

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092250.D
 Acq On : 10 Aug 2016 12:15
 Operator : UM/SJ
 Sample : H4227-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160725

Quant Time: Aug 10 18:44:18 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13499	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	61021	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	34601	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	86144	5.00	ng	0.00
24) Chrysene-d12	21.73	240	85718	5.00	ng	-0.02
31) Perylene-d12	24.12	264	92335	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	5666	1.92	ng	0.00
5) Phenol-d6	7.34	99	6336	1.49	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10998	2.55	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	4745	3.65	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	28920	2.70	ng	-0.01
26) Terphenyl-d14	20.19	244	53719	3.71	ng	0.00

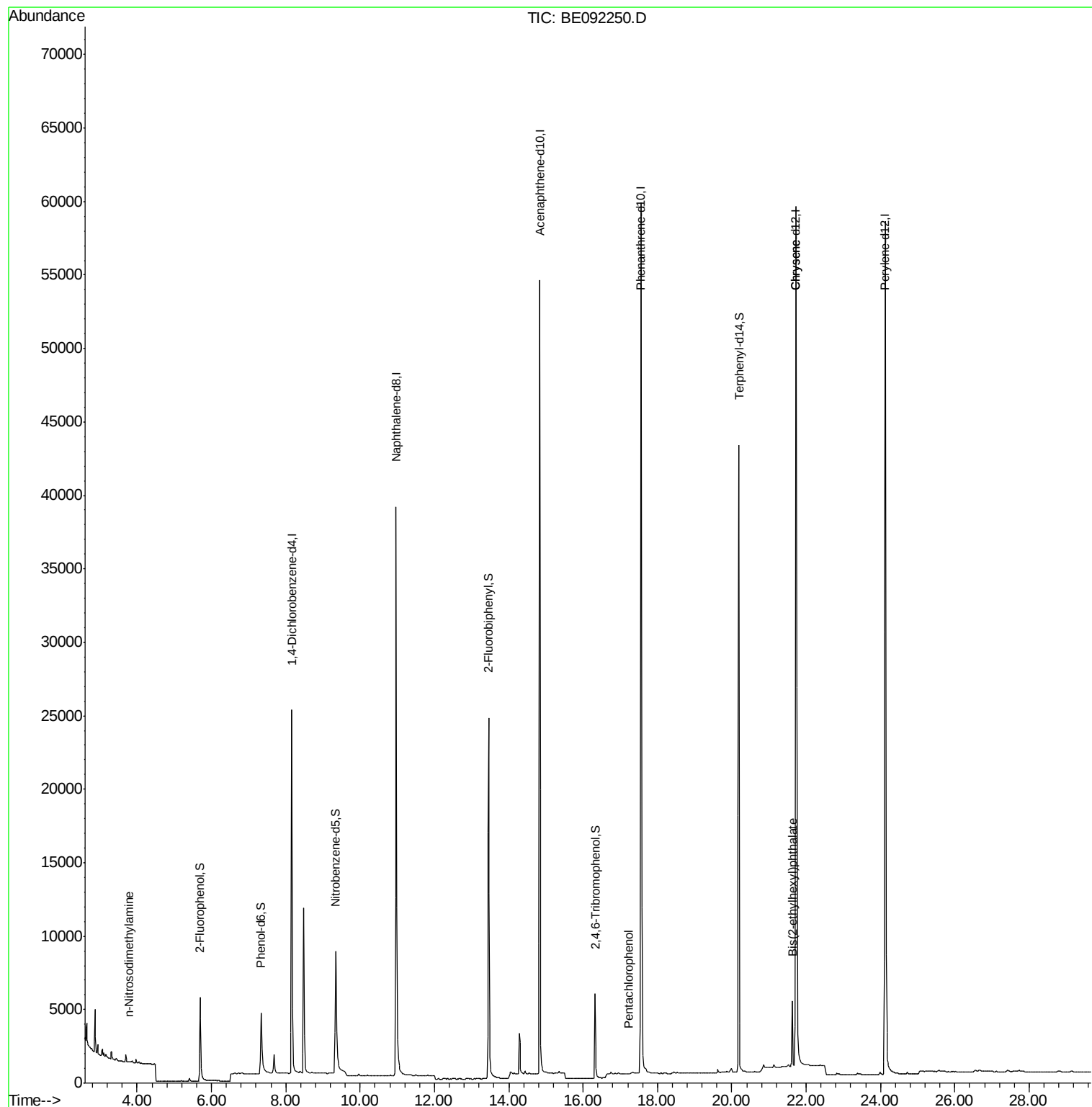
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	114	Below Cal	#	20
3) n-Nitrosodimethylamine	3.77	42	26	0.17 ng	#	10
20) Pentachlorophenol	17.24	266	10	0.17 ng	#	81
28) Chrysene	21.73	228	1959	0.02 ng	#	77
29) Bis(2-ethylhexyl)phthalate	21.64	149	5035	0.51 ng	#	97

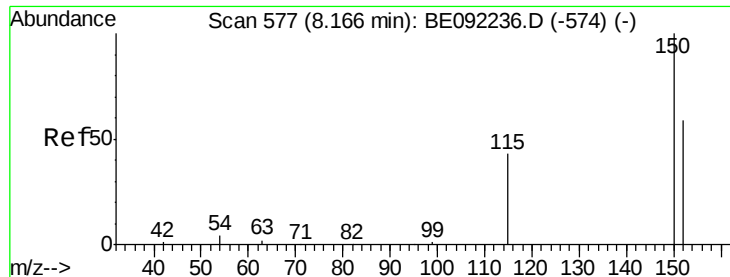
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

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BNA_E

ClientSampleId :

KY038PS027-160725

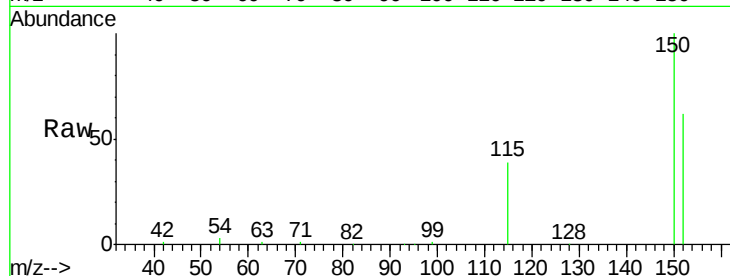
Tgt Ion:152 Resp: 13499

Ion Ratio Lower Upper

152 100

150 161.6 135.6 203.4

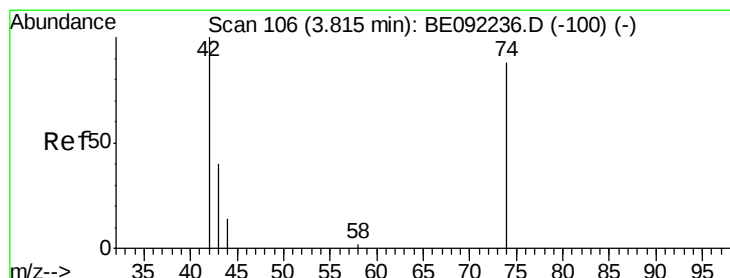
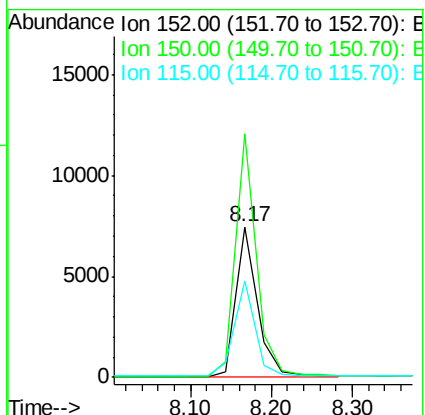
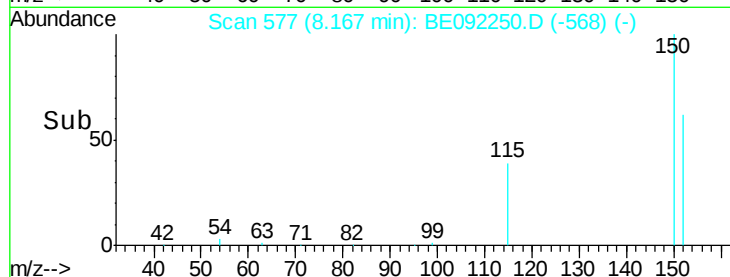
115 63.6 59.4 89.0



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: 0.17 ng

RT: 3.77 min Scan# 102

Delta R.T. -0.05 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

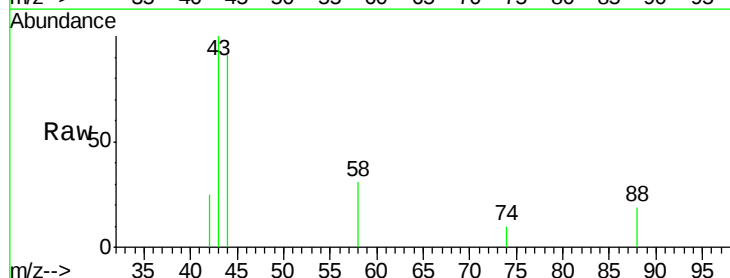
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

74 3.8 77.2 115.8#

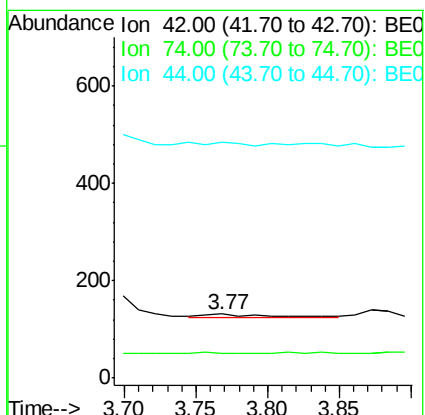
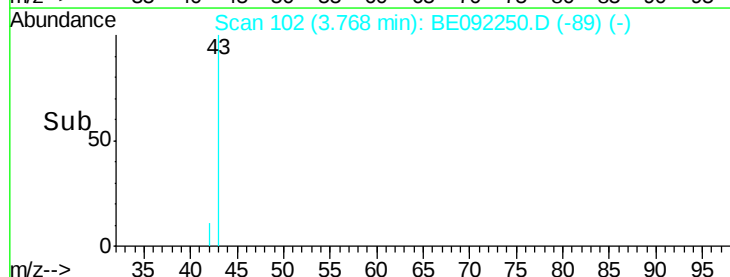
44 0.0 5.0 7.4#

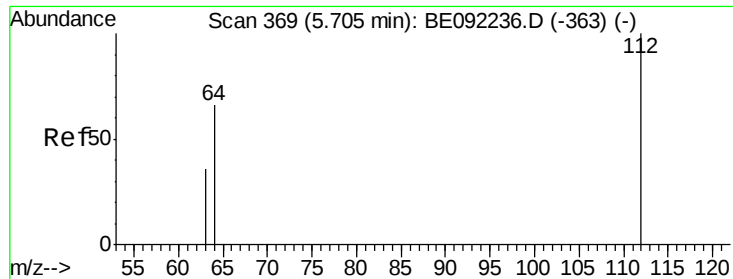


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 1.92 ng

RT: 5.70 min Scan# 368

Delta R.T. -0.01 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

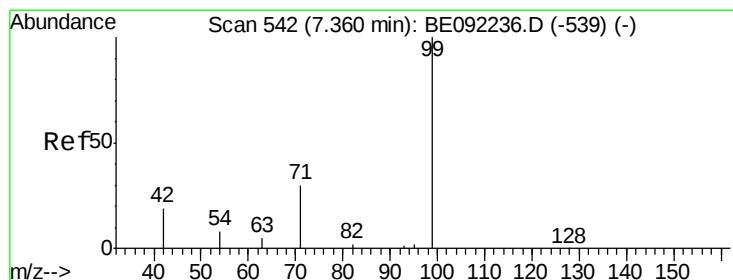
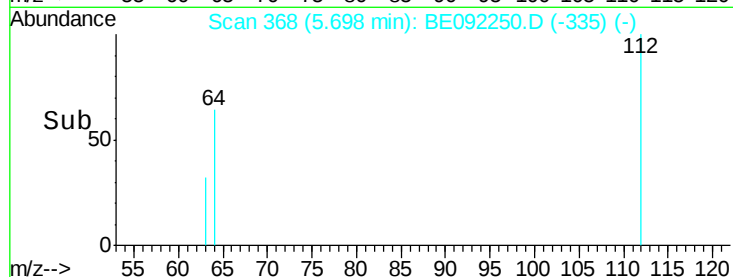
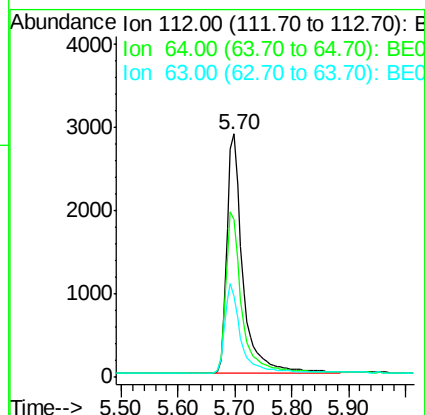
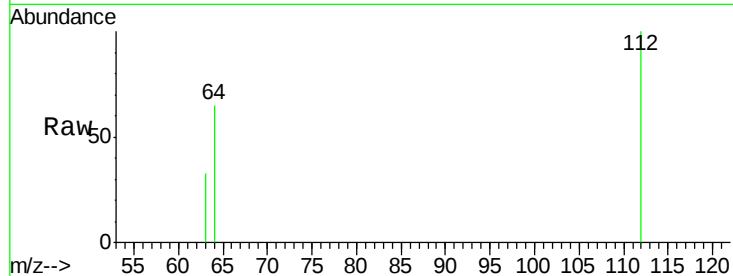
Instrument :

BNA_E

ClientSampleId :

KY038PS027-160725

Tgt Ion:	112	Resp:	5666
Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.2	79.8
63	36.8	27.4	41.2



#5

Phenol-d6

Concen: 1.49 ng

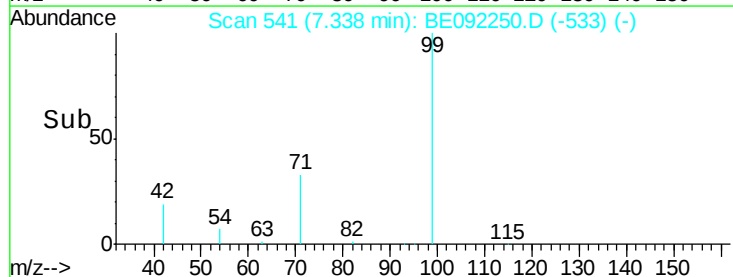
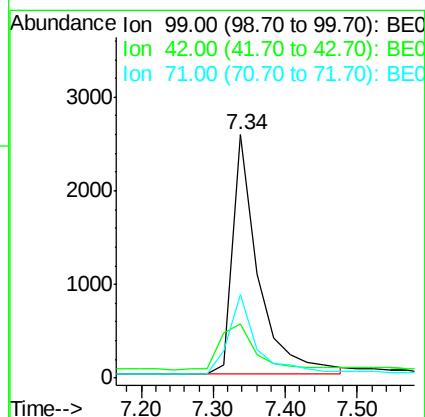
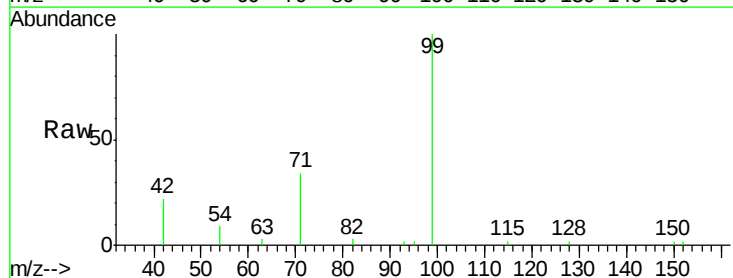
RT: 7.34 min Scan# 541

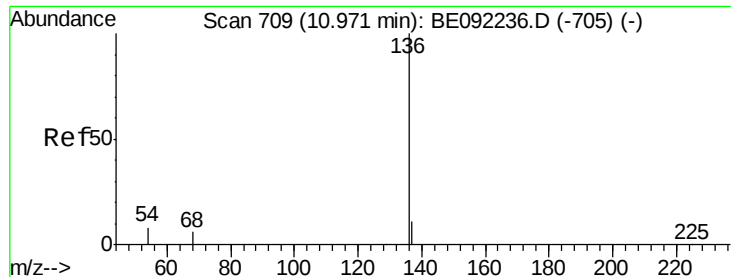
Delta R.T. -0.02 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

Tgt Ion:	99	Resp:	6336
Ion	Ratio	Lower	Upper
99	100		
42	26.5	0.0	0.0#
71	35.9	29.8	44.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160725

Tgt Ion:136 Resp: 61021

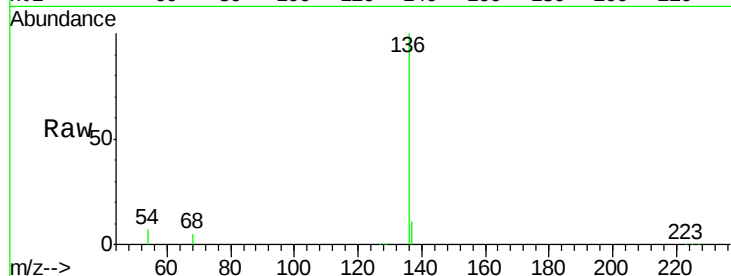
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 6.2 9.4

68 5.3 4.6 6.8

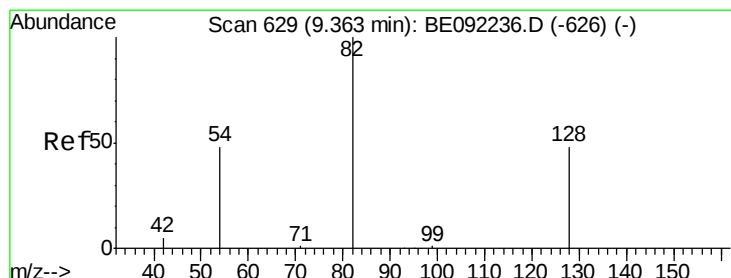
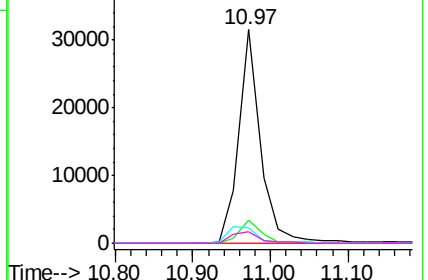
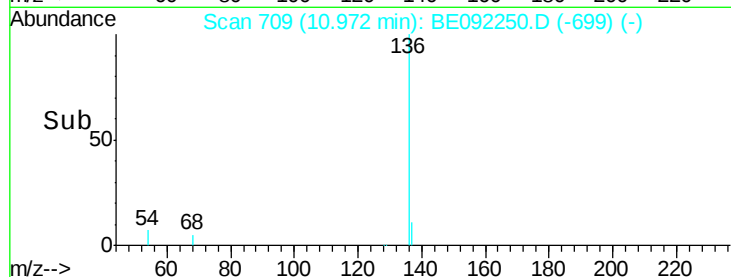


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.55 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

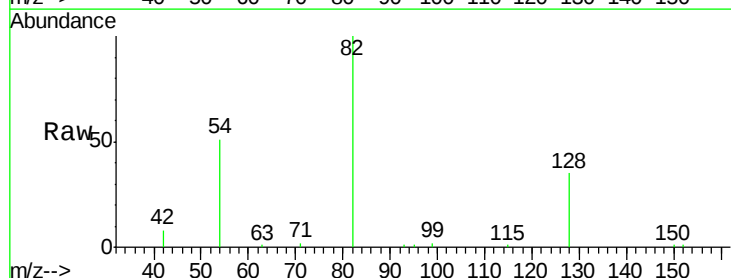
Tgt Ion: 82 Resp: 10998

Ion Ratio Lower Upper

82 100

128 35.1 45.0 67.4#

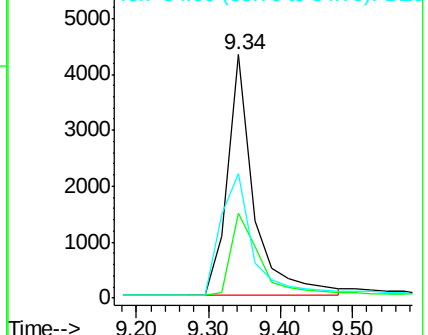
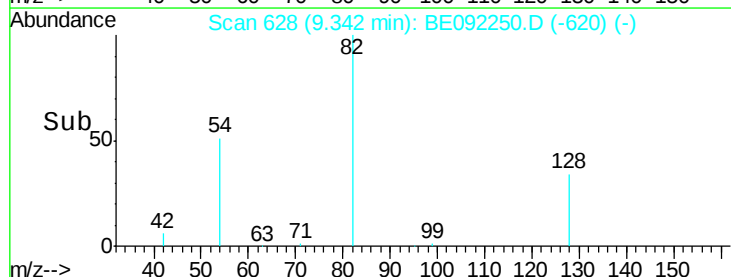
54 51.3 45.4 68.2

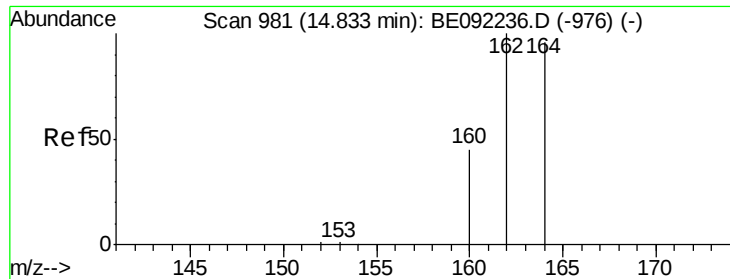


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160725

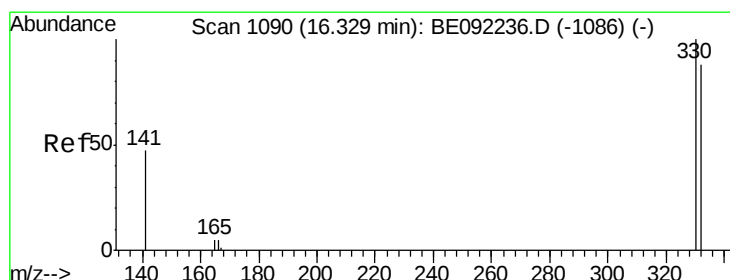
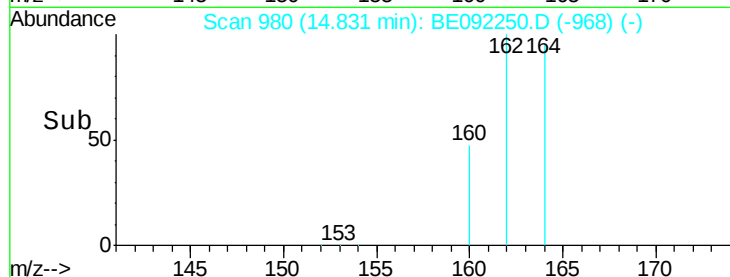
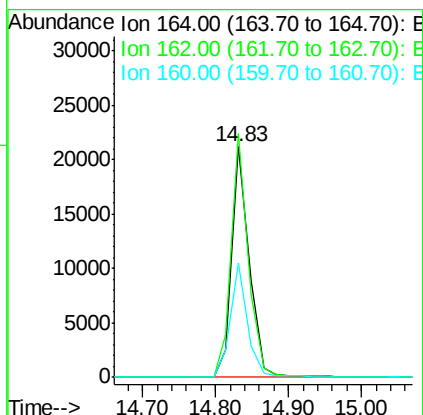
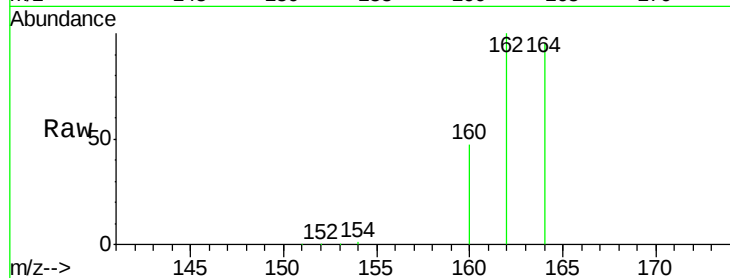
Tgt Ion:164 Resp: 34601

Ion Ratio Lower Upper

164 100

162 105.7 83.3 124.9

160 49.5 38.0 57.0



#13

2,4,6-Tribromophenol

Concen: 3.65 ng

RT: 16.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

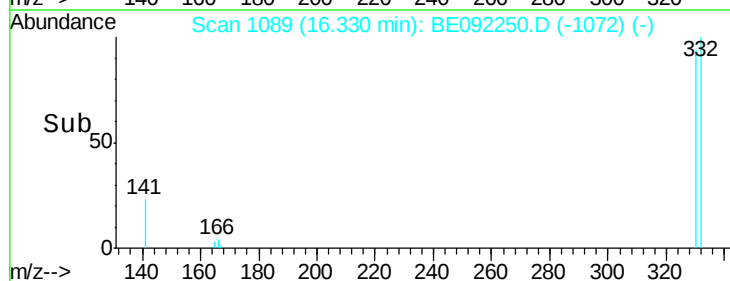
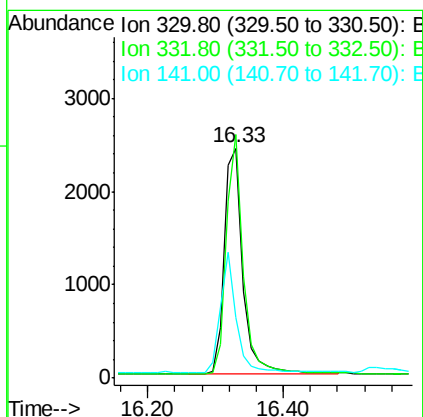
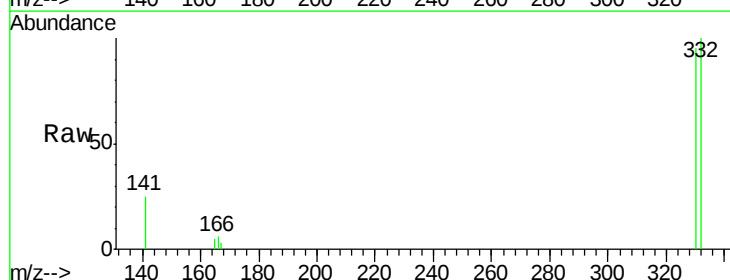
Tgt Ion:330 Resp: 4745

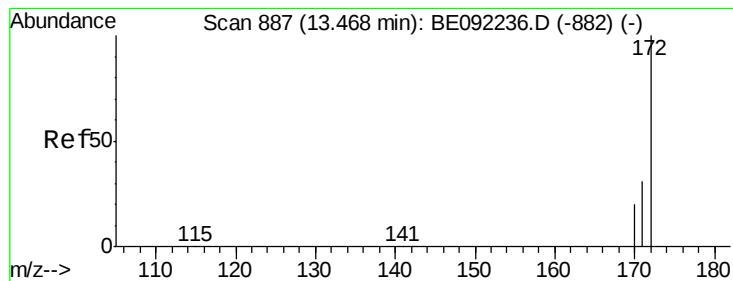
Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.0

141 45.2 37.7 56.5





#14

2-Fluorobiphenyl

Concen: 2.70 ng

RT: 13.46 min Scan# 886

Delta R.T. -0.01 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160725

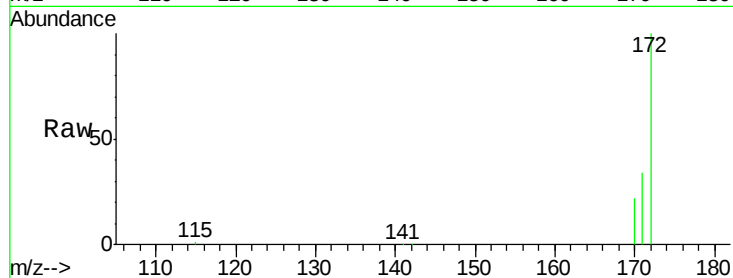
Tgt Ion:172 Resp: 28920

Ion Ratio Lower Upper

172 100

171 33.7 26.8 40.2

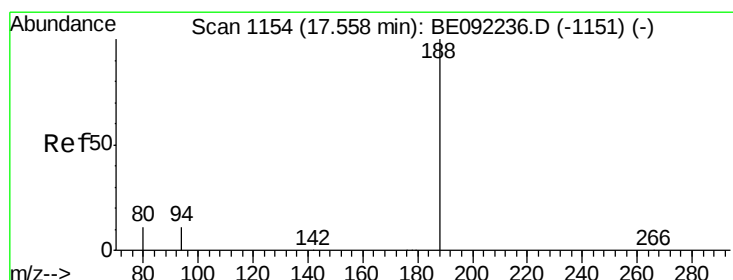
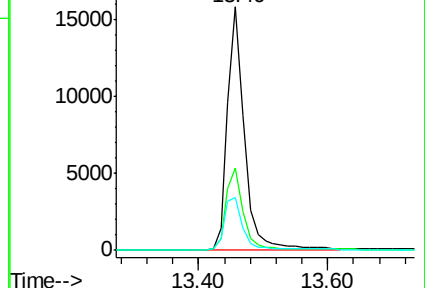
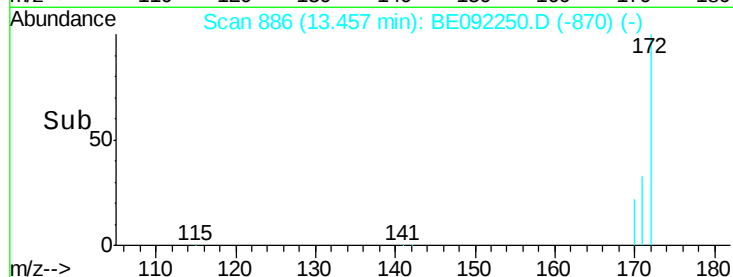
170 21.8 17.8 26.6



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: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

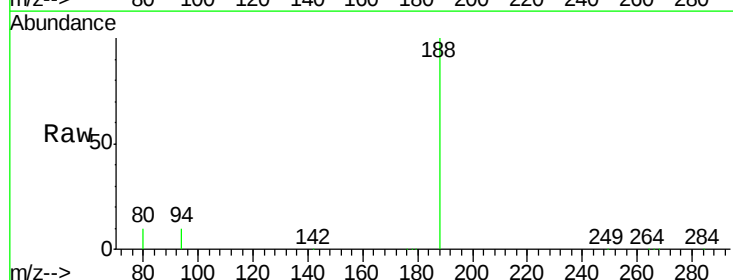
Tgt Ion:188 Resp: 86144

Ion Ratio Lower Upper

188 100

94 10.4 9.2 13.8

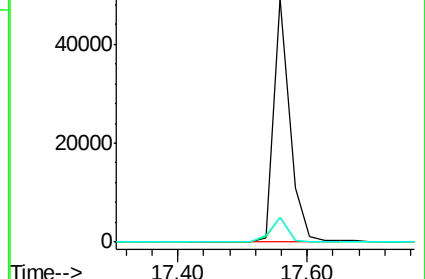
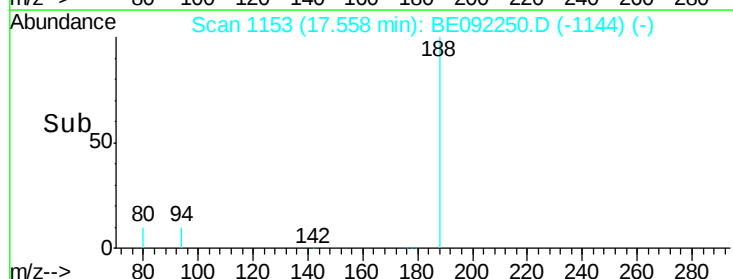
80 10.0 9.1 13.7

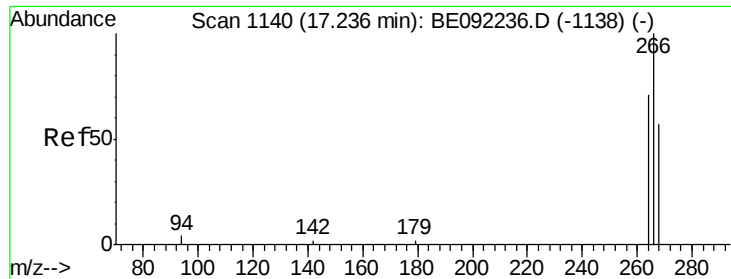


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

Pentachlorophenol

Concen: 0.17 ng

RT: 17.24 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE092250.D

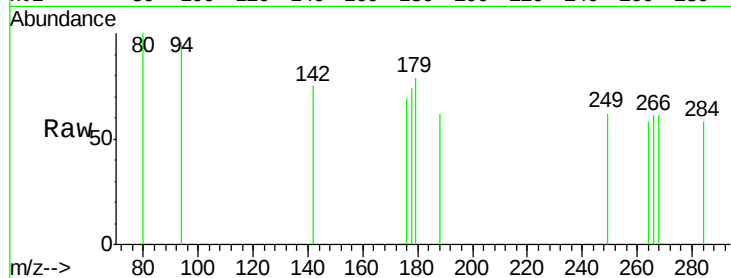
Acq: 10 Aug 2016 12:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160725



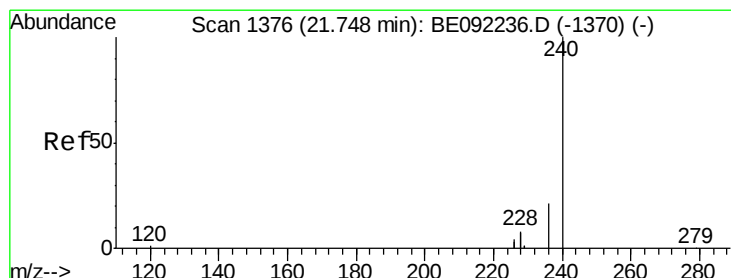
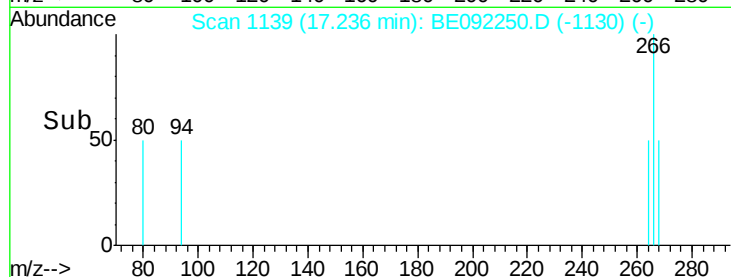
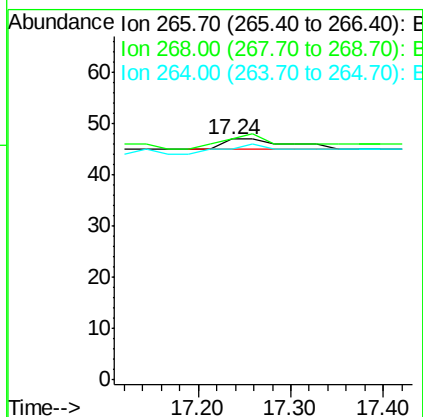
Tgt Ion: 266 Resp: 10

Ion Ratio Lower Upper

266 100

268 100.0 62.3 93.5#

264 95.7 67.4 101.0



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

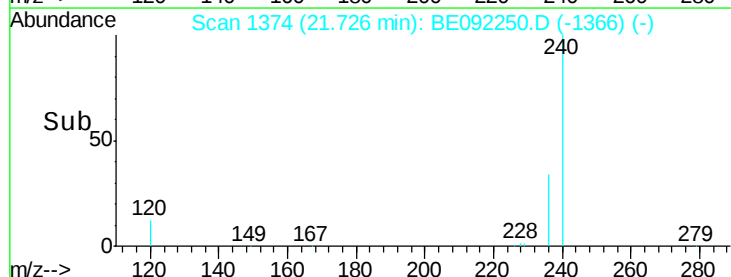
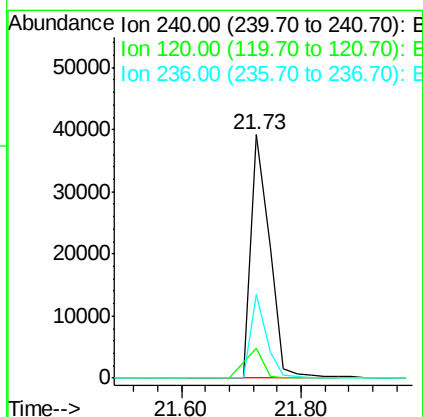
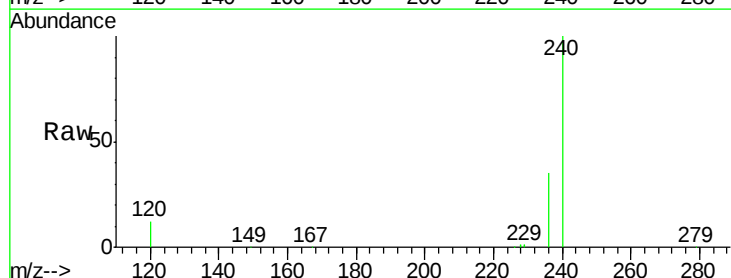
Tgt Ion: 240 Resp: 85718

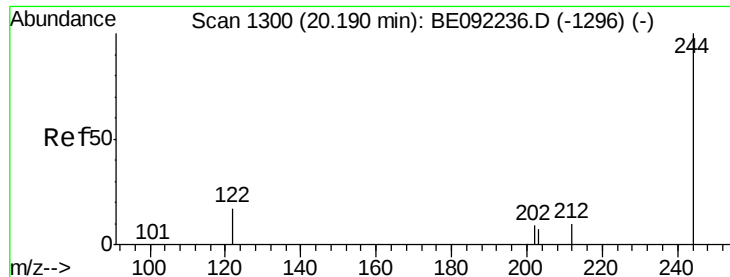
Ion Ratio Lower Upper

240 100

120 12.1 1.2 1.8#

236 34.6 17.1 25.7#





#26

Terphenyl-d14

Concen: 3.71 ng

RT: 20.19 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

Instrument :

BNA_E

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KY038PS027-160725

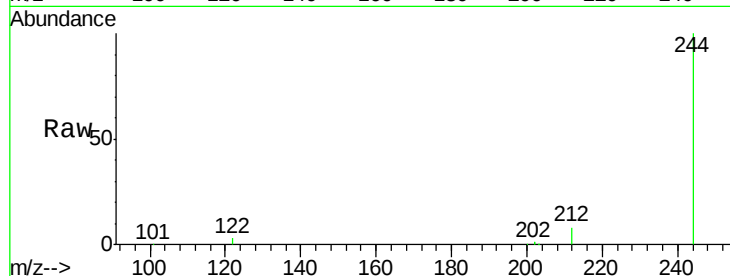
Tgt Ion:244 Resp: 53719

Ion Ratio Lower Upper

244 100

212 7.8 10.2 15.2#

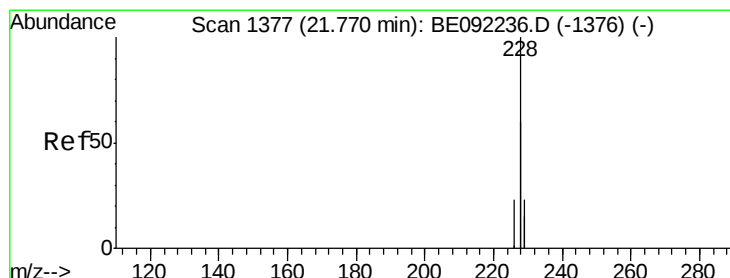
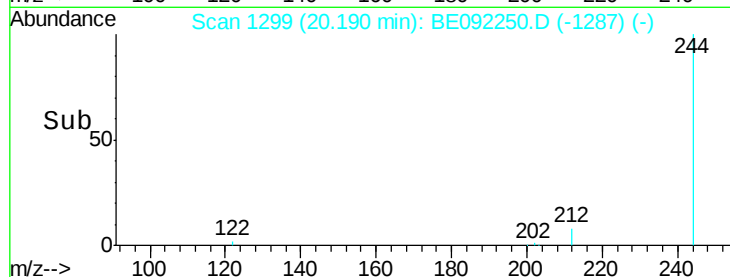
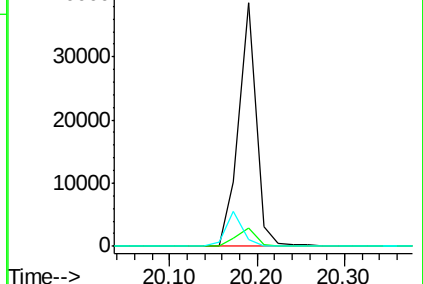
122 2.6 15.9 23.9#



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



#28

Chrysene

Concen: 0.02 ng

RT: 21.73 min Scan# 1374

Delta R.T. -0.04 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

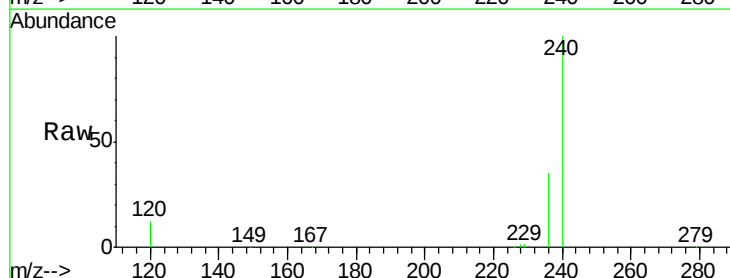
Tgt Ion:228 Resp: 1959

Ion Ratio Lower Upper

228 100

226 26.4 18.3 27.5

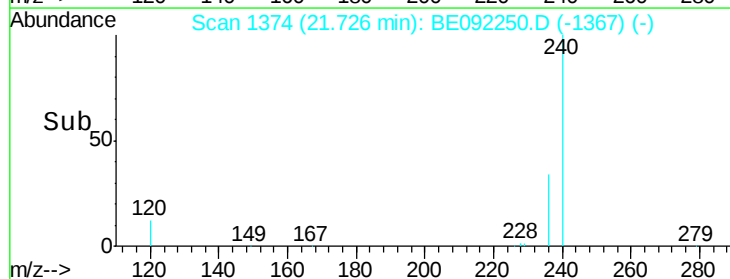
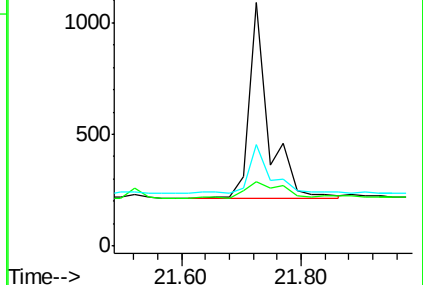
229 41.5 18.6 27.8#

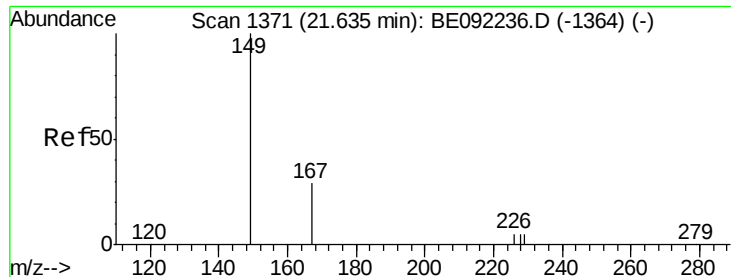


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.64 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160725

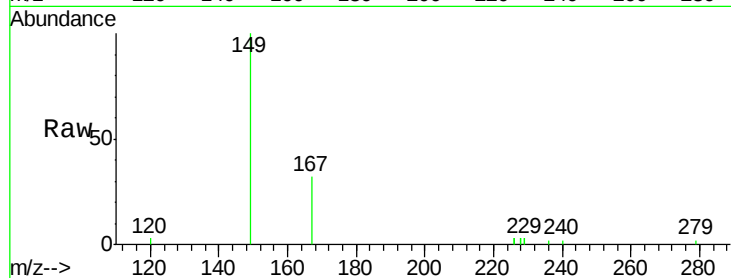
Tgt Ion:149 Resp: 5035

Ion Ratio Lower Upper

149 100

167 29.2 22.1 33.1

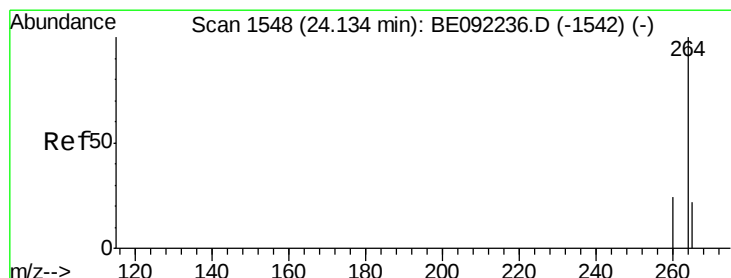
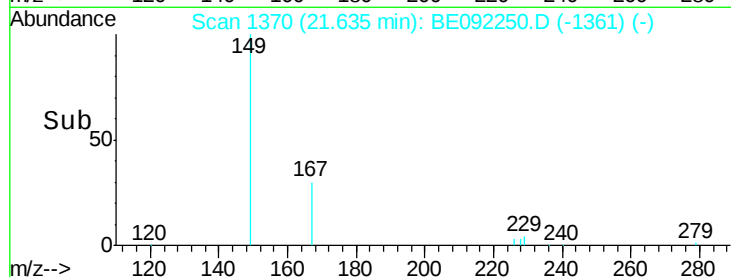
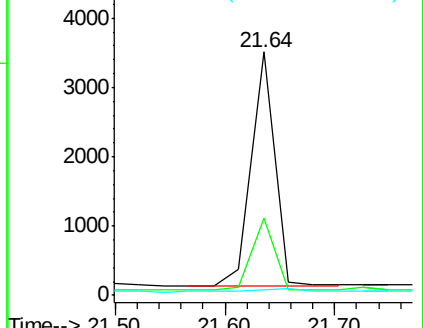
279 0.0 0.0 0.0



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: 24.12 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BE092250.D

Acq: 10 Aug 2016 12:15

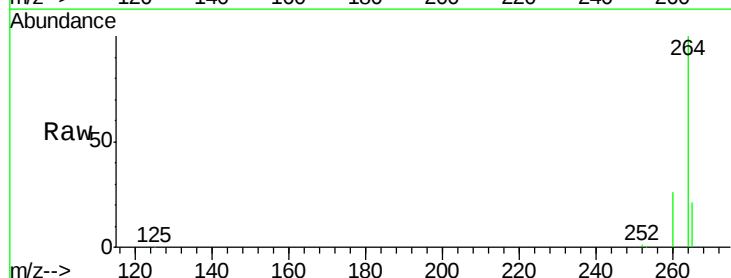
Tgt Ion:264 Resp: 92335

Ion Ratio Lower Upper

264 100

260 26.1 19.5 29.3

265 20.8 18.2 27.4



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

