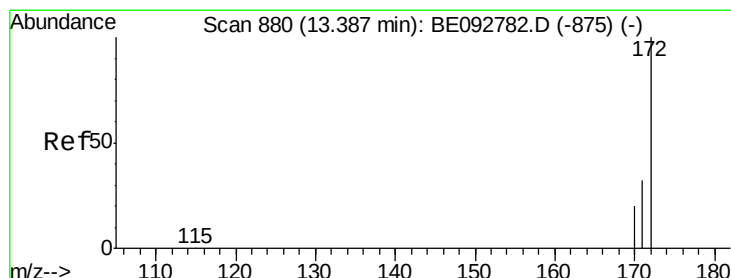
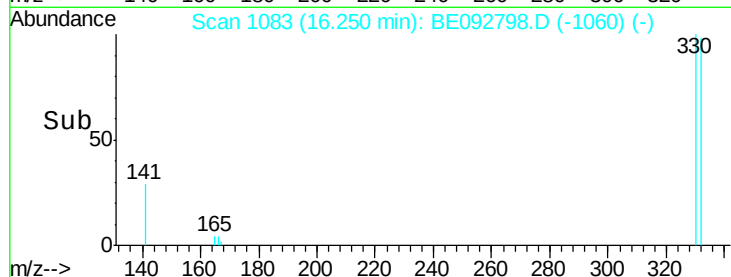
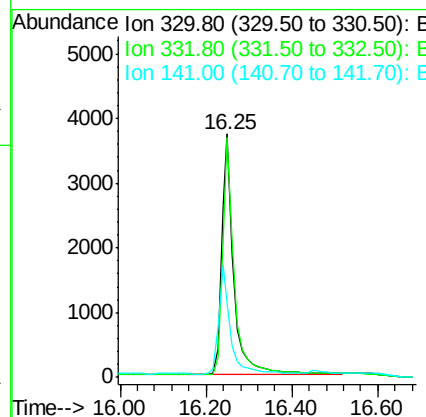
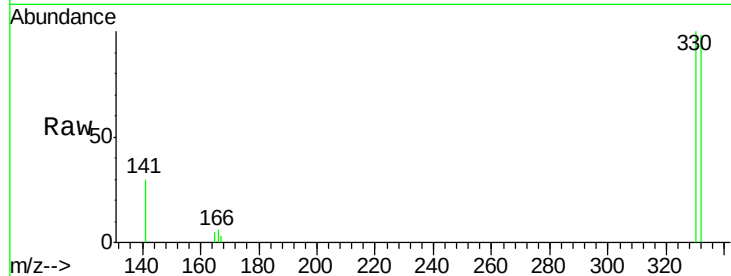




#13
 2,4,6-Tribromophenol
 Concen: 12.38 ng
 RT: 16.25 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BE092798.D
 Acq: 6 Mar 2017 22:01

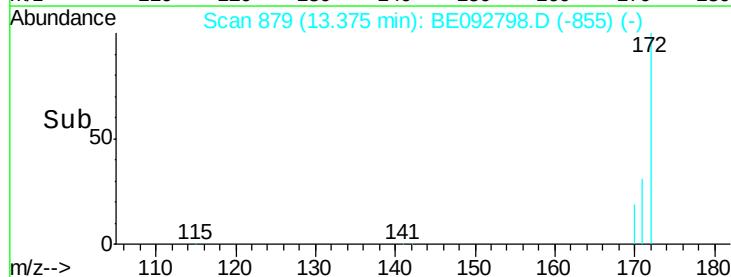
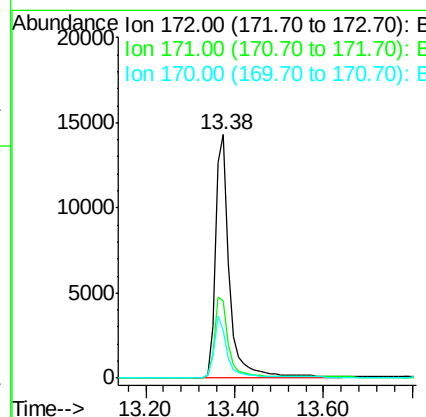
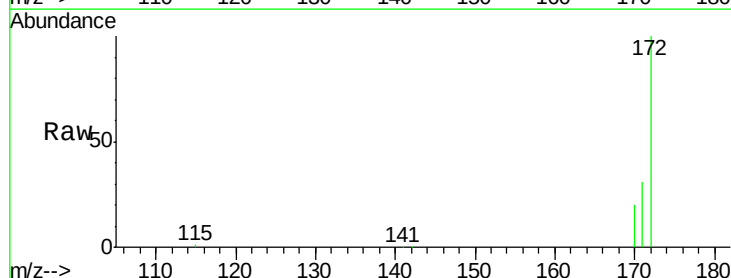
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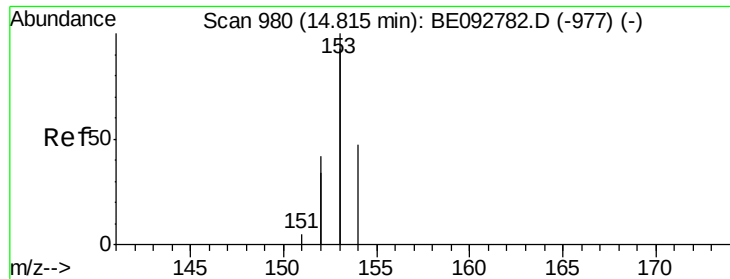
Tgt Ion:330 Resp: 7514
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 43.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.68 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092798.D
 Acq: 6 Mar 2017 22:01

Tgt Ion:172 Resp: 30878
 Ion Ratio Lower Upper
 172 100
 171 31.5 30.1 45.1
 170 19.6 21.8 32.6#





#16

Acenaphthene

Concen: 0.02 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

Instrument :

BNA_E

ClientSampleId :

CPS123051

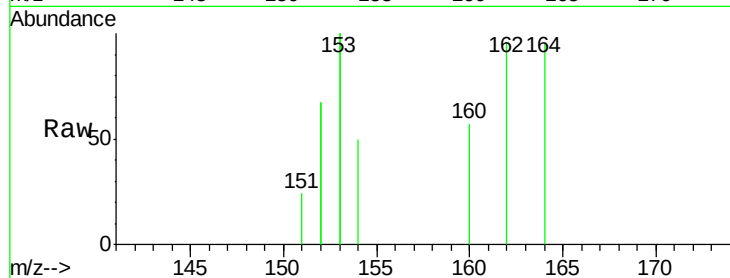
Tgt Ion:154 Resp: 110

Ion Ratio Lower Upper

154 100

153 453.6 350.8 526.2

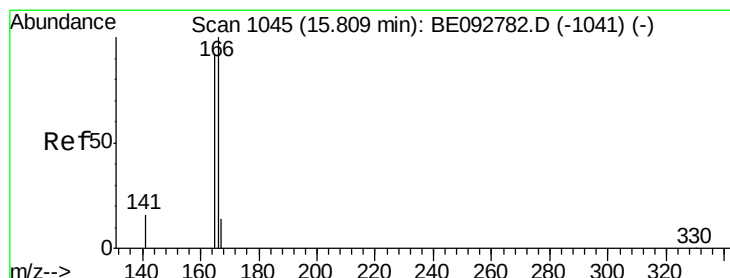
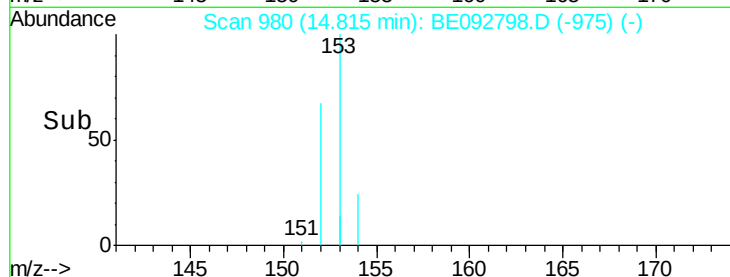
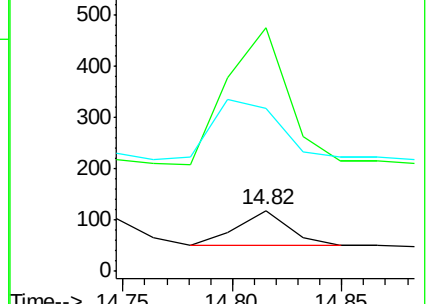
152 224.5 171.1 256.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#17

Fluorene

Concen: 0.04 ng

RT: 15.81 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

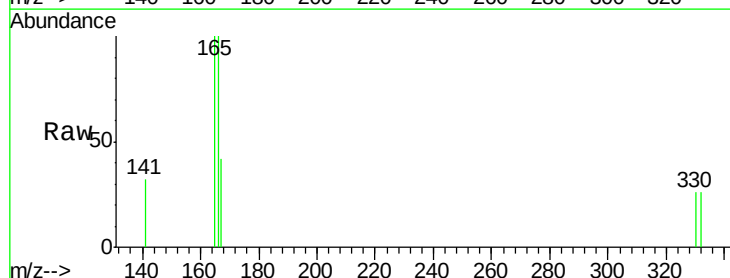
Tgt Ion:166 Resp: 239

Ion Ratio Lower Upper

166 100

165 103.8 78.2 117.4

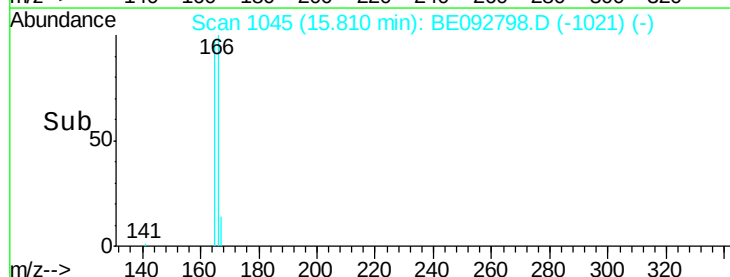
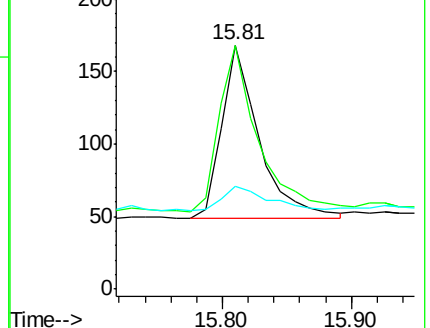
167 14.6 11.0 16.4

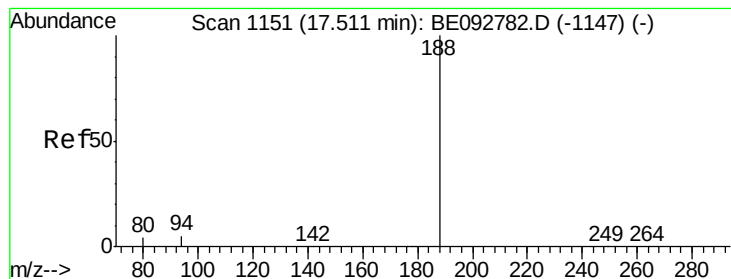


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

Instrument :

BNA_E

ClientSampleId :

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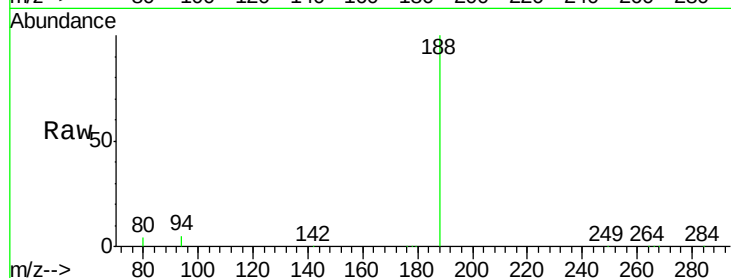
Tgt Ion:188 Resp: 56226

Ion Ratio Lower Upper

188 100

94 4.9 3.2 4.8#

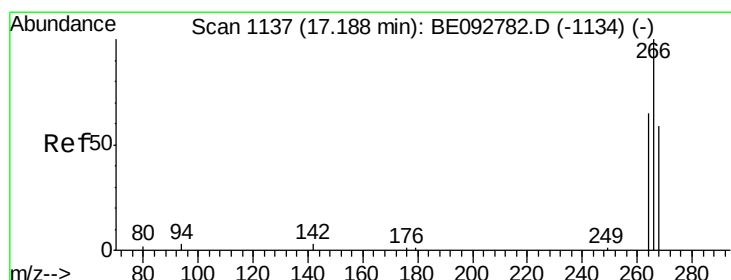
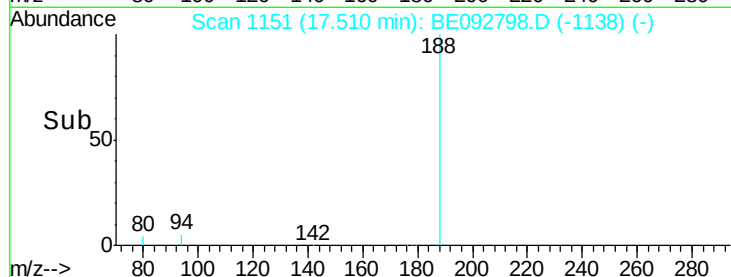
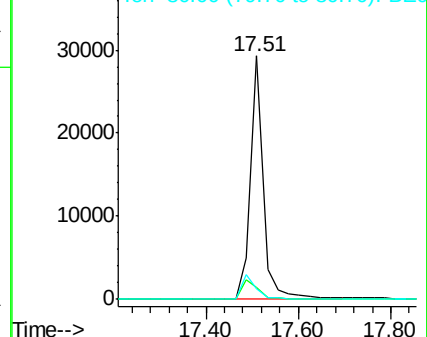
80 4.4 2.6 3.8#



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



#20

Pentachlorophenol

Concen: 0.19 ng

RT: 17.21 min Scan# 1138

Delta R.T. -0.09 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

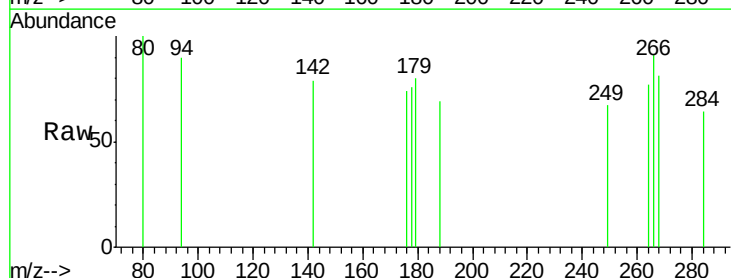
Tgt Ion:266 Resp: 87

Ion Ratio Lower Upper

266 100

268 89.1 62.5 93.7

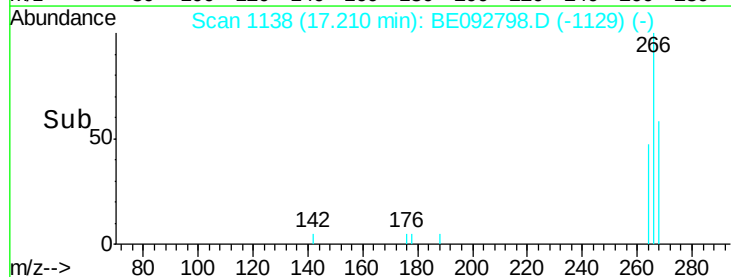
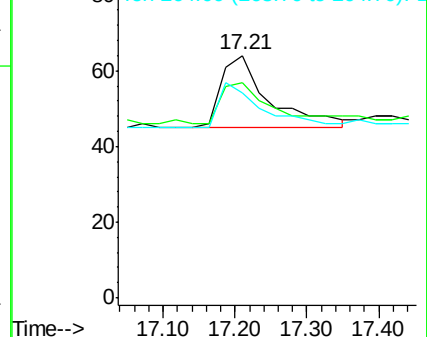
264 84.4 57.2 85.8

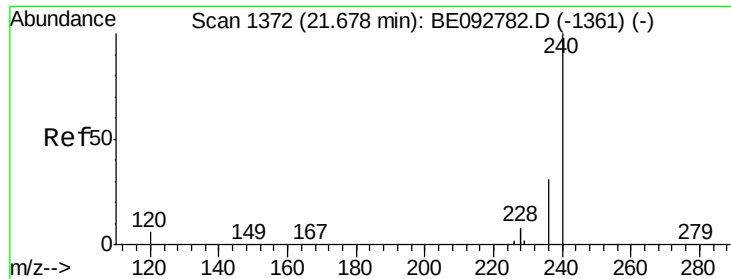


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

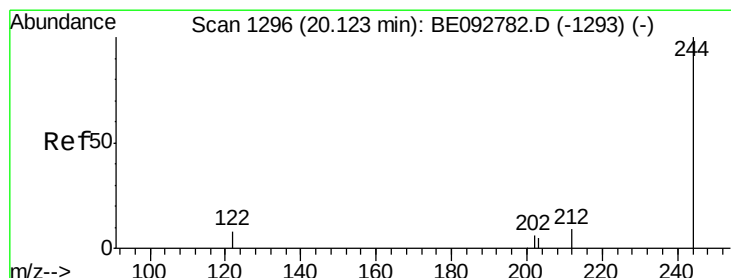
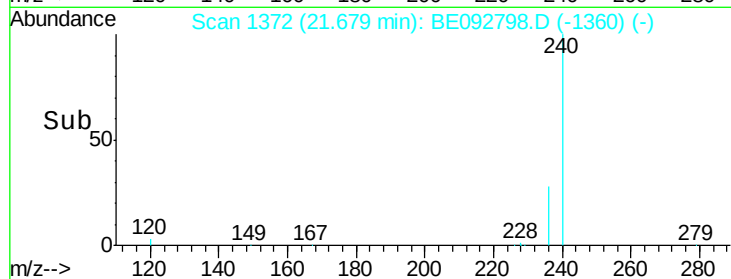
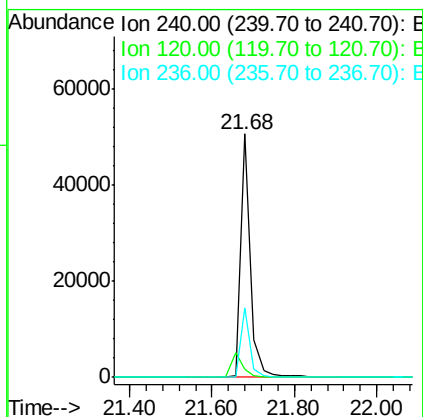
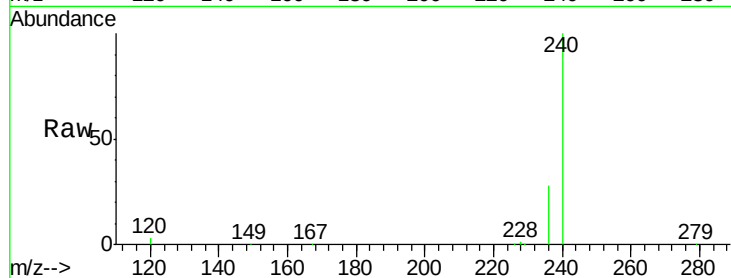




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.68 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BE092798.D
 Acq: 6 Mar 2017 22:01

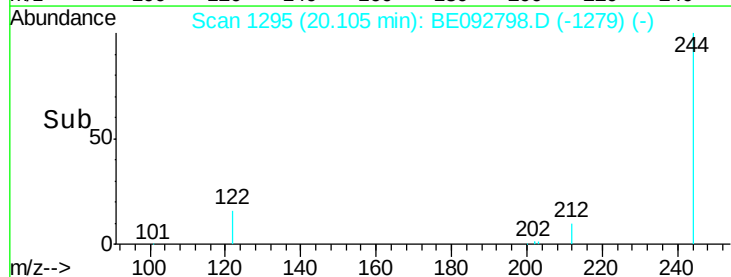
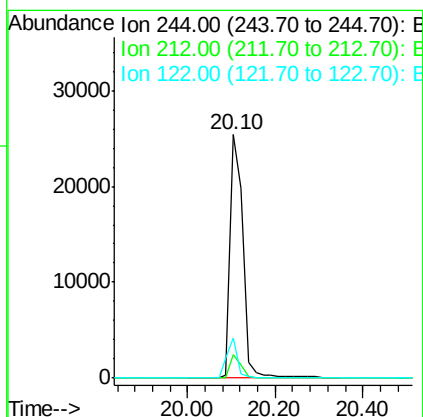
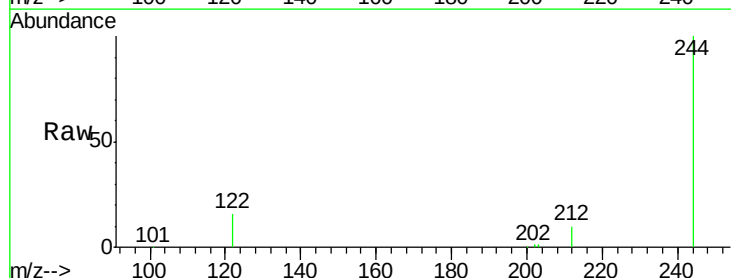
Instrument :
 BNA_E
 ClientSampleId :
 CPS123051

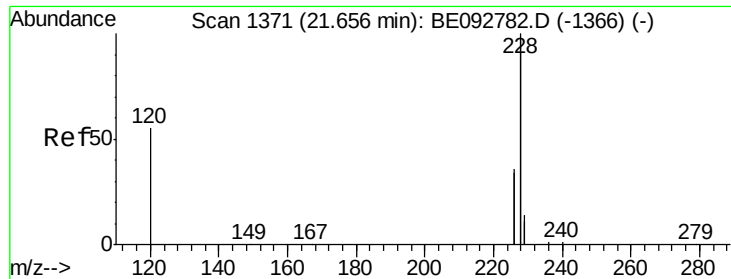
Tgt Ion:240 Resp: 84325
 Ion Ratio Lower Upper
 240 100
 120 3.4 2.6 4.0
 236 28.5 24.6 37.0



#26
 Terphenyl-d14
 Concen: 4.91 ng
 RT: 20.10 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BE092798.D
 Acq: 6 Mar 2017 22:01

Tgt Ion:244 Resp: 50001
 Ion Ratio Lower Upper
 244 100
 212 9.8 6.7 10.1
 122 16.5 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.09 ng

RT: 21.68 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

Instrument :

BNA_E

ClientSampleId :

CPS123051

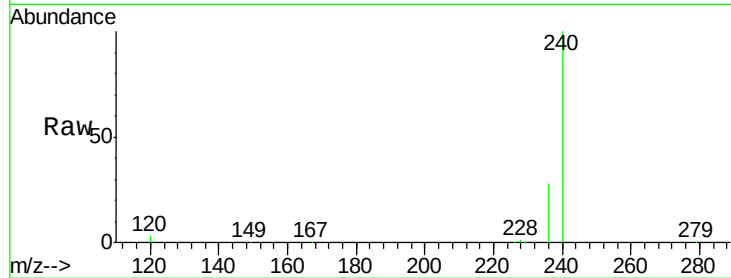
Tgt Ion:228 Resp: 1736

Ion Ratio Lower Upper

228 100

226 34.8 23.6 35.4

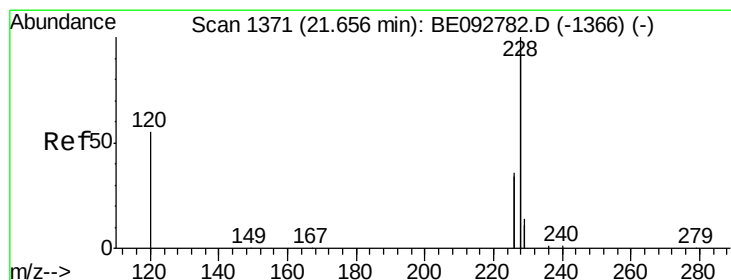
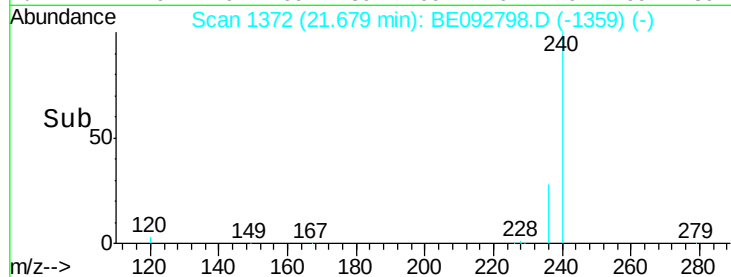
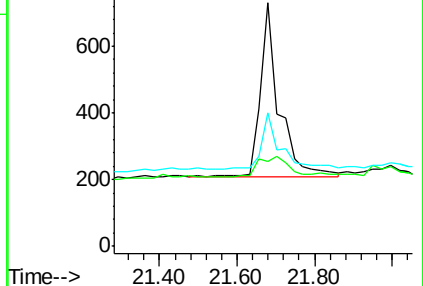
229 54.8 13.3 19.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.02 ng

RT: 21.68 min Scan# 1372

Delta R.T. -0.04 min

Lab File: BE092798.D

Acq: 6 Mar 2017 22:01

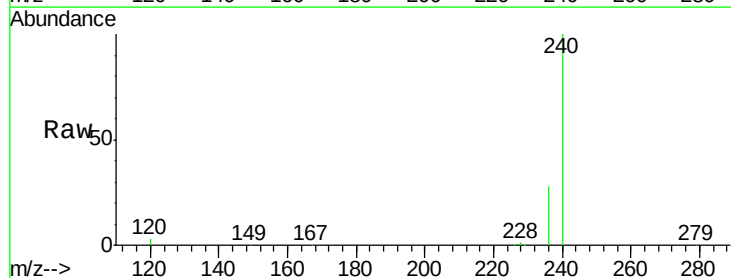
Tgt Ion:228 Resp: 1771

Ion Ratio Lower Upper

228 100

226 34.8 36.3 54.5#

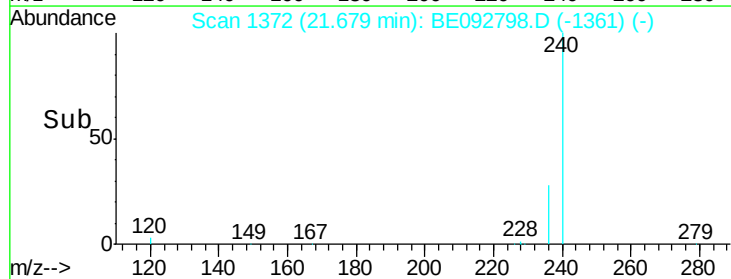
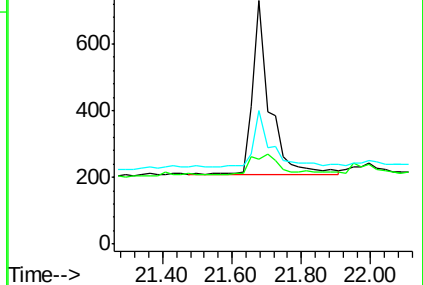
229 54.8 10.6 16.0#

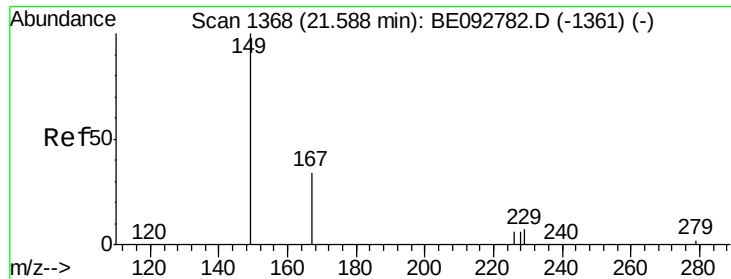


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

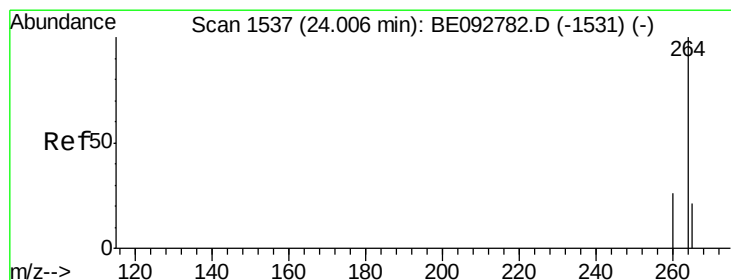
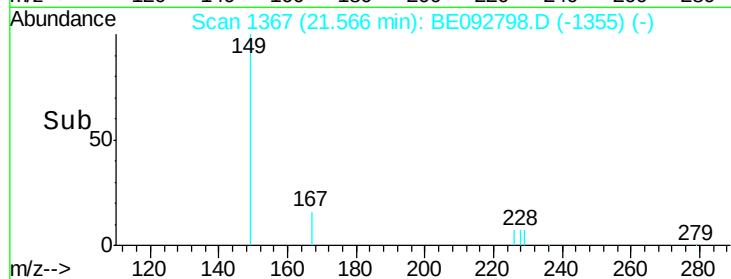
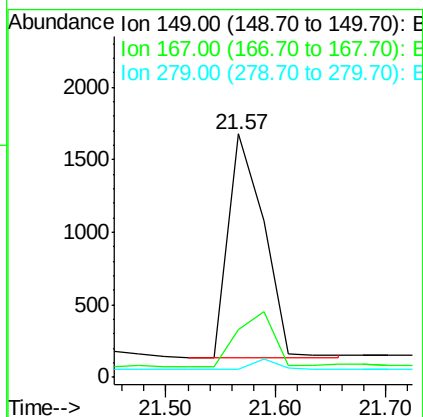
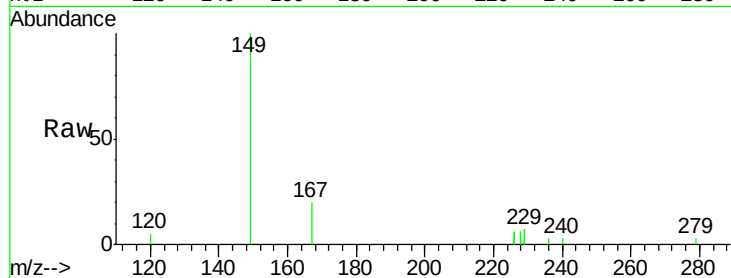




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.51 ng
 RT: 21.57 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BE092798.D
 Acq: 6 Mar 2017 22:01

Instrument :
 BNA_E
 ClientSampleId :
 CPS123051

Tgt Ion:149 Resp: 3449
 Ion Ratio Lower Upper
 149 100
 167 0.0 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.01 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BE092798.D
 Acq: 6 Mar 2017 22:01

Tgt Ion:264 Resp: 68607
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.7 17.9 26.9

