

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
 Data File : BE092331.D
 Acq On : 1 Sep 2016 16:35
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 02 03:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 03:16:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	9129	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	47860	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	29514	5.00	ng	-0.02
18) Phenanthrene-d10	17.58	188	69280	5.00	ng	0.00
24) Chrysene-d12	21.75	240	96168	5.00	ng	0.00
31) Perylene-d12	24.12	264	87314	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	25558	12.11	ng	-0.01
5) Phenol-d6	7.33	99	38572	13.92	ng	-0.02
8) Nitrobenzene-d5	9.34	82	36982	11.65	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	13321	15.79	ng	-0.01
14) 2-Fluorobiphenyl	13.45	172	86926	9.46	ng	0.00
26) Terphenyl-d14	20.17	244	129475	9.99	ng	-0.02

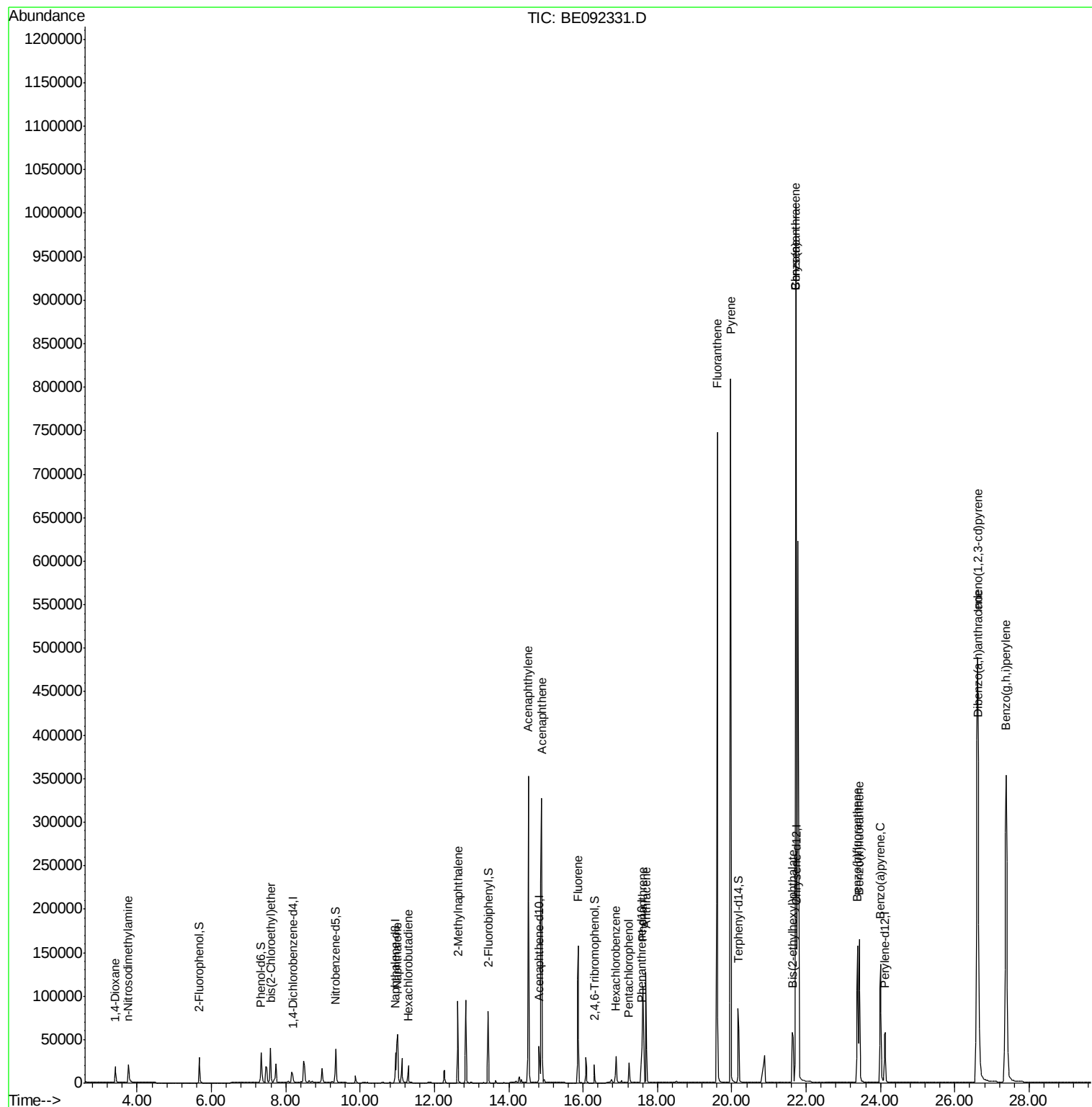
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	11114	8.64	ng	93
3) n-Nitrosodimethylamine	3.76	42	17201	12.59	ng	100
6) bis(2-Chloroethyl)ether	7.59	93	31142	14.41	ng	# 92
9) Naphthalene	11.01	128	100285	9.48	ng	# 94
10) Hexachlorobutadiene	11.30	225	15518	9.64	ng	100
11) 2-Methylnaphthalene	12.62	142	69892	10.59	ng	97
15) Acenaphthylene	14.53	152	518248	10.28	ng	100
16) Acenaphthene	14.88	154	78639	9.59	ng	99
17) Fluorene	15.87	166	101874	10.19	ng	99
19) Hexachlorobenzene	16.89	284	30444	10.62	ng	# 66
20) Pentachlorophenol	17.23	266	17418	24.14	ng	# 85
21) Phenanthrene	17.60	178	163389	9.98	ng	# 99
22) Anthracene	17.69	178	170390	11.29	ng	98
23) Fluoranthene	19.61	202	849094	11.38	ng	99
25) Pyrene	19.97	202	906979	10.21	ng	100
27) Benzo(a)anthracene	21.72	228	1849725	18.25	ng	97
28) Chrysene	21.72	228	1855880	20.70	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.63	149	109733	15.92	ng	# 100
30) Indeno(1,2,3-cd)pyrene	26.62	276	1017907	10.84	ng	99
32) Benzo(b)fluoranthene	23.38	252	229131	11.10	ng	# 95
33) Benzo(k)fluoranthene	23.43	252	220978	9.38	ng	93
34) Benzo(a)pyrene	24.01	252	220466	10.56	ng	# 94
35) Dibenzo(a,h)anthracene	26.63	278	212351	11.44	ng	95
36) Benzo(g,h,i)perylene	27.38	276	859457	10.49	ng	95

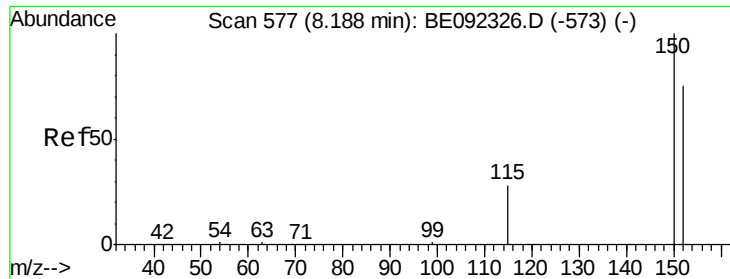
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

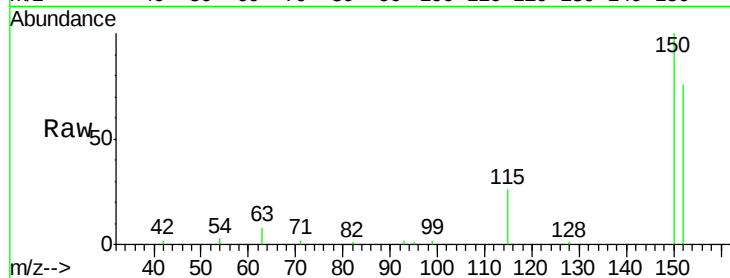
Tgt Ion:152 Resp: 9129

Ion Ratio Lower Upper

152 100

150 131.3 106.0 159.0

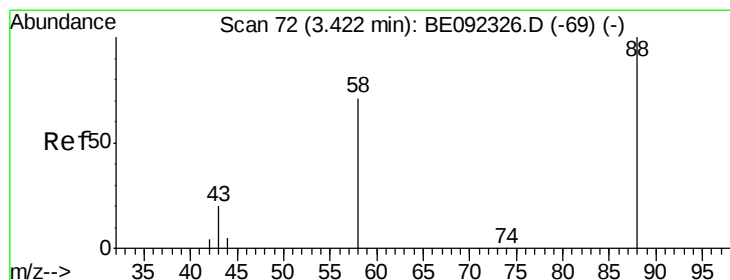
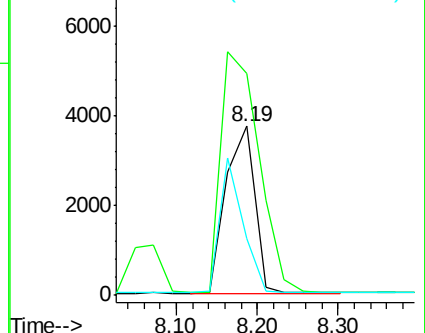
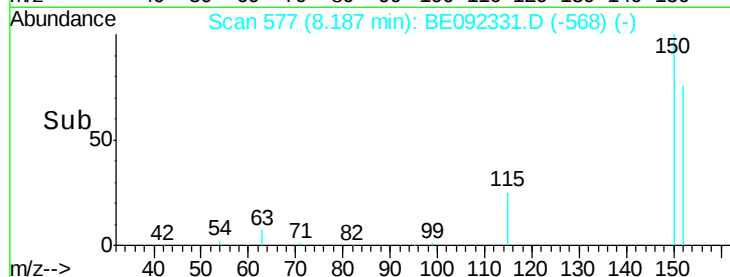
115 33.8 31.2 46.8



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: 8.64 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

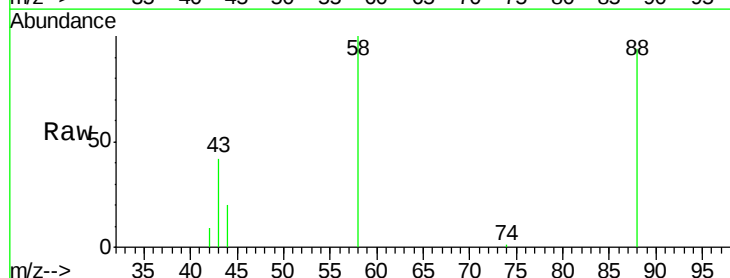
Tgt Ion: 88 Resp: 11114

Ion Ratio Lower Upper

88 100

58 87.3 63.6 95.4

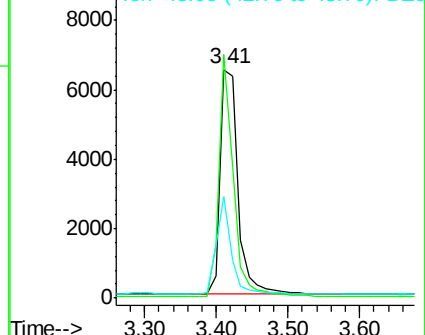
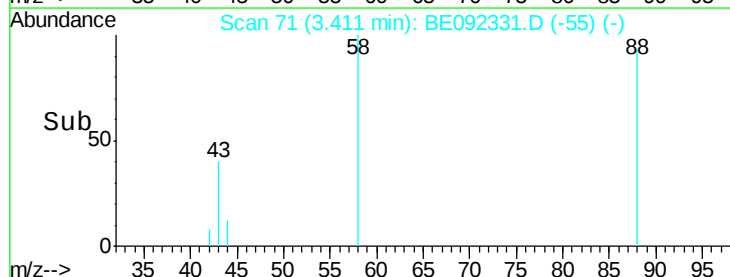
43 36.0 28.0 42.0

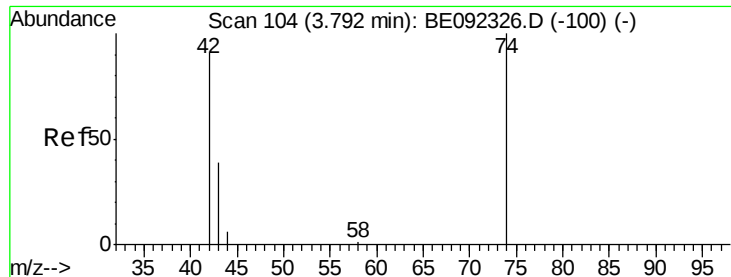


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



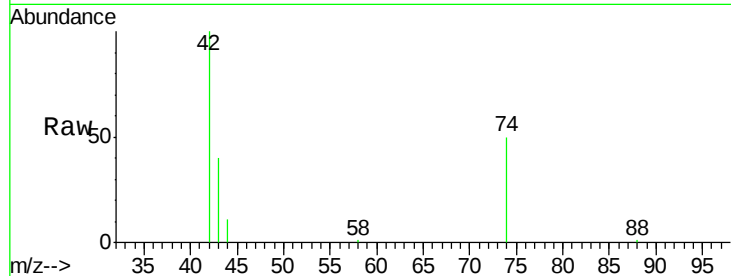


#3

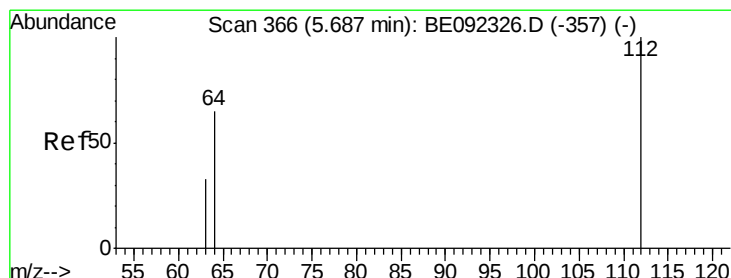
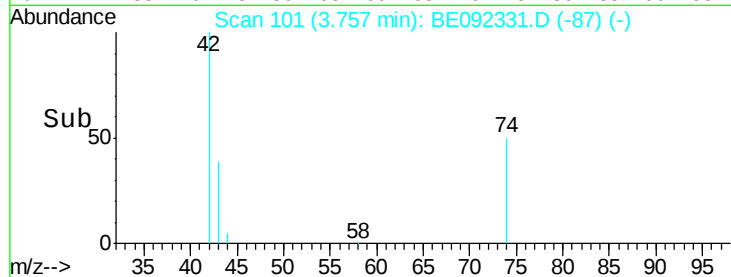
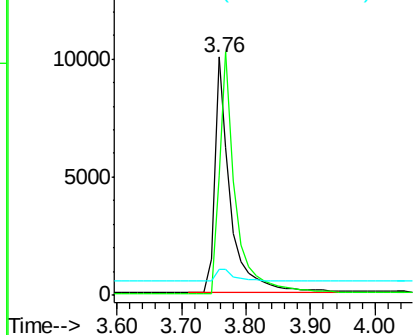
n-Nitrosodimethylamine
 Concen: 12.59 ng
 RT: 3.76 min Scan# 101
 Delta R.T. -0.03 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

Tgt Ion: 42 Resp: 17201
 Ion Ratio Lower Upper
 42 100
 74 107.8 86.0 129.0
 44 6.1 5.1 7.7



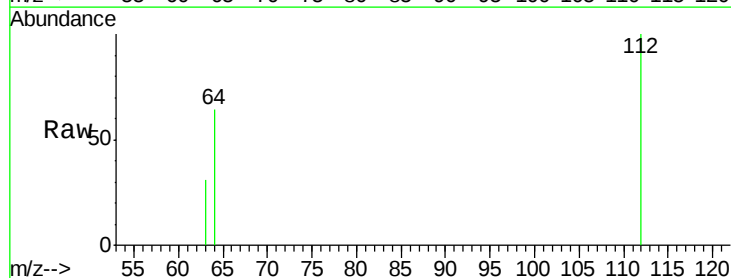
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



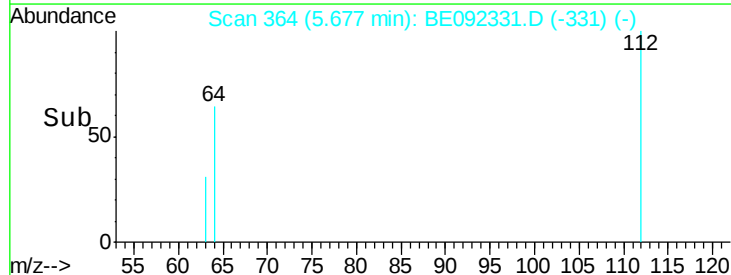
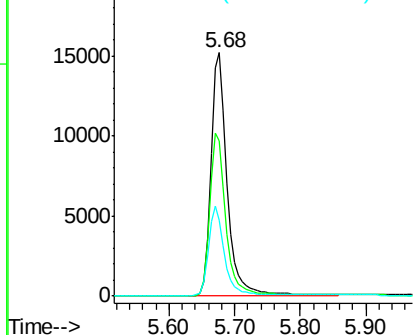
#4

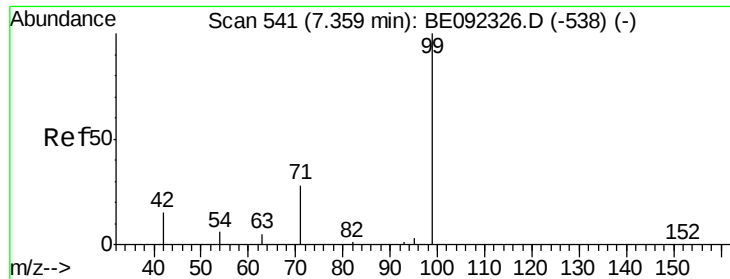
2-Fluorophenol
 Concen: 12.11 ng
 RT: 5.68 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

Tgt Ion: 112 Resp: 25558
 Ion Ratio Lower Upper
 112 100
 64 67.3 53.5 80.3
 63 36.0 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: 13.92 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

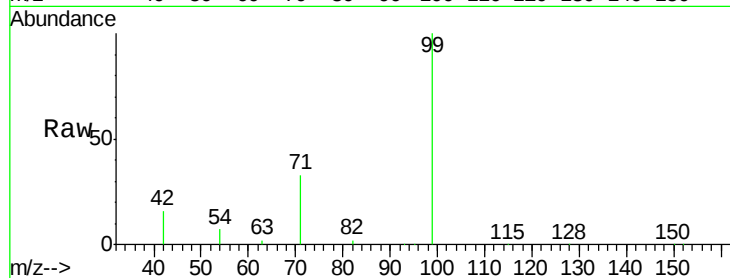
Tgt Ion: 99 Resp: 38572

Ion Ratio Lower Upper

99 100

42 23.0 0.0 0.0#

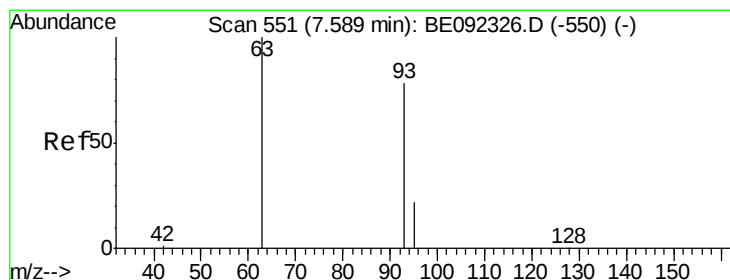
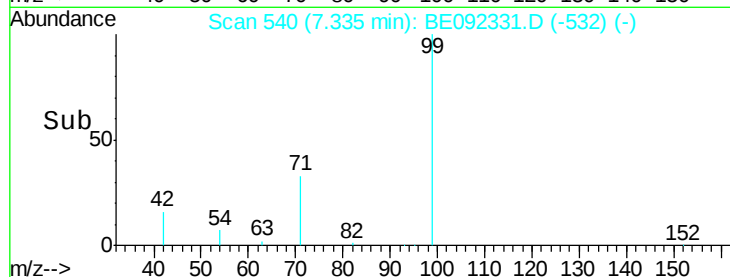
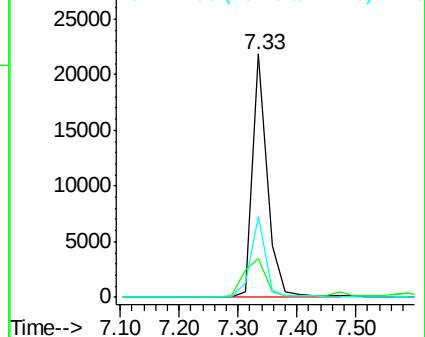
71 33.6 30.6 45.8



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: 14.41 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

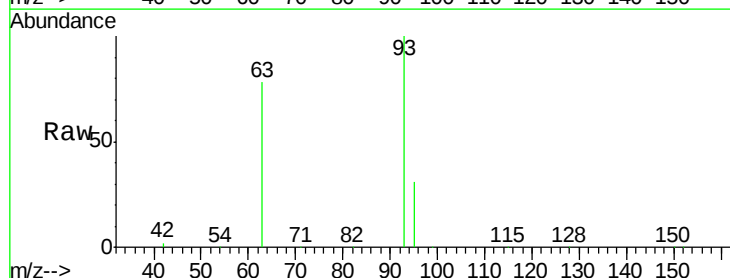
Tgt Ion: 93 Resp: 31142

Ion Ratio Lower Upper

93 100

63 81.9 71.6 107.4

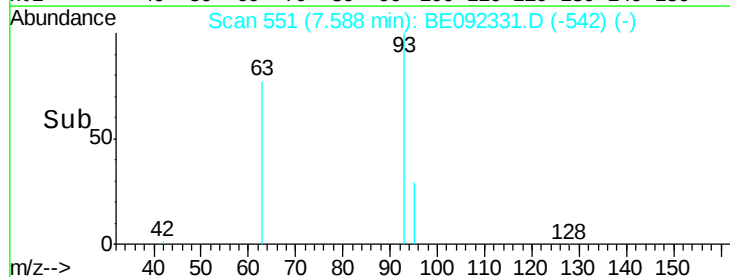
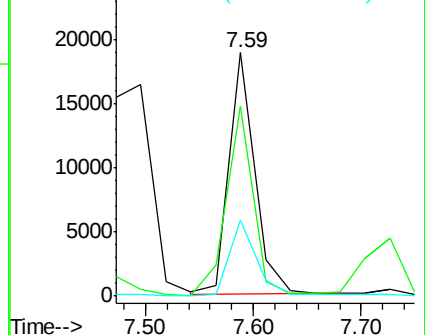
95 32.4 0.0 0.0#

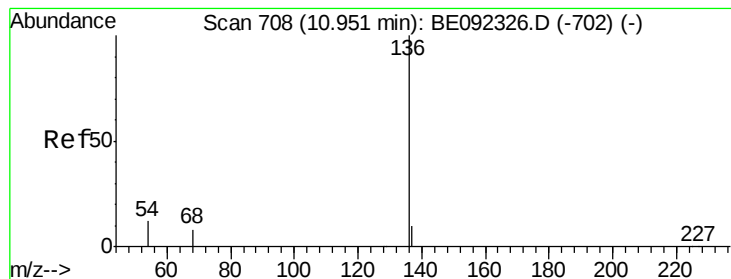


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

Tgt Ion:136 Resp: 47860

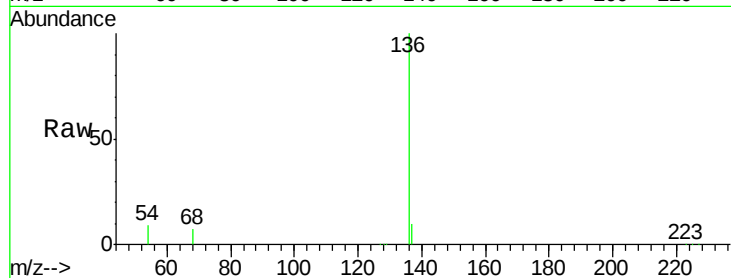
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 9.1 9.6 14.4#

68 6.8 6.7 10.1

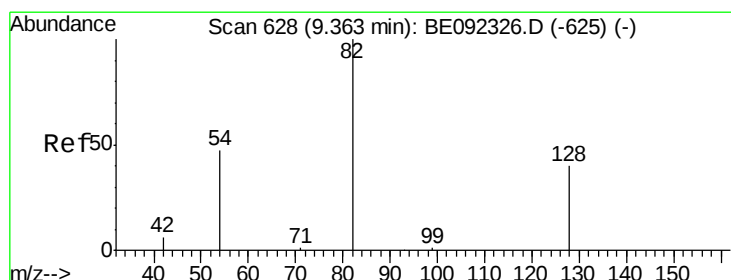
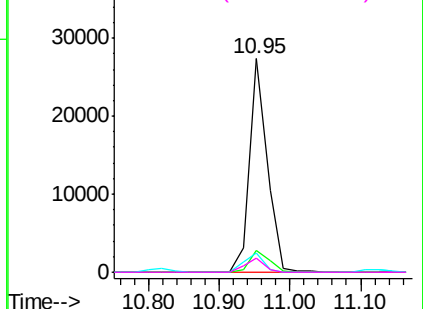
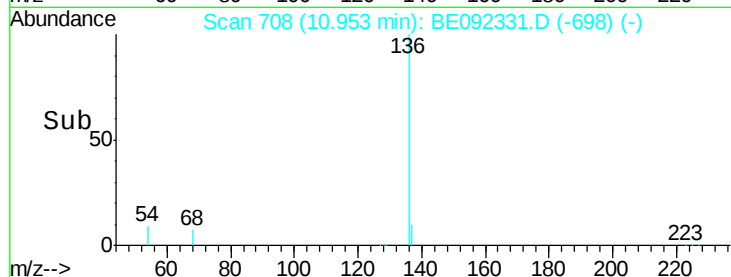


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.65 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

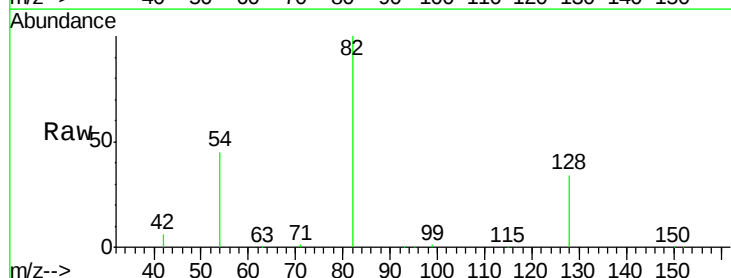
Tgt Ion: 82 Resp: 36982

Ion Ratio Lower Upper

82 100

128 33.8 39.0 58.4#

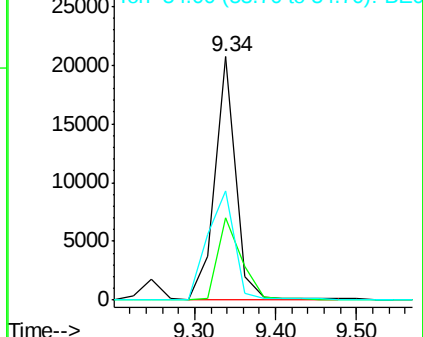
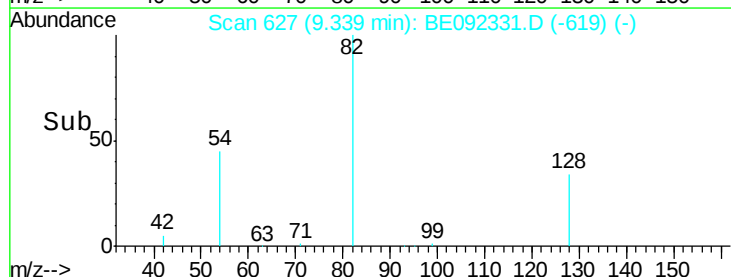
54 45.1 44.8 67.2

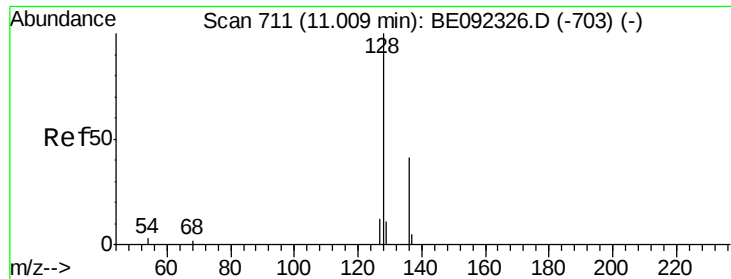


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 9.48 ng

RT: 11.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

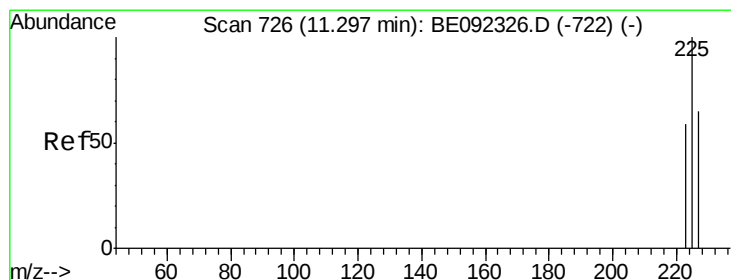
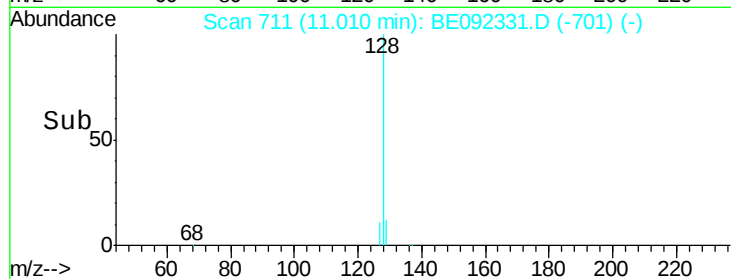
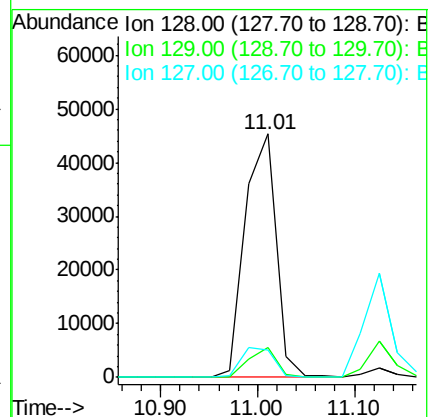
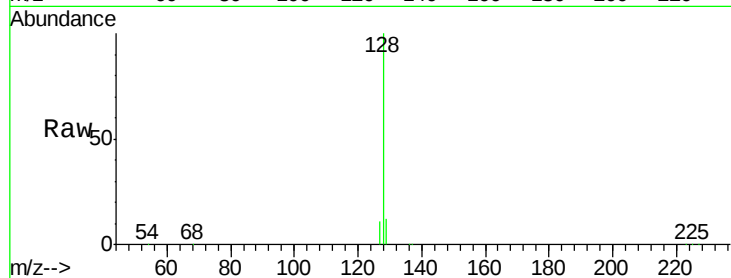
Tgt Ion:128 Resp: 100285

Ion Ratio Lower Upper

128 100

129 12.1 11.2 16.8

127 11.4 11.6 17.4#



#10

Hexachlorobutadiene

Concen: 9.64 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

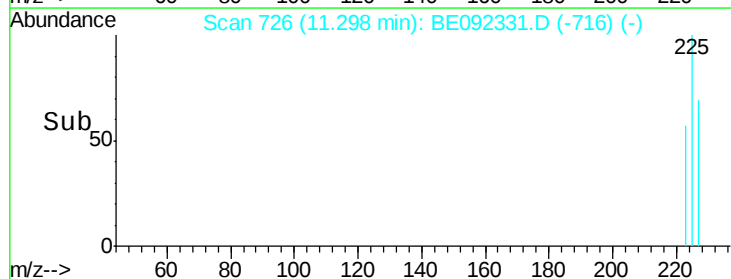
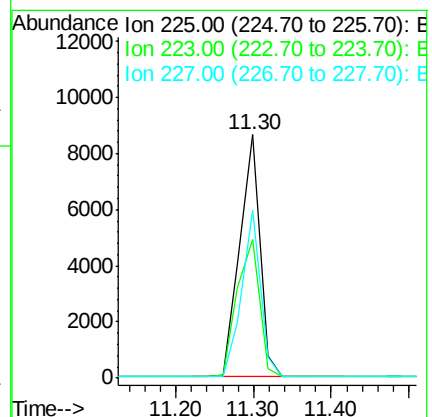
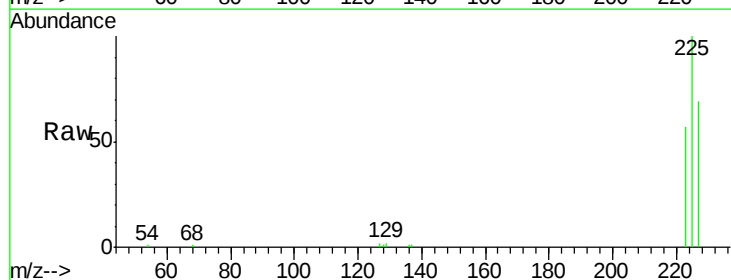
Tgt Ion:225 Resp: 15518

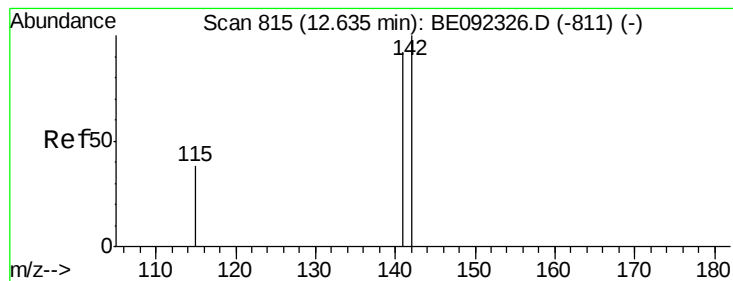
Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 64.0 51.4 77.0





#11

2-Methylnaphthalene

Concen: 10.59 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

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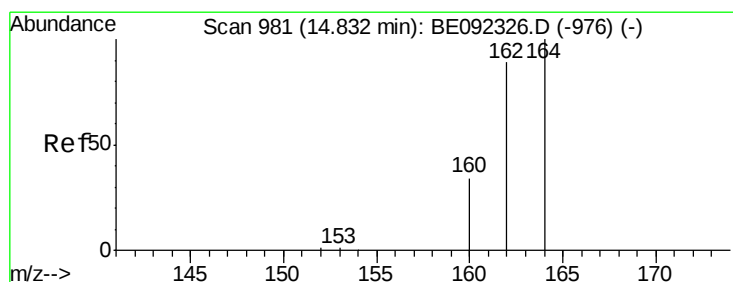
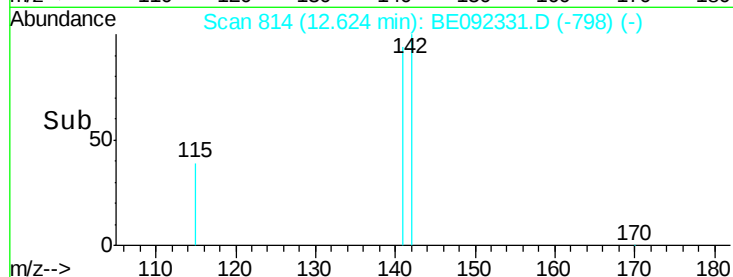
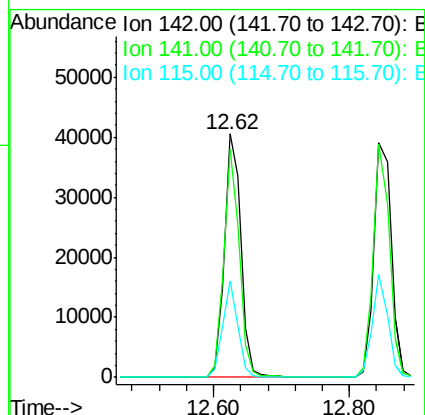
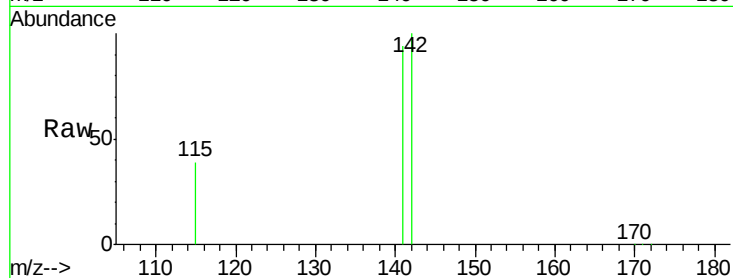
Tgt Ion:142 Resp: 69892

Ion Ratio Lower Upper

142 100

141 93.5 73.7 110.5

115 39.4 34.0 51.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

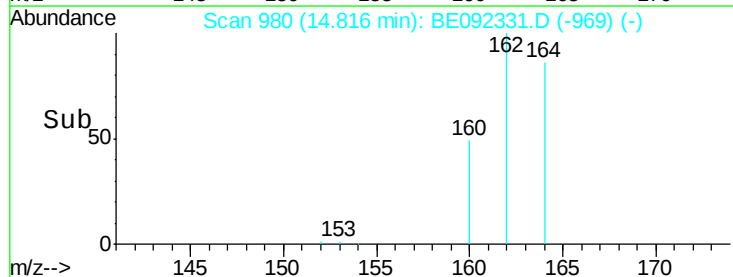
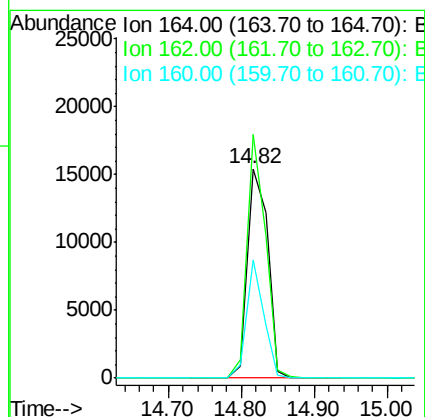
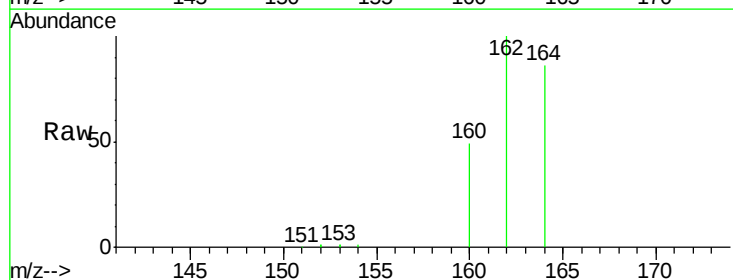
Tgt Ion:164 Resp: 29514

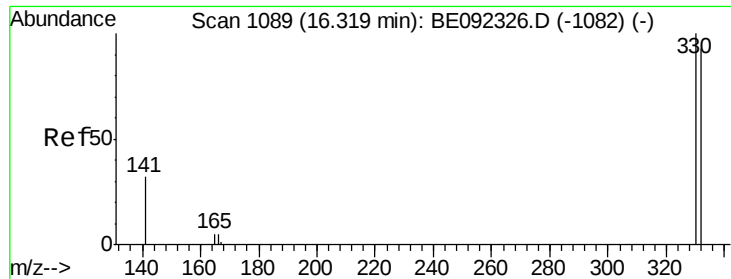
Ion Ratio Lower Upper

164 100

162 116.5 71.4 107.0#

160 56.7 27.4 41.2#

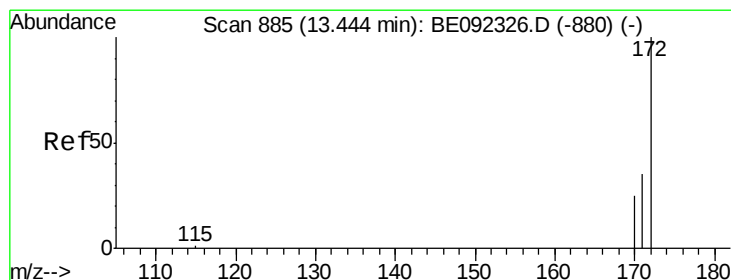
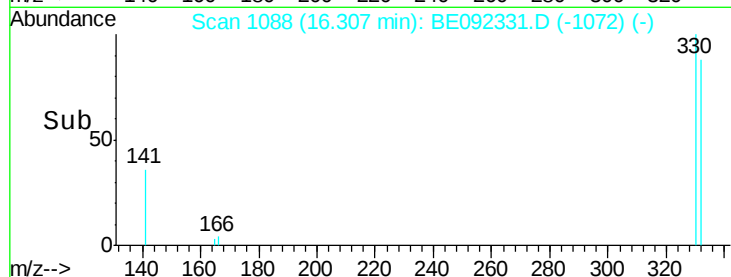
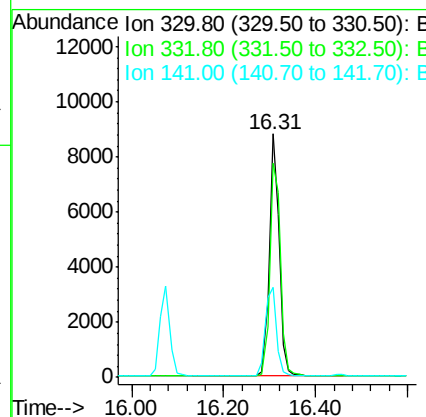
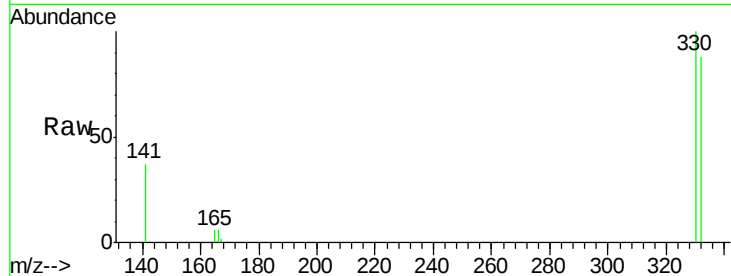




#13
 2,4,6-Tribromophenol
 Concen: 15.79 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

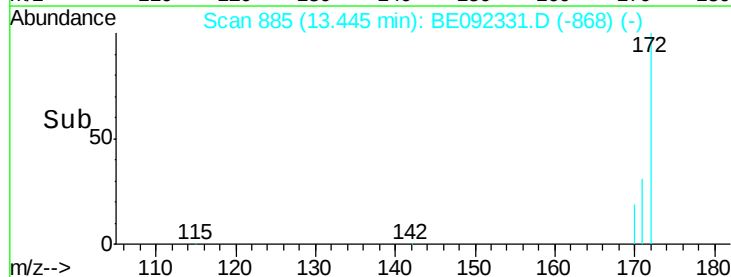
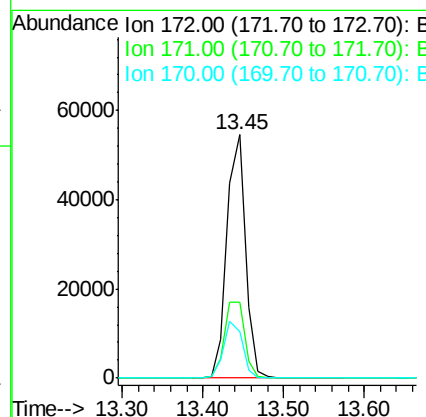
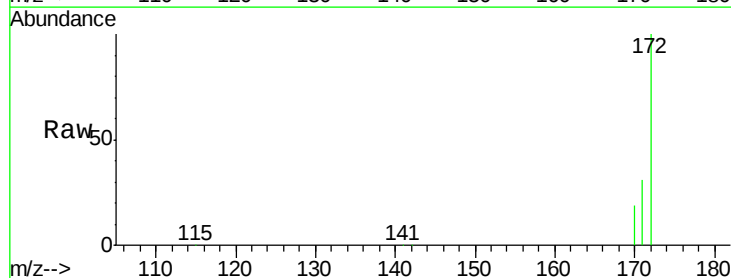
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

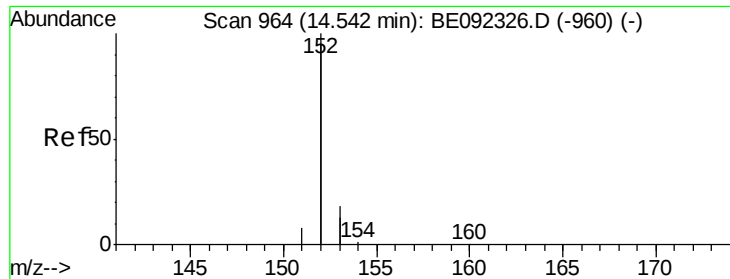
Tgt Ion: 330 Resp: 13321
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.0
 141 40.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 9.46 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

Tgt Ion: 172 Resp: 86926
 Ion Ratio Lower Upper
 172 100
 171 31.3 30.1 45.1
 170 18.9 21.8 32.6#





#15

Acenaphthylene

Concen: 10.28 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.02 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

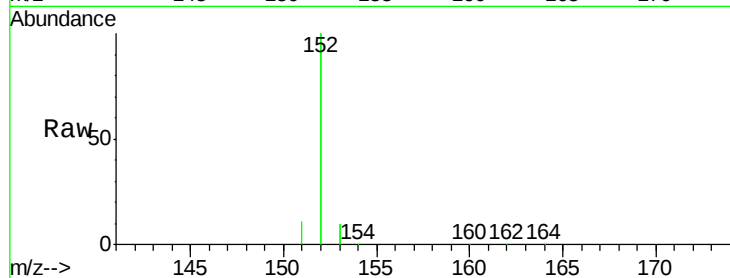
Tgt Ion:152 Resp: 518248

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

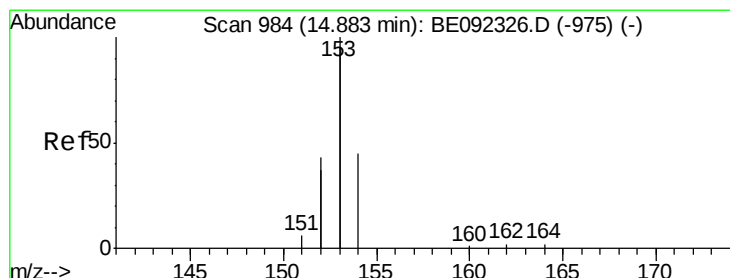
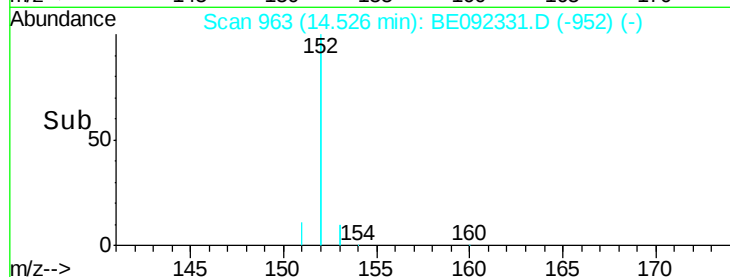
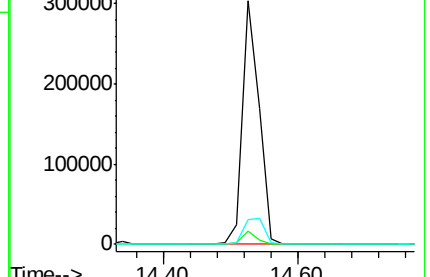
153 13.1 10.4 15.6



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: 9.59 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

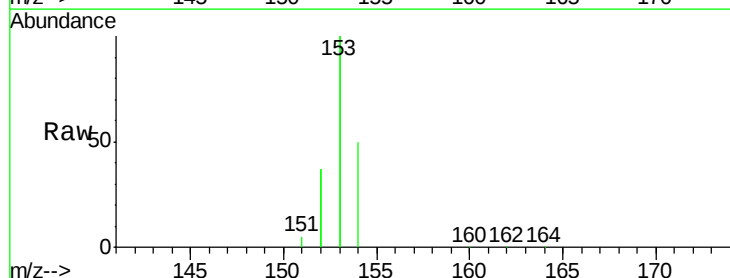
Tgt Ion:154 Resp: 78639

Ion Ratio Lower Upper

154 100

153 440.8 350.8 526.2

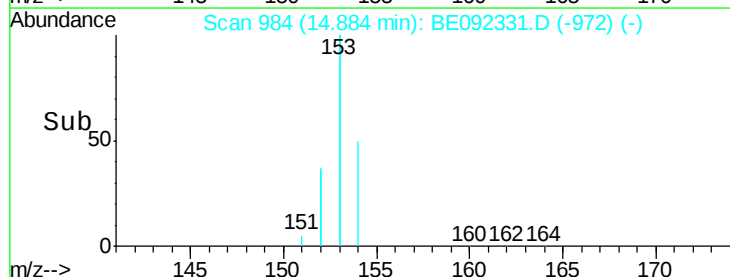
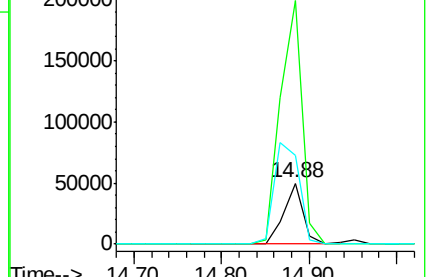
152 213.2 171.1 256.7

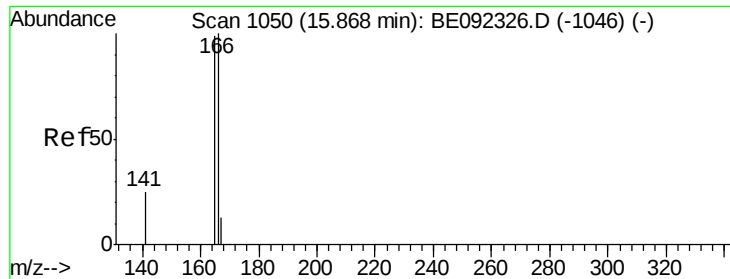


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 10.19 ng

RT: 15.87 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

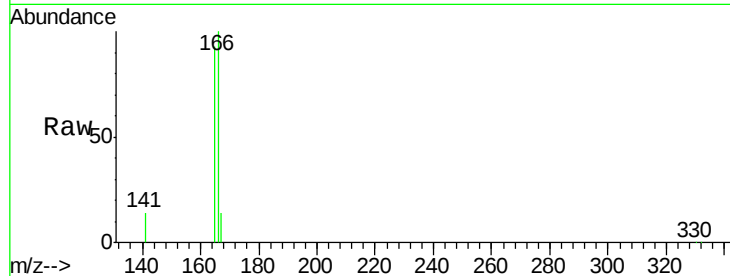
Tgt Ion:166 Resp: 101874

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

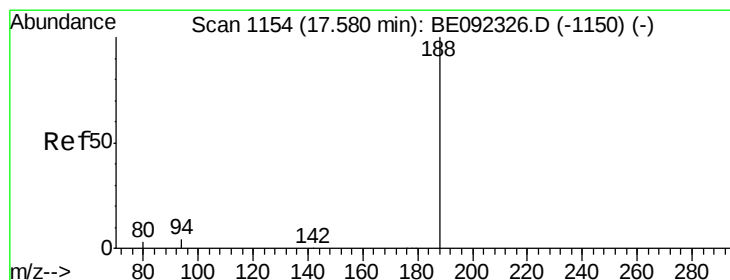
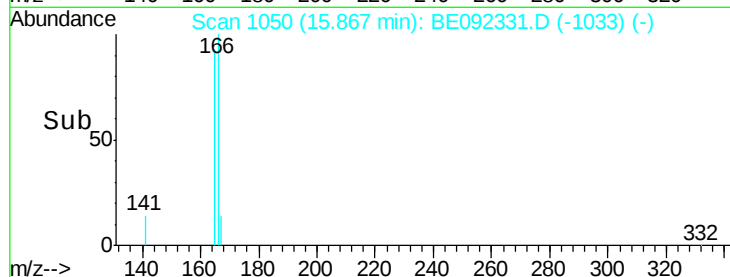
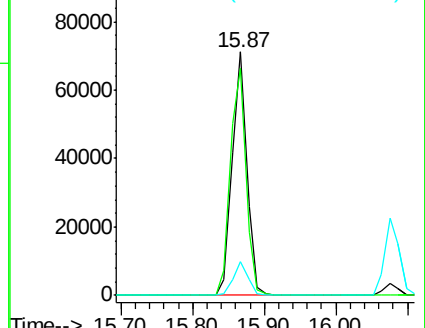
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

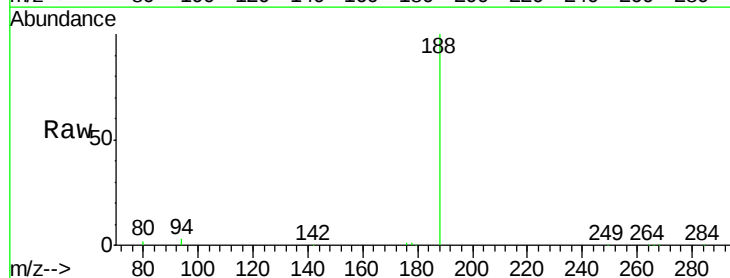
Tgt Ion:188 Resp: 69280

Ion Ratio Lower Upper

188 100

94 3.0 3.2 4.8#

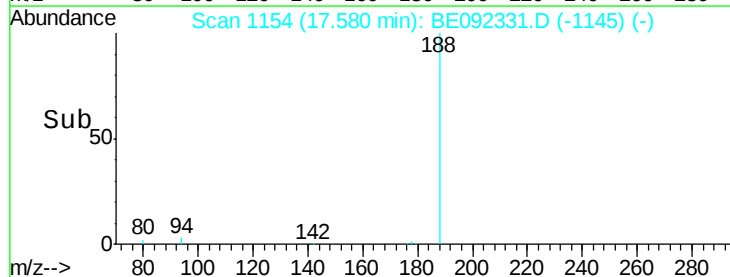
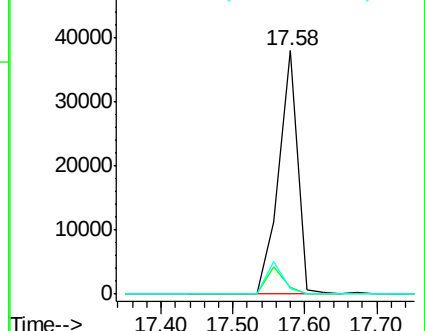
80 2.4 2.6 3.8#

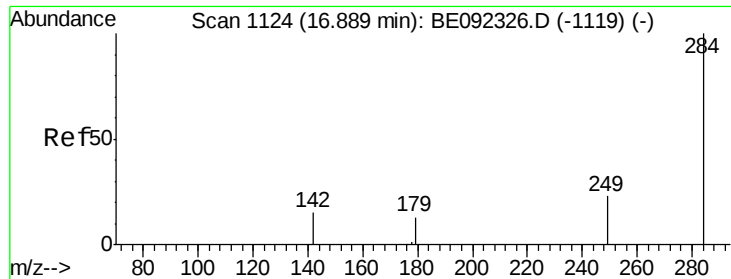


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

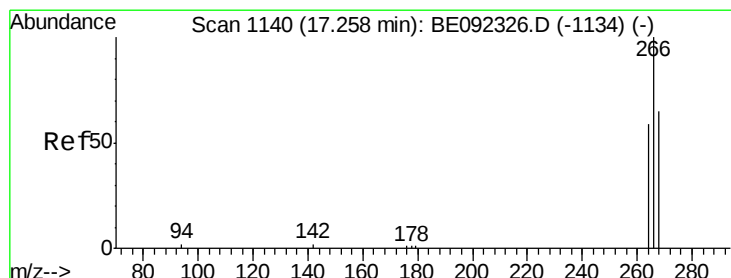
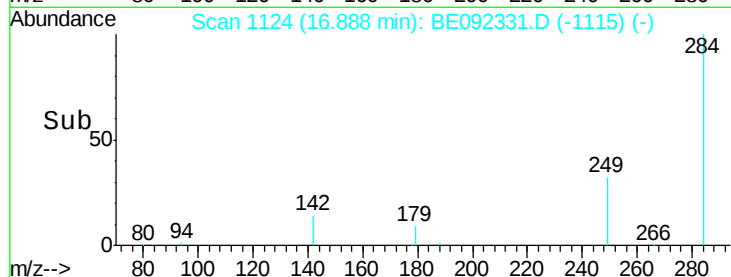
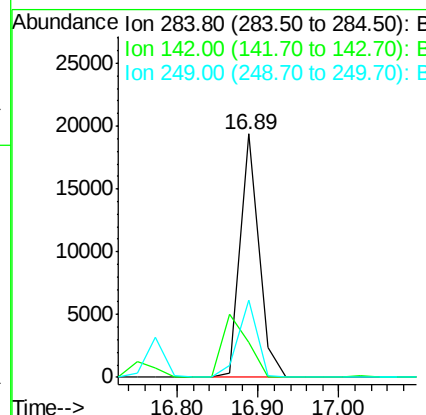
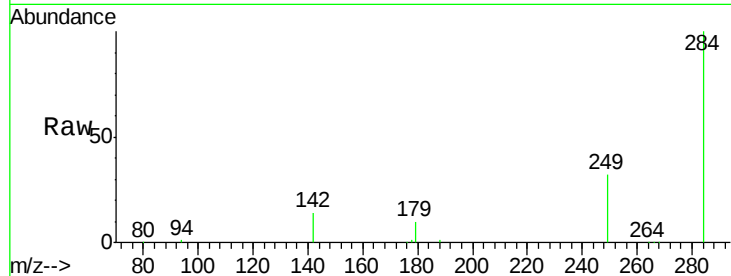




#19
Hexachlorobenzene
Concen: 10.62 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092331.D
Acq: 1 Sep 2016 16:35

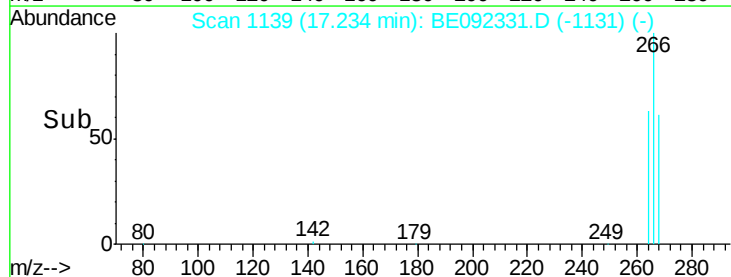
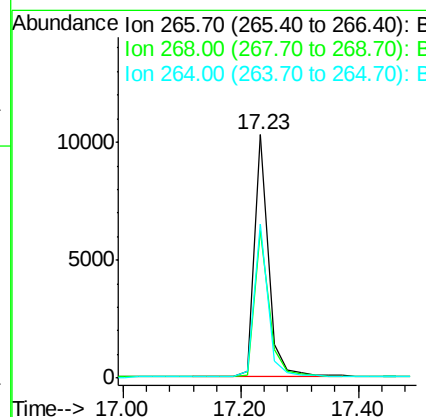
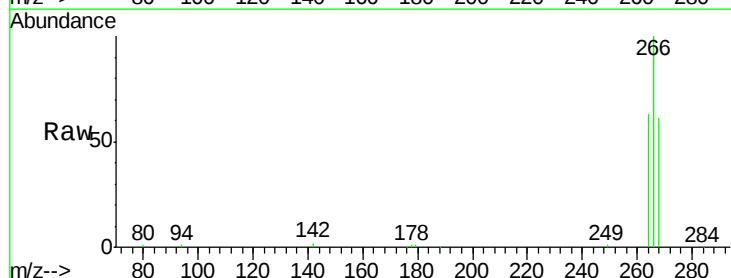
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

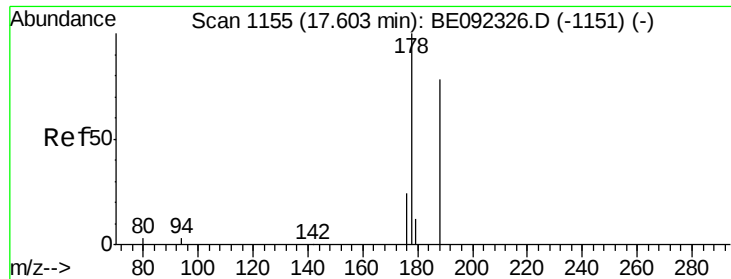
Tgt Ion: 284 Resp: 30444
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 32.3 27.9 41.9



#20
Pentachlorophenol
Concen: 24.14 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092331.D
Acq: 1 Sep 2016 16:35

Tgt Ion: 266 Resp: 17418
Ion Ratio Lower Upper
266 100
268 60.9 62.5 93.7#
264 63.1 57.2 85.8





#21

Phenanthrene

Concen: 9.98 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

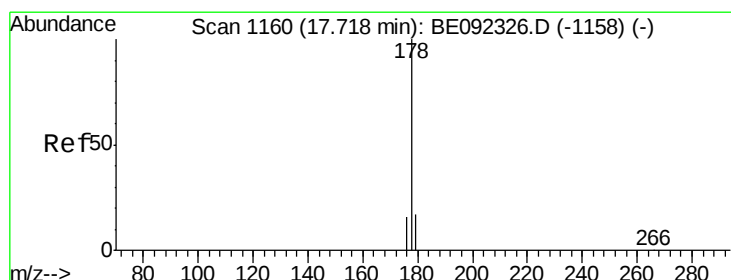
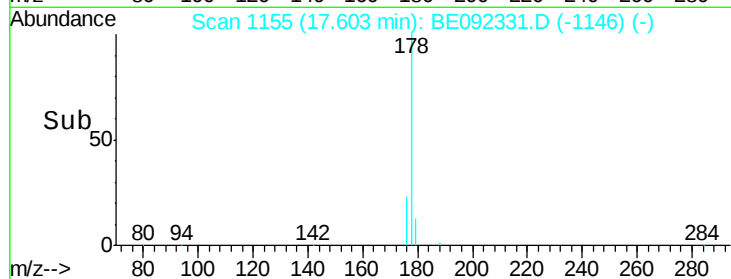
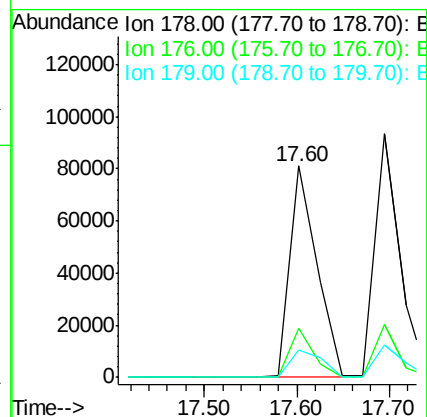
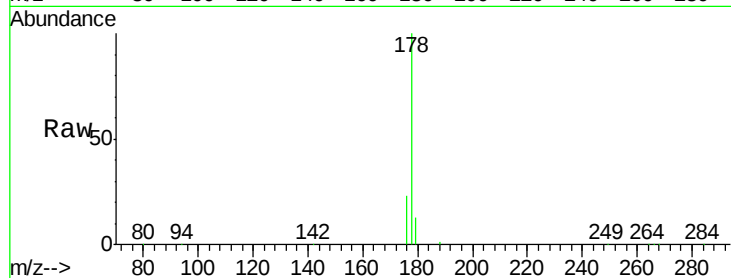
Tgt Ion:178 Resp: 163389

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

179 15.2 0.0 0.0#



#22

Anthracene

Concen: 11.29 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

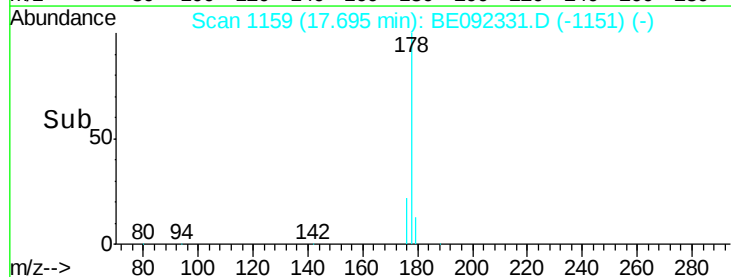
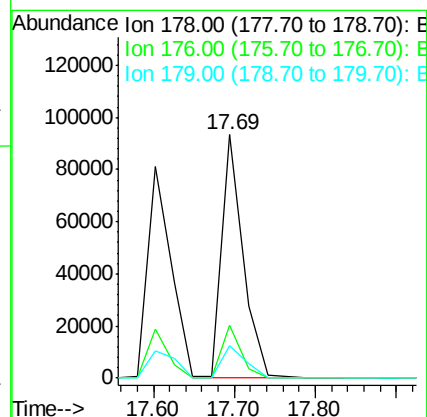
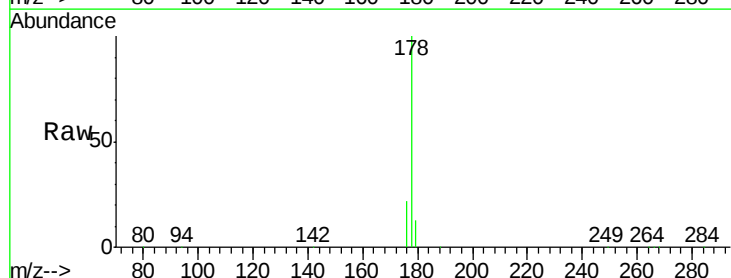
Tgt Ion:178 Resp: 170390

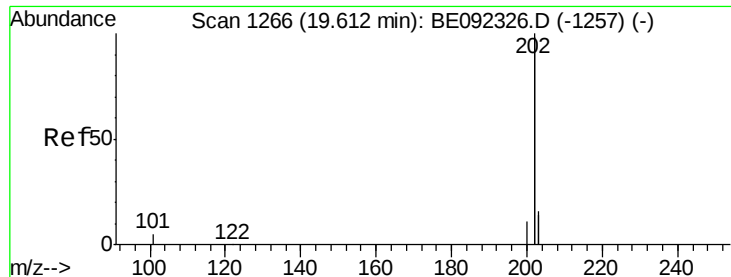
Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

179 14.9 12.2 18.2

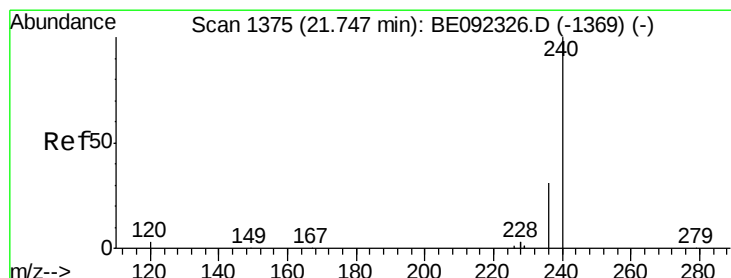
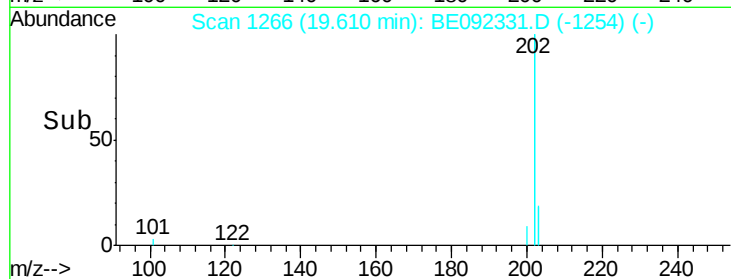
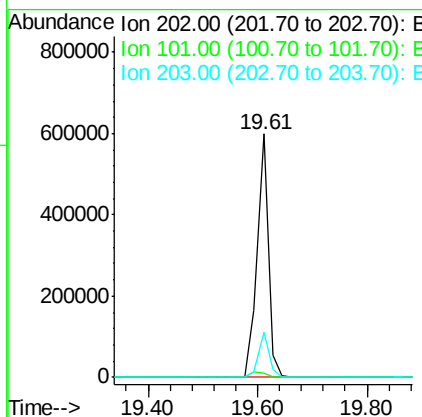
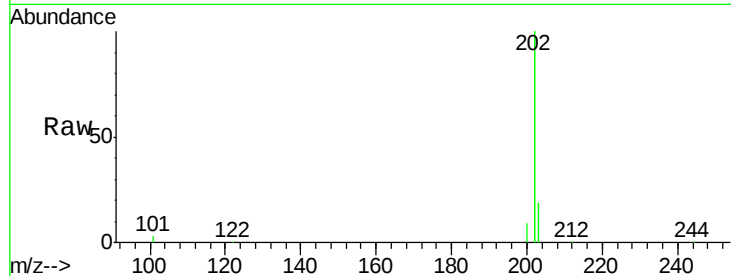




#23
 Fluoranthene
 Concen: 11.38 ng
 RT: 19.61 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

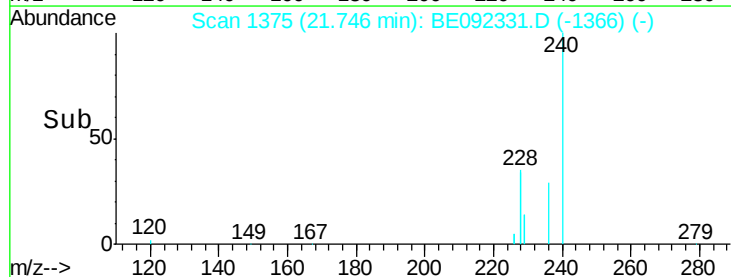
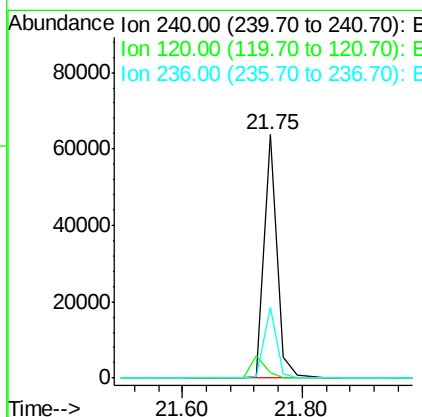
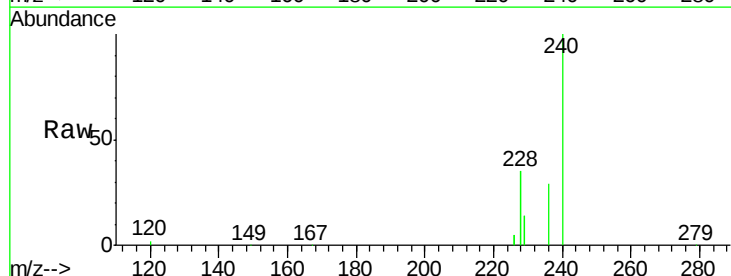
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

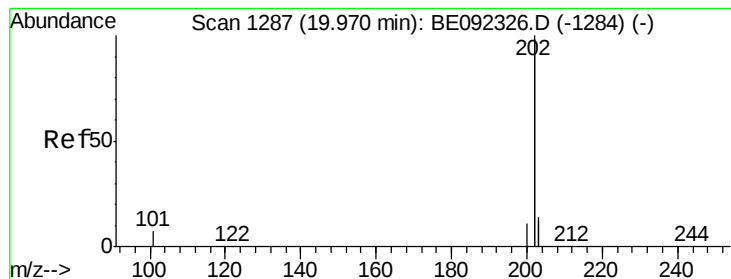
Tgt Ion: 202 Resp: 849094
 Ion Ratio Lower Upper
 202 100
 101 2.8 2.2 3.4
 203 17.5 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.75 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

Tgt Ion: 240 Resp: 96168
 Ion Ratio Lower Upper
 240 100
 120 2.4 2.6 4.0#
 236 29.3 24.6 37.0





#25

Pyrene

Concen: 10.21 ng

RT: 19.97 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDICC010

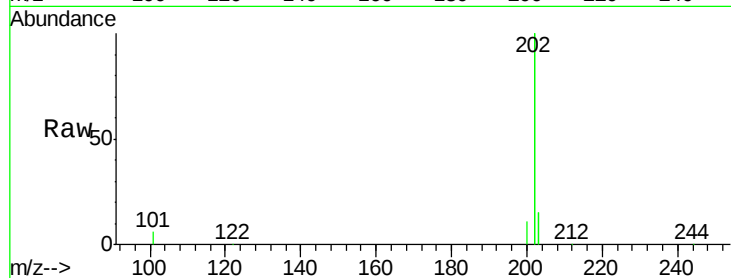
Tgt Ion:202 Resp: 906979

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

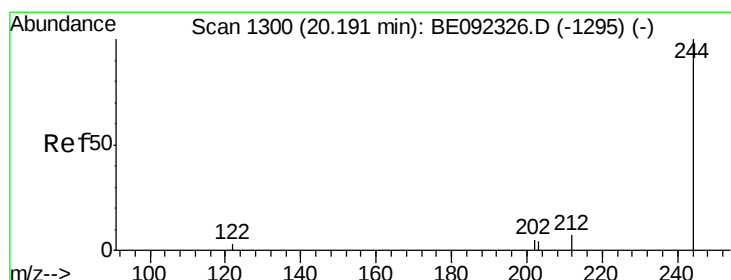
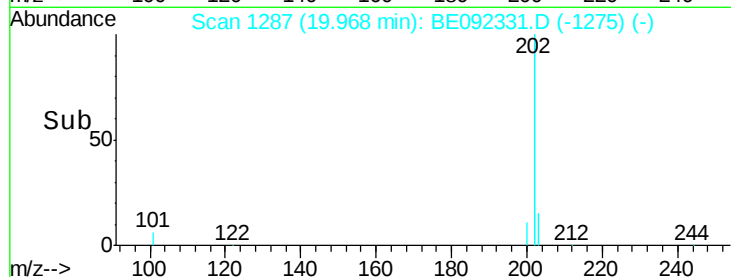
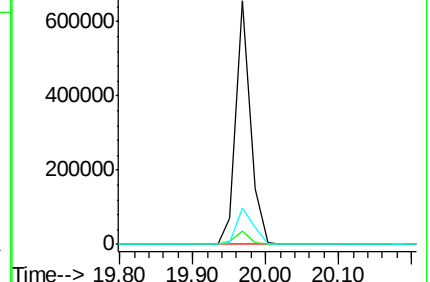
203 17.1 13.9 20.9



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: 9.99 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

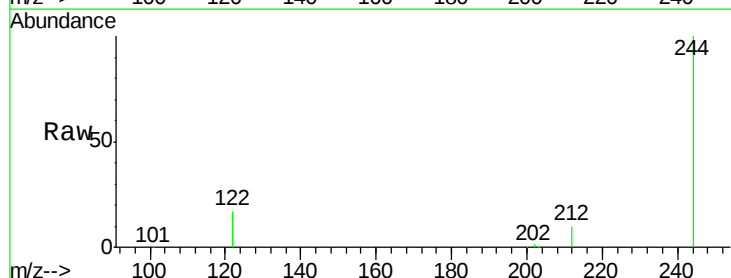
Tgt Ion:244 Resp: 129475

Ion Ratio Lower Upper

244 100

212 10.0 6.7 10.1

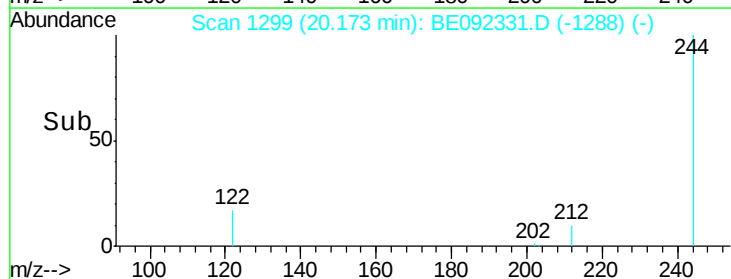
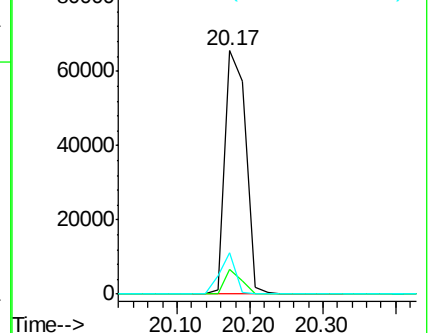
122 17.2 3.6 5.4#

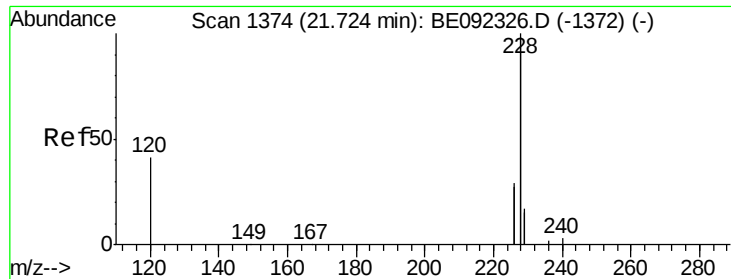


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

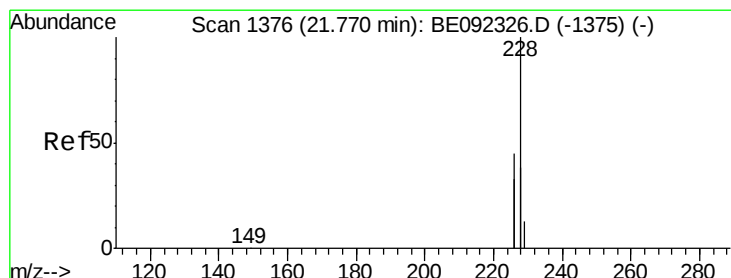
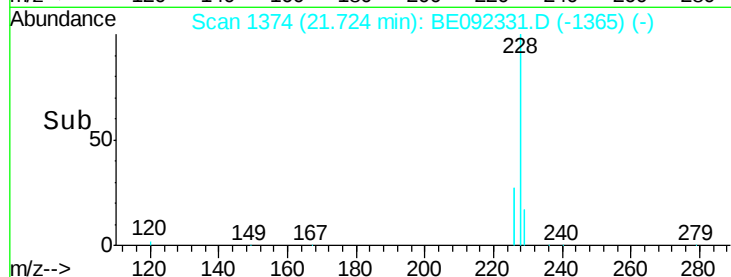
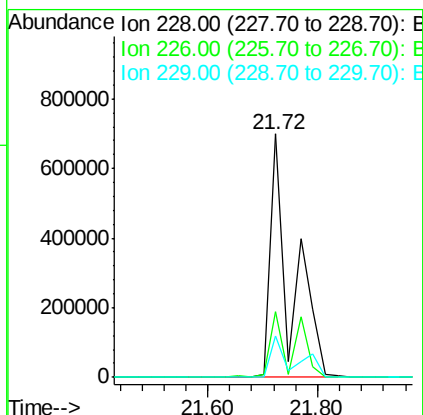
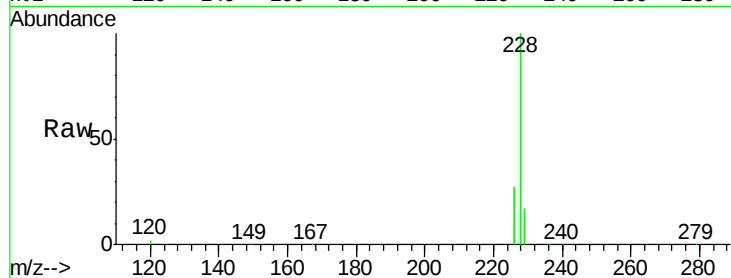




#27
Benzo(a)anthracene
Concen: 18.25 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092331.D
Acq: 1 Sep 2016 16:35

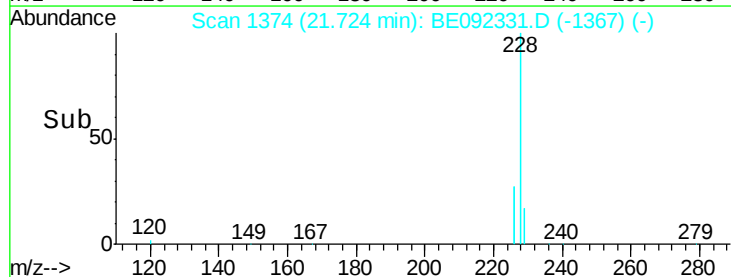
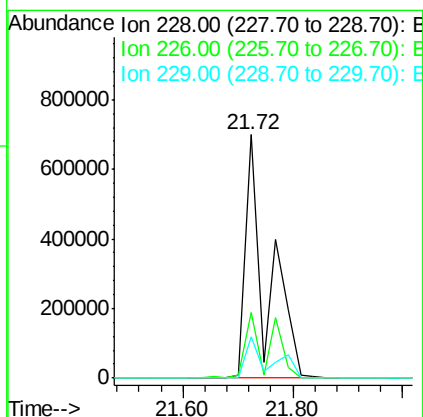
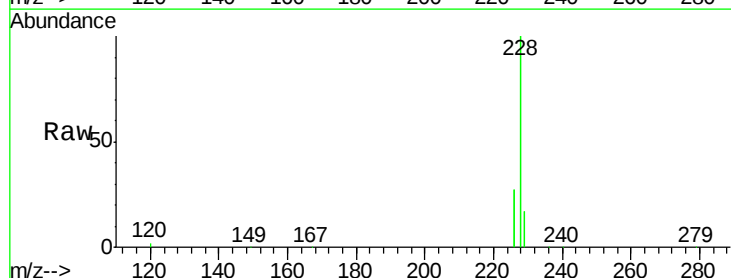
Instrument :
BNA_E
ClientSampleId :
SSTDIC010

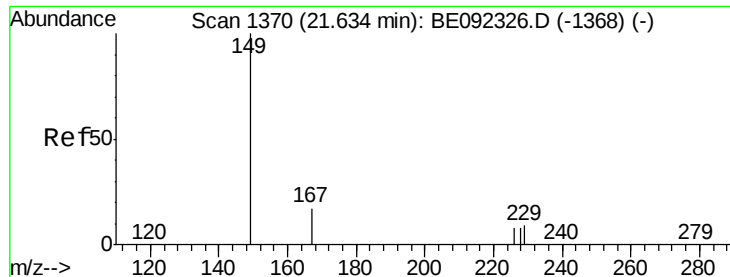
Tgt Ion:228 Resp: 1849725
Ion Ratio Lower Upper
228 100
226 26.9 23.6 35.4
229 16.8 13.3 19.9



#28
Chrysene
Concen: 20.70 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092331.D
Acq: 1 Sep 2016 16:35

Tgt Ion:228 Resp: 1855880
Ion Ratio Lower Upper
228 100
226 26.9 36.3 54.5#
229 16.8 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 15.92 ng

RT: 21.63 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

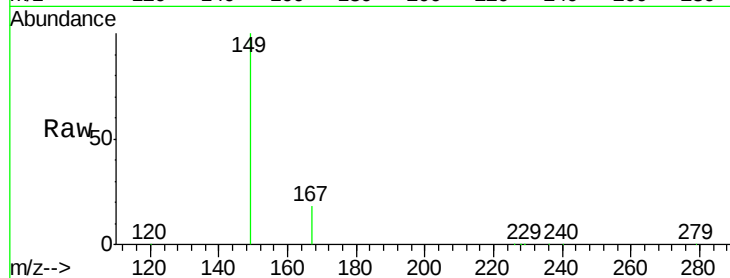
Tgt Ion:149 Resp: 109733

Ion Ratio Lower Upper

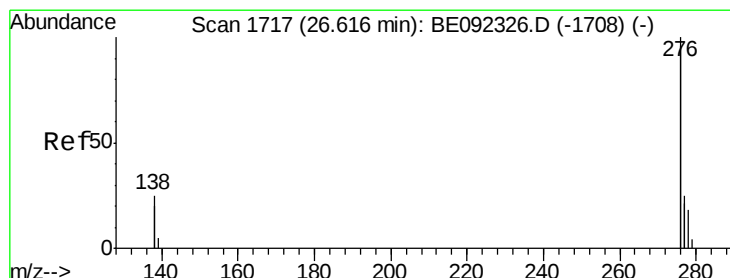
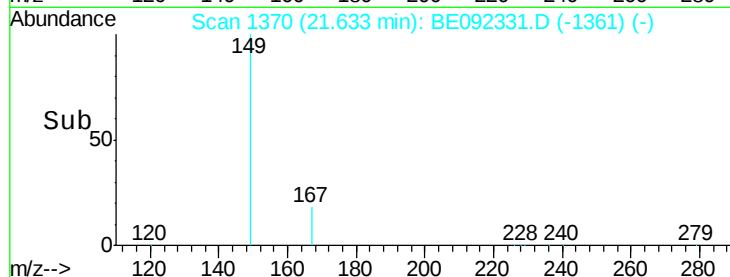
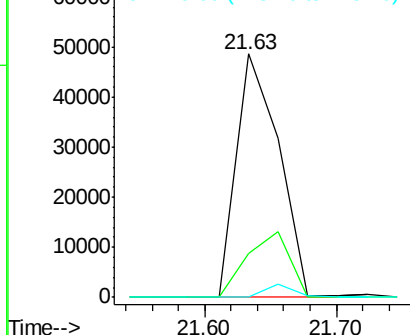
149 100

167 0.0 0.0 0.0

279 0.0 0.0 0.0



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: 10.84 ng

RT: 26.62 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

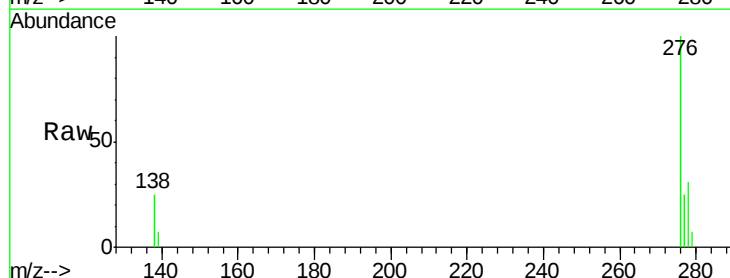
Tgt Ion:276 Resp: 1017907

Ion Ratio Lower Upper

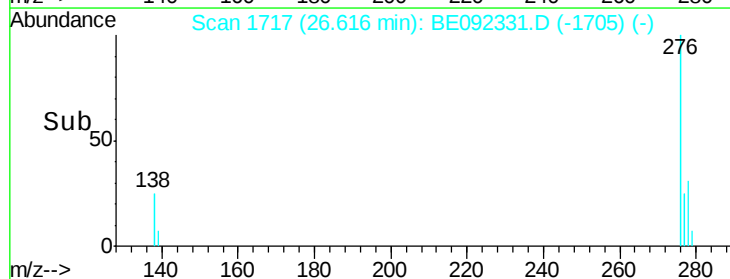
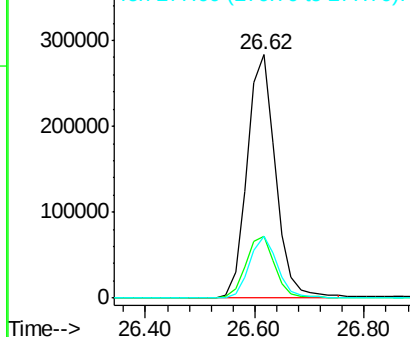
276 100

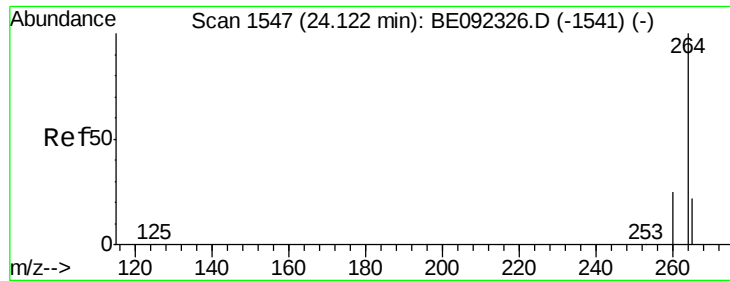
138 25.8 20.3 30.5

277 25.0 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

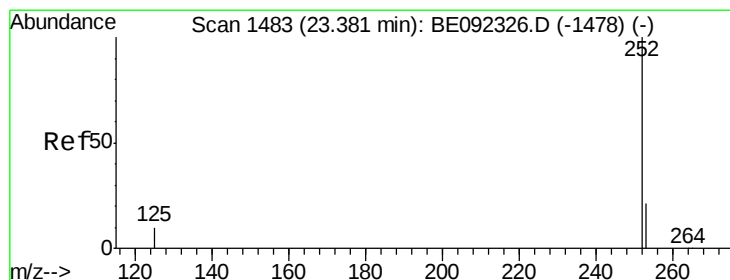
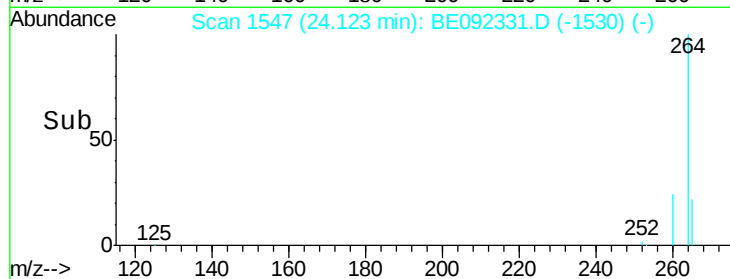
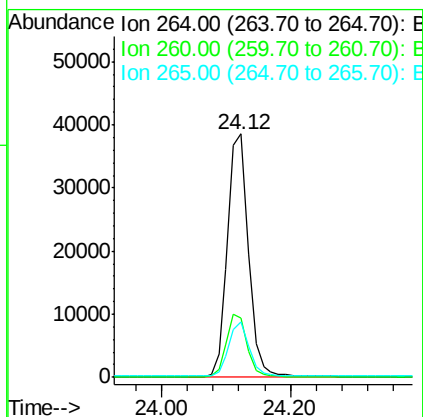
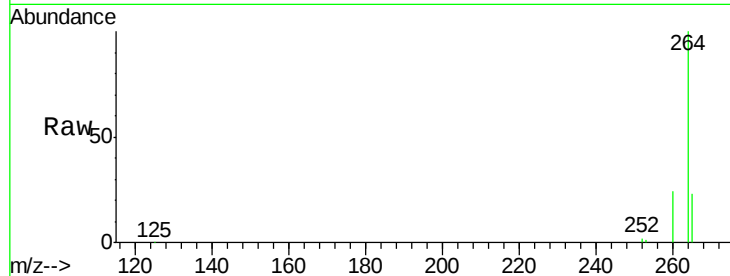




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

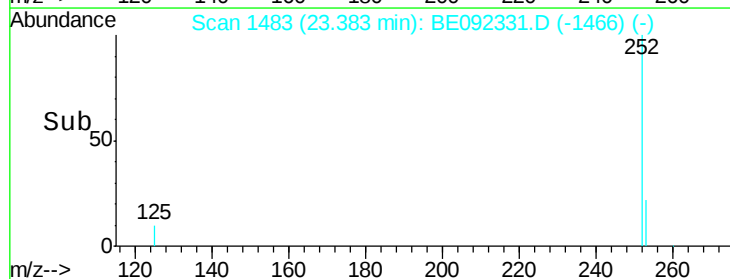
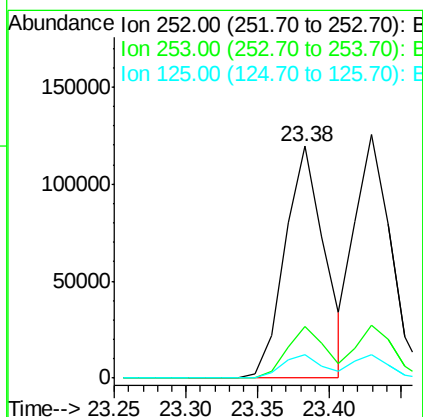
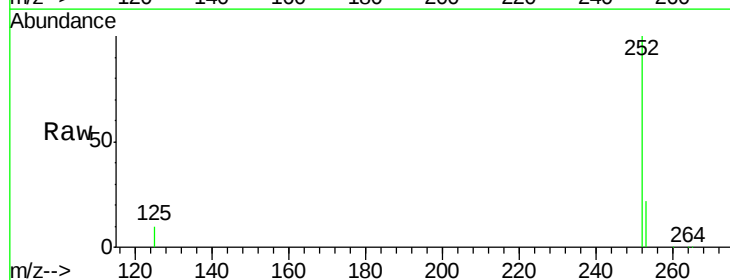
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC010

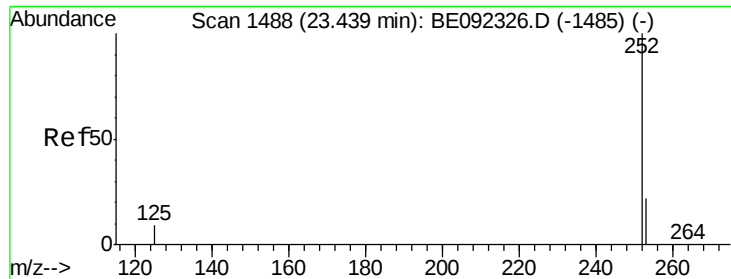
Tgt Ion: 264 Resp: 87314
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.9 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 11.10 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE092331.D
 Acq: 1 Sep 2016 16:35

Tgt Ion: 252 Resp: 229131
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.7 28.1
 125 9.9 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 9.38 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

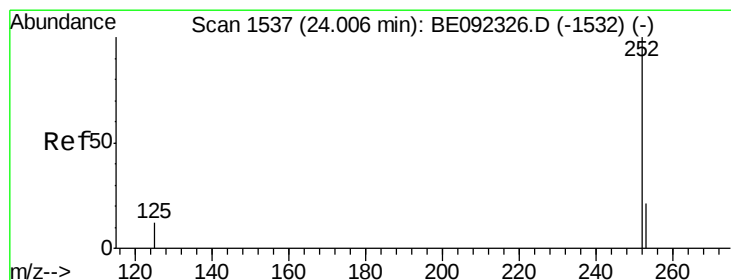
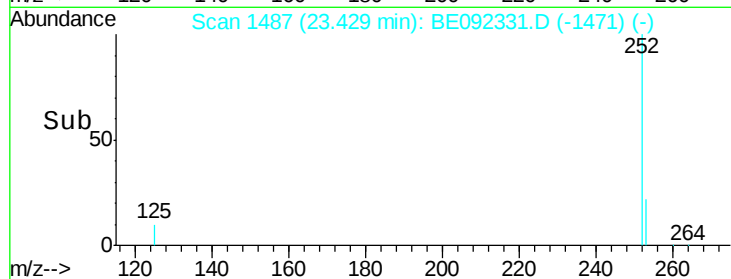
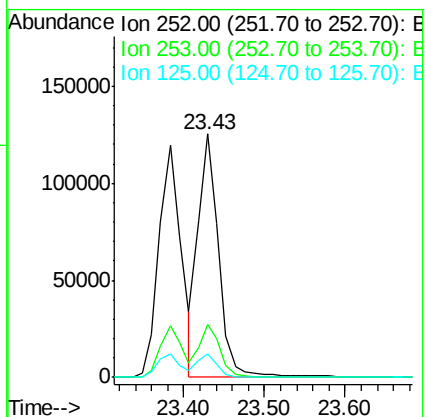
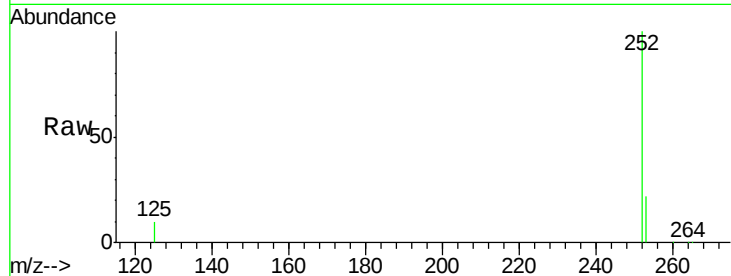
Tgt Ion:252 Resp: 220978

Ion Ratio Lower Upper

252 100

253 21.8 20.3 30.5

125 9.9 9.6 14.4



#34

Benzo(a)pyrene

Concen: 10.56 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

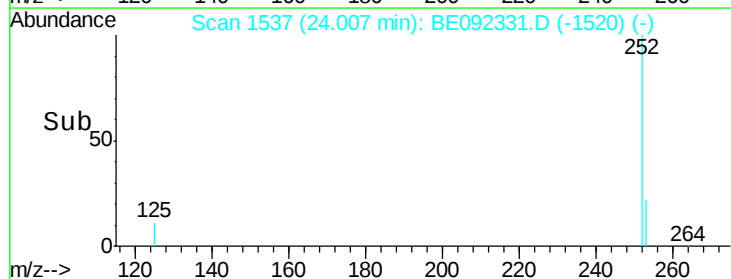
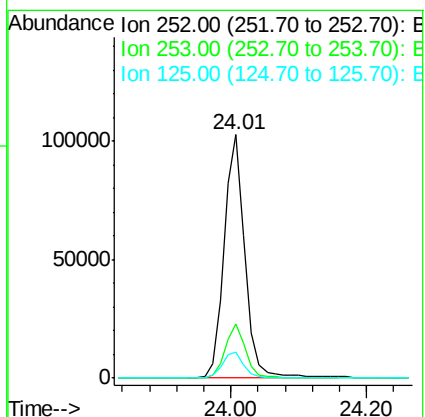
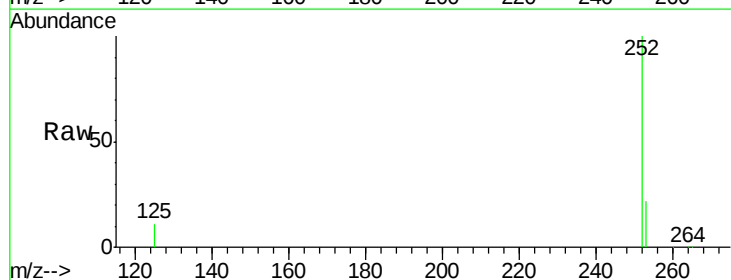
Tgt Ion:252 Resp: 220466

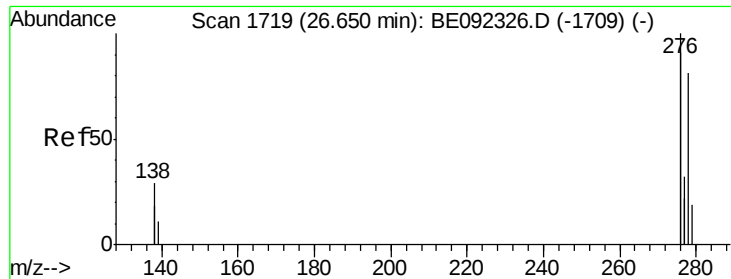
Ion Ratio Lower Upper

252 100

253 22.5 19.0 28.6

125 10.6 11.8 17.8#





#35

Dibenzo(a,h)anthracene

Concen: 11.44 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDIC010

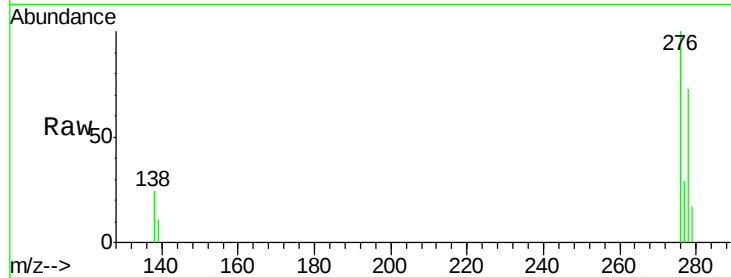
Tgt Ion: 278 Resp: 212351

Ion Ratio Lower Upper

278 100

139 15.3 13.8 20.8

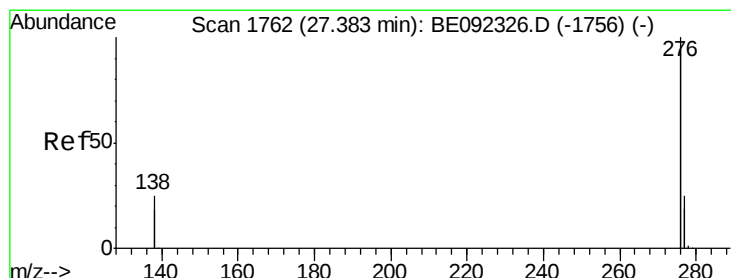
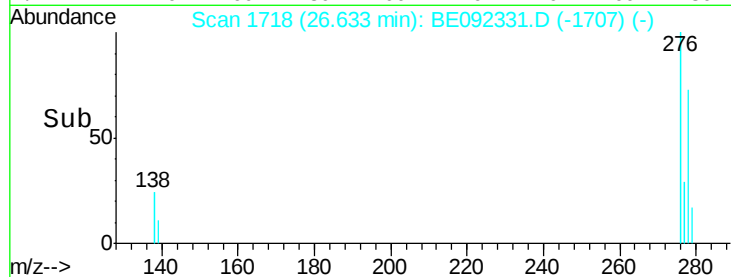
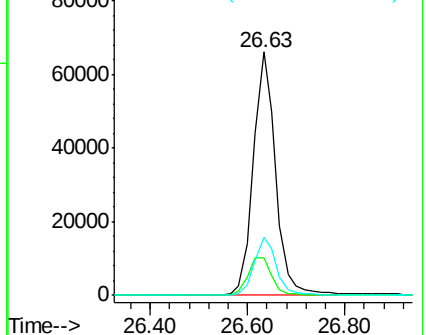
279 23.8 21.4 32.2



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: 10.49 ng

RT: 27.38 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BE092331.D

Acq: 1 Sep 2016 16:35

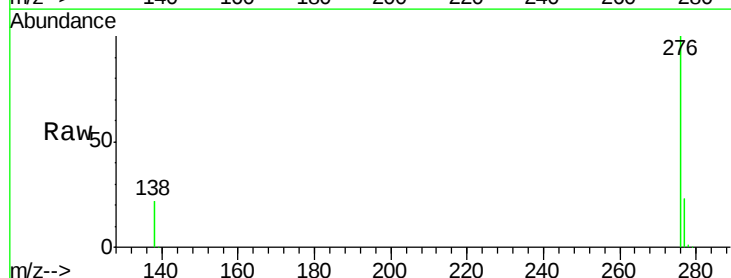
Tgt Ion: 276 Resp: 859457

Ion Ratio Lower Upper

276 100

277 23.4 19.8 29.8

138 21.5 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

