

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
 Data File : BE092238.D
 Acq On : 9 Aug 2016 21:14
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 10 04:44:17 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 04:43:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11338	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	54332	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	29636	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	72828	5.00	ng	0.00
24) Chrysene-d12	21.73	240	67770	5.00	ng	-0.02
31) Perylene-d12	24.13	264	71685	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	3893	1.57	ng	0.00
5) Phenol-d6	7.34	99	5674	1.59	ng	-0.02
8) Nitrobenzene-d5	9.34	82	5850	1.53	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	1456	1.64	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	14776	1.61	ng	-0.01
26) Terphenyl-d14	20.19	244	18998	1.66	ng	0.00

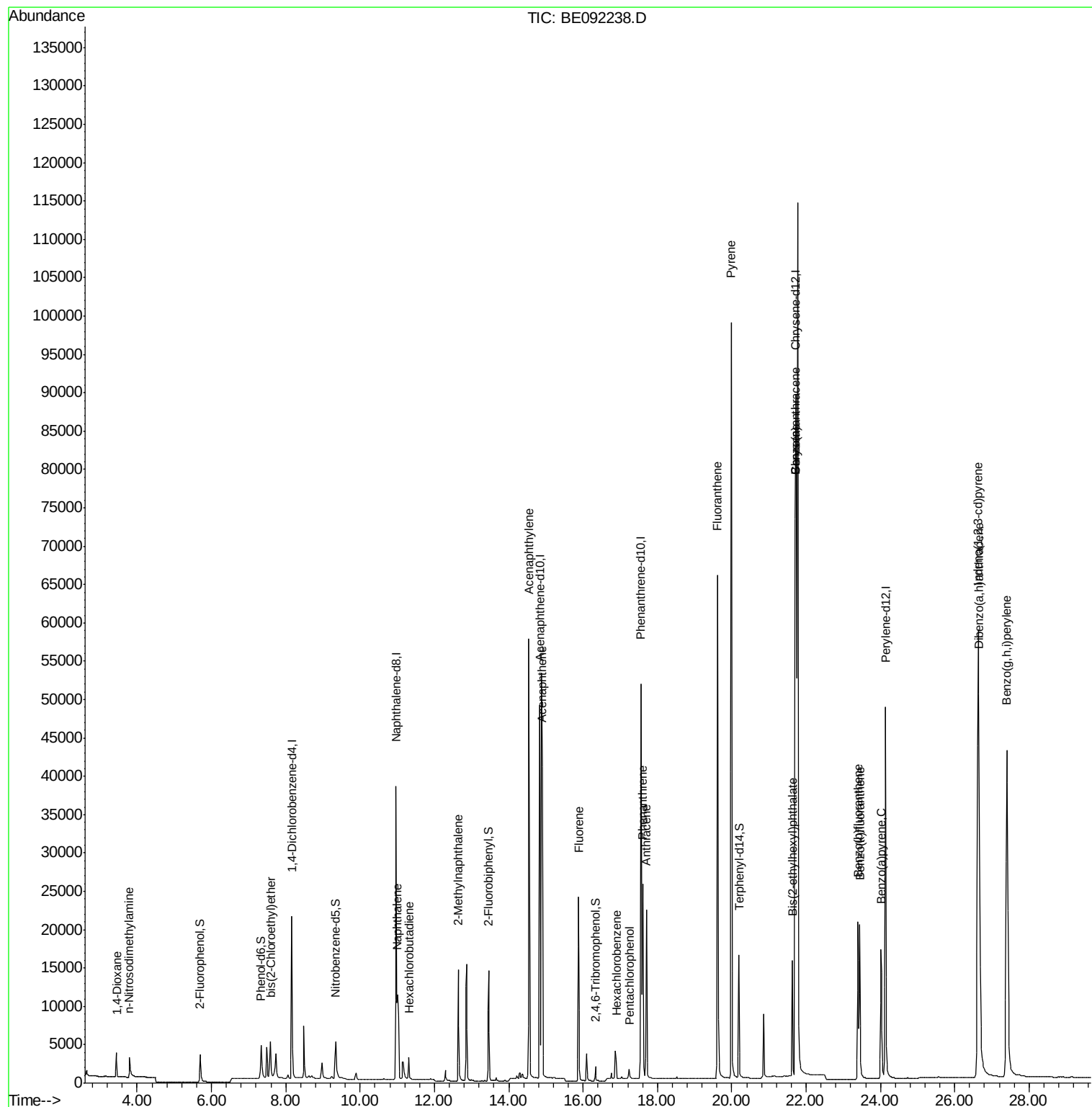
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	2169	1.50	ng	95
3) n-Nitrosodimethylamine	3.79	42	2969	1.69	ng	97
6) bis(2-Chloroethyl)ether	7.59	93	4827	1.67	ng	98
9) Naphthalene	11.01	128	18912	1.55	ng	# 94
10) Hexachlorobutadiene	11.32	225	2721	1.55	ng	98
11) 2-Methylnaphthalene	12.65	142	12095	1.59	ng	96
15) Acenaphthylene	14.54	152	82821	1.62	ng	99
16) Acenaphthene	14.90	154	12626	1.53	ng	94
17) Fluorene	15.88	166	16149	1.62	ng	99
19) Hexachlorobenzene	16.89	284	4292	1.48	ng	# 100
20) Pentachlorophenol	17.24	266	1190	1.55	ng	# 83
21) Phenanthrene	17.61	178	29491	1.57	ng	99
22) Anthracene	17.70	178	27747	1.62	ng	99
23) Fluoranthene	19.61	202	118321	1.58	ng	99
25) Pyrene	19.99	202	126690	1.58	ng	99
27) Benzo(a)anthracene	21.70	228	128475	1.58	ng	# 60
28) Chrysene	21.70	228	128481	1.70	ng	# 66
29) Bis(2-ethylhexyl)phthalate	21.64	149	16705	1.60	ng	# 99
30) Indeno(1,2,3-cd)pyrene	26.63	276	131681	1.63	ng	100
32) Benzo(b)fluoranthene	23.39	252	29781	1.58	ng	96
33) Benzo(k)fluoranthene	23.44	252	31370	1.61	ng	95
34) Benzo(a)pyrene	24.02	252	28367	1.60	ng	93
35) Dibenzo(a,h)anthracene	26.65	278	26878	1.63	ng	95
36) Benzo(g,h,i)perylene	27.40	276	112589	1.59	ng	96

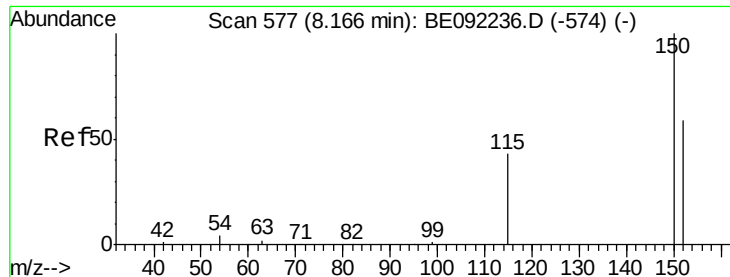
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

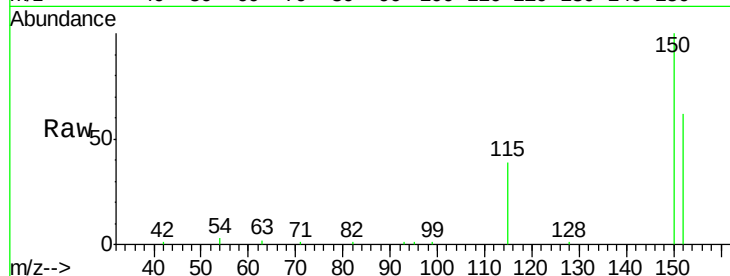
Tgt Ion:152 Resp: 11338

Ion Ratio Lower Upper

152 100

150 160.9 135.6 203.4

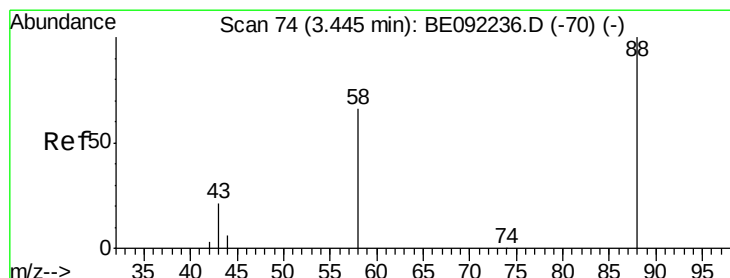
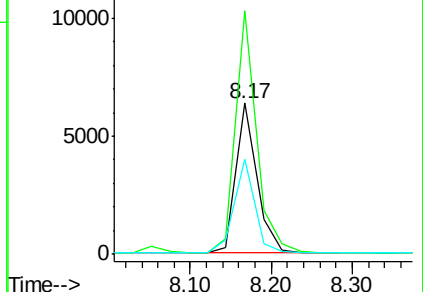
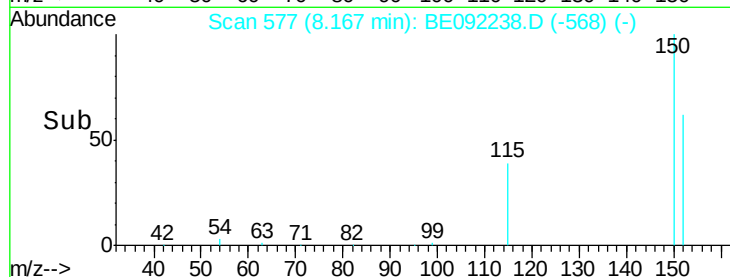
115 62.9 59.4 89.0



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: 1.50 ng

RT: 3.44 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

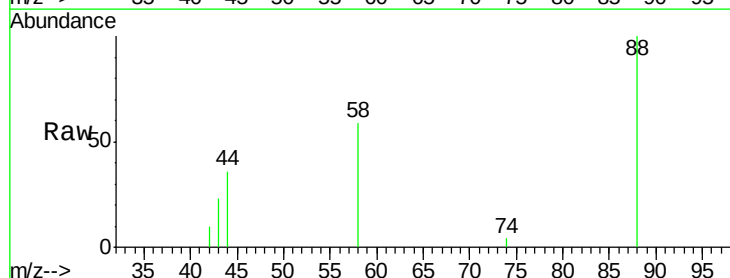
Tgt Ion: 88 Resp: 2169

Ion Ratio Lower Upper

88 100

58 84.6 64.4 96.6

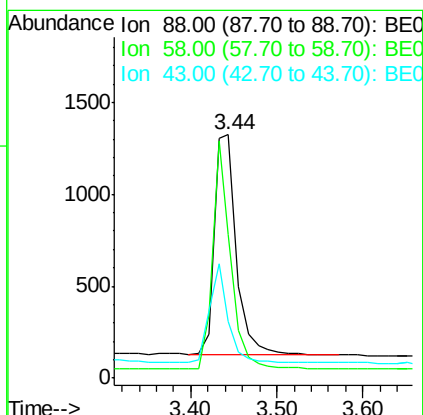
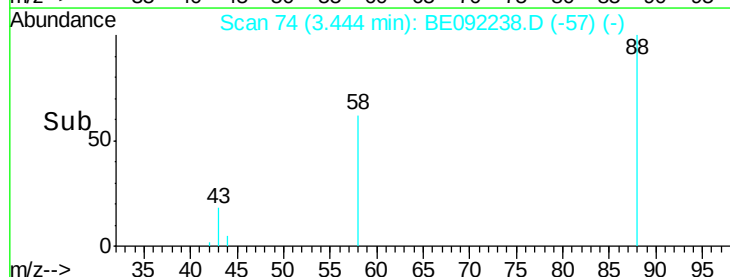
43 37.9 33.4 50.2

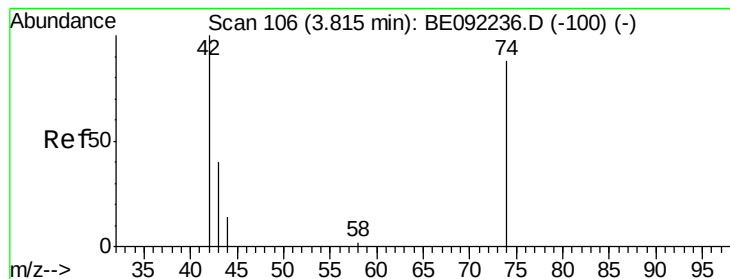


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.69 ng

RT: 3.79 min Scan# 104

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

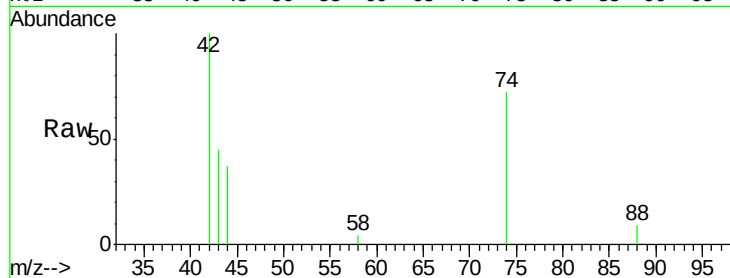
Tgt Ion: 42 Resp: 2969

Ion Ratio Lower Upper

42 100

74 99.4 77.2 115.8

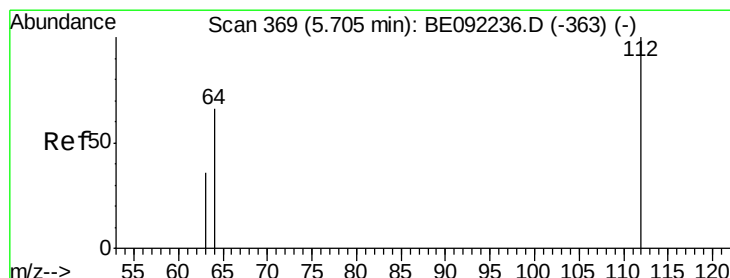
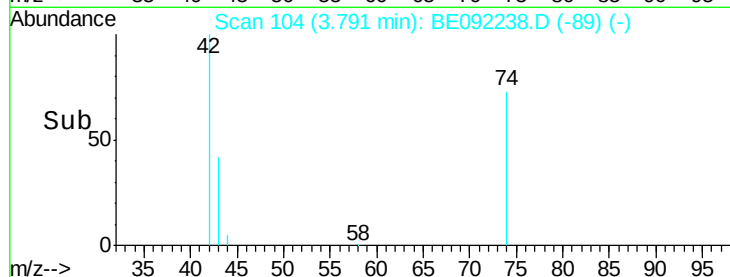
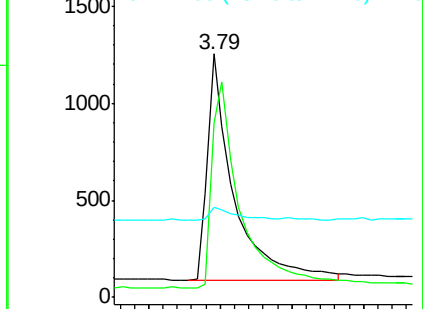
44 5.7 5.0 7.4



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: 1.57 ng

RT: 5.70 min Scan# 368

Delta R.T. -0.01 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

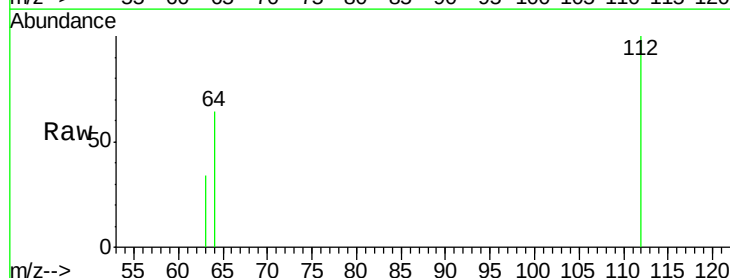
Tgt Ion: 112 Resp: 3893

Ion Ratio Lower Upper

112 100

64 66.4 53.2 79.8

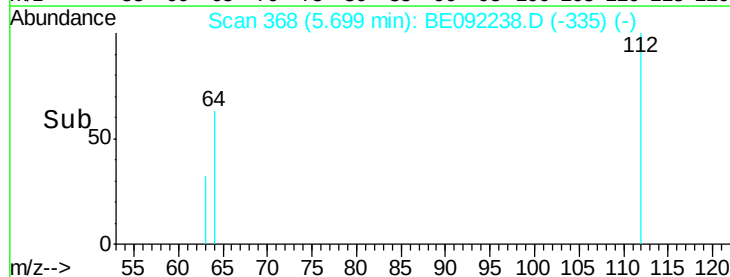
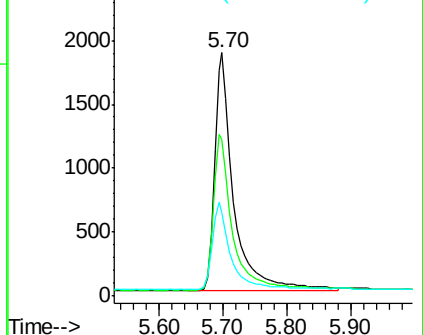
63 36.0 27.4 41.2

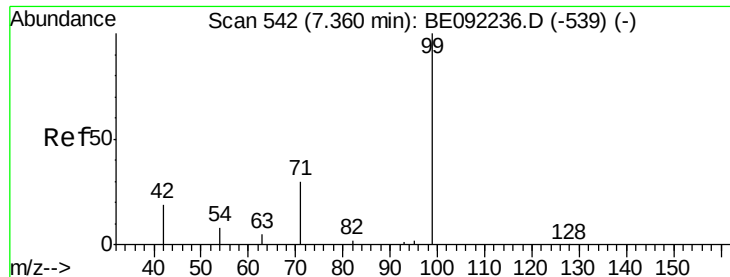


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.59 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

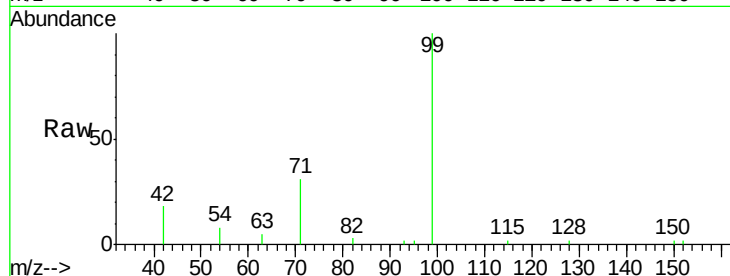
Tgt Ion: 99 Resp: 5674

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

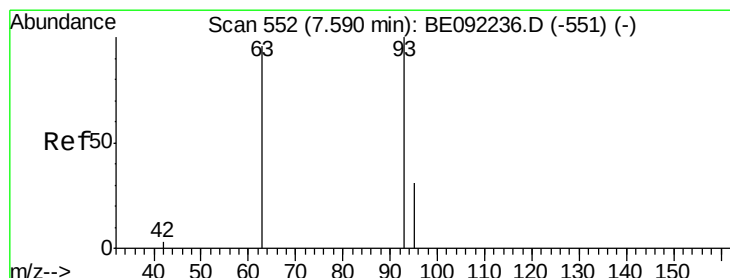
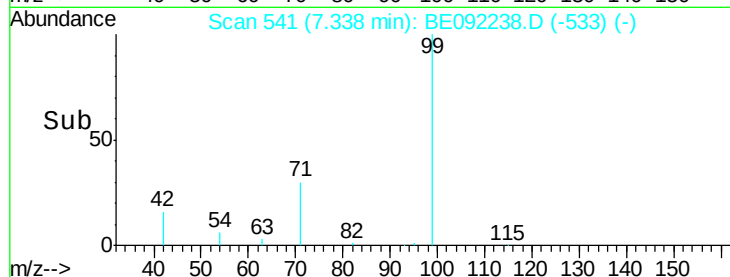
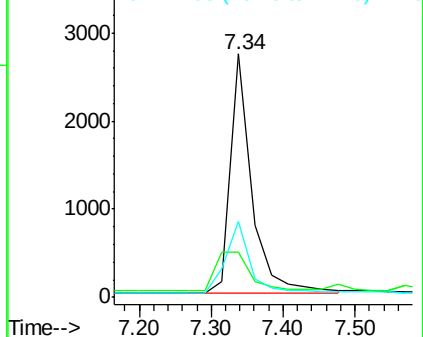
71 34.0 29.8 44.8



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: 1.67 ng

RT: 7.59 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

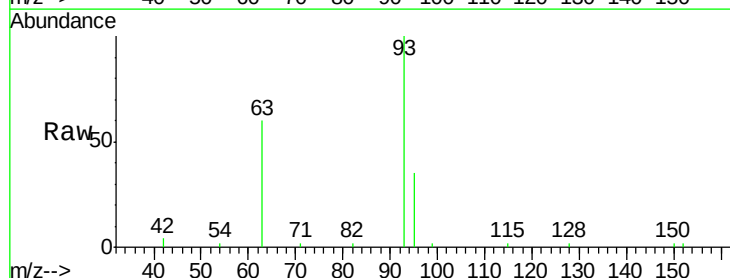
Tgt Ion: 93 Resp: 4827

Ion Ratio Lower Upper

93 100

63 83.9 68.5 102.7

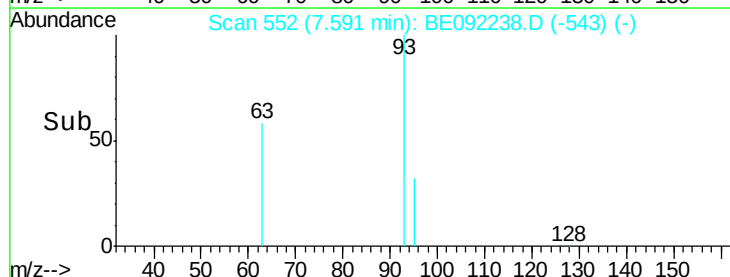
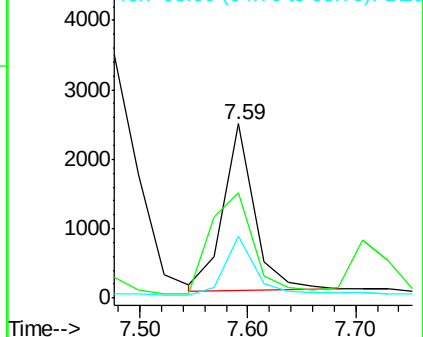
95 34.7 27.2 40.8

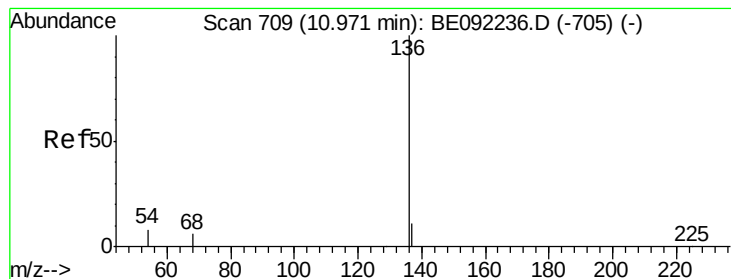


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 54332

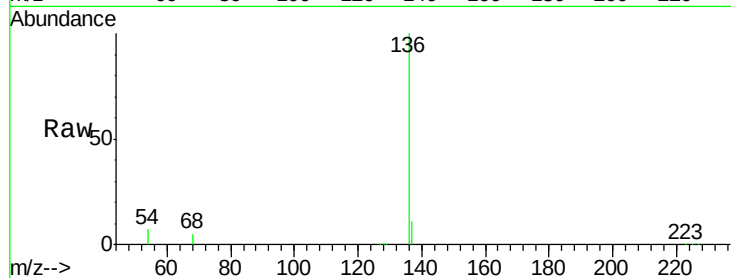
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.1 6.2 9.4

68 5.3 4.6 6.8

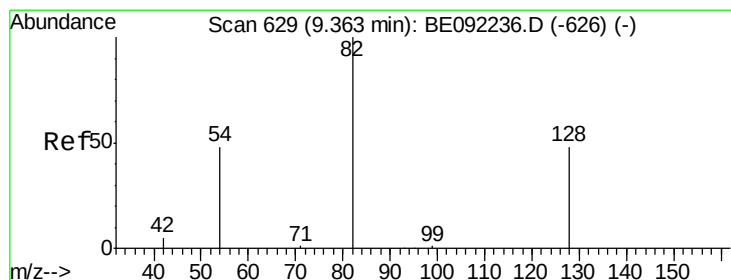
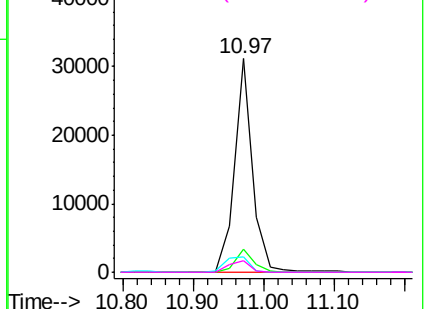
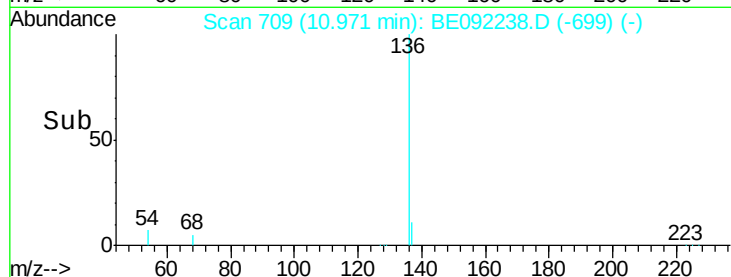


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.53 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

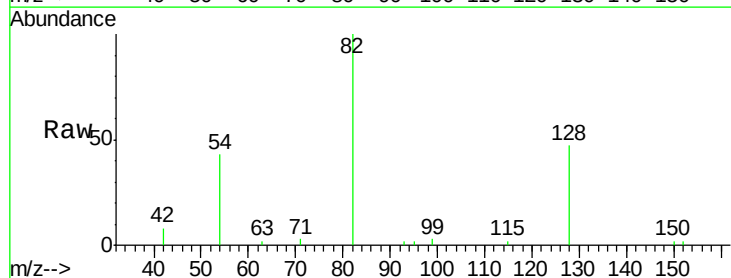
Tgt Ion: 82 Resp: 5850

Ion Ratio Lower Upper

82 100

128 47.1 45.0 67.4

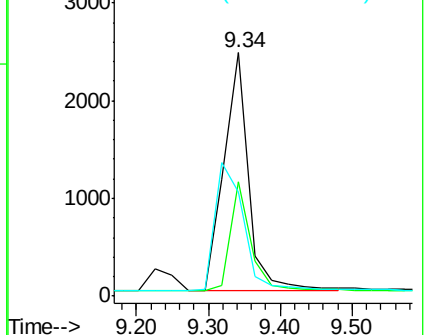
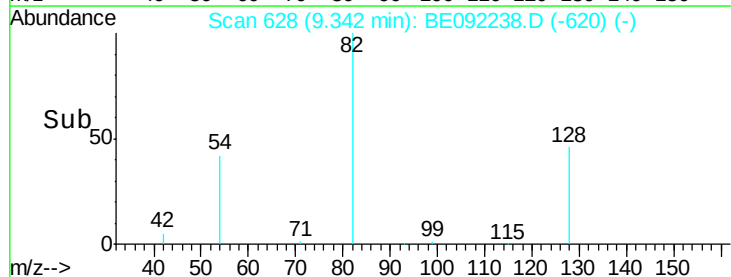
54 42.8 45.4 68.2#

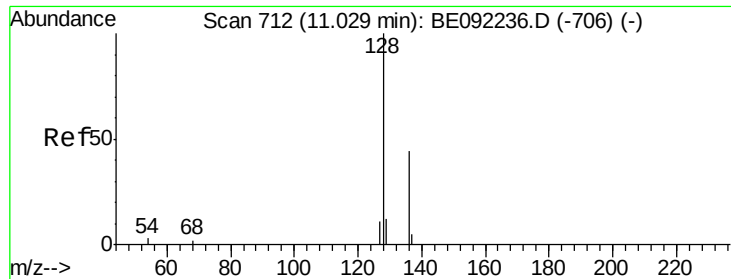


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

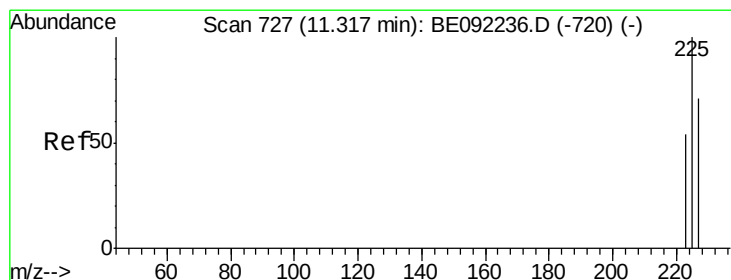
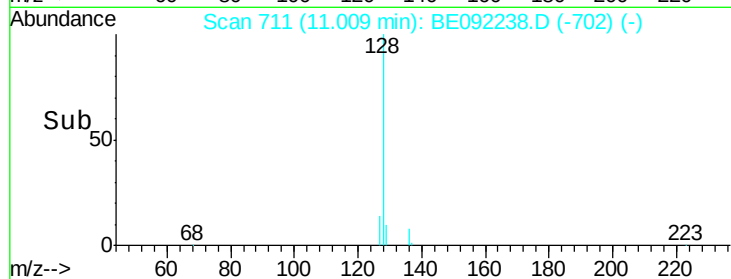
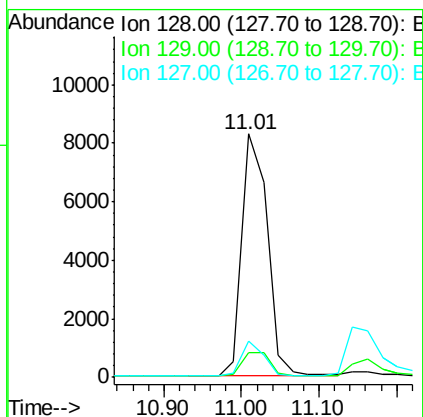
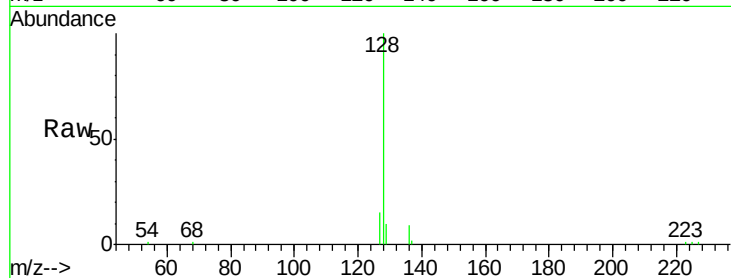




#9
Naphthalene
Concen: 1.55 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092238.D
Acq: 9 Aug 2016 21:14

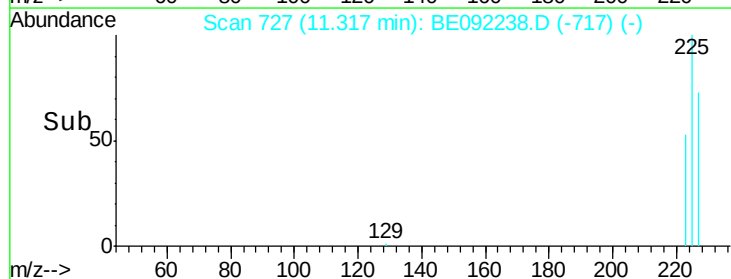
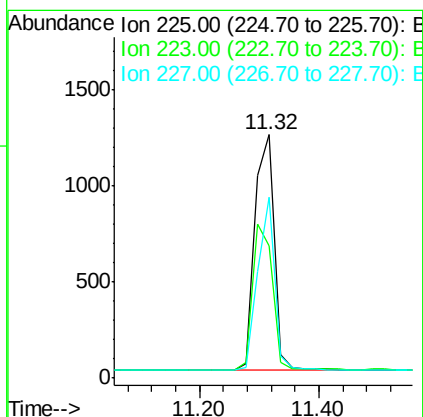
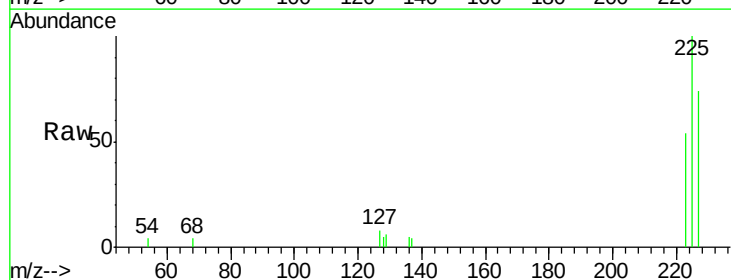
Instrument :
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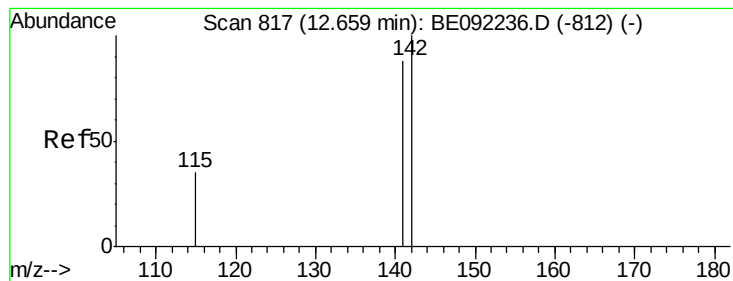
Tgt Ion:128 Resp: 18912
Ion Ratio Lower Upper
128 100
129 10.4 11.5 17.3#
127 14.8 11.0 16.6



#10
Hexachlorobutadiene
Concen: 1.55 ng
RT: 11.32 min Scan# 727
Delta R.T. -0.00 min
Lab File: BE092238.D
Acq: 9 Aug 2016 21:14

Tgt Ion:225 Resp: 2721
Ion Ratio Lower Upper
225 100
223 62.5 52.2 78.4
227 63.9 51.0 76.6





#11

2-Methylnaphthalene

Concen: 1.59 ng

RT: 12.65 min Scan# 816

Delta R.T. -0.01 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

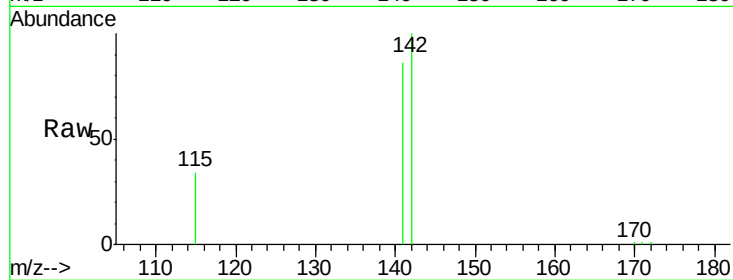
Tgt Ion:142 Resp: 12095

Ion Ratio Lower Upper

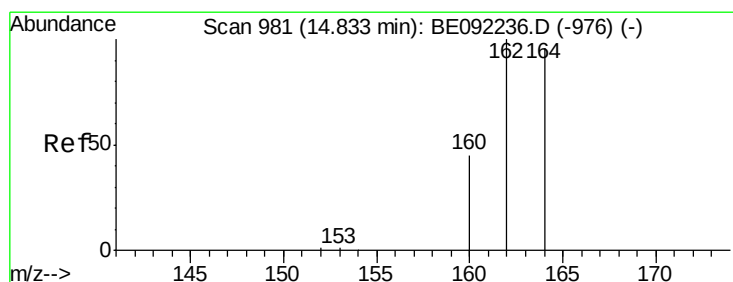
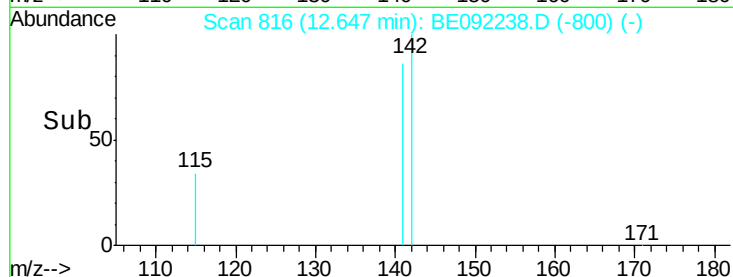
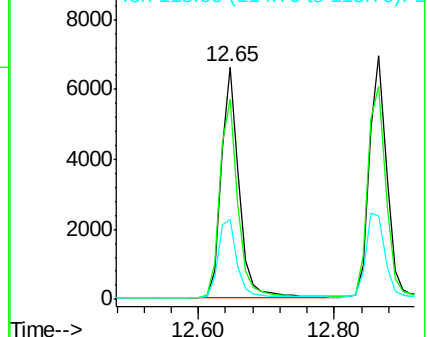
142 100

141 85.8 70.6 105.8

115 34.1 31.0 46.4



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: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

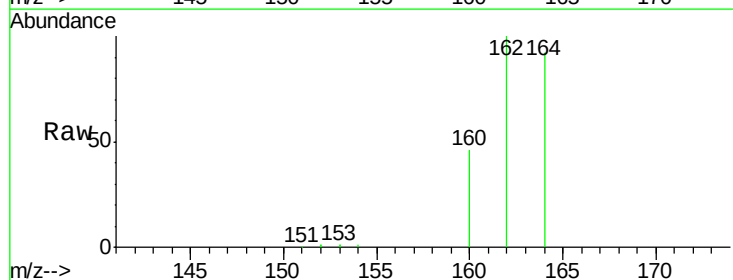
Tgt Ion:164 Resp: 29636

Ion Ratio Lower Upper

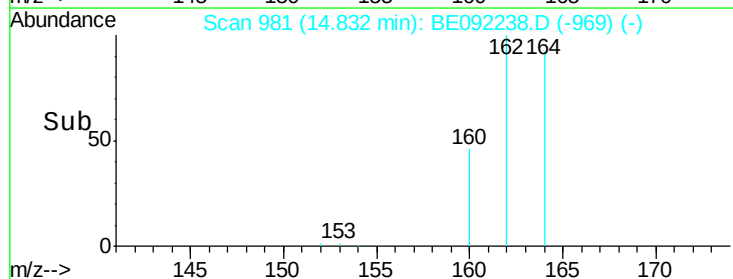
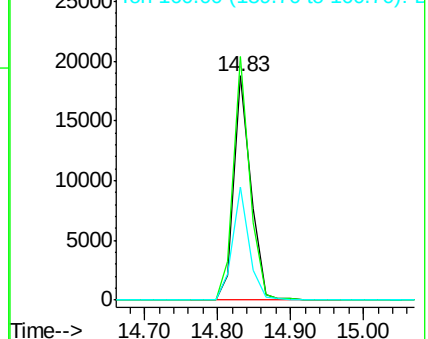
164 100

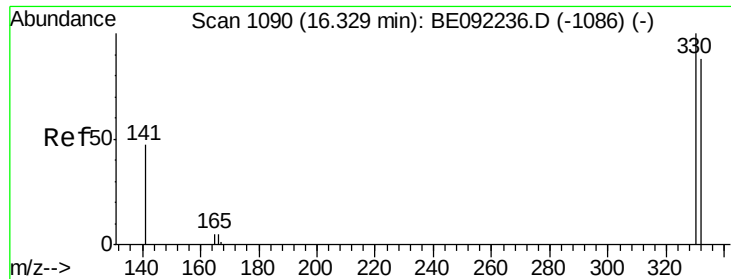
162 108.6 83.3 124.9

160 50.5 38.0 57.0



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

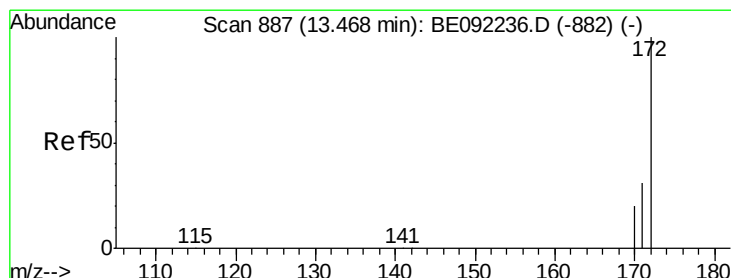
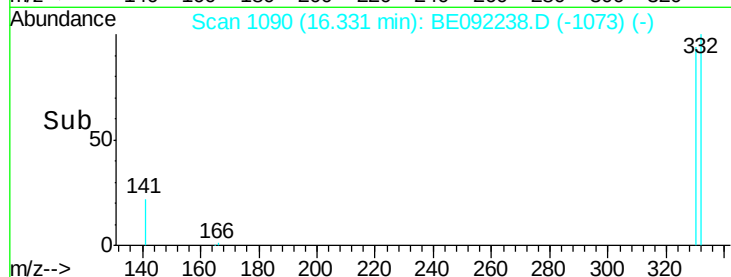
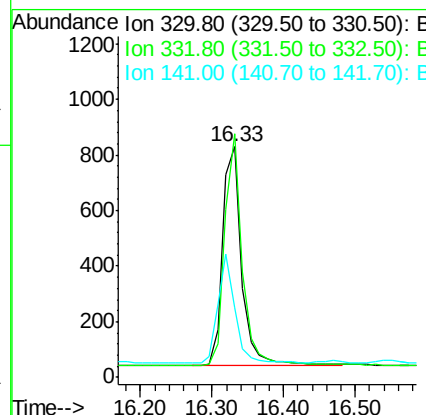
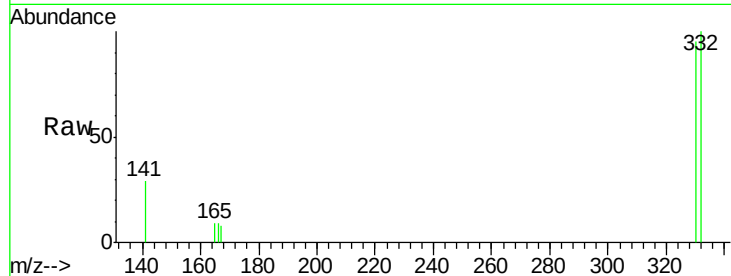




#13
 2,4,6-Tribromophenol
 Concen: 1.64 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

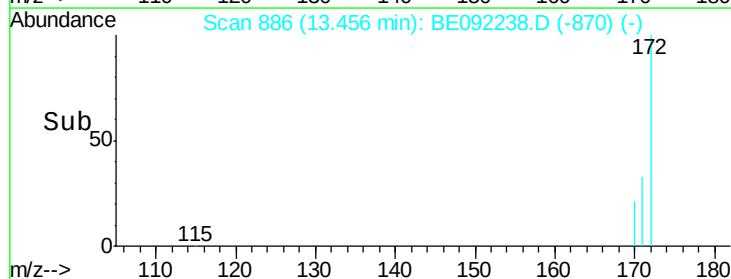
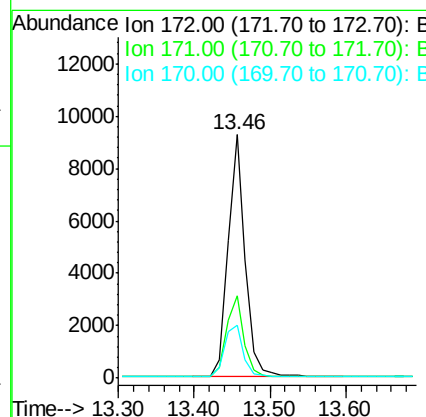
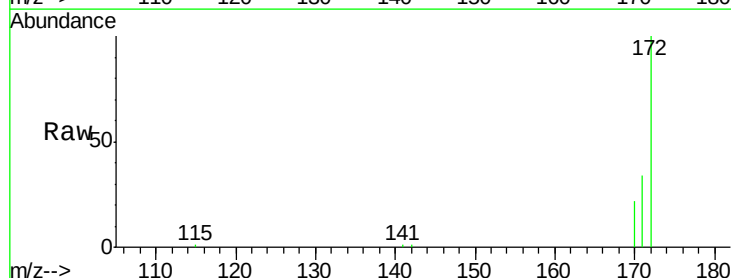
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

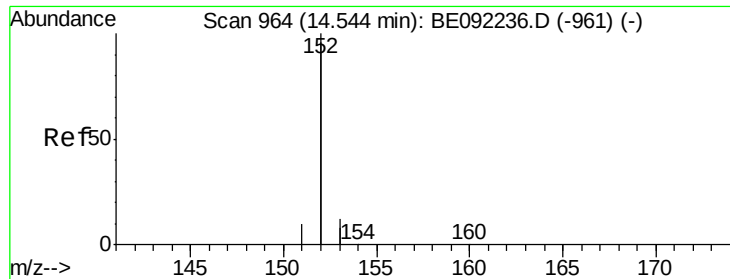
Tgt Ion: 330 Resp: 1456
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.4 113.0
 141 44.4 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 1.61 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

Tgt Ion: 172 Resp: 14776
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.8 40.2
 170 21.6 17.8 26.6

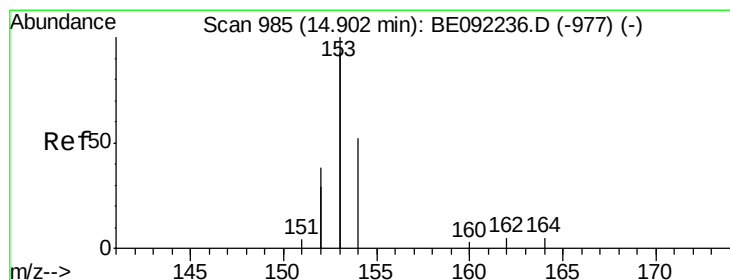
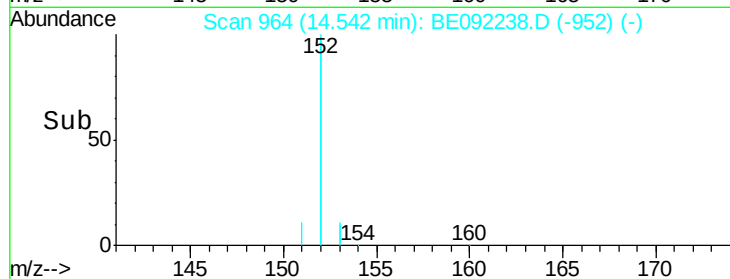
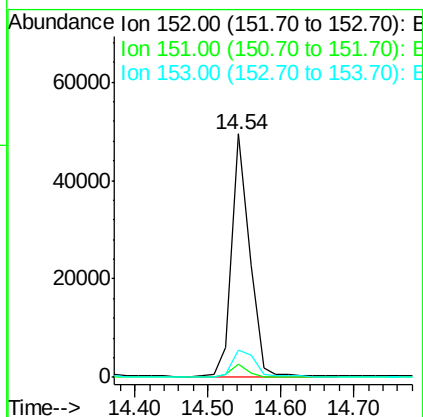
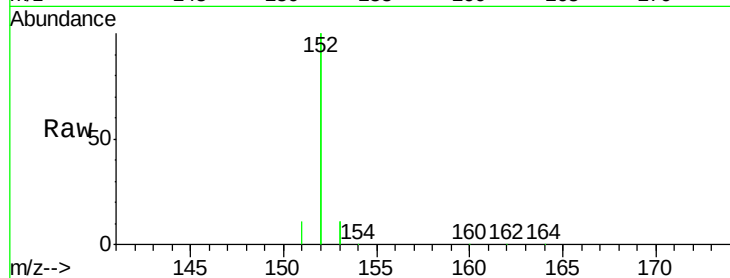




#15
Acenaphthylene
Concen: 1.62 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092238.D
Acq: 9 Aug 2016 21:14

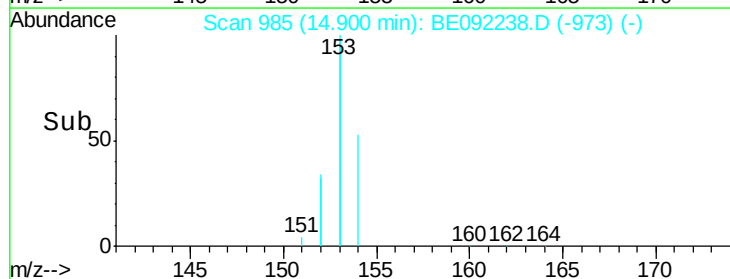
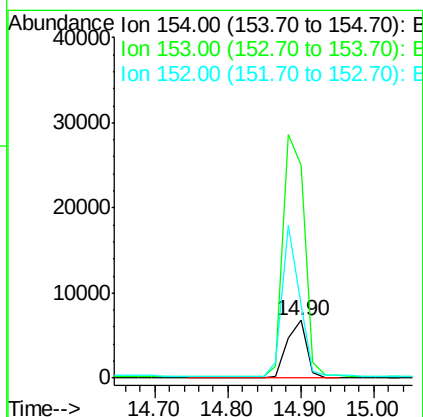
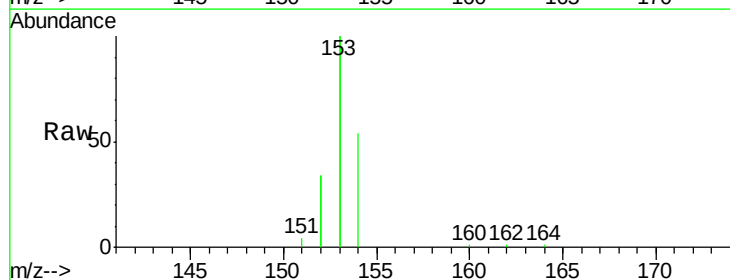
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

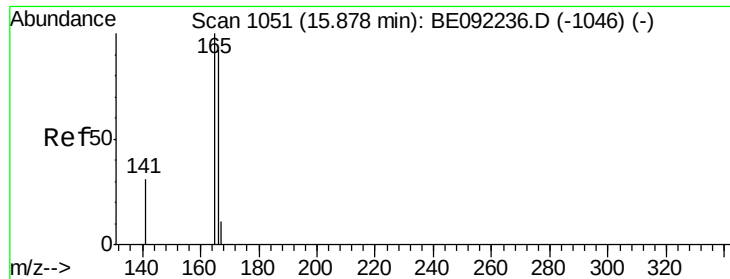
Tgt Ion:152 Resp: 82821
Ion Ratio Lower Upper
152 100
151 4.9 3.8 5.8
153 13.1 10.2 15.2



#16
Acenaphthene
Concen: 1.53 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092238.D
Acq: 9 Aug 2016 21:14

Tgt Ion:154 Resp: 12626
Ion Ratio Lower Upper
154 100
153 459.7 355.0 532.4
152 231.2 179.7 269.5

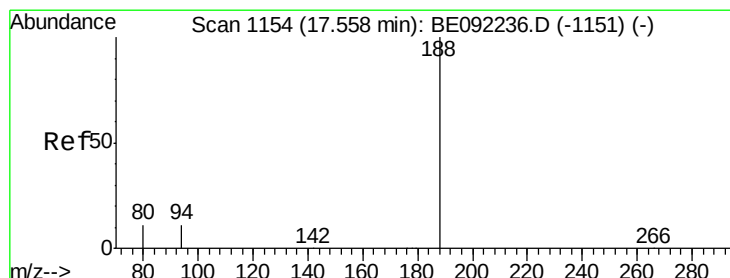
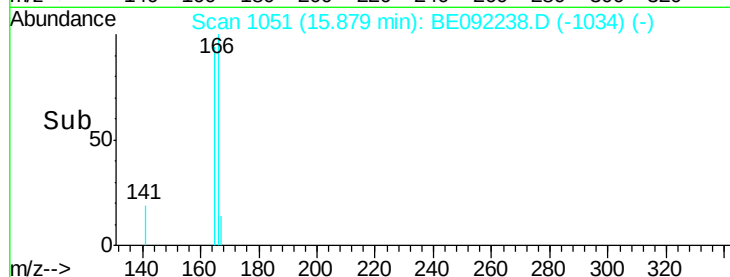
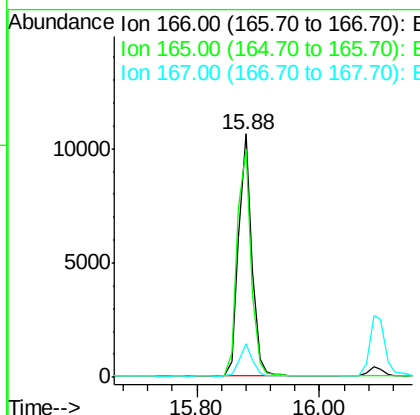
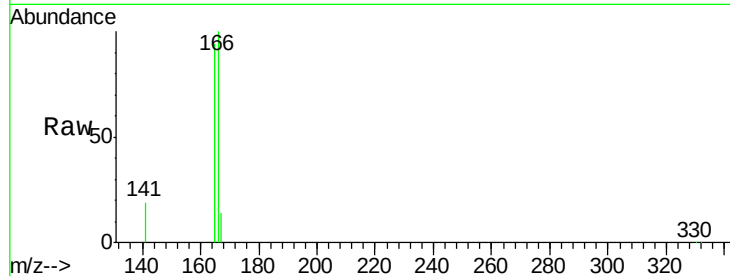




#17
Fluorene
 Concen: 1.62 ng
 RT: 15.88 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

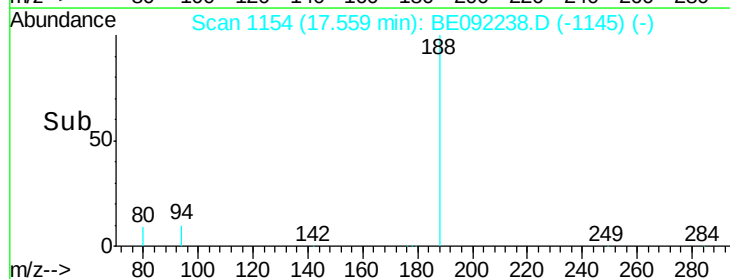
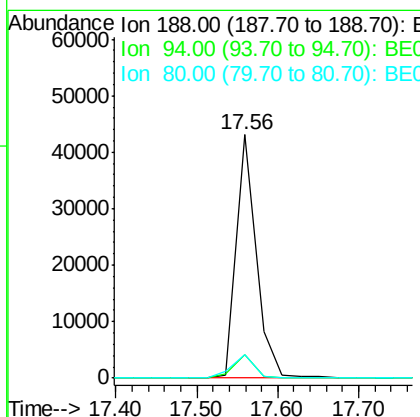
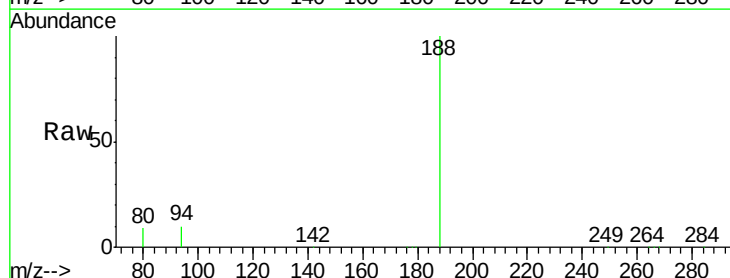
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

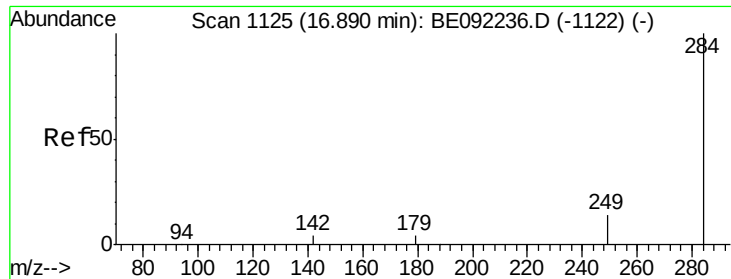
Tgt Ion:166 Resp: 16149
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.1 120.1
 167 13.5 10.6 16.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

Tgt Ion:188 Resp: 72828
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.2 13.8
 80 9.5 9.1 13.7

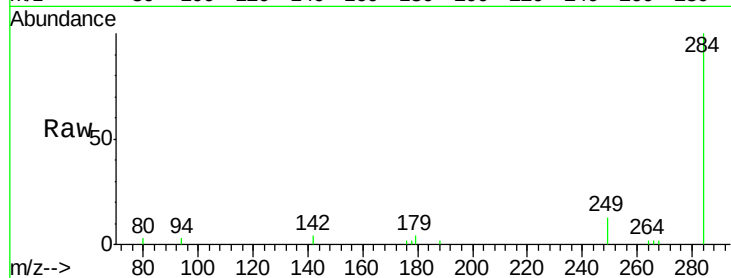




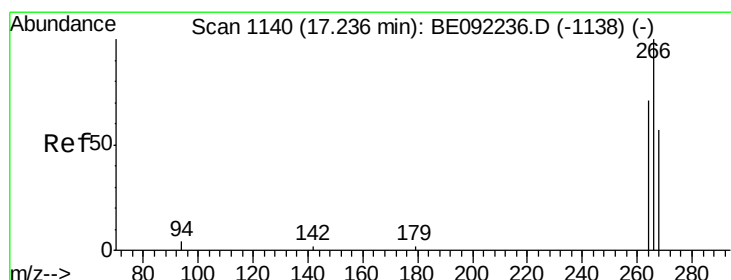
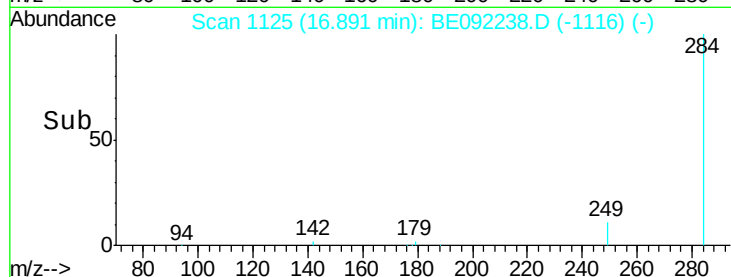
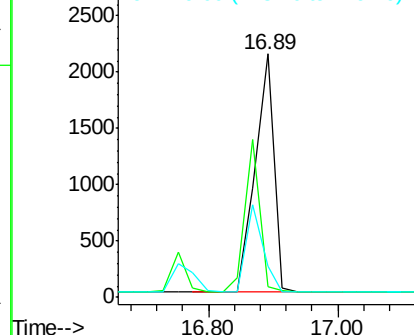
#19
Hexachlorobenzene
Concen: 1.48 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092238.D
Acq: 9 Aug 2016 21:14

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 284 Resp: 4292
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

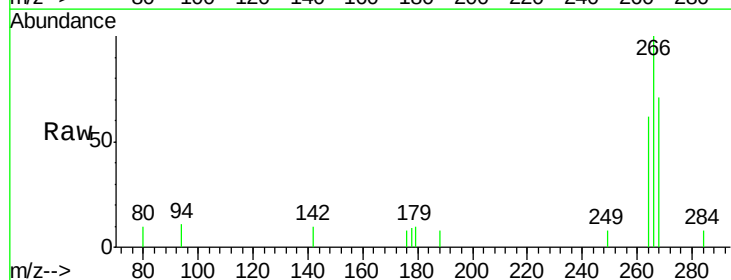


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

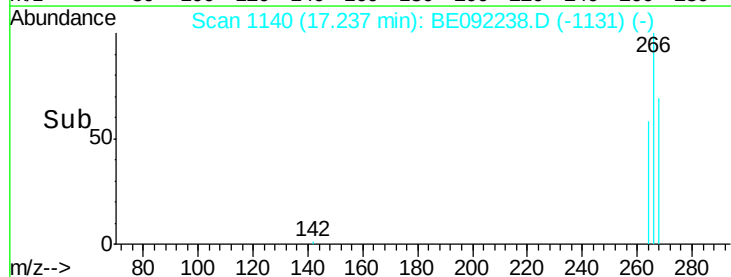
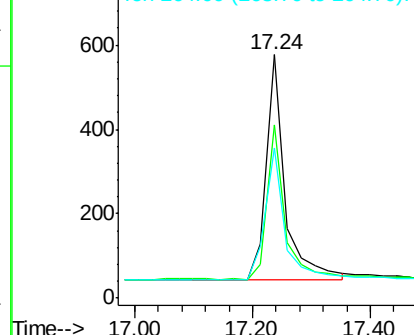


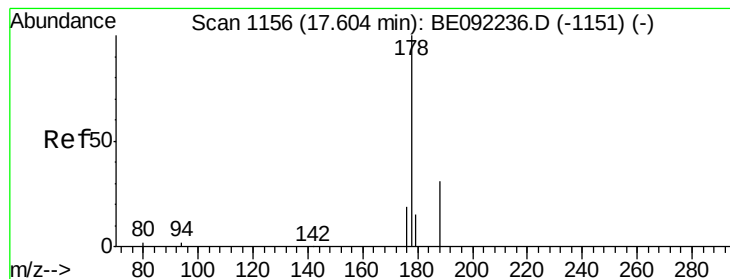
#20
Pentachlorophenol
Concen: 1.55 ng
RT: 17.24 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092238.D
Acq: 9 Aug 2016 21:14

Tgt Ion: 266 Resp: 1190
Ion Ratio Lower Upper
266 100
268 71.4 62.3 93.5
264 61.5 67.4 101.0#



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: 1.57 ng

RT: 17.61 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

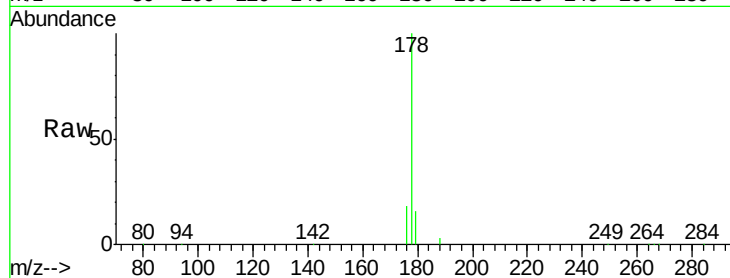
Tgt Ion:178 Resp: 29491

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

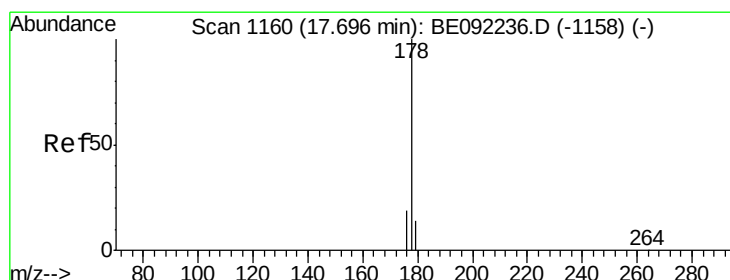
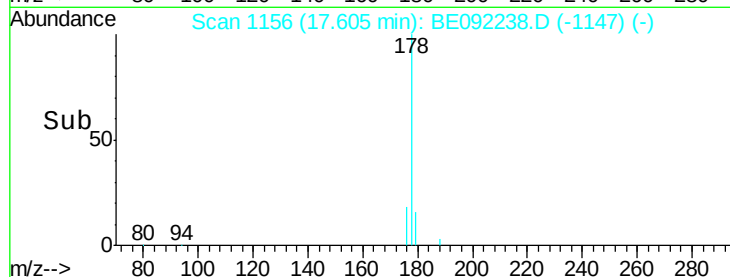
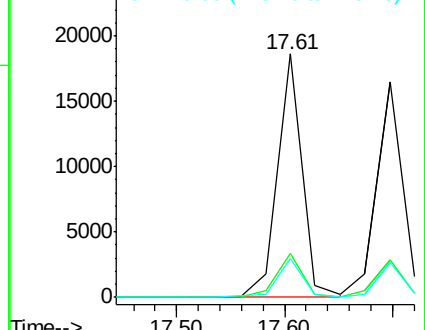
179 15.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 1.62 ng

RT: 17.70 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

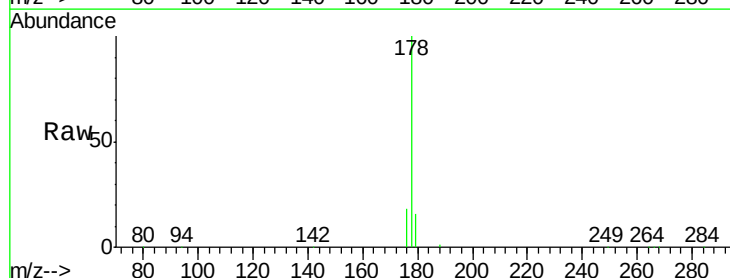
Tgt Ion:178 Resp: 27747

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

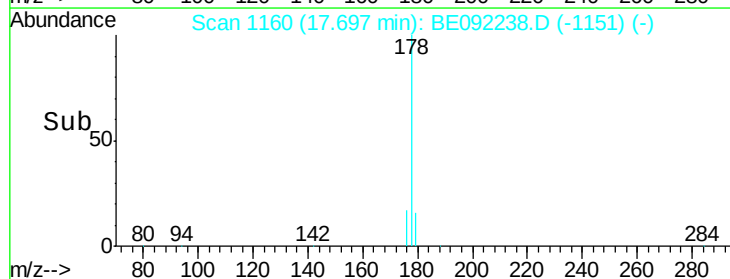
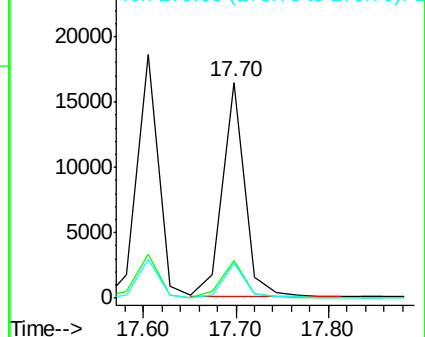
179 15.5 12.0 18.0

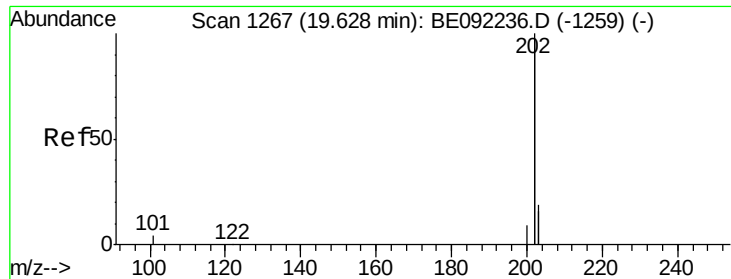


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.58 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

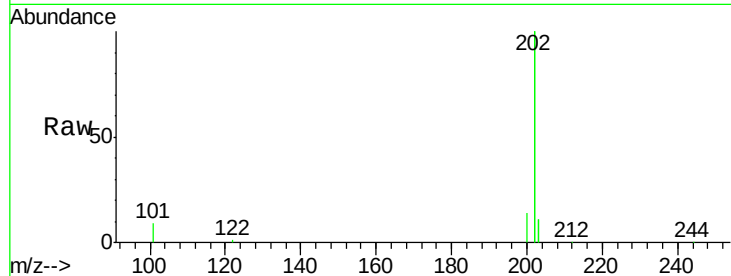
Tgt Ion: 202 Resp: 118321

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

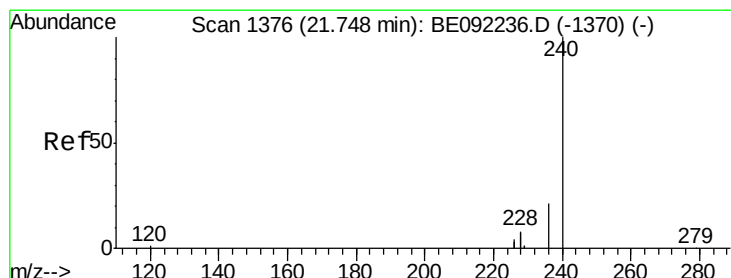
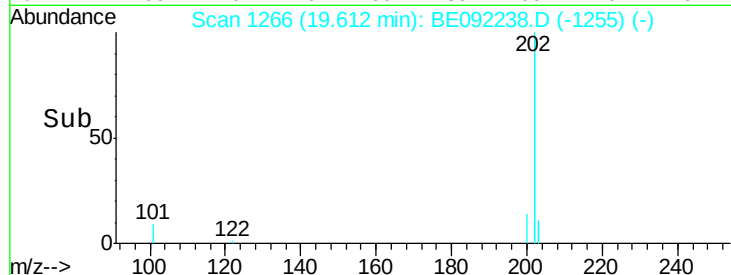
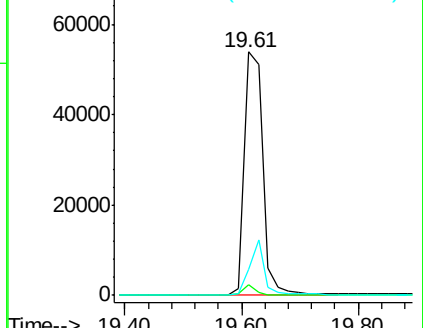
203 17.4 13.7 20.5



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: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

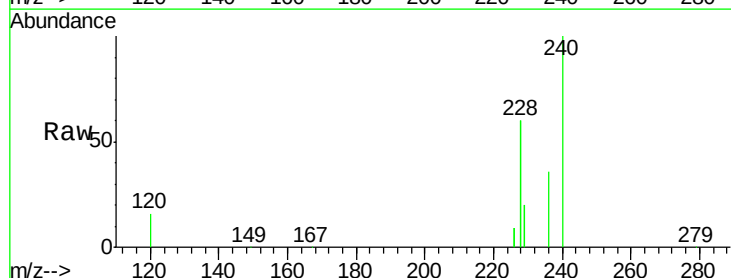
Tgt Ion: 240 Resp: 67770

Ion Ratio Lower Upper

240 100

120 16.5 1.2 1.8#

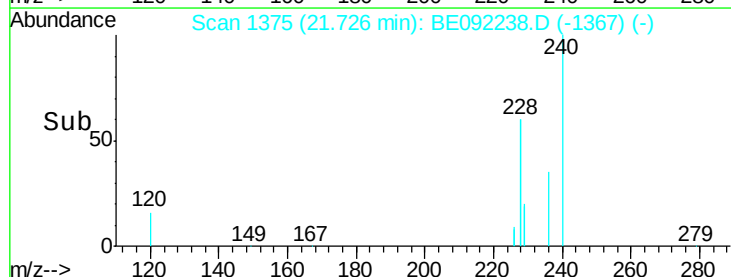
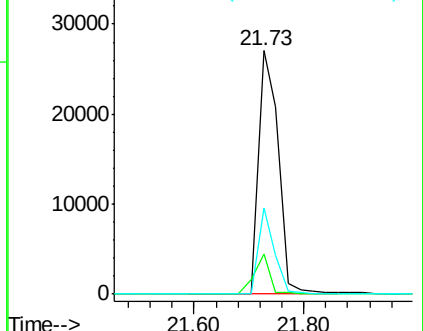
236 35.5 17.1 25.7#

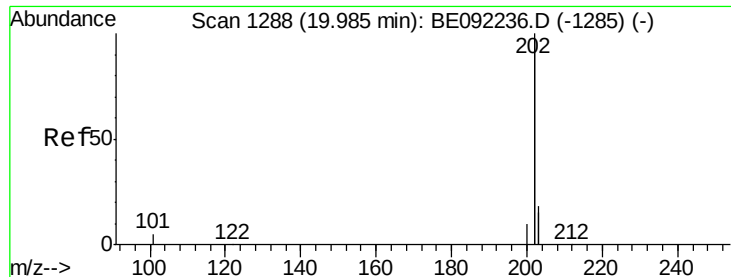


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

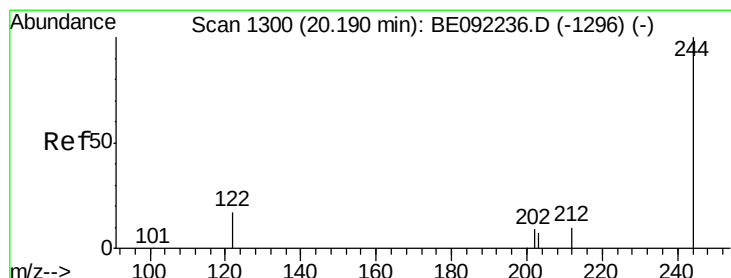
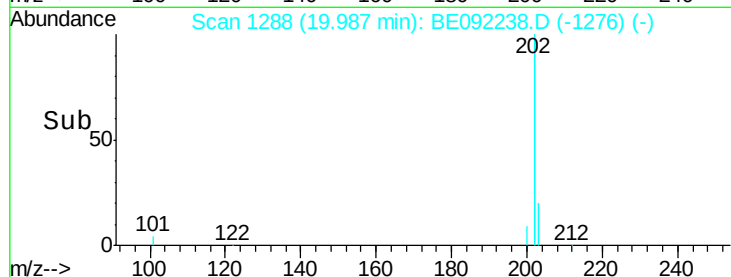
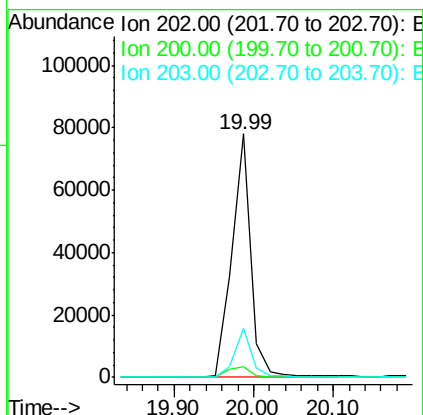
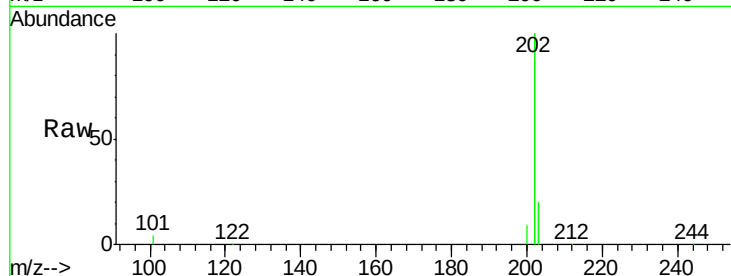




#25
 Pyrene
 Concen: 1.58 ng
 RT: 19.99 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

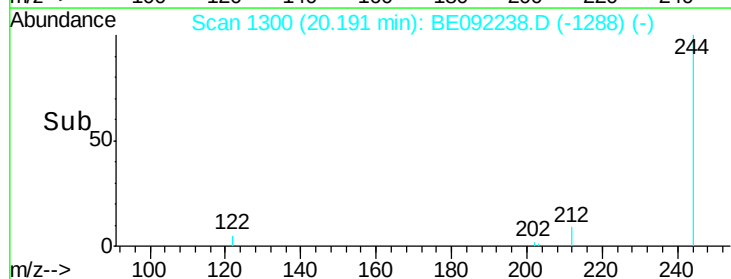
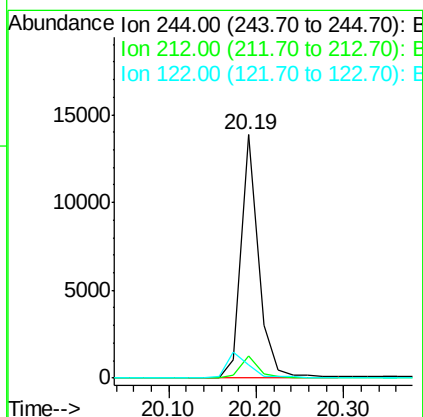
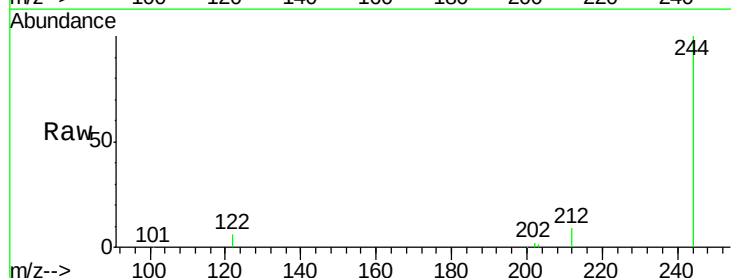
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

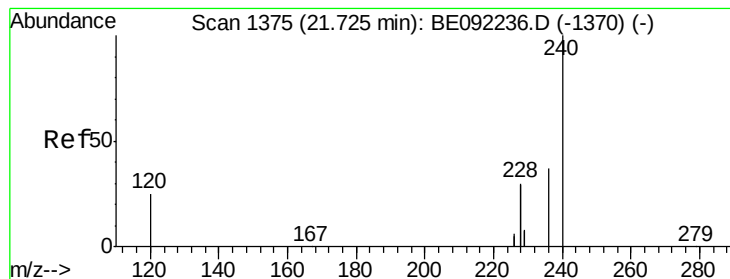
Tgt Ion: 202 Resp: 126690
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 18.2 14.0 21.0



#26
 Terphenyl-d14
 Concen: 1.66 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

Tgt Ion: 244 Resp: 18998
 Ion Ratio Lower Upper
 244 100
 212 8.9 10.2 15.2#
 122 5.7 15.9 23.9#





#27

Benzo(a)anthracene

Concen: 1.58 ng

RT: 21.70 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

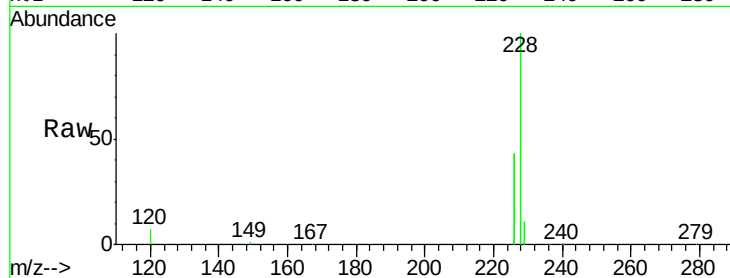
Tgt Ion:228 Resp: 128475

Ion Ratio Lower Upper

228 100

226 43.2 15.9 23.9#

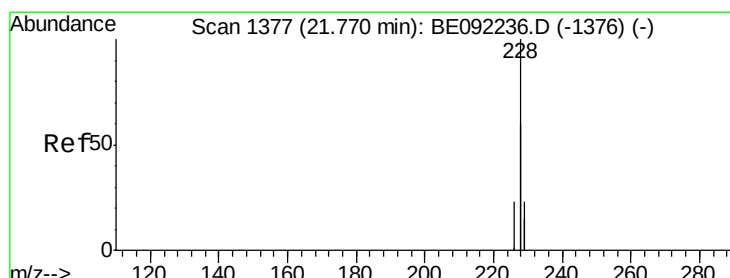
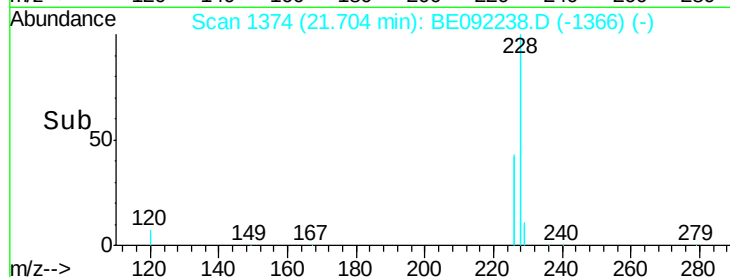
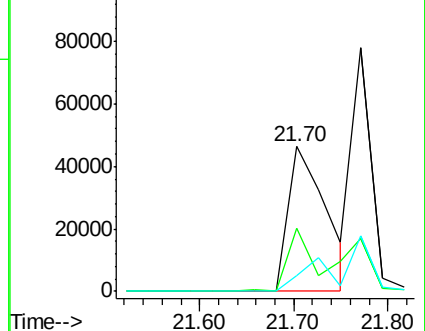
229 10.8 22.4 33.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 1.70 ng

RT: 21.70 min Scan# 1374

Delta R.T. -0.07 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

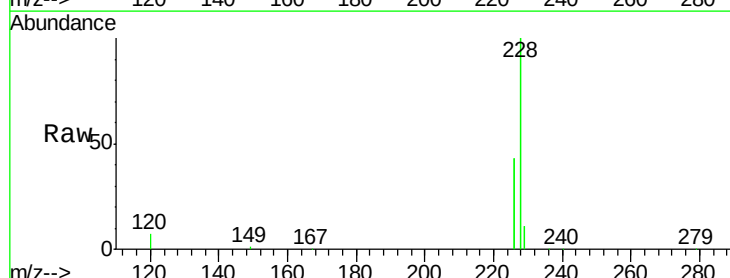
Tgt Ion:228 Resp: 128481

Ion Ratio Lower Upper

228 100

226 43.2 18.3 27.5#

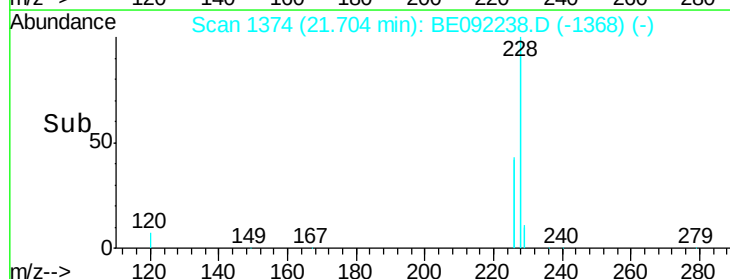
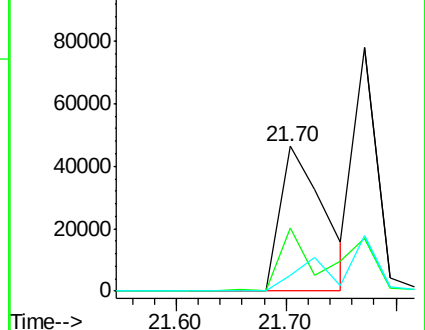
229 10.8 18.6 27.8#

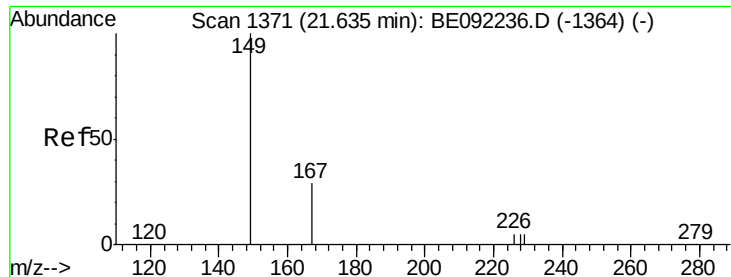


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 1.60 ng

RT: 21.64 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

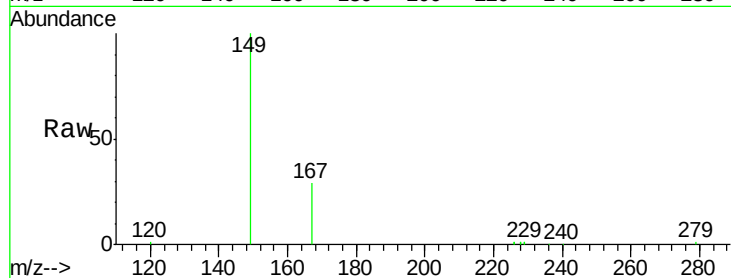
Tgt Ion:149 Resp: 16705

Ion Ratio Lower Upper

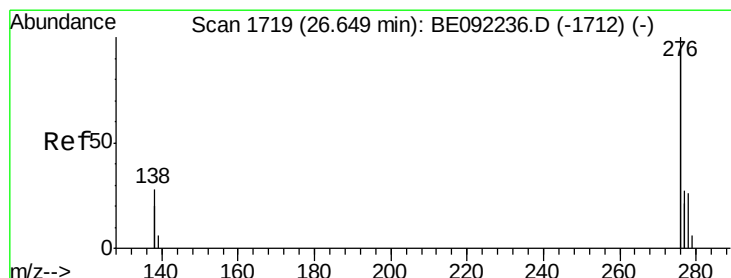
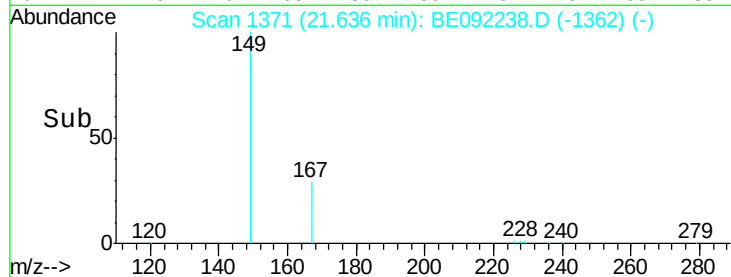
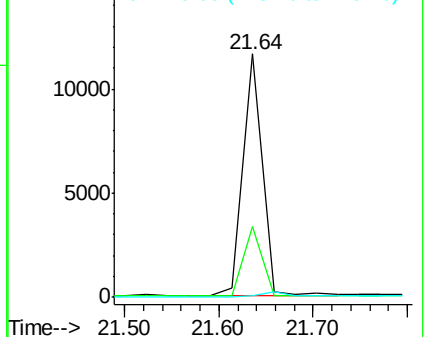
149 100

167 28.4 22.1 33.1

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: 1.63 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

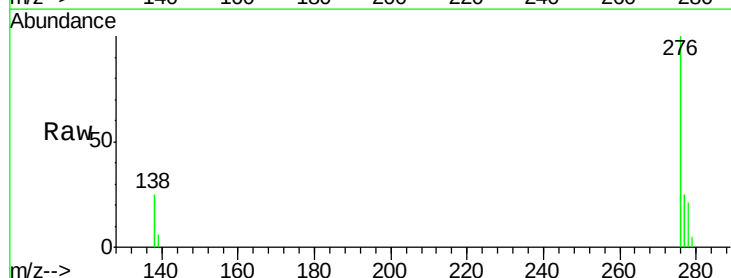
Tgt Ion:276 Resp: 131681

Ion Ratio Lower Upper

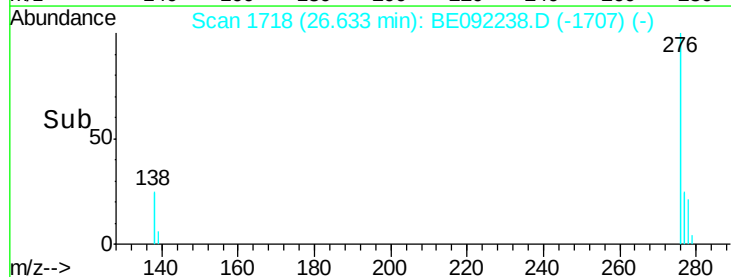
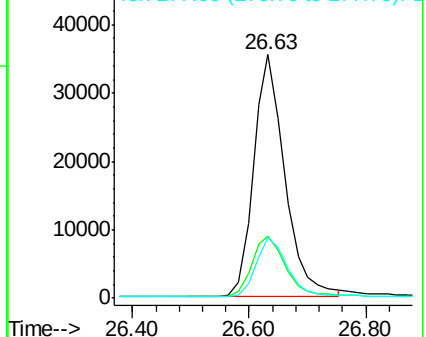
276 100

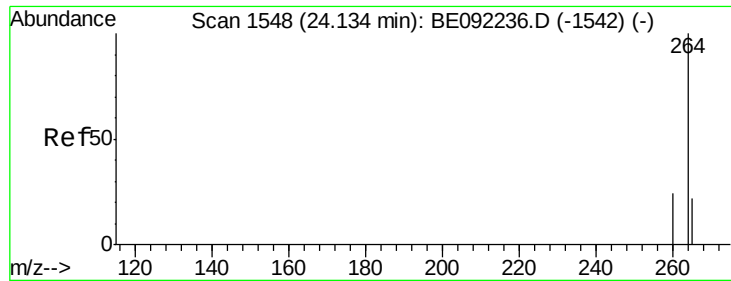
138 26.9 21.3 31.9

277 24.6 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

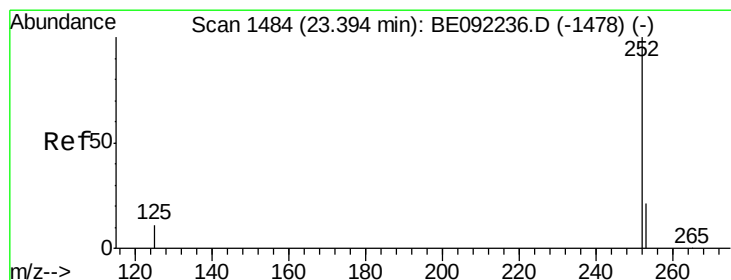
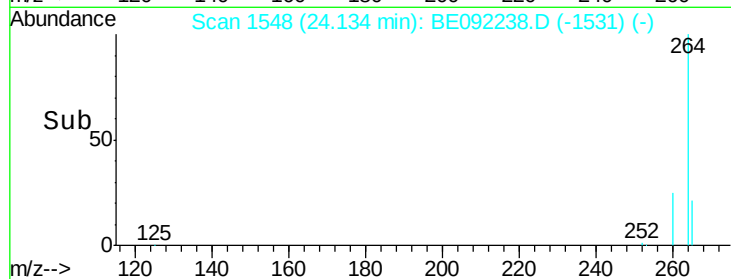
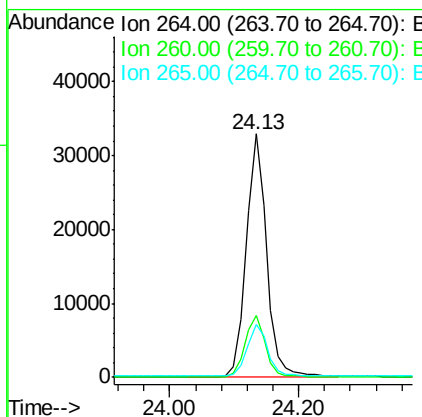
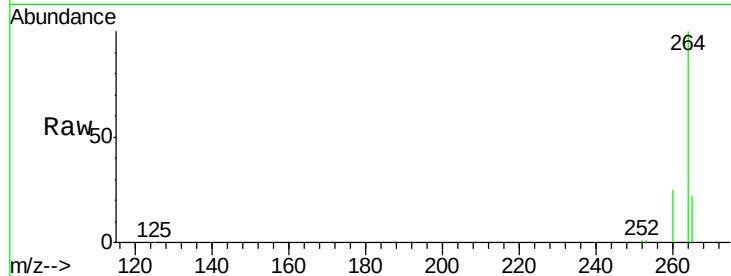




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

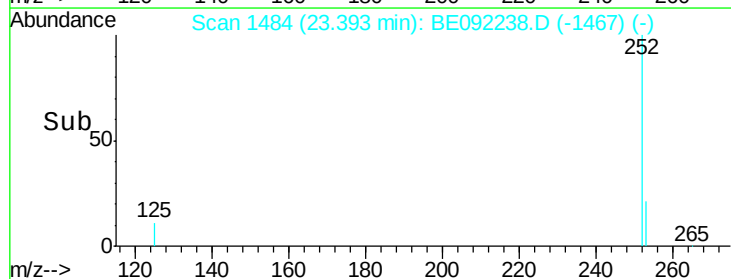
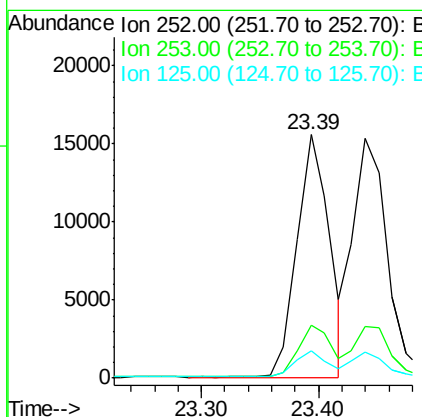
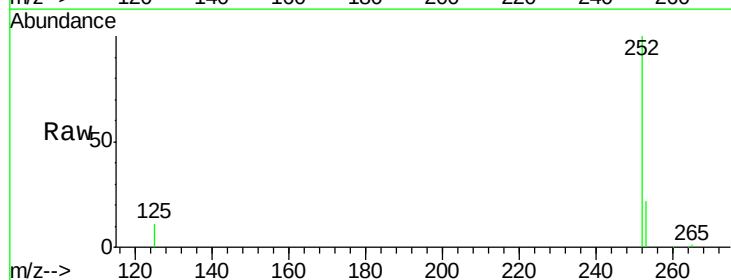
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

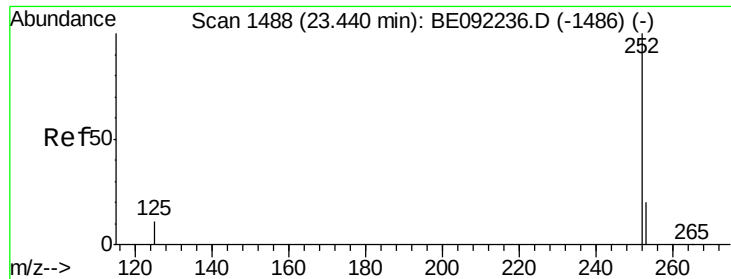
Tgt Ion: 264 Resp: 71685
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 21.7 18.2 27.4



#32
Benzo(b)fluoranthene
 Concen: 1.58 ng
 RT: 23.39 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BE092238.D
 Acq: 9 Aug 2016 21:14

Tgt Ion: 252 Resp: 29781
 Ion Ratio Lower Upper
 252 100
 253 21.9 19.0 28.4
 125 11.0 10.3 15.5





#33

Benzo(k)fluoranthene

Concen: 1.61 ng

RT: 23.44 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

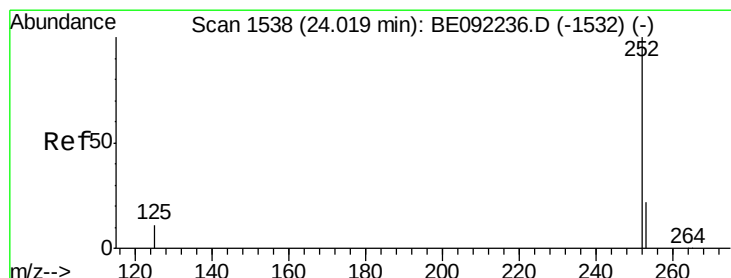
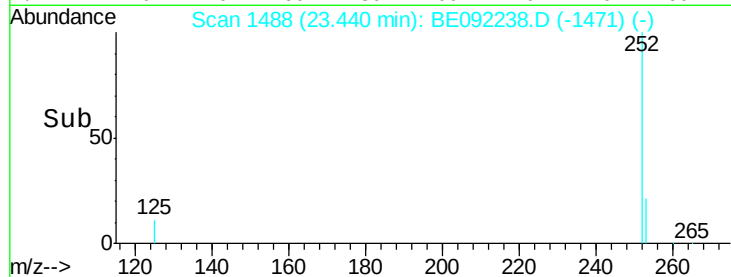
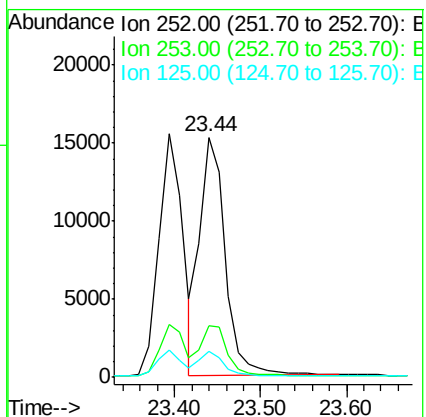
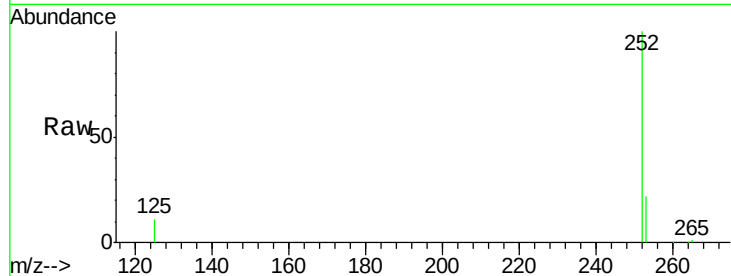
Tgt Ion:252 Resp: 31370

Ion Ratio Lower Upper

252 100

253 21.5 19.0 28.6

125 11.0 10.6 15.8



#34

Benzo(a)pyrene

Concen: 1.60 ng

RT: 24.02 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

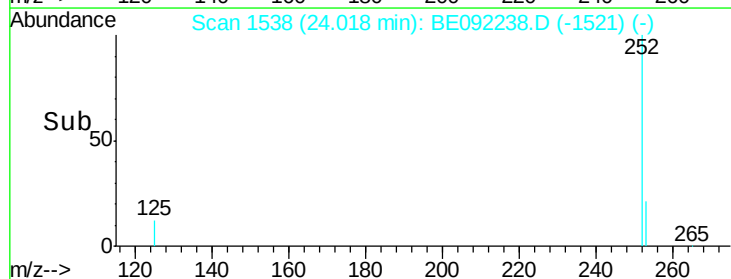
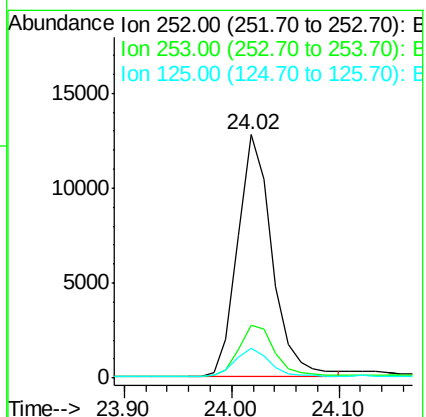
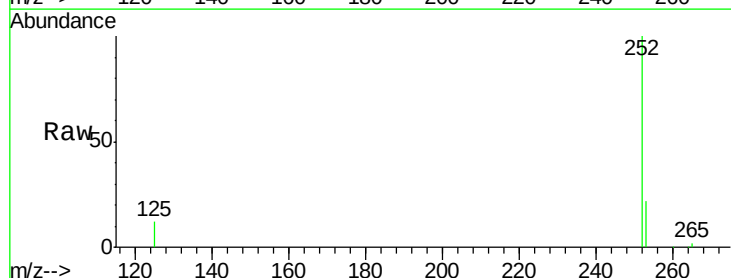
Tgt Ion:252 Resp: 28367

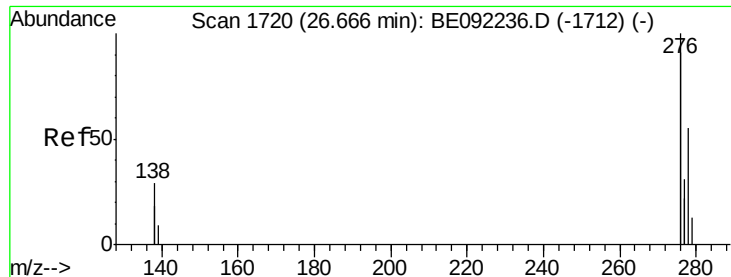
Ion Ratio Lower Upper

252 100

253 21.7 20.3 30.5

125 12.4 11.8 17.6





#35

Dibenzo(a,h)anthracene

Concen: 1.63 ng

RT: 26.65 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

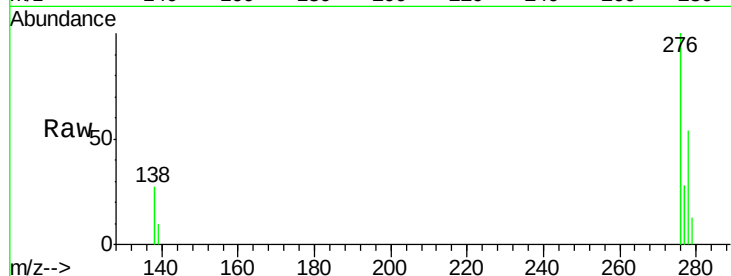
Tgt Ion:278 Resp: 26878

Ion Ratio Lower Upper

278 100

139 18.9 16.2 24.2

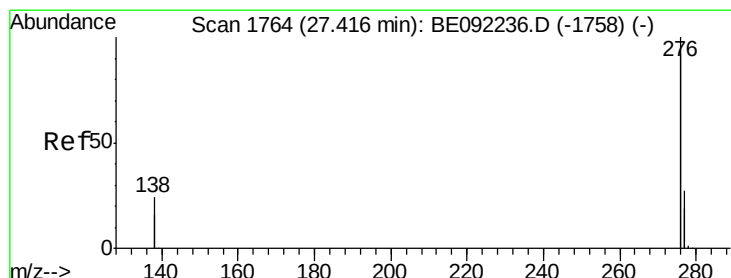
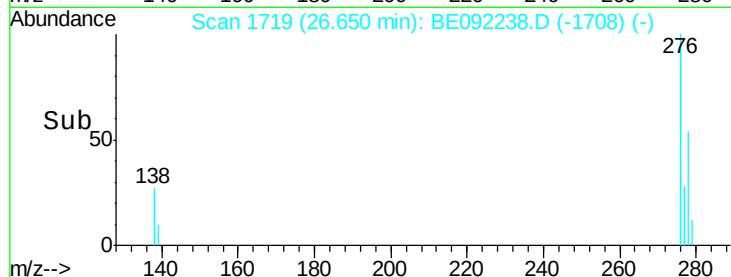
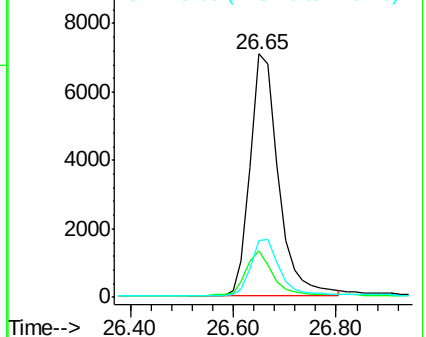
279 23.5 21.4 32.2



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: 1.59 ng

RT: 27.40 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BE092238.D

Acq: 9 Aug 2016 21:14

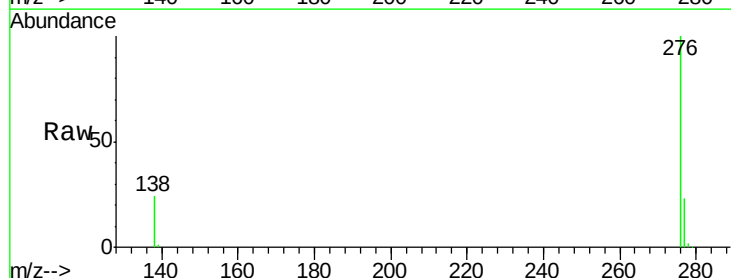
Tgt Ion:276 Resp: 112589

Ion Ratio Lower Upper

276 100

277 22.9 21.4 32.2

138 24.3 19.4 29.2



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

