

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121916\
 Data File : BE092614.D
 Acq On : 19 Dec 2016 19:10
 Operator : UM/SJ
 Sample : H6064-05

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-161213

Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 20 00:53:54 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	7984	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	35054	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23024	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	51224	5.00	ng	0.00
24) Chrysene-d12	21.72	240	70588	5.00	ng	0.00
31) Perylene-d12	24.07	264	65436	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.66	112	4344	2.91	ng	-0.03
5) Phenol-d6	7.33	99	3487	1.63	ng	-0.05
8) Nitrobenzene-d5	9.34	82	9053	3.78	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3225	4.92	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	24339	4.42	ng	-0.01
26) Terphenyl-d14	20.16	244	43087	4.98	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	37	Below Cal	#	19
3) n-Nitrosodimethylamine	3.87	42	28	0.22	ng	# 5
6) bis(2-Chloroethyl)ether	7.66	93	21	0.11	ng	# 1
19) Hexachlorobenzene	16.66	284	350	0.16	ng	# 11
29) Bis(2-ethylhexyl)phthalate	21.61	149	341	0.11	ng	# 71

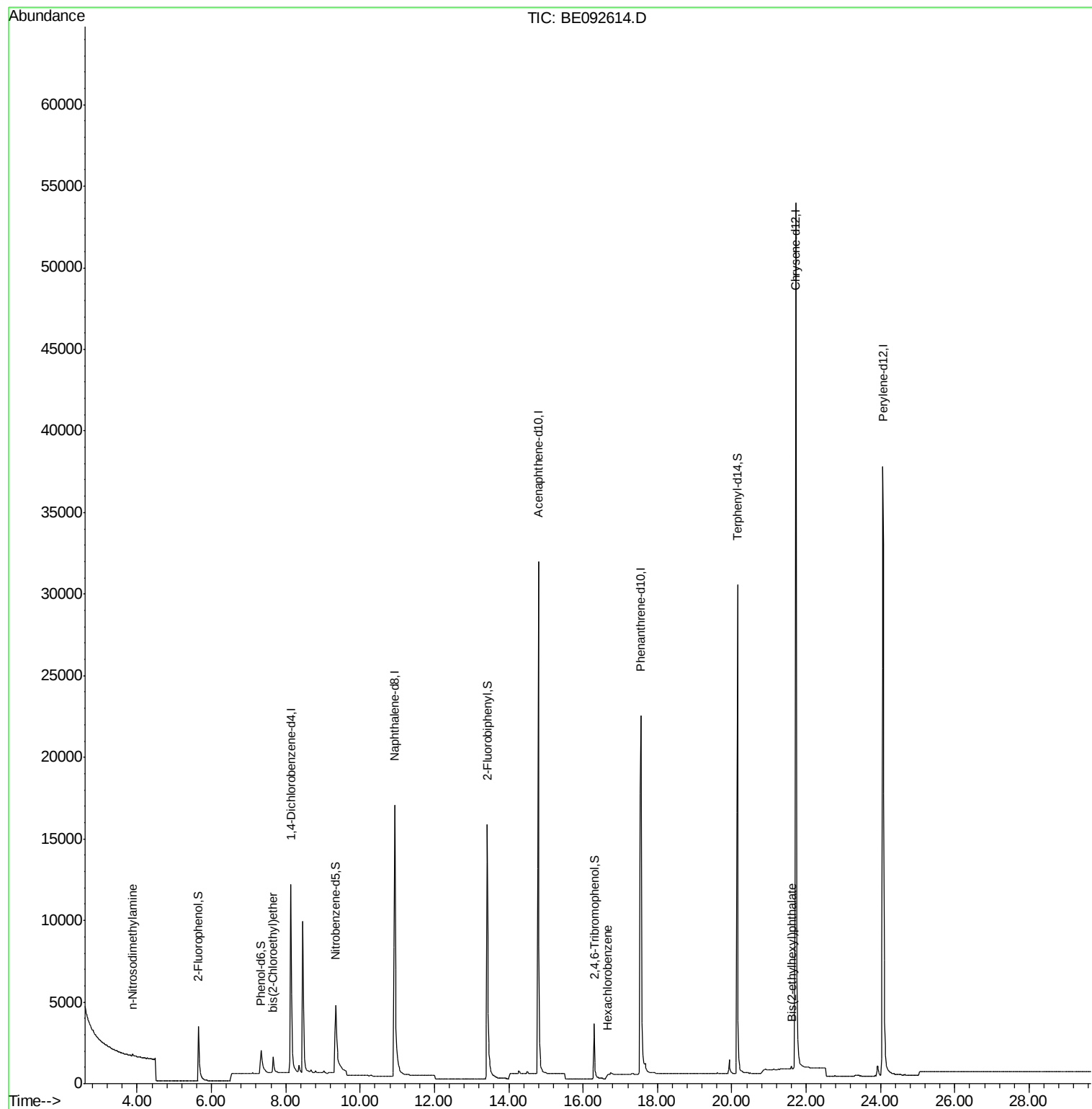
(#) = qualifier out of range (m) = manual integration (+) = signals summed

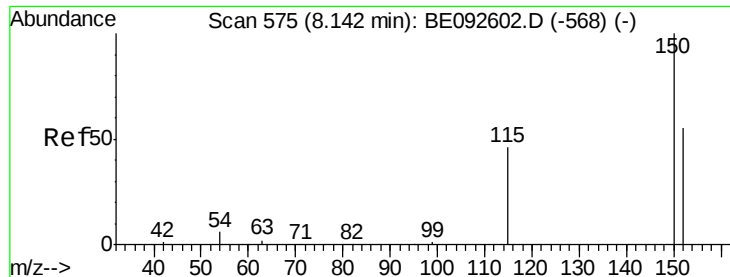
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121916\
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QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

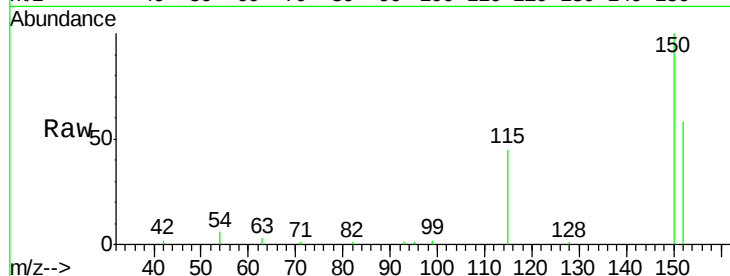
Tgt Ion:152 Resp: 7984

Ion Ratio Lower Upper

152 100

150 173.1 106.0 159.0#

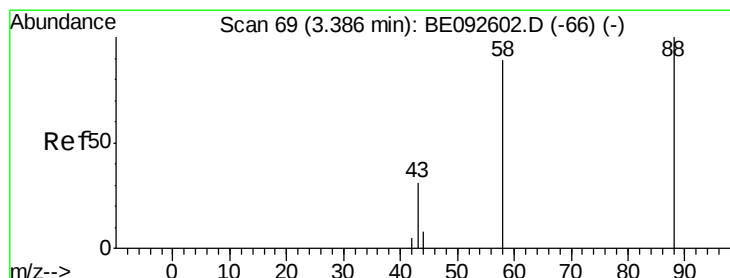
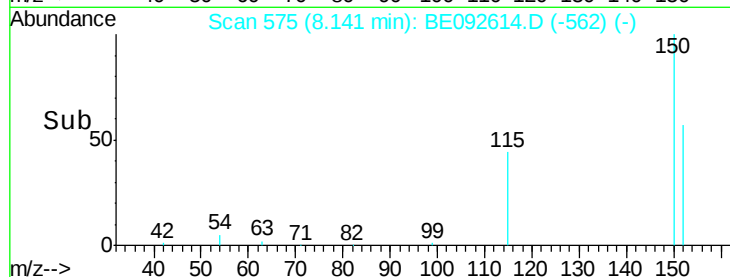
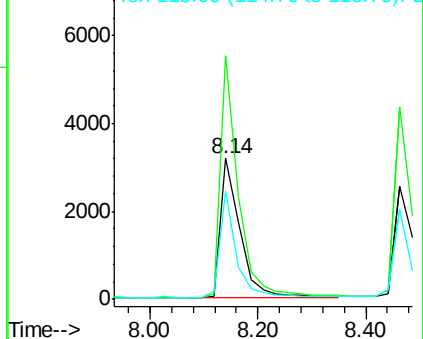
115 77.0 31.2 46.8#



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: BE092614.D

Acq: 19 Dec 2016 19:10

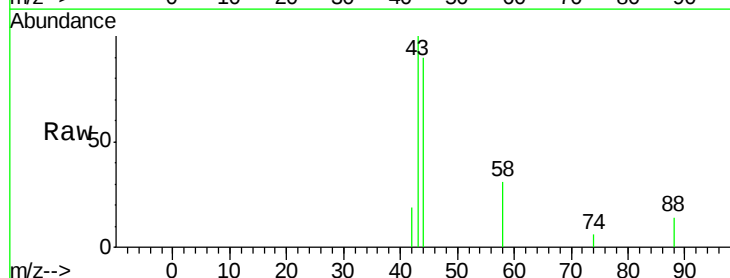
Tgt Ion: 88 Resp: 37

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

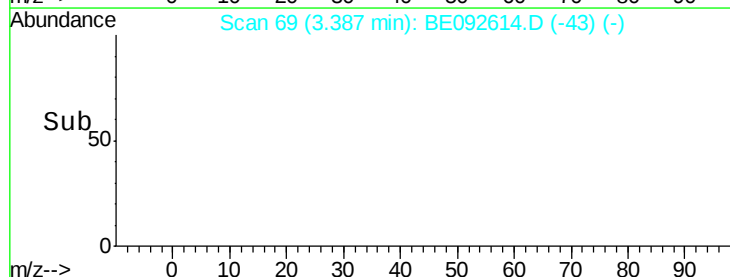
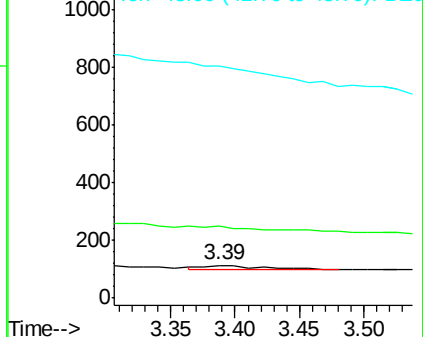
43 0.0 28.0 42.0#

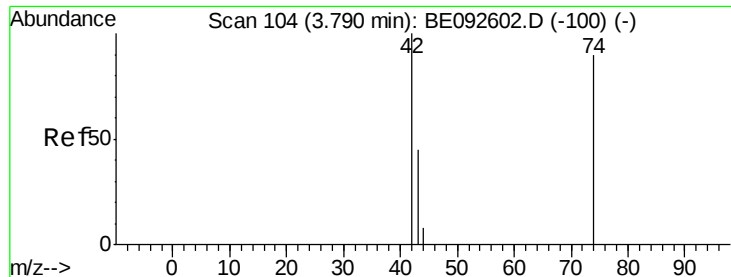


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.87 min Scan# 111

Delta R.T. 0.08 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

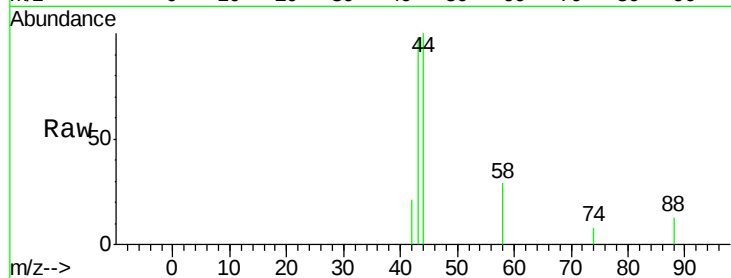
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 3.6 86.0 129.0#

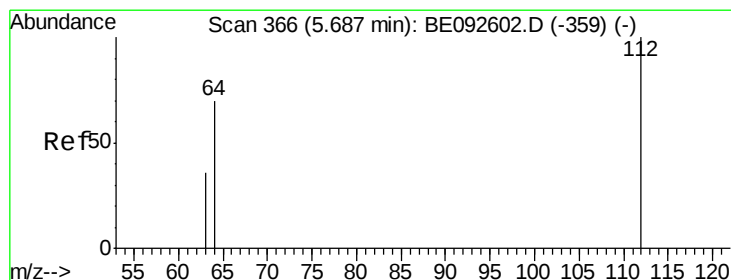
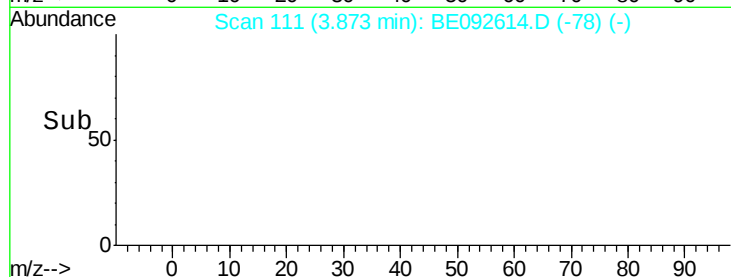
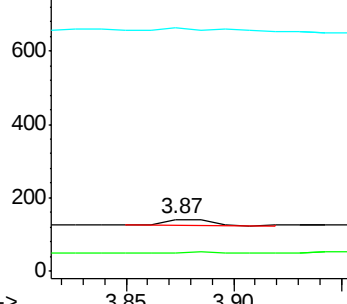
44 0.0 5.1 7.7#



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: 2.91 ng

RT: 5.66 min Scan# 361

Delta R.T. -0.03 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

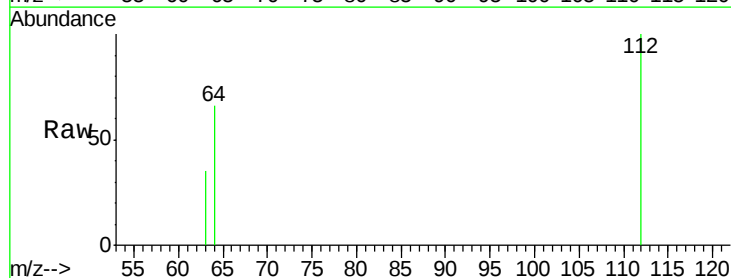
Tgt Ion: 112 Resp: 4344

Ion Ratio Lower Upper

112 100

64 67.9 53.5 80.3

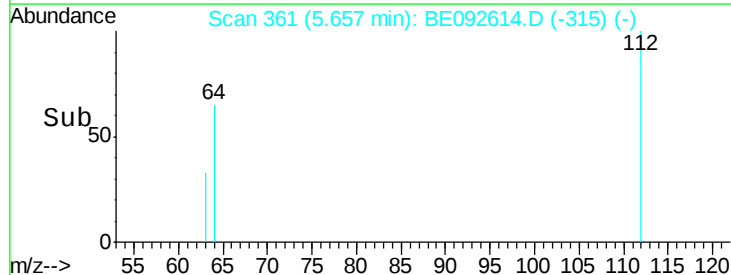
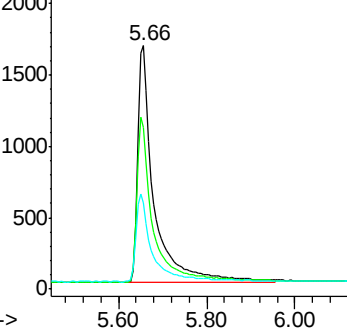
63 36.2 27.9 41.9

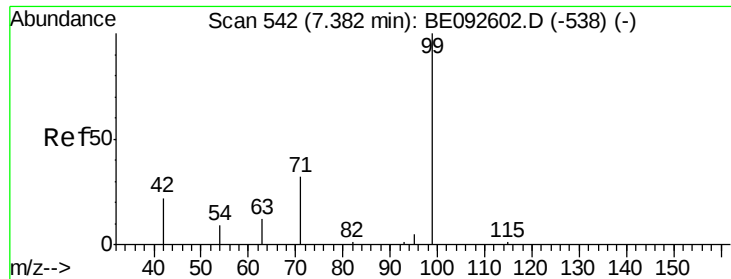


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.63 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.05 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

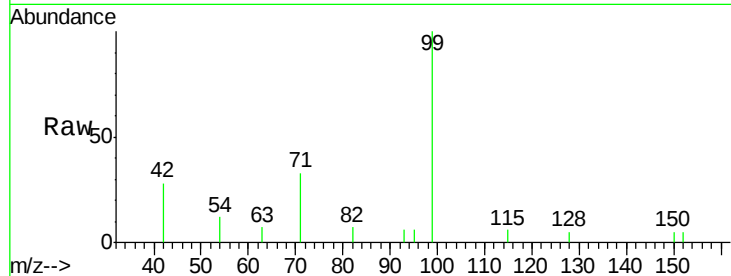
Tgt Ion: 99 Resp: 3487

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

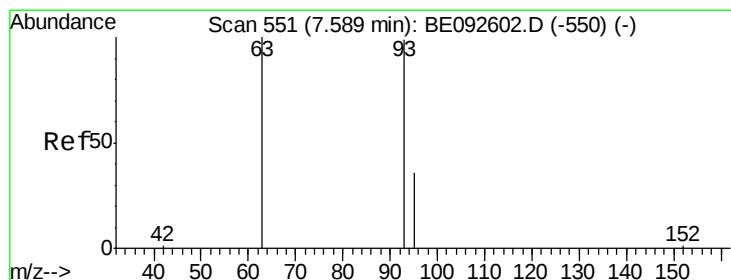
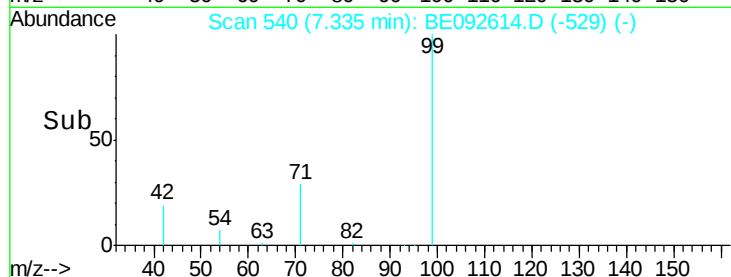
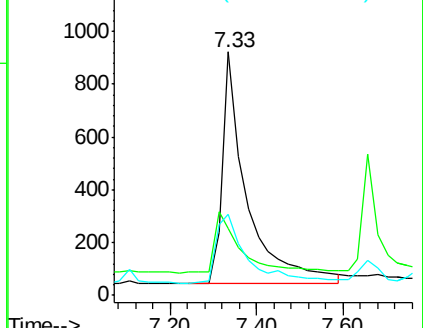
71 37.7 30.6 45.8



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: 0.11 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

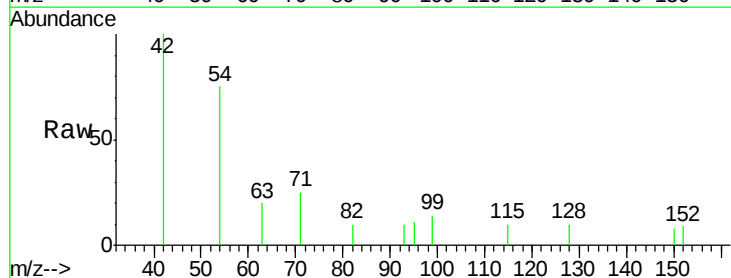
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

93 100

63 728.6 71.6 107.4#

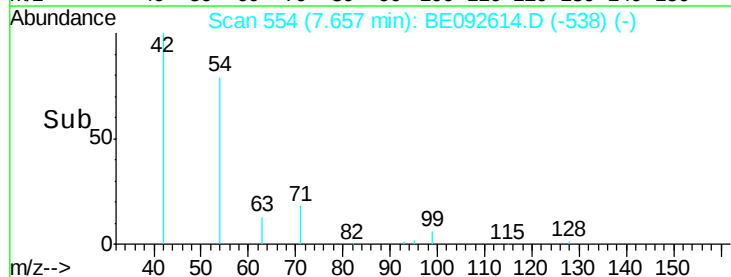
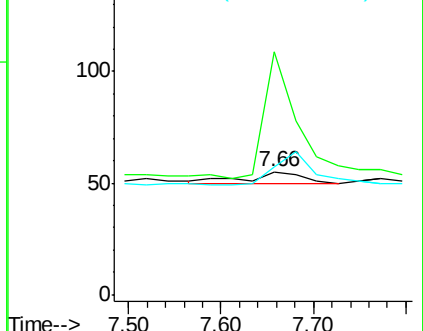
95 0.0 24.0 36.0#

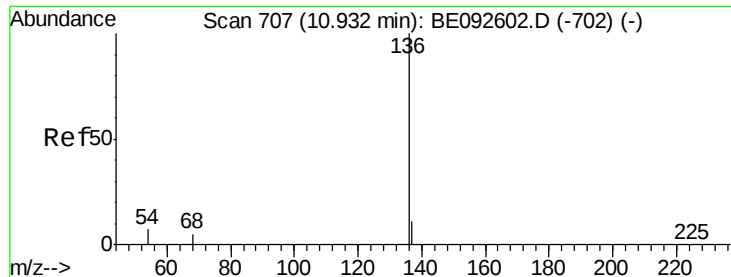


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092614.D

Acq: 19 Dec 2016 19:10

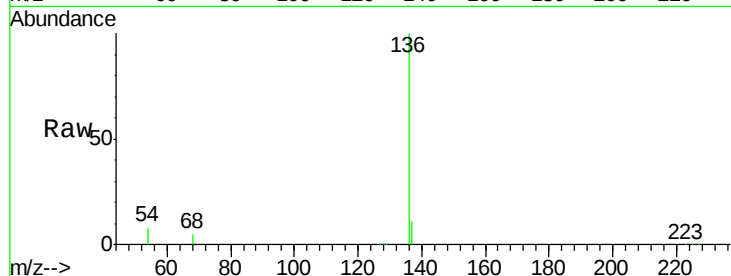
Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

Tgt Ion:	136	Resp:	35054
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	7.7	9.6	14.4#
68	5.5	6.7	10.1#



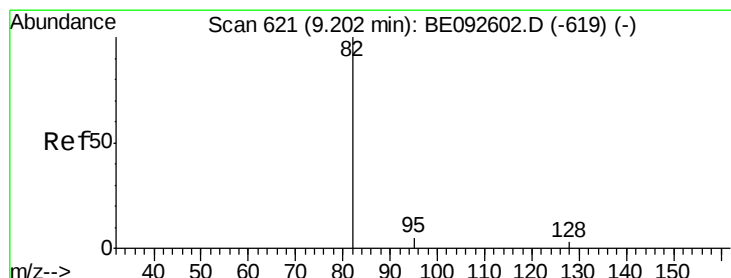
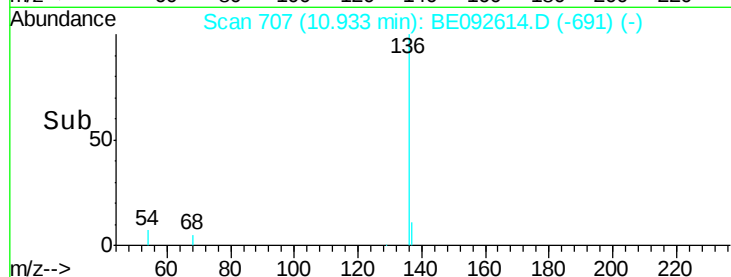
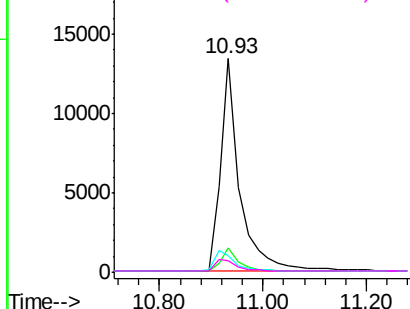
Abundance

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: 3.78 ng

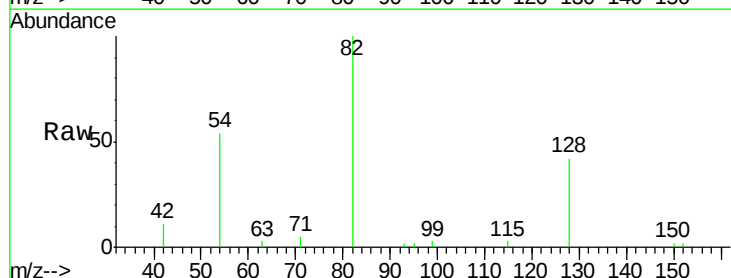
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Tgt Ion:	82	Resp:	9053
Ion	Ratio	Lower	Upper
82	100		
128	42.1	39.0	58.4
54	53.9	44.8	67.2

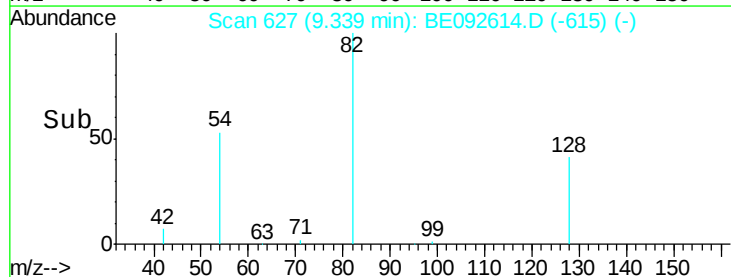
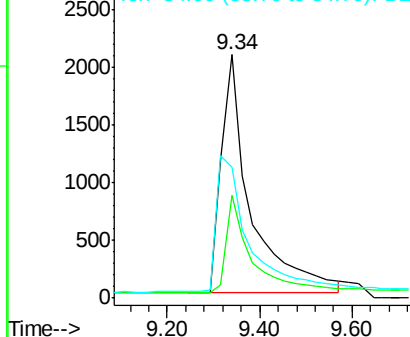


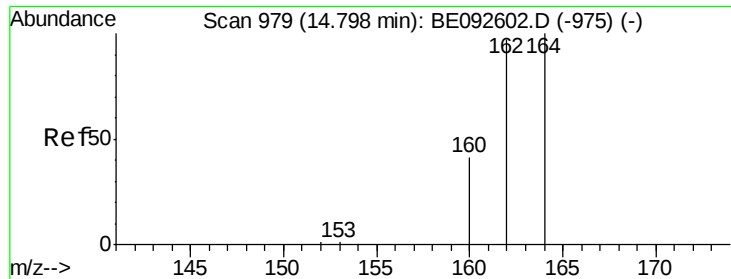
Abundance

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





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

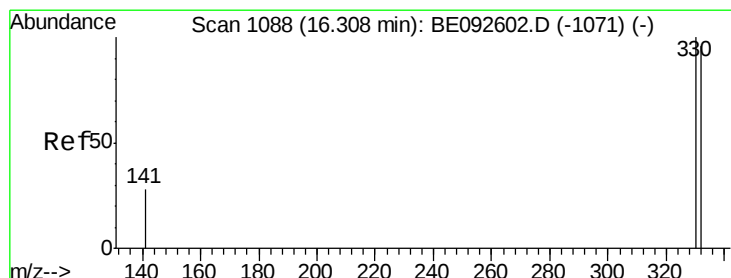
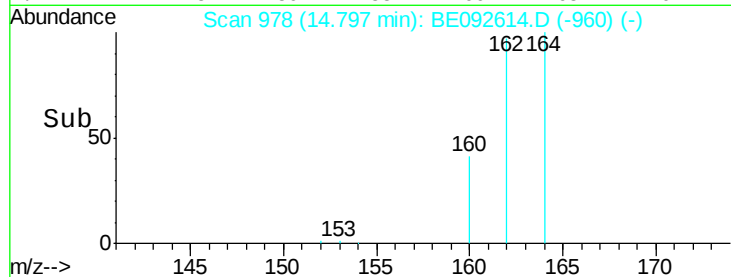
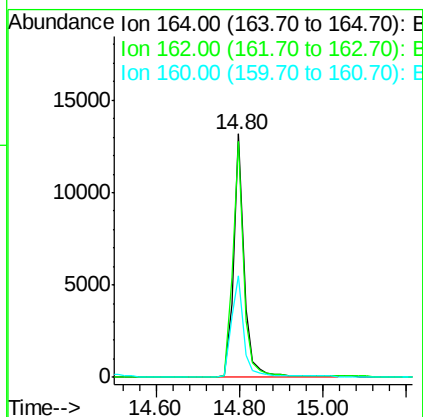
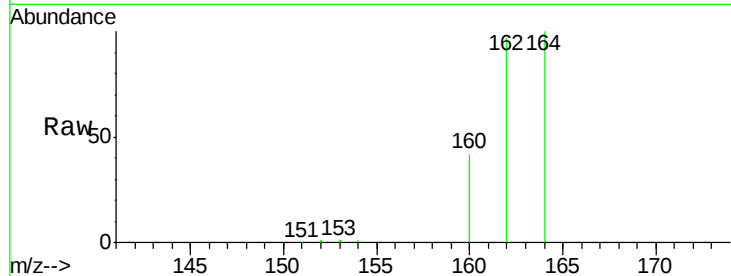
Tgt Ion:164 Resp: 23024

Ion Ratio Lower Upper

164 100

162 97.1 71.4 107.0

160 41.9 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 4.92 ng

RT: 16.30 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

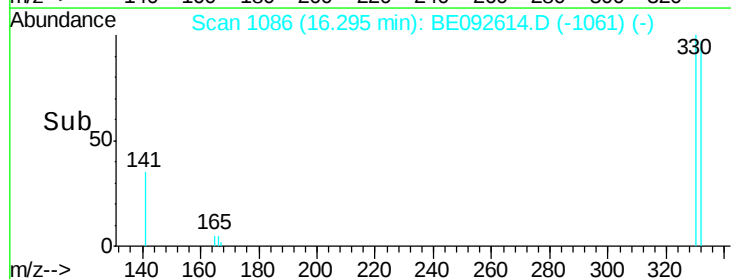
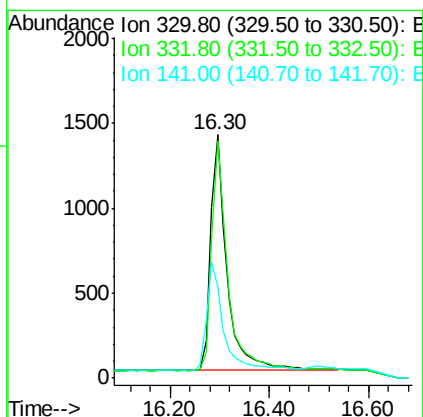
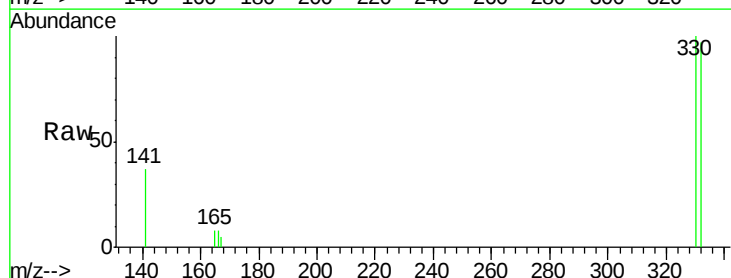
Tgt Ion:330 Resp: 3225

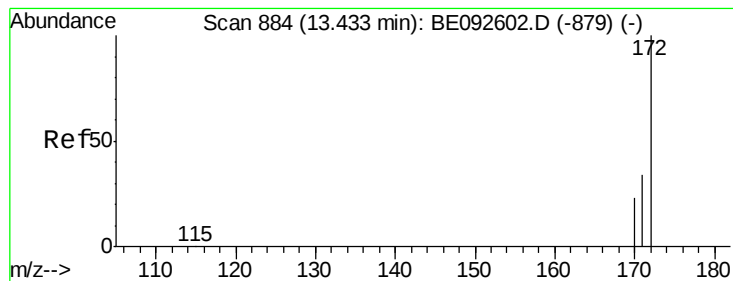
Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.0

141 45.2 31.0 46.6





#14

2-Fluorobiphenyl

Concen: 4.42 ng

RT: 13.42 min Scan# 883

Delta R.T. -0.01 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

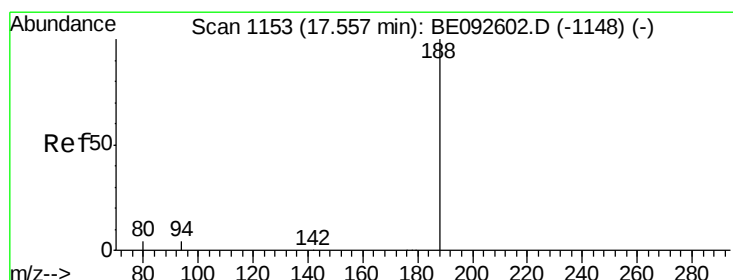
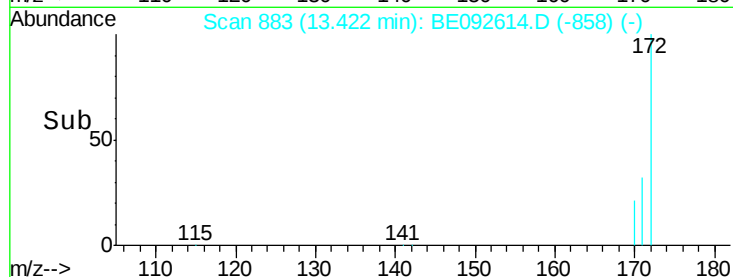
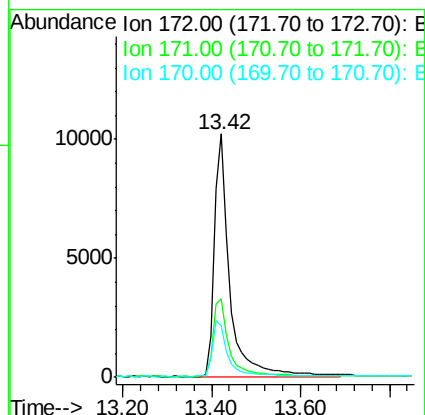
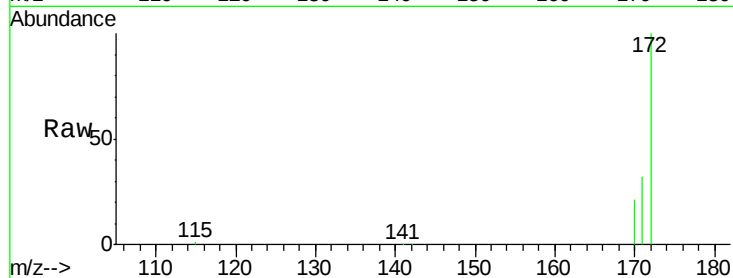
Tgt Ion:172 Resp: 24339

Ion Ratio Lower Upper

172 100

171 32.3 30.1 45.1

170 21.2 21.8 32.6#



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

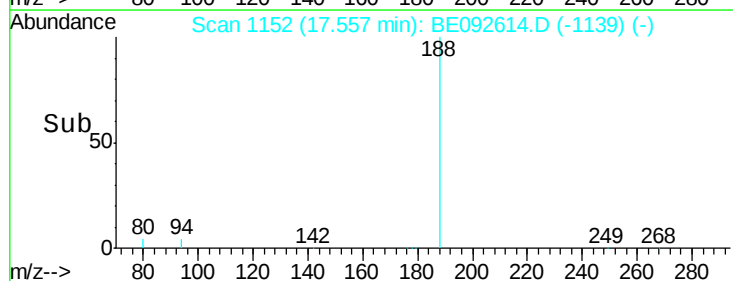
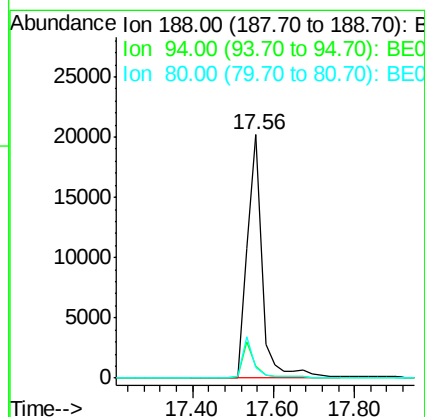
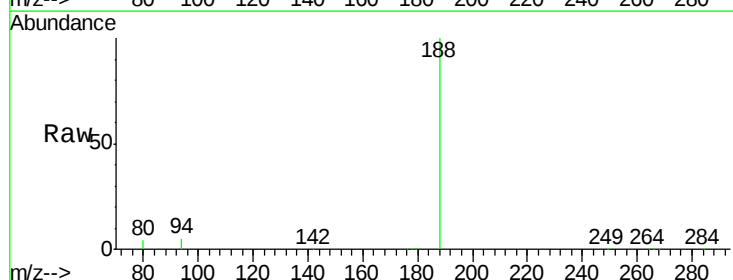
Tgt Ion:188 Resp: 51224

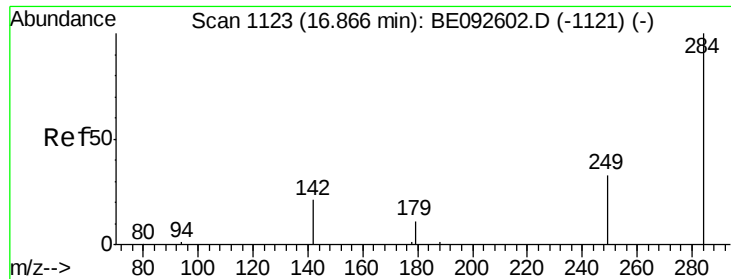
Ion Ratio Lower Upper

188 100

94 4.7 3.2 4.8

80 4.5 2.6 3.8#





#19

Hexachlorobenzene

Concen: 0.16 ng

RT: 16.66 min Scan# 1113

Delta R.T. -0.21 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

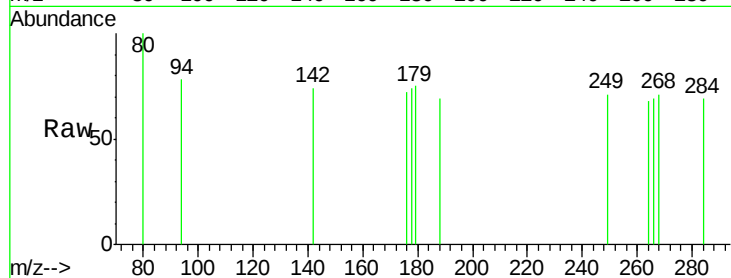
Tgt Ion: 284 Resp: 350

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

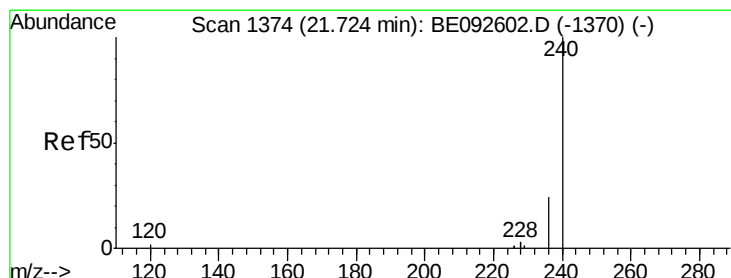
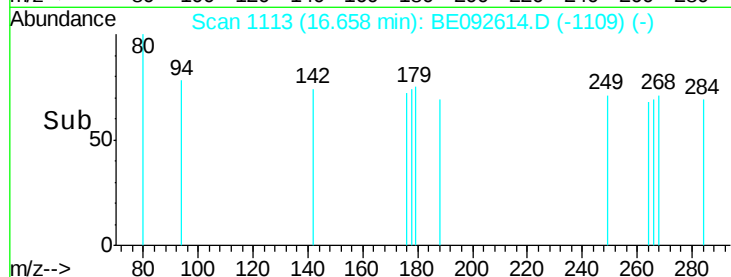
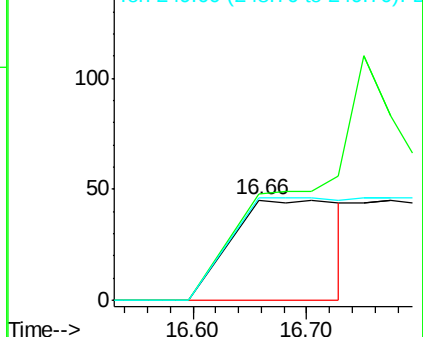
249 102.9 27.9 41.9#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

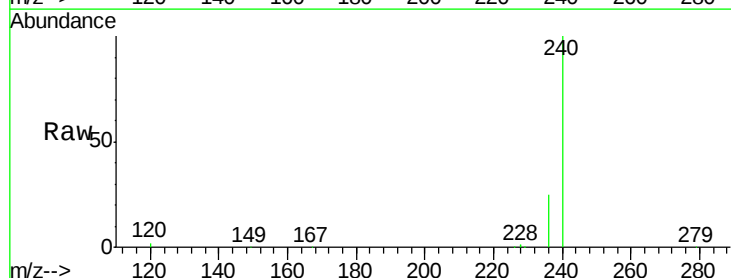
Tgt Ion: 240 Resp: 70588

Ion Ratio Lower Upper

240 100

120 2.0 2.6 4.0#

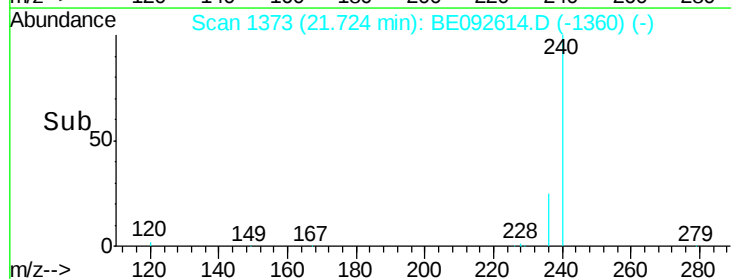
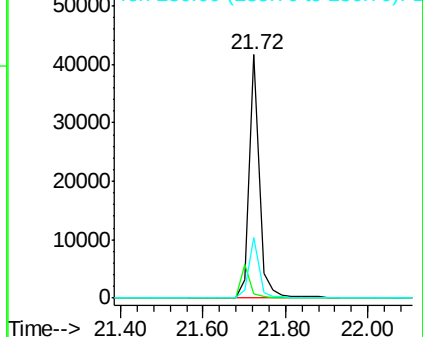
236 24.9 24.6 37.0

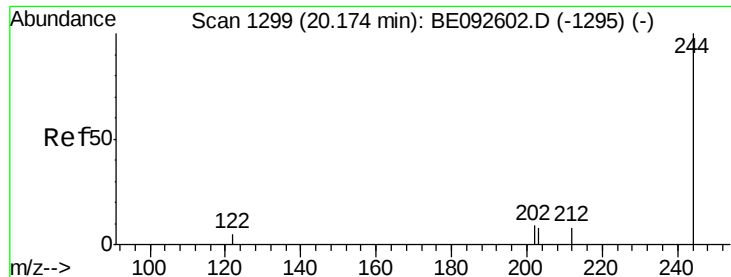


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

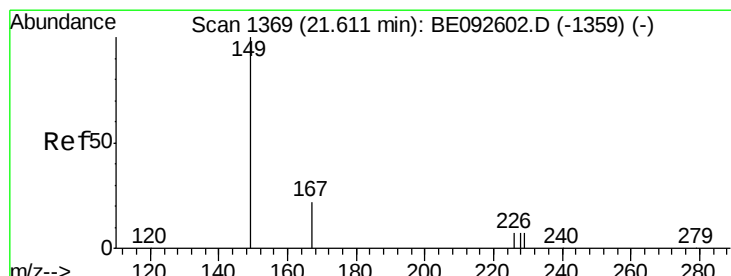
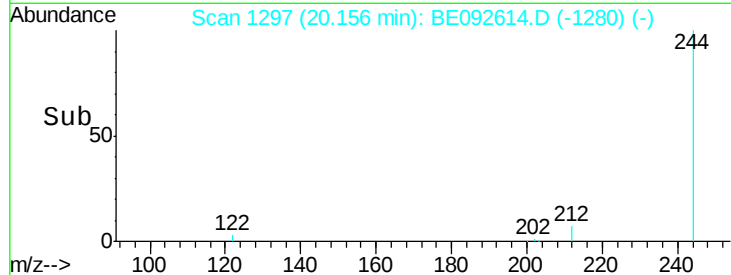
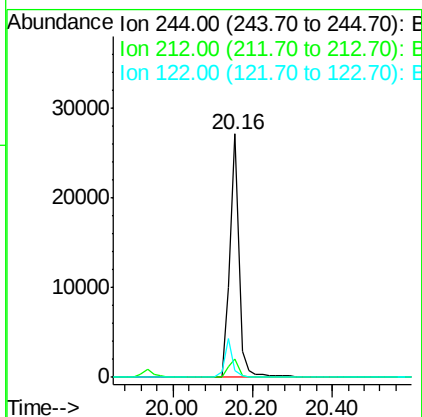
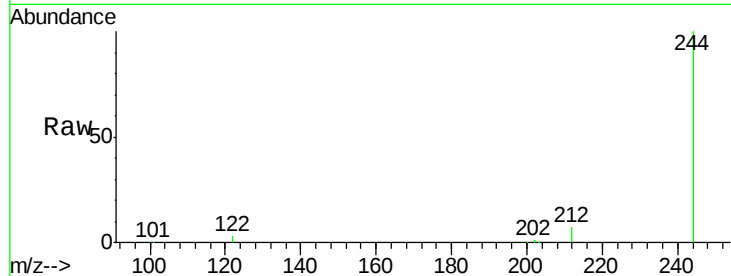




#26
 Terphenyl-d14
 Concen: 4.98 ng
 RT: 20.16 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092614.D
 Acq: 19 Dec 2016 19:10

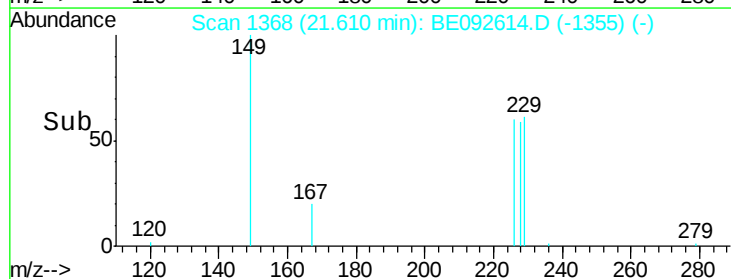
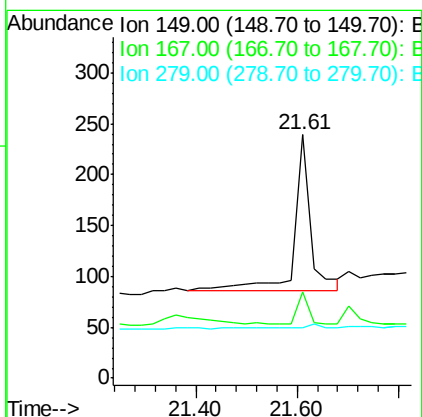
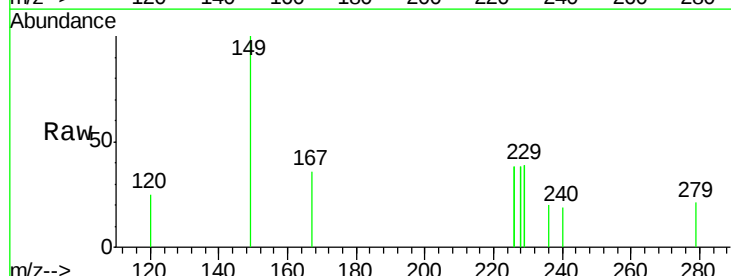
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-161213

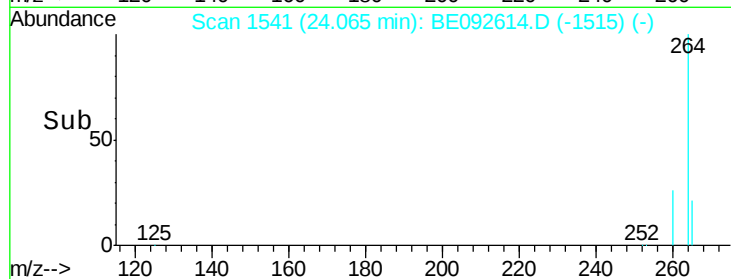
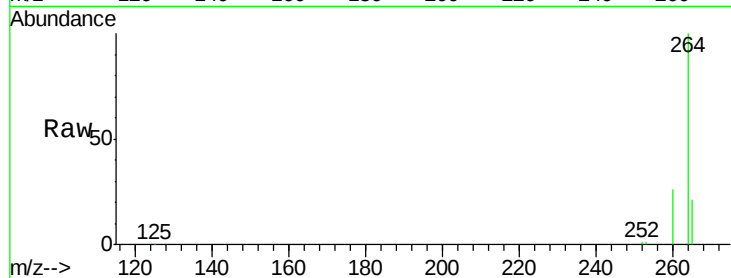
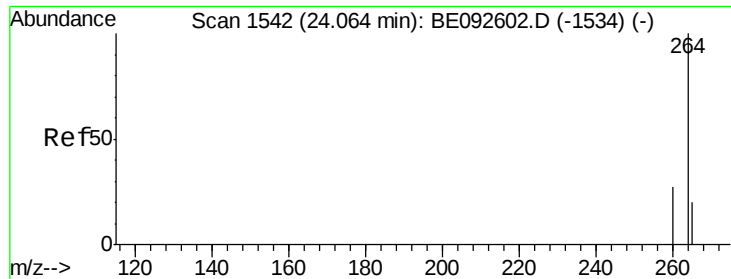
Tgt Ion: 244 Resp: 43087
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.7 10.1
 122 2.7 3.6 5.4#



#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.61 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE092614.D
 Acq: 19 Dec 2016 19:10

Tgt Ion: 149 Resp: 341
 Ion Ratio Lower Upper
 149 100
 167 13.5 16.0 24.0#
 279 0.0 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.07 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BE092614.D

Acq: 19 Dec 2016 19:10

Instrument :

BNA_E

ClientSampleId :

KY038PS034-161213

Tgt Ion: 264 Resp: 65436

Ion Ratio Lower Upper

264 100

260 26.3 20.1 30.1

265 21.4 17.9 26.9

