

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120916\
 Data File : BE092590.D
 Acq On : 9 Dec 2016 12:55
 Operator : UM/SJ
 Sample : PB95153BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95153BL

Quant Time: Dec 09 23:06:55 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

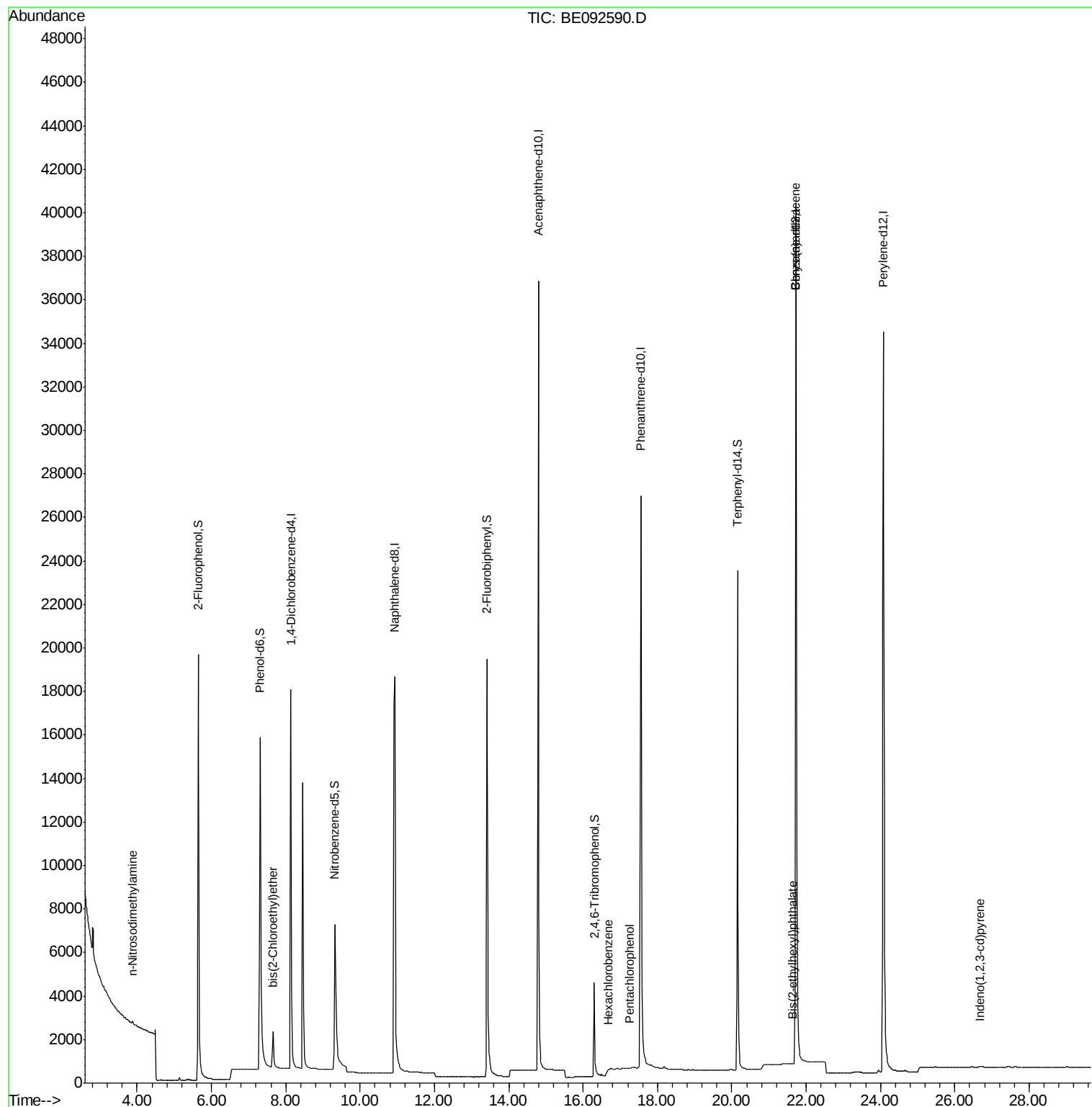
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10102	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	41051	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24805	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	50401	5.00	ng	0.00
24) Chrysene-d12	21.72	240	55528	5.00	ng	0.00
31) Perylene-d12	24.08	264	55199	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	18302	10.73	ng	-0.03
5) Phenol-d6	7.31	99	23316	8.19	ng	-0.05
8) Nitrobenzene-d5	9.32	82	10949	4.12	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	3939	7.08	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	26101	4.32	ng	-0.02
26) Terphenyl-d14	20.16	244	31153	4.91	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.87	42	67	0.22	ng	# 7
6) bis(2-Chloroethyl)ether	7.66	93	32	0.05	ng	# 1
19) Hexachlorobenzene	16.68	284	411	0.21	ng	# 39
20) Pentachlorophenol	17.26	266	10	0.04	ng	# 70
27) Benzo(a)anthracene	21.72	228	747	0.11	ng	# 55
29) Bis(2-ethylhexyl)phthalate	21.63	149	109	0.15	ng	# 82
30) Indeno(1,2,3-cd)pyrene	26.68	276	249	0.05	ng	# 90

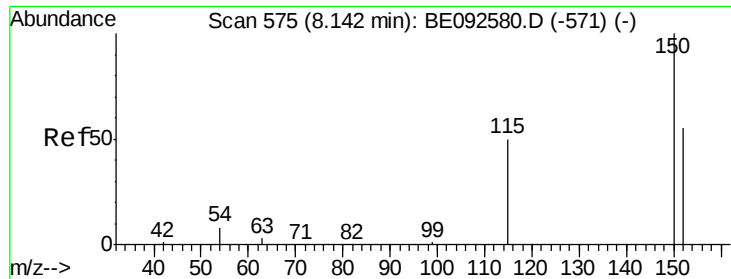
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

Instrument :

BNA_E

ClientSampleId :

PB95153BL

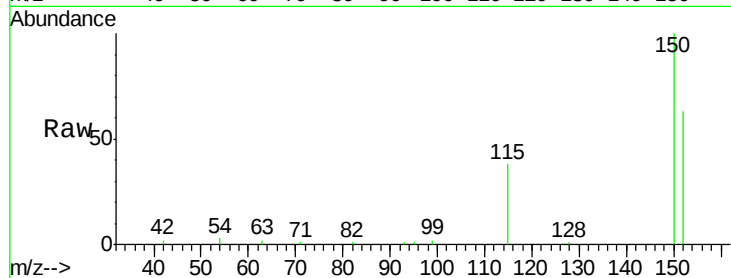
Tgt Ion:152 Resp: 10102

Ion Ratio Lower Upper

152 100

150 157.5 106.0 159.0

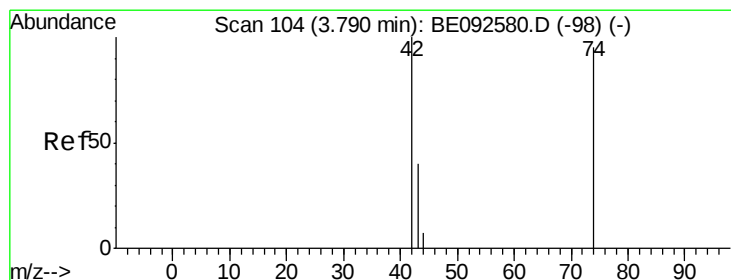
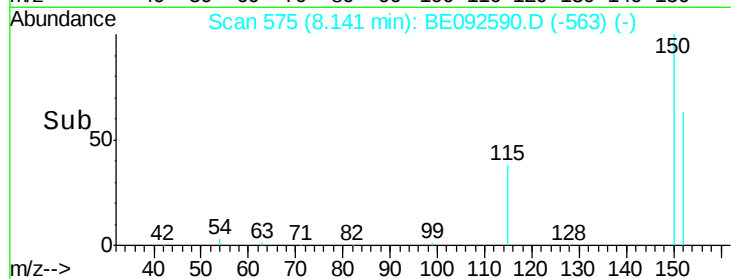
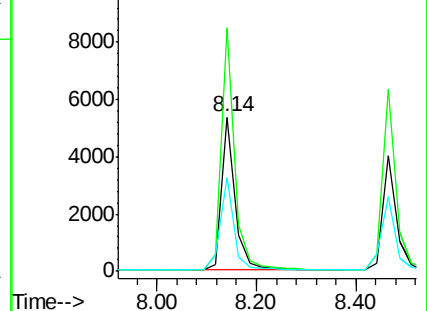
115 60.5 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.87 min Scan# 111

Delta R.T. 0.09 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

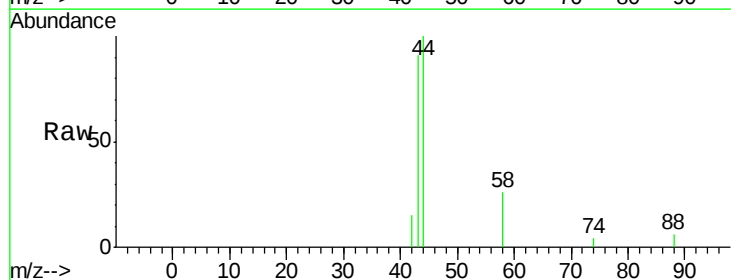
Tgt Ion: 42 Resp: 67

Ion Ratio Lower Upper

42 100

74 6.0 86.0 129.0#

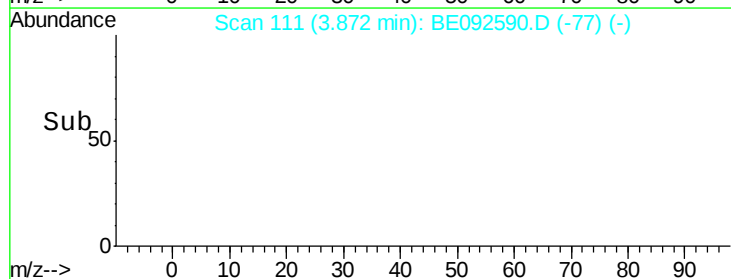
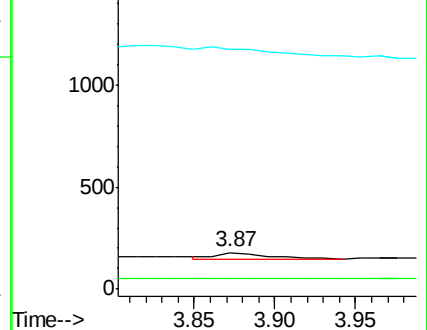
44 0.0 5.1 7.7#

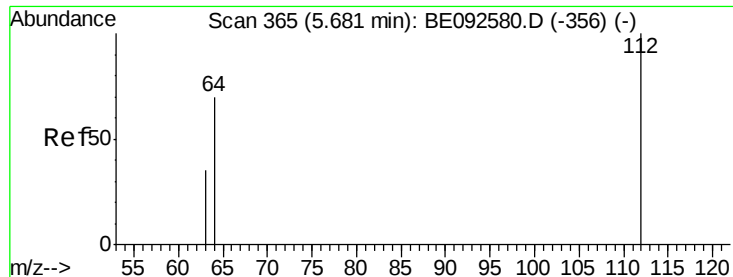


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 10.73 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.03 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

Instrument :

BNA_E

ClientSampleId :

PB95153BL

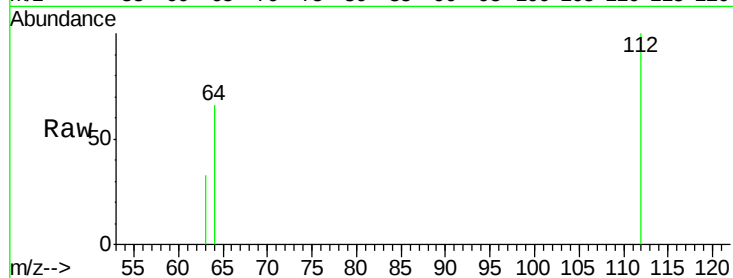
Tgt Ion: 112 Resp: 18302

Ion Ratio Lower Upper

112 100

64 68.2 53.5 80.3

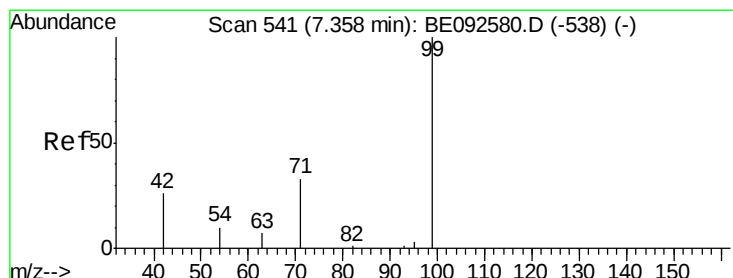
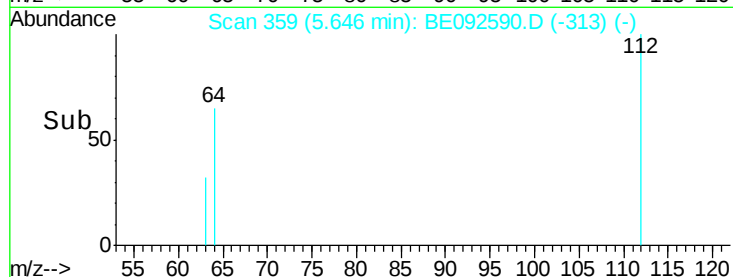
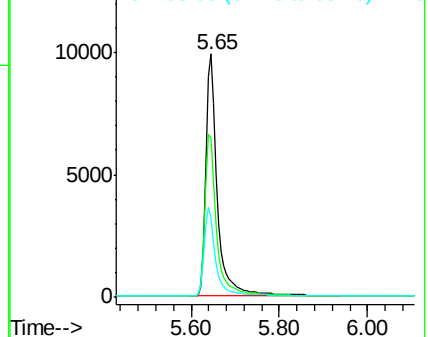
63 36.8 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 8.19 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

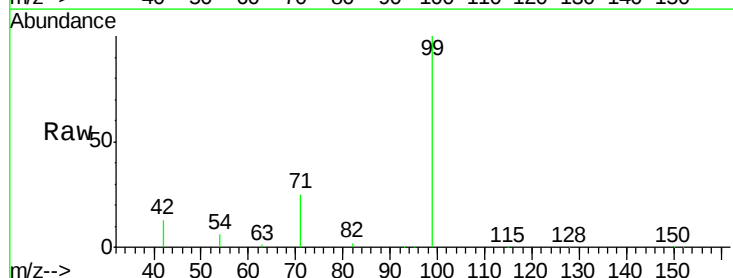
Tgt Ion: 99 Resp: 23316

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

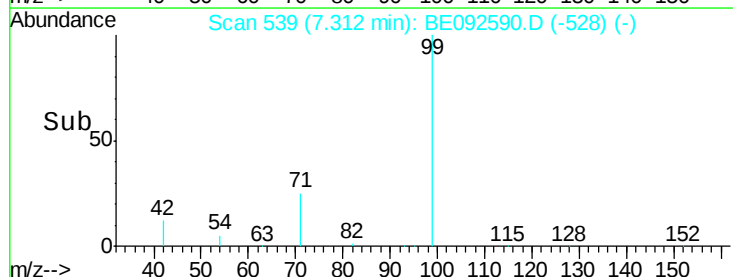
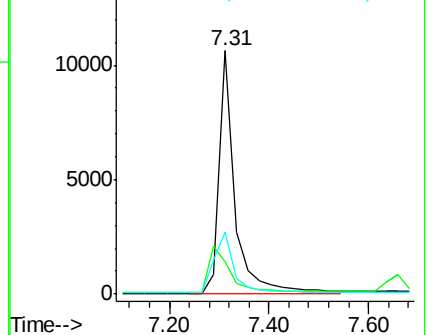
71 32.8 30.6 45.8

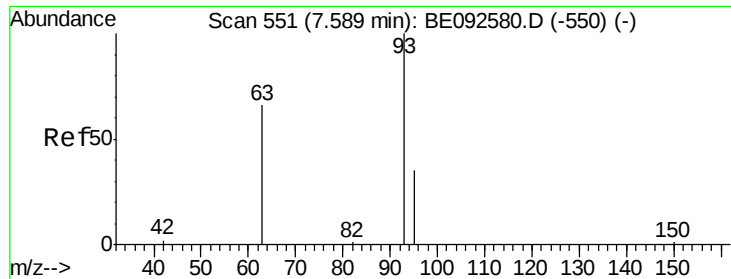


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.05 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

Instrument :

BNA_E

ClientSampleId :

PB95153BL

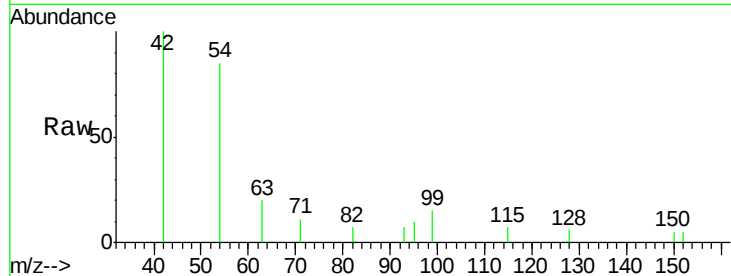
Tgt Ion: 93 Resp: 32

Ion Ratio Lower Upper

93 100

63 803.1 71.6 107.4#

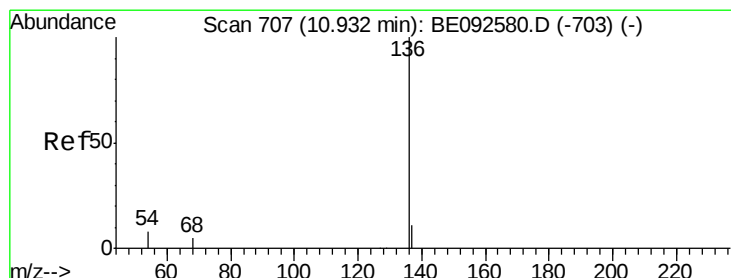
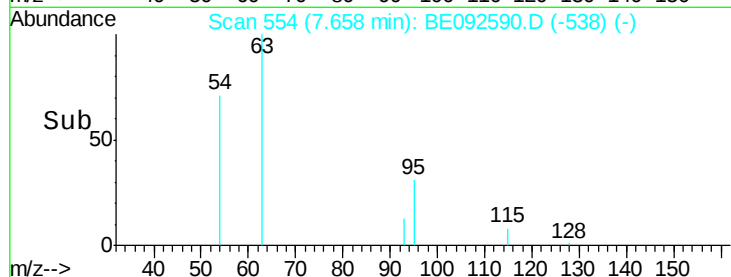
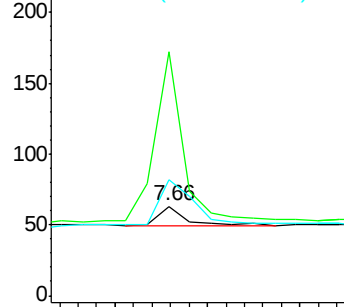
95 293.8 24.0 36.0#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

Tgt Ion: 136 Resp: 41051

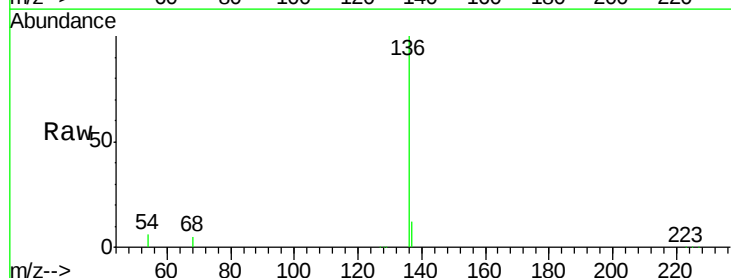
Ion Ratio Lower Upper

136 100

137 11.9 8.2 12.4

54 6.0 9.6 14.4#

68 4.5 6.7 10.1#

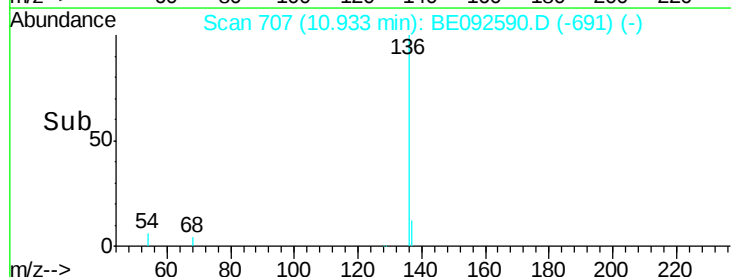
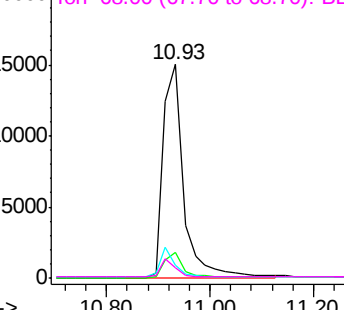


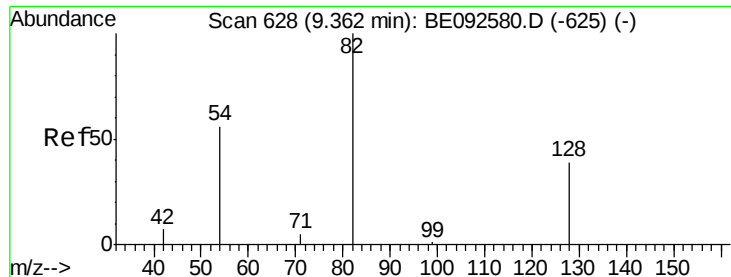
Abundance Ion 136.00 (135.70 to 136.70): E

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

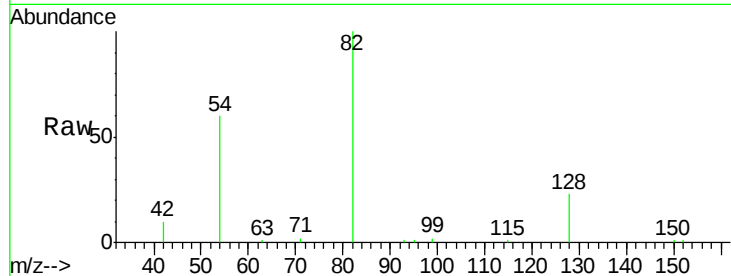




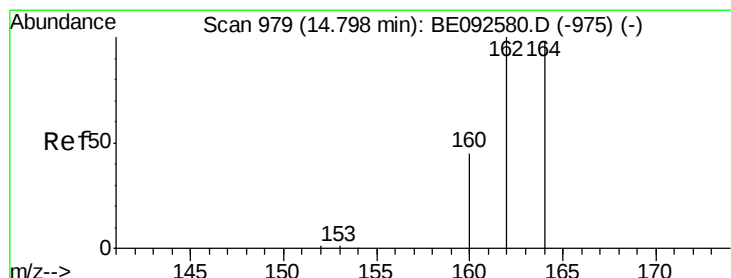
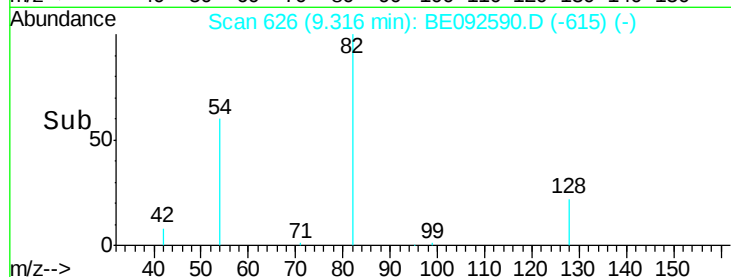
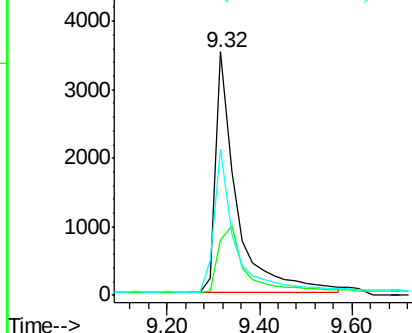
#8
 Nitrobenzene-d5
 Concen: 4.12 ng
 RT: 9.32 min Scan# 626
 Delta R.T. -0.05 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

Instrument :
 BNA_E
 ClientSampleId :
 PB95153BL

Tgt Ion: 82 Resp: 10949
 Ion Ratio Lower Upper
 82 100
 128 22.8 39.0 58.4#
 54 60.2 44.8 67.2

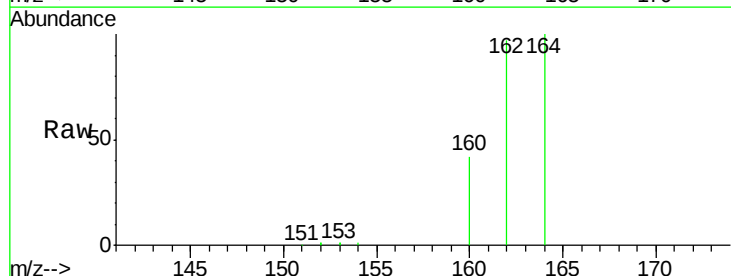


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

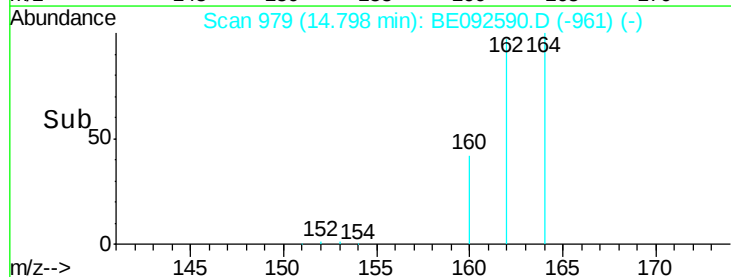
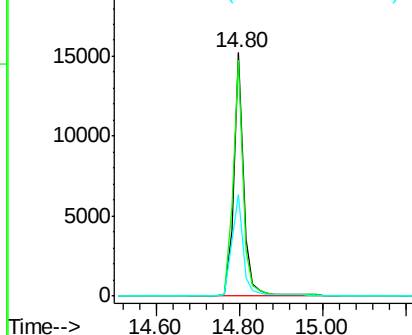


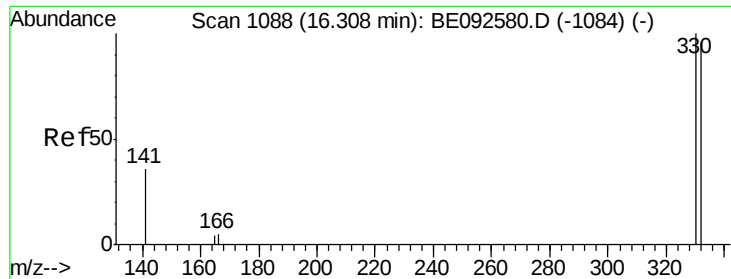
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.80 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

Tgt Ion: 164 Resp: 24805
 Ion Ratio Lower Upper
 164 100
 162 97.1 71.4 107.0
 160 41.7 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

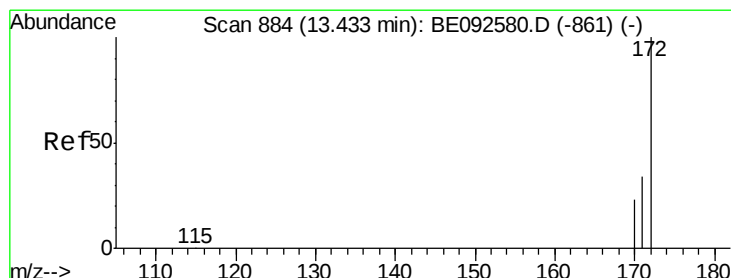
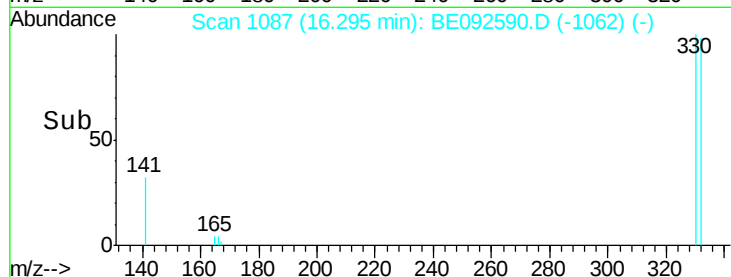
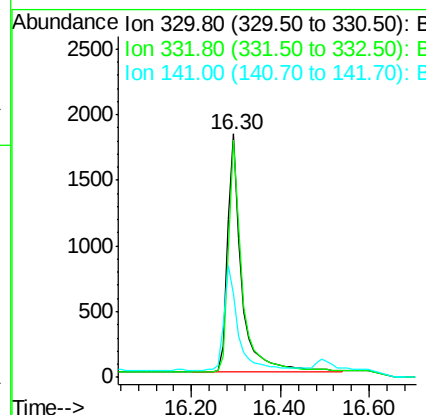
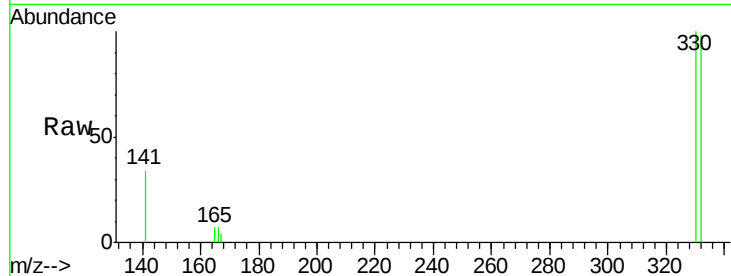




#13
 2,4,6-Tribromophenol
 Concen: 7.08 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

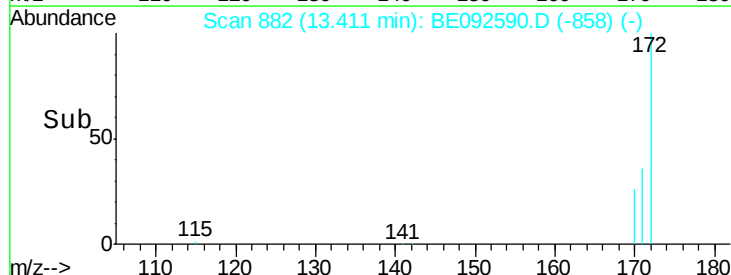
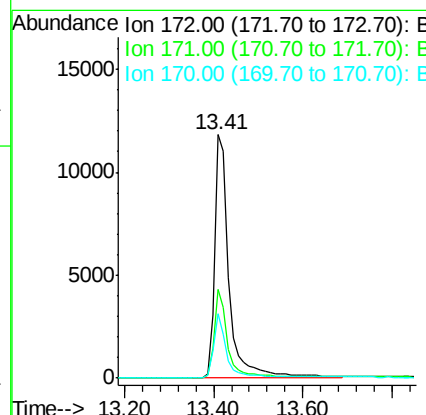
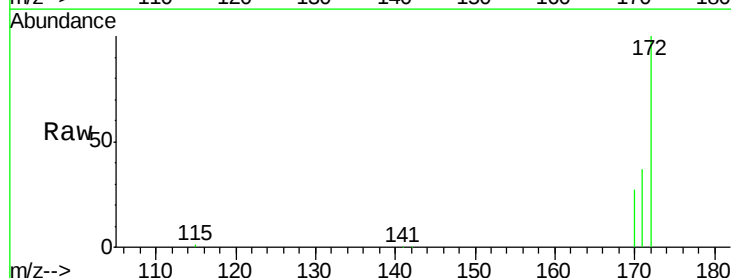
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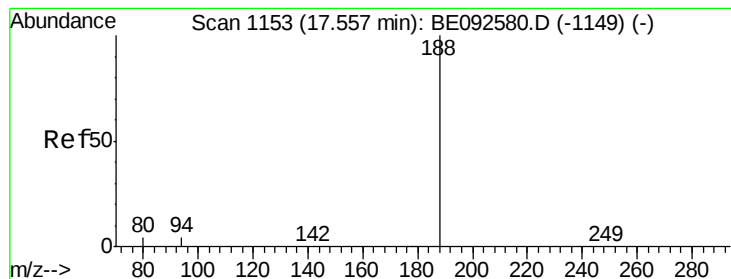
Tgt Ion: 330 Resp: 3939
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 45.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.32 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

Tgt Ion: 172 Resp: 26101
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.1 45.1
 170 26.5 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

Instrument :

BNA_E

ClientSampleId :

PB95153BL

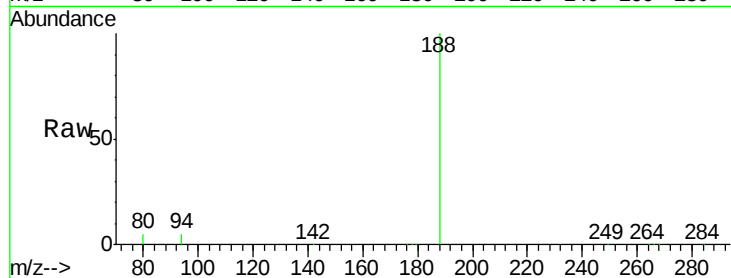
Tgt Ion:188 Resp: 50401

Ion Ratio Lower Upper

188 100

94 5.0 3.2 4.8#

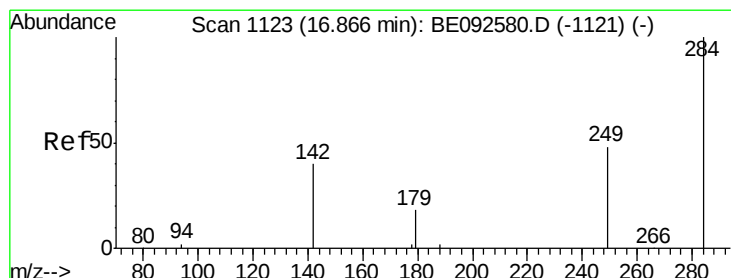
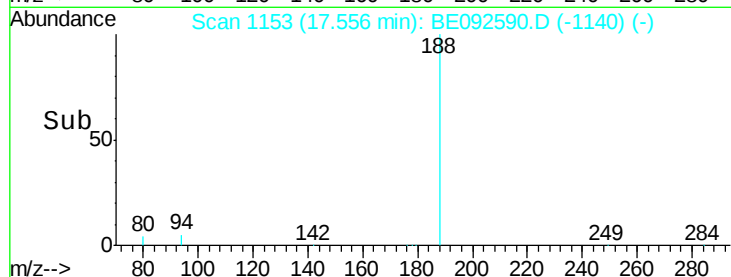
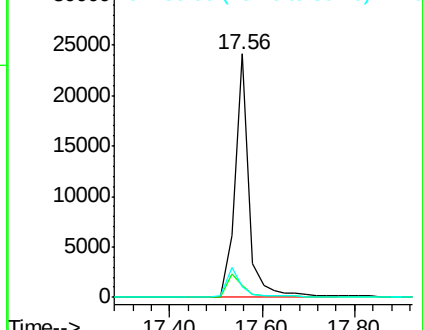
80 4.6 2.6 3.8#



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



#19

Hexachlorobenzene

Concen: 0.21 ng

RT: 16.68 min Scan# 1115

Delta R.T. -0.18 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

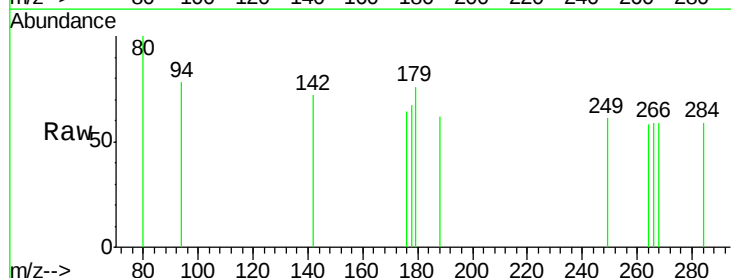
Tgt Ion:284 Resp: 411

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

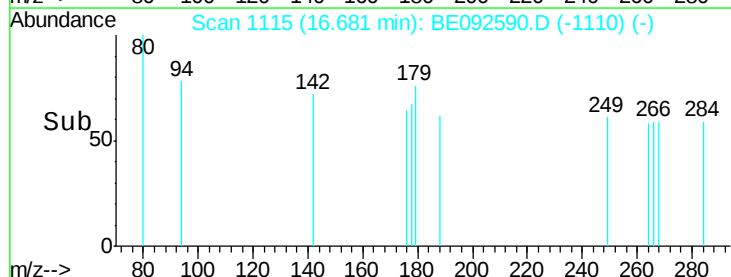
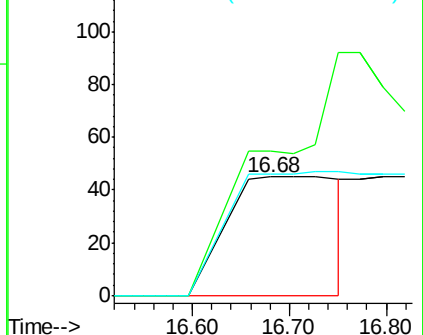
249 0.0 27.9 41.9#

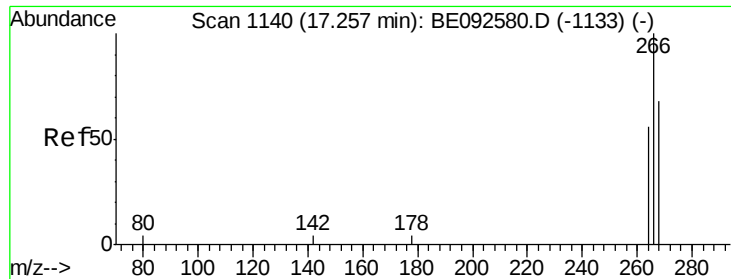


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#20

Pentachlorophenol

Concen: 0.04 ng

RT: 17.26 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

Instrument :

BNA_E

ClientSampled :

PB95153BL

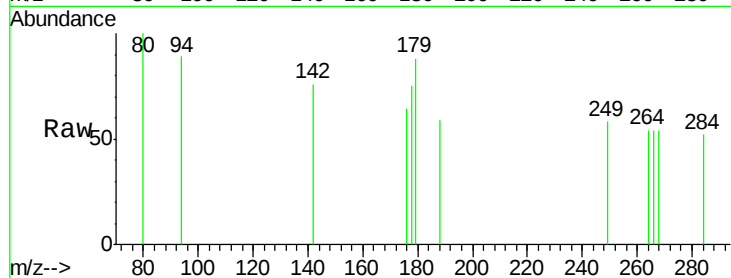
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

264 100.0 57.2 85.8#



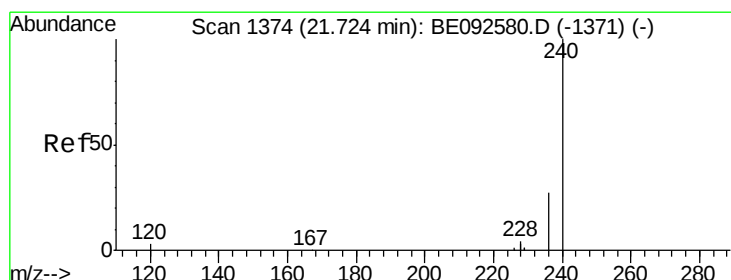
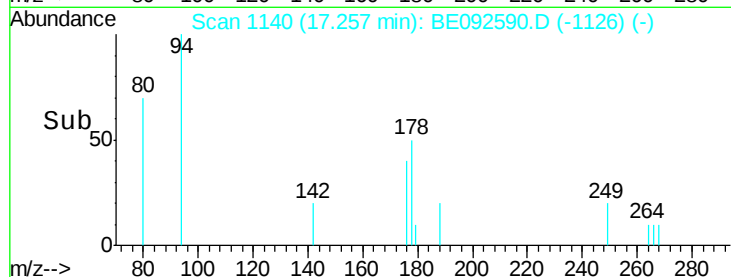
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

17.26

Time-->



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092590.D

Acq: 9 Dec 2016 12:55

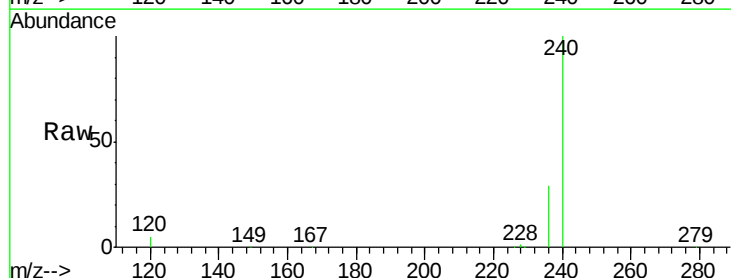
Tgt Ion:240 Resp: 55528

Ion Ratio Lower Upper

240 100

120 4.8 2.6 4.0#

236 28.8 24.6 37.0



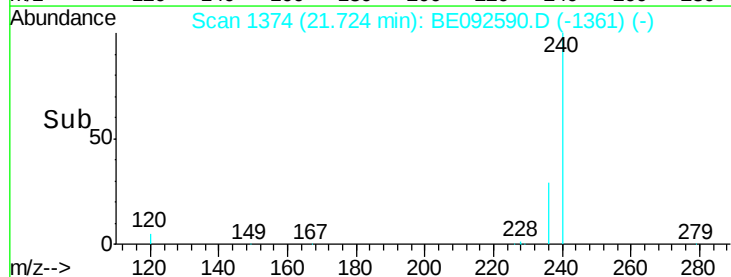
Abundance Ion 240.00 (239.70 to 240.70): E

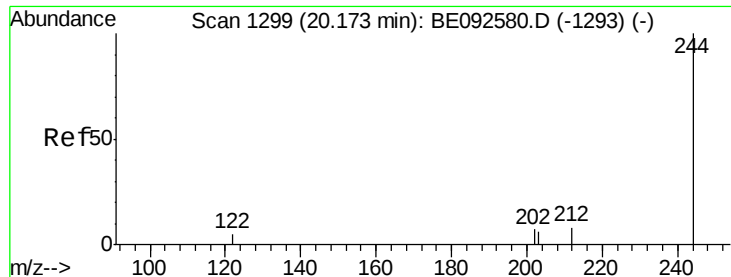
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.72

Time-->

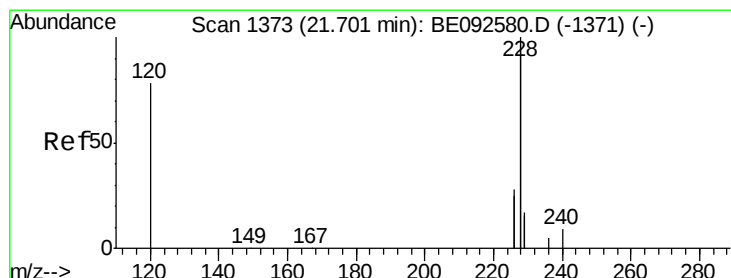
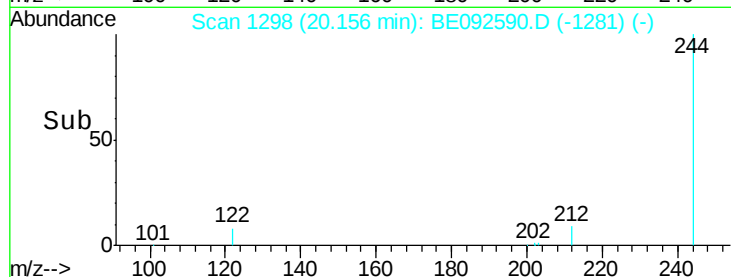
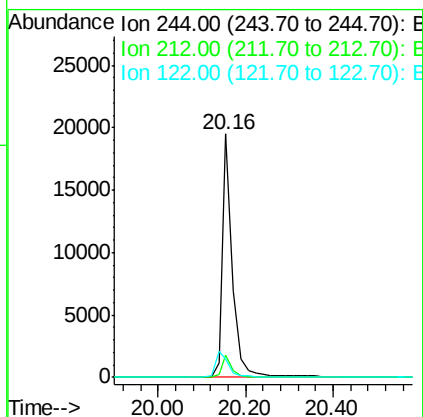
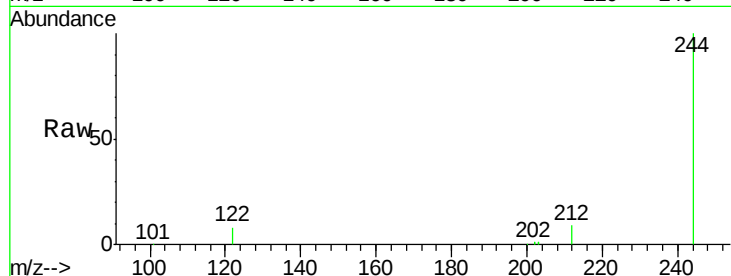




#26
 Terphenyl-d14
 Concen: 4.91 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

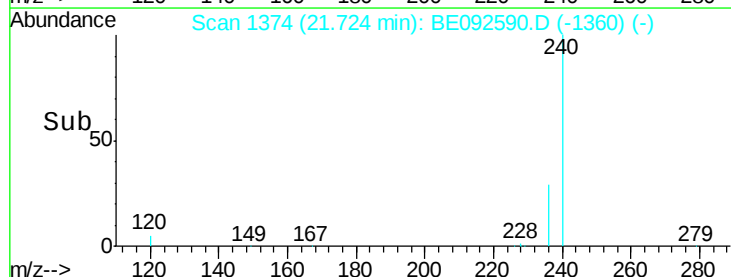
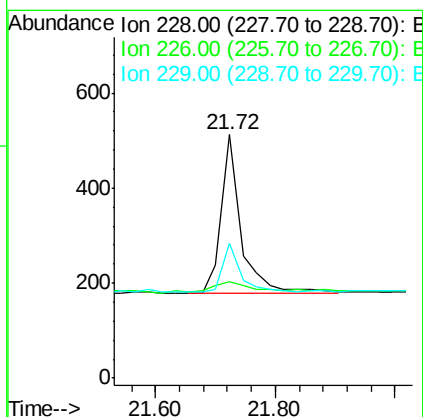
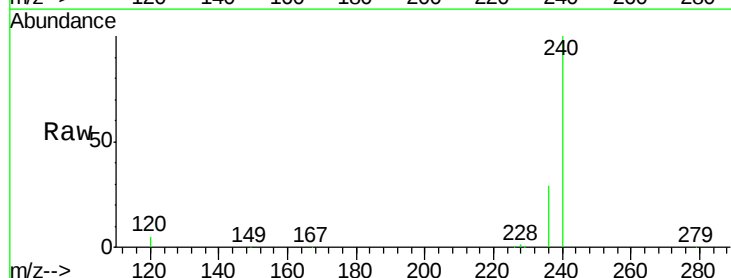
Instrument :
 BNA_E
 ClientSampleId :
 PB95153BL

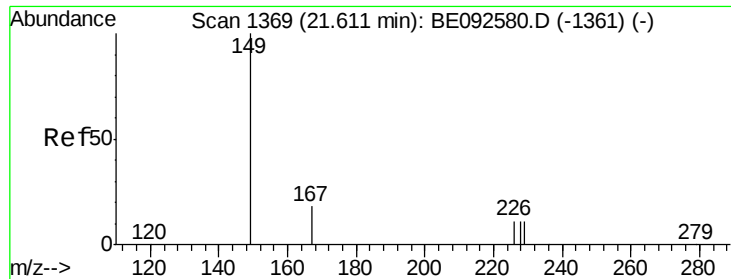
Tgt Ion:244 Resp: 31153
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.7 10.1
 122 7.8 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.11 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.02 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

Tgt Ion:228 Resp: 747
 Ion Ratio Lower Upper
 228 100
 226 39.8 23.6 35.4#
 229 55.5 13.3 19.9#

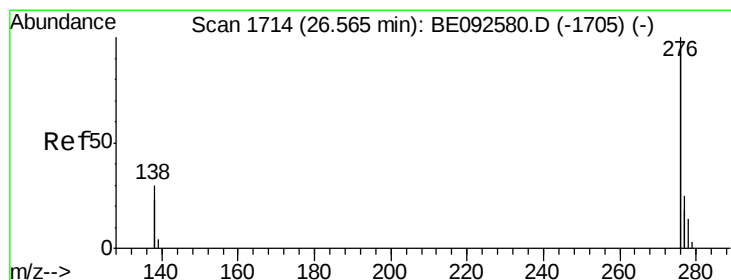
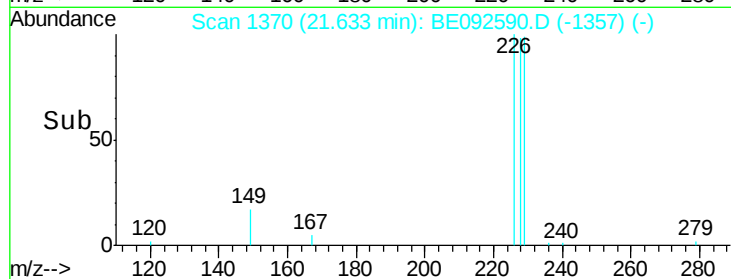
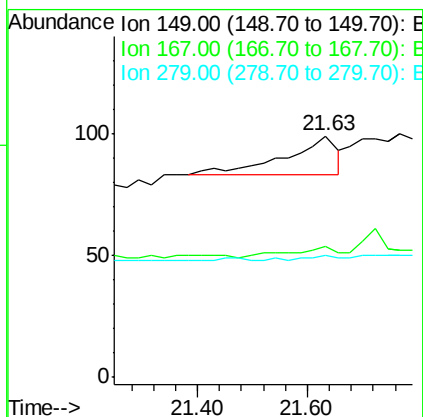
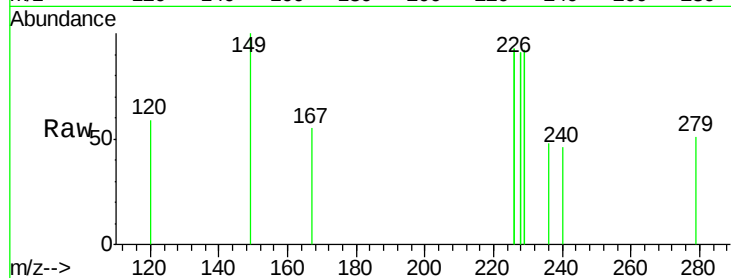




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

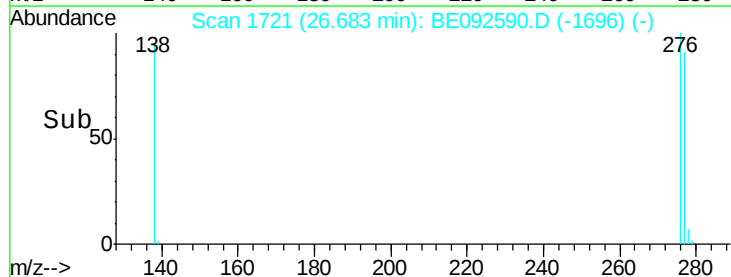
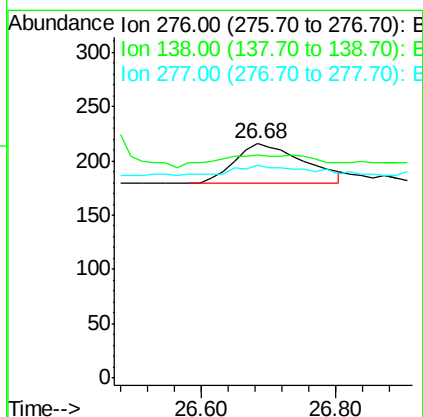
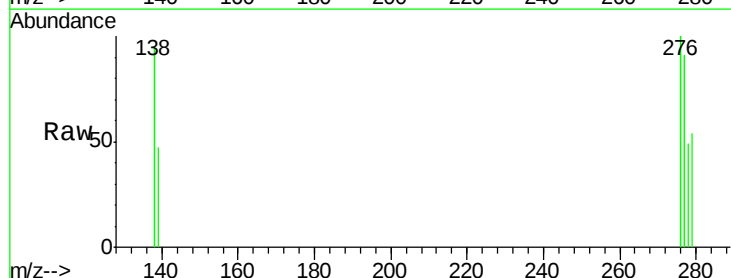
Instrument :
 BNA_E
 ClientSampleId :
 PB95153BL

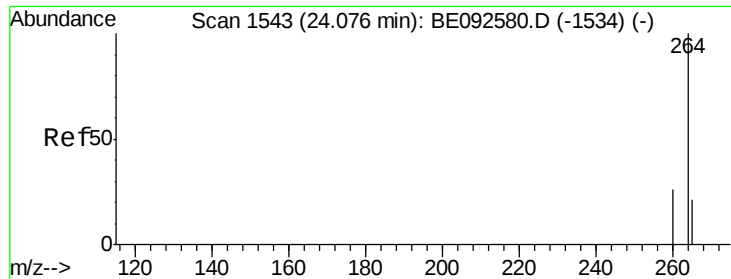
Tgt Ion:149 Resp: 109
 Ion Ratio Lower Upper
 149 100
 167 23.9 16.0 24.0
 279 7.3 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng
 RT: 26.68 min Scan# 1721
 Delta R.T. 0.12 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

Tgt Ion:276 Resp: 249
 Ion Ratio Lower Upper
 276 100
 138 30.5 20.3 30.5#
 277 29.7 19.7 29.5#





#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092590.D
 Acq: 9 Dec 2016 12:55

Instrument :
 BNA_E
 ClientSampleId :
 PB95153BL

Tgt Ion: 264 Resp: 55199
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 21.7 17.9 26.9

