

Data Path : Z:\HPCHEM1\BNA_E\Data\BE090916\
 Data File : BE092357.D
 Acq On : 9 Sep 2016 16:32
 Operator : UM/SJ
 Sample : PB93313BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93313BL

Quant Time: Sep 09 17:11:06 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

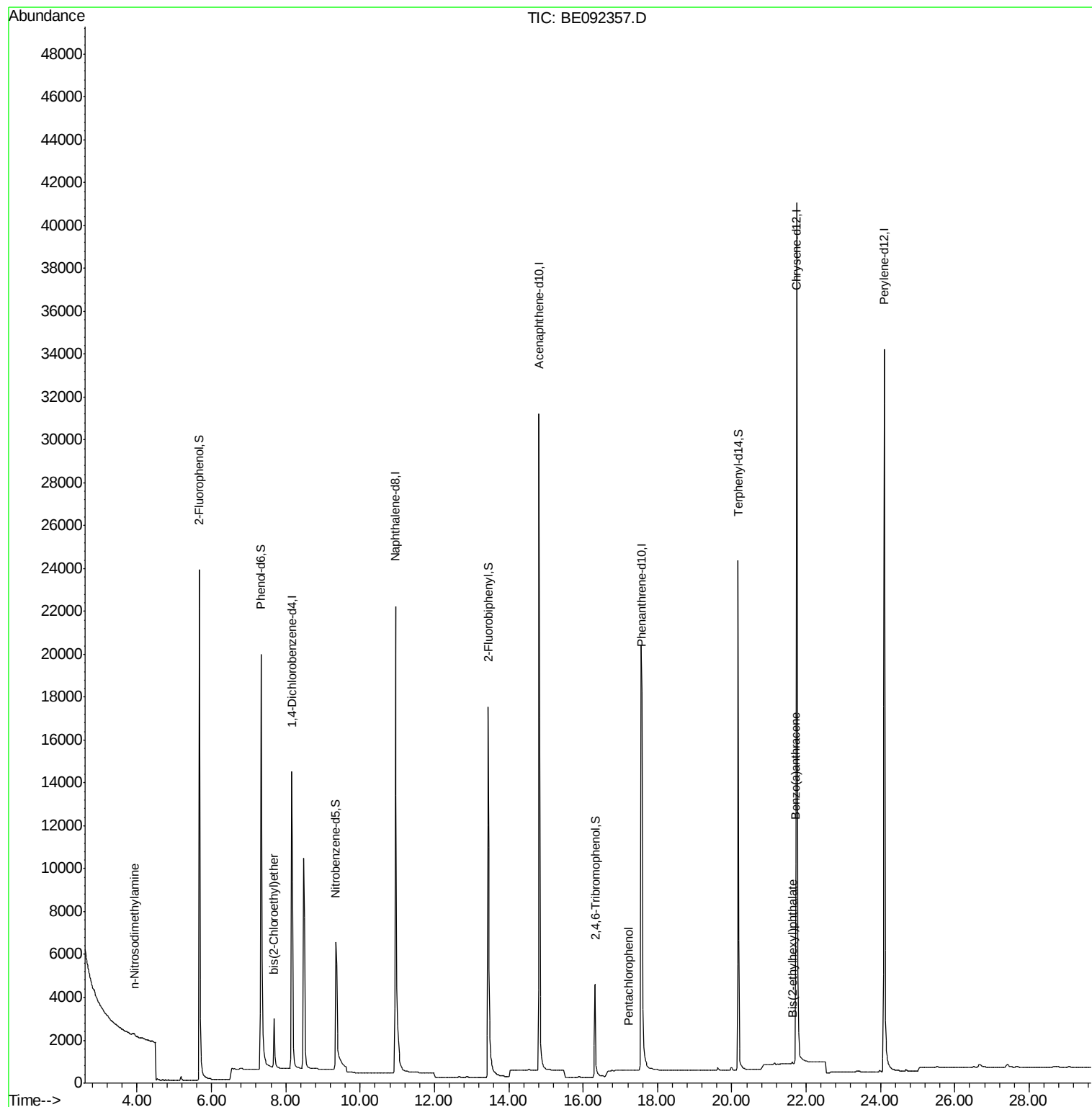
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9924	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	41713	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	22819	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	47721	5.00	ng	0.02
24) Chrysene-d12	21.75	240	54410	5.00	ng	0.00
31) Perylene-d12	24.10	264	54857	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	20189	8.56	ng	-0.01
5) Phenol-d6	7.34	99	25407	8.07	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10315	3.44	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4259	6.03	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	25280	3.61	ng	0.00
26) Terphenyl-d14	20.17	244	31018	3.85	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.92	42	22	0.09	ng	# 2
6) bis(2-Chloroethyl)ether	7.68	93	29	0.08	ng	# 1
20) Pentachlorophenol	17.23	266	1	0.06	ng	# 72
27) Benzo(a)anthracene	21.72	228	1378	0.02	ng	# 59
28) Chrysene	21.72	228	1399	Below Cal		# 80
29) Bis(2-ethylhexyl)phthalate	21.63	149	170	0.10	ng	# 76

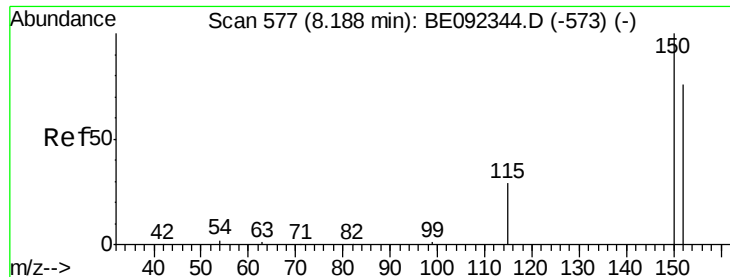
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

Instrument :

BNA_E

ClientSampleId :

PB93313BL

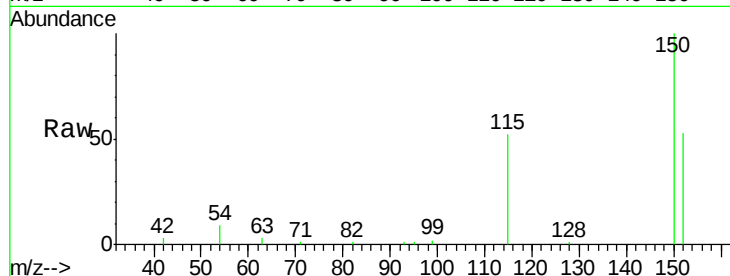
Tgt Ion:152 Resp: 9924

Ion Ratio Lower Upper

152 100

150 189.1 106.0 159.0#

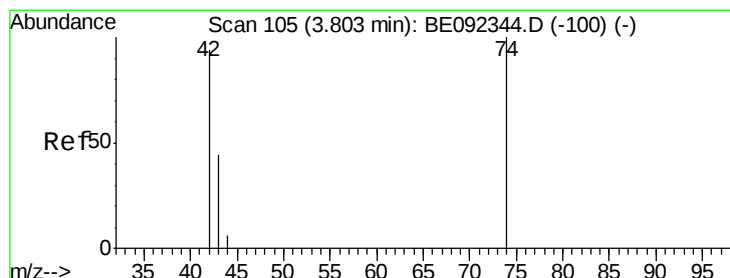
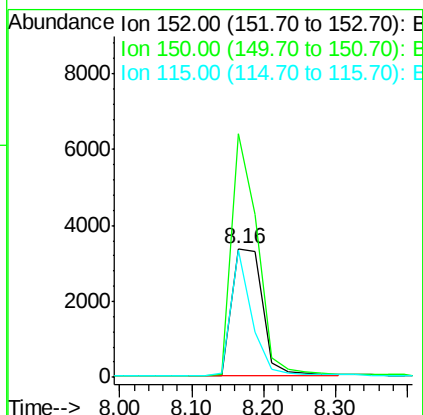
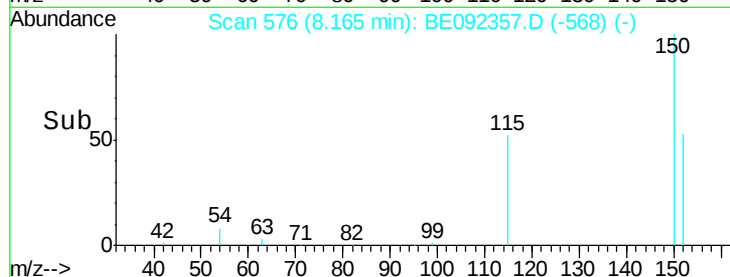
115 98.3 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.92 min Scan# 115

Delta R.T. 0.12 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

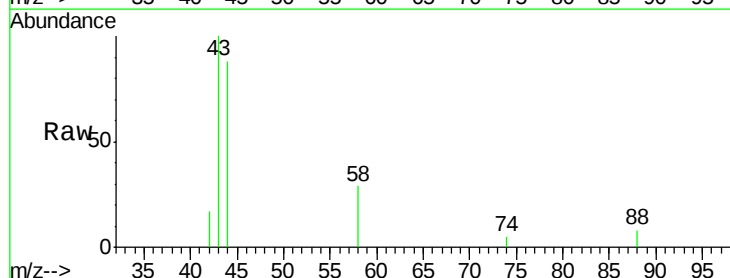
Tgt Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

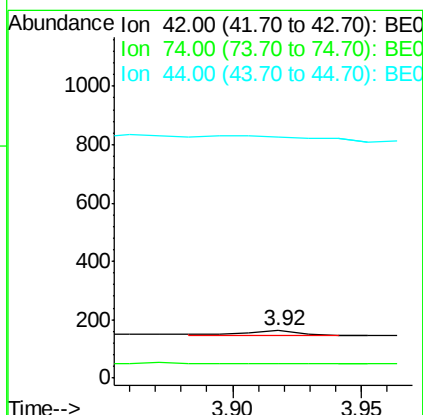
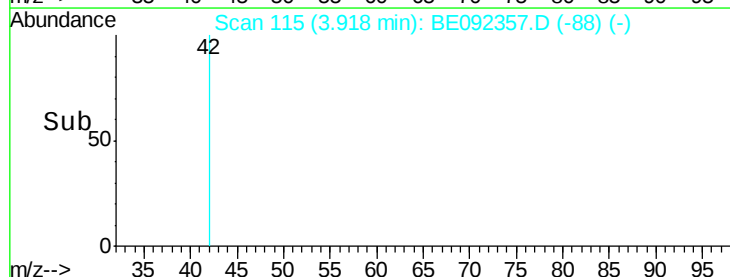
44 0.0 5.1 7.7#

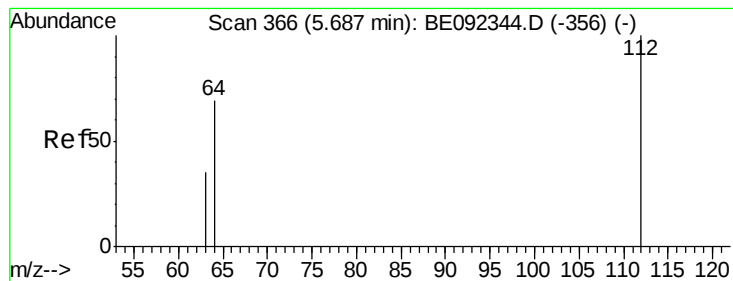


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 8.56 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

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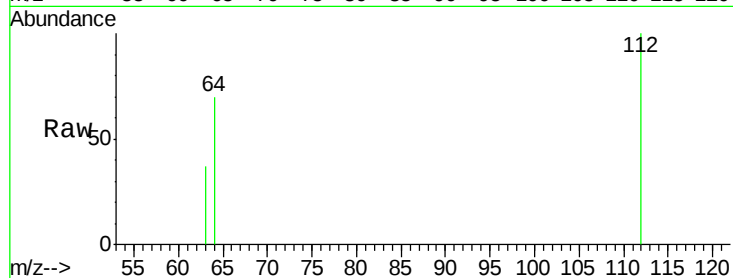
Tgt Ion: 112 Resp: 20189

Ion Ratio Lower Upper

112 100

64 67.5 53.5 80.3

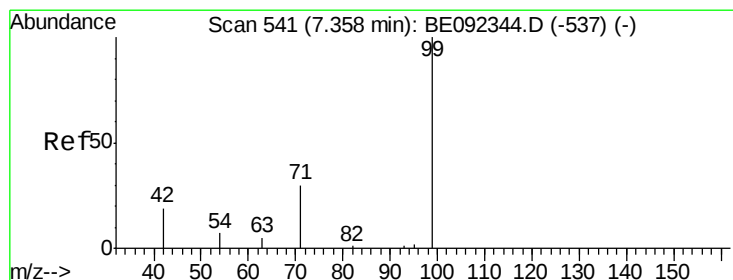
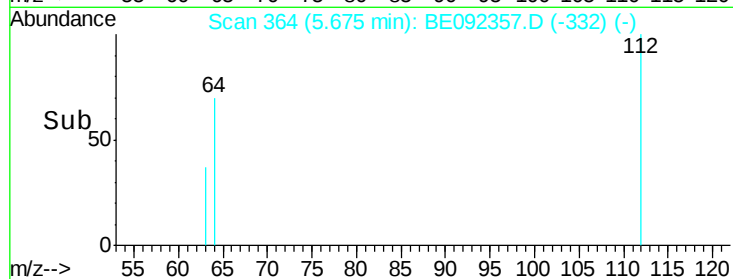
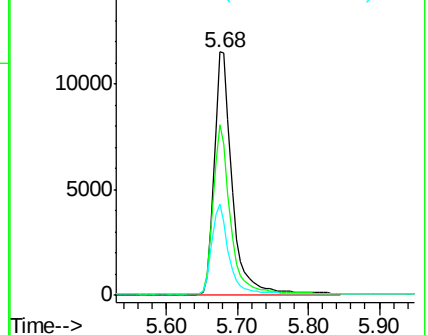
63 36.0 27.9 41.9



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: 8.07 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

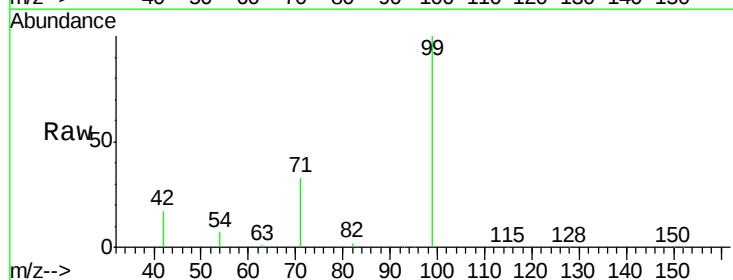
Tgt Ion: 99 Resp: 25407

Ion Ratio Lower Upper

99 100

42 22.4 16.0 24.0

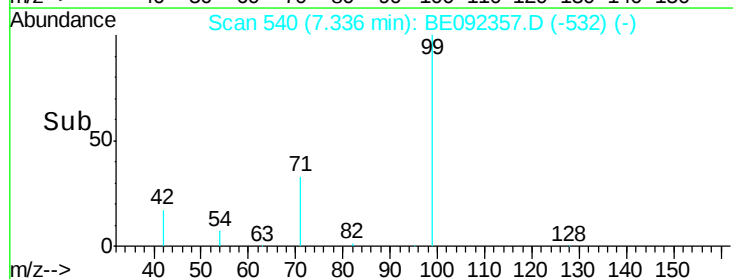
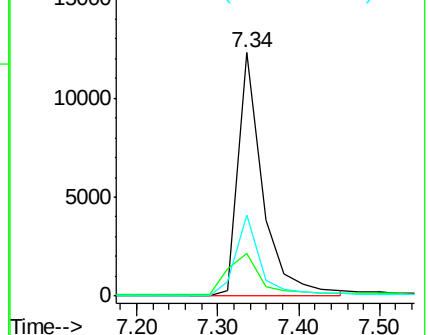
71 33.1 30.6 45.8

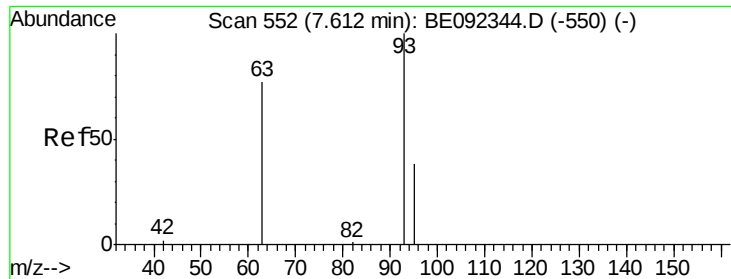


Abundance Ion 99.00 (98.70 to 99.70): BE092344.D (-537) (-)

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: BE092357.D

Acq: 9 Sep 2016 16:32

Instrument :

BNA_E

ClientSampleId :

PB93313BL

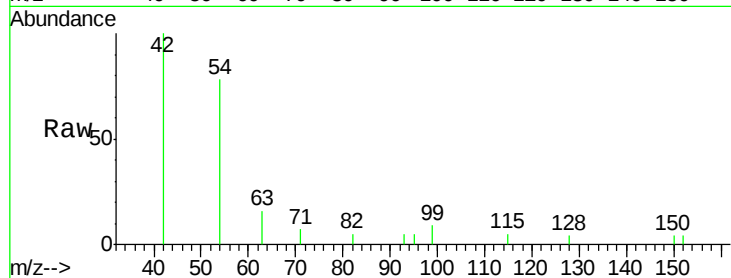
Tgt Ion: 93 Resp: 29

Ion Ratio Lower Upper

93 100

63 920.7 71.6 107.4#

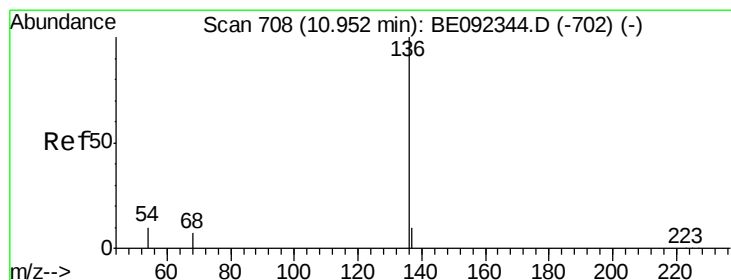
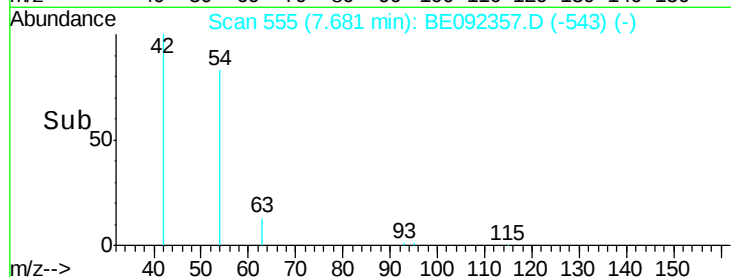
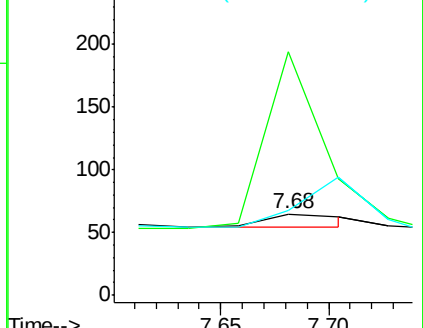
95 0.0 24.0 36.0#



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

Tgt Ion: 136 Resp: 41713

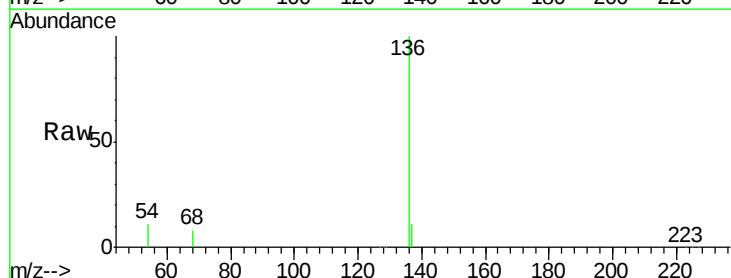
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 11.0 9.6 14.4

68 7.7 6.7 10.1

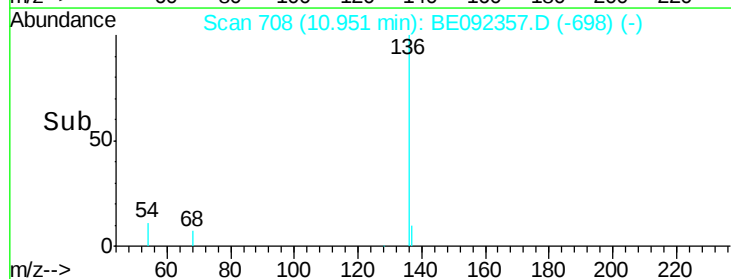
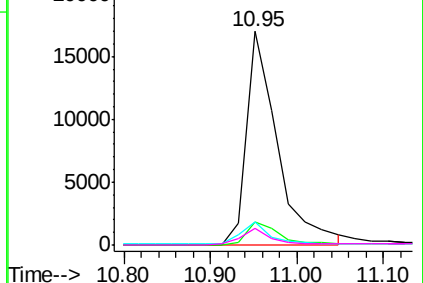


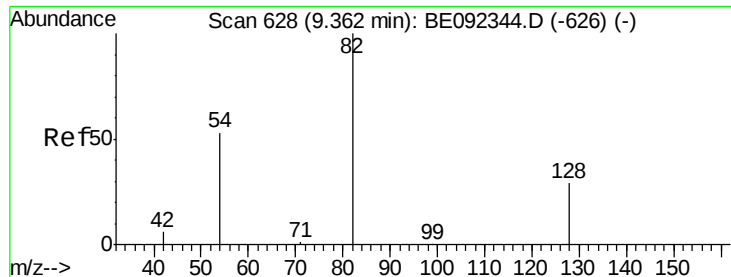
Abundance Ion 136.00 (135.70 to 136.70): E

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

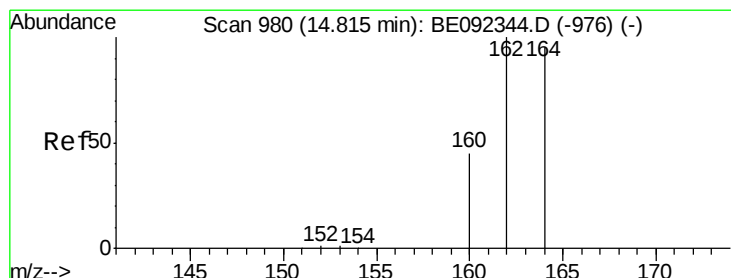
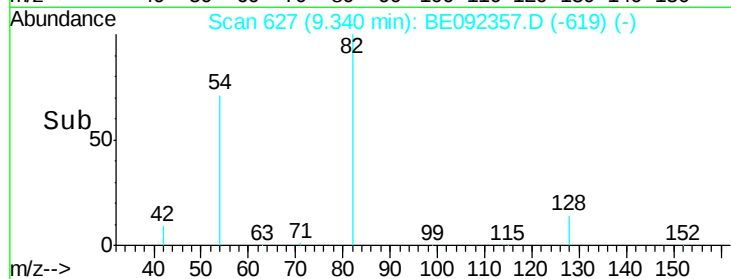
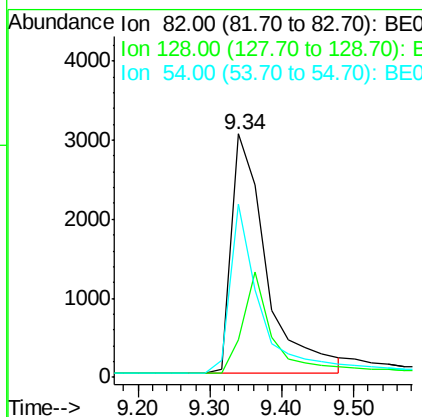
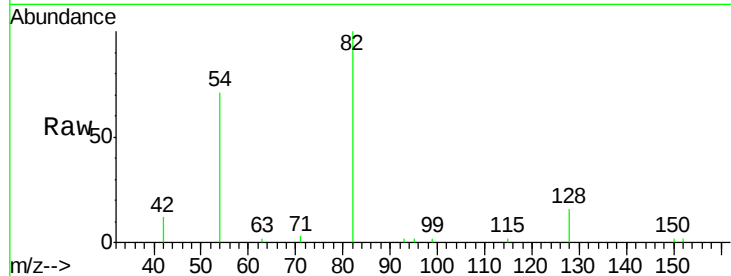




#8
 Nitrobenzene-d5
 Concen: 3.44 ng
 RT: 9.34 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BE092357.D
 Acq: 9 Sep 2016 16:32

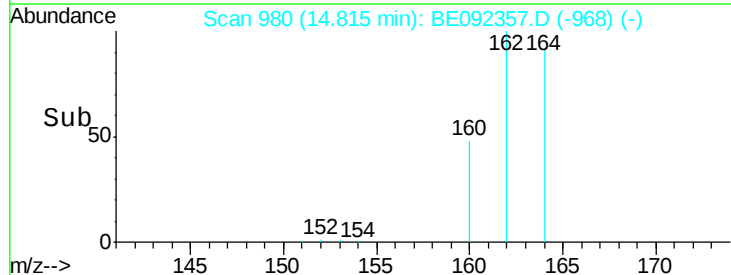
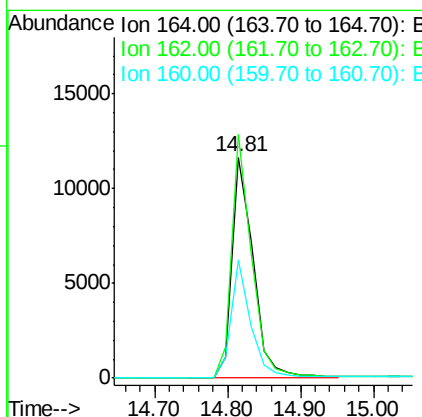
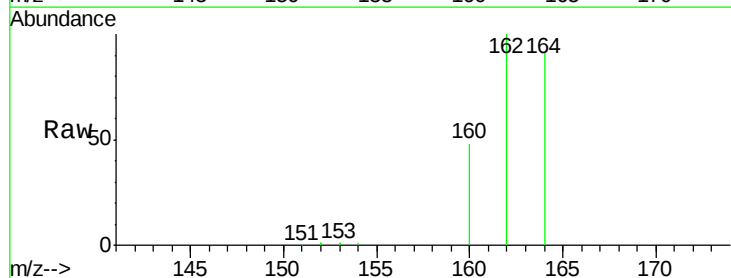
Instrument :
 BNA_E
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 PB93313BL

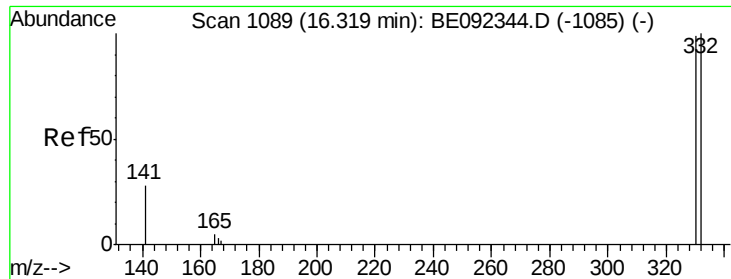
Tgt Ion: 82 Resp: 10315
 Ion Ratio Lower Upper
 82 100
 128 15.7 39.0 58.4#
 54 71.2 44.8 67.2#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.81 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BE092357.D
 Acq: 9 Sep 2016 16:32

Tgt Ion: 164 Resp: 22819
 Ion Ratio Lower Upper
 164 100
 162 110.2 71.4 107.0#
 160 53.2 27.4 41.2#

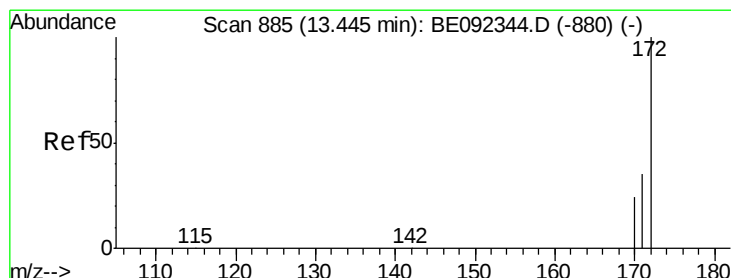
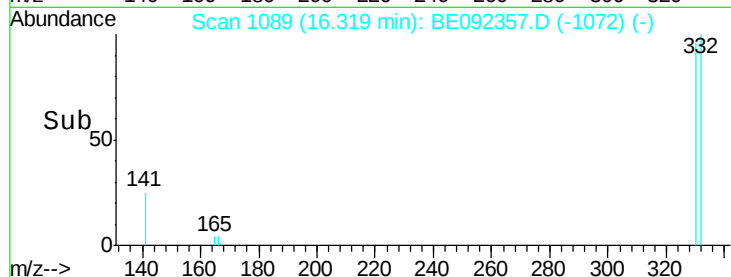
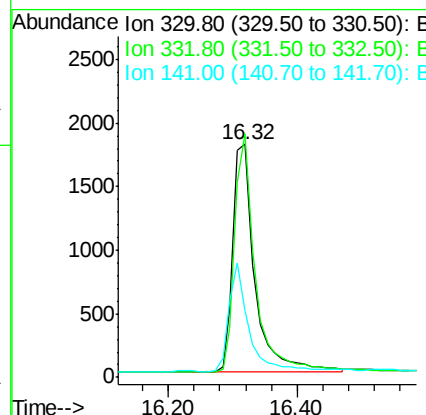
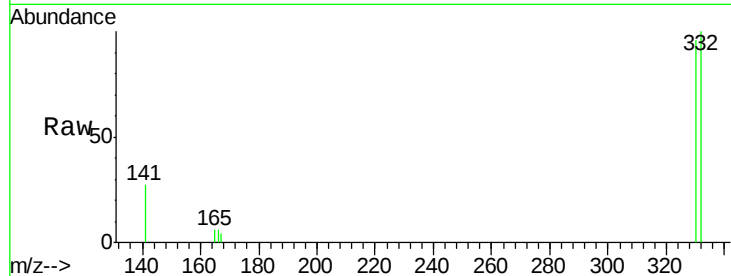




#13
 2,4,6-Tribromophenol
 Concen: 6.03 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092357.D
 Acq: 9 Sep 2016 16:32

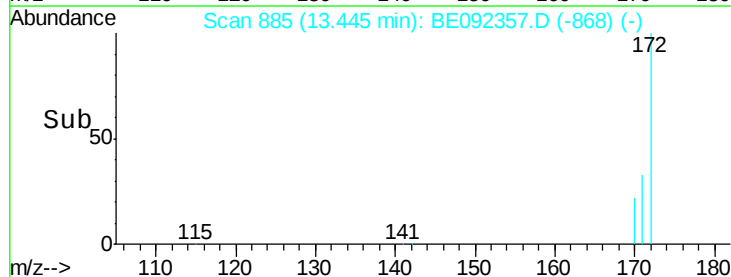
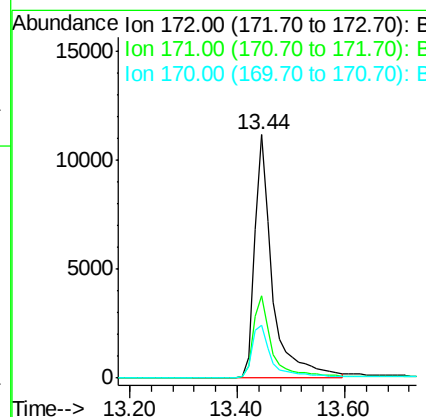
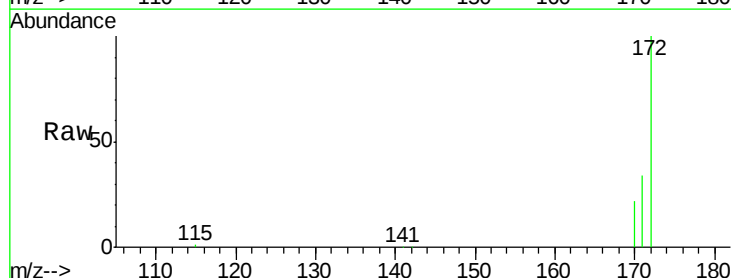
Instrument :
 BNA_E
 ClientSampleId :
 PB93313BL

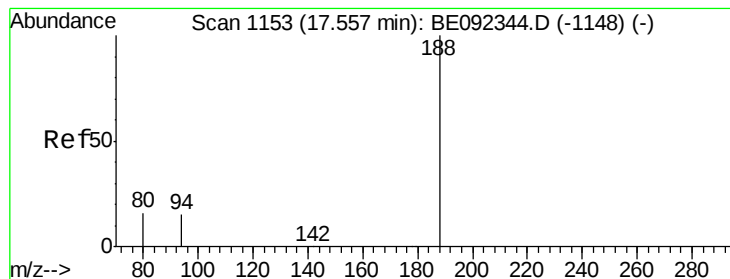
Tgt Ion:330 Resp: 4259
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 42.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.61 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092357.D
 Acq: 9 Sep 2016 16:32

Tgt Ion:172 Resp: 25280
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.1 45.1
 170 21.8 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: BE092357.D

Acq: 9 Sep 2016 16:32

Instrument :

BNA_E

ClientSampleId :

PB93313BL

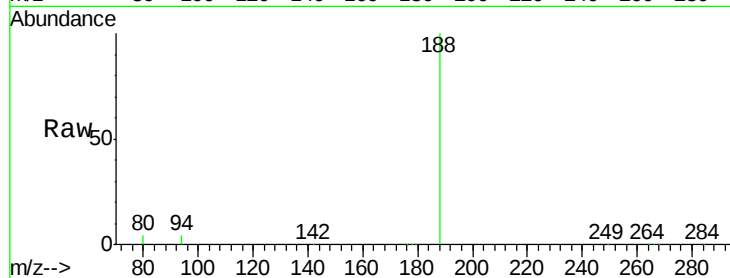
Tgt Ion:188 Resp: 47721

Ion Ratio Lower Upper

188 100

94 4.4 3.2 4.8

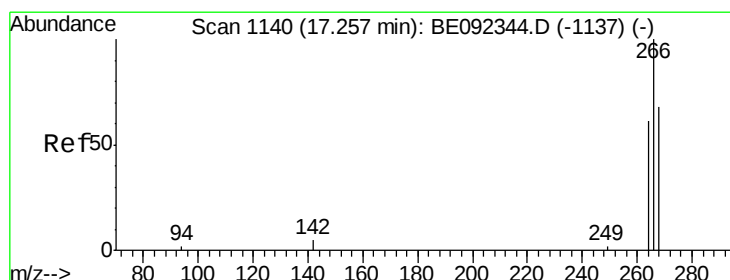
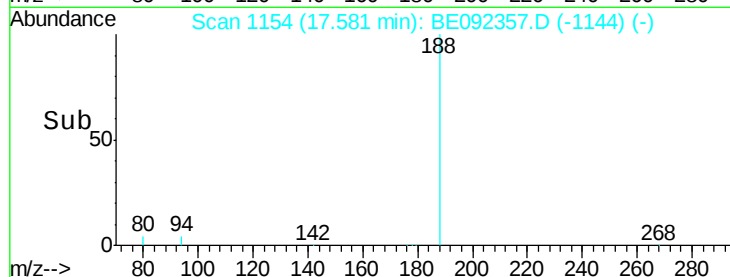
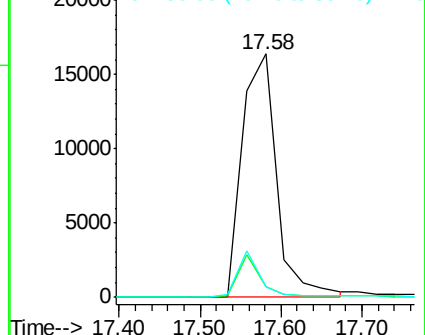
80 4.1 2.6 3.8#



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: 0.06 ng

RT: 17.23 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

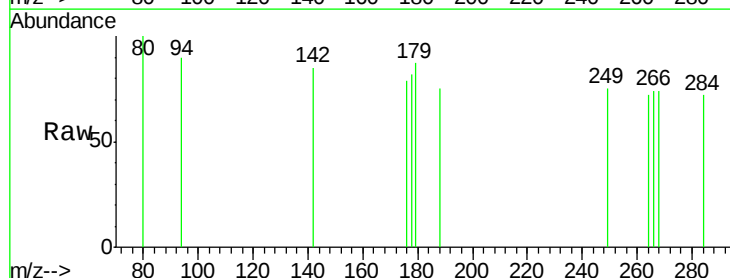
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

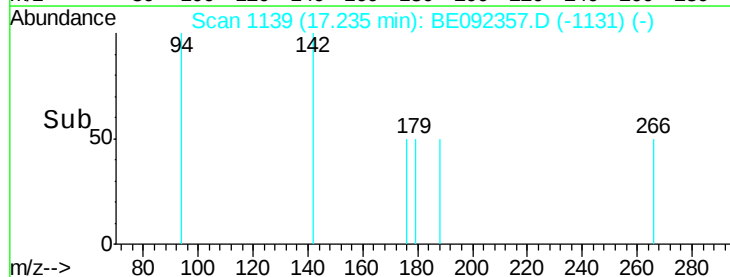
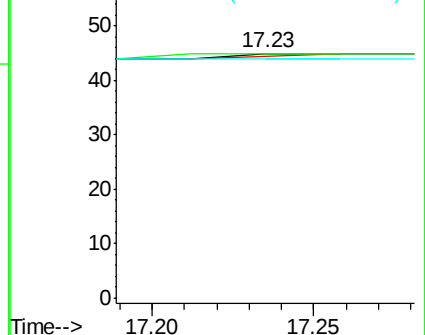
264 97.8 57.2 85.8#

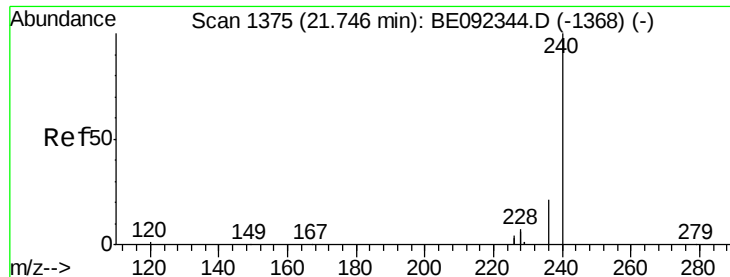


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

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PB93313BL

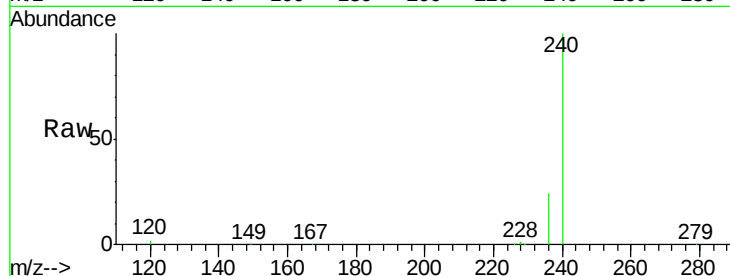
Tgt Ion:240 Resp: 54410

Ion Ratio Lower Upper

240 100

120 1.8 2.6 4.0#

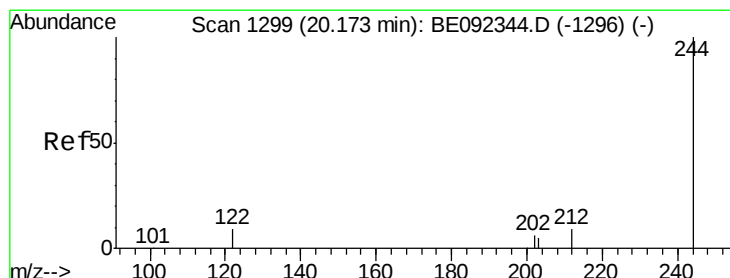
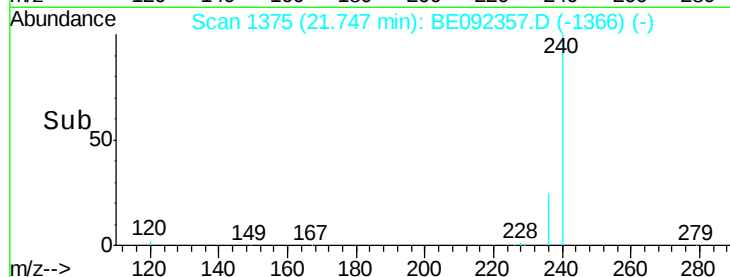
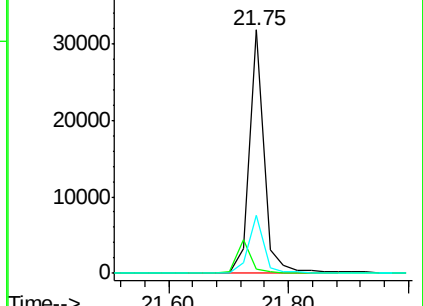
236 24.0 24.6 37.0#



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: 3.85 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

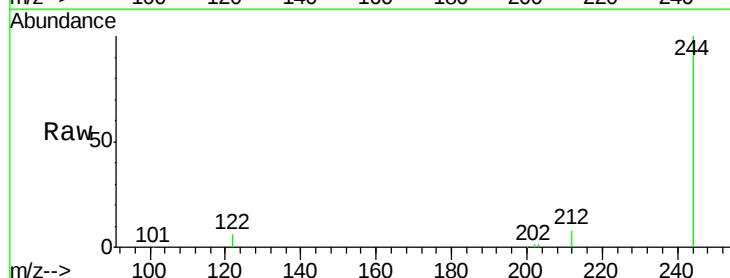
Tgt Ion:244 Resp: 31018

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

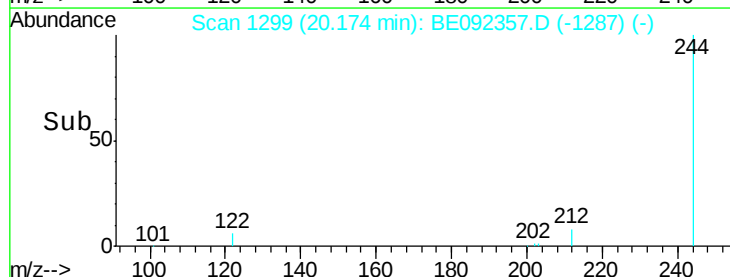
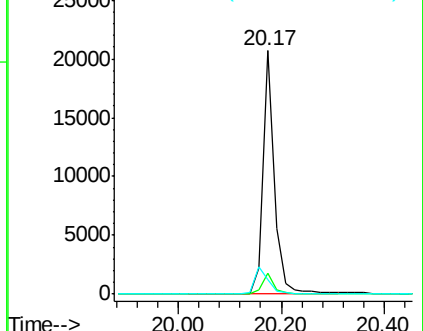
122 5.8 3.6 5.4#

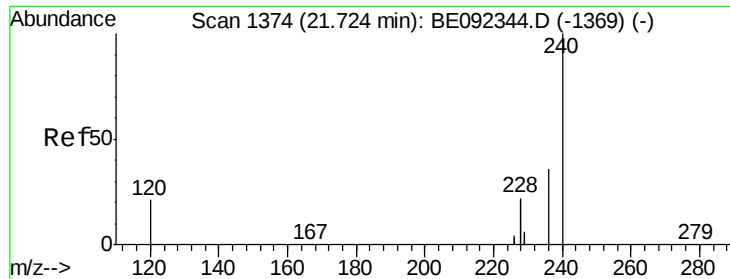


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

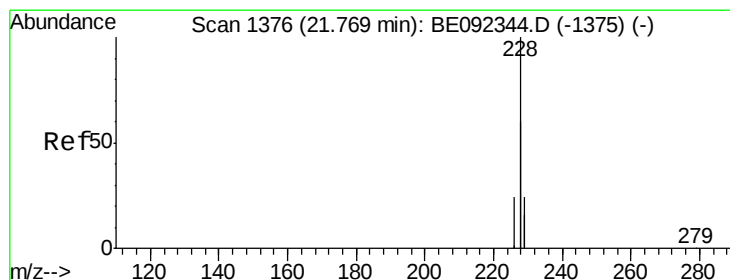
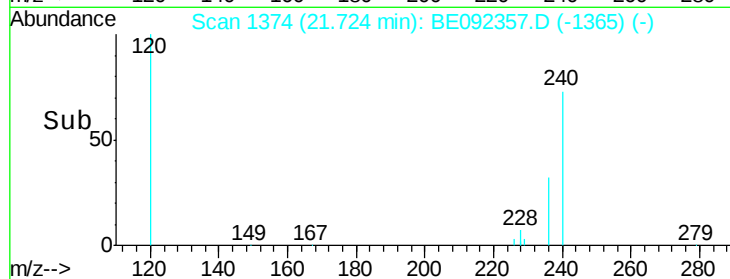
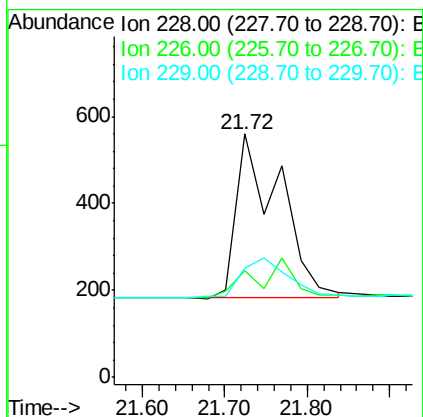
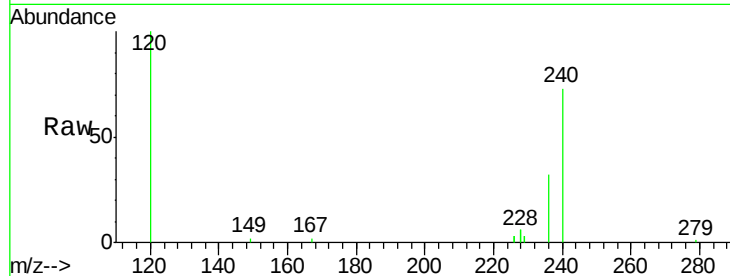




#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

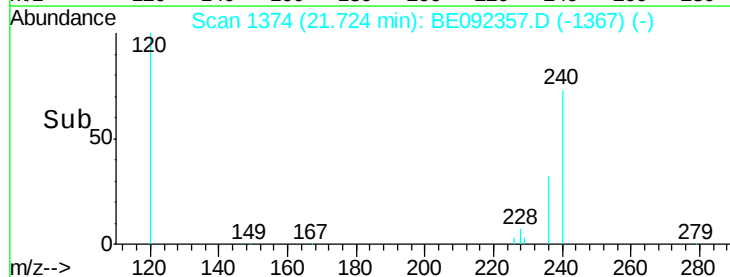
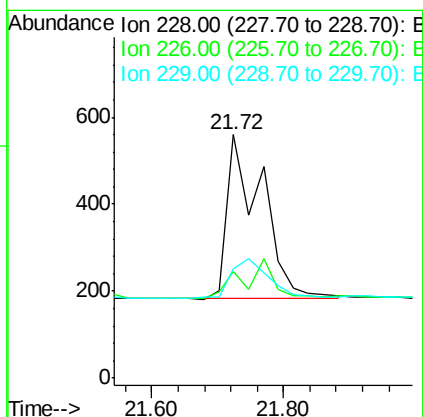
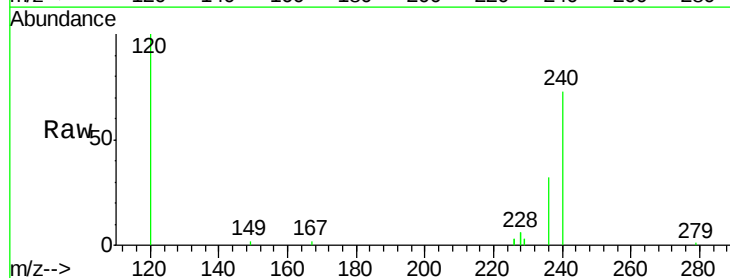
Instrument :
BNA_E
ClientSampleId :
PB93313BL

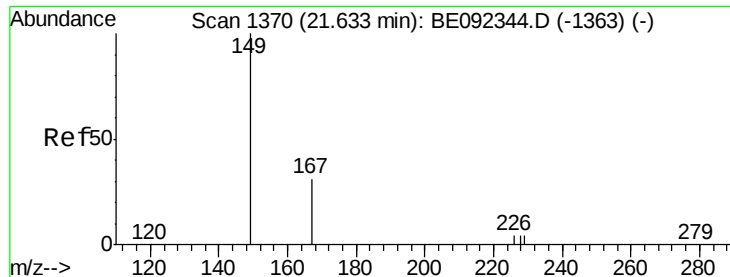
Tgt Ion:228 Resp: 1378
Ion Ratio Lower Upper
228 100
226 43.9 23.6 35.4#
229 45.0 13.3 19.9#



#28
Chrysene
Concen: Below Cal
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Tgt Ion:228 Resp: 1399
Ion Ratio Lower Upper
228 100
226 43.9 36.3 54.5
229 45.0 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

Instrument :

BNA_E

ClientSampled :

PB93313BL

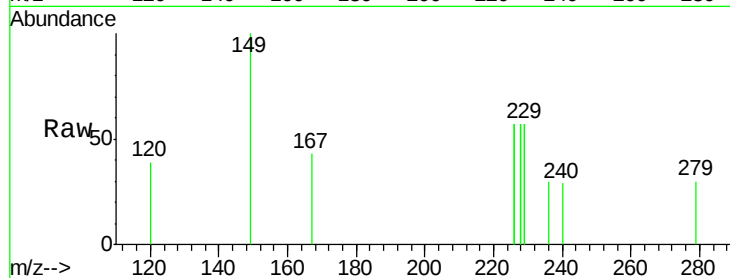
Tgt Ion:149 Resp: 170

Ion Ratio Lower Upper

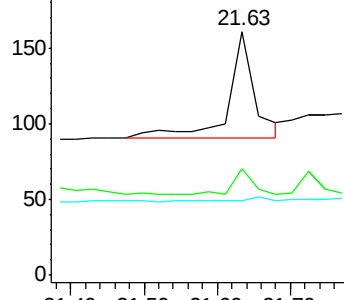
149 100

167 18.2 16.0 24.0

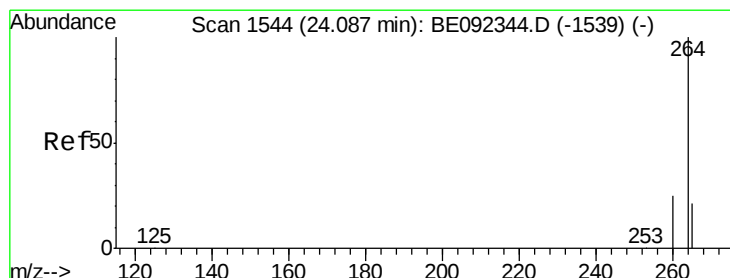
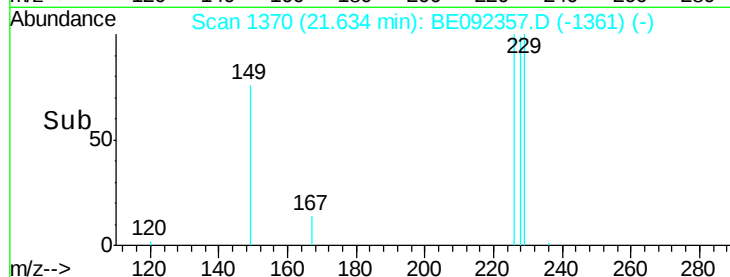
279 0.0 16.0 24.0#



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



Time--> 21.40 21.50 21.60 21.70



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.10 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BE092357.D

Acq: 9 Sep 2016 16:32

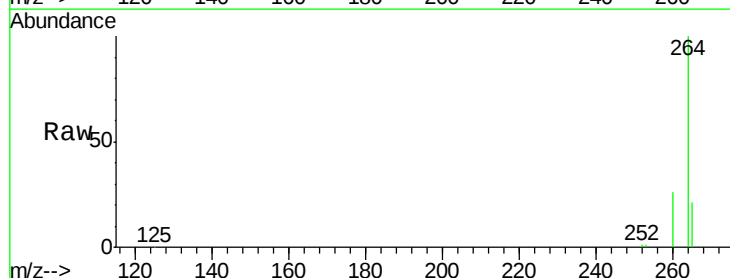
Tgt Ion:264 Resp: 54857

Ion Ratio Lower Upper

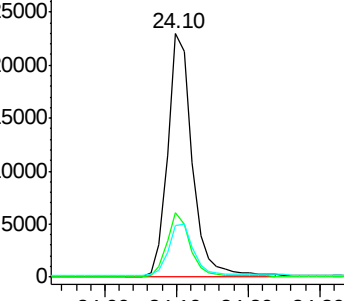
264 100

260 26.3 20.1 30.1

265 21.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 24.00 24.10 24.20 24.30

