

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110816\
 Data File : BE092512.D
 Acq On : 8 Nov 2016 17:07
 Operator : UM/SJ
 Sample : PB94535BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94535BSD

Quant Time: Nov 09 00:11:23 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 16:27:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9032	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	40708	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	26544	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	50768	5.00	ng	0.00
24) Chrysene-d12	21.72	240	64045	5.00	ng	0.00
31) Perylene-d12	24.09	264	56694	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	20507	10.30	ng	-0.01
5) Phenol-d6	7.31	99	28653	10.79	ng	-0.02
8) Nitrobenzene-d5	9.32	82	13423	5.03	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	7176	7.58	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	30043	4.58	ng	-0.01
26) Terphenyl-d14	20.16	244	38766	4.98	ng	-0.02

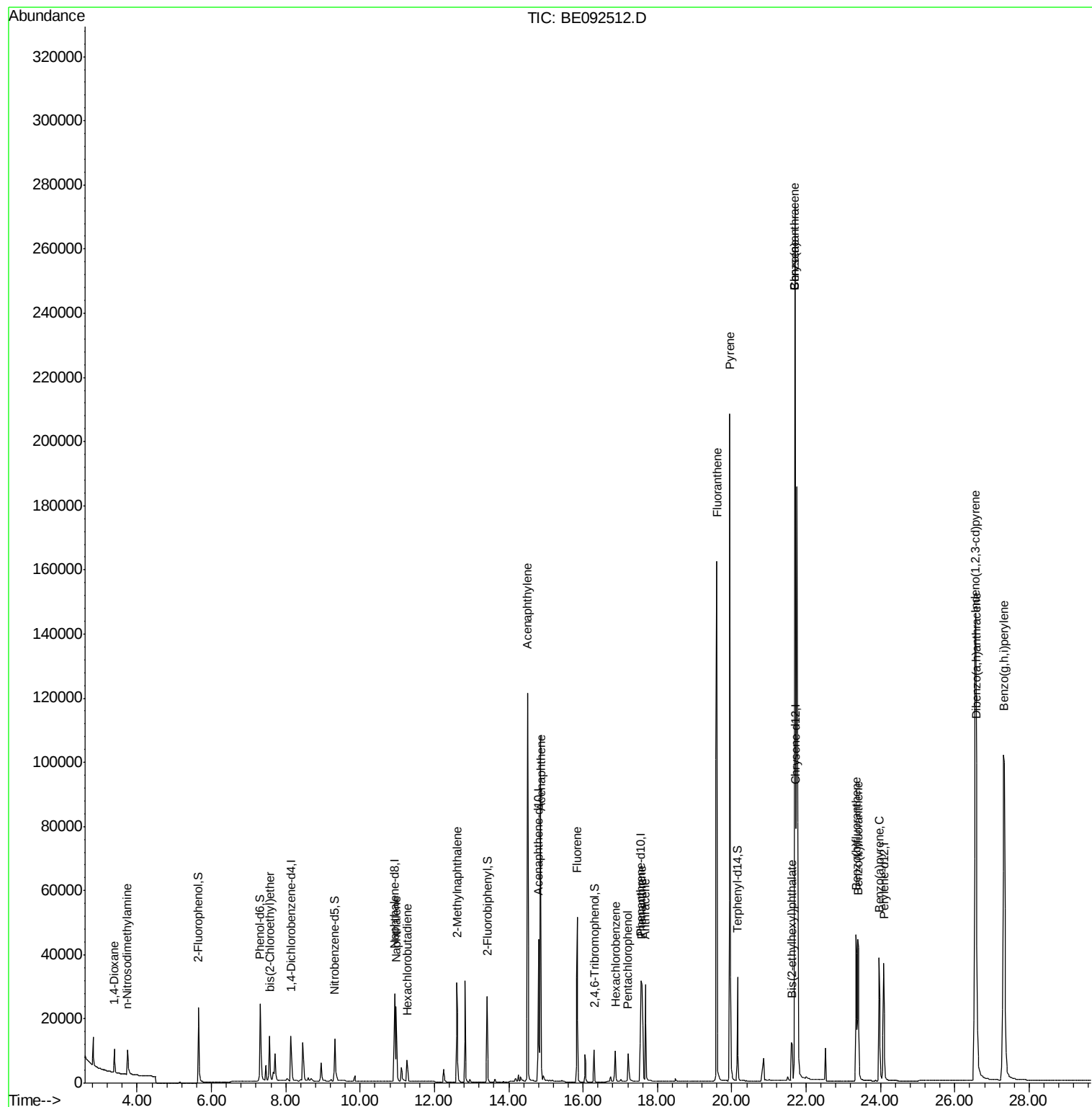
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	4265	3.98	ng	# 55
3) n-Nitrosodimethylamine	3.73	42	6783	4.24	ng	# 97
6) bis(2-Chloroethyl)ether	7.57	93	11614	3.99	ng	90
9) Naphthalene	10.97	128	36419	4.14	ng	# 95
10) Hexachlorobutadiene	11.26	225	5554	4.16	ng	100
11) 2-Methylnaphthalene	12.60	142	24626	4.30	ng	97
15) Acenaphthylene	14.51	152	162688	4.27	ng	100
16) Acenaphthene	14.87	154	24148	3.92	ng	91
17) Fluorene	15.84	166	32293	4.18	ng	99
19) Hexachlorobenzene	16.87	284	9597	5.01	ng	# 67
20) Pentachlorophenol	17.21	266	7872	14.21	ng	# 85
21) Phenanthrene	17.58	178	48575	4.43	ng	# 94
22) Anthracene	17.67	178	51631	4.85	ng	99
23) Fluoranthene	19.59	202	234067	4.25	ng	98
25) Pyrene	19.95	202	245670	4.68	ng	99
27) Benzo(a)anthracene	21.70	228	522423	8.05	ng	97
28) Chrysene	21.70	228	524001	10.33	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.61	149	22896	4.03	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.55	276	312143	4.41	ng	98
32) Benzo(b)fluoranthene	23.35	252	65347	4.49	ng	95
33) Benzo(k)fluoranthene	23.39	252	70452	4.59	ng	93
34) Benzo(a)pyrene	23.97	252	62510	4.27	ng	# 94
35) Dibenzo(a,h)anthracene	26.58	278	64978	4.71	ng	94
36) Benzo(g,h,i)perylene	27.31	276	270561	4.76	ng	98

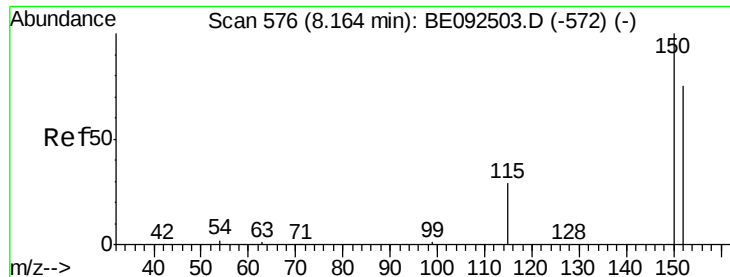
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

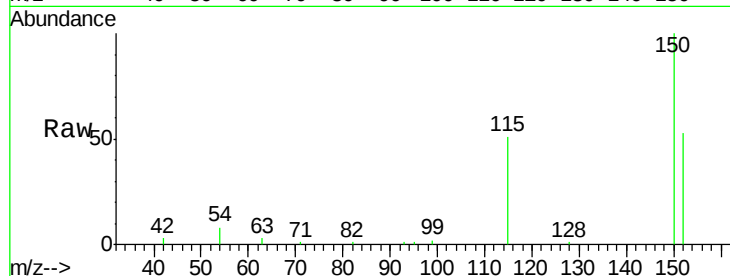
Tgt Ion:152 Resp: 9032

Ion Ratio Lower Upper

152 100

150 188.0 106.0 159.0#

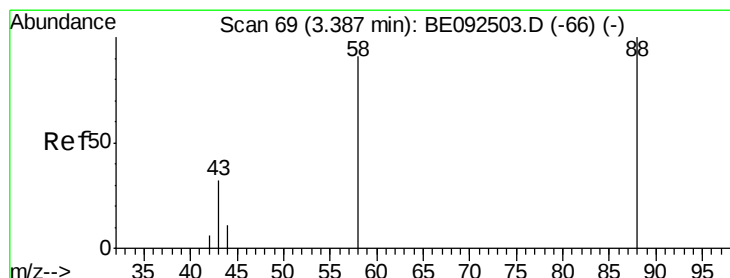
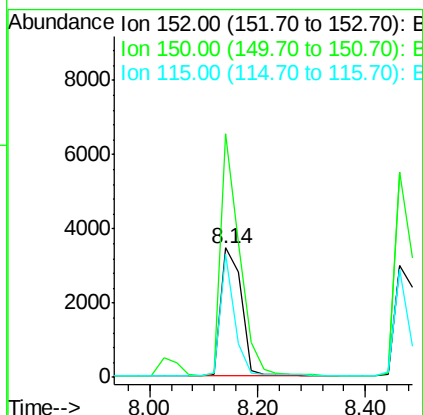
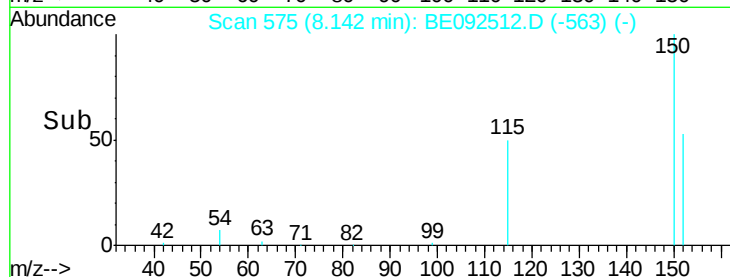
115 95.3 31.2 46.8#



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



#2

1,4-Dioxane

Concen: 3.98 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

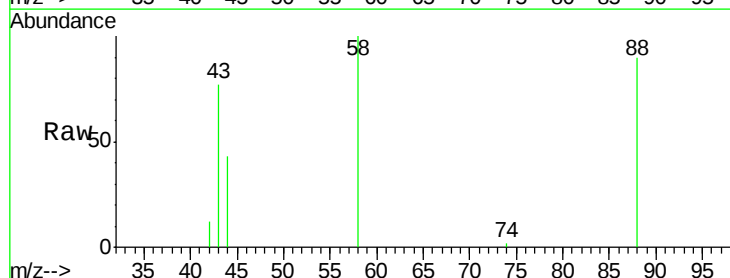
Tgt Ion: 88 Resp: 4265

Ion Ratio Lower Upper

88 100

58 101.1 63.6 95.4#

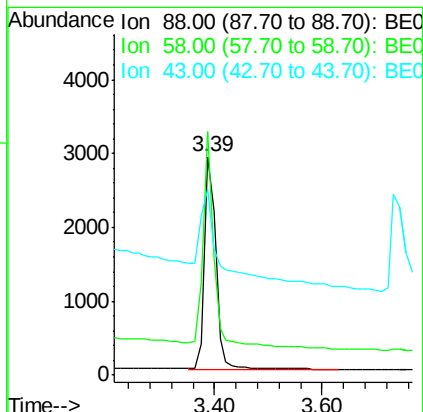
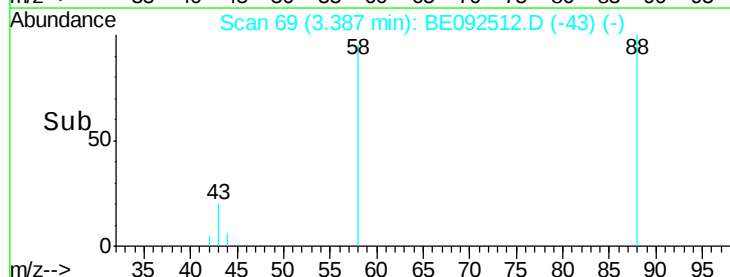
43 87.5 28.0 42.0#

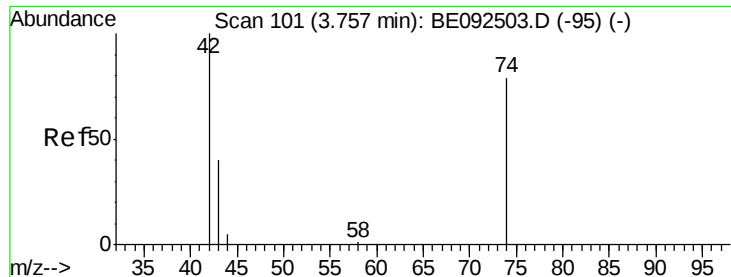


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



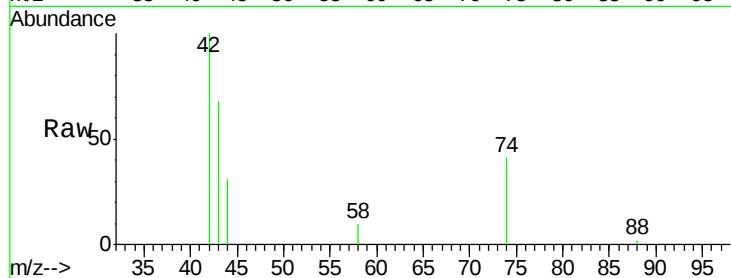


#3

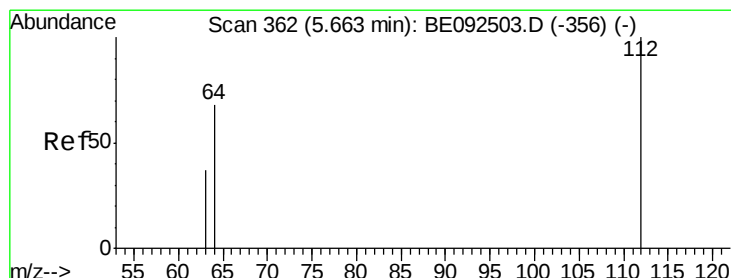
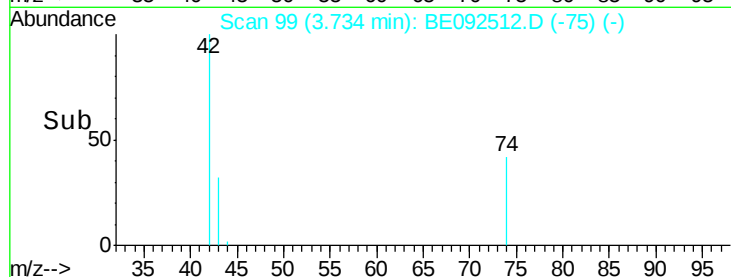
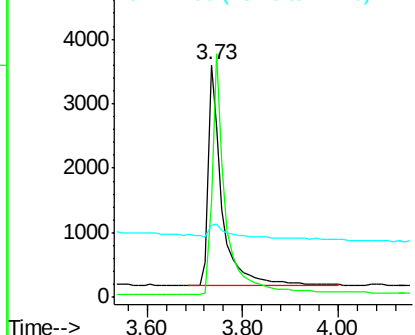
n-Nitrosodimethylamine
 Concen: 4.24 ng
 RT: 3.73 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

Instrument :
 BNA_E
 ClientSampleId :
 PB94535BSD

Tgt Ion: 42 Resp: 6783
 Ion Ratio Lower Upper
 42 100
 74 110.0 86.0 129.0
 44 12.3 5.1 7.7#



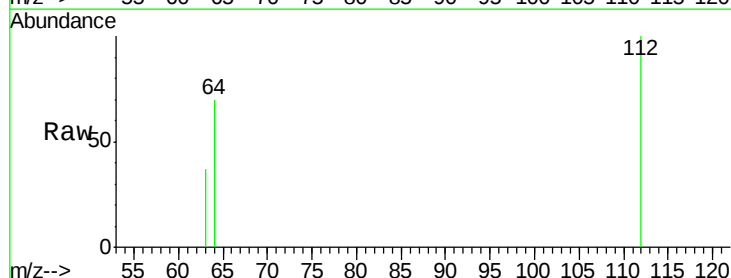
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



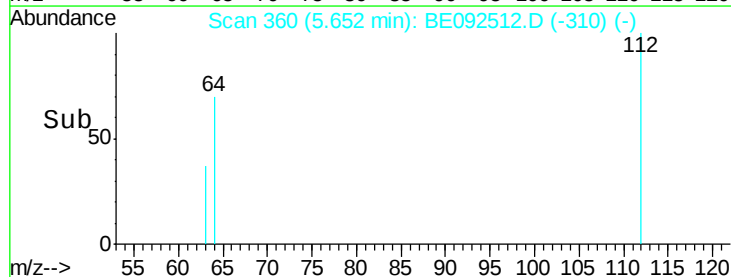
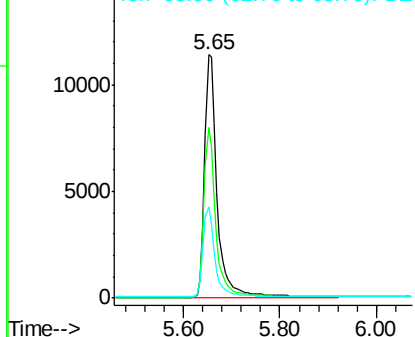
#4

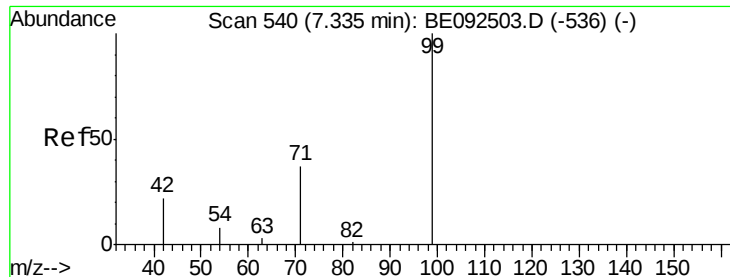
2-Fluorophenol
 Concen: 10.30 ng
 RT: 5.65 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

Tgt Ion: 112 Resp: 20507
 Ion Ratio Lower Upper
 112 100
 64 67.1 53.5 80.3
 63 35.7 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: 10.79 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

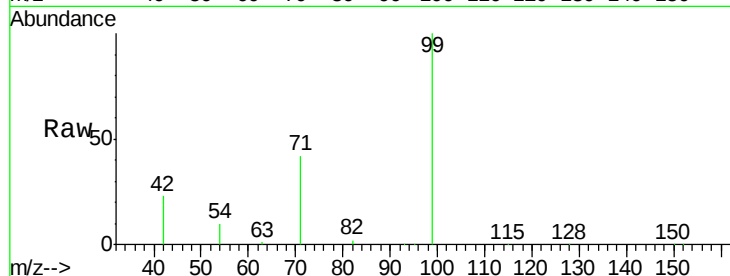
Tgt Ion: 99 Resp: 28653

Ion Ratio Lower Upper

99 100

42 22.7 16.0 24.0

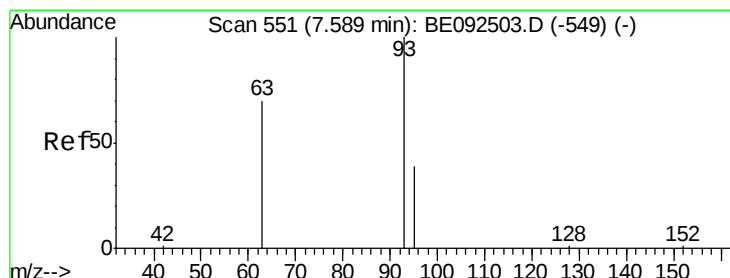
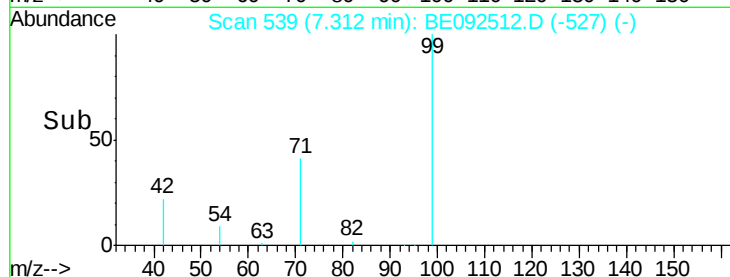
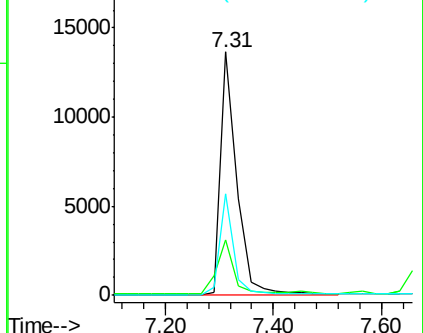
71 35.3 30.6 45.8



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: 3.99 ng

RT: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

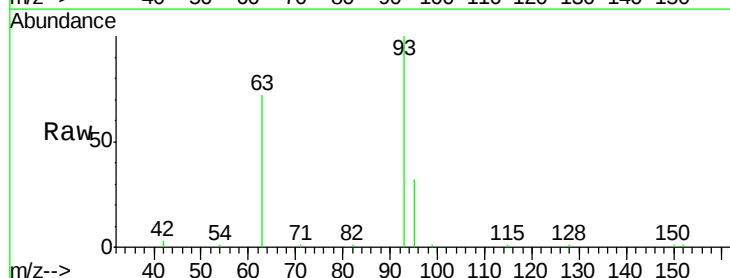
Tgt Ion: 93 Resp: 11614

Ion Ratio Lower Upper

93 100

63 79.7 71.6 107.4

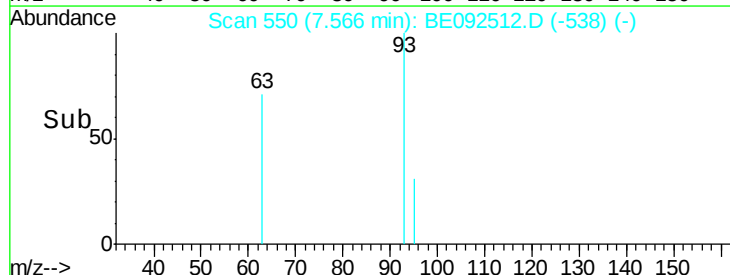
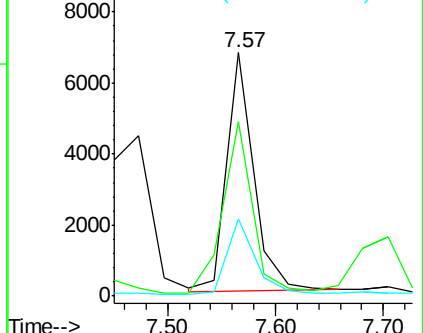
95 34.2 24.0 36.0

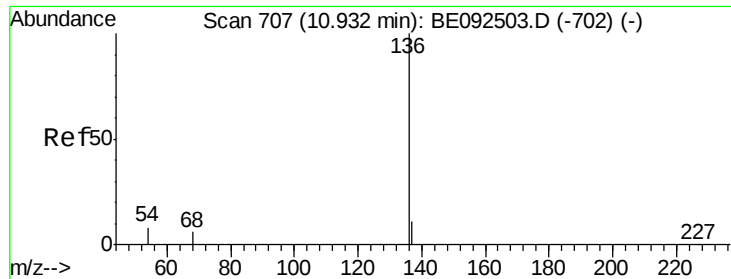


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

Tgt Ion:136 Resp: 40708

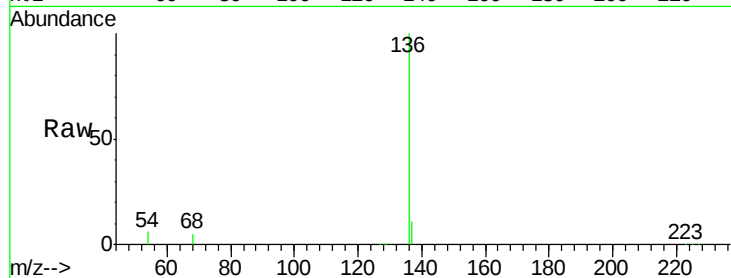
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 6.0 9.6 14.4#

68 4.7 6.7 10.1#

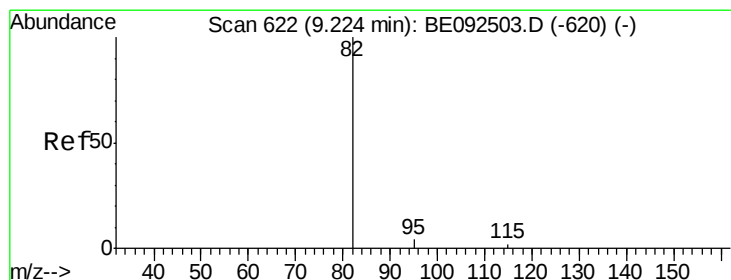
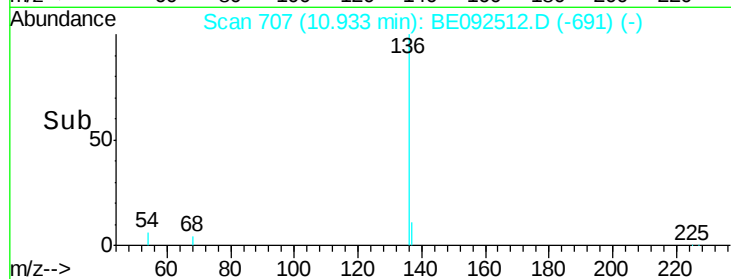
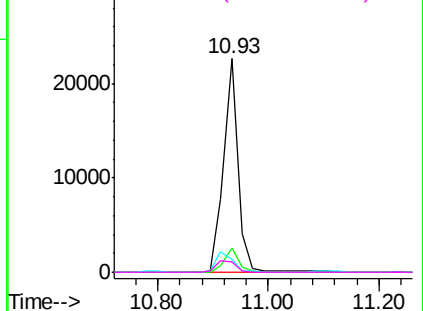


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.03 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

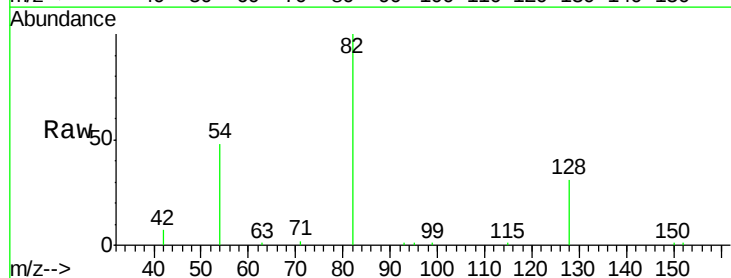
Tgt Ion: 82 Resp: 13423

Ion Ratio Lower Upper

82 100

128 30.7 39.0 58.4#

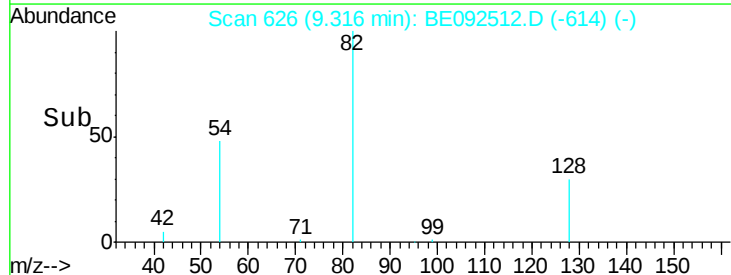
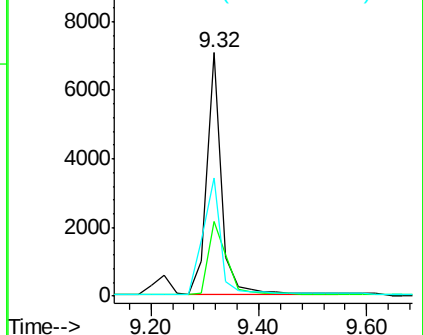
54 48.4 44.8 67.2

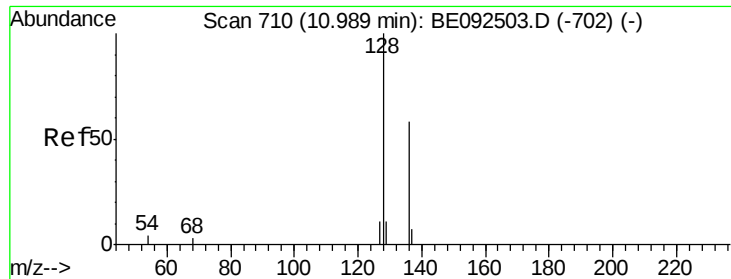


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.14 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

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ClientSampleId :

PB94535BSD

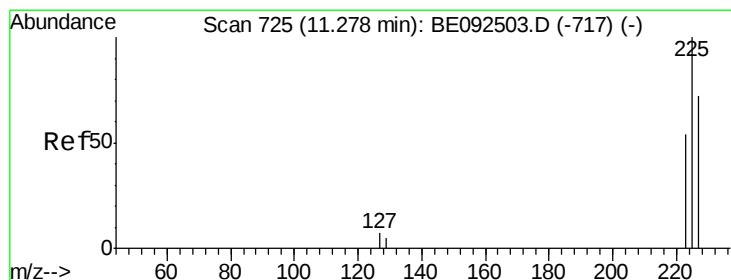
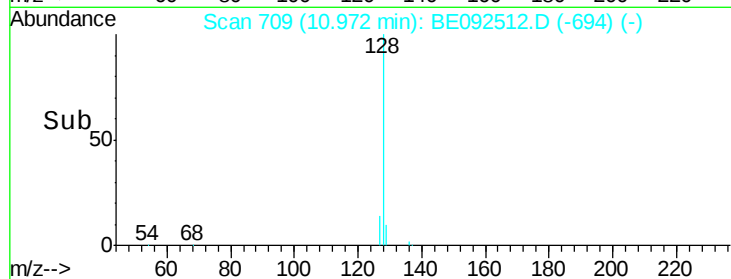
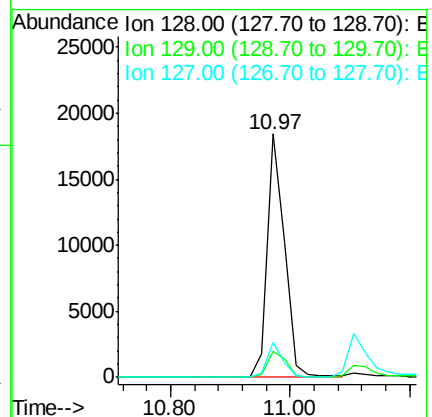
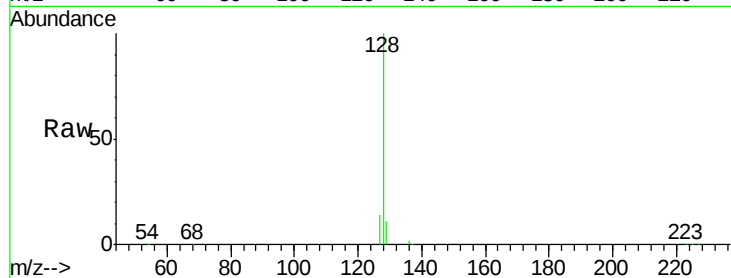
Tgt Ion:128 Resp: 36419

Ion Ratio Lower Upper

128 100

129 10.5 11.2 16.8#

127 14.1 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.16 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

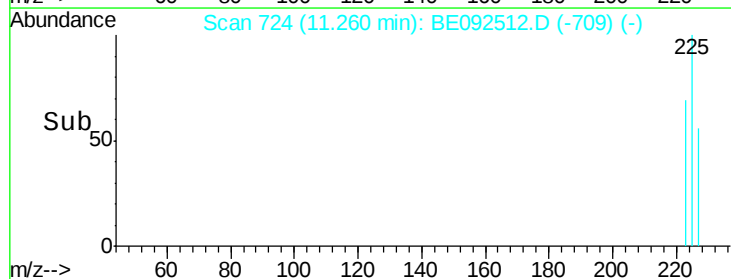
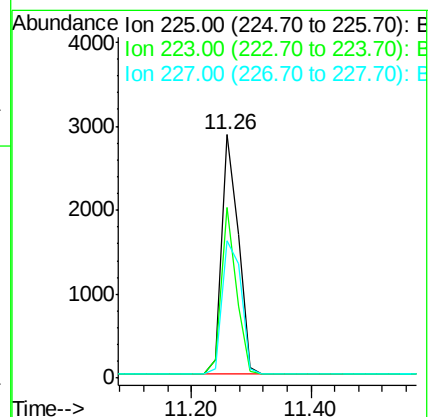
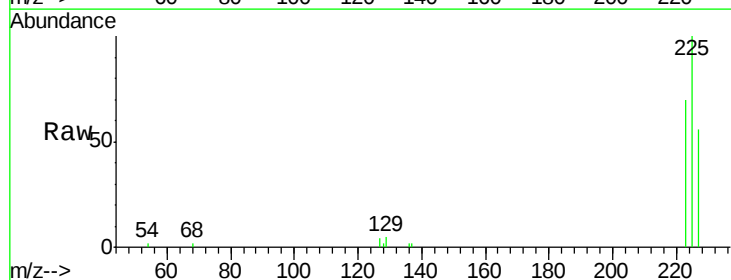
Tgt Ion:225 Resp: 5554

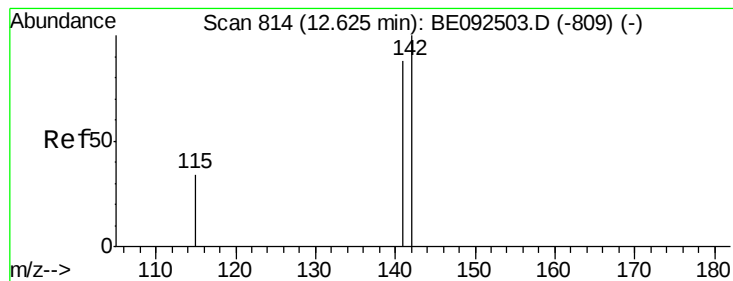
Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 63.6 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.30 ng

RT: 12.60 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

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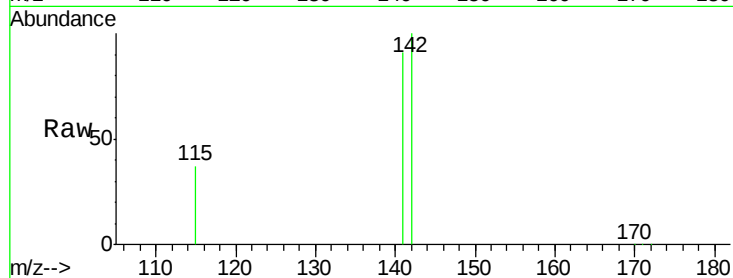
Tgt Ion:142 Resp: 24626

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

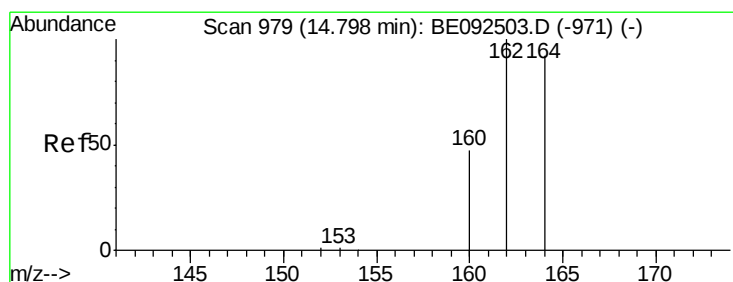
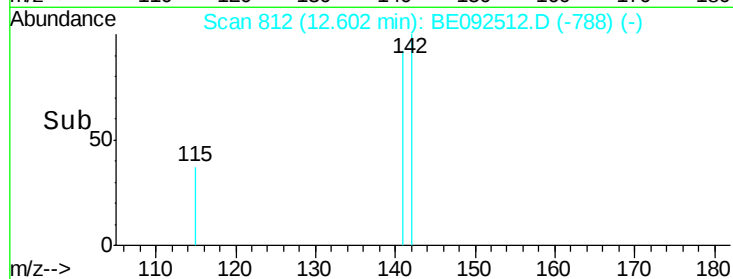
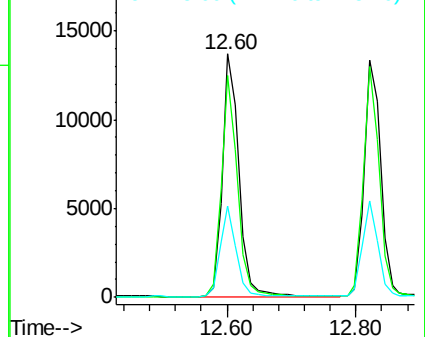
115 37.3 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

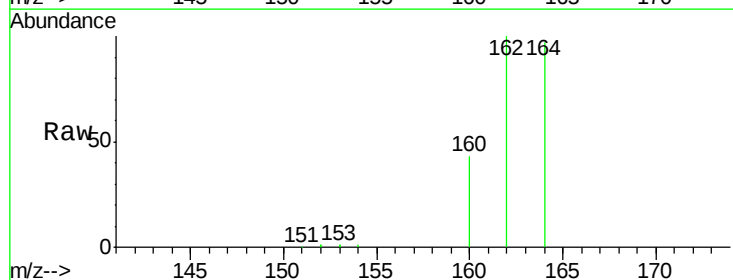
Tgt Ion:164 Resp: 26544

Ion Ratio Lower Upper

164 100

162 102.6 71.4 107.0

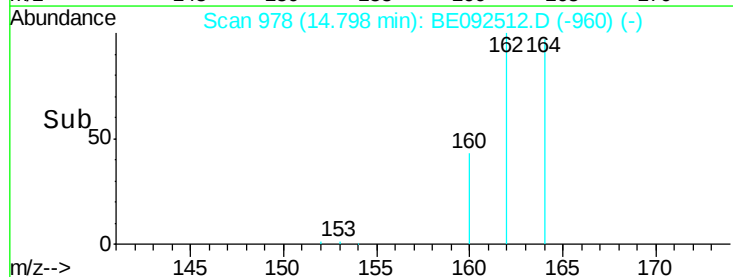
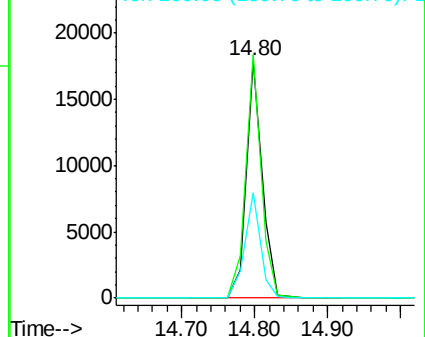
160 44.5 27.4 41.2#

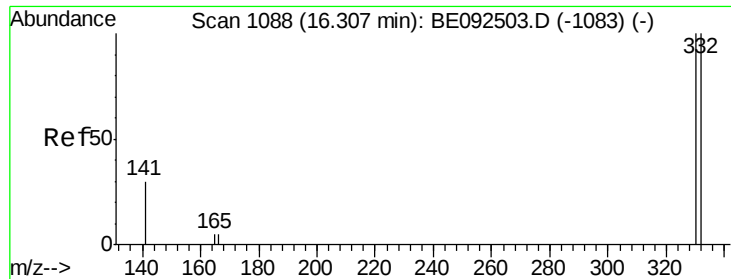


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

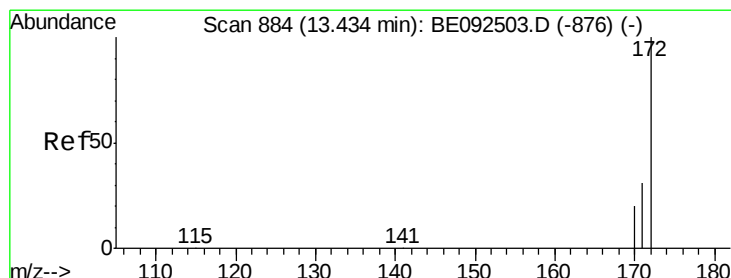
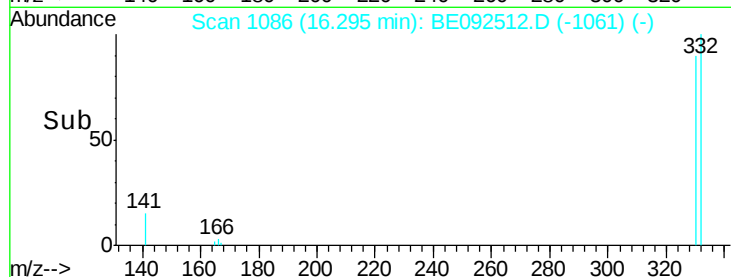
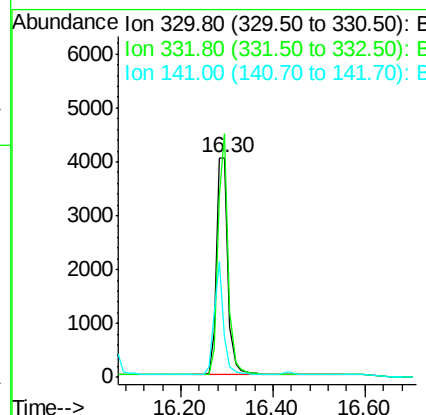
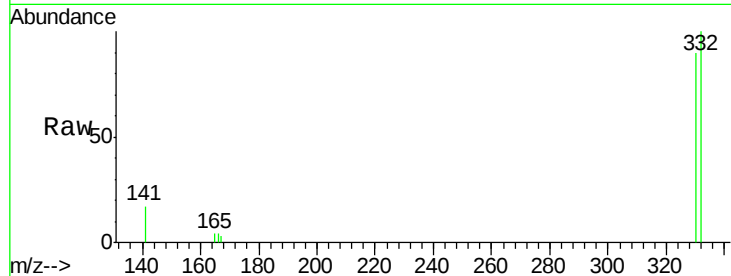




#13
 2,4,6-Tribromophenol
 Concen: 7.58 ng
 RT: 16.30 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

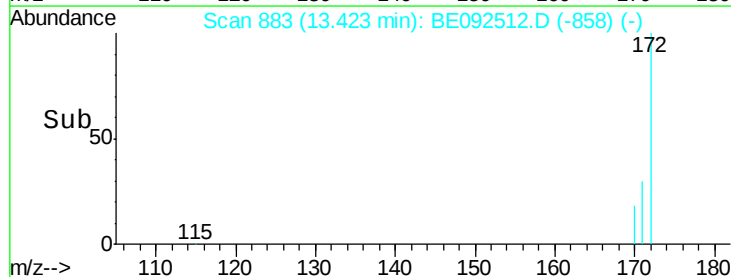
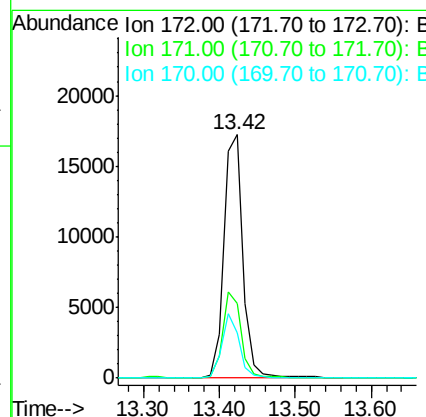
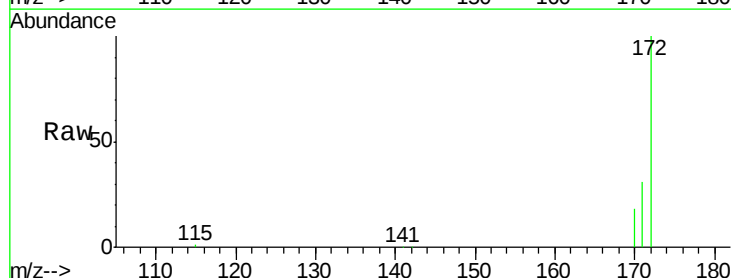
Instrument :
 BNA_E
 ClientSampleId :
 PB94535BSD

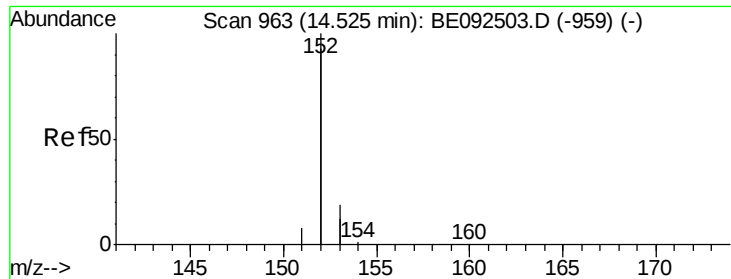
Tgt Ion:330 Resp: 7176
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.4 113.0
 141 42.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.58 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

Tgt Ion:172 Resp: 30043
 Ion Ratio Lower Upper
 172 100
 171 30.5 30.1 45.1
 170 18.5 21.8 32.6#

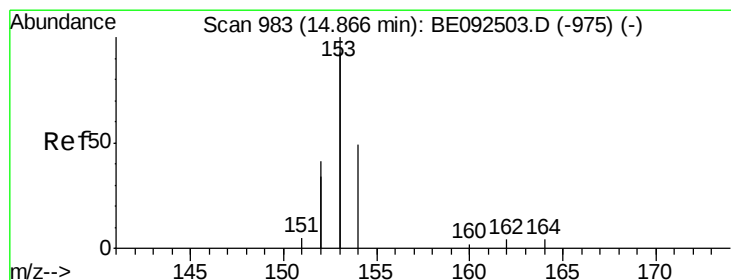
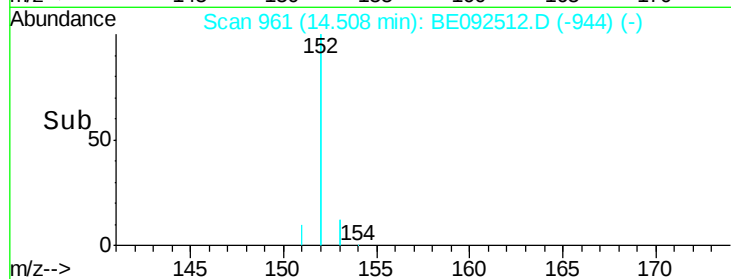
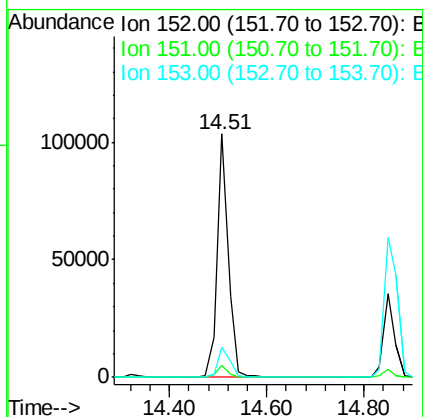
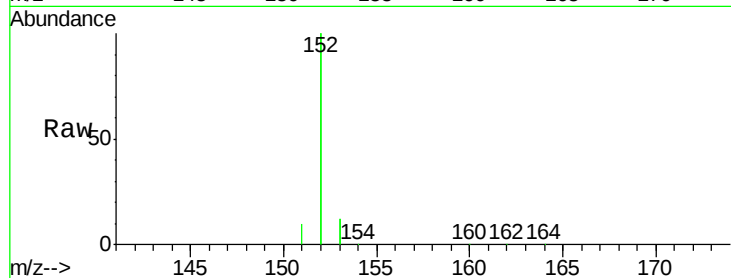




#15
Acenaphthylene
Concen: 4.27 ng
RT: 14.51 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092512.D
Acq: 8 Nov 2016 17:07

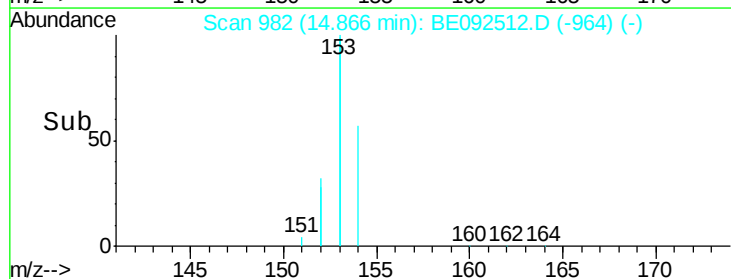
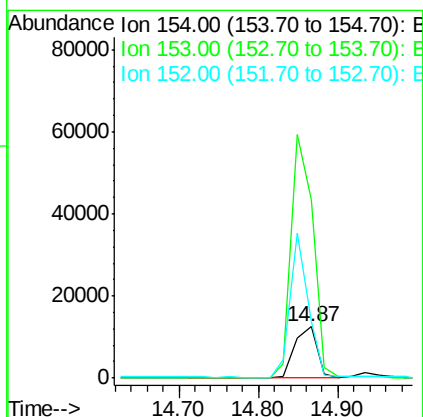
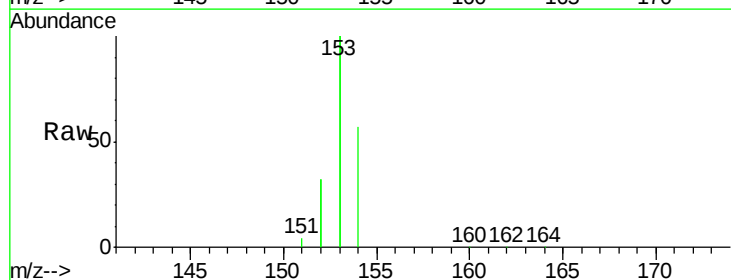
Instrument :
BNA_E
ClientSampleId :
PB94535BSD

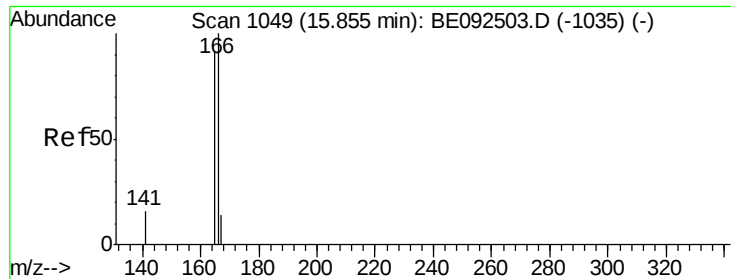
Tgt Ion:152 Resp: 162688
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 3.92 ng
RT: 14.87 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092512.D
Acq: 8 Nov 2016 17:07

Tgt Ion:154 Resp: 24148
Ion Ratio Lower Upper
154 100
153 460.5 350.8 526.2
152 228.5 171.1 256.7

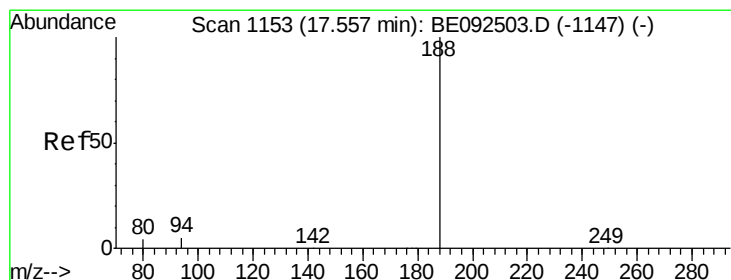
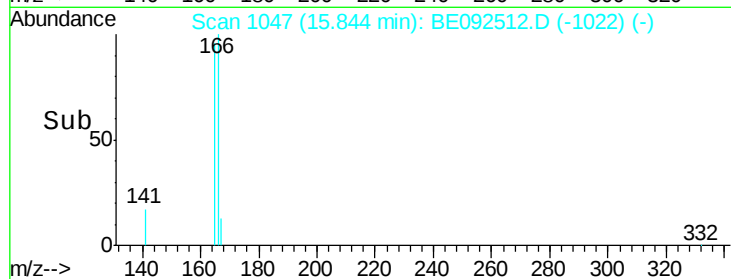
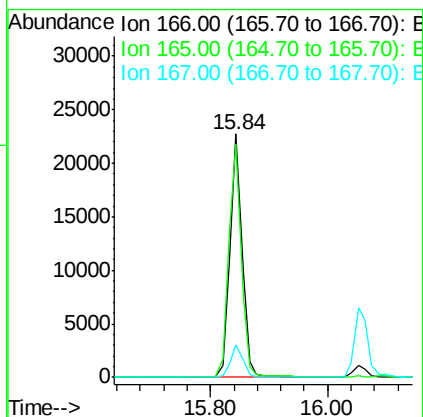
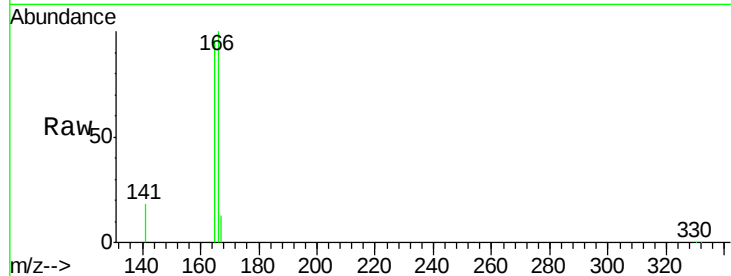




#17
Fluorene
 Concen: 4.18 ng
 RT: 15.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

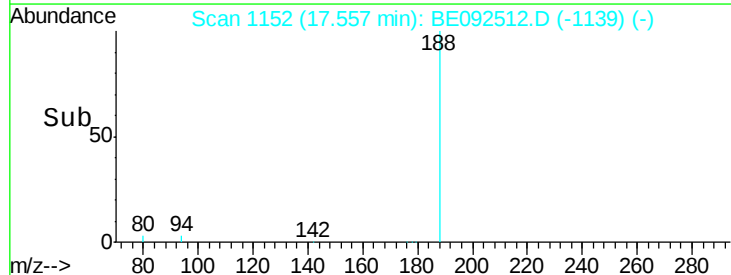
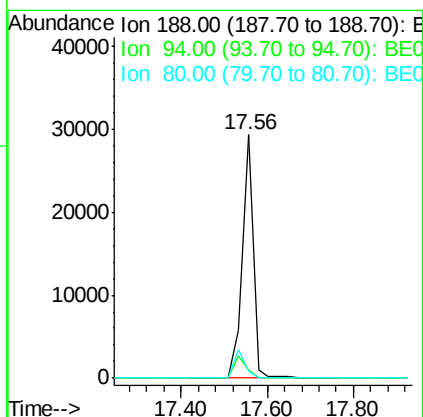
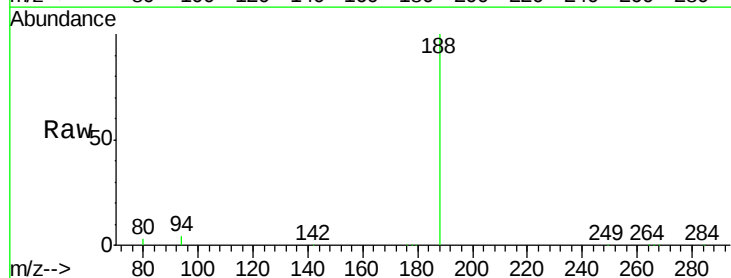
Instrument :
 BNA_E
 ClientSampleId :
 PB94535BSD

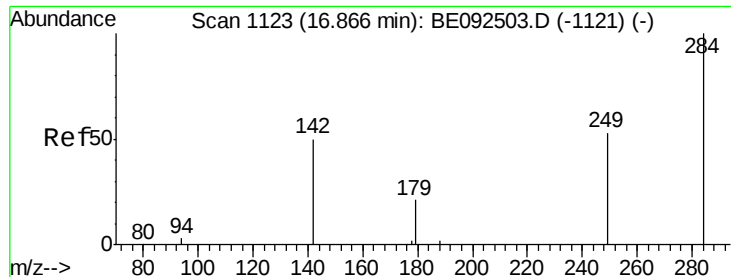
Tgt Ion:166 Resp: 32293
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

Tgt Ion:188 Resp: 50768
 Ion Ratio Lower Upper
 188 100
 94 3.6 3.2 4.8
 80 2.9 2.6 3.8





#19

Hexachlorobenzene

Concen: 5.01 ng

RT: 16.87 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

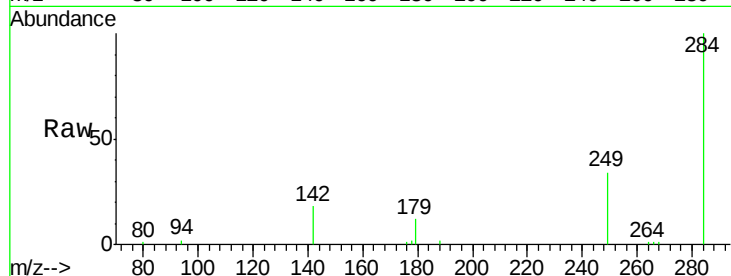
Instrument :

BNA_E

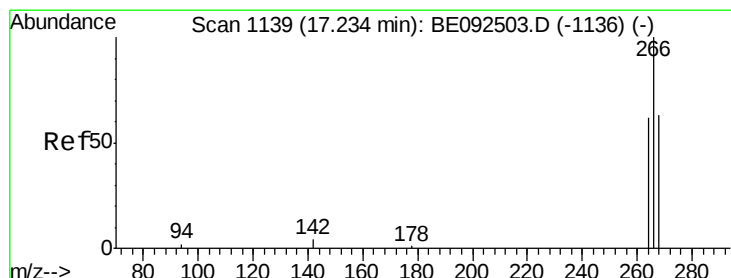
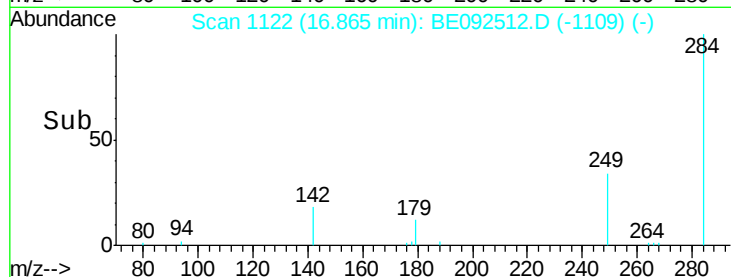
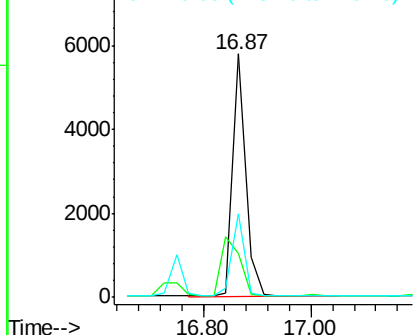
ClientSampleId :

PB94535BSD

Tgt Ion:	284	Resp:	9597
Ion Ratio	Lower	Upper	
284	100		
142	0.0	29.1	43.7#
249	33.2	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: 14.21 ng

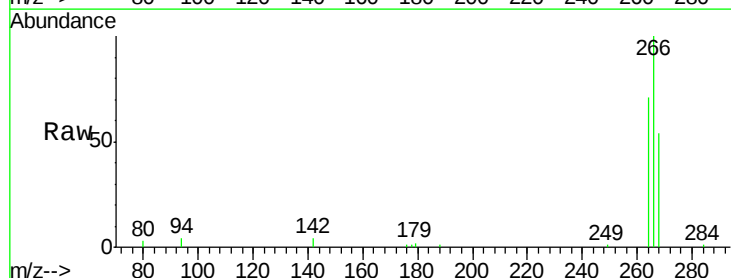
RT: 17.21 min Scan# 1137

Delta R.T. -0.02 min

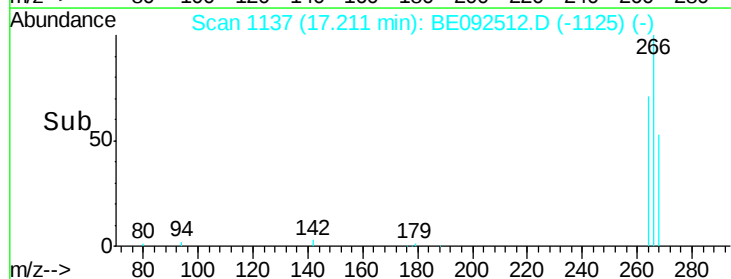
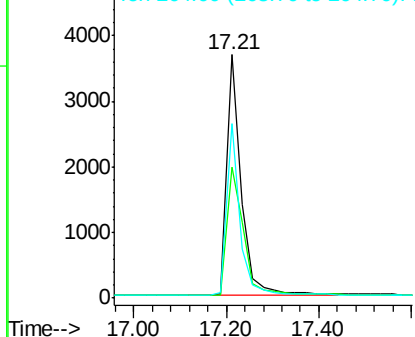
Lab File: BE092512.D

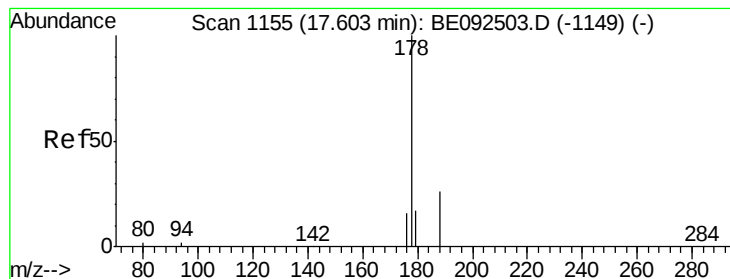
Acq: 8 Nov 2016 17:07

Tgt Ion:	266	Resp:	7872
Ion Ratio	Lower	Upper	
266	100		
268	53.8	62.5	93.7#
264	71.5	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





#21

Phenanthrene

Concen: 4.43 ng

RT: 17.58 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

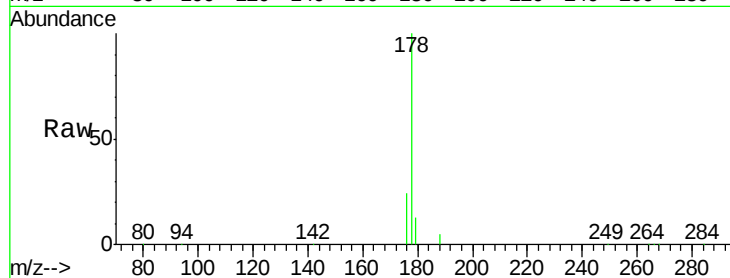
Tgt Ion:178 Resp: 48575

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

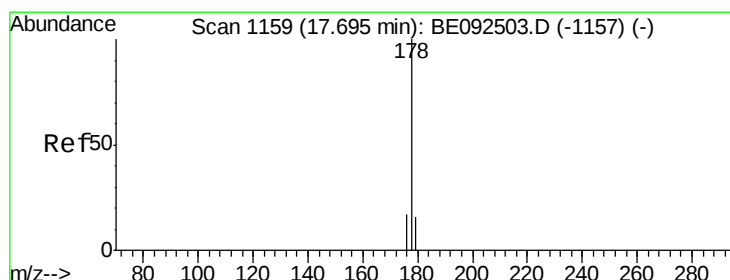
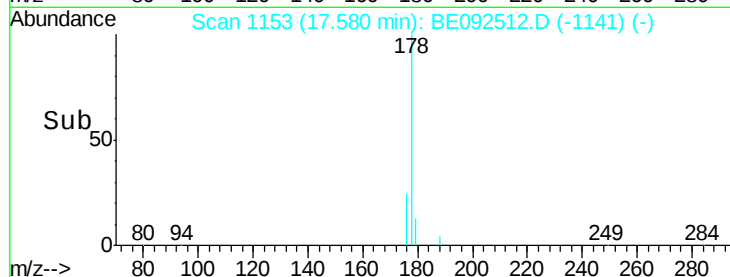
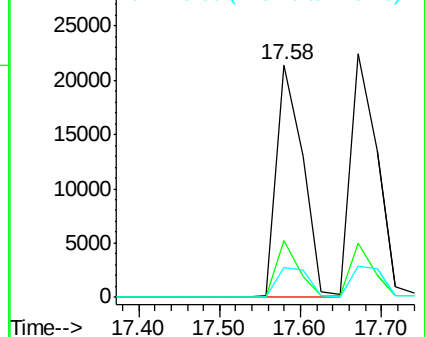
179 15.2 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 4.85 ng

RT: 17.67 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

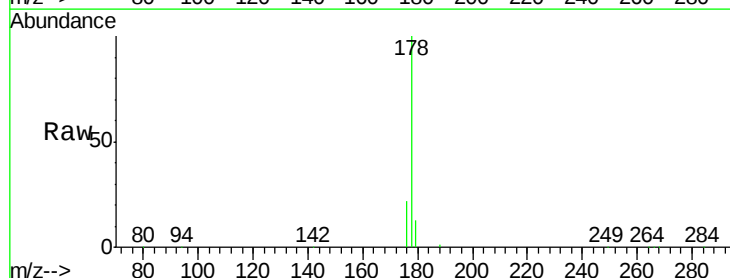
Tgt Ion:178 Resp: 51631

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

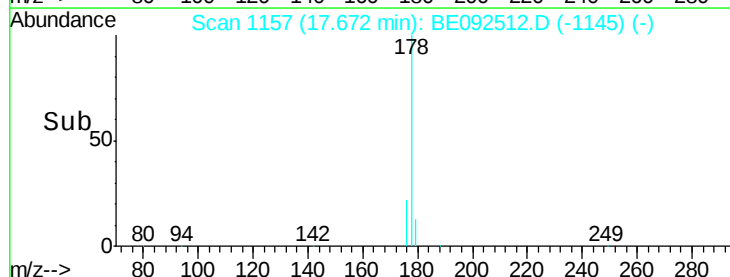
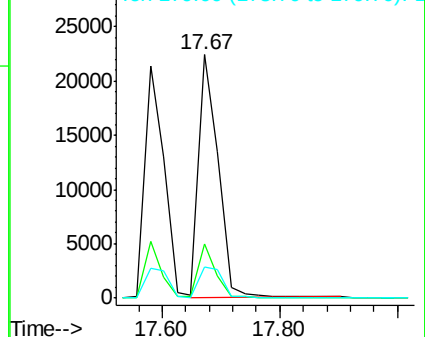
179 15.1 12.2 18.2

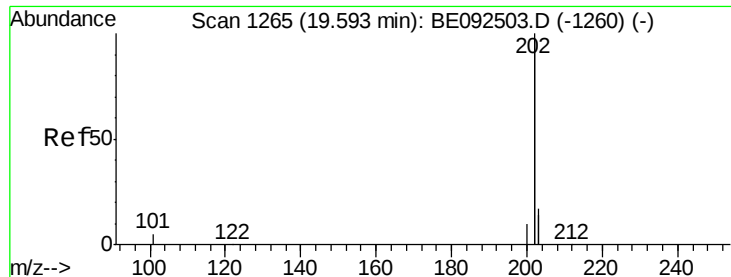


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 4.25 ng

RT: 19.59 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

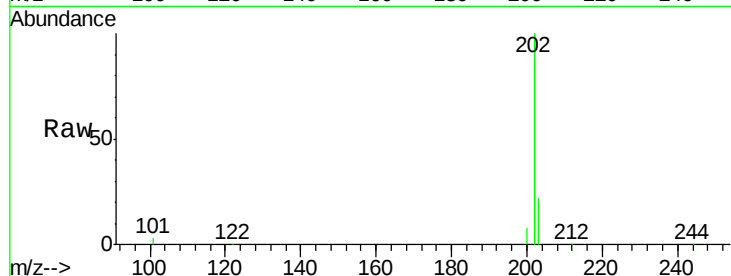
Tgt Ion:202 Resp: 234067

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

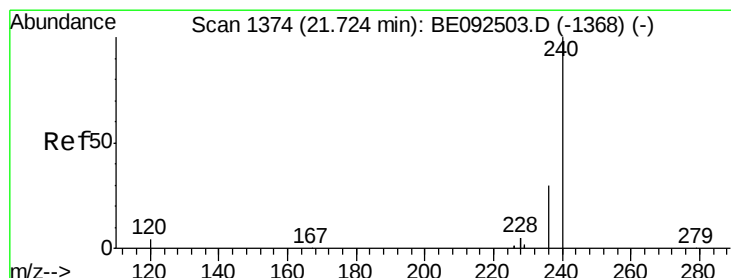
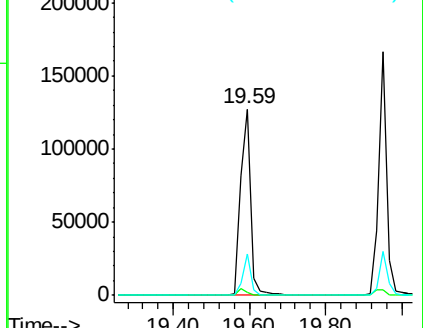
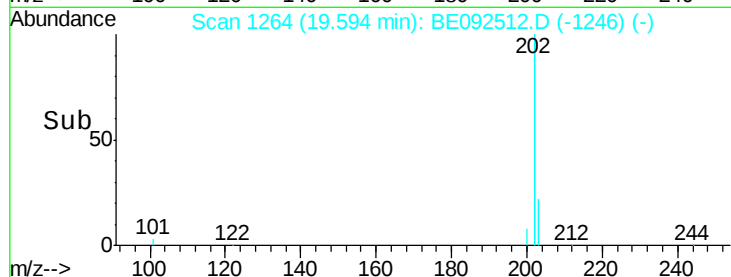
203 17.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

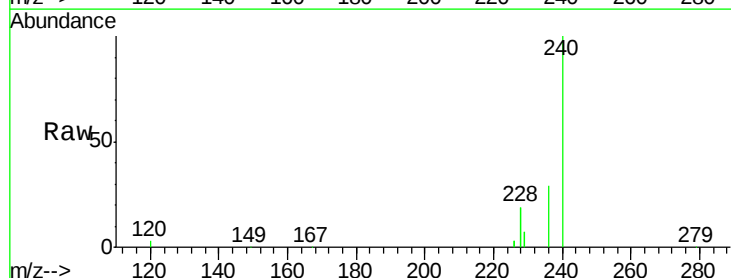
Tgt Ion:240 Resp: 64045

Ion Ratio Lower Upper

240 100

120 2.7 2.6 4.0

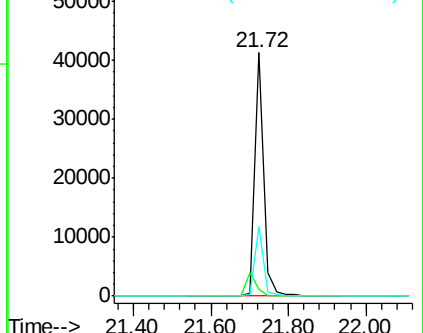
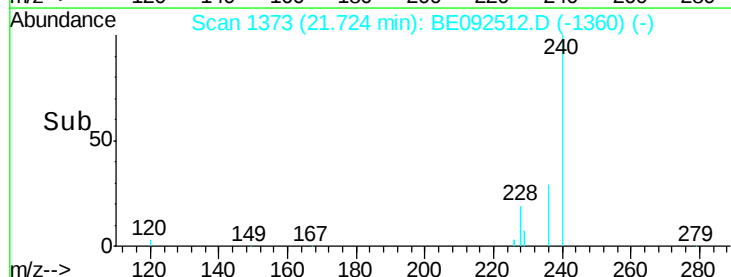
236 28.7 24.6 37.0

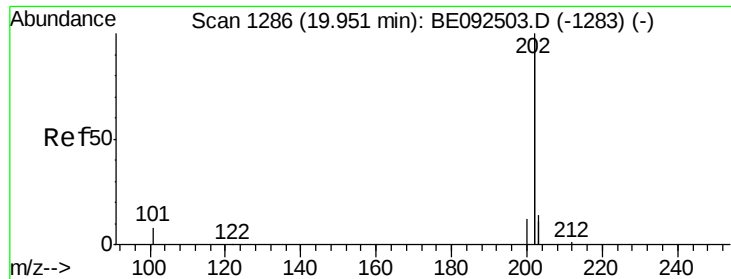


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 4.68 ng

RT: 19.95 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

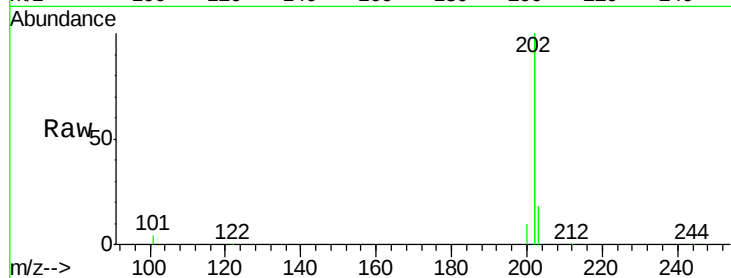
Tgt Ion:202 Resp: 245670

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

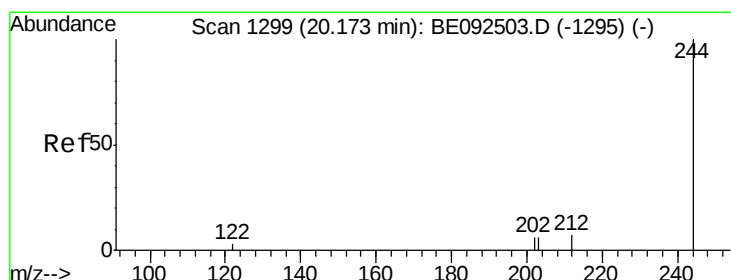
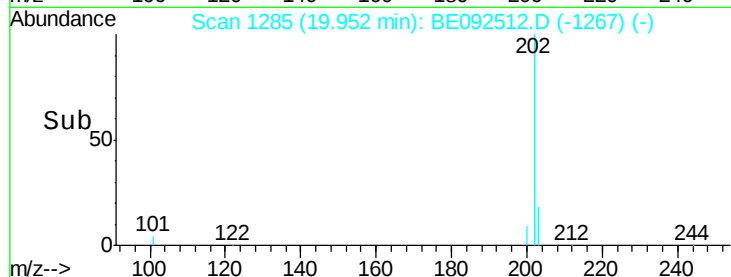
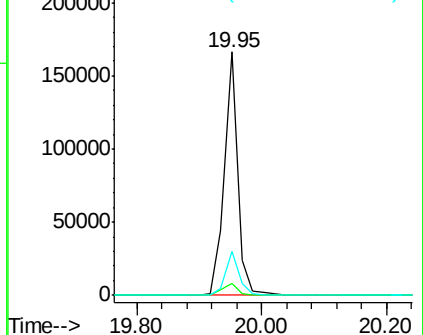
203 18.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 4.98 ng

RT: 20.16 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

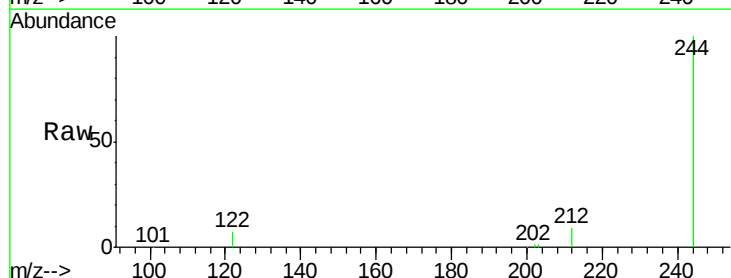
Tgt Ion:244 Resp: 38766

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

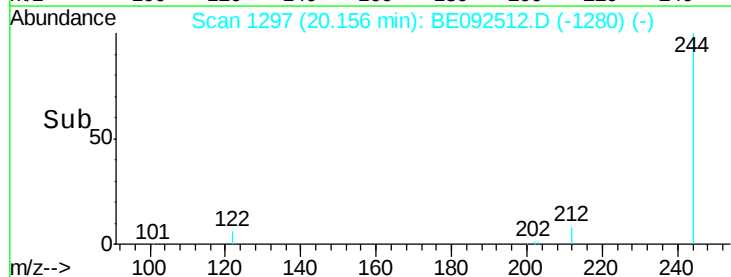
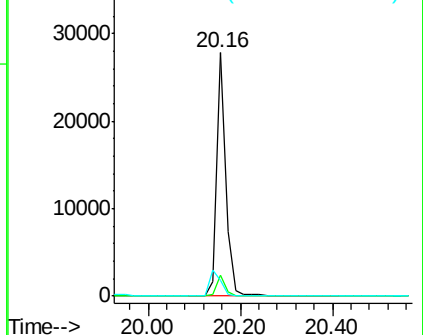
122 6.6 3.6 5.4#

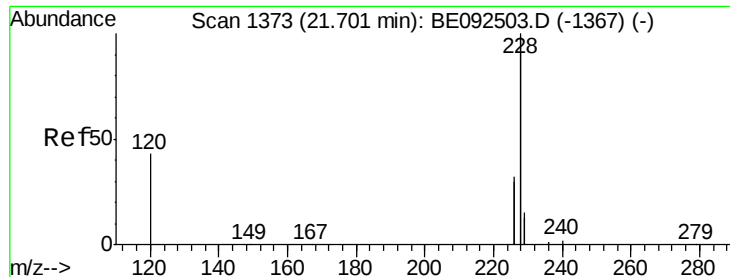


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

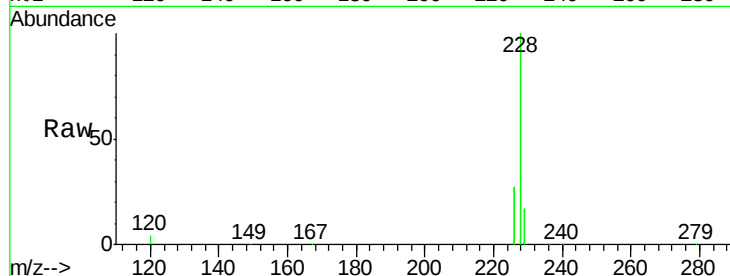




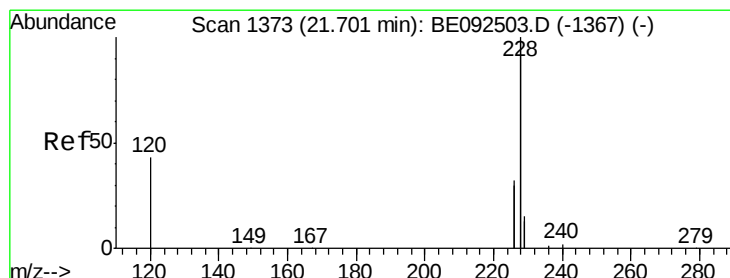
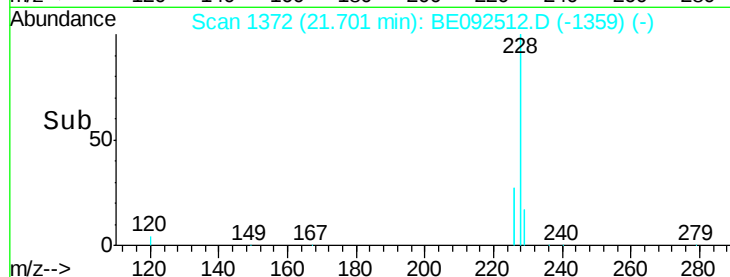
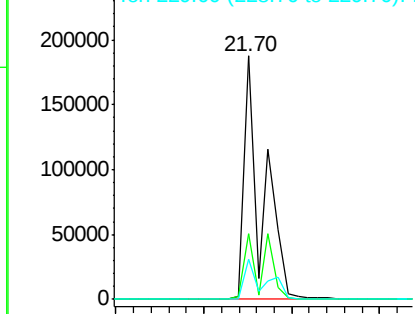
#27
Benzo(a)anthracene
Concen: 8.05 ng
RT: 21.70 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092512.D
Acq: 8 Nov 2016 17:07

Instrument :
BNA_E
ClientSampleId :
PB94535BSD

Tgt Ion:228 Resp: 522423
Ion Ratio Lower Upper
228 100
226 26.8 23.6 35.4
229 16.7 13.3 19.9

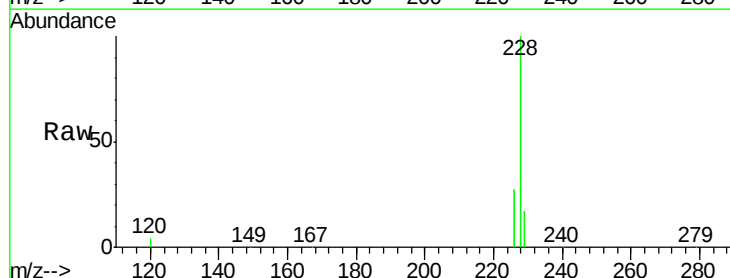


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

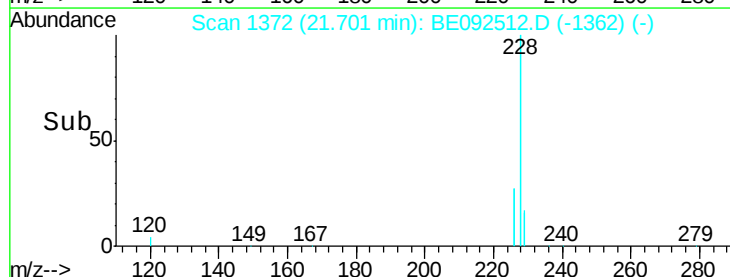
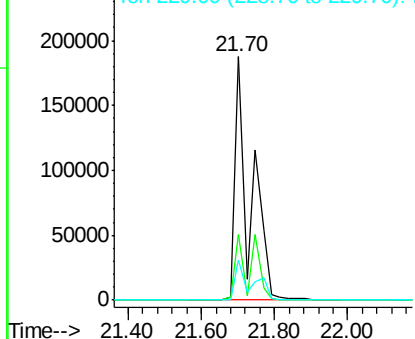


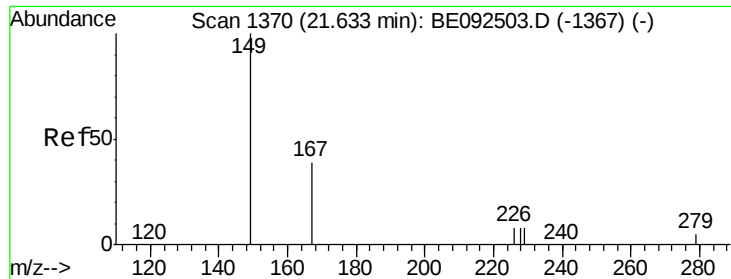
#28
Chrysene
Concen: 10.33 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.07 min
Lab File: BE092512.D
Acq: 8 Nov 2016 17:07

Tgt Ion:228 Resp: 524001
Ion Ratio Lower Upper
228 100
226 26.8 36.3 54.5#
229 16.7 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: 4.03 ng

RT: 21.61 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

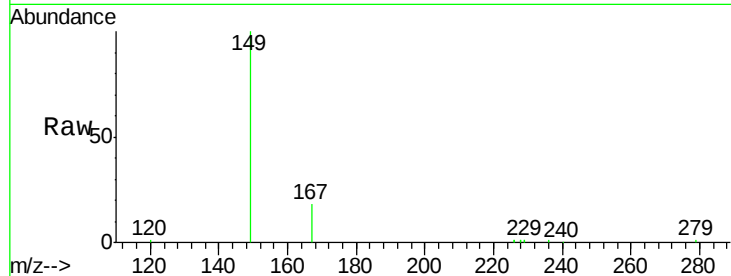
Tgt Ion:149 Resp: 22896

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

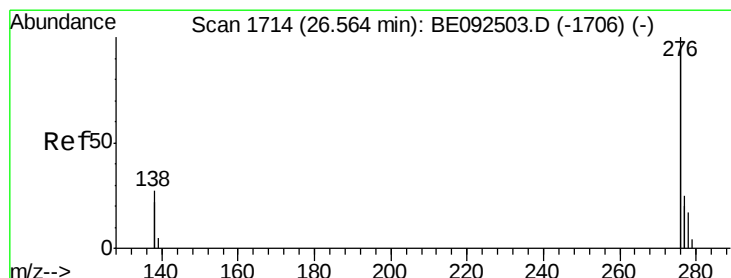
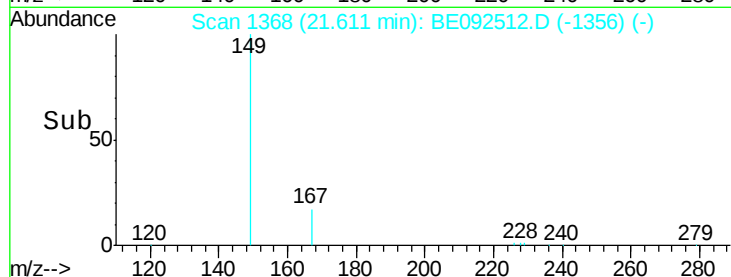
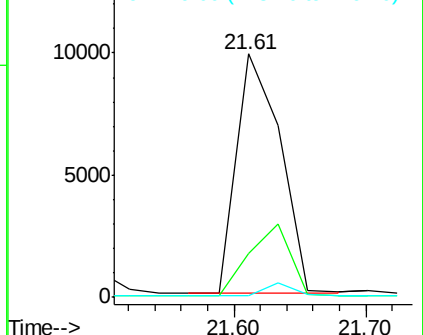
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 4.41 ng

RT: 26.55 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

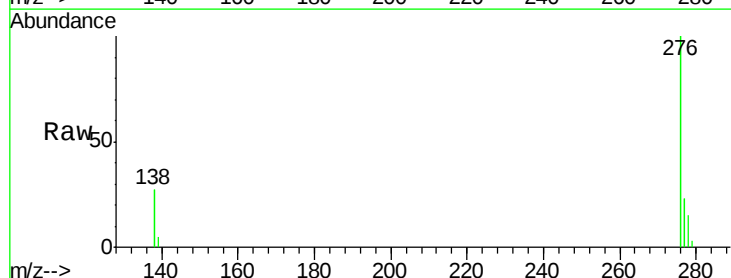
Tgt Ion:276 Resp: 312143

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

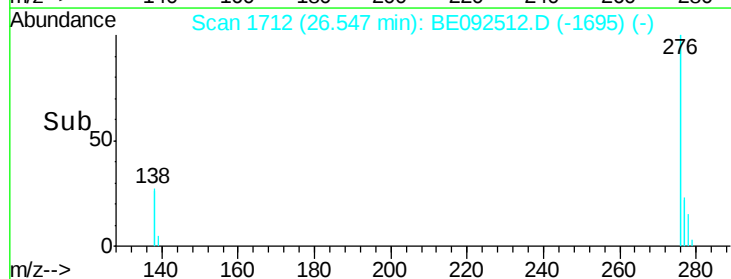
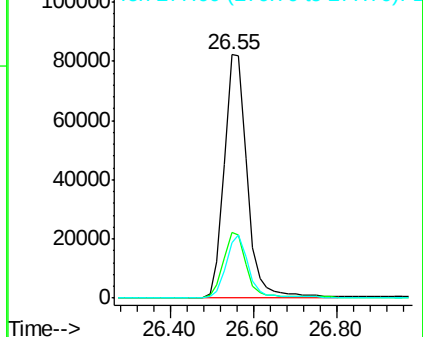
277 24.7 19.7 29.5

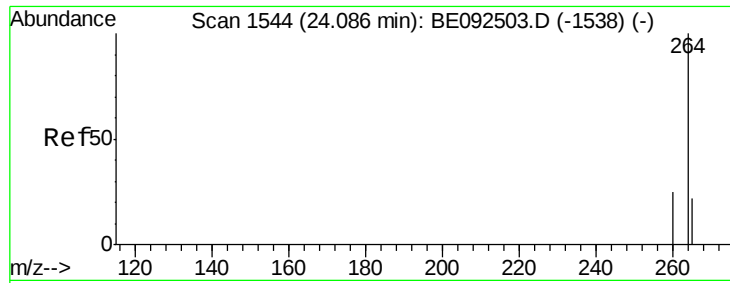


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

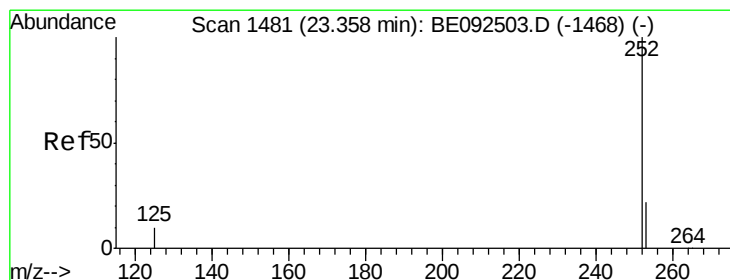
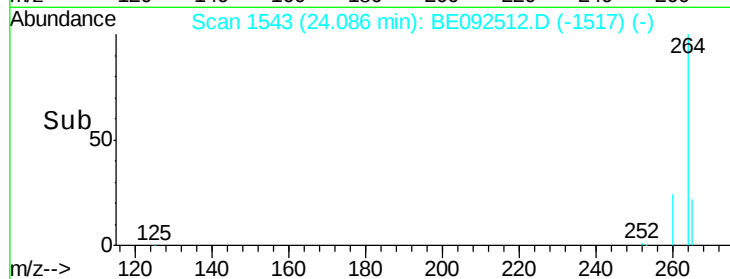
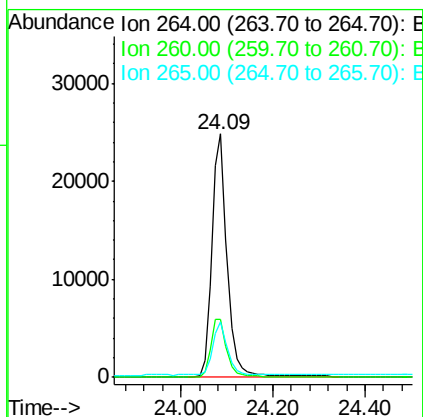
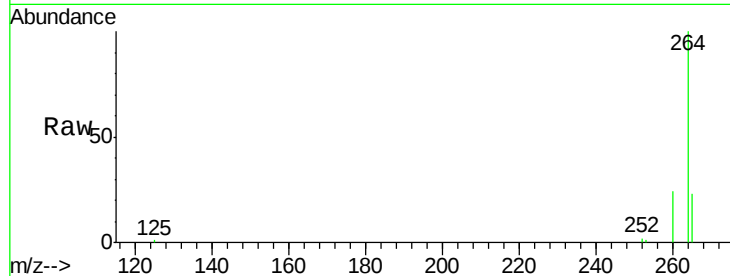




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.09 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

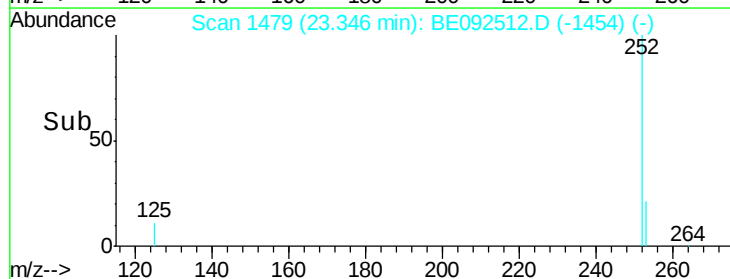
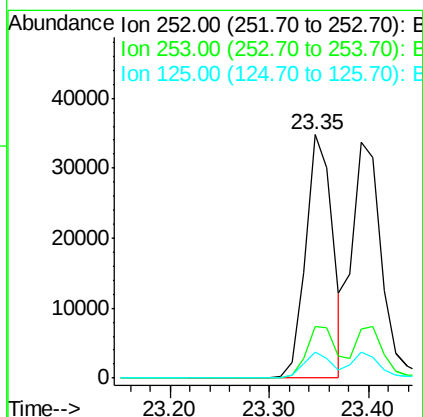
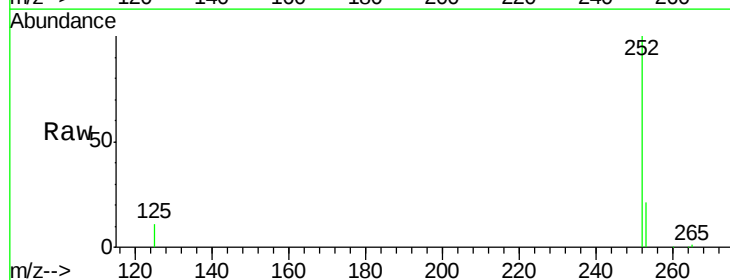
Instrument :
 BNA_E
 ClientSampleId :
 PB94535BSD

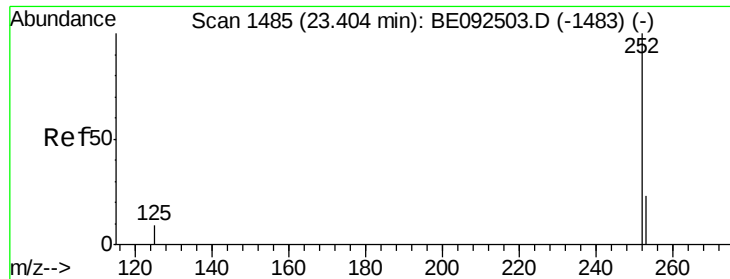
Tgt Ion:264 Resp: 56694
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 23.0 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 4.49 ng
 RT: 23.35 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BE092512.D
 Acq: 8 Nov 2016 17:07

Tgt Ion:252 Resp: 65347
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.7 28.1
 125 10.8 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 4.59 ng

RT: 23.39 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

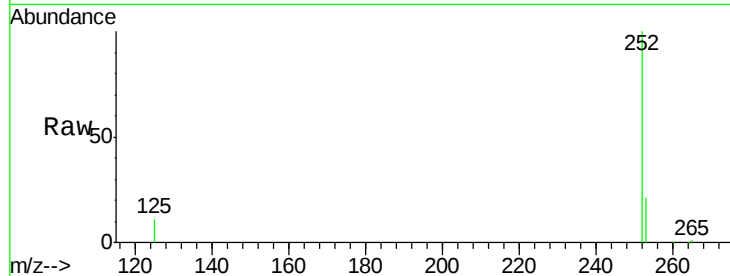
Tgt Ion:252 Resp: 70452

Ion Ratio Lower Upper

252 100

253 20.7 20.3 30.5

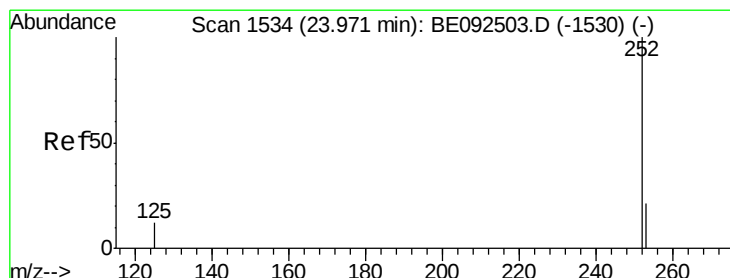
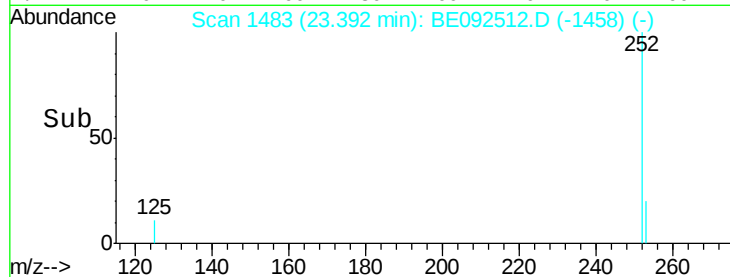
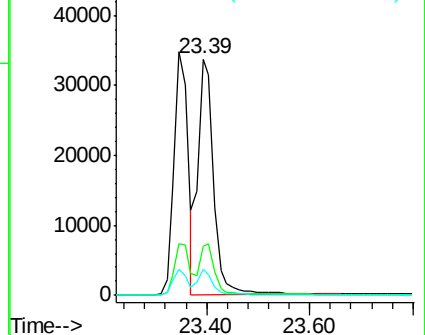
125 10.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 4.27 ng

RT: 23.97 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

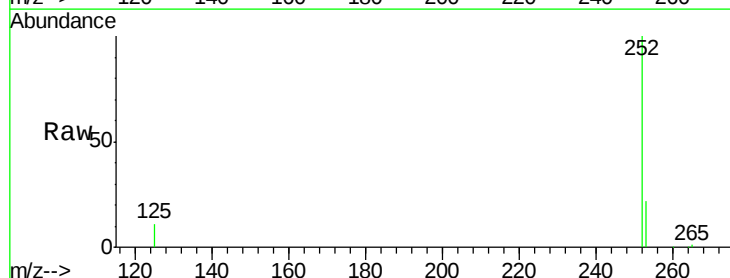
Tgt Ion:252 Resp: 62510

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.6

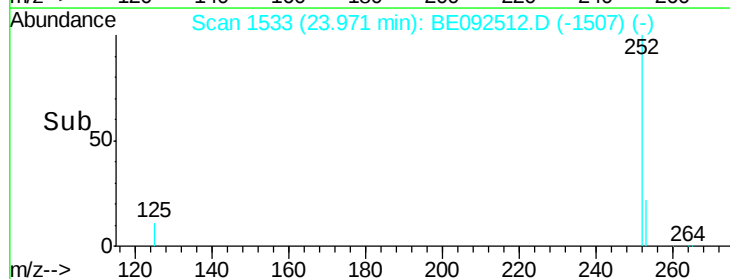
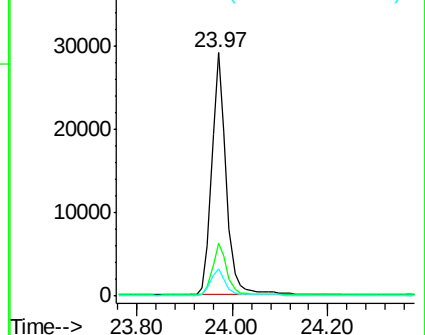
125 11.2 11.8 17.8#

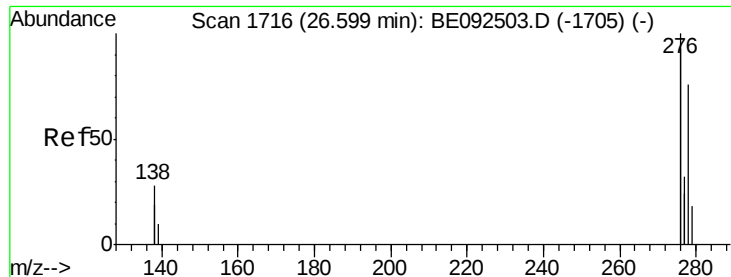


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 4.71 ng

RT: 26.58 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

Instrument :

BNA_E

ClientSampleId :

PB94535BSD

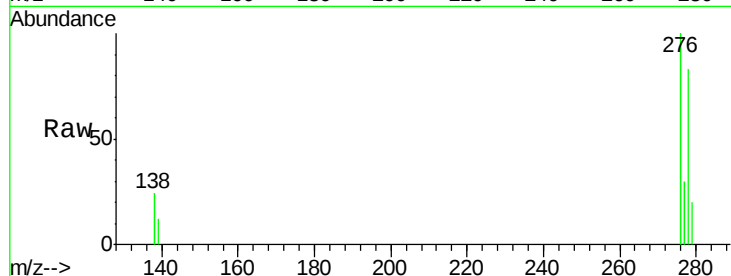
Tgt Ion:278 Resp: 64978

Ion Ratio Lower Upper

278 100

139 14.5 13.8 20.8

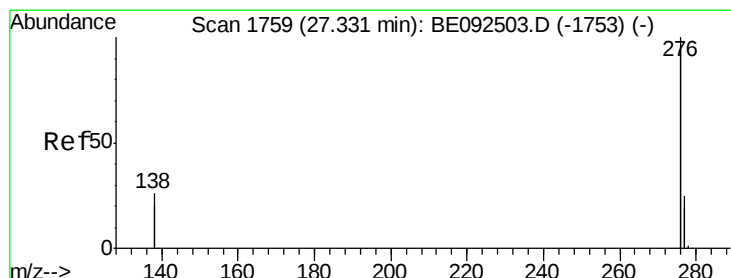
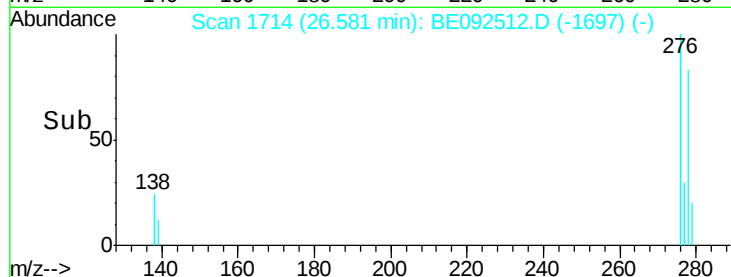
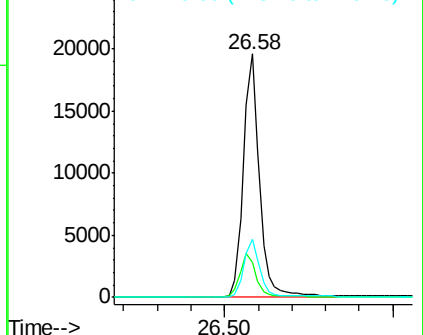
279 24.0 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 4.76 ng

RT: 27.31 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BE092512.D

Acq: 8 Nov 2016 17:07

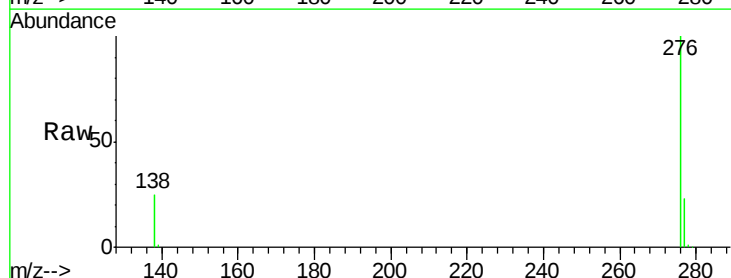
Tgt Ion:276 Resp: 270561

Ion Ratio Lower Upper

276 100

277 22.5 19.8 29.8

138 24.6 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

