

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 22:57:09 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

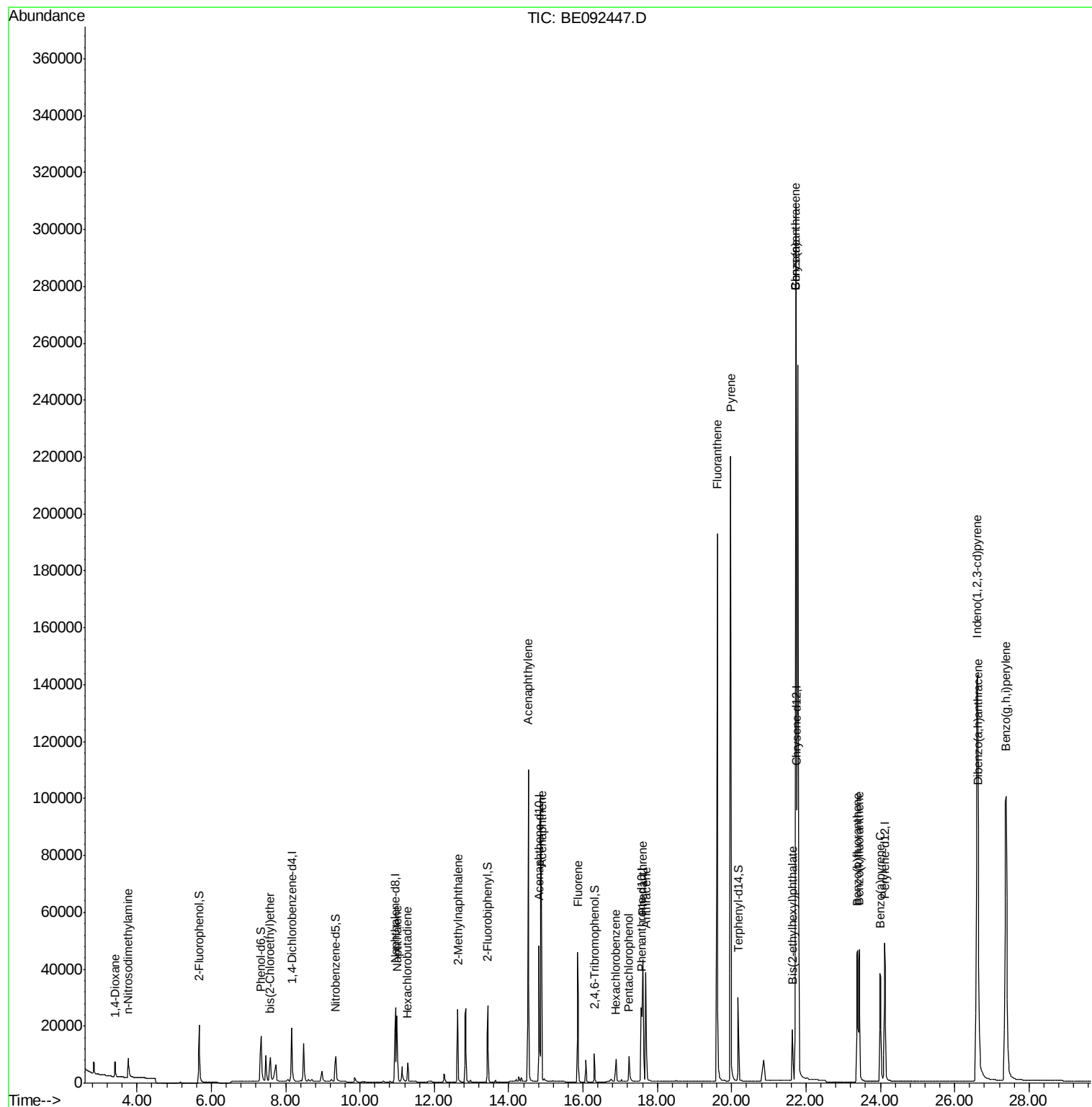
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	3645	3.39	ng	# 83
3) n-Nitrosodimethylamine	3.76	42	5849	3.76	ng	# 96
6) bis(2-Chloroethyl)ether	7.59	93	9197	3.52	ng	# 26
9) Naphthalene	10.99	128	33044	3.50	ng	# 95
10) Hexachlorobutadiene	11.28	225	5007	3.37	ng	99
11) 2-Methylnaphthalene	12.62	142	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	599924	6.83	ng	# 88
28) Chrysene	21.72	228	603364	7.50	ng	# 69
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

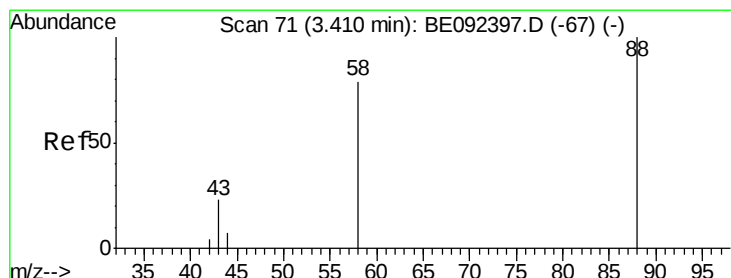
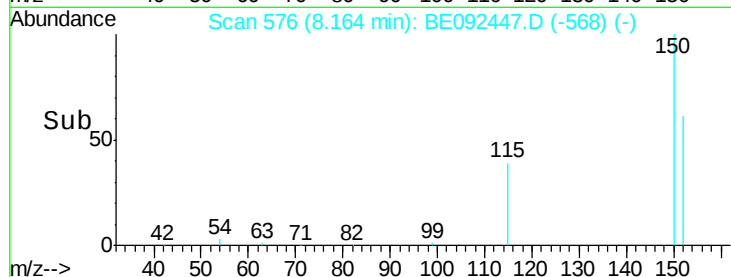
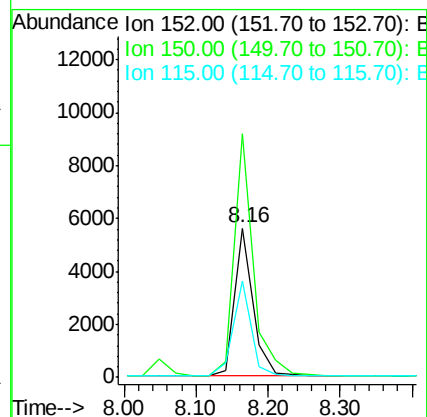
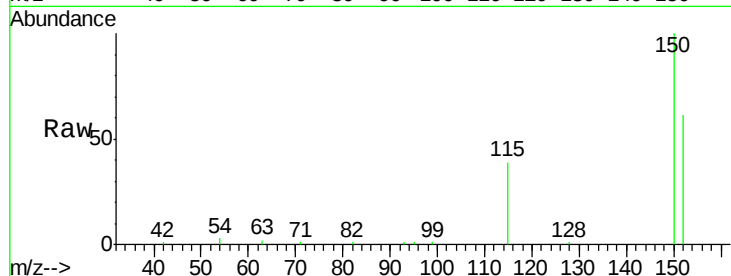
Tgt Ion:152 Resp: 9939

Ion Ratio Lower Upper

152 100

150 163.2 106.0 159.0#

115 64.2 31.2 46.8#



#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

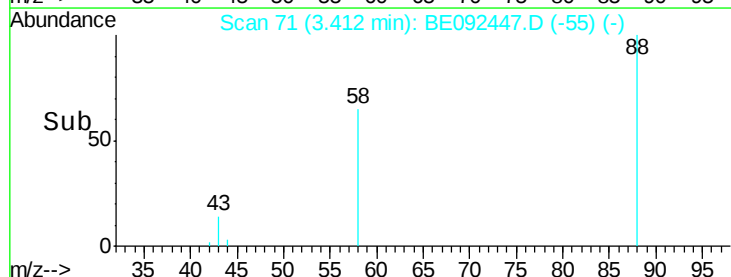
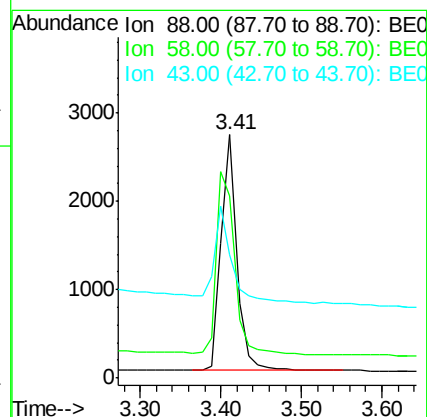
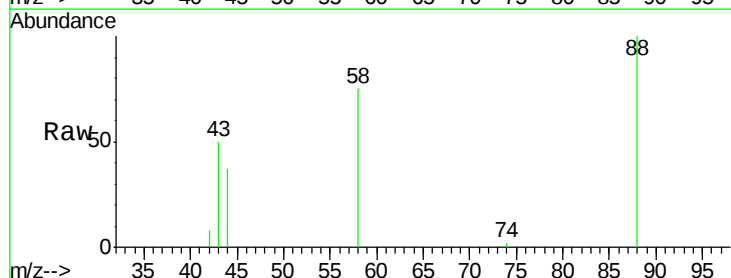
Tgt Ion: 88 Resp: 3645

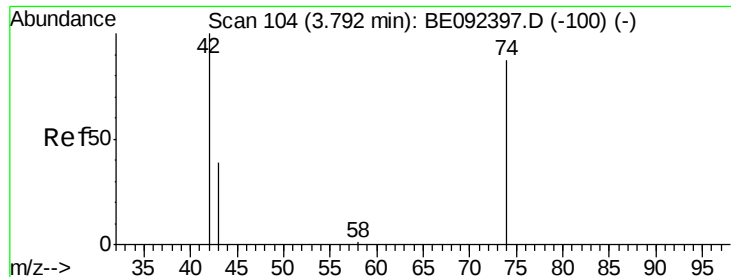
Ion Ratio Lower Upper

88 100

58 91.1 63.6 95.4

43 49.1 28.0 42.0#



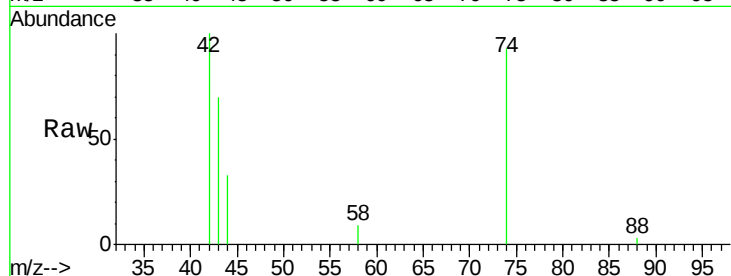


#3

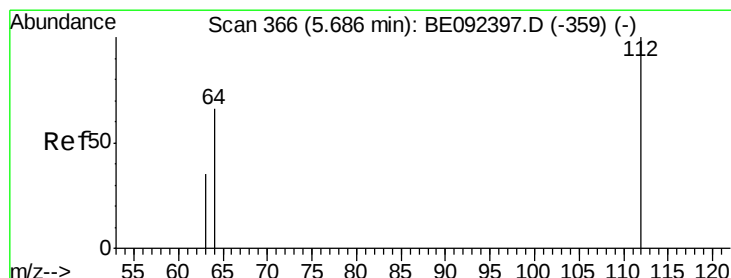
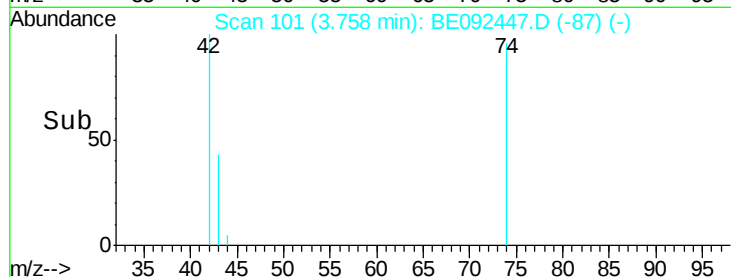
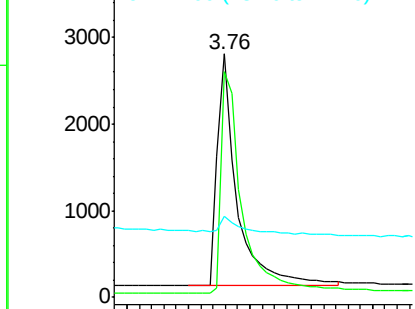
n-Nitrosodimethylamine
 Concen: 3.76 ng
 RT: 3.76 min Scan# 101
 Delta R.T. -0.04 min
 Lab File: BE092447.D
 Acq: 7 Oct 2016 14:38

Instrument :
 BNA_E
 ClientSampleId :
 PB93840BSD

Tgt Ion: 42 Resp: 5849
 Ion Ratio Lower Upper
 42 100
 74 104.2 86.0 129.0
 44 10.5 5.1 7.7#



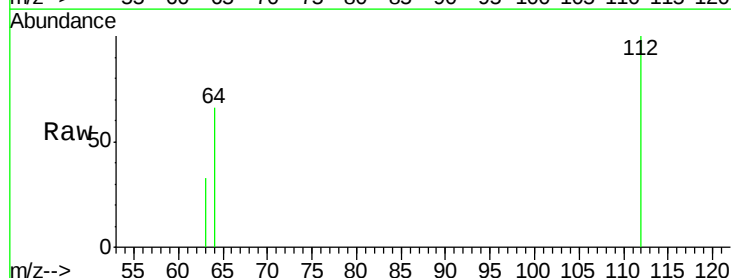
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



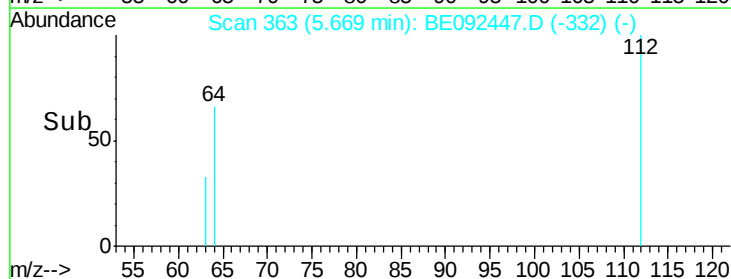
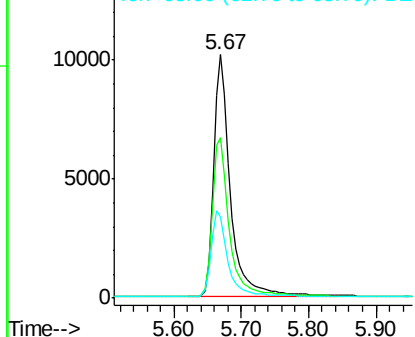
#4

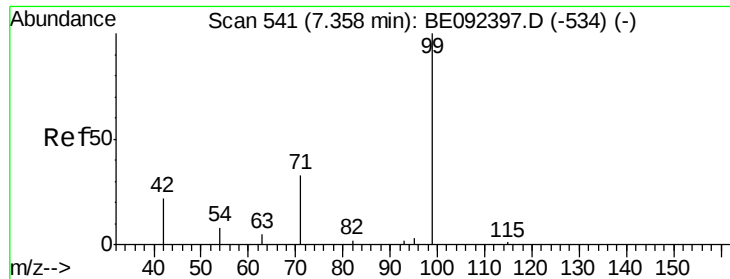
2-Fluorophenol
 Concen: 7.71 ng
 RT: 5.67 min Scan# 363
 Delta R.T. -0.02 min
 Lab File: BE092447.D
 Acq: 7 Oct 2016 14:38

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



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: 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

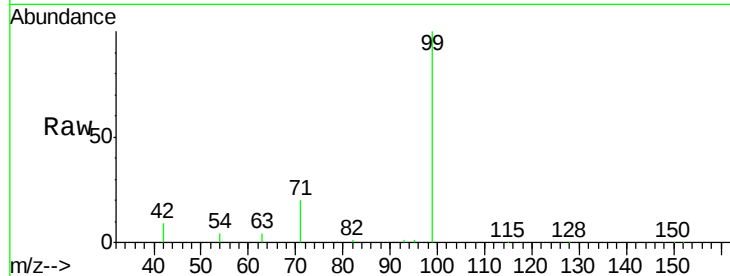
Tgt Ion: 99 Resp: 23360

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

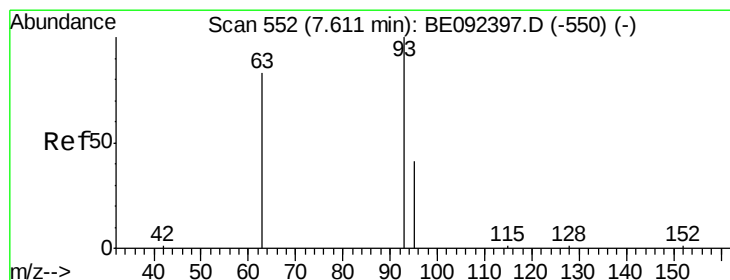
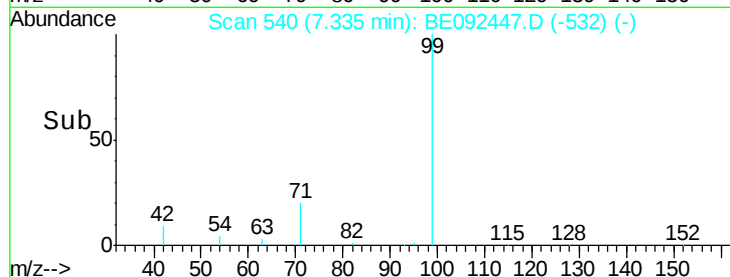
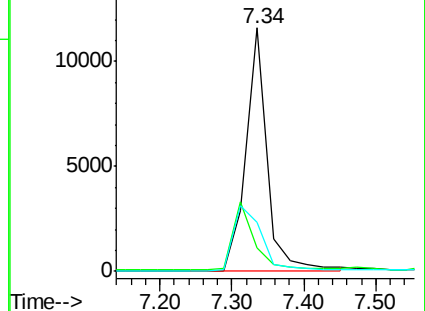
71 0.0 30.6 45.8#



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

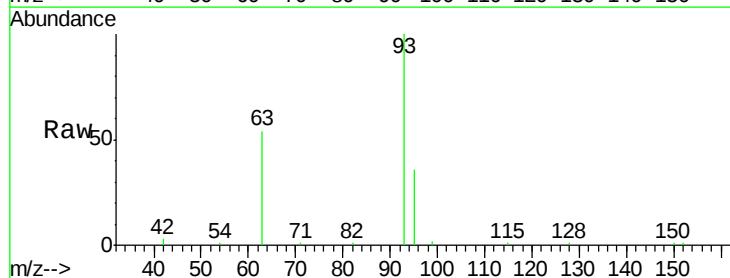
Tgt Ion: 93 Resp: 9197

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

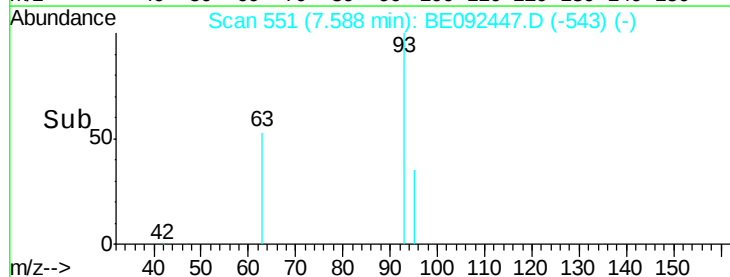
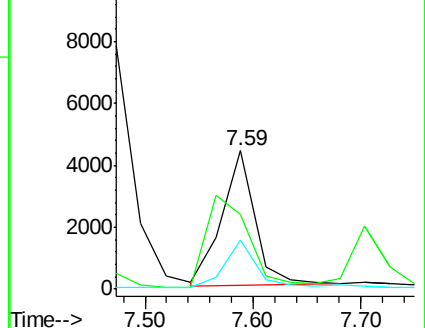
95 34.8 24.0 36.0

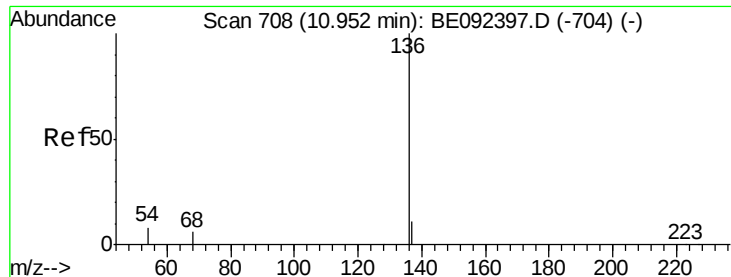


Abundance Ion 93.00 (92.70 to 93.70): BE0

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

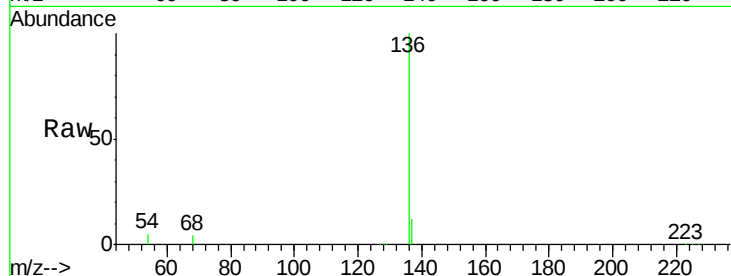
Instrument :

BNA_E

ClientSampleId :

PB93840BSD

Tgt 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#

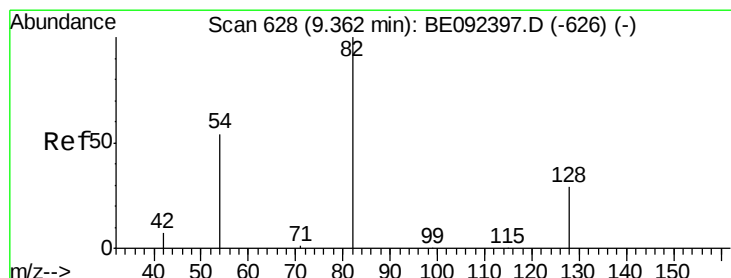
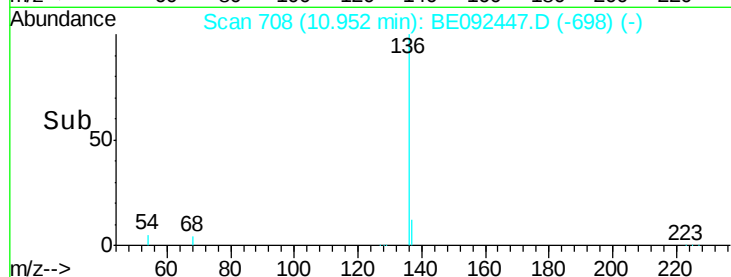
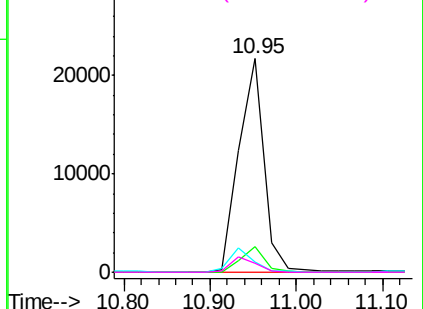


Abundance Ion 136.00 (135.70 to 136.70): E

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

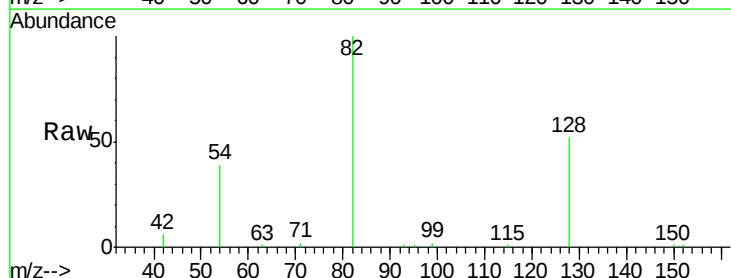
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

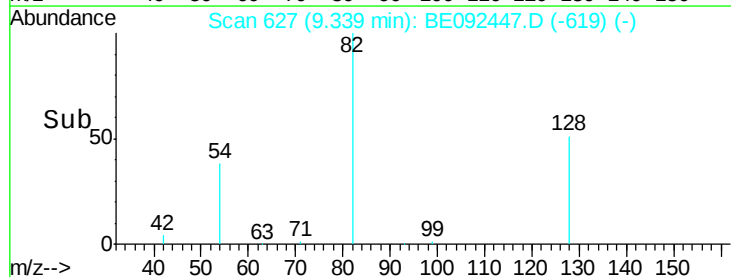
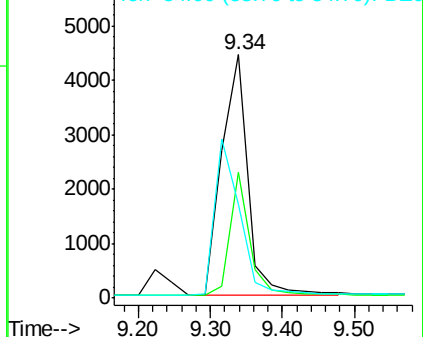
Tgt Ion:	82	Resp:	11161
Ion	Ratio	Lower	Upper
82	100		
128	51.7	39.0	58.4
54	38.8	44.8	67.2#



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 :

BNA_E

ClientSampleId :

PB93840BSD

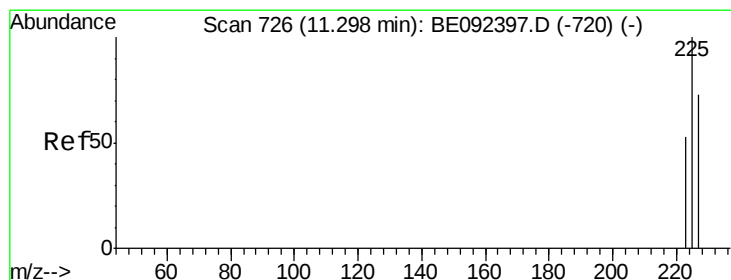
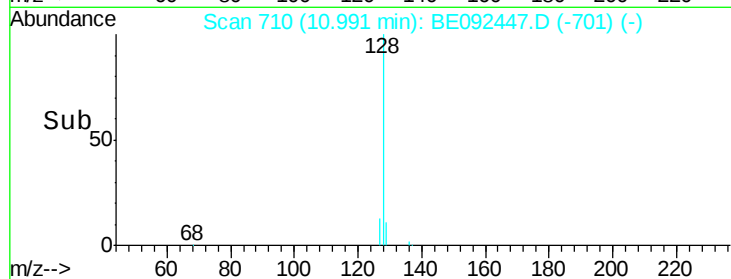
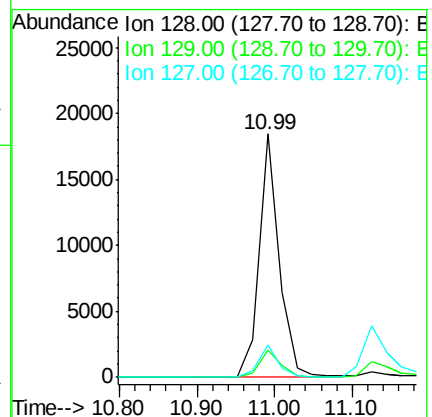
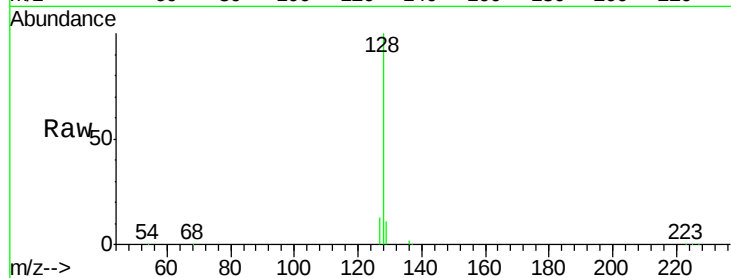
Tgt Ion:128 Resp: 33044

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

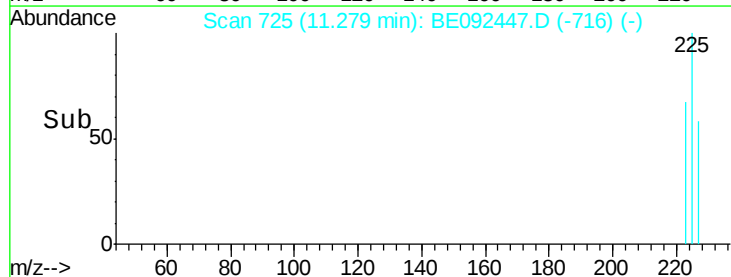
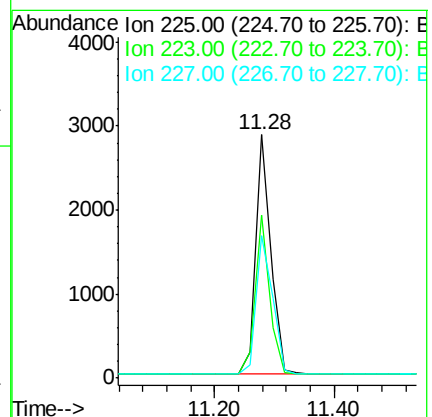
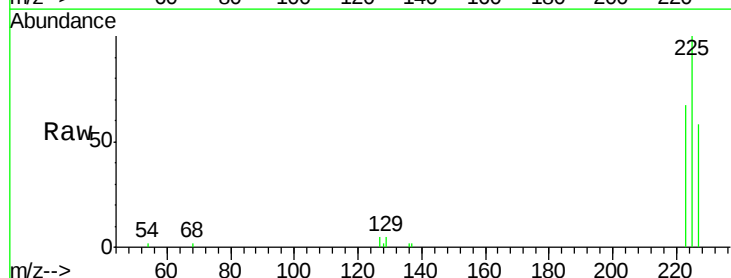
Tgt Ion:225 Resp: 5007

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 :

BNA_E

ClientSampleId :

PB93840BSD

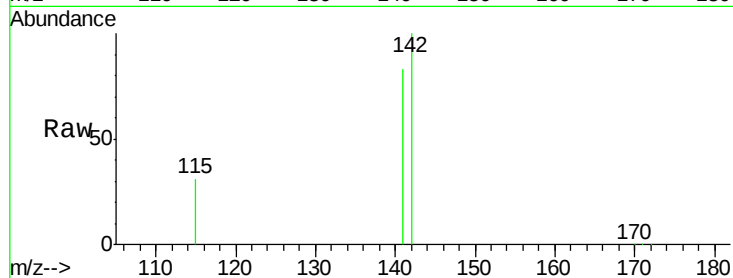
Tgt Ion:142 Resp: 22083

Ion Ratio Lower Upper

142 100

141 82.5 73.7 110.5

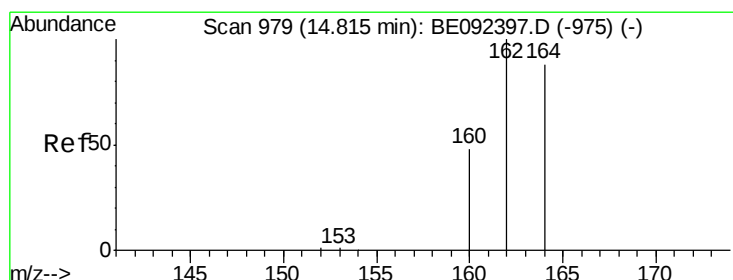
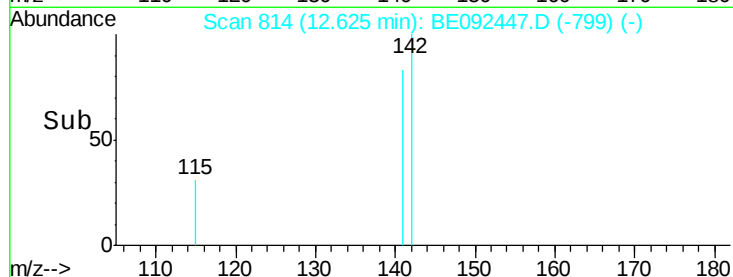
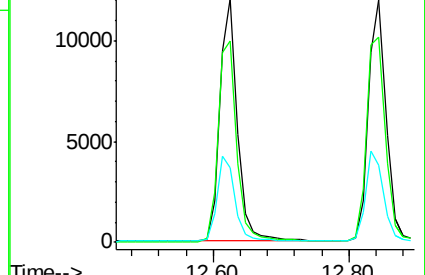
115 30.9 34.0 51.0#



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: 14.81 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092447.D

Acq: 7 Oct 2016 14:38

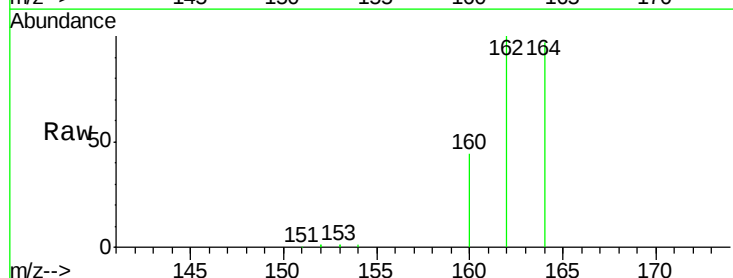
Tgt Ion:164 Resp: 28379

Ion Ratio Lower Upper

164 100

162 103.3 71.4 107.0

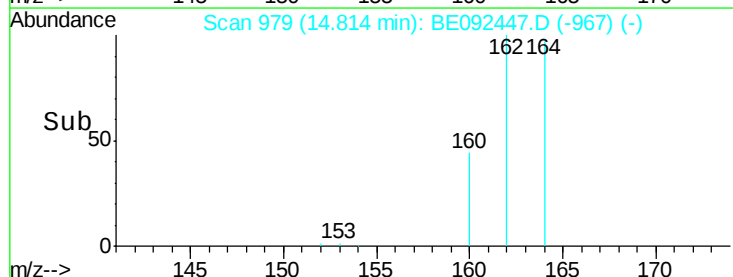
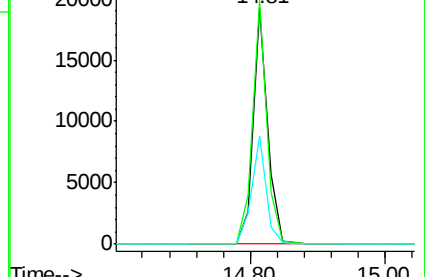
160 45.6 27.4 41.2#

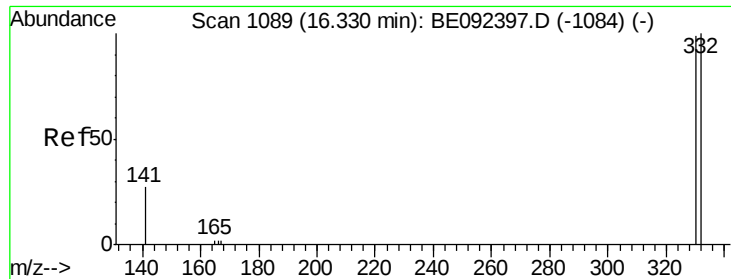


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

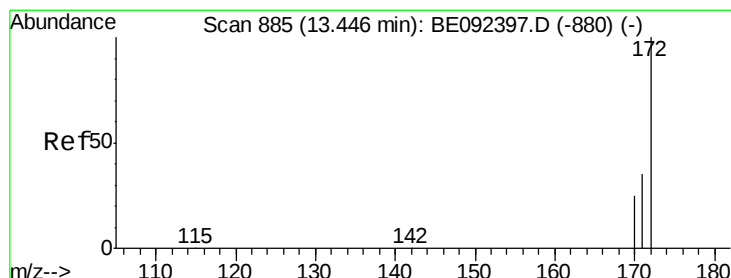
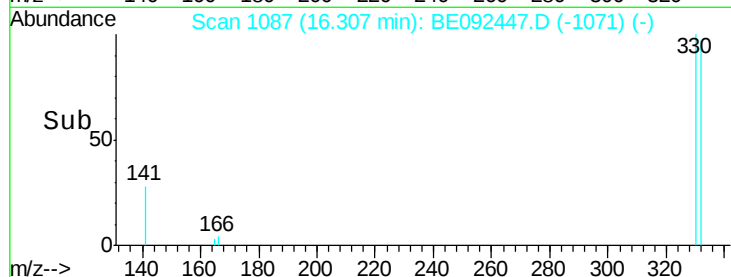
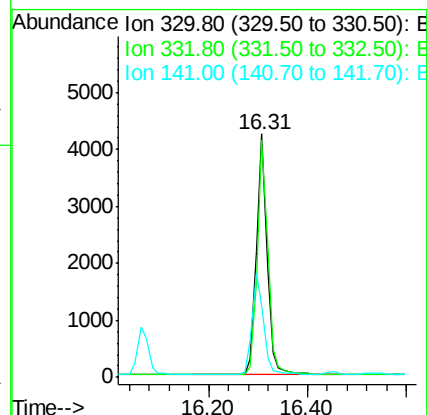
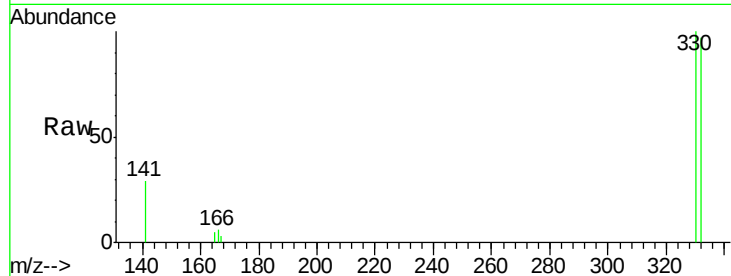




#13
 2,4,6-Tribromophenol
 Concen: 6.45 ng
 RT: 16.31 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092447.D
 Acq: 7 Oct 2016 14:38

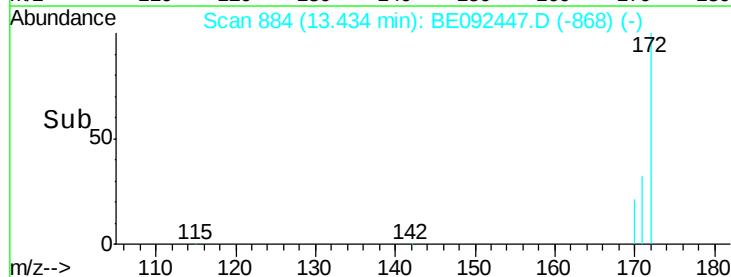
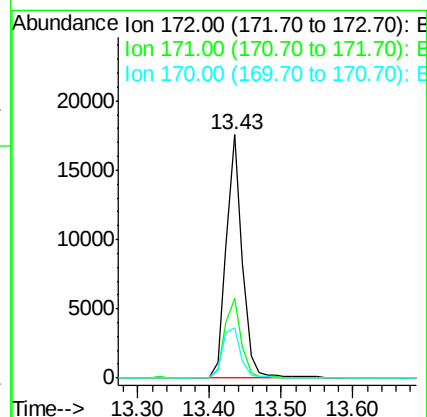
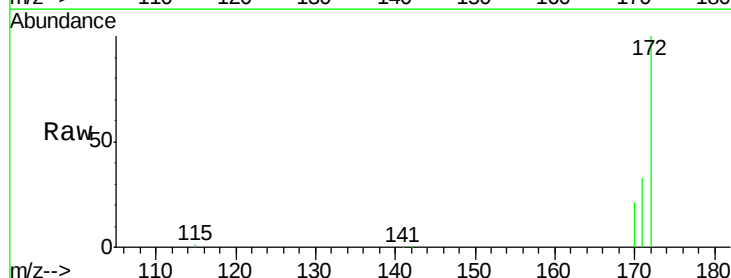
Instrument :
 BNA_E
 ClientSampleId :
 PB93840BSD

Tgt 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#

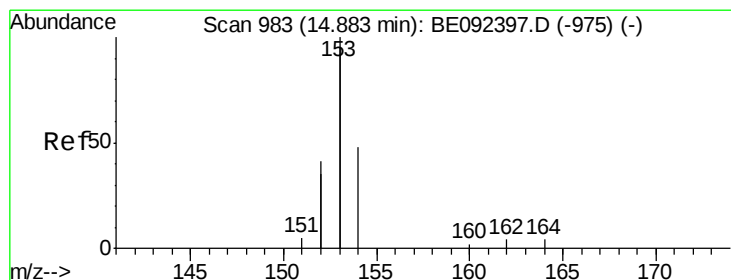
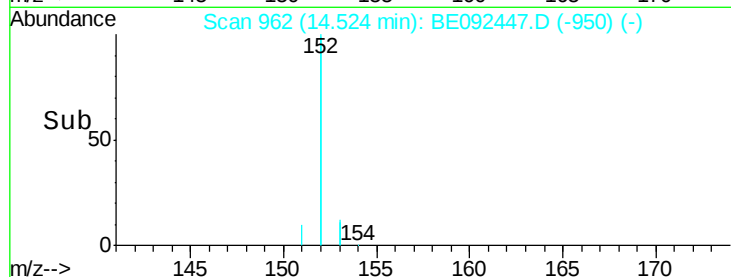
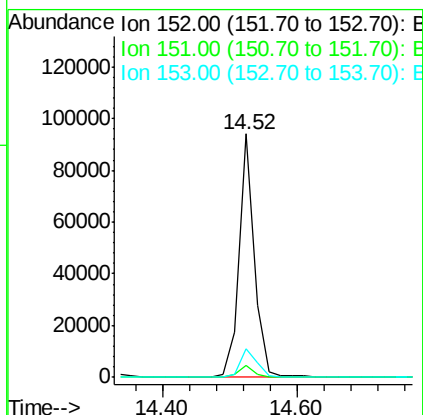
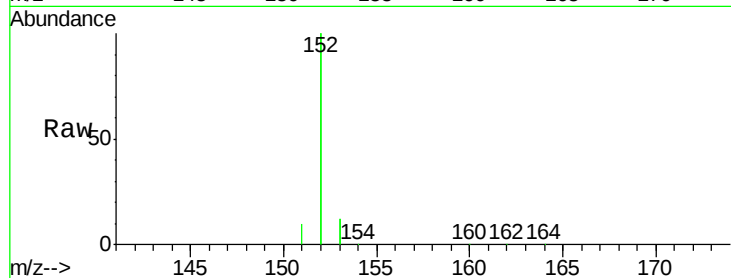




#15
Acenaphthylene
Concen: 3.55 ng
RT: 14.52 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

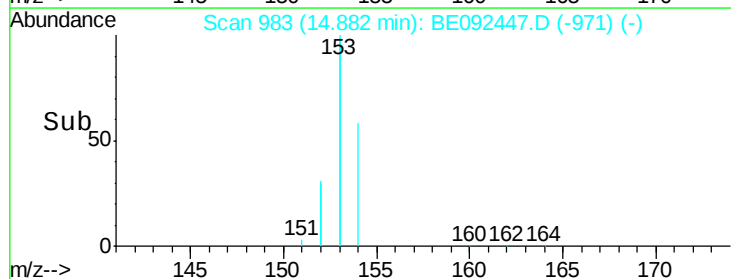
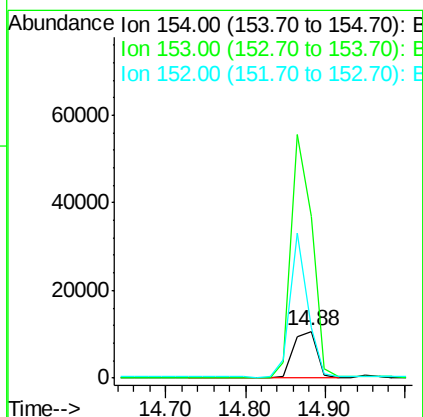
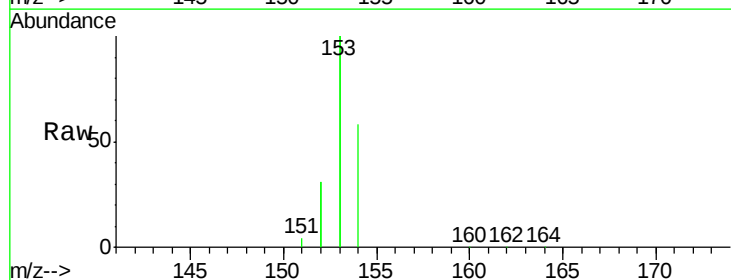
Instrument :
BNA_E
ClientSampleId :
PB93840BSD

Tgt Ion:152 Resp: 146077
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 12.8 10.4 15.6



#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

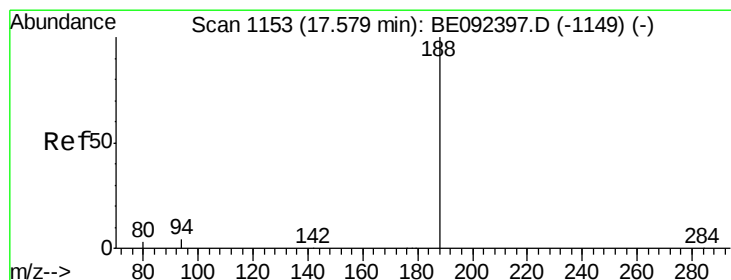
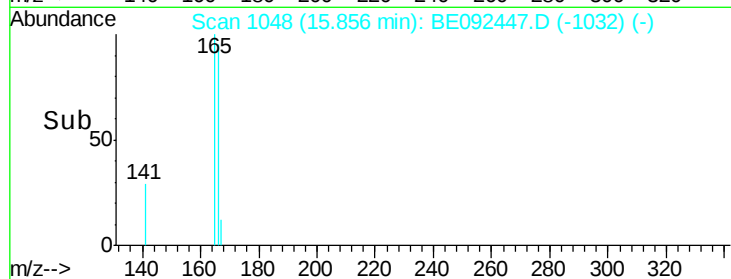
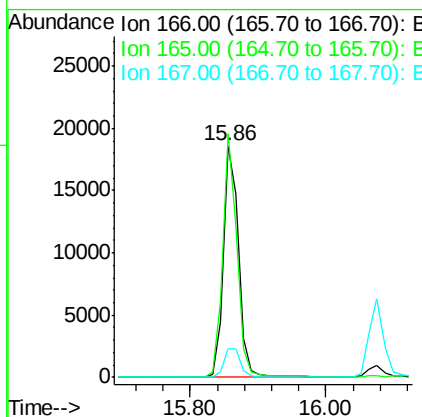
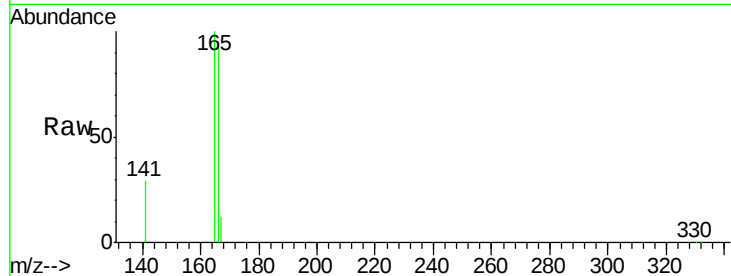




#17
Fluorene
 Concen: 3.57 ng
 RT: 15.86 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BE092447.D
 Acq: 7 Oct 2016 14:38

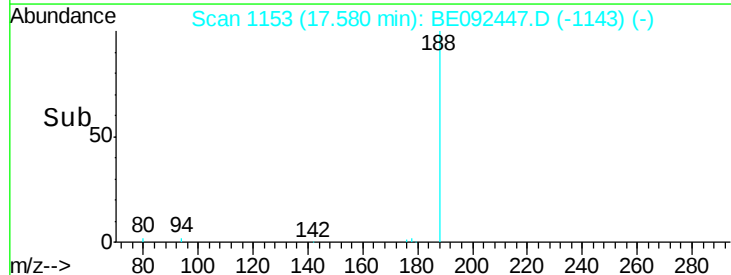
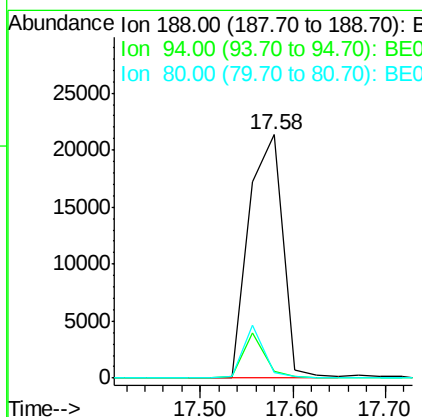
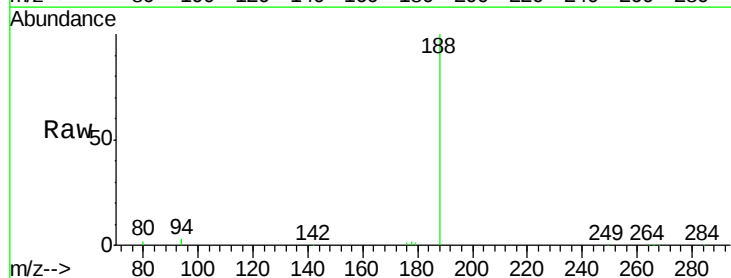
Instrument :
 BNA_E
 ClientSampleId :
 PB93840BSD

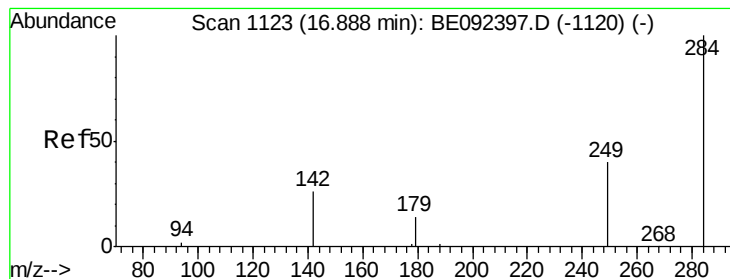
Tgt Ion:166 Resp: 29148
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.2 117.4
 167 13.5 11.0 16.4



#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

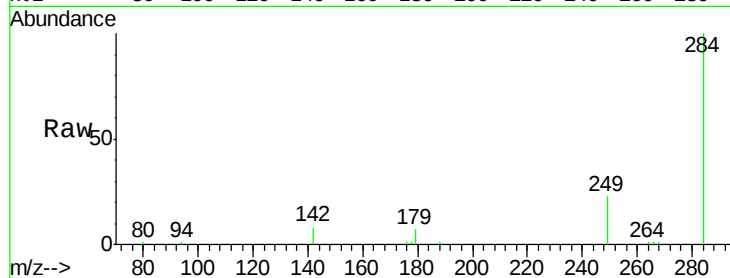
Tgt Ion:284 Resp: 8737

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

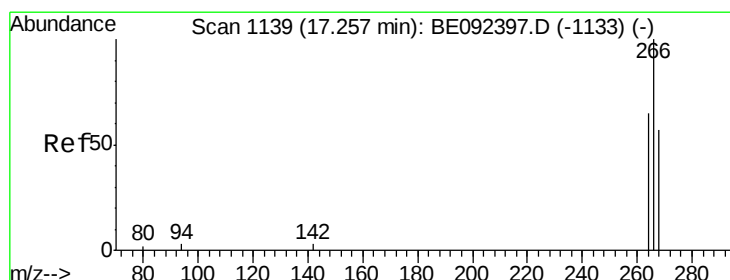
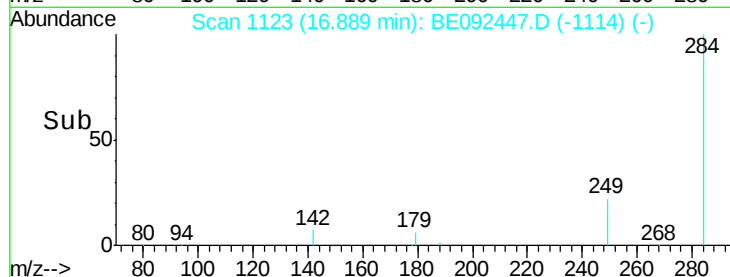
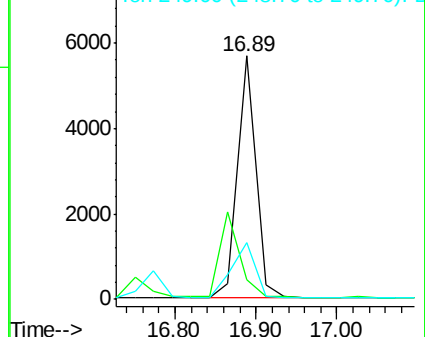
249 29.0 27.9 41.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 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

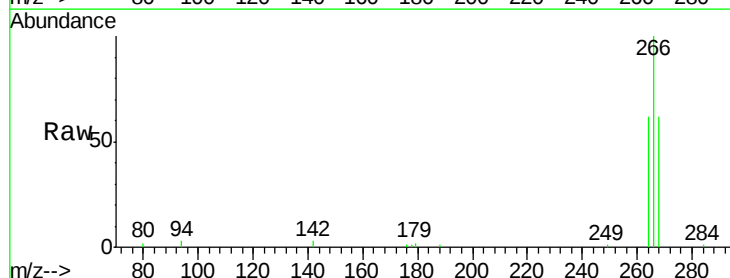
Tgt Ion:266 Resp: 7736

Ion Ratio Lower Upper

266 100

268 62.4 62.5 93.7#

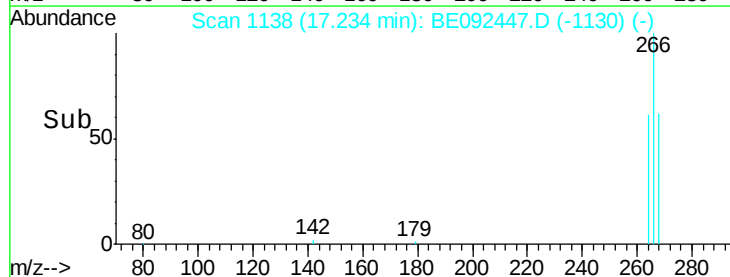
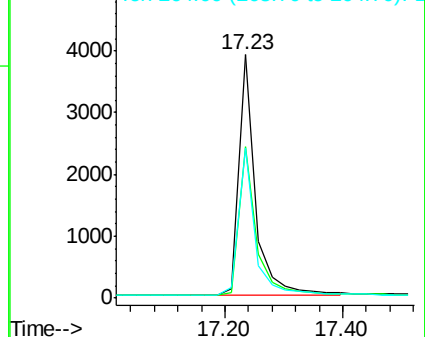
264 61.8 57.2 85.8



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: 4.17 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

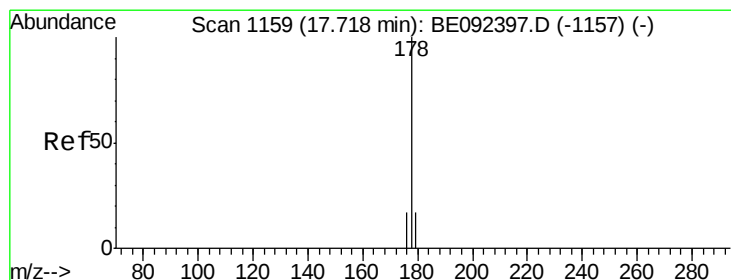
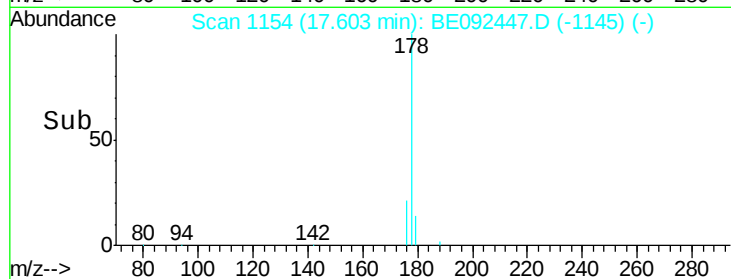
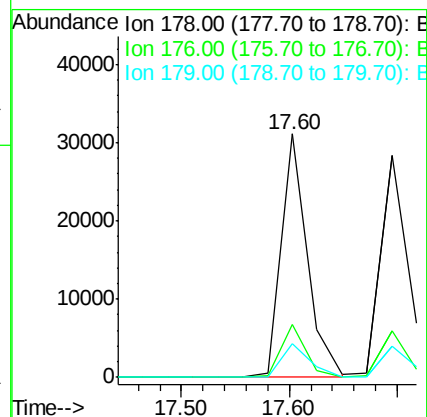
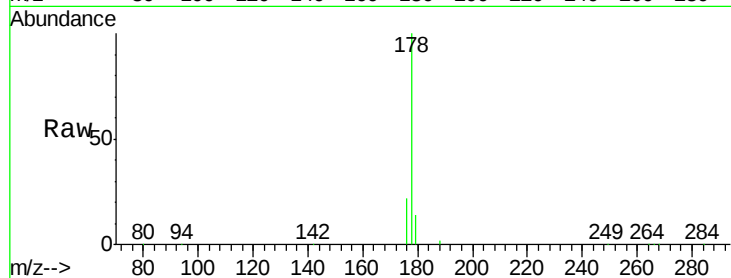
Tgt Ion:178 Resp: 52397

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

179 15.2 16.0 24.0#



#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

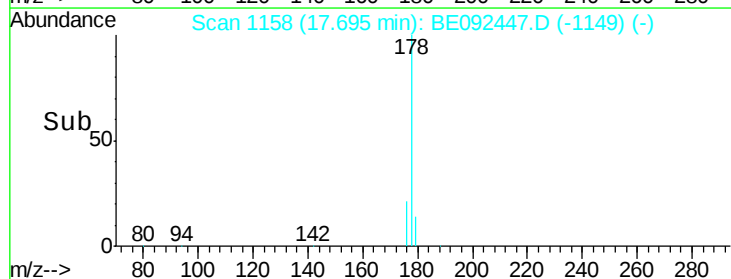
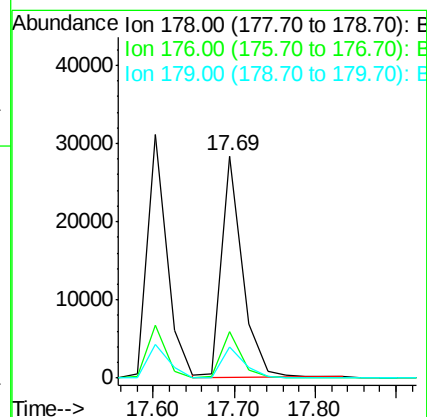
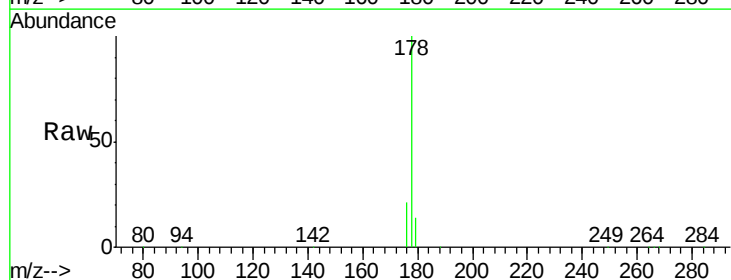
Tgt Ion:178 Resp: 50595

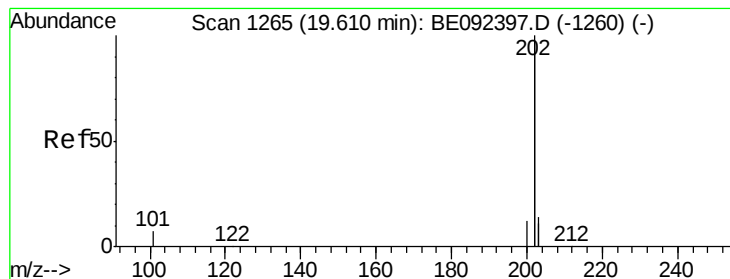
Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

179 14.8 12.2 18.2





#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

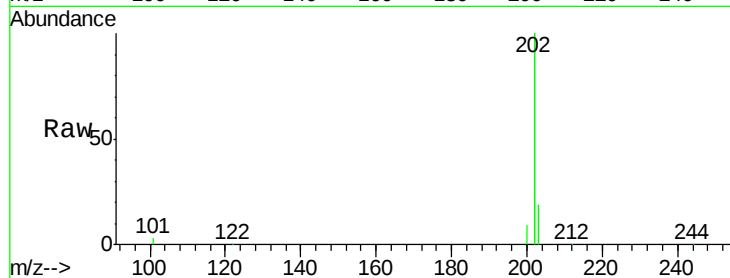
Tgt Ion:202 Resp: 243422

Ion Ratio Lower Upper

202 100

101 2.7 2.2 3.4

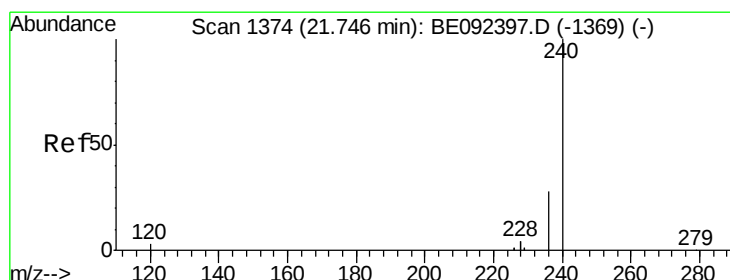
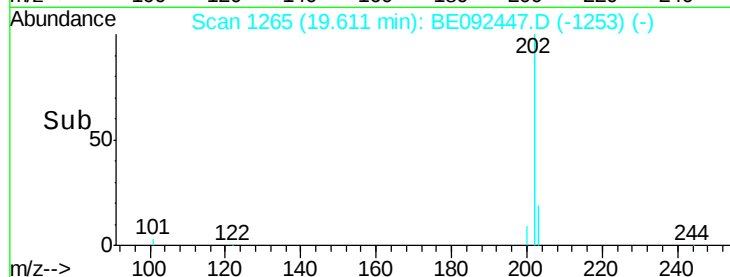
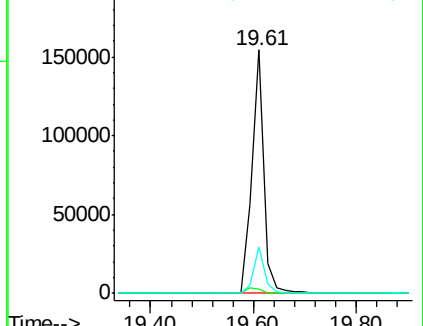
203 17.4 13.7 20.5



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

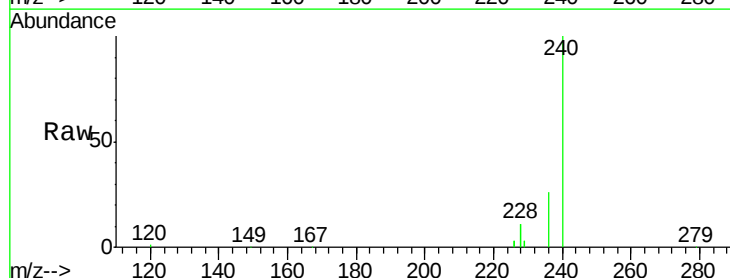
Tgt Ion:240 Resp: 90128

Ion Ratio Lower Upper

240 100

120 1.3 2.6 4.0#

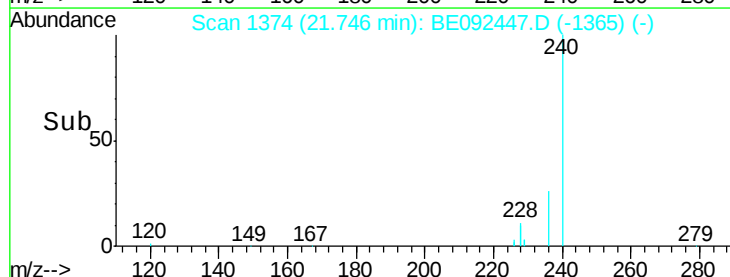
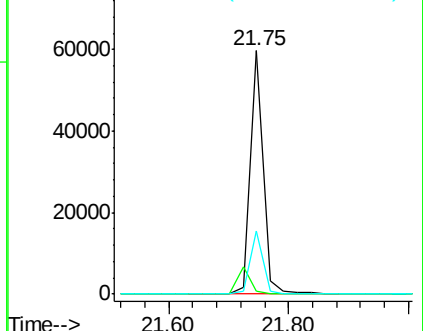
236 25.8 24.6 37.0



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

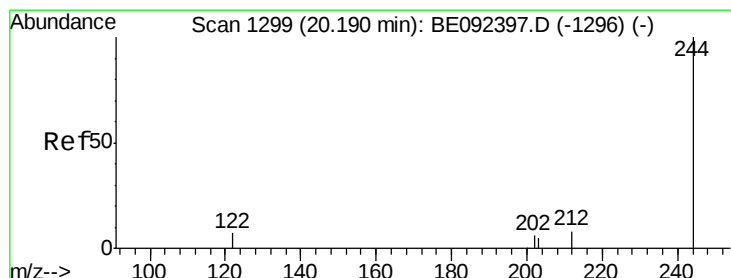
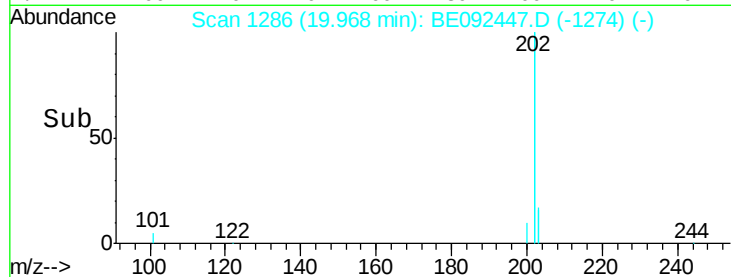
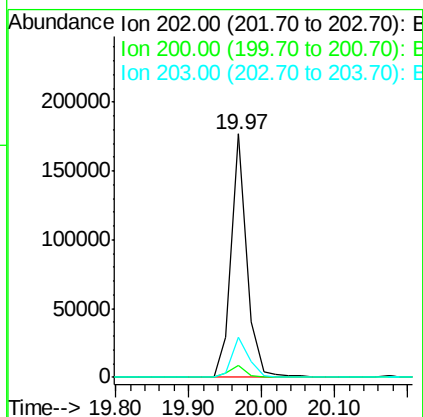
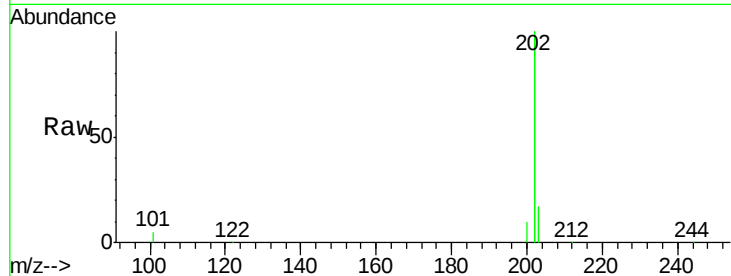




#25
 Pyrene
 Concen: 3.32 ng
 RT: 19.97 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092447.D
 Acq: 7 Oct 2016 14:38

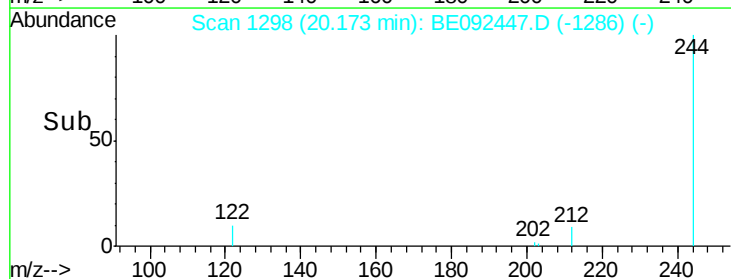
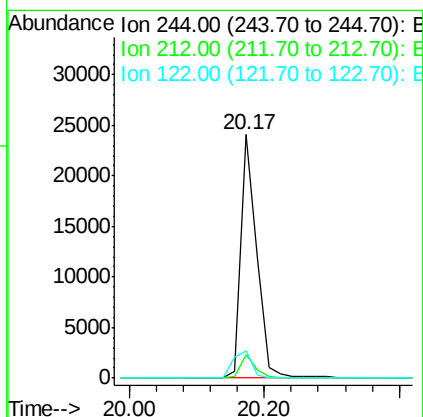
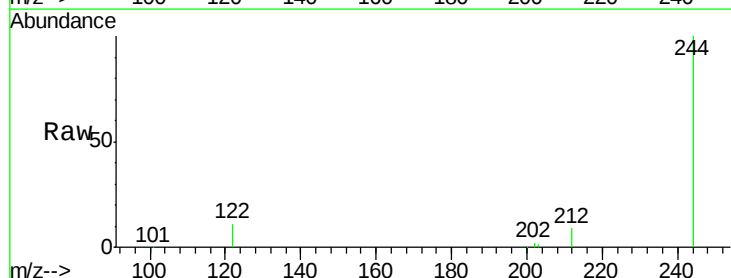
Instrument :
 BNA_E
 ClientSampleId :
 PB93840BSD

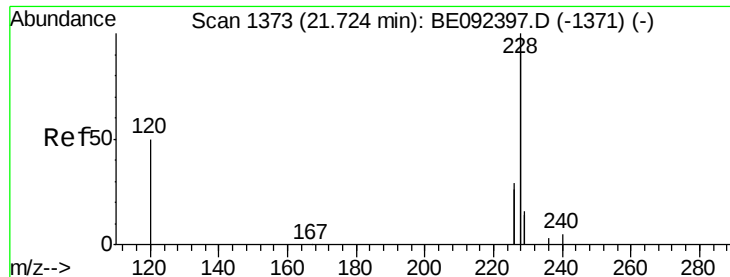
Tgt Ion: 202 Resp: 259685
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.9 13.9 20.9



#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#

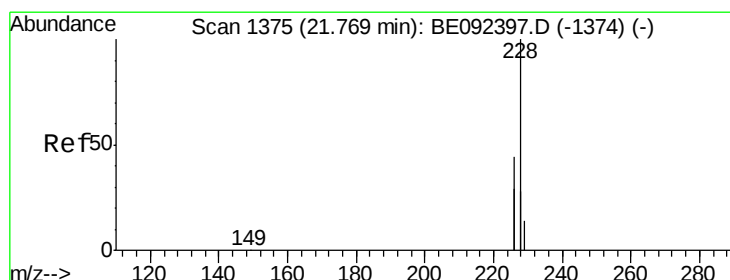
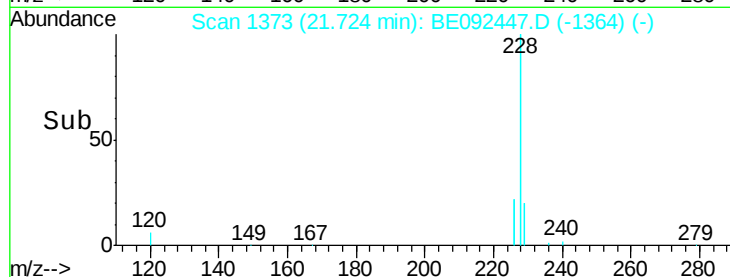
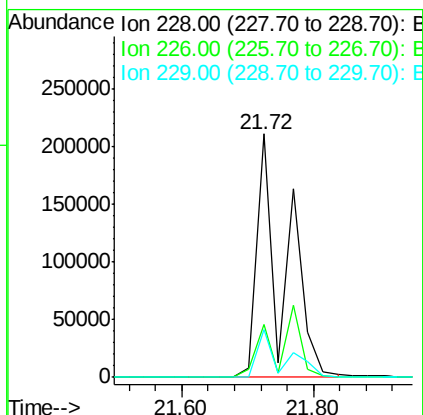
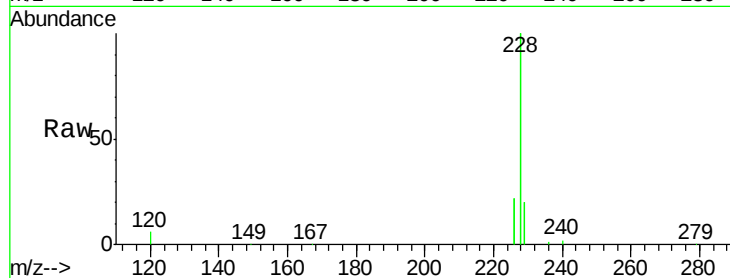




#27
Benzo(a)anthracene
Concen: 6.83 ng
RT: 21.72 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

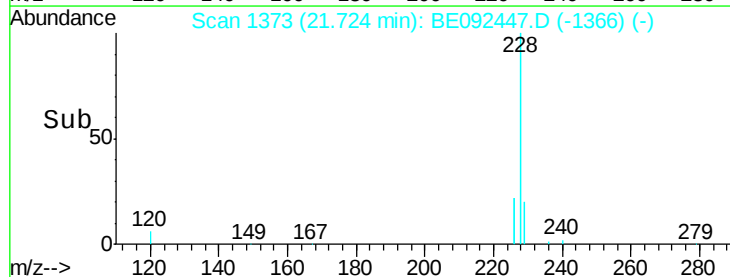
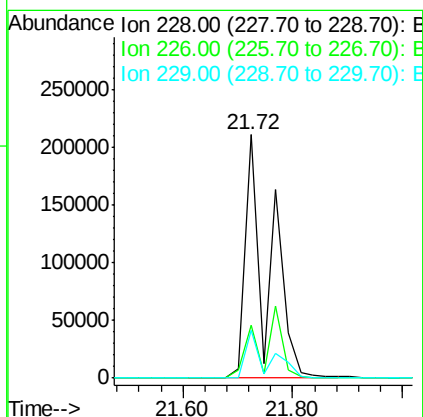
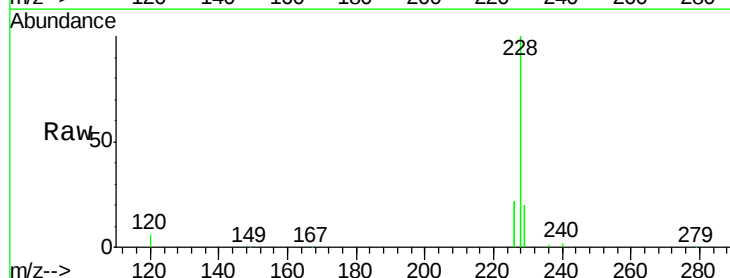
Instrument :
BNA_E
ClientSampleId :
PB93840BSD

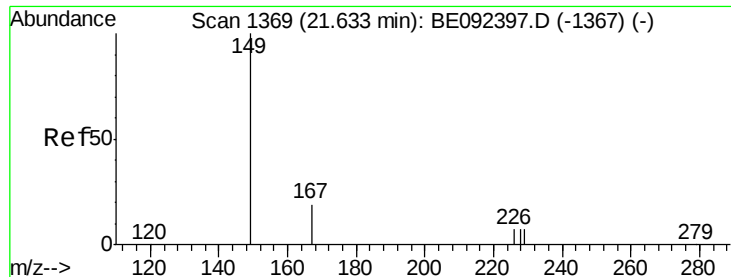
Tgt Ion:228 Resp: 599924
Ion Ratio Lower Upper
228 100
226 21.9 23.6 35.4#
229 19.8 13.3 19.9



#28
Chrysene
Concen: 7.50 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BE092447.D
Acq: 7 Oct 2016 14:38

Tgt Ion:228 Resp: 603364
Ion Ratio Lower Upper
228 100
226 21.9 36.3 54.5#
229 19.8 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

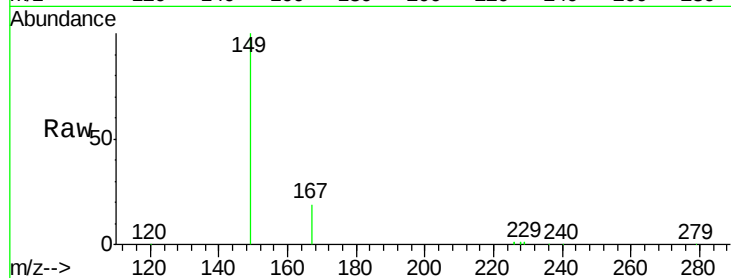
Tgt Ion:149 Resp: 25627

Ion Ratio Lower Upper

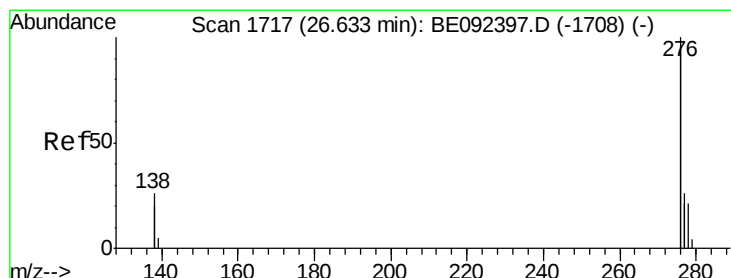
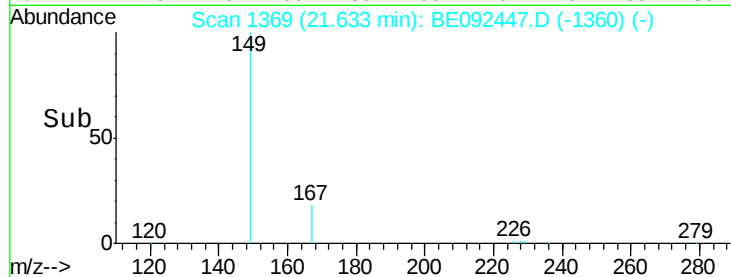
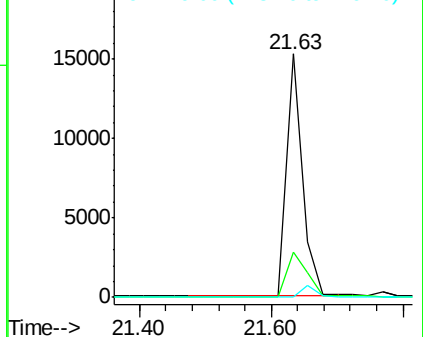
149 100

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

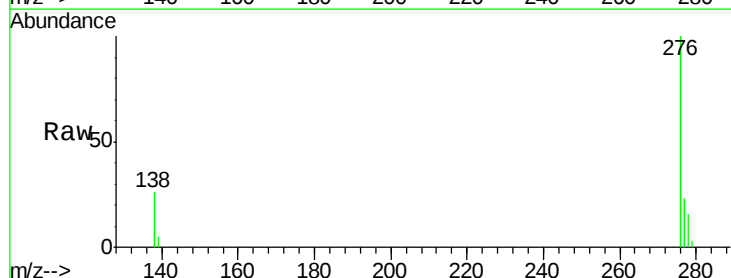
Tgt Ion:276 Resp: 311837

Ion Ratio Lower Upper

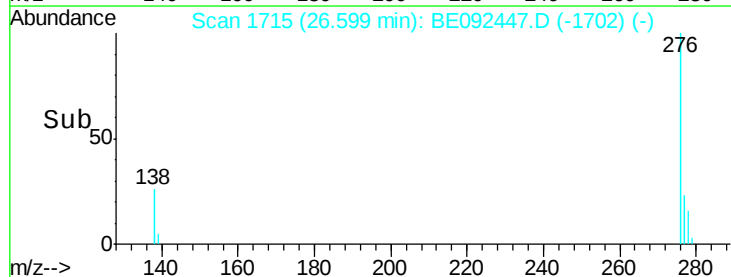
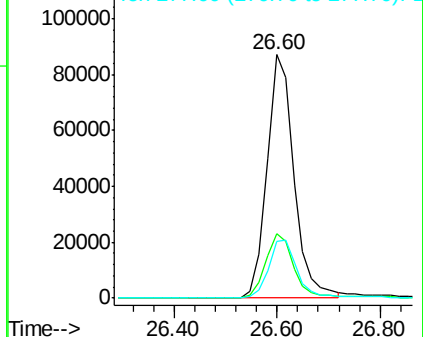
276 100

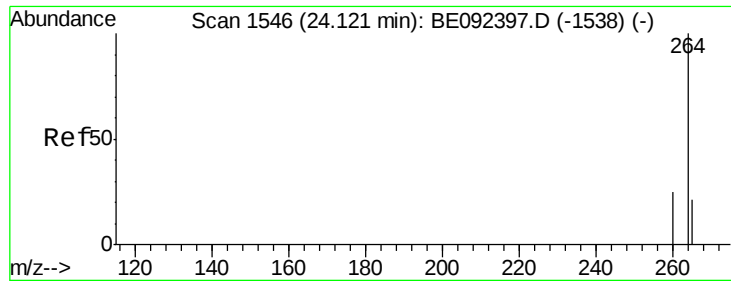
138 27.3 20.3 30.5

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

Perylene-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

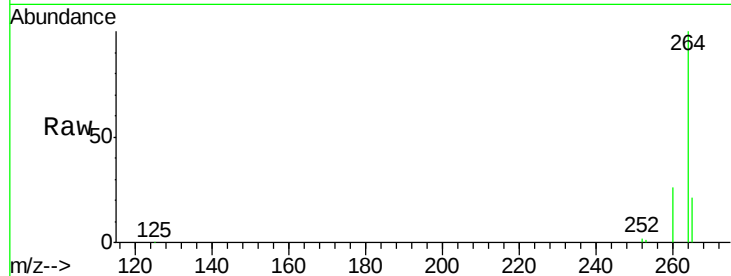
Tgt Ion:264 Resp: 75479

Ion Ratio Lower Upper

264 100

260 25.7 20.1 30.1

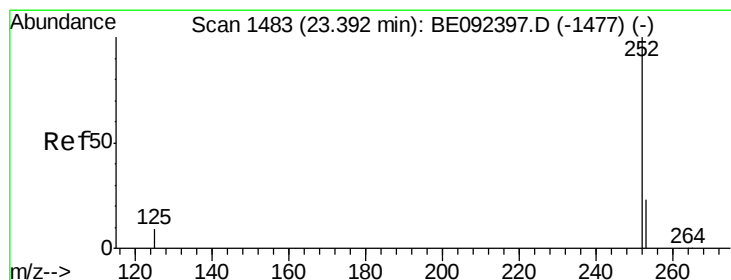
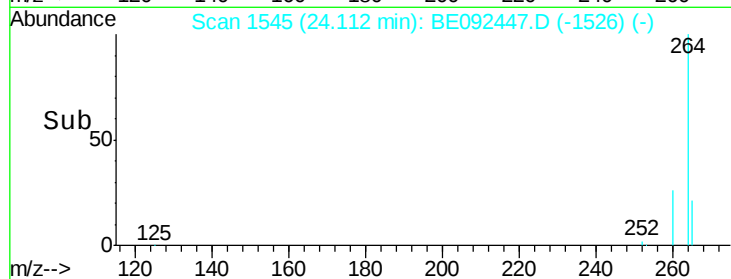
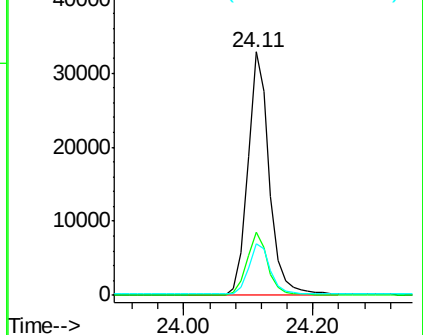
265 21.2 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#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

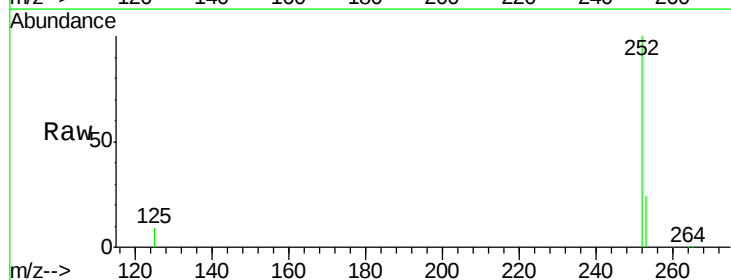
Tgt Ion:252 Resp: 76739

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

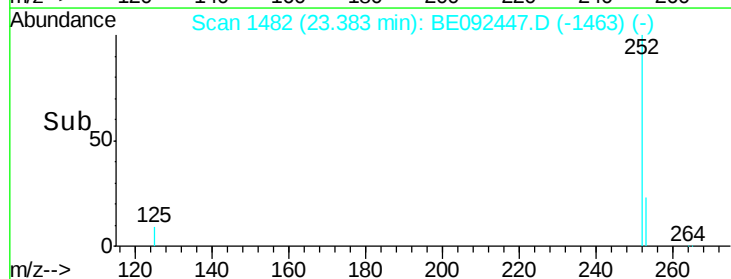
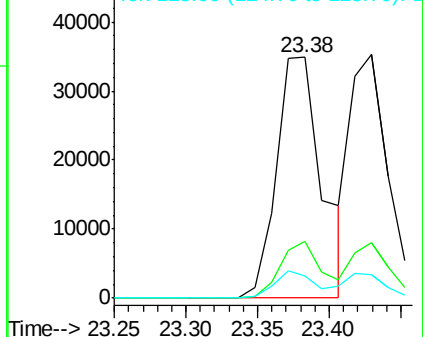
125 9.4 10.5 15.7#

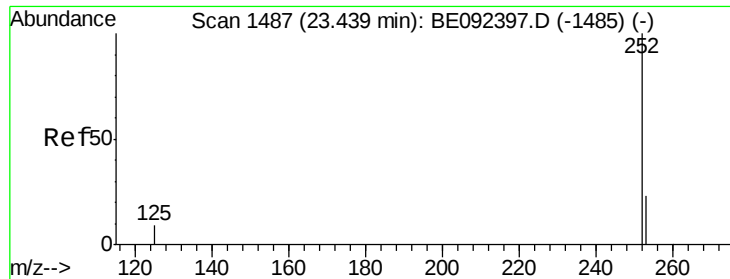


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

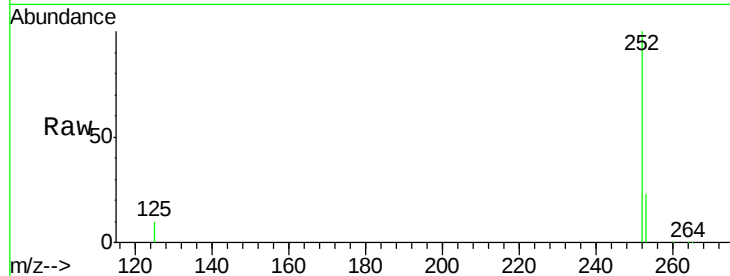
Tgt Ion:252 Resp: 66051

Ion Ratio Lower Upper

252 100

253 22.6 20.3 30.5

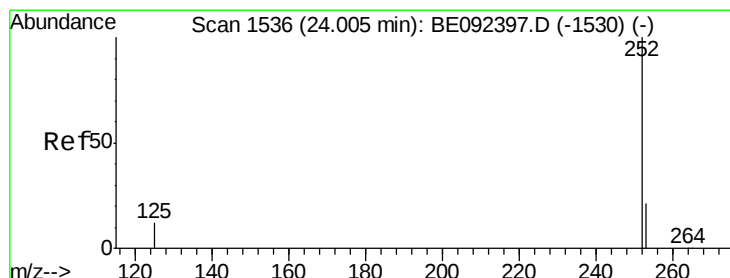
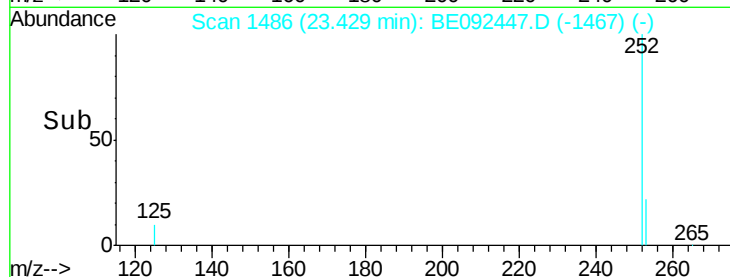
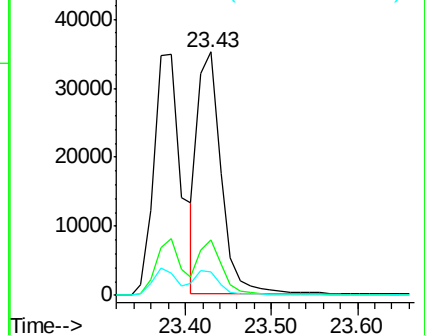
125 9.8 9.6 14.4



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

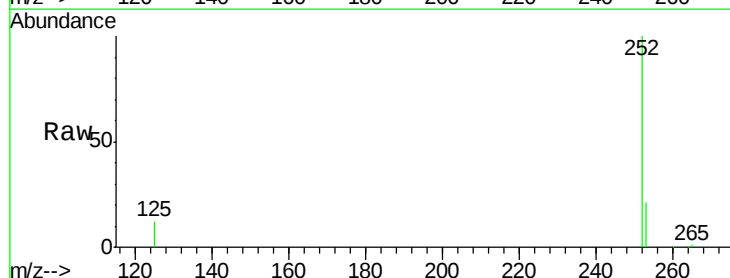
Tgt Ion:252 Resp: 68393

Ion Ratio Lower Upper

252 100

253 21.3 19.0 28.6

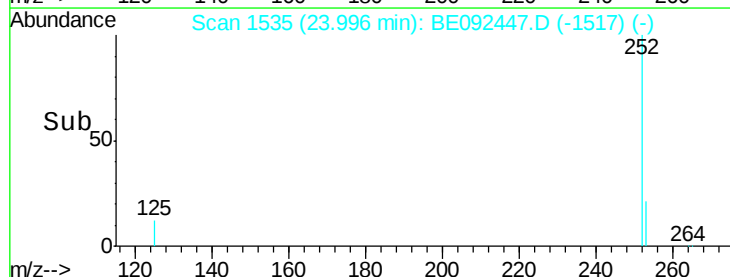
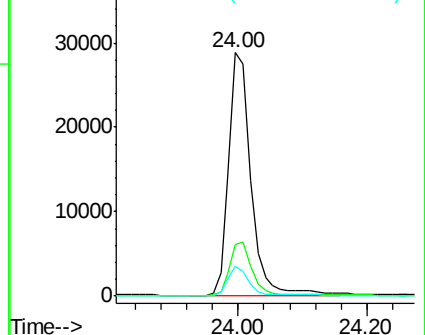
125 12.0 11.8 17.8

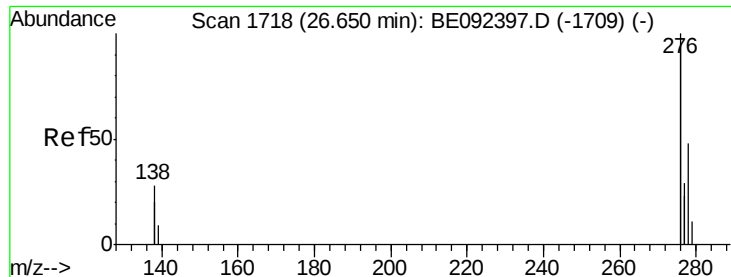


Abundance Ion 252.00 (251.70 to 252.70): E

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

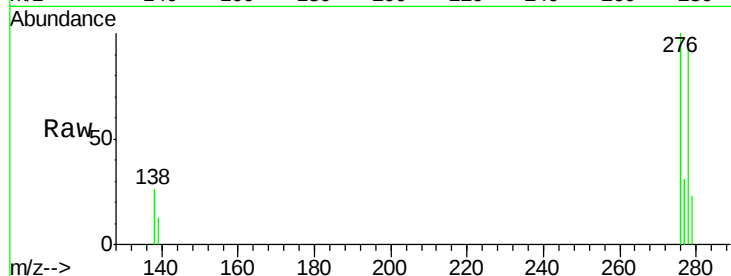
Tgt Ion: 278 Resp: 64702

Ion Ratio Lower Upper

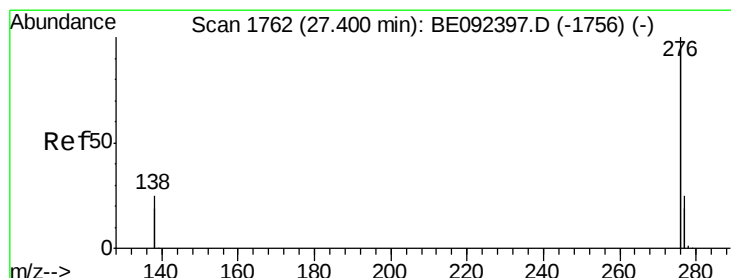
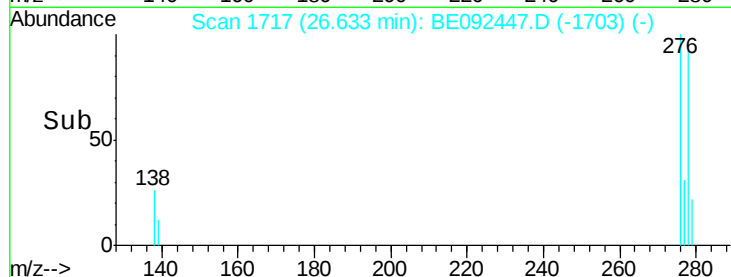
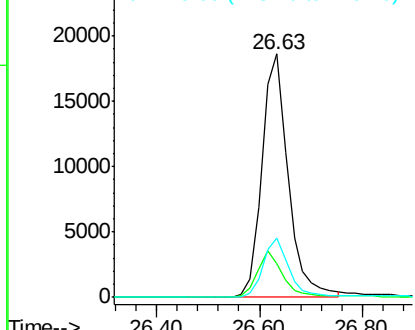
278 100

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

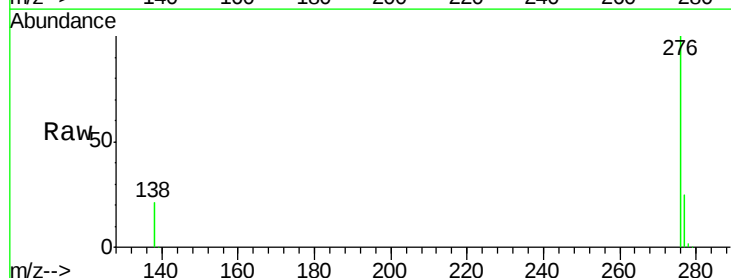
Tgt Ion: 276 Resp: 268710

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

