

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090216\
 Data File : BE092351.D
 Acq On : 2 Sep 2016 19:53
 Operator : UM/SJ
 Sample : PB93162BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93162BL

Quant Time: Sep 02 23:46:49 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

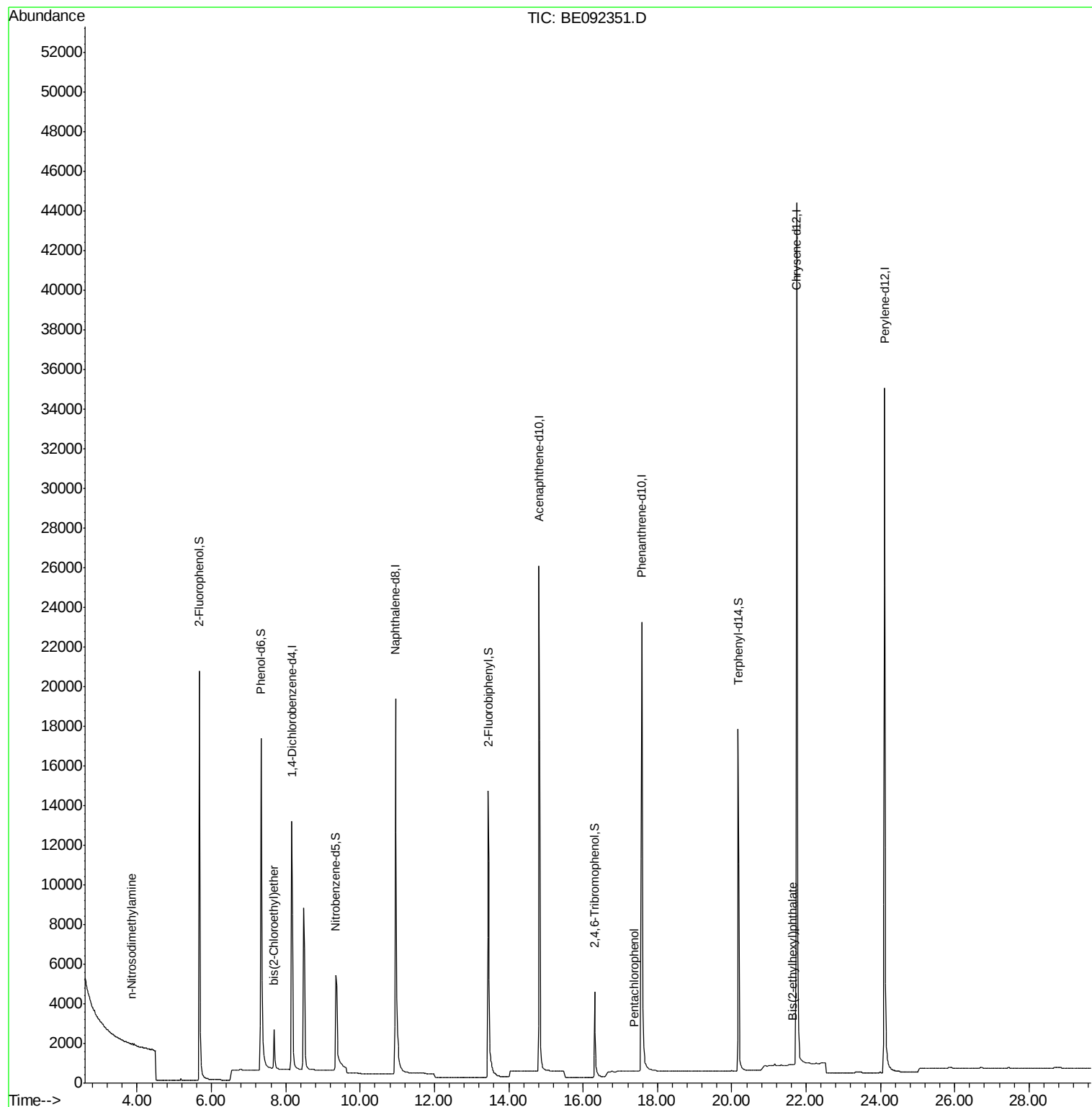
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8986	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	37432	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	20328	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	43691	5.00	ng	0.02
24) Chrysene-d12	21.75	240	55792	5.00	ng	0.00
31) Perylene-d12	24.11	264	54922	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	17492	8.19	ng	-0.01
5) Phenol-d6	7.34	99	22156	7.77	ng	-0.02
8) Nitrobenzene-d5	9.34	82	8737	3.25	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4050	6.43	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	21259	3.41	ng	0.00
26) Terphenyl-d14	20.17	244	27127	3.29	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.86	42	15	0.09	ng	# 20
6) bis(2-Chloroethyl)ether	7.68	93	23	0.08	ng	# 1
20) Pentachlorophenol	17.37	266	1	0.06	ng	# 72
28) Chrysene	21.75	228	834	Below Cal		# 70
29) Bis(2-ethylhexyl)phthalate	21.63	149	107	0.10	ng	# 56

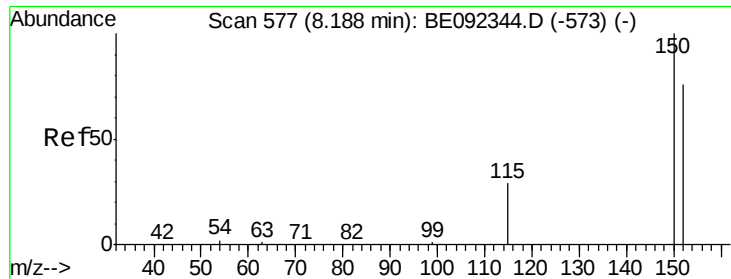
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

Instrument :

BNA_E

ClientSampleId :

PB93162BL

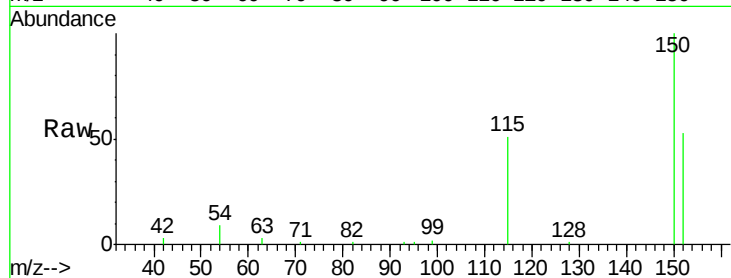
Tgt Ion:152 Resp: 8986

Ion Ratio Lower Upper

152 100

150 188.5 106.0 159.0#

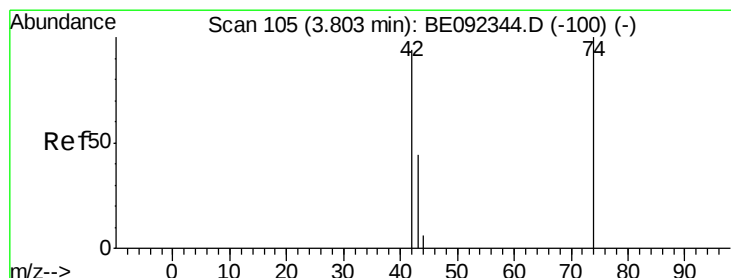
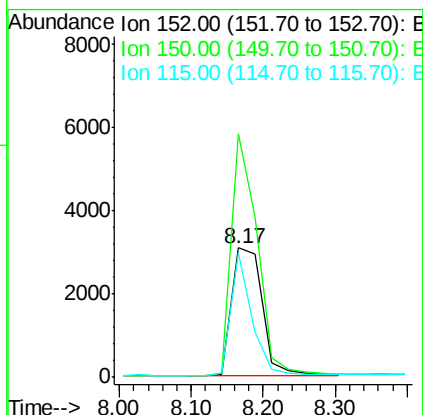
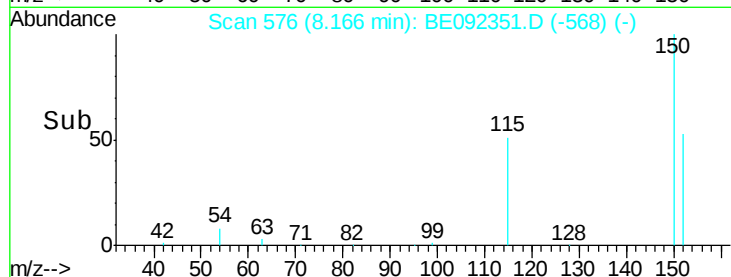
115 96.7 31.2 46.8#



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: 0.09 ng

RT: 3.86 min Scan# 110

Delta R.T. 0.06 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

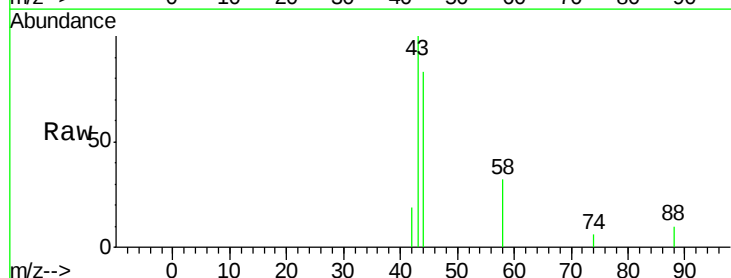
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 20.0 86.0 129.0#

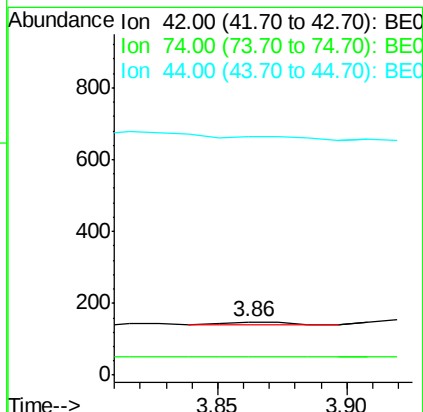
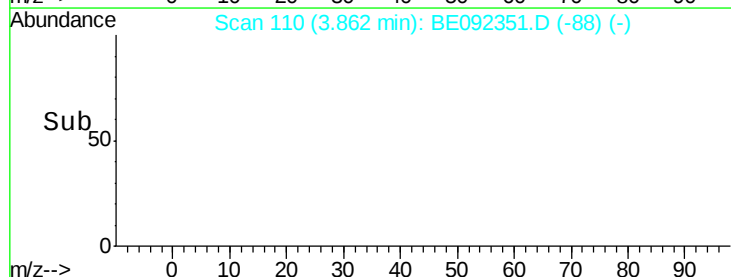
44 0.0 5.1 7.7#

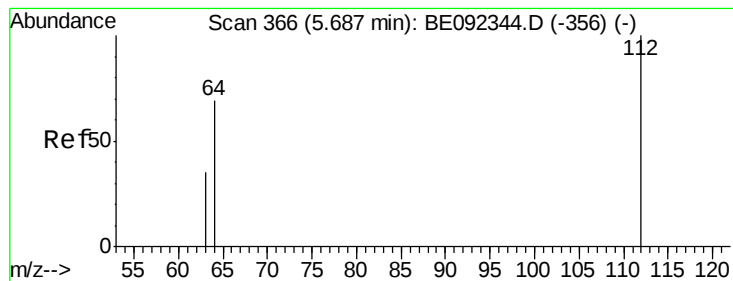


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 8.19 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

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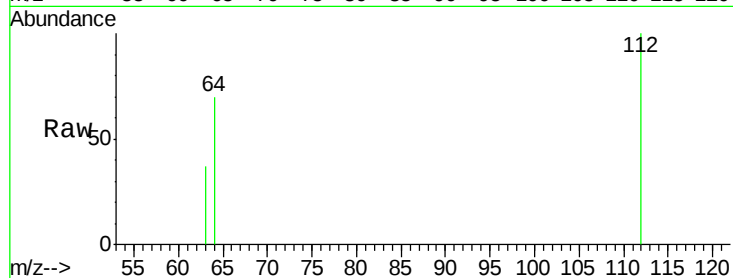
Tgt Ion: 112 Resp: 17492

Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

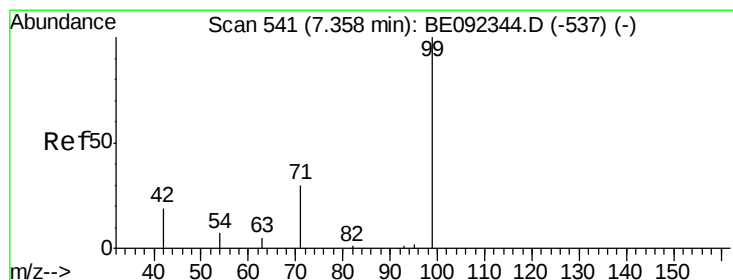
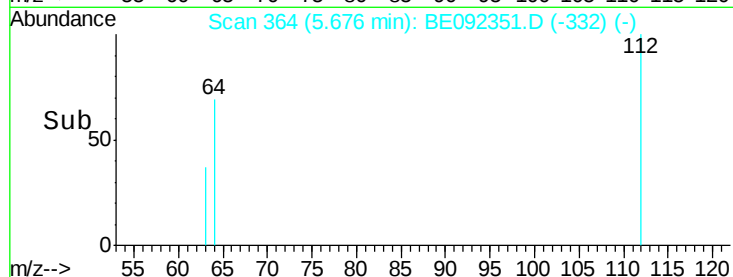
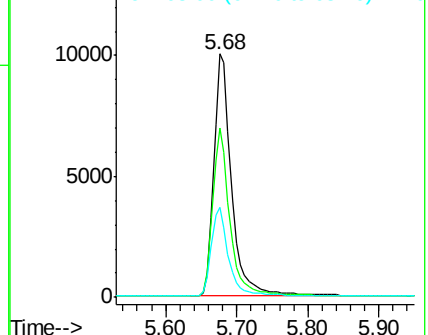
63 36.0 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092344.D (-356) (-)

Ion 64.00 (63.70 to 64.70): BE092344.D (-356) (-)

Ion 63.00 (62.70 to 63.70): BE092344.D (-356) (-)



#5

Phenol-d6

Concen: 7.77 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

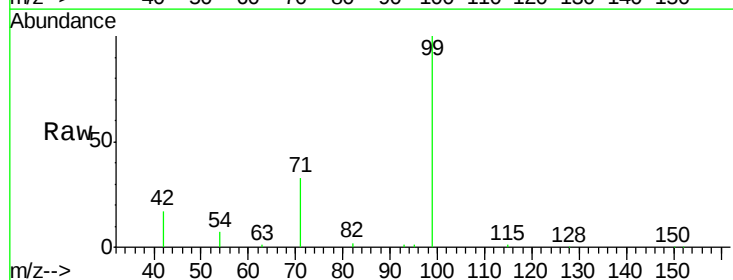
Tgt Ion: 99 Resp: 22156

Ion Ratio Lower Upper

99 100

42 22.1 16.0 24.0

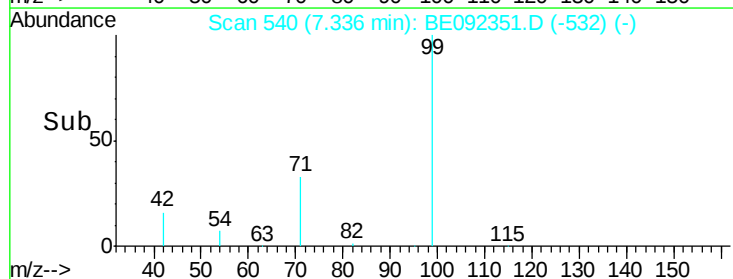
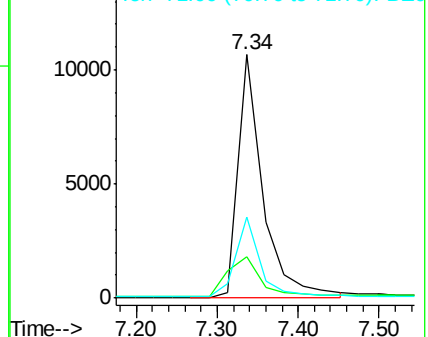
71 33.3 30.6 45.8

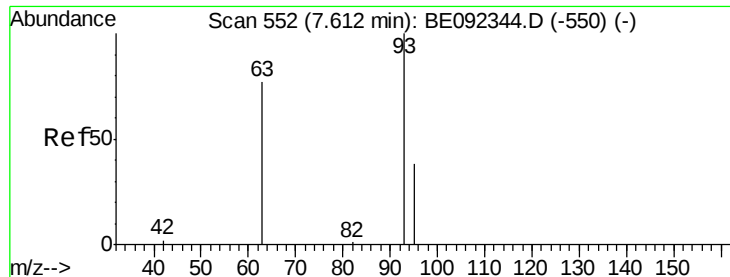


Abundance Ion 99.00 (98.70 to 99.70): BE092344.D (-537) (-)

Ion 42.00 (41.70 to 42.70): BE092344.D (-537) (-)

Ion 71.00 (70.70 to 71.70): BE092344.D (-537) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.07 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

Instrument :

BNA_E

ClientSampleId :

PB93162BL

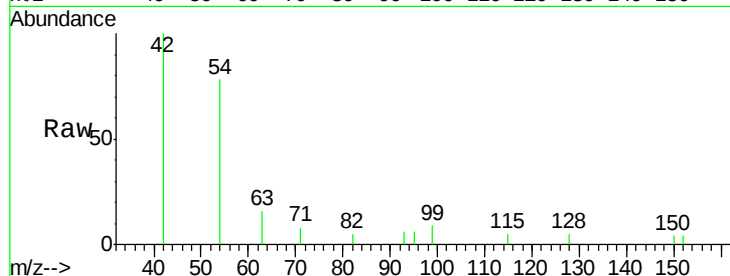
Tgt Ion: 93 Resp: 23

Ion Ratio Lower Upper

93 100

63 987.0 71.6 107.4#

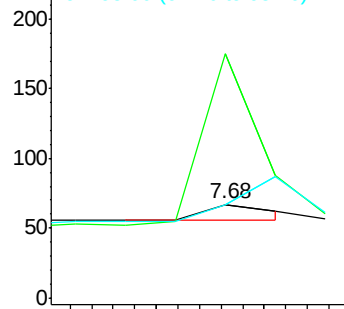
95 0.0 24.0 36.0#



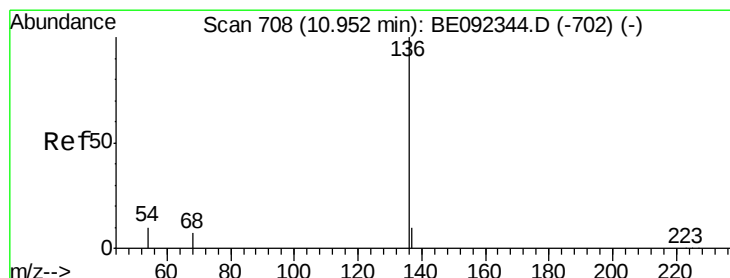
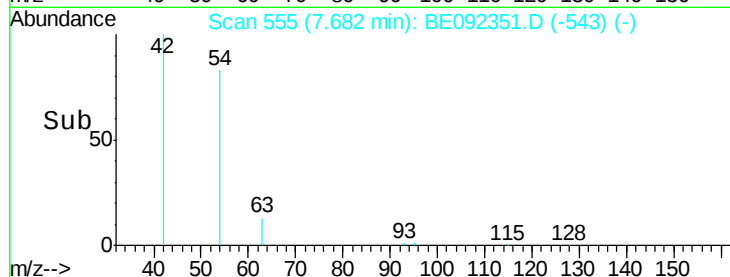
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

Tgt Ion: 136 Resp: 37432

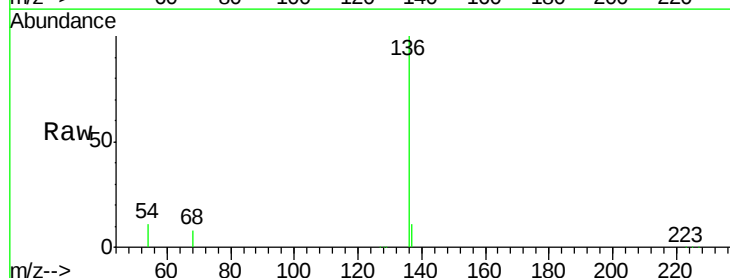
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 11.0 9.6 14.4

68 7.8 6.7 10.1

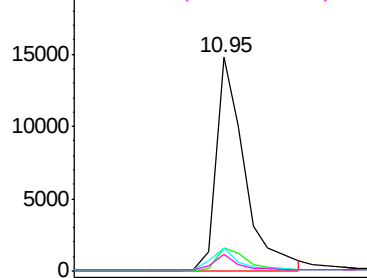


Abundance Ion 136.00 (135.70 to 136.70): E

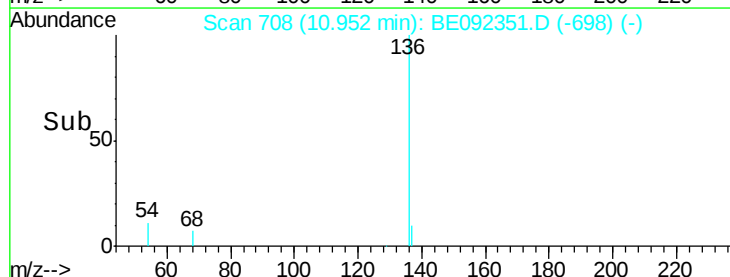
Ion 137.00 (136.70 to 137.70): E

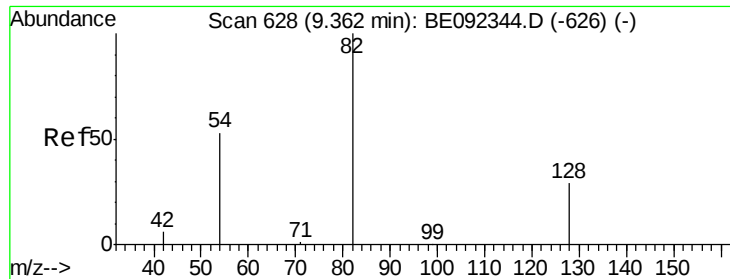
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 3.25 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

Instrument :

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PB93162BL

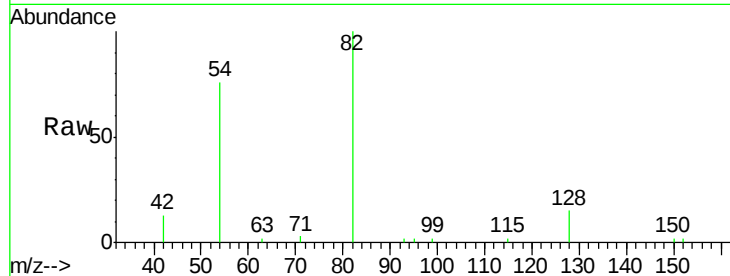
Tgt Ion: 82 Resp: 8737

Ion Ratio Lower Upper

82 100

128 14.6 39.0 58.4#

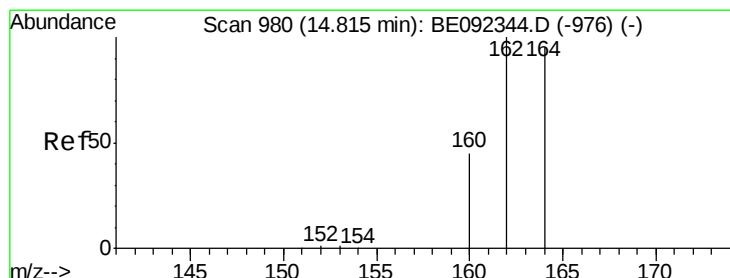
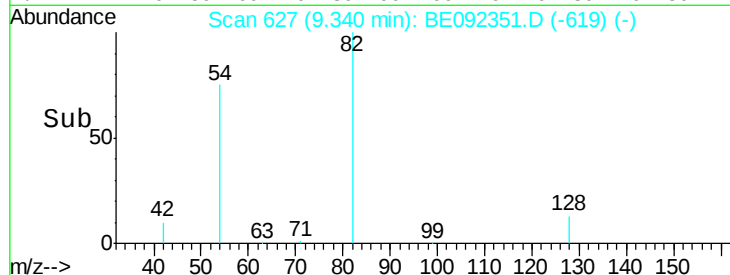
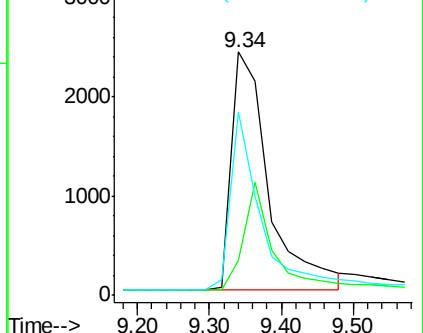
54 75.6 44.8 67.2#



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: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

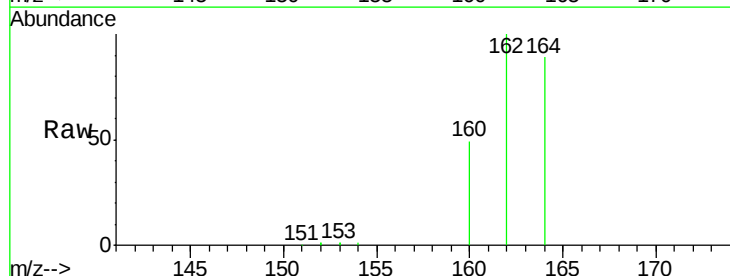
Tgt Ion: 164 Resp: 20328

Ion Ratio Lower Upper

164 100

162 112.1 71.4 107.0#

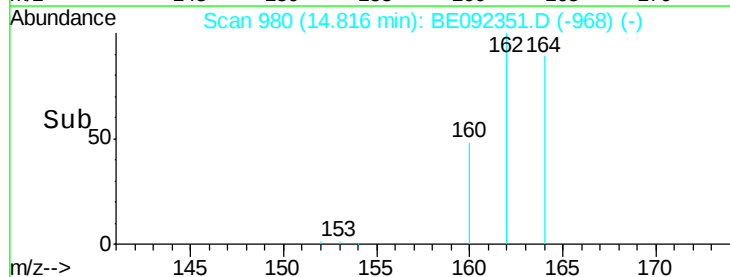
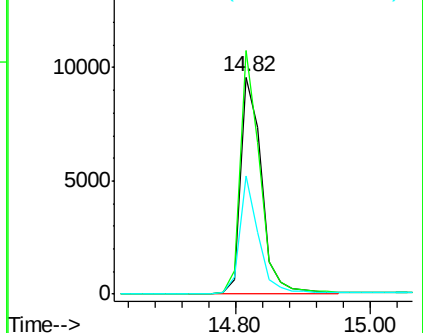
160 54.5 27.4 41.2#

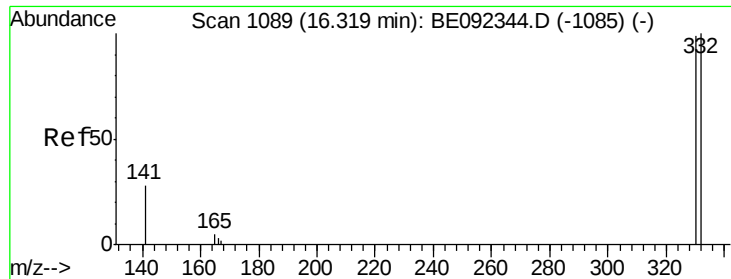


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

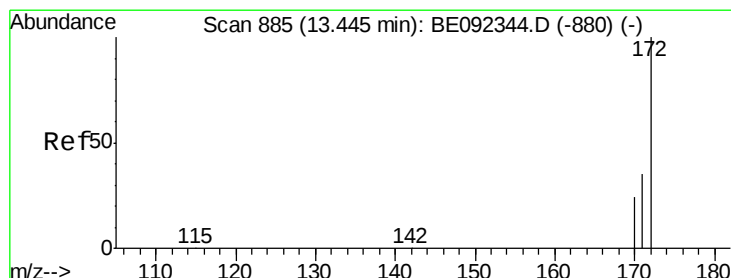
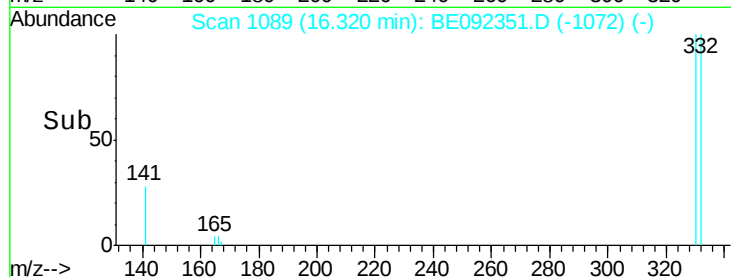
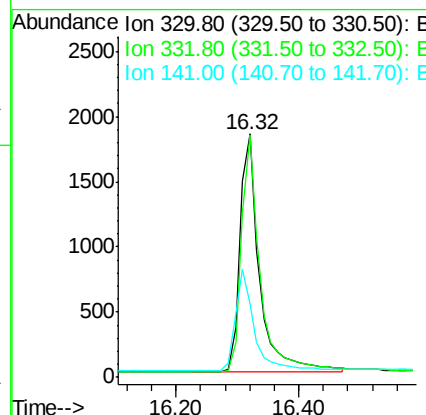
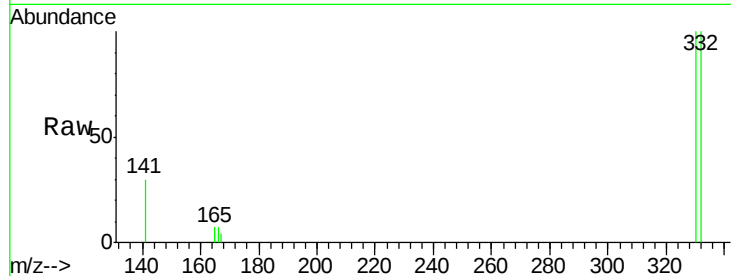




#13
 2,4,6-Tribromophenol
 Concen: 6.43 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092351.D
 Acq: 2 Sep 2016 19:53

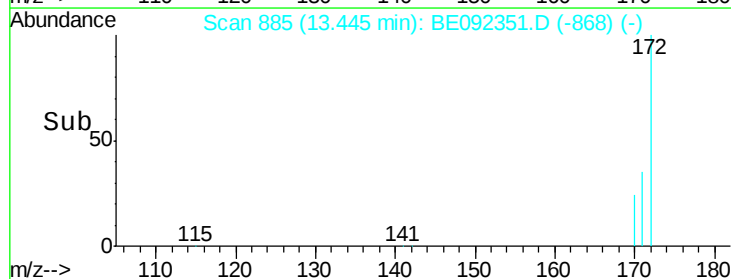
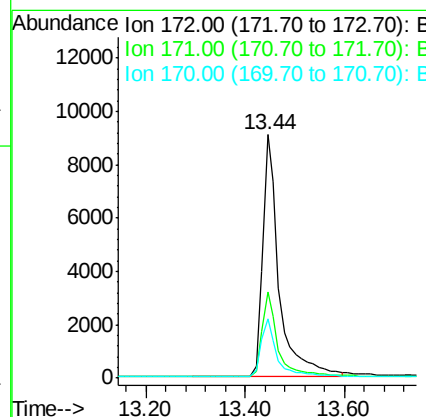
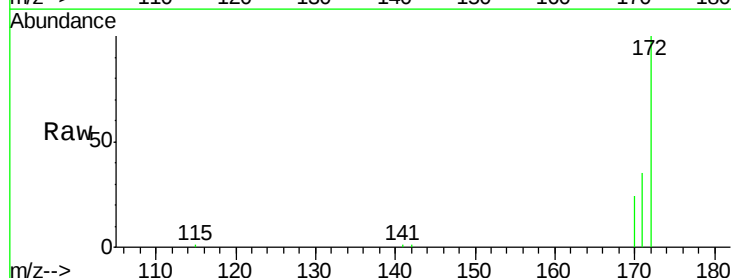
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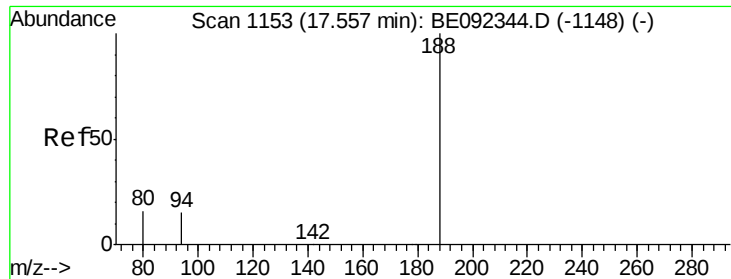
Tgt Ion:330 Resp: 4050
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 41.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.41 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092351.D
 Acq: 2 Sep 2016 19:53

Tgt Ion:172 Resp: 21259
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.1 45.1
 170 24.2 21.8 32.6

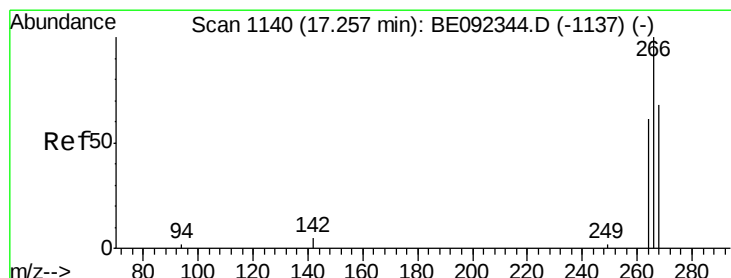
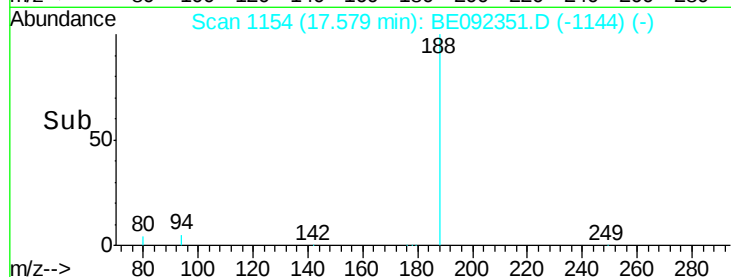
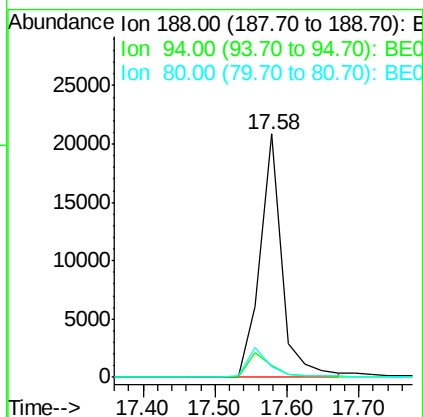
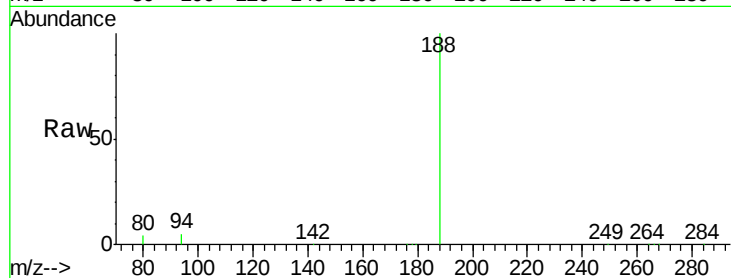




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092351.D
Acq: 2 Sep 2016 19:53

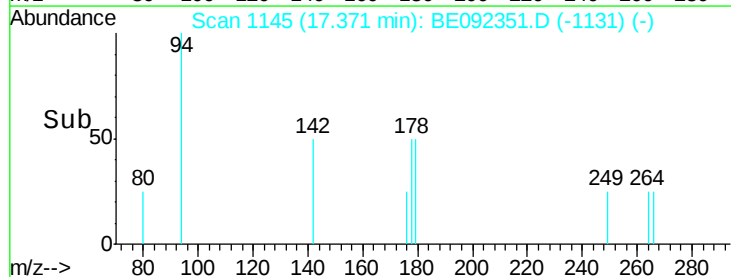
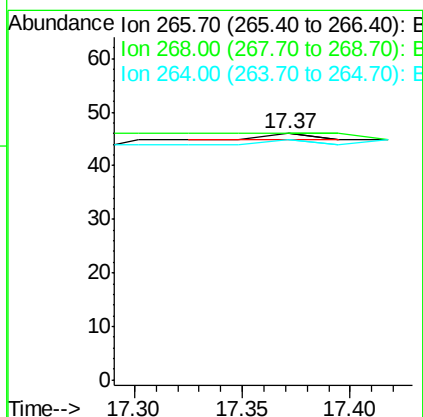
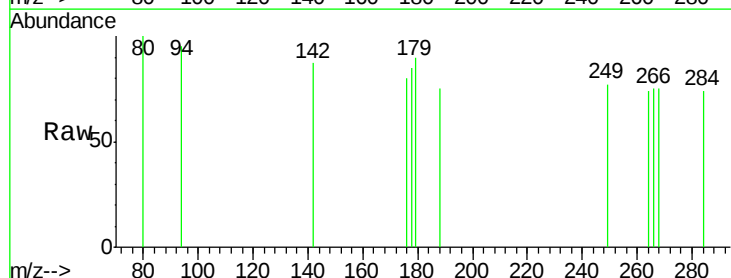
Instrument :
BNA_E
ClientSampled :
PB93162BL

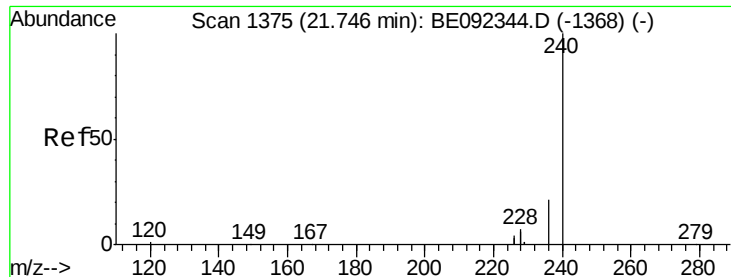
Tgt Ion:188 Resp: 43691
Ion Ratio Lower Upper
188 100
94 4.8 3.2 4.8
80 4.3 2.6 3.8#



#20
Pentachlorophenol
Concen: 0.06 ng
RT: 17.37 min Scan# 1145
Delta R.T. 0.11 min
Lab File: BE092351.D
Acq: 2 Sep 2016 19:53

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
268 100.0 62.5 93.7#
264 97.8 57.2 85.8#

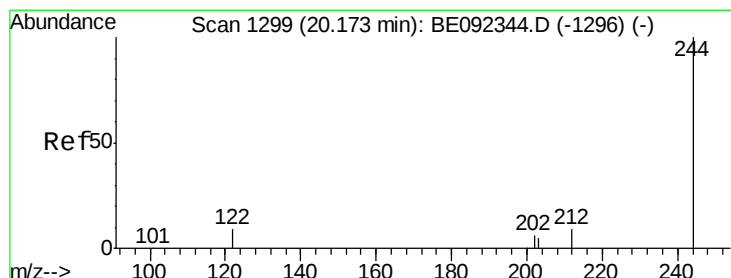
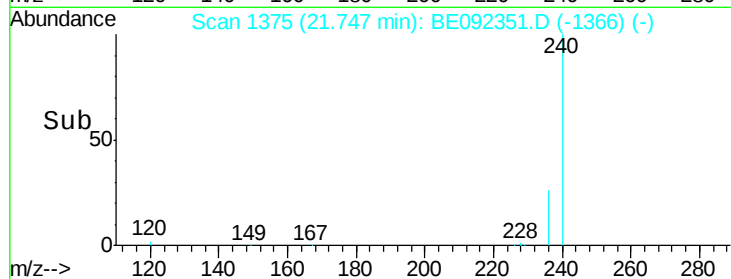
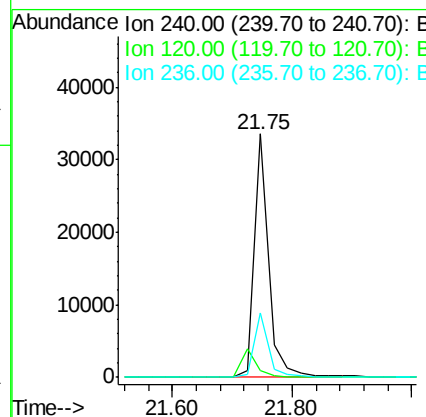
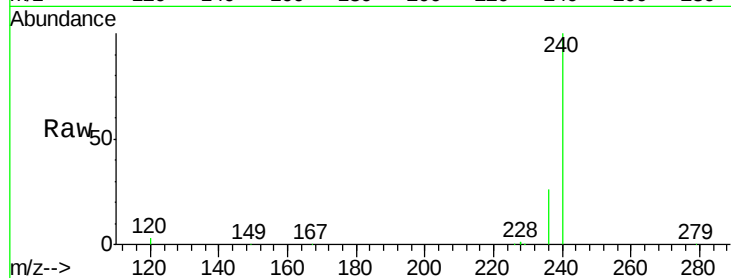




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BE092351.D
 Acq: 2 Sep 2016 19:53

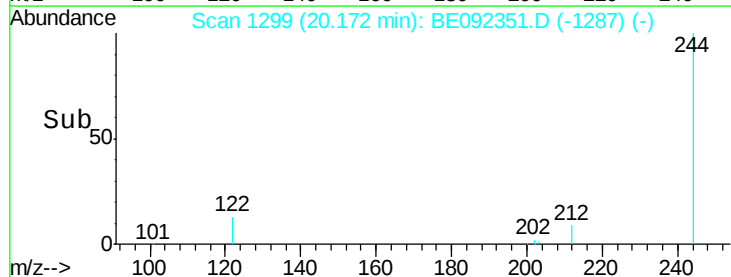
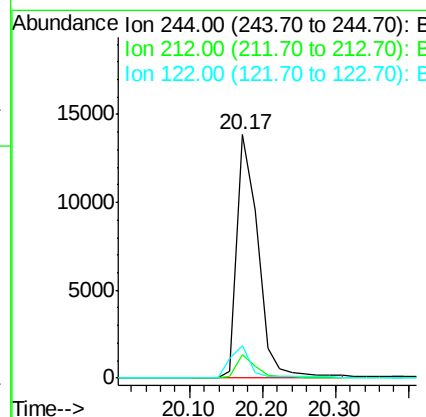
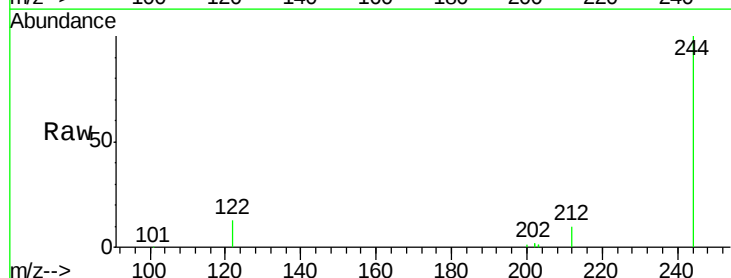
Instrument :
 BNA_E
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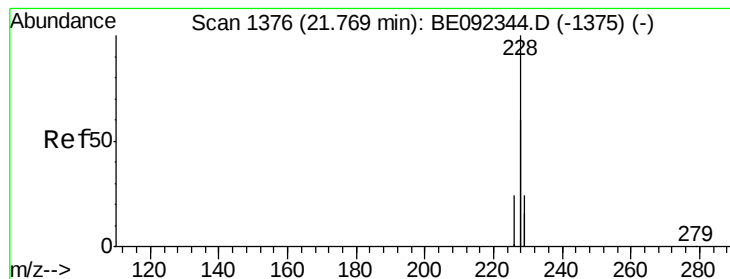
Tgt Ion:240 Resp: 55792
 Ion Ratio Lower Upper
 240 100
 120 2.6 2.6 4.0#
 236 26.4 24.6 37.0



#26
 Terphenyl-d14
 Concen: 3.29 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092351.D
 Acq: 2 Sep 2016 19:53

Tgt Ion:244 Resp: 27127
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.7 10.1
 122 13.4 3.6 5.4#





#28

Chrysene

Concen: Below Cal

RT: 21.75 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

Instrument :

BNA_E

ClientSampleId :

PB93162BL

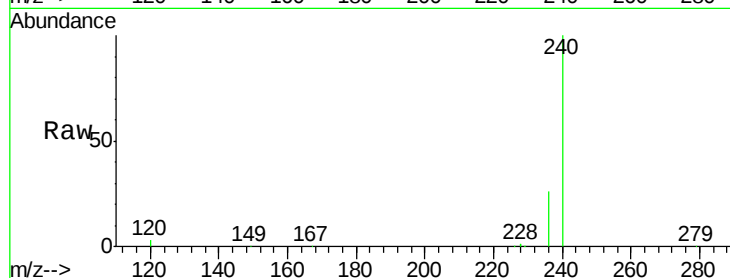
Tgt Ion: 228 Resp: 834

Ion Ratio Lower Upper

228 100

226 45.9 36.3 54.5

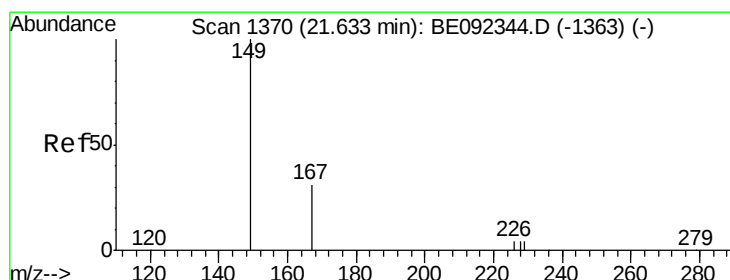
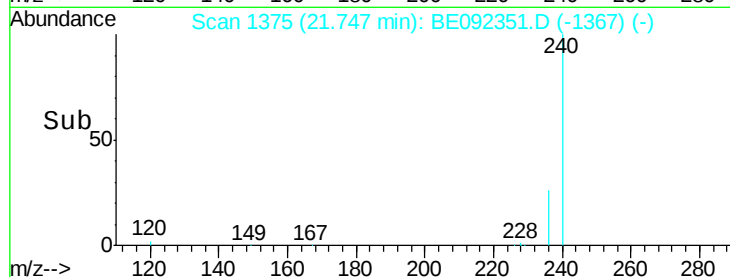
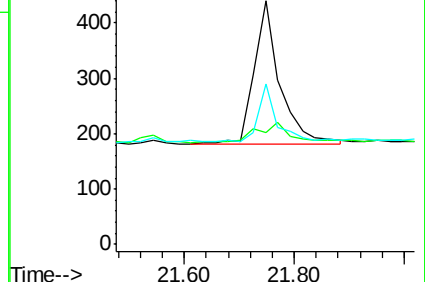
229 65.9 10.6 16.0#



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: 0.10 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

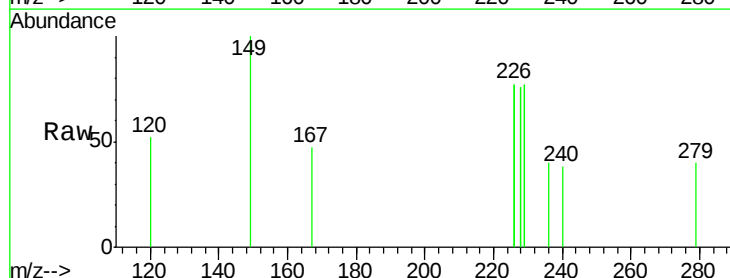
Tgt Ion: 149 Resp: 107

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

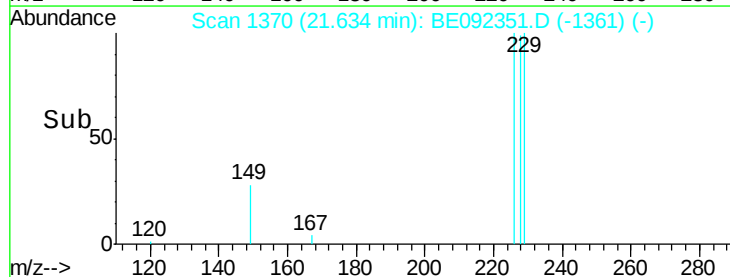
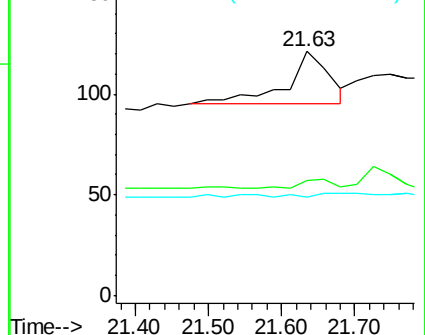
279 0.0 16.0 24.0#

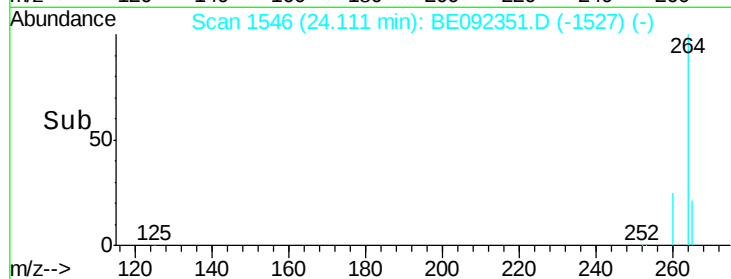
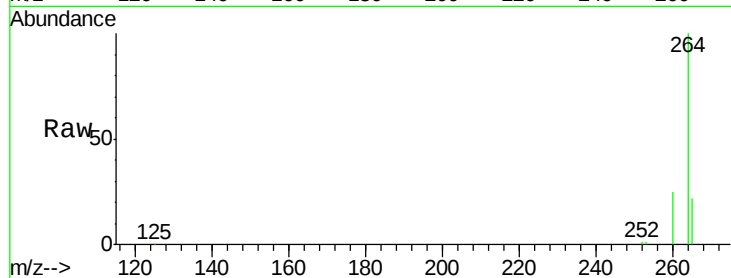
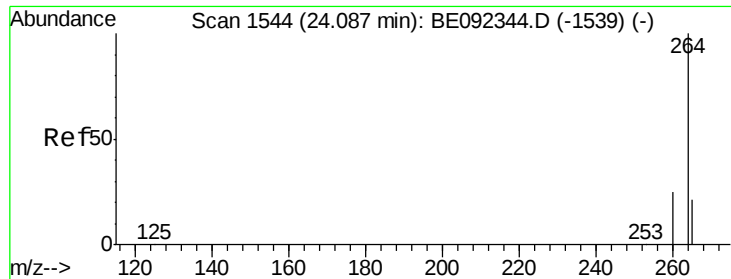


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.11 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BE092351.D

Acq: 2 Sep 2016 19:53

Instrument :

BNA_E

ClientSampleId :

PB93162BL

Tgt Ion: 264 Resp: 54922

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.2 17.9 26.9

