

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
 Data File : BE092447.D
 Acq On : 7 Oct 2016 14:38
 Operator : UM/SJ
 Sample : PB93840BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93840BSD

Quant Time: Oct 07 23:18:27 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9939	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	43631	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	28379	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	54660	5.00	ng	0.02
24) Chrysene-d12	21.75	240	90128	5.00	ng	0.00
31) Perylene-d12	24.11	264	75479	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	18062	7.71	ng	-0.02
5) Phenol-d6	7.34	99	23360	6.99	ng	-0.02
8) Nitrobenzene-d5	9.34	82	11161	3.60	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	6456	6.45	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	26960	4.01	ng	-0.01
26) Terphenyl-d14	20.17	244	39019	3.49	ng	0.00

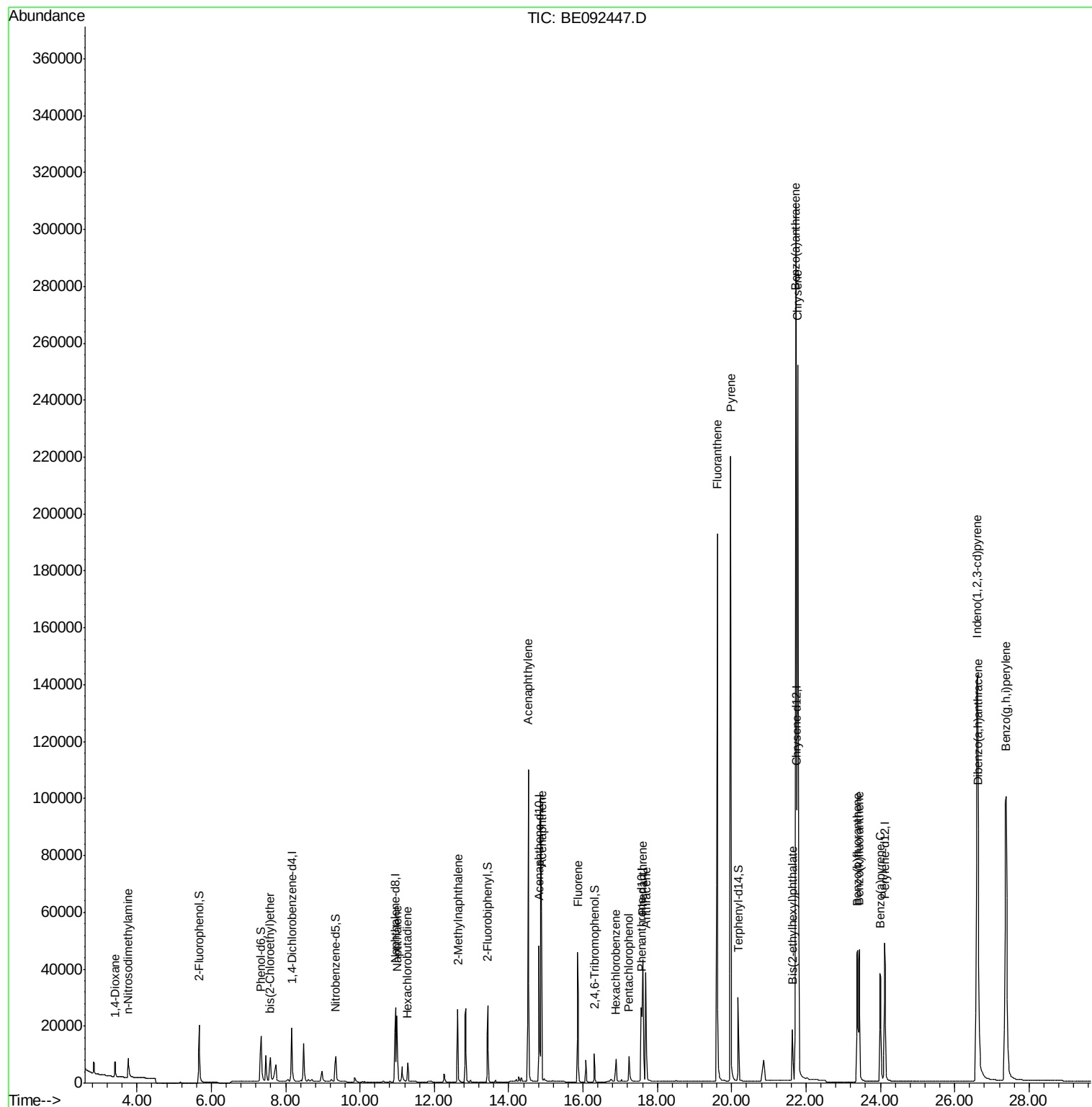
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	3645	3.39	ng	# 83
3) n-Nitrosodimethylamine	3.76	42	5849	3.76	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	9197	3.52	ng	# 26
9) Naphthalene	10.99	128	33044	3.50	ng	# 95
10) Hexachlorobutadiene	11.28	225	5007	3.37	ng	99
11) 2-Methylnaphthalene	12.62	142	22083	3.53	ng	# 87
15) Acenaphthylene	14.52	152	146077	3.55	ng	100
16) Acenaphthene	14.88	154	21761	3.38	ng	90
17) Fluorene	15.86	166	29148	3.57	ng	99
19) Hexachlorobenzene	16.89	284	8737	3.73	ng	# 64
20) Pentachlorophenol	17.23	266	7736	9.02	ng	# 85
21) Phenanthrene	17.60	178	52397	4.17	ng	# 94
22) Anthracene	17.69	178	50595	4.19	ng	99
23) Fluoranthene	19.61	202	243422	4.08	ng	99
25) Pyrene	19.97	202	259685	3.32	ng	99
27) Benzo(a)anthracene	21.72	228	315990m	3.60	ng	
28) Chrysene	21.77	228	287994m	3.58	ng	
29) Bis(2-ethylhexyl)phthalate	21.63	149	25627	3.39	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.60	276	311837	3.65	ng	98
32) Benzo(b)fluoranthene	23.38	252	76739	4.20	ng	# 96
33) Benzo(k)fluoranthene	23.43	252	66051	3.45	ng	94
34) Benzo(a)pyrene	24.00	252	68393	3.82	ng	94
35) Dibenzo(a,h)anthracene	26.63	278	64702	3.94	ng	# 94
36) Benzo(g,h,i)perylene	27.38	276	268710	3.81	ng	97

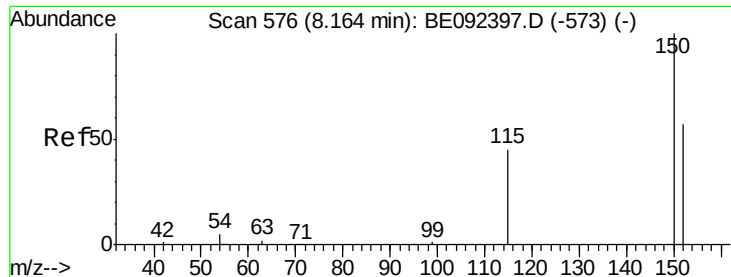
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

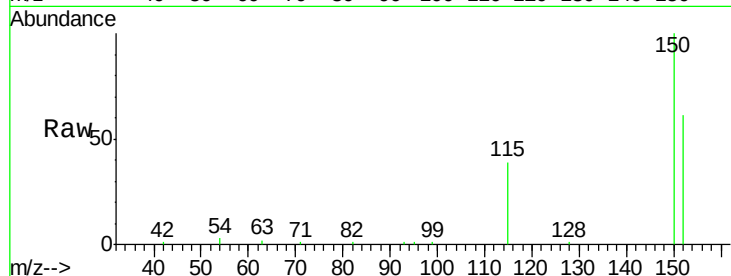
Tot Ion:152 Resp: 9939

Ion Ratio Lower Upper

152 100

150 163.2 106.0 159.0#

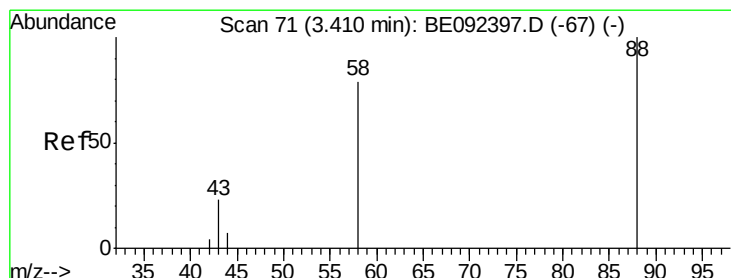
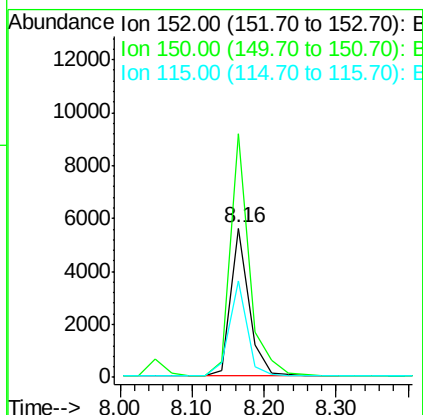
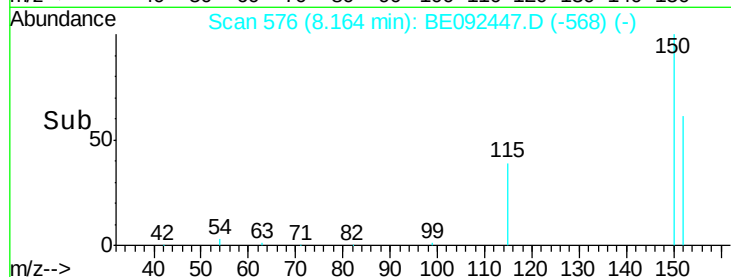
115 64.2 31.2 46.8#



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: 3.39 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

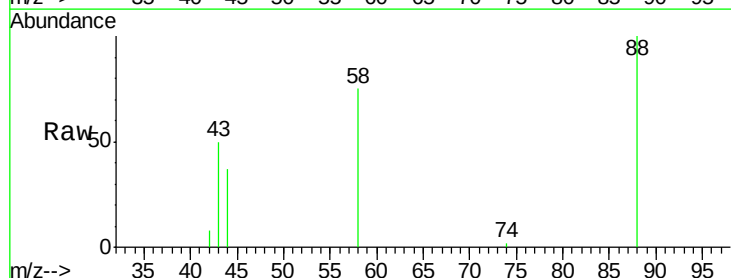
Tgt Ion: 88 Resp: 3645

Ion Ratio Lower Upper

88 100

58 91.1 63.6 95.4

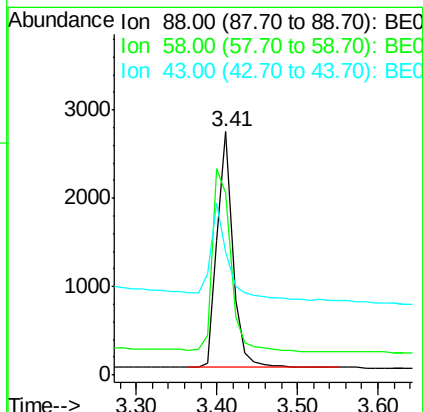
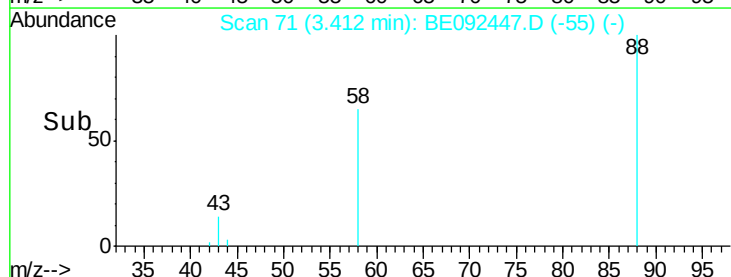
43 49.1 28.0 42.0#

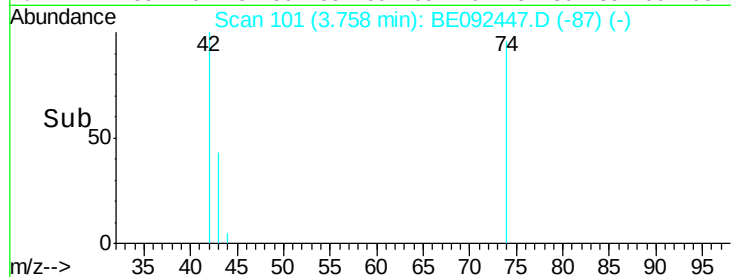
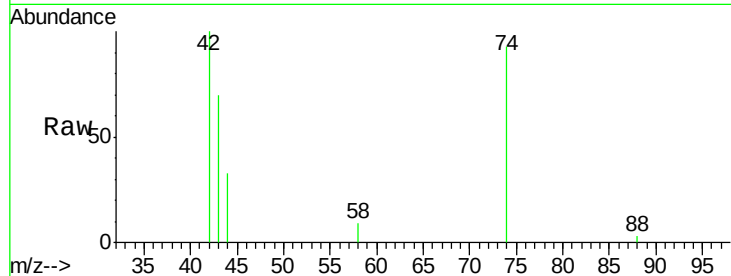
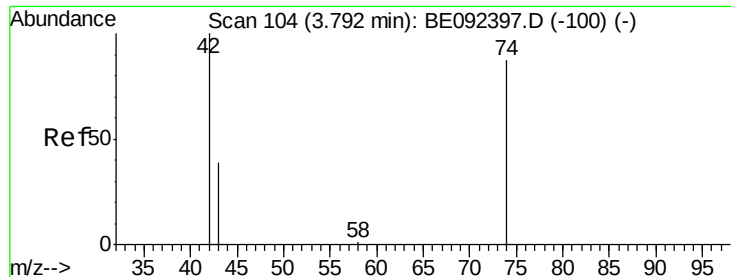


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.76 ng

RT: 3.76 min Scan# 101

Delta R.T. -0.04 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

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PB93840BSD

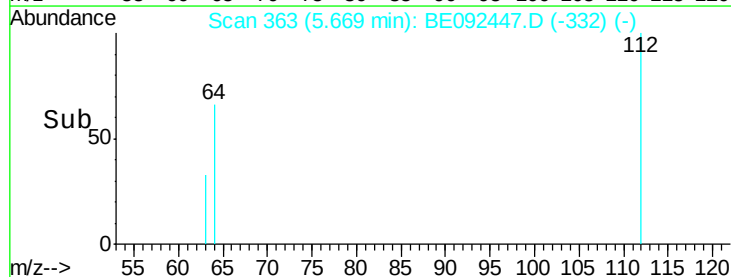
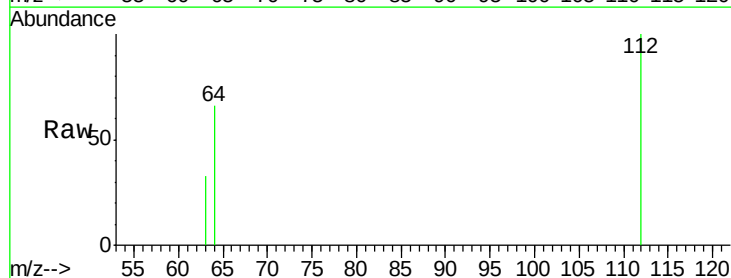
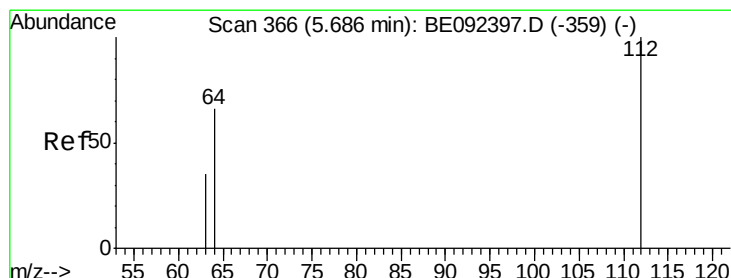
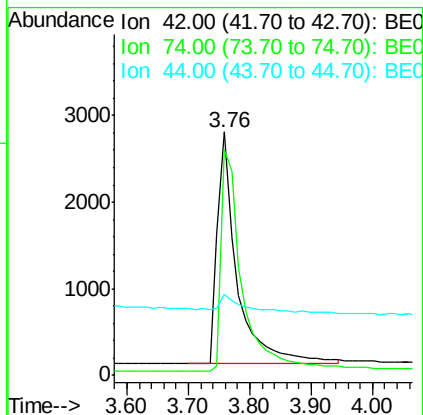
Tot Ion: 42 Resp: 5849

Ion Ratio Lower Upper

42 100

74 104.2 86.0 129.0

44 10.5 5.1 7.7#



#4

2-Fluorophenol

Concen: 7.71 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

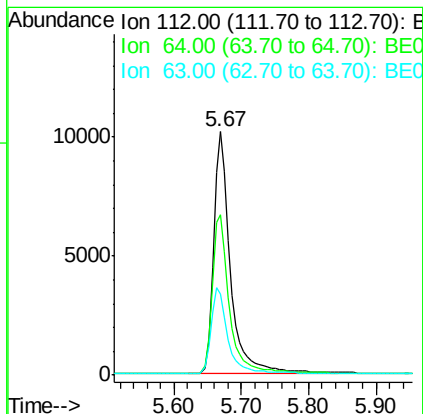
Tgt Ion: 112 Resp: 18062

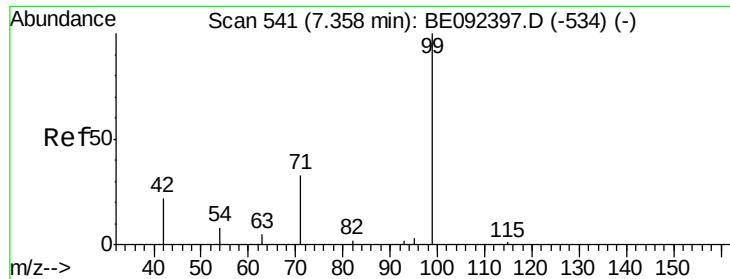
Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

63 36.2 27.9 41.9





#5

Phenol-d6

Concen: 6.99 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

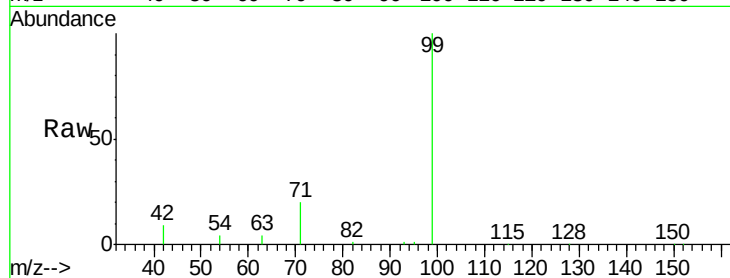
Tot Ion: 99 Resp: 23360

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

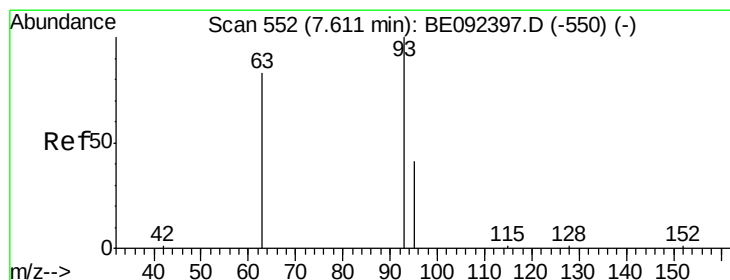
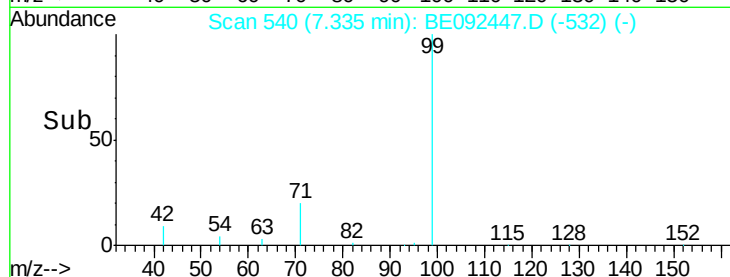
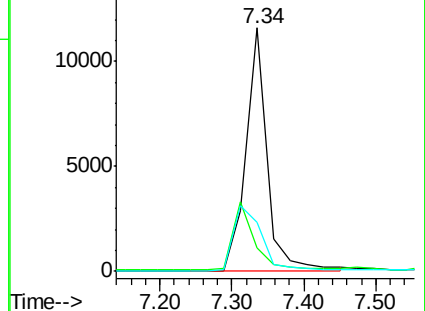
71 0.0 30.6 45.8#



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: 3.52 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

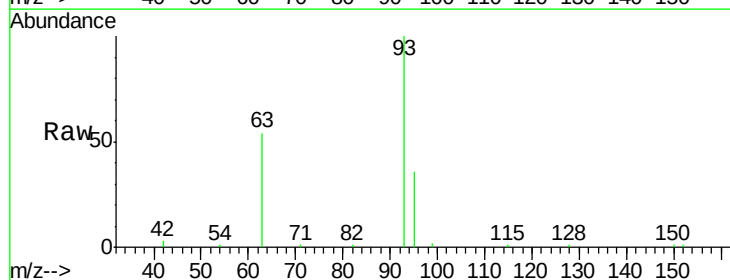
Tgt Ion: 93 Resp: 9197

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

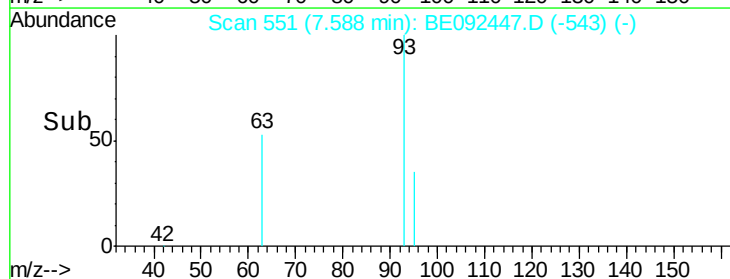
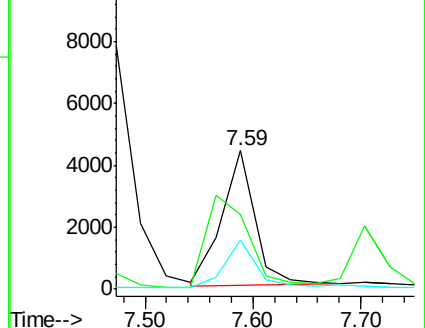
95 34.8 24.0 36.0

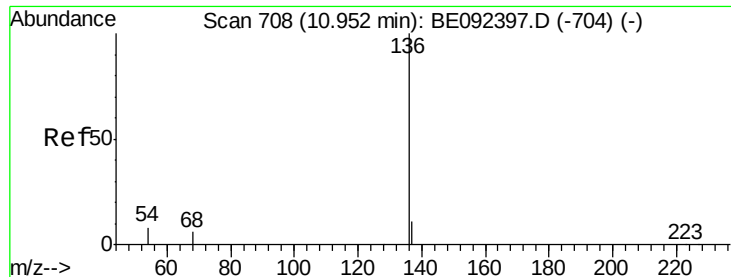


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

Tot Ion:136 Resp: 43631

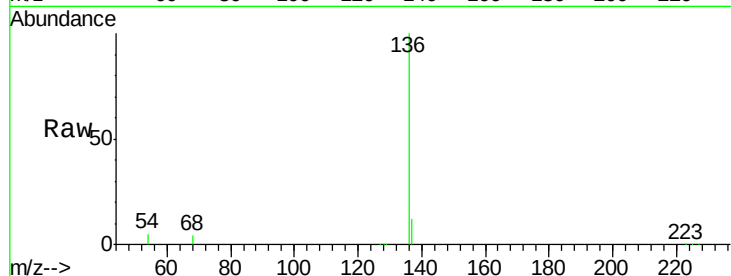
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.4

54 5.1 9.6 14.4#

68 4.0 6.7 10.1#

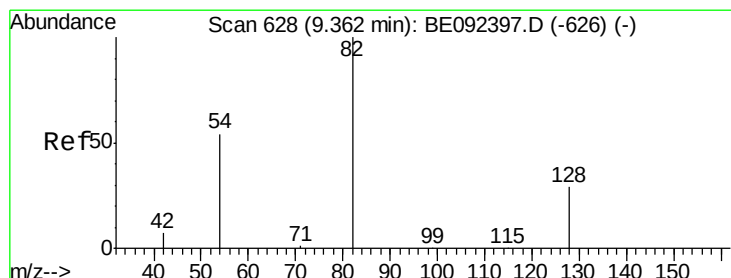
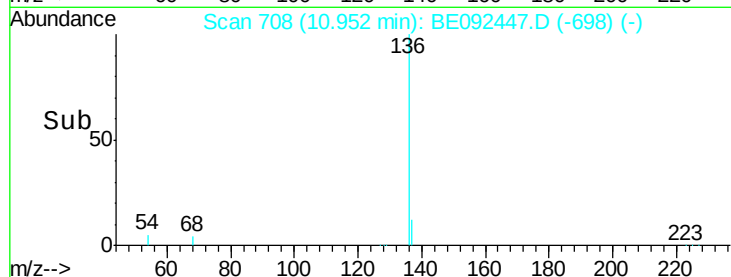
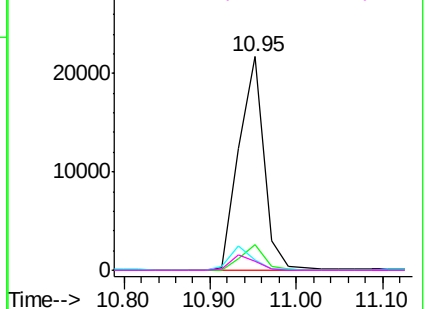


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.60 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

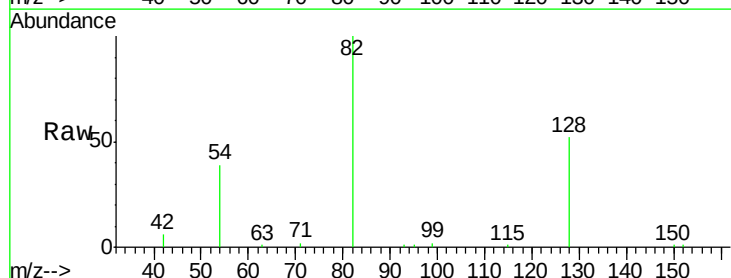
Tgt Ion: 82 Resp: 11161

Ion Ratio Lower Upper

82 100

128 51.7 39.0 58.4

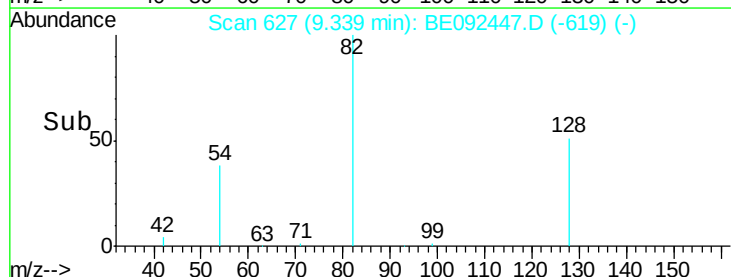
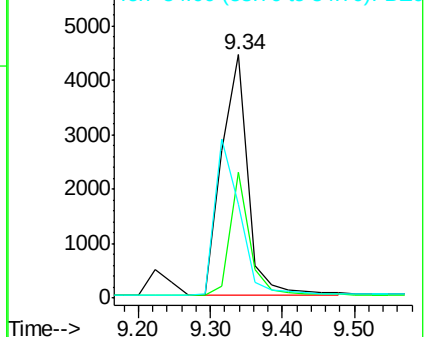
54 38.8 44.8 67.2#

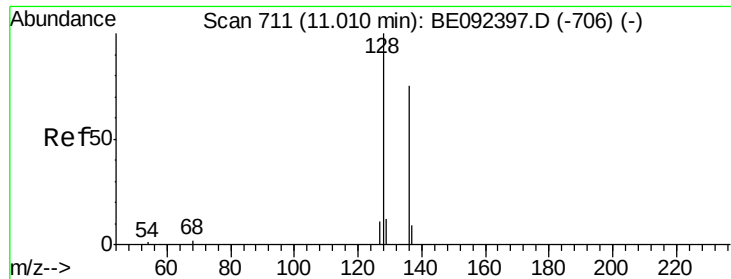


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.50 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

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ClientSampleId :

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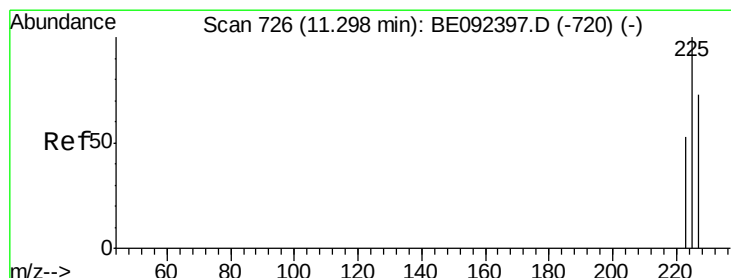
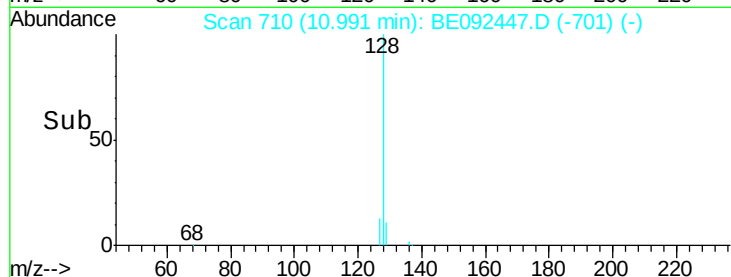
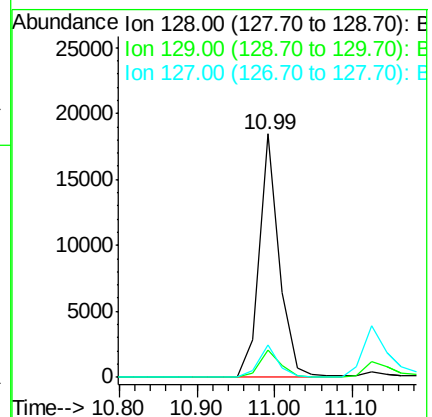
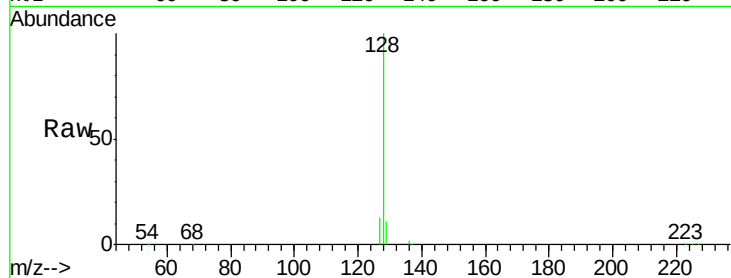
Tot Ion:128 Resp: 33044

Ion Ratio Lower Upper

128 100

129 11.0 11.2 16.8#

127 13.3 11.6 17.4



#10

Hexachlorobutadiene

Concen: 3.37 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

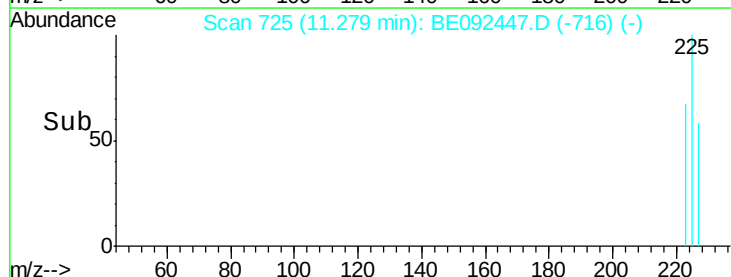
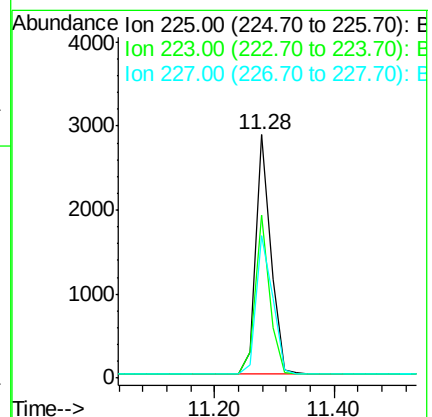
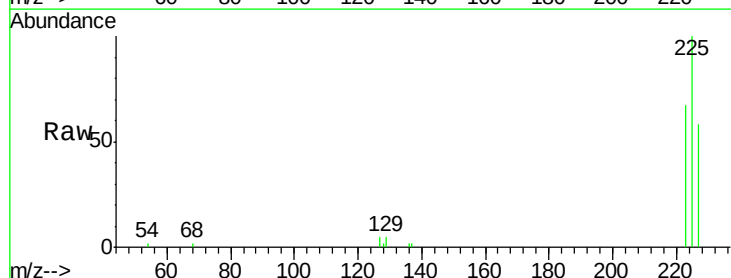
Tgt Ion:225 Resp: 5007

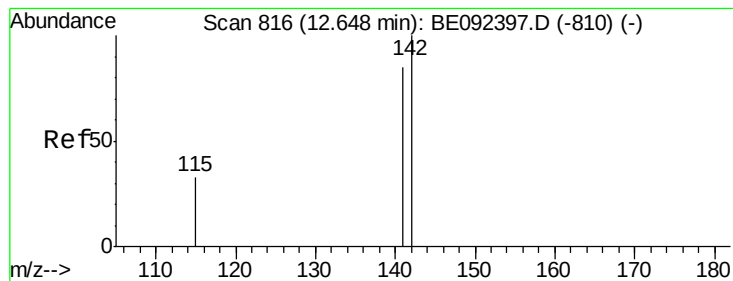
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

227 63.0 51.4 77.0





#11

2-Methylnaphthalene

Concen: 3.53 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

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PB93840BSD

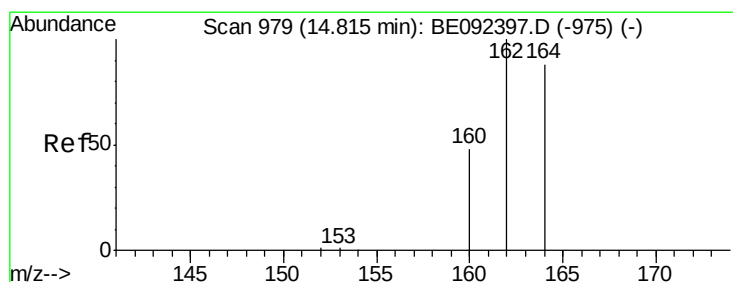
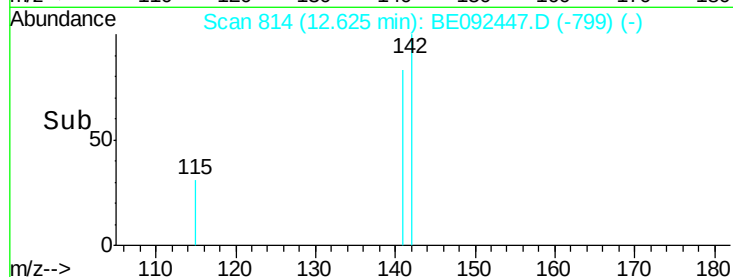
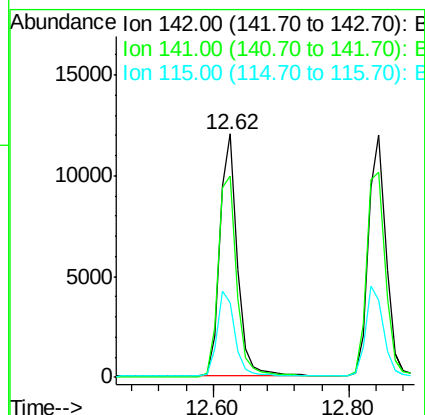
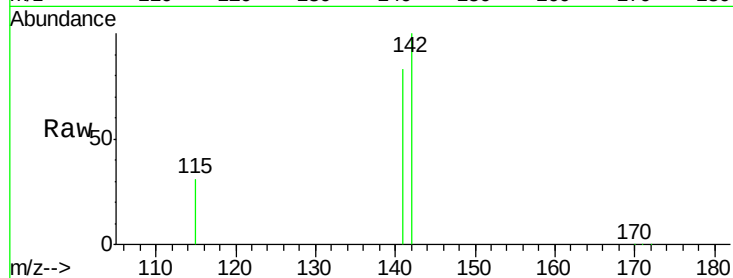
Tot Ion:142 Resp: 22083

Ion Ratio Lower Upper

142 100

141 82.5 73.7 110.5

115 30.9 34.0 51.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

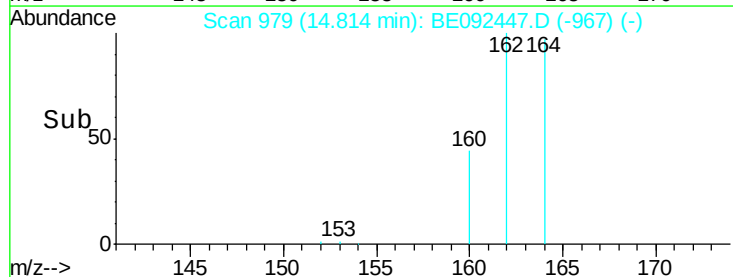
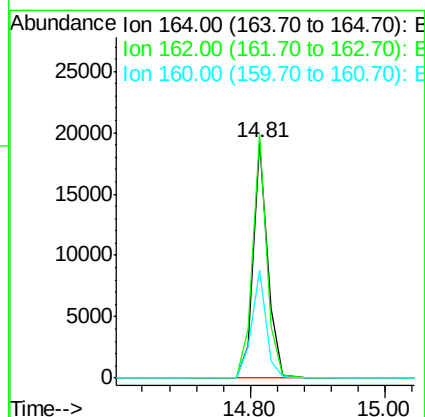
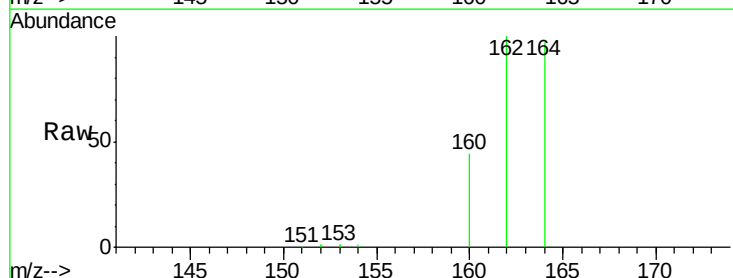
Tgt Ion:164 Resp: 28379

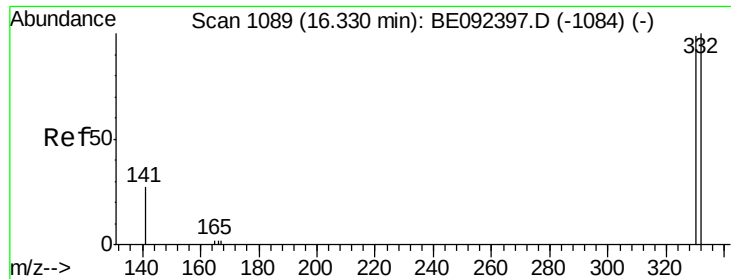
Ion Ratio Lower Upper

164 100

162 103.3 71.4 107.0

160 45.6 27.4 41.2#

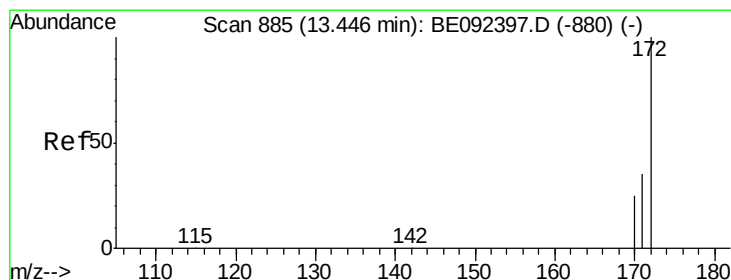
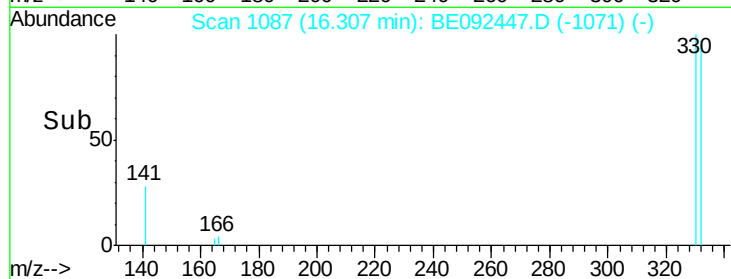
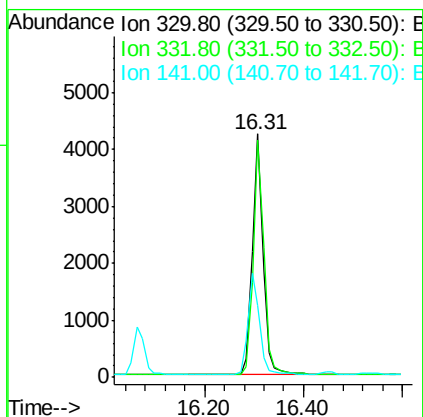
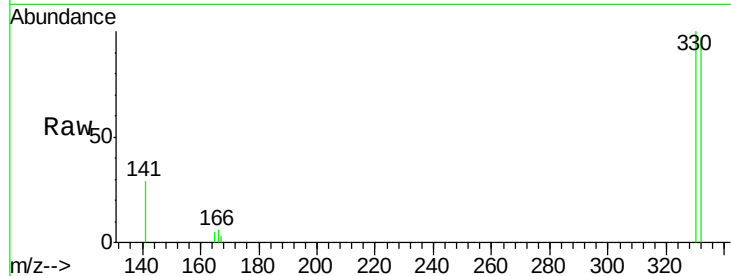




#13
 2,4,6-Tribromophenol
 Concen: 6.45 ng
 RT: 16.31 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092447.D
 Acq: 7 Oct 2016 14:38

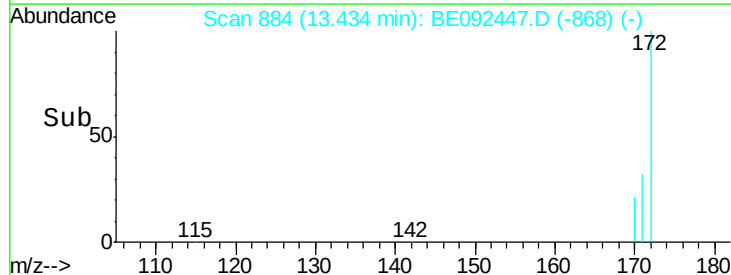
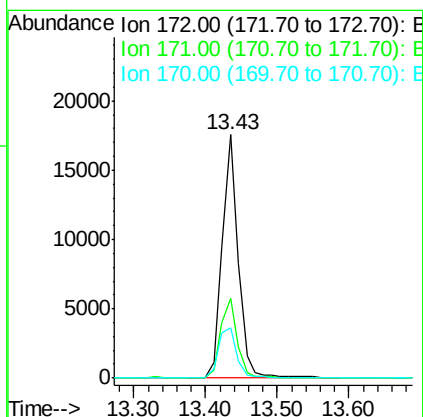
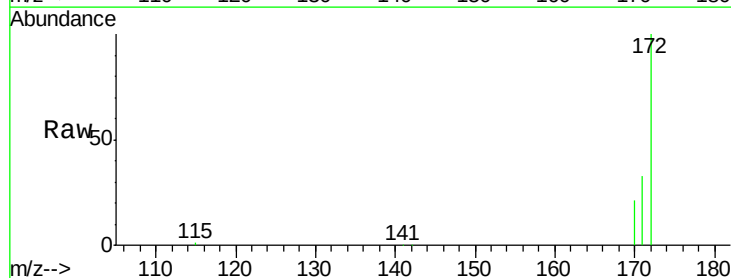
Instrument :
 BNA_E
 ClientSampleId :
 PB93840BSD

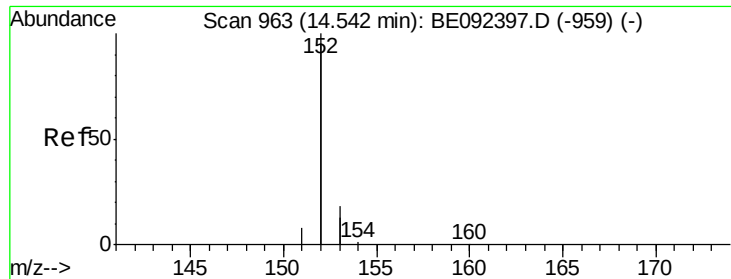
Tot Ion:330 Resp: 6456
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.0
 141 43.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.01 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092447.D
 Acq: 7 Oct 2016 14:38

Tgt Ion:172 Resp: 26960
 Ion Ratio Lower Upper
 172 100
 171 32.7 30.1 45.1
 170 20.9 21.8 32.6#





#15

Acenaphthylene

Concen: 3.55 ng

RT: 14.52 min Scan# 962

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

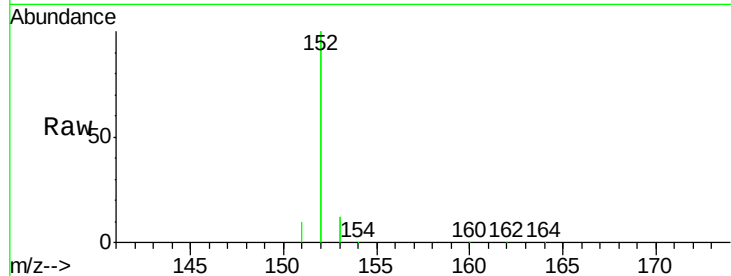
Tot Ion:152 Resp: 146077

Ion Ratio Lower Upper

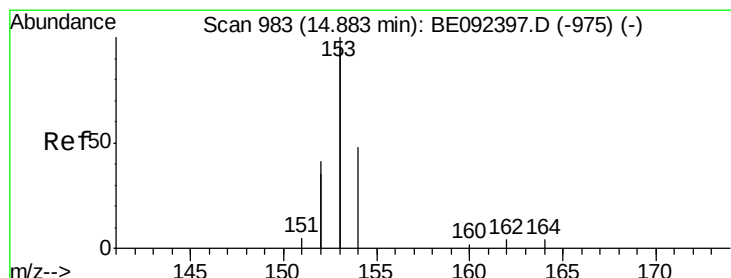
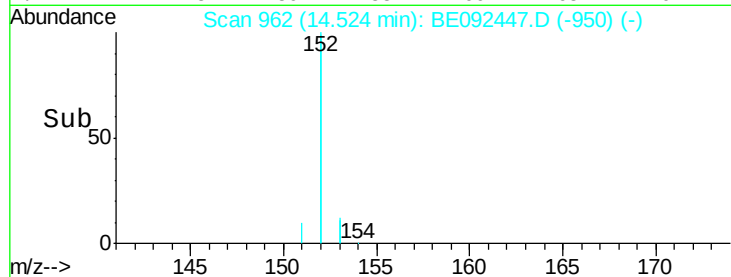
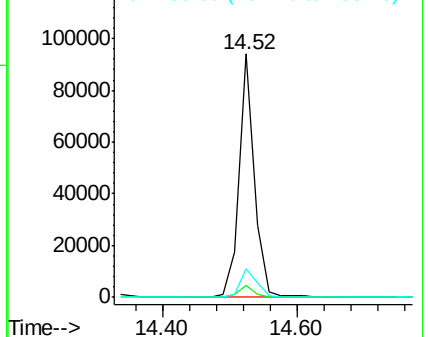
152 100

151 4.9 3.9 5.9

153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 3.38 ng

RT: 14.88 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

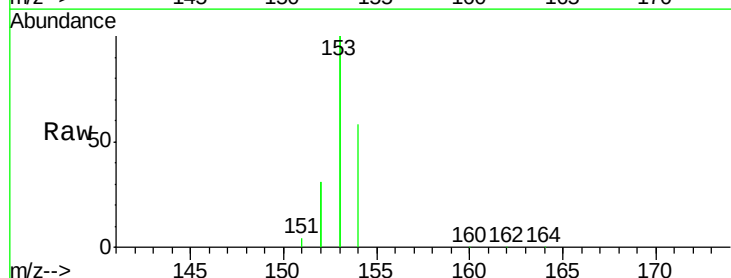
Tgt Ion:154 Resp: 21761

Ion Ratio Lower Upper

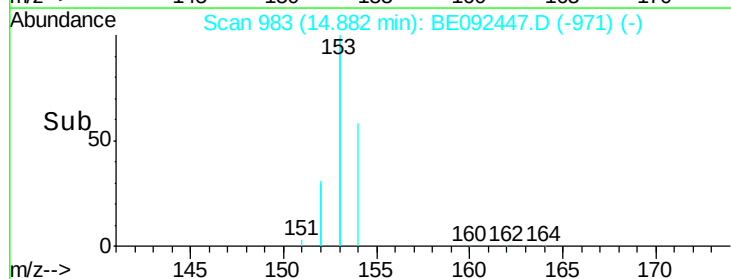
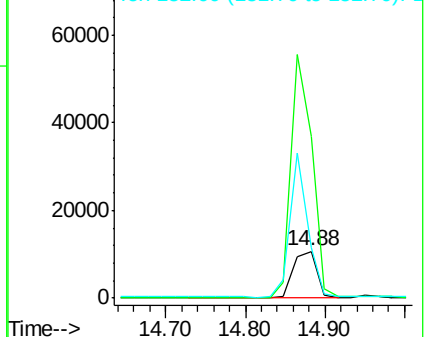
154 100

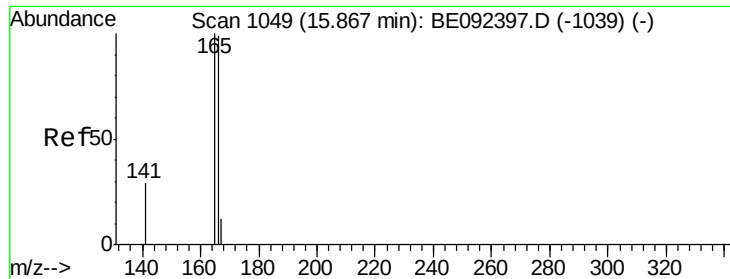
153 460.8 350.8 526.2

152 231.5 171.1 256.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

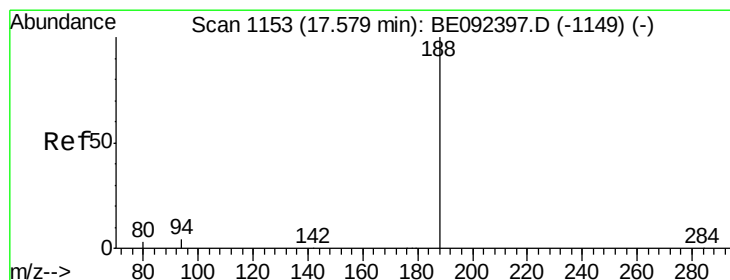
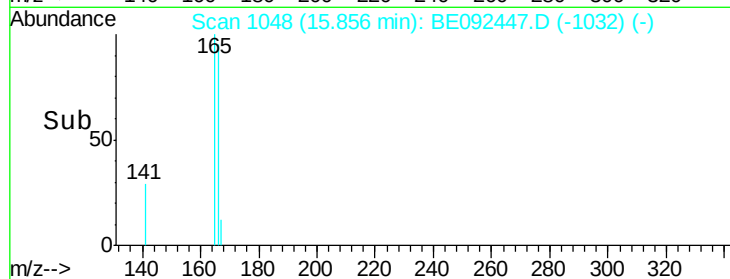
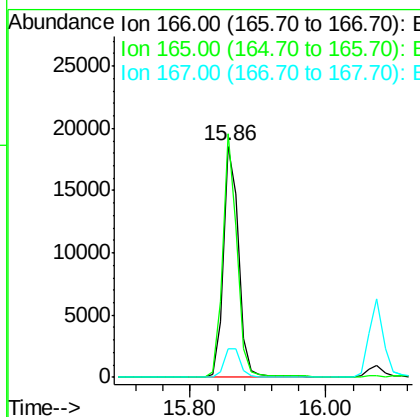
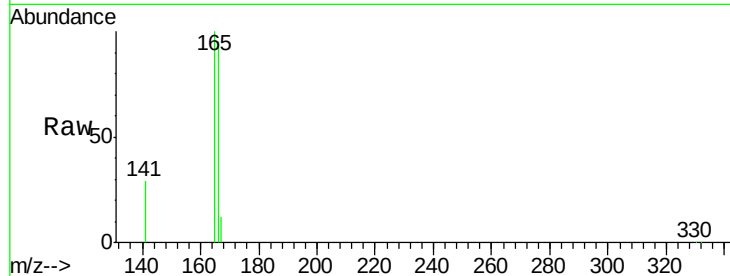




#17
Fluorene
Concen: 3.57 ng
RT: 15.86 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

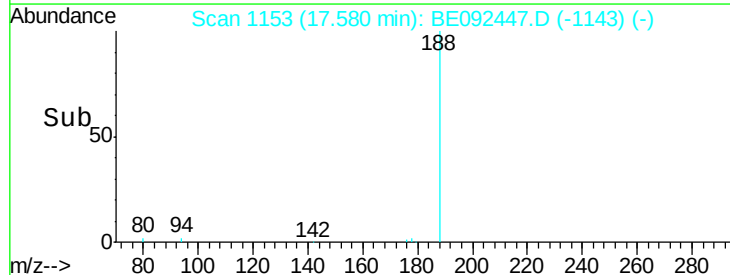
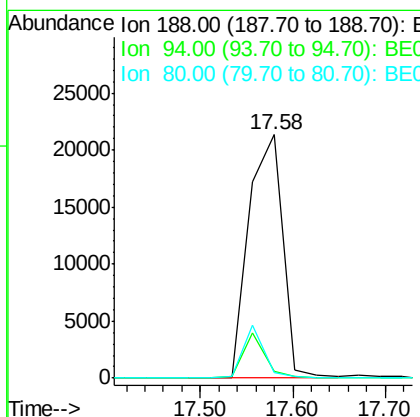
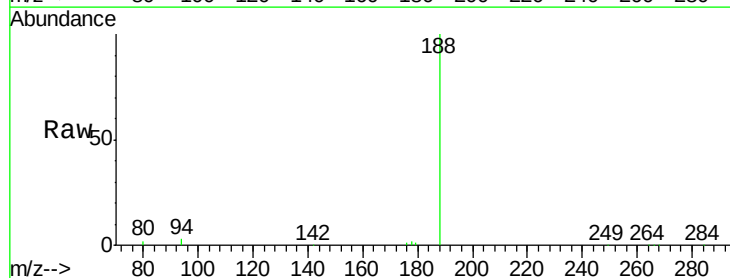
Instrument :
BNA_E
ClientSampleId :
PB93840BSD

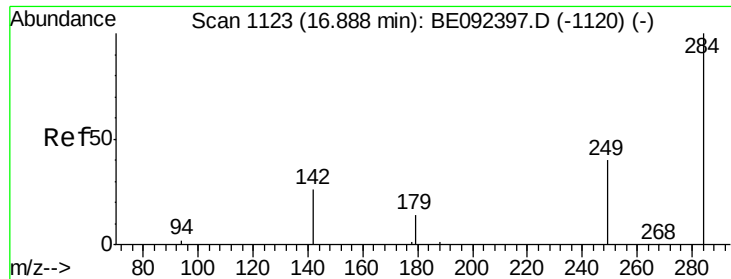
Tot Ion:166 Resp: 29148
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.4
167 13.5 11.0 16.4



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

Tgt Ion:188 Resp: 54660
Ion Ratio Lower Upper
188 100
94 2.6 3.2 4.8#
80 2.1 2.6 3.8#

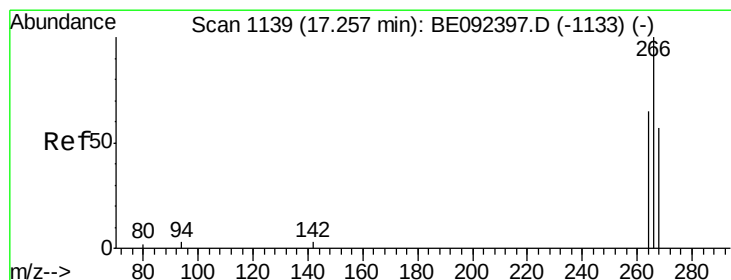
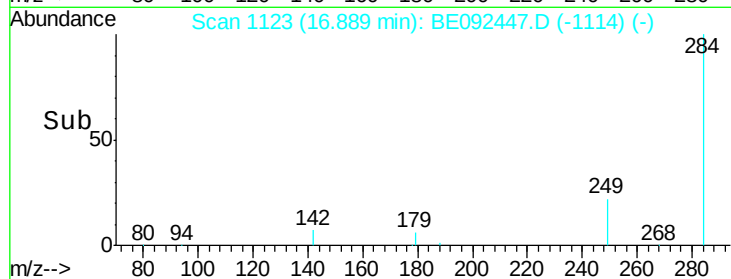
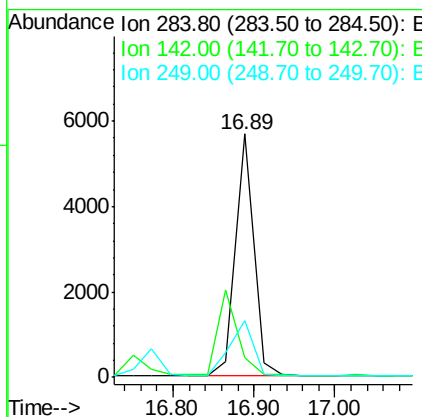
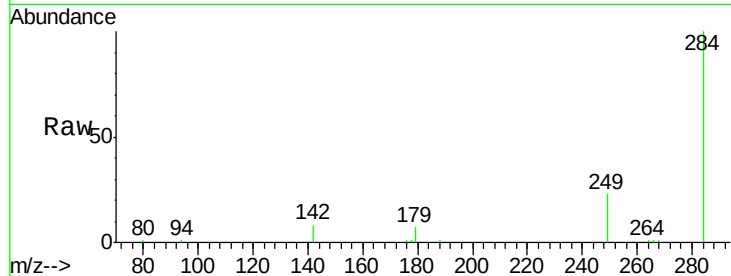




#19
Hexachlorobenzene
Concen: 3.73 ng
RT: 16.89 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

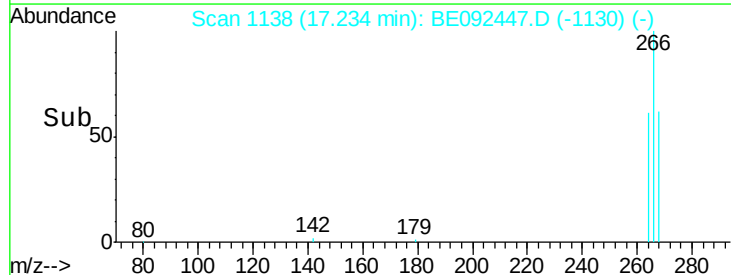
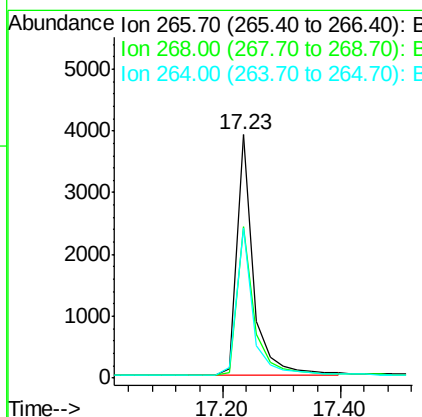
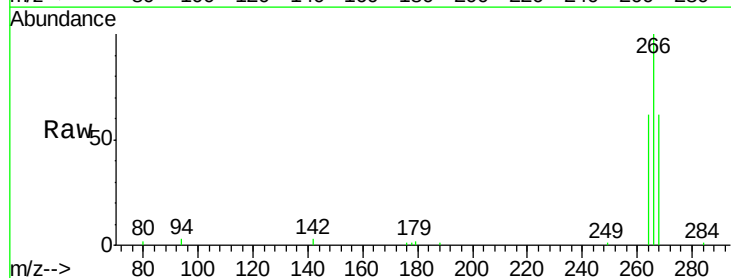
Instrument :
BNA_E
ClientSampleId :
PB93840BSD

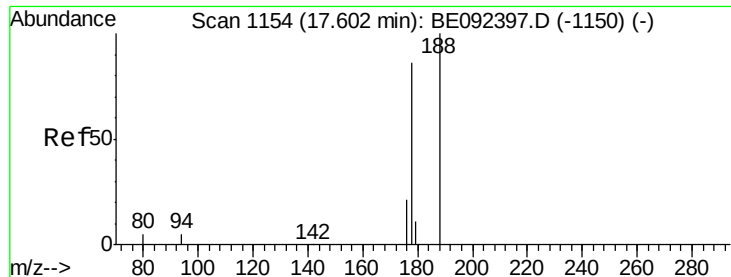
Tot Ion:284 Resp: 8737
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.0 27.9 41.9



#20
Pentachlorophenol
Concen: 9.02 ng
RT: 17.23 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

Tgt Ion:266 Resp: 7736
Ion Ratio Lower Upper
266 100
268 62.4 62.5 93.7#
264 61.8 57.2 85.8





#21

Phenanthrene

Concen: 4.17 ng

RT: 17.60 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

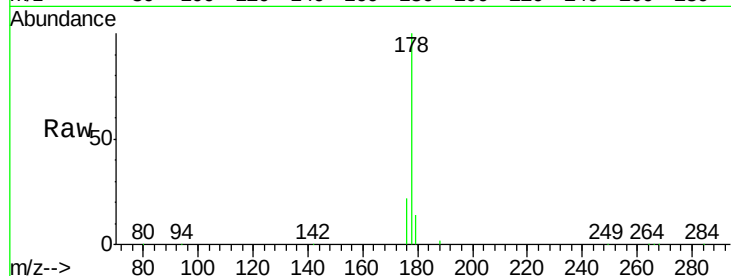
Tot Ion:178 Resp: 52397

Ion Ratio Lower Upper

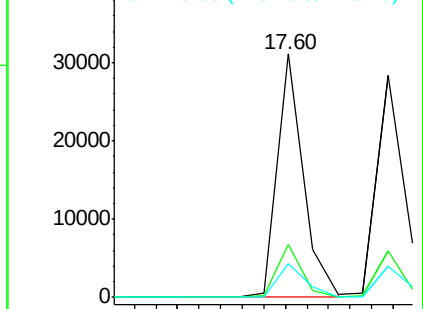
178 100

176 20.3 15.8 23.8

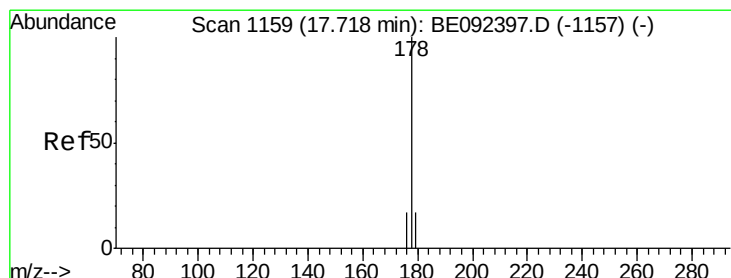
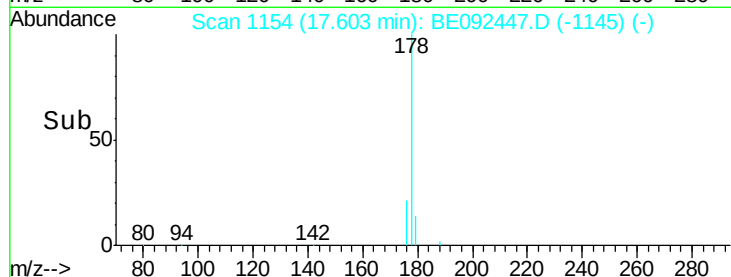
179 15.2 16.0 24.0#



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



Time-->



#22

Anthracene

Concen: 4.19 ng

RT: 17.69 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

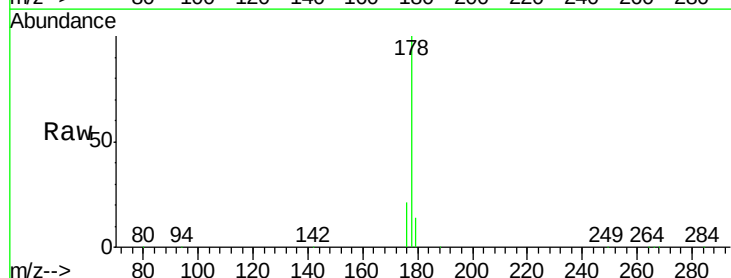
Tgt Ion:178 Resp: 50595

Ion Ratio Lower Upper

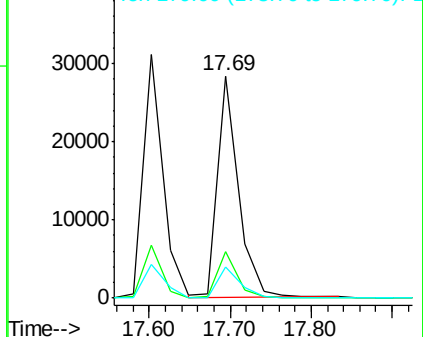
178 100

176 19.5 15.0 22.4

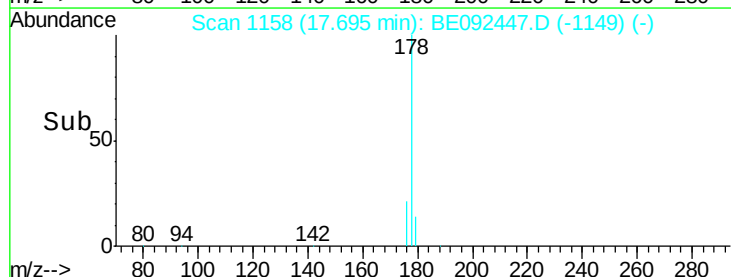
179 14.8 12.2 18.2

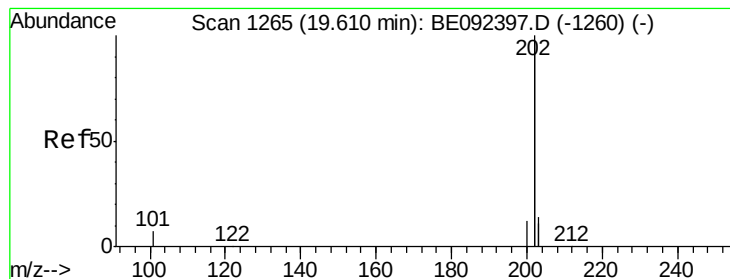


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#23

Fluoranthene

Concen: 4.08 ng

RT: 19.61 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

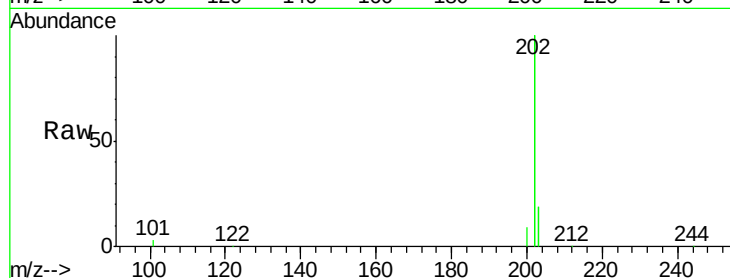
Tot Ion:202 Resp: 243422

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

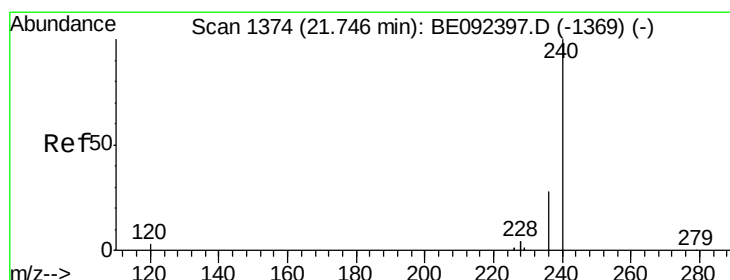
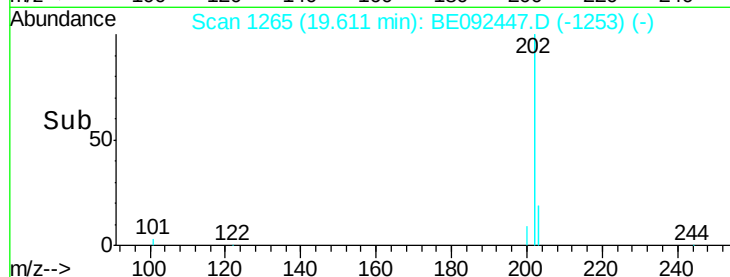
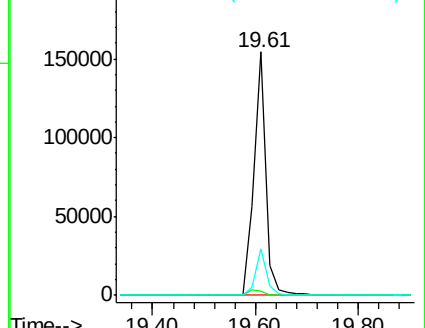
203 17.4 13.7 20.5



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: 21.75 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

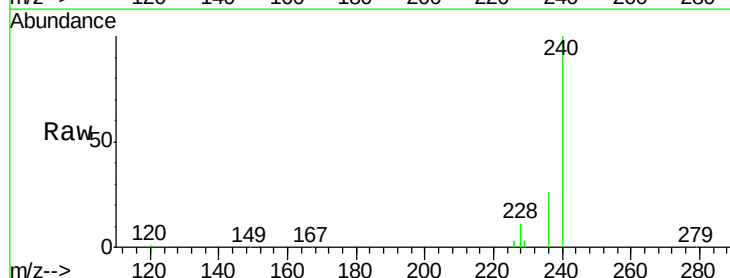
Tgt Ion:240 Resp: 90128

Ion Ratio Lower Upper

240 100

120 1.3 2.6 4.0#

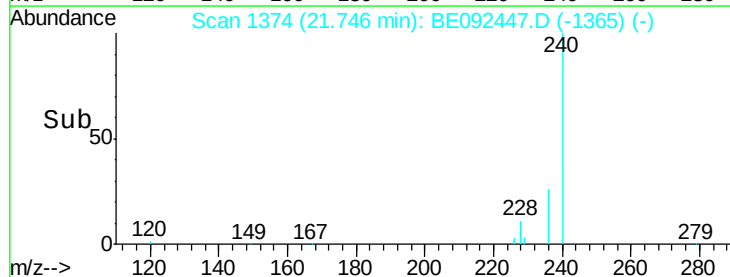
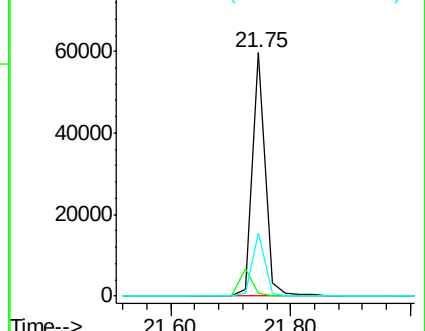
236 25.8 24.6 37.0

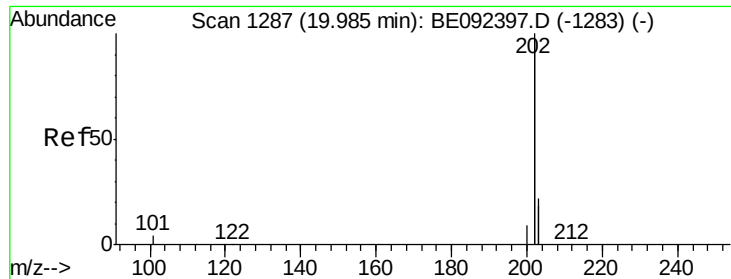


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 3.32 ng

RT: 19.97 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

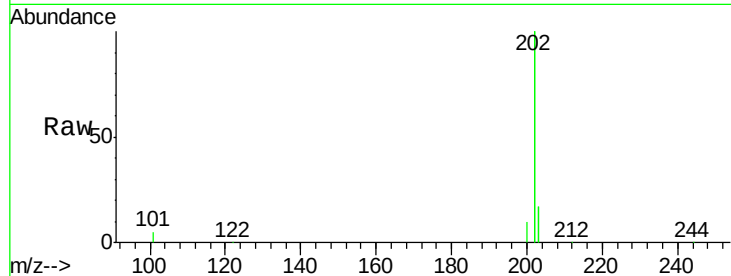
Tot Ion:202 Resp: 259685

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

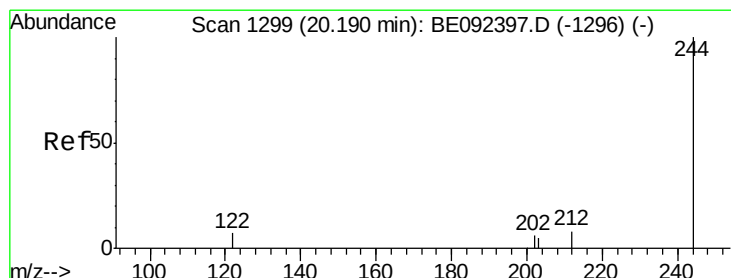
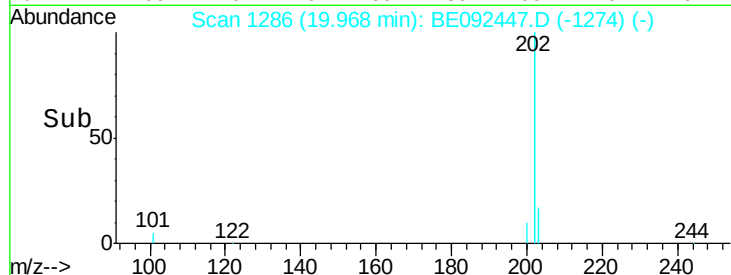
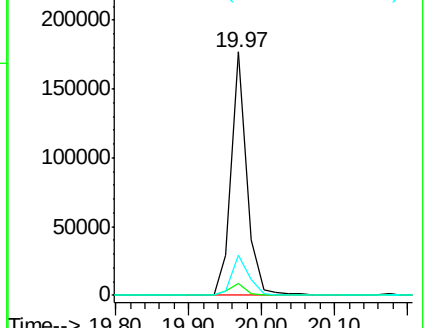
203 17.9 13.9 20.9



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: 3.49 ng

RT: 20.17 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

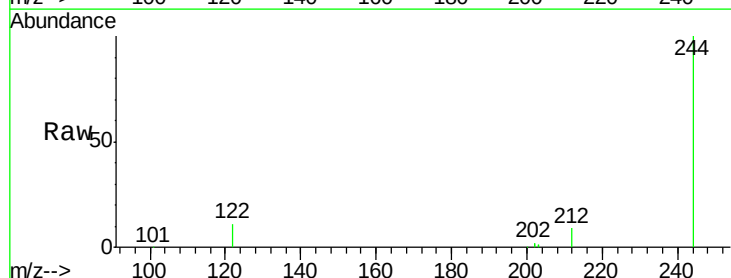
Tgt Ion:244 Resp: 39019

Ion Ratio Lower Upper

244 100

212 9.5 6.7 10.1

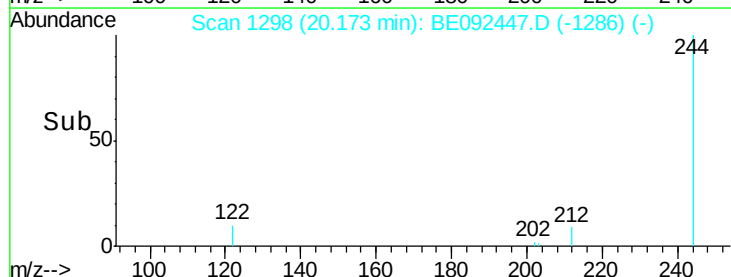
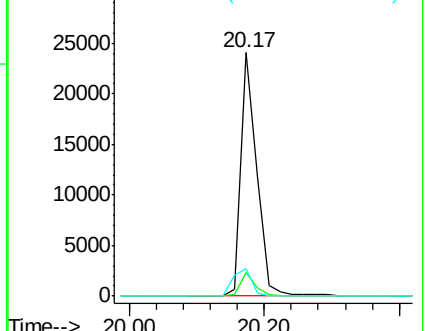
122 11.0 3.6 5.4#

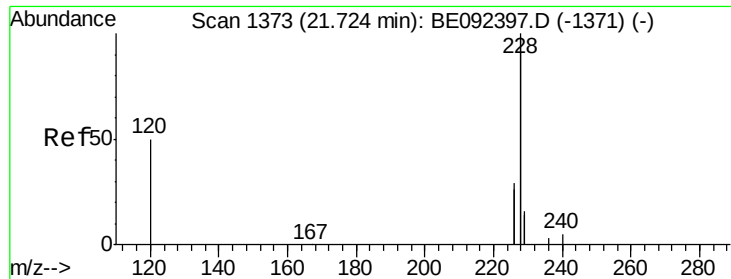


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

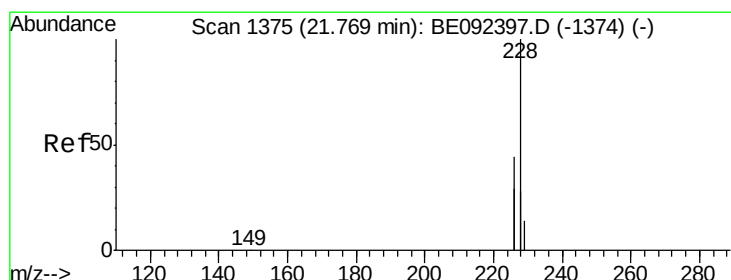
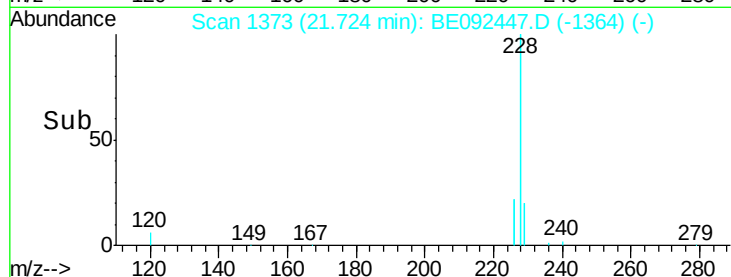
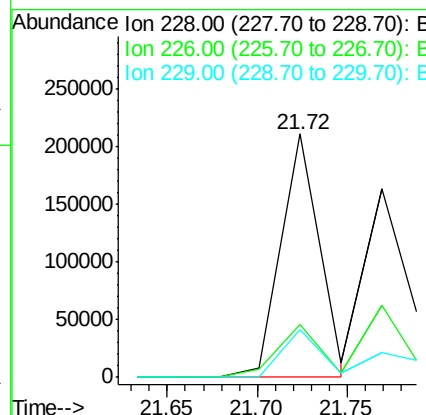
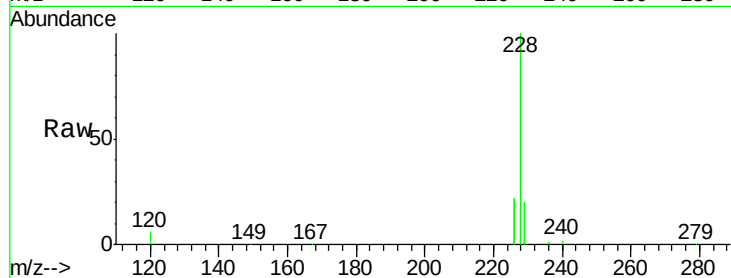




#27
Benzo(a)anthracene
Concen: 3.60 ng m
RT: 21.72 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

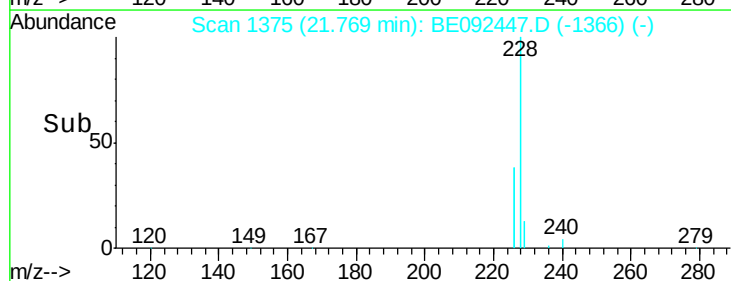
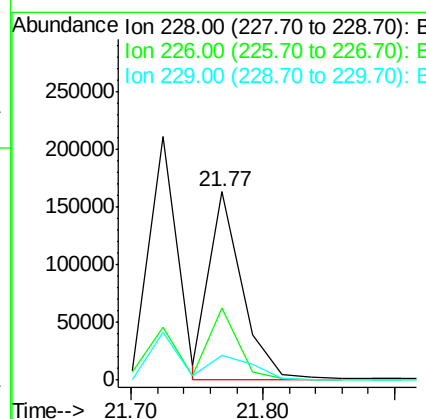
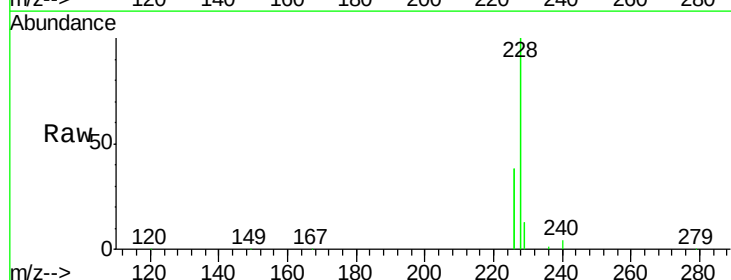
Instrument :
BNA_E
ClientSampleId :
PB93840BSD

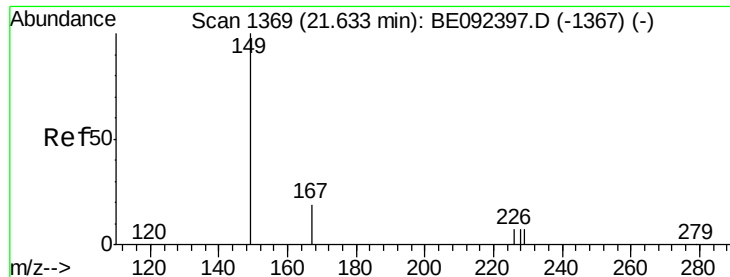
Tot Ion:228 Resp: 315990
Ion Ratio Lower Upper
228 100
226 21.9 23.6 35.4#
229 19.8 13.3 19.9



#28
Chrysene
Concen: 3.58 ng m
RT: 21.77 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

Tgt Ion:228 Resp: 287994
Ion Ratio Lower Upper
228 100
226 38.1 36.3 54.5
229 13.3 10.6 16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 3.39 ng

RT: 21.63 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

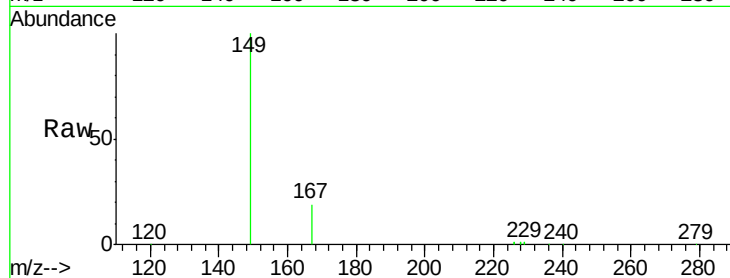
Tot Ion:149 Resp: 25627

Ion Ratio Lower Upper

149 100

167 23.4 16.0 24.0

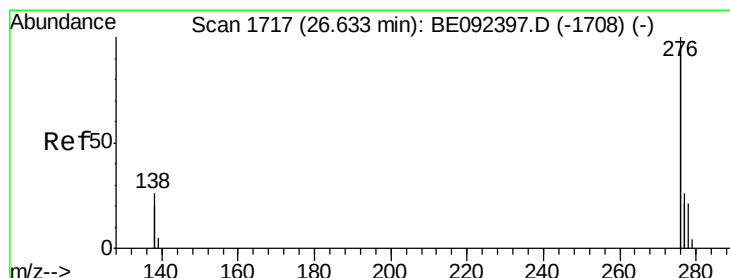
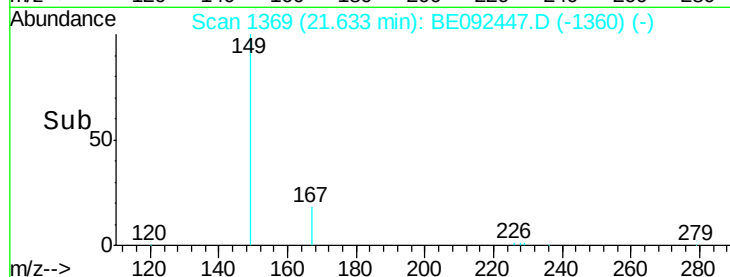
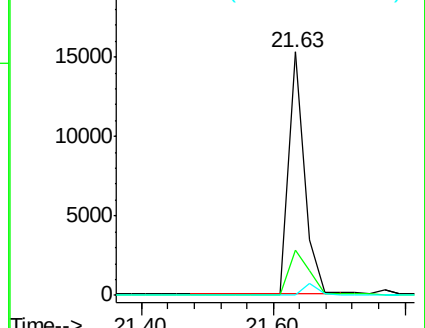
279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 3.65 ng

RT: 26.60 min Scan# 1715

Delta R.T. 0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

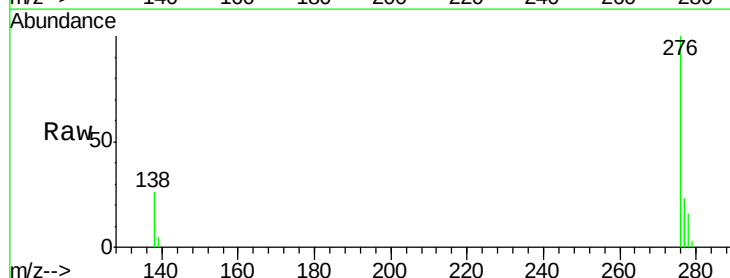
Tgt Ion:276 Resp: 311837

Ion Ratio Lower Upper

276 100

138 27.3 20.3 30.5

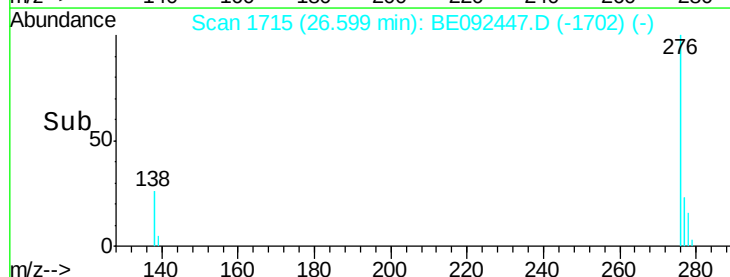
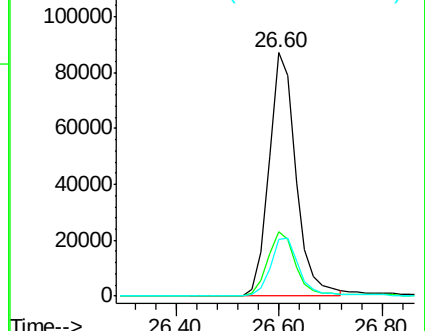
277 24.7 19.7 29.5

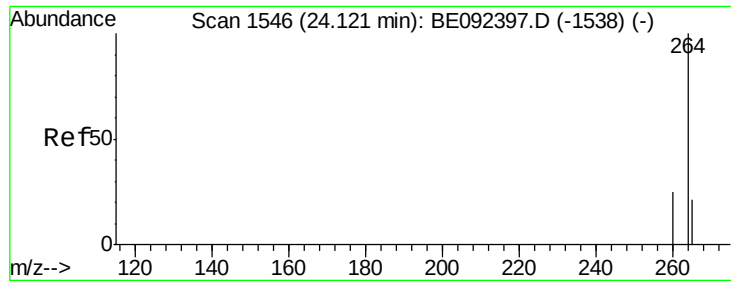


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

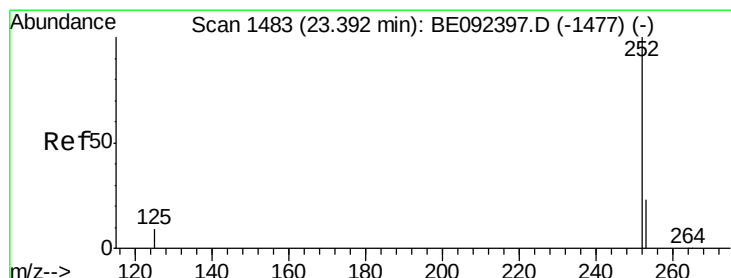
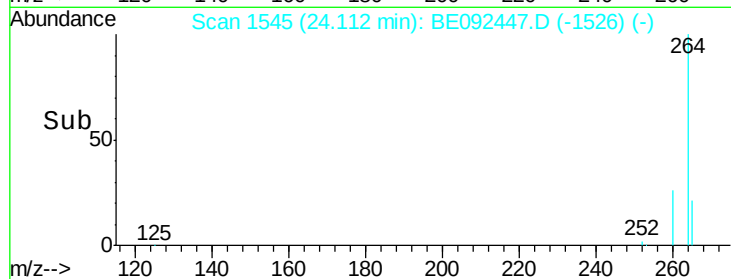
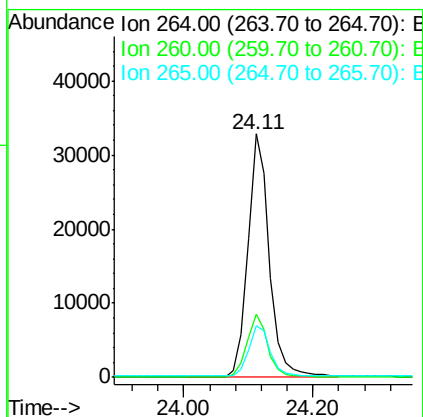
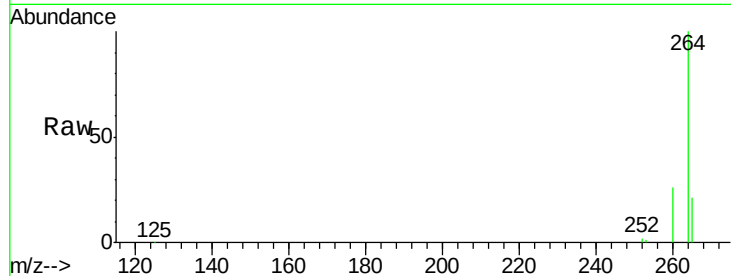




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1545
Delta R.T. 0.02 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

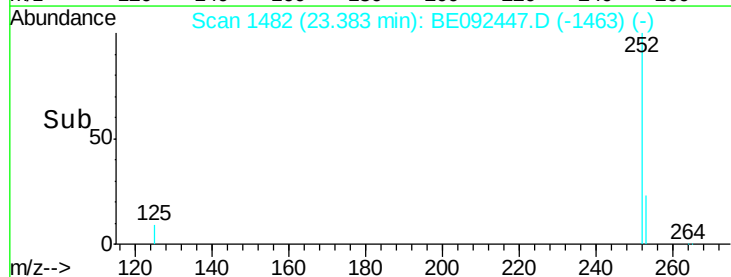
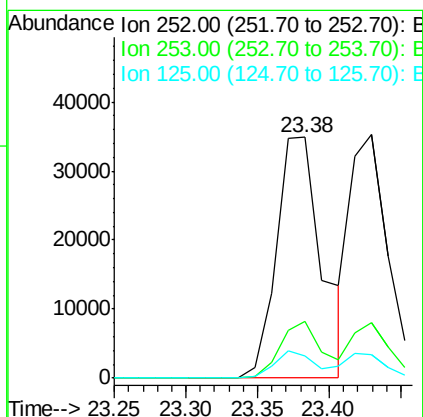
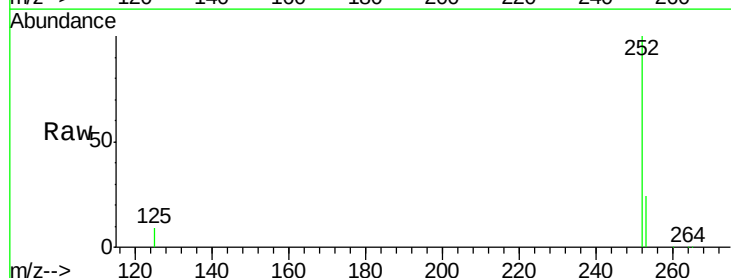
Instrument :
BNA_E
ClientSampleId :
PB93840BSD

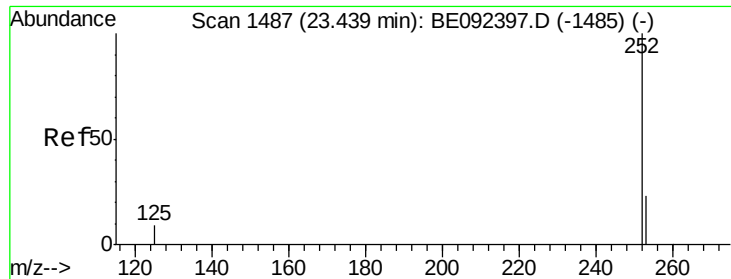
Tot Ion:264 Resp: 75479
Ion Ratio Lower Upper
264 100
260 25.7 20.1 30.1
265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 4.20 ng
RT: 23.38 min Scan# 1482
Delta R.T. 0.02 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

Tgt Ion:252 Resp: 76739
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 9.4 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 3.45 ng

RT: 23.43 min Scan# 1486

Delta R.T. 0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

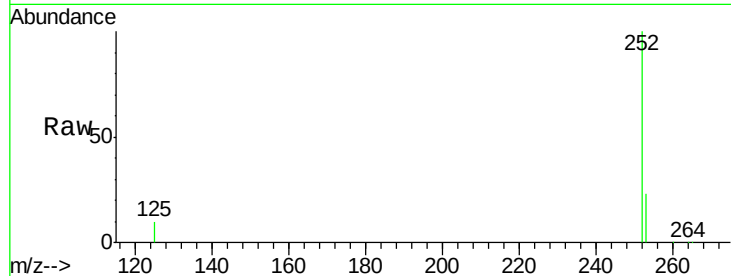
Tot Ion:252 Resp: 66051

Ion Ratio Lower Upper

252 100

253 22.6 20.3 30.5

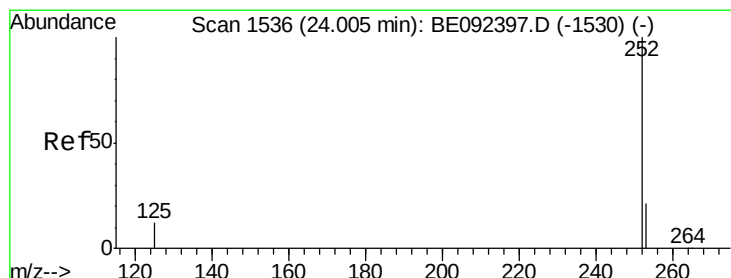
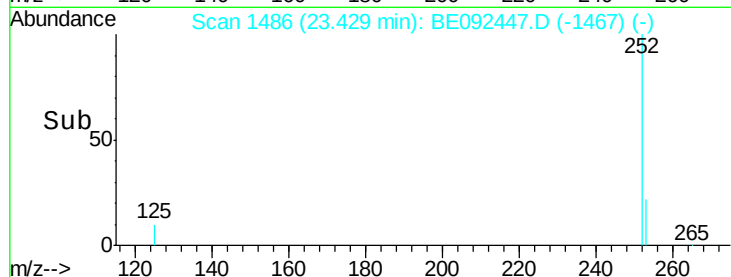
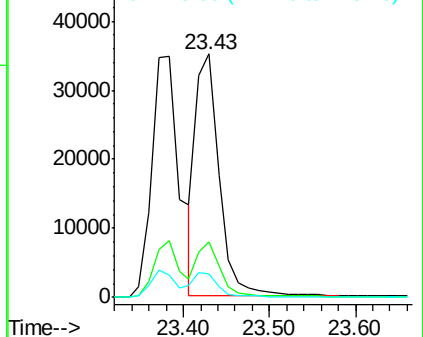
125 9.8 9.6 14.4



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: 3.82 ng

RT: 24.00 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

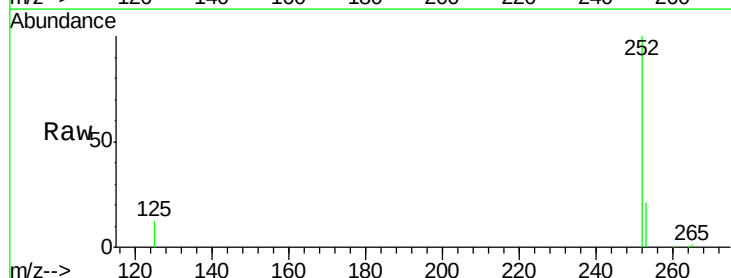
Tgt Ion:252 Resp: 68393

Ion Ratio Lower Upper

252 100

253 21.3 19.0 28.6

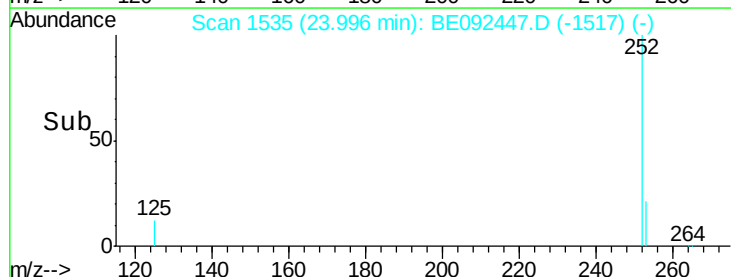
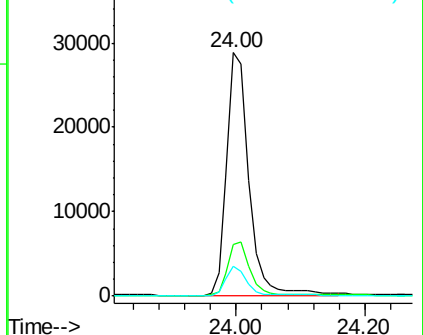
125 12.0 11.8 17.8

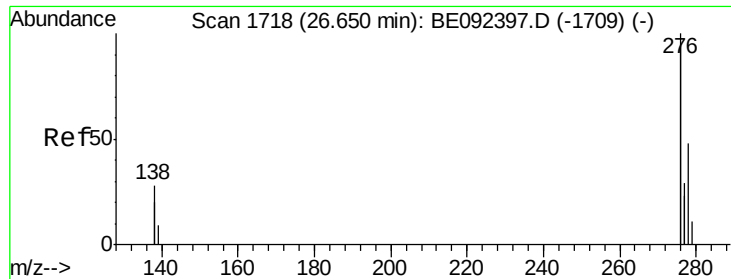


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 3.94 ng

RT: 26.63 min Scan# 1717

Delta R.T. 0.03 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

Instrument :

BNA_E

ClientSampleId :

PB93840BSD

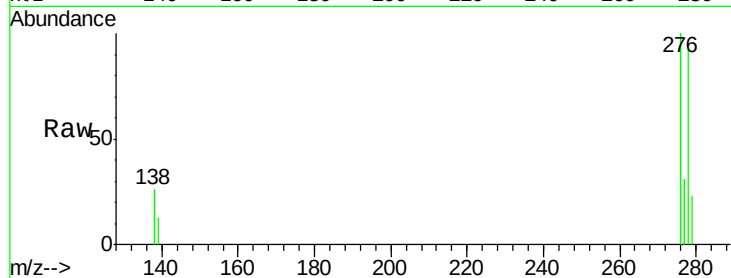
Tot Ion:278 Resp: 64702

Ion Ratio Lower Upper

278 100

139 13.8 13.8 20.8#

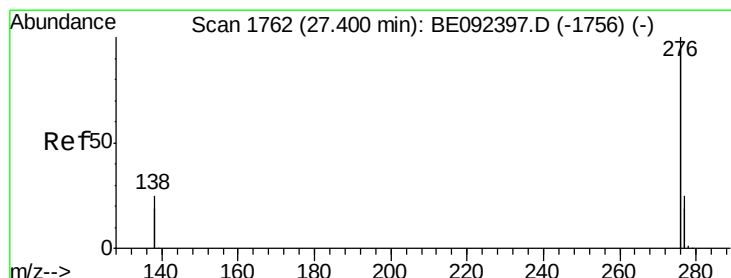
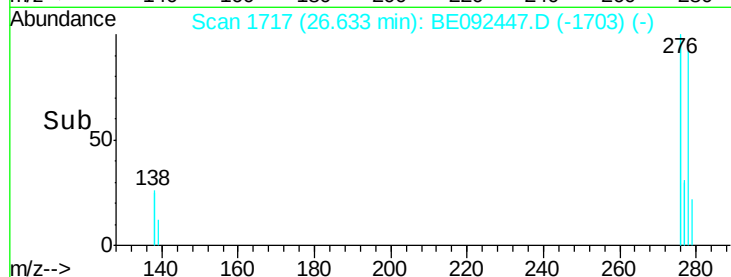
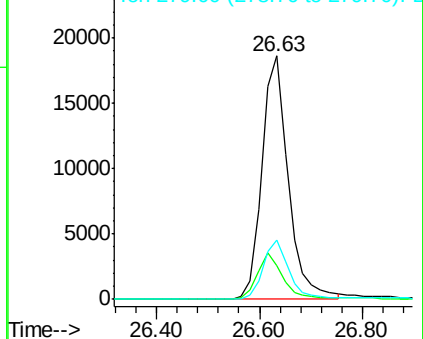
279 24.5 21.4 32.2



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: 3.81 ng

RT: 27.38 min Scan# 1761

Delta R.T. 0.03 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

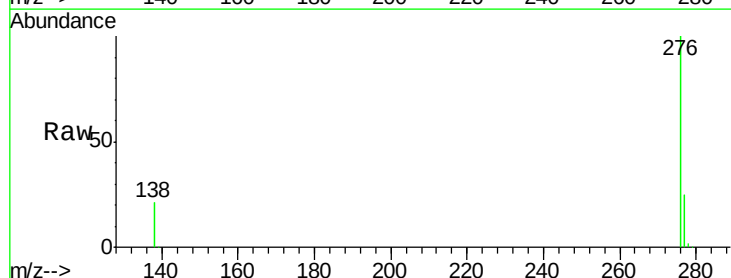
Tgt Ion:276 Resp: 268710

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 21.3 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

