

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121916\
 Data File : BE092612.D
 Acq On : 19 Dec 2016 17:56
 Operator : UM/SJ
 Sample : H6064-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-161213

Quant Time: Dec 20 00:53:23 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8081	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	36807	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24835	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	51253	5.00	ng	-0.02
24) Chrysene-d12	21.72	240	69830	5.00	ng	0.00
31) Perylene-d12	24.06	264	64917	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	6890	4.47	ng	-0.03
5) Phenol-d6	7.34	99	5371	2.39	ng	-0.05
8) Nitrobenzene-d5	9.32	82	11380	4.49	ng	-0.05
13) 2,4,6-Tribromophenol	16.28	330	6810	9.46	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	29999	5.05	ng	-0.02
26) Terphenyl-d14	20.16	244	49573	5.79	ng	-0.02

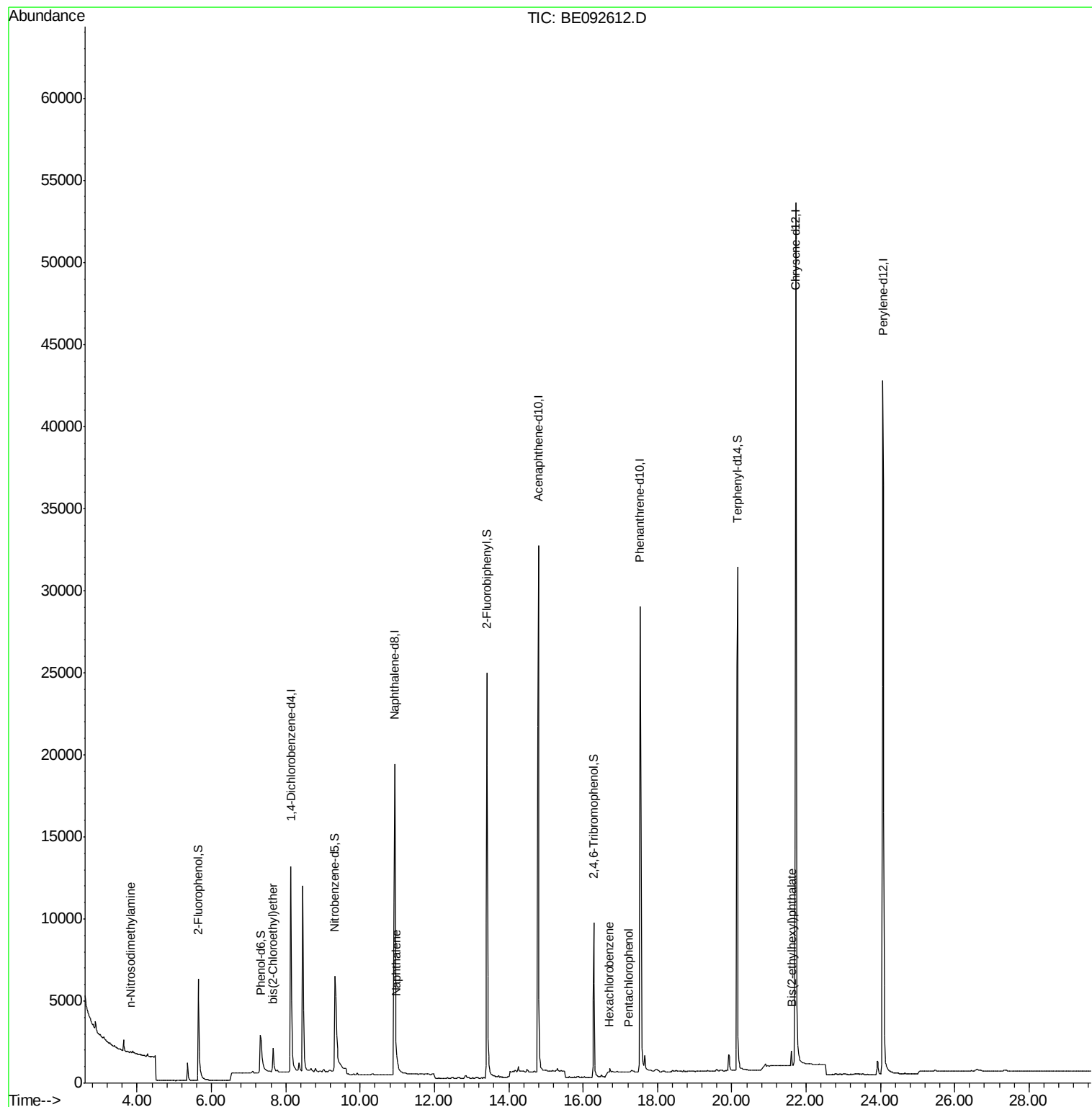
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	68	Below Cal	#	19
3) n-Nitrosodimethylamine	3.83	42	65	0.24	ng	10
6) bis(2-Chloroethyl)ether	7.66	93	26	0.12	ng	1
9) Naphthalene	10.97	128	161	0.02	ng	1
19) Hexachlorobenzene	16.70	284	303	0.14	ng	39
20) Pentachlorophenol	17.23	266	47	0.16	ng	77
29) Bis(2-ethylhexyl)phthalate	21.61	149	1005	0.22	ng	75

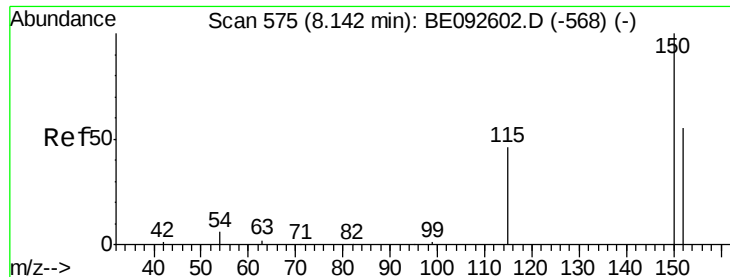
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

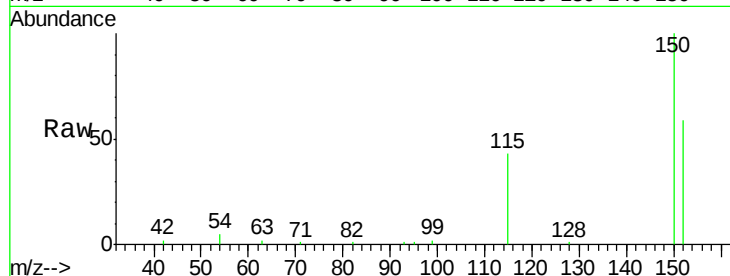
Tgt Ion:152 Resp: 8081

Ion Ratio Lower Upper

152 100

150 170.3 106.0 159.0#

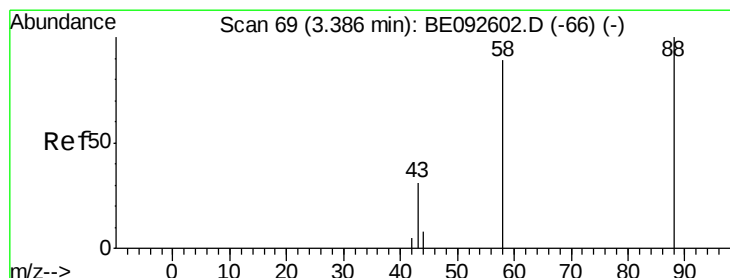
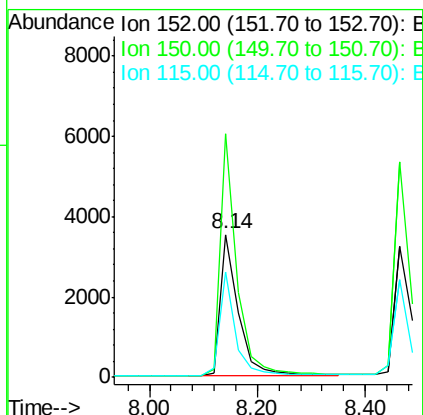
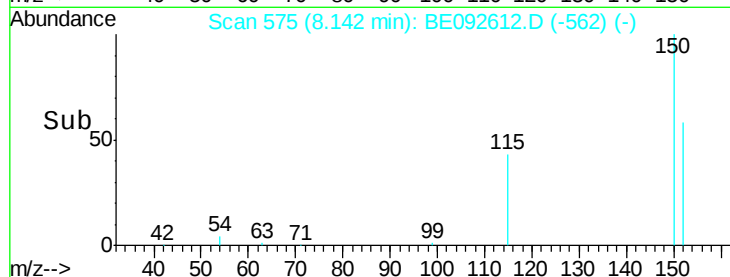
115 73.5 31.2 46.8#



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

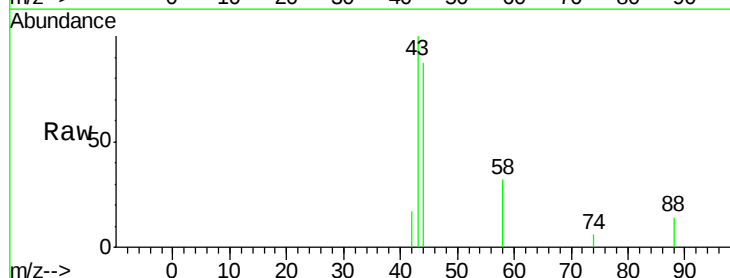
Tgt Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

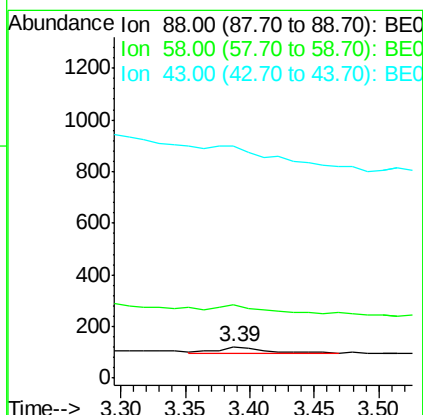
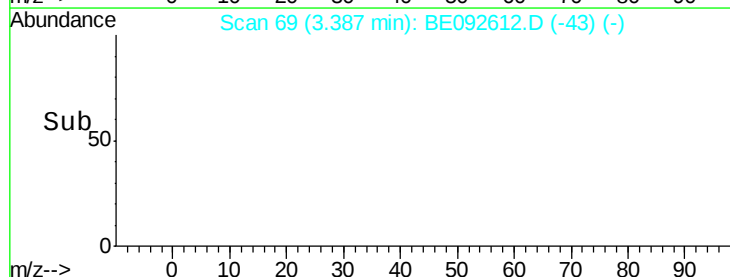
43 0.0 28.0 42.0#

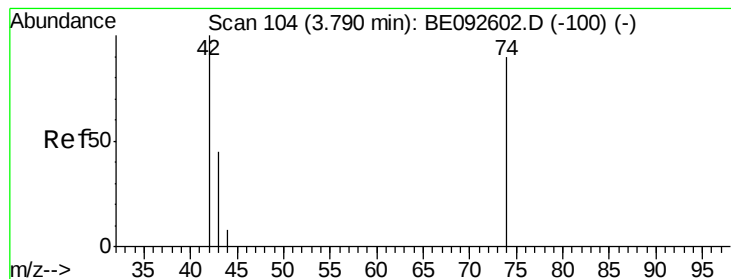


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.24 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.04 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

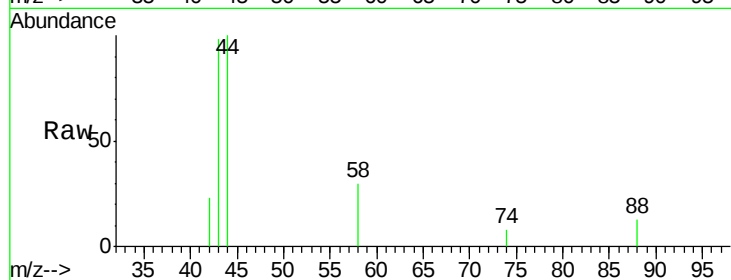
Tgt Ion: 42 Resp: 65

Ion Ratio Lower Upper

42 100

74 9.2 86.0 129.0#

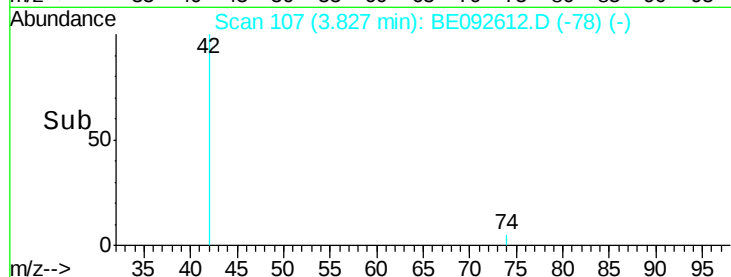
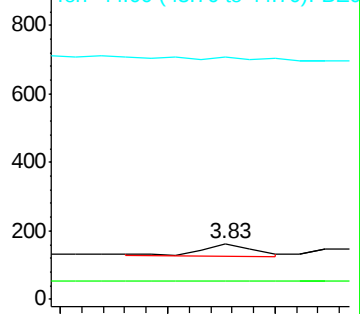
44 0.0 5.1 7.7#



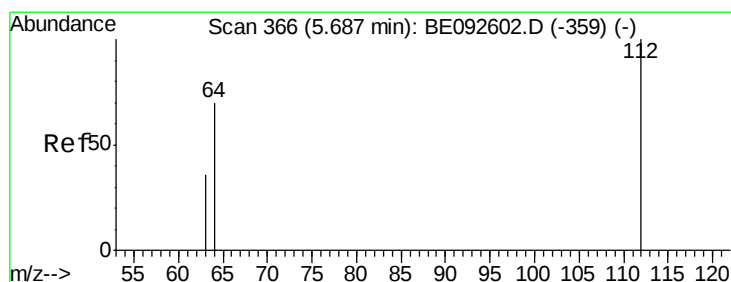
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 4.47 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

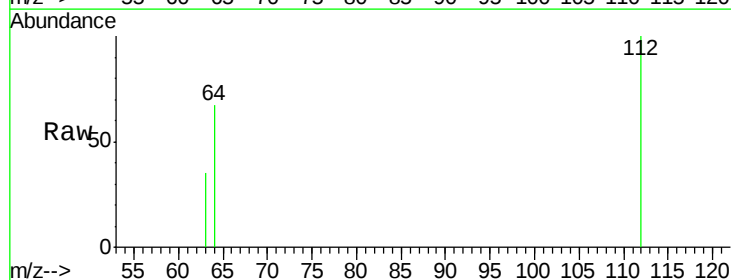
Tgt Ion: 112 Resp: 6890

Ion Ratio Lower Upper

112 100

64 69.7 53.5 80.3

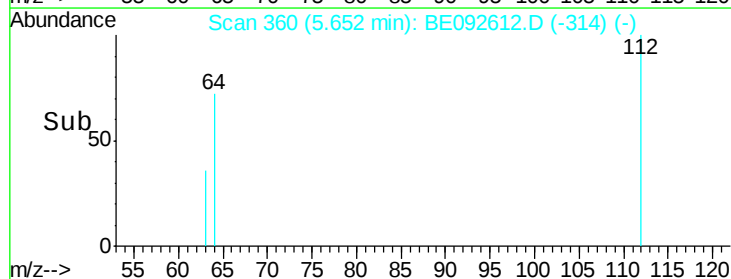
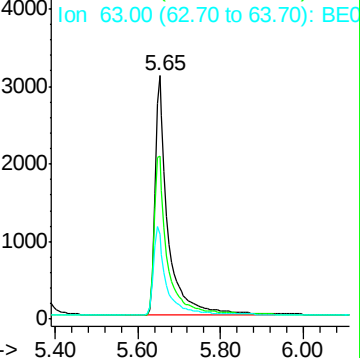
63 37.4 27.9 41.9



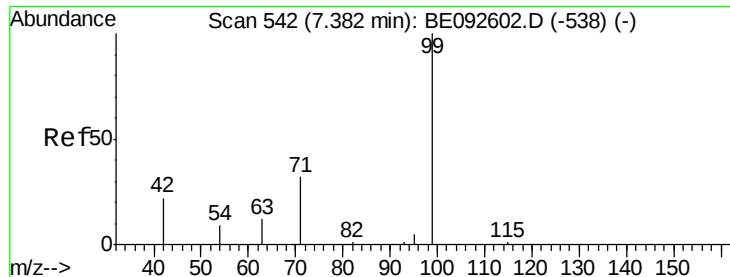
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 2.39 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.05 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

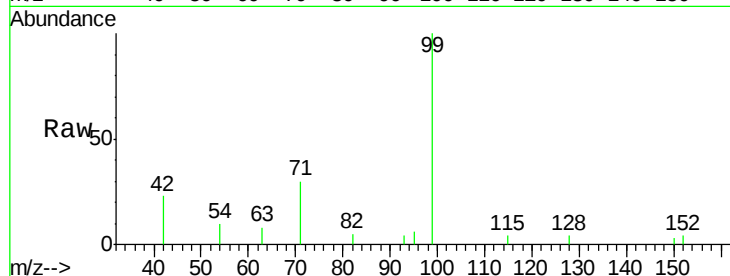
Tgt Ion: 99 Resp: 5371

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

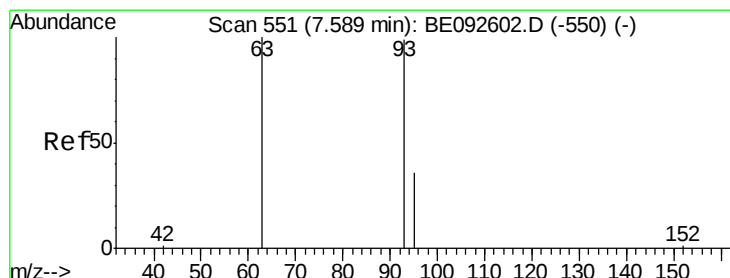
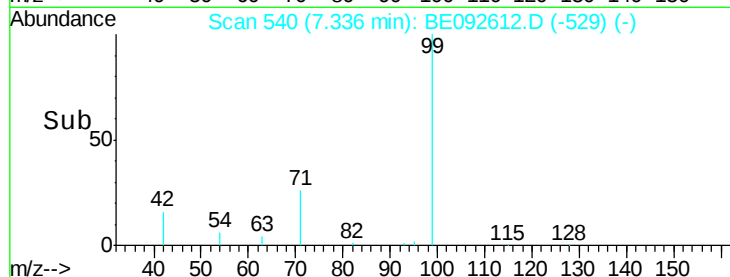
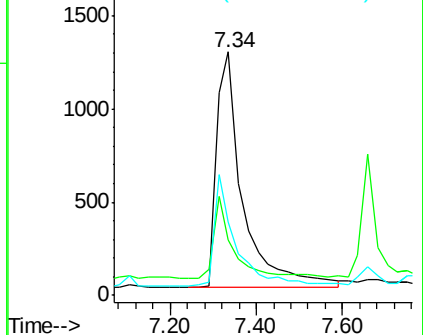
71 0.0 30.6 45.8#



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: 0.12 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

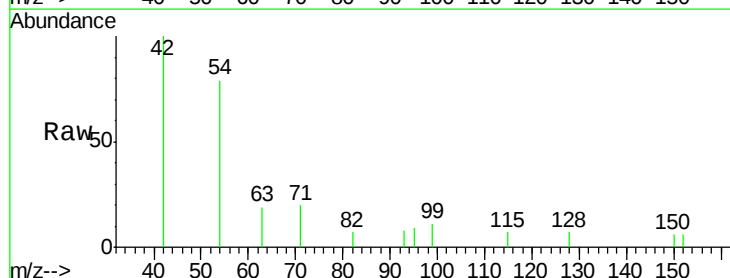
Tgt Ion: 93 Resp: 26

Ion Ratio Lower Upper

93 100

63 788.5 71.6 107.4#

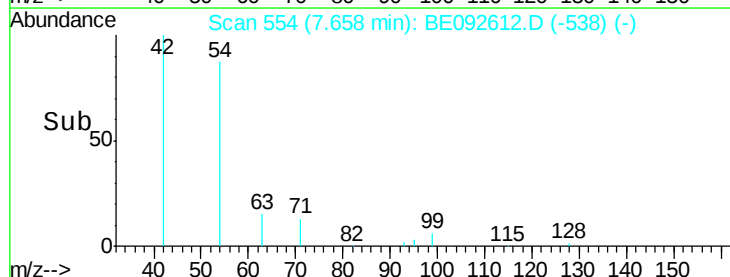
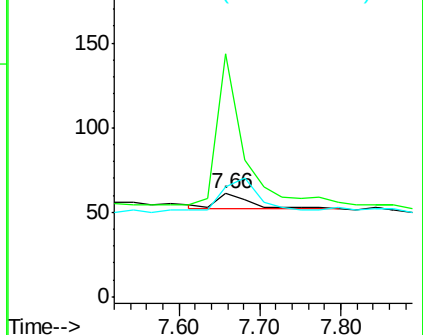
95 0.0 24.0 36.0#

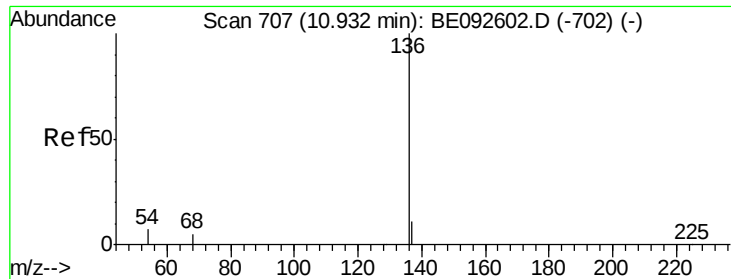


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

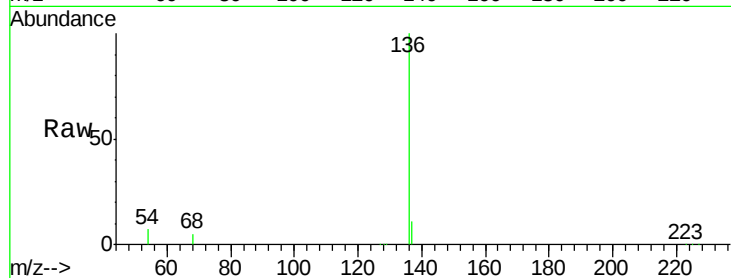
Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

Tgt Ion:	136	Resp:	36807
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	7.0	9.6	14.4#
68	5.1	6.7	10.1#

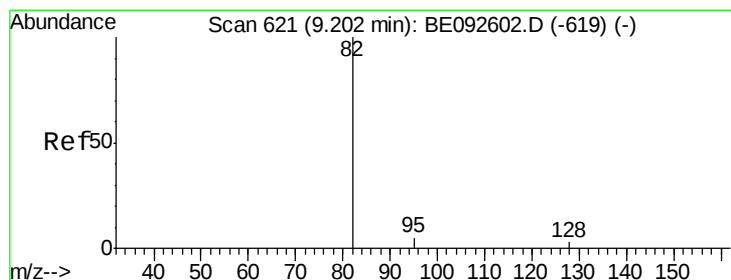
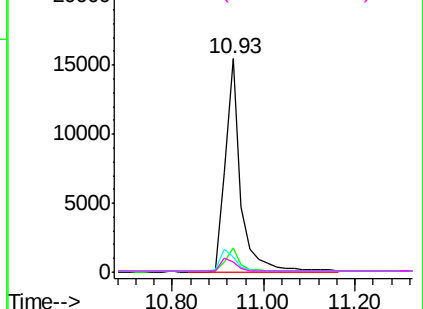
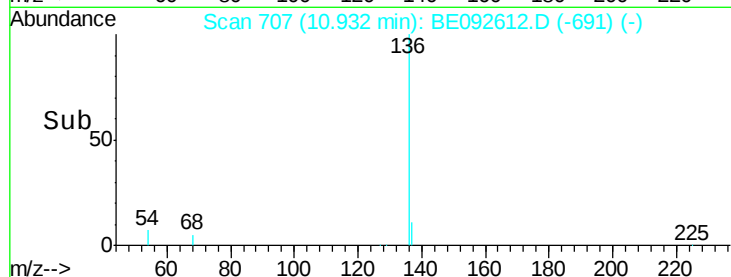


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.49 ng

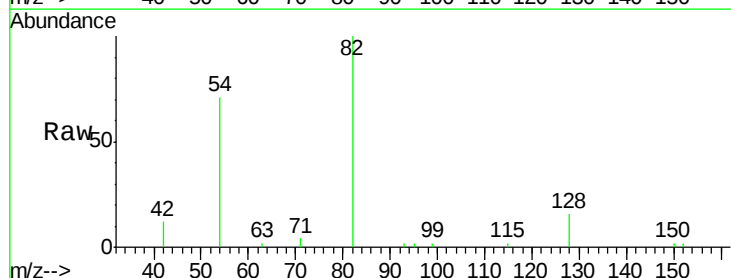
RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

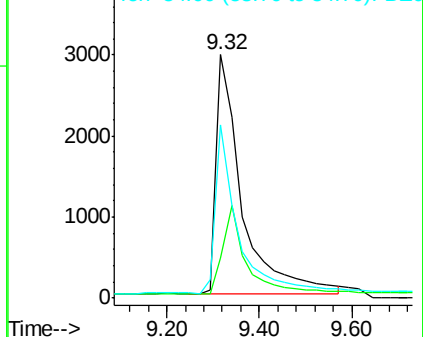
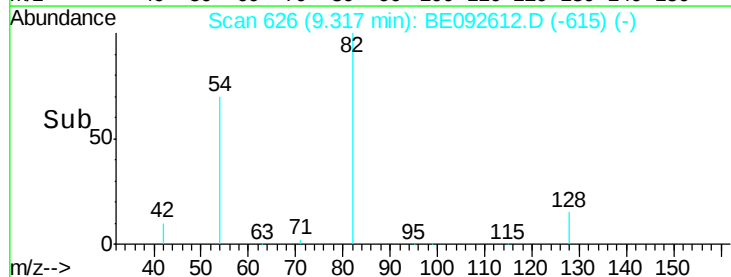
Tgt Ion:	82	Resp:	11380
Ion	Ratio	Lower	Upper
82	100		
128	16.3	39.0	58.4#
54	71.0	44.8	67.2#

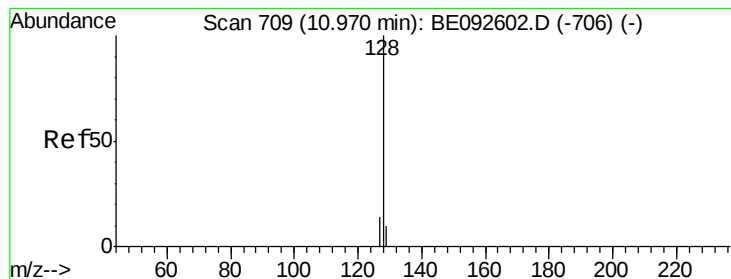


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.02 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

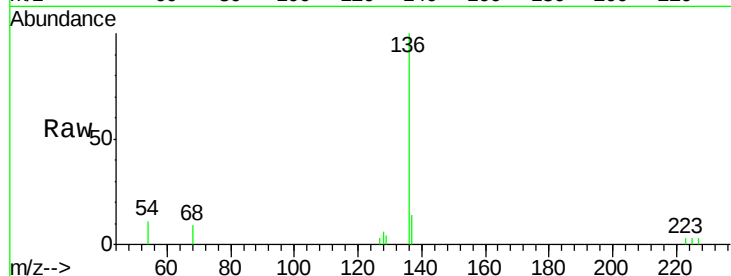
Tgt Ion:128 Resp: 161

Ion Ratio Lower Upper

128 100

129 58.4 11.2 16.8#

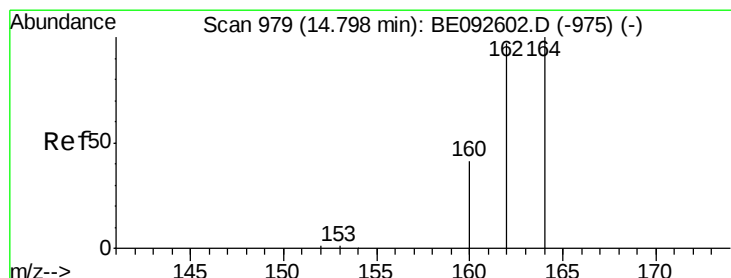
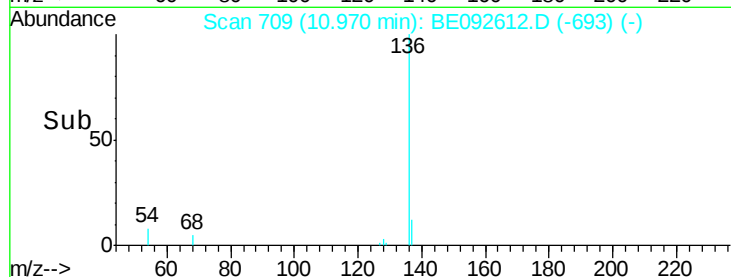
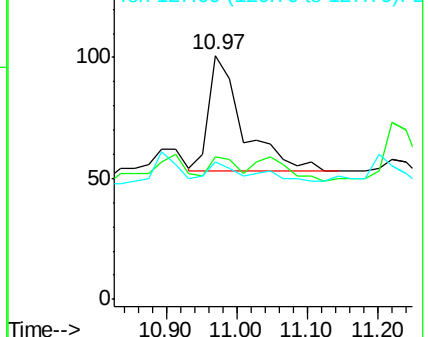
127 56.4 11.6 17.4#



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

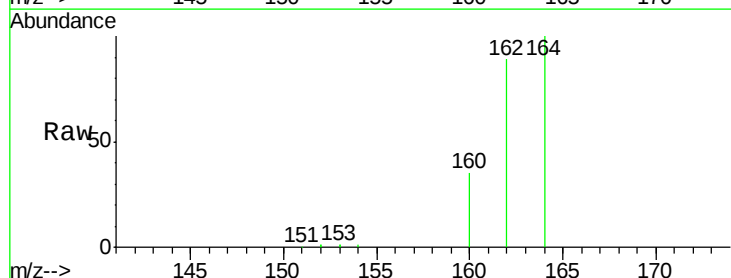
Tgt Ion:164 Resp: 24835

Ion Ratio Lower Upper

164 100

162 89.4 71.4 107.0

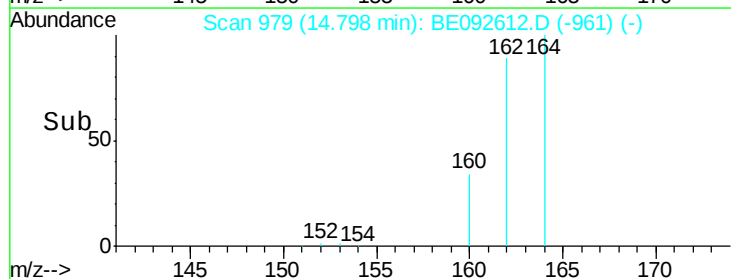
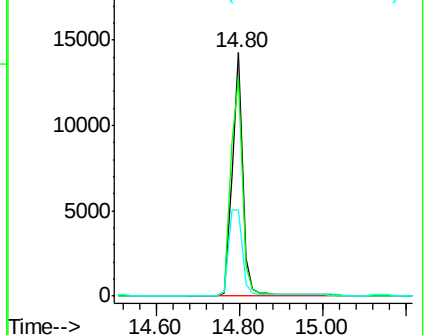
160 35.5 27.4 41.2

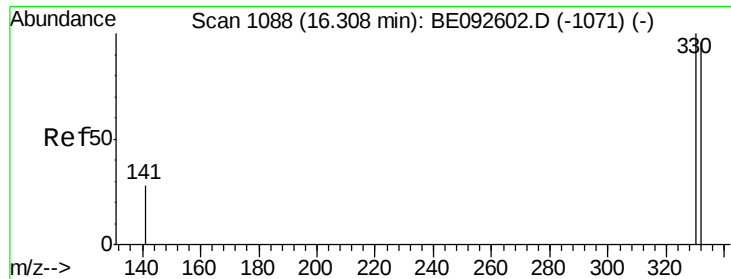


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

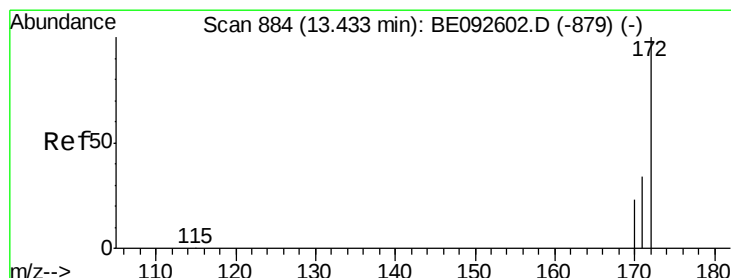
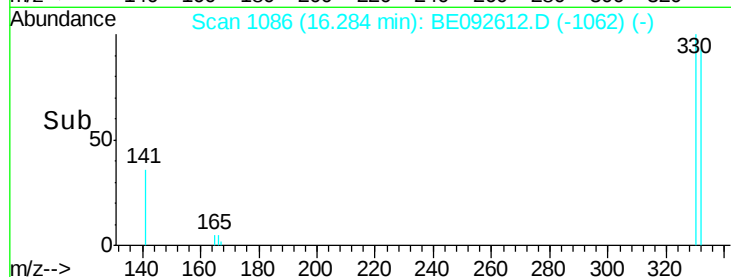
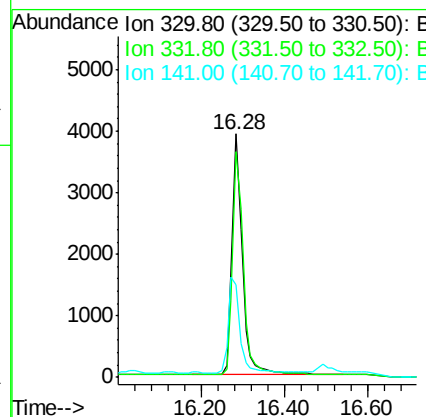
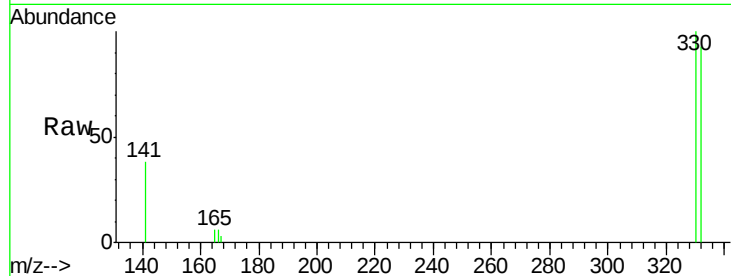




#13
 2,4,6-Tribromophenol
 Concen: 9.46 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092612.D
 Acq: 19 Dec 2016 17:56

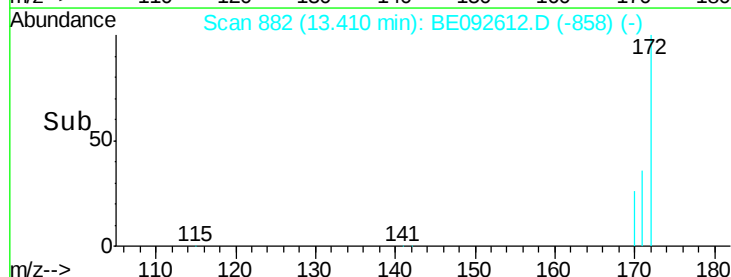
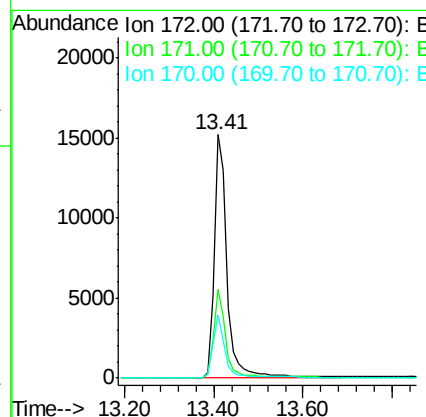
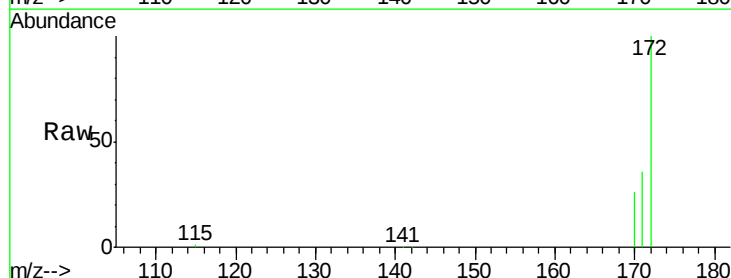
Instrument :
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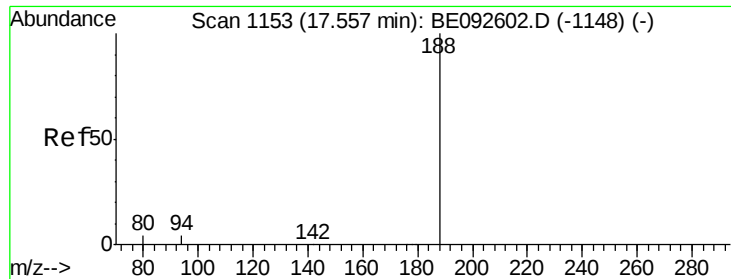
Tgt Ion: 330 Resp: 6810
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 45.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.05 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092612.D
 Acq: 19 Dec 2016 17:56

Tgt Ion: 172 Resp: 29999
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.1 45.1
 170 26.0 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

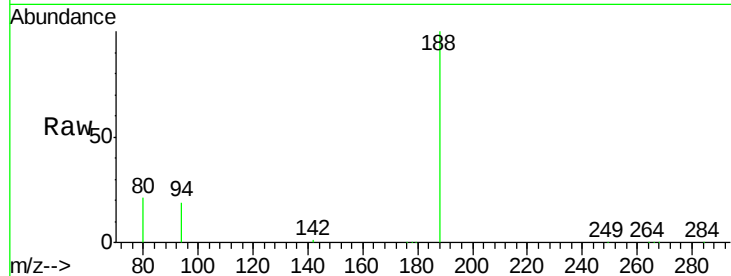
Tgt Ion:188 Resp: 51253

Ion Ratio Lower Upper

188 100

94 18.6 3.2 4.8#

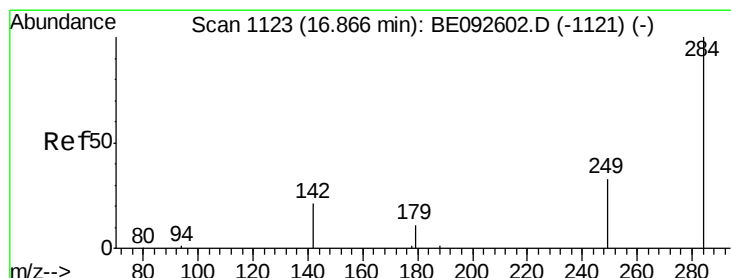
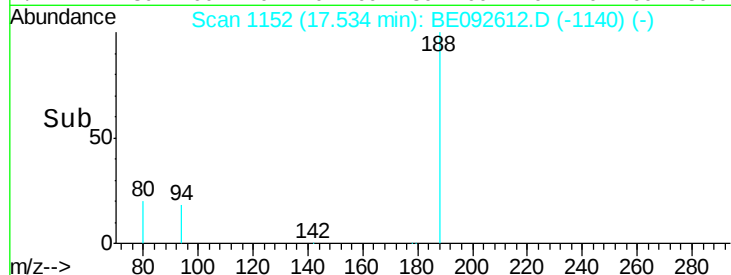
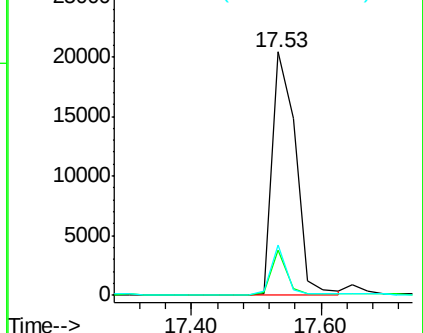
80 20.7 2.6 3.8#



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: 0.14 ng

RT: 16.70 min Scan# 1116

Delta R.T. -0.16 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

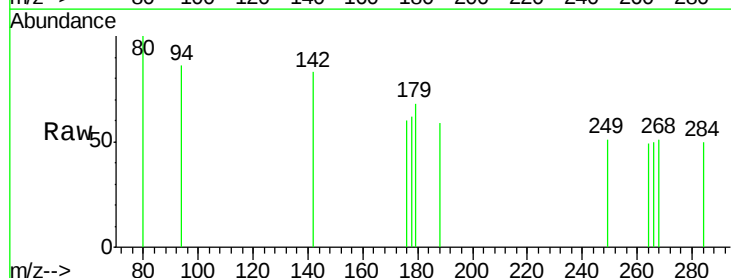
Tgt Ion:284 Resp: 303

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

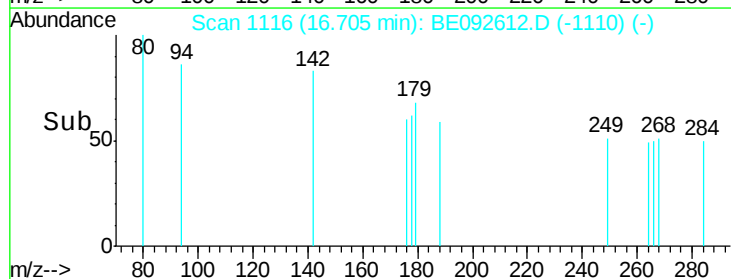
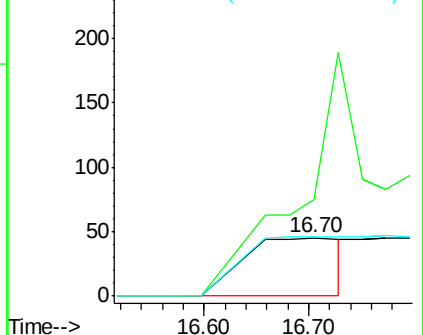
249 0.0 27.9 41.9#

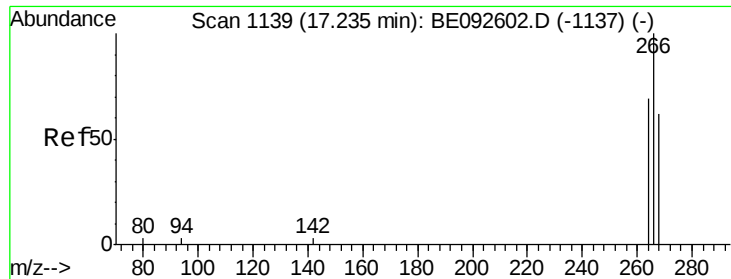


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#20

Pentachlorophenol

Concen: 0.16 ng

RT: 17.23 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

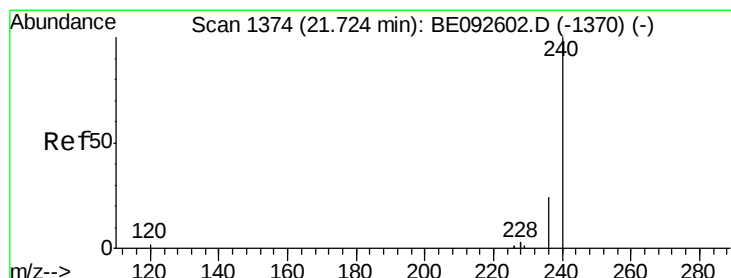
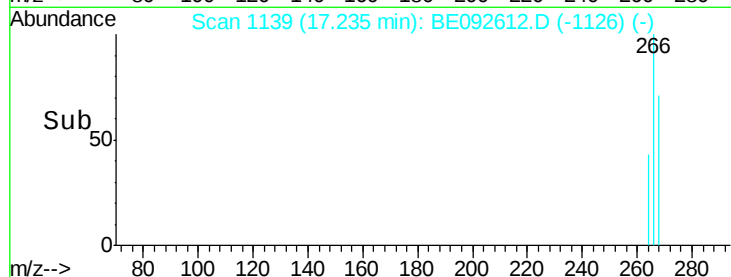
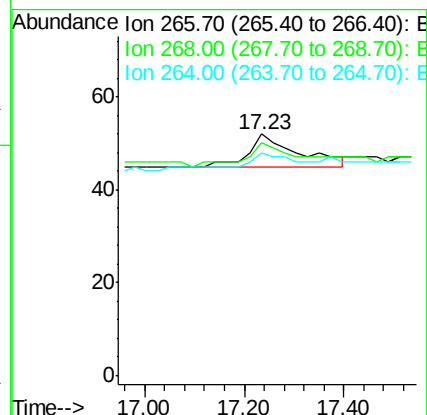
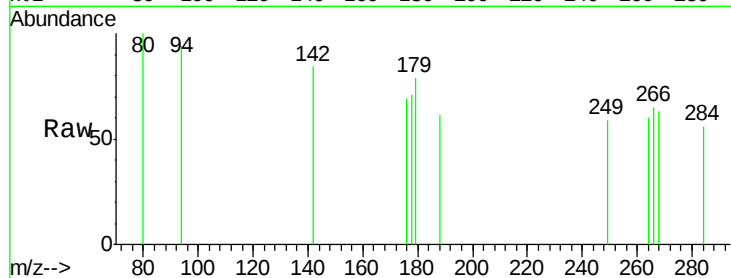
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

266 100

268 96.2 62.5 93.7#

264 92.3 57.2 85.8#



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

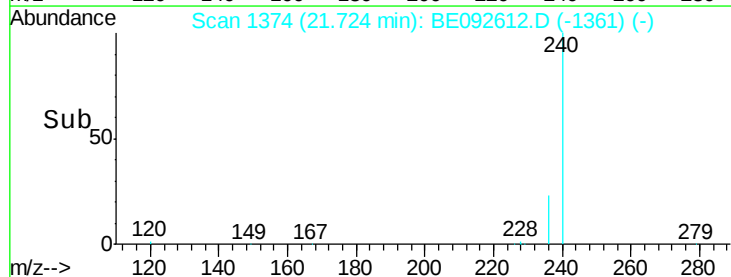
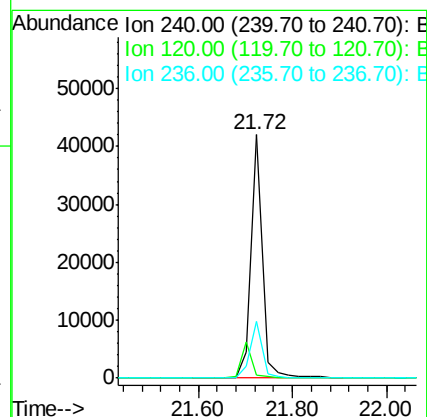
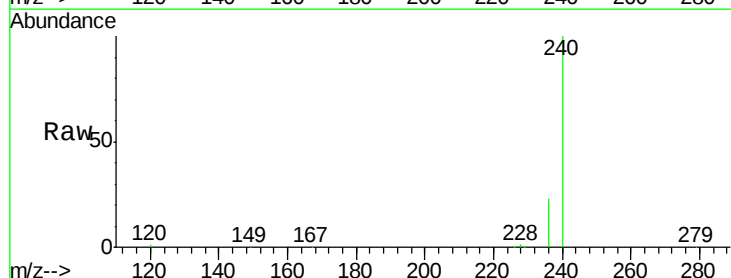
Tgt Ion:240 Resp: 69830

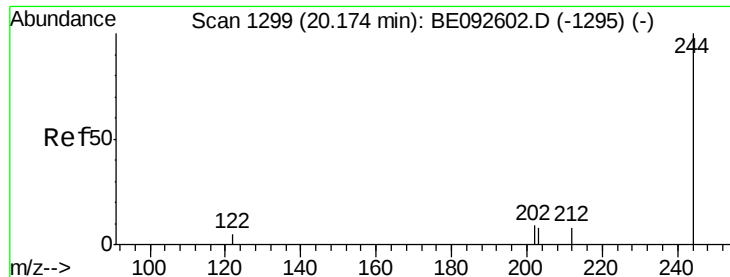
Ion Ratio Lower Upper

240 100

120 1.4 2.6 4.0#

236 23.2 24.6 37.0#





#26

Terphenyl-d14

Concen: 5.79 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

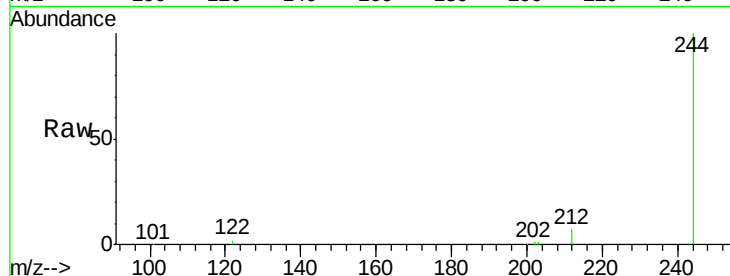
Tgt Ion: 244 Resp: 49573

Ion Ratio Lower Upper

244 100

212 7.0 6.7 10.1

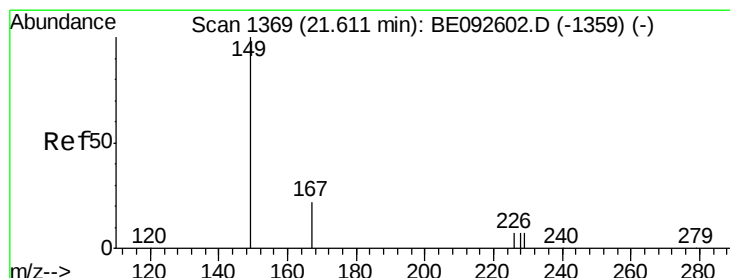
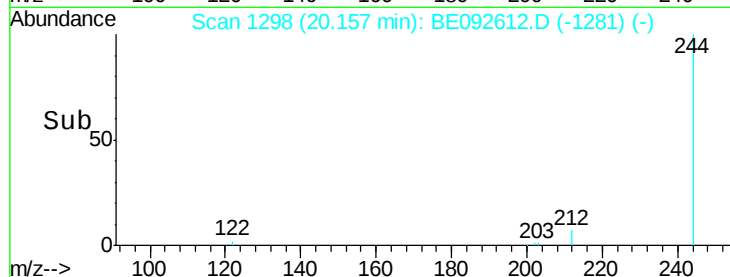
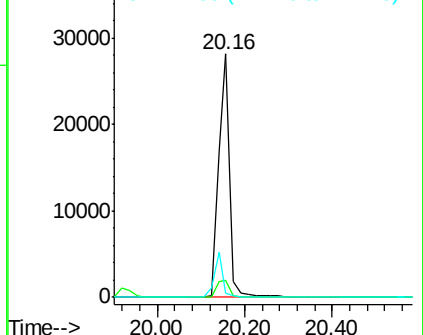
122 2.0 3.6 5.4#



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



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

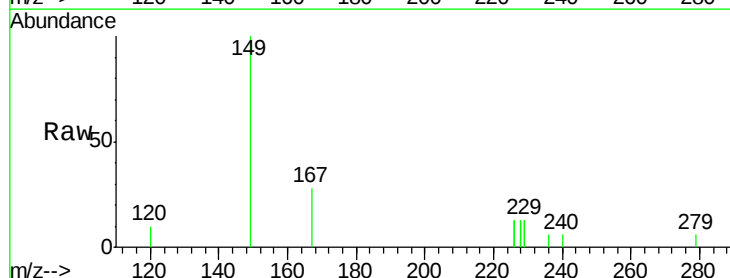
Tgt Ion: 149 Resp: 1005

Ion Ratio Lower Upper

149 100

167 23.4 16.0 24.0

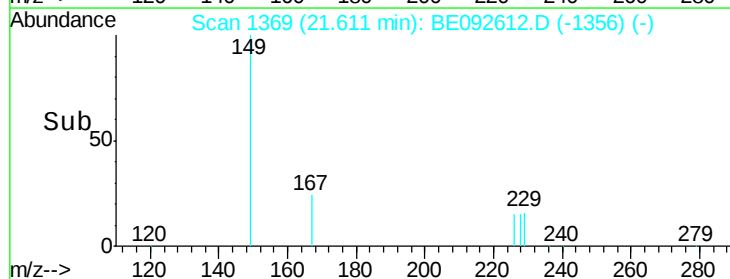
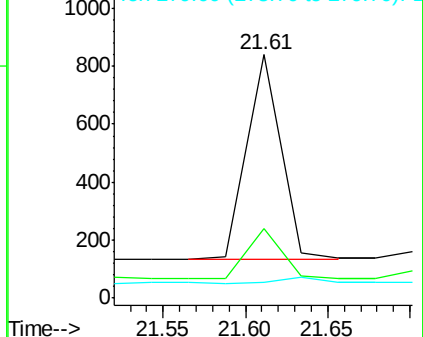
279 0.0 16.0 24.0#

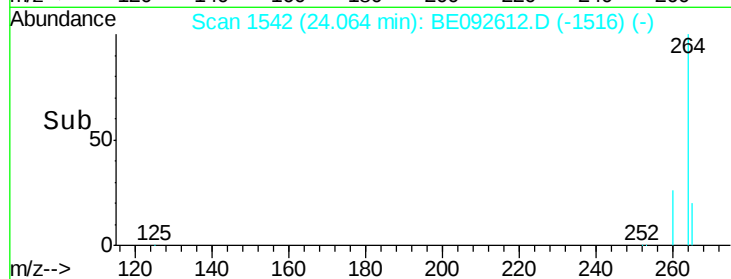
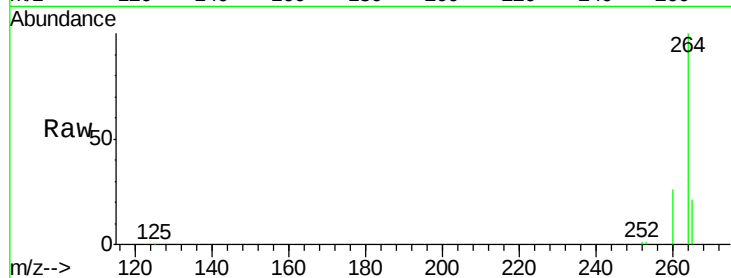
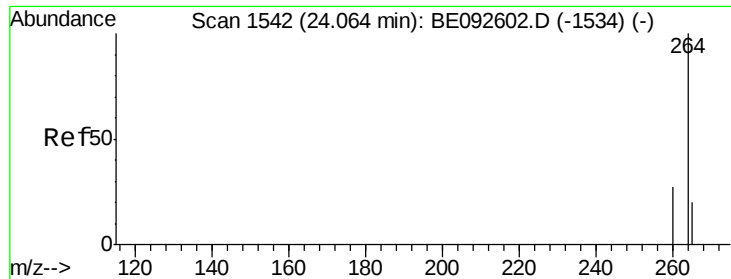


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092612.D

Acq: 19 Dec 2016 17:56

Instrument :

BNA_E

ClientSampleId :

KY038PS027-161213

Tgt Ion: 264 Resp: 64917

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 20.9 17.9 26.9

