

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
 Data File : BE092236.D
 Acq On : 9 Aug 2016 20:02
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Aug 10 04:43:43 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	9273	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	44633	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	25958	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	63185	5.00	ng	0.00
24) Chrysene-d12	21.75	240	56475	5.00	ng	0.00
31) Perylene-d12	24.13	264	58733	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.71	112	738	0.36	ng	0.00
5) Phenol-d6	7.36	99	914	0.31	ng	0.00
8) Nitrobenzene-d5	9.36	82	1064	0.34	ng	0.00
13) 2,4,6-Tribromophenol	16.33	330	240	0.31	ng	0.00
14) 2-Fluorobiphenyl	13.47	172	3112	0.39	ng	0.00
26) Terphenyl-d14	20.19	244	3534	0.37	ng	0.00

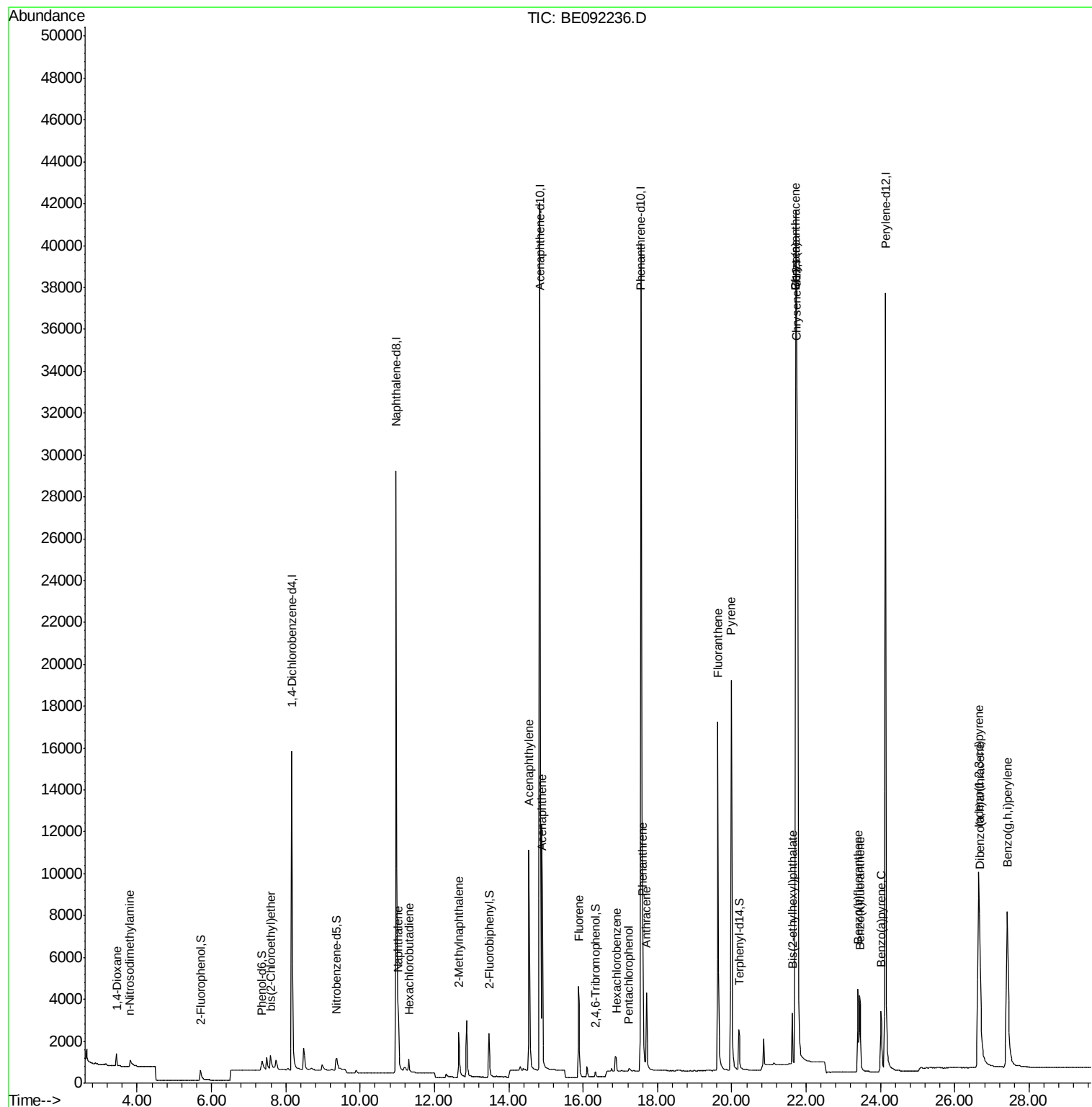
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	507	0.43	ng	100
3) n-Nitrosodimethylamine	3.81	42	513	0.36	ng	100
6) bis(2-Chloroethyl)ether	7.59	93	853	0.36	ng	100
9) Naphthalene	11.03	128	3987	0.40	ng	100
10) Hexachlorobutadiene	11.32	225	574	0.40	ng	100
11) 2-Methylnaphthalene	12.66	142	2451	0.39	ng	100
15) Acenaphthylene	14.54	152	17210	0.38	ng	100
16) Acenaphthene	14.90	154	2833	0.39	ng	100
17) Fluorene	15.88	166	3402	0.39	ng	100
19) Hexachlorobenzene	16.89	284	1002	0.40	ng	# 100
20) Pentachlorophenol	17.24	266	173	0.26	ng	100
21) Phenanthrene	17.60	178	6296	0.39	ng	100
22) Anthracene	17.70	178	5463	0.37	ng	100
23) Fluoranthene	19.63	202	24615	0.38	ng	100
25) Pyrene	19.99	202	25528	0.38	ng	100
27) Benzo(a)anthracene	21.73	228	25260	0.37	ng	100
28) Chrysene	21.73	228	25260	0.40	ng	# 92
29) Bis(2-ethylhexyl)phthalate	21.63	149	2838	0.33	ng	# 100
30) Indeno(1,2,3-cd)pyrene	26.65	276	24484	0.36	ng	100
32) Benzo(b)fluoranthene	23.39	252	5682	0.37	ng	100
33) Benzo(k)fluoranthene	23.44	252	6256	0.39	ng	100
34) Benzo(a)pyrene	24.02	252	5324	0.37	ng	100
35) Dibenzo(a,h)anthracene	26.67	278	4846	0.36	ng	100
36) Benzo(g,h,i)perylene	27.42	276	22118	0.38	ng	100

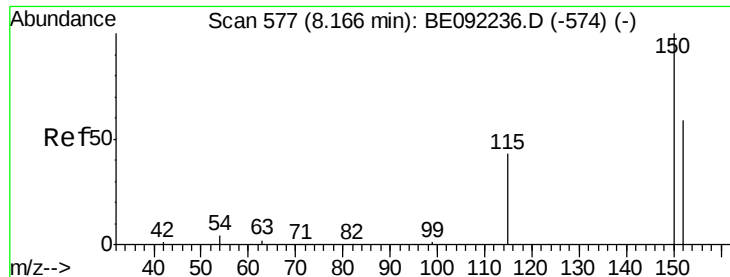
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

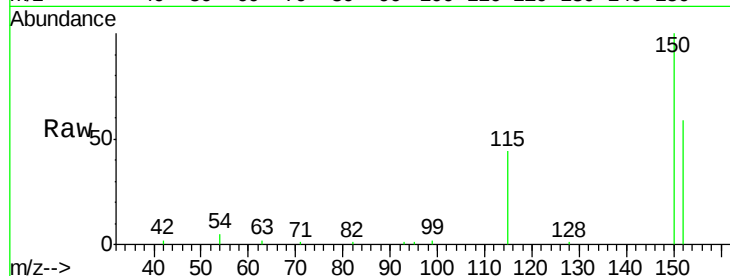
Tgt Ion:152 Resp: 9273

Ion Ratio Lower Upper

152 100

150 169.5 135.6 203.4

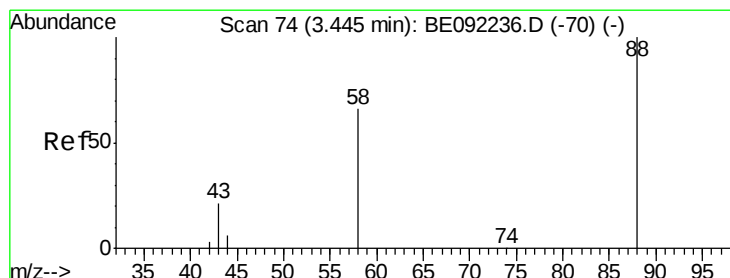
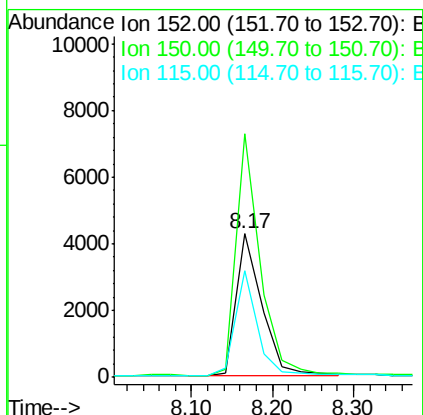
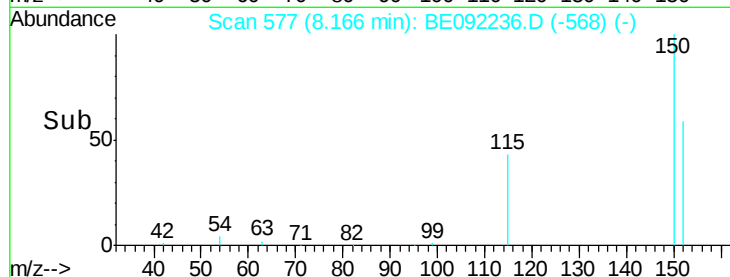
115 74.2 59.4 89.0



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: 0.43 ng

RT: 3.44 min Scan# 74

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

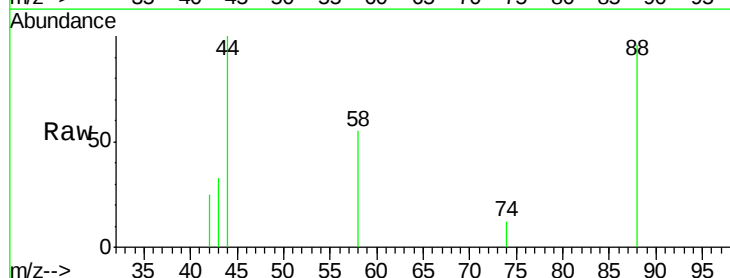
Tgt Ion: 88 Resp: 507

Ion Ratio Lower Upper

88 100

58 80.5 64.4 96.6

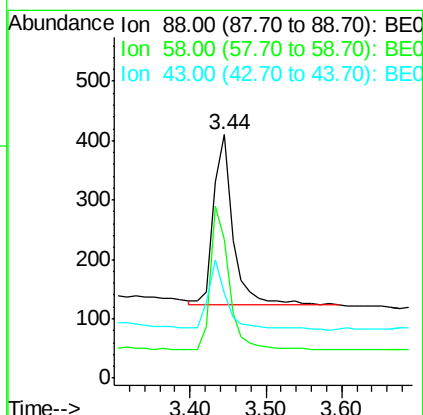
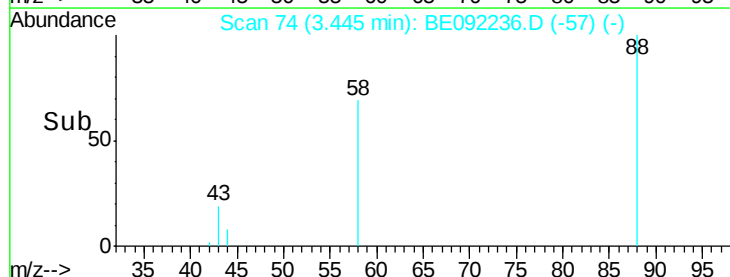
43 41.8 33.4 50.2

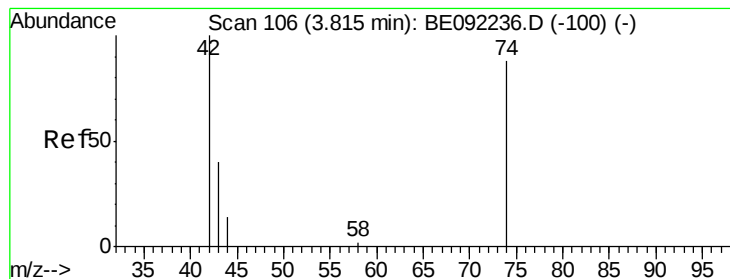


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.36 ng

RT: 3.81 min Scan# 106

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

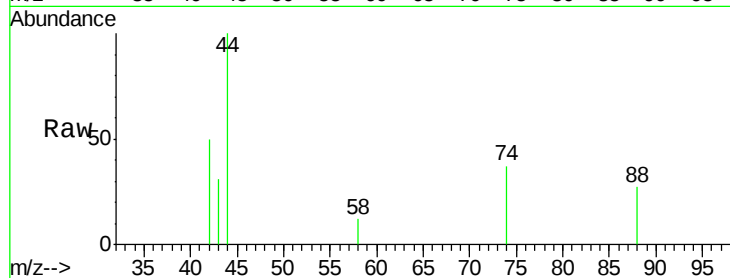
Tgt Ion: 42 Resp: 513

Ion Ratio Lower Upper

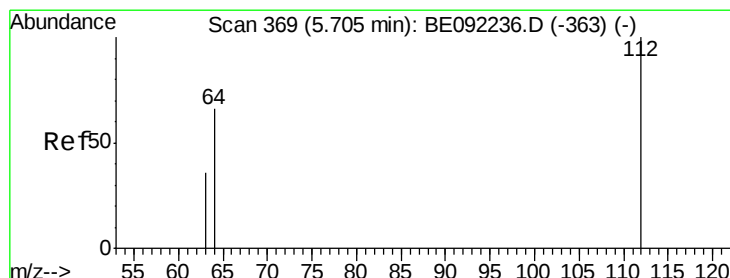
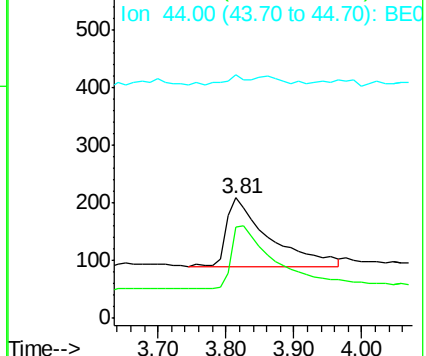
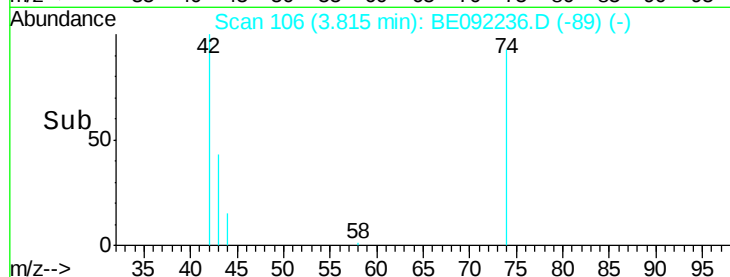
42 100

74 96.5 77.2 115.8

44 6.2 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: 0.36 ng

RT: 5.71 min Scan# 369

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

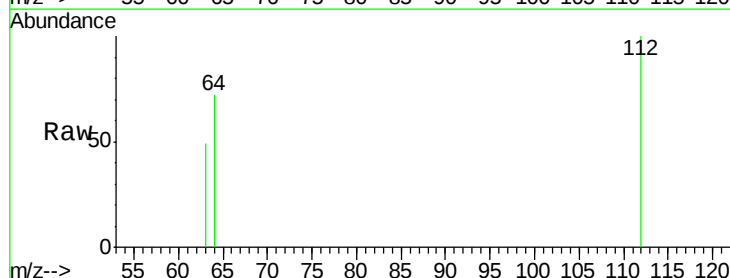
Tgt Ion: 112 Resp: 738

Ion Ratio Lower Upper

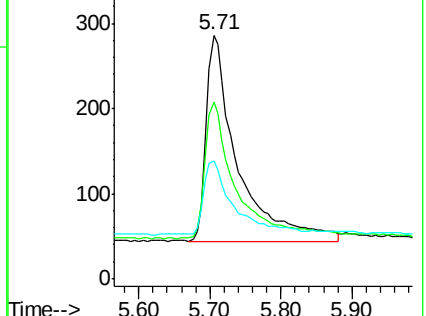
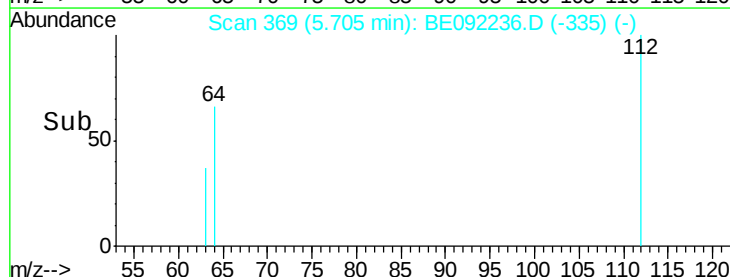
112 100

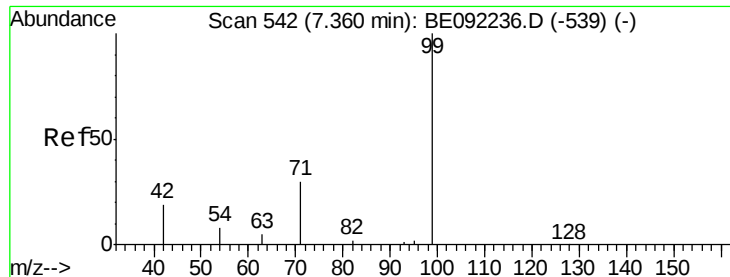
64 66.5 53.2 79.8

63 34.3 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: 0.31 ng

RT: 7.36 min Scan# 542

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

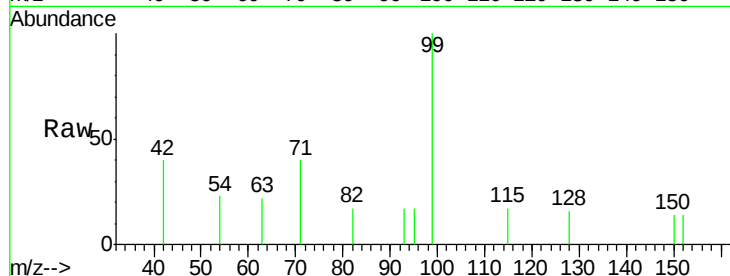
Tgt Ion: 99 Resp: 914

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 37.3 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

7.36

300

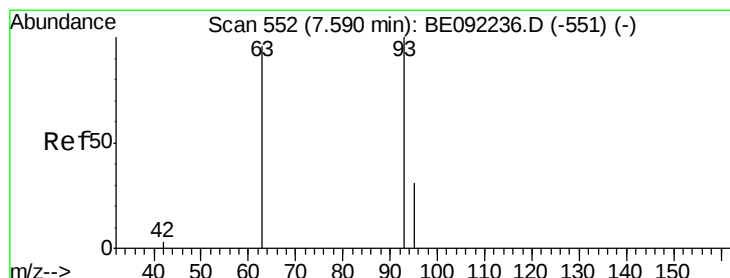
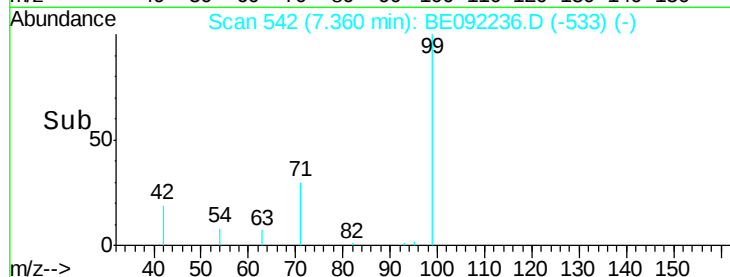
200

100

0

7.20 7.30 7.40 7.50

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

RT: 7.59 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

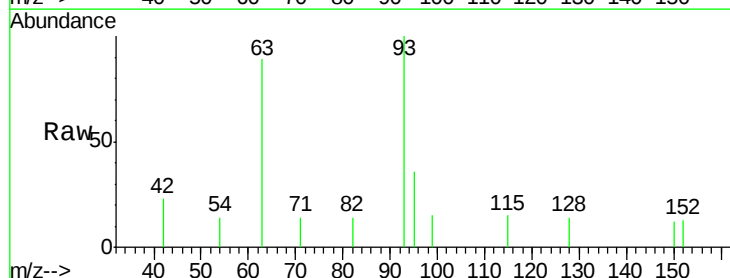
Tgt Ion: 93 Resp: 853

Ion Ratio Lower Upper

93 100

63 85.6 68.5 102.7

95 34.0 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

7.59

600

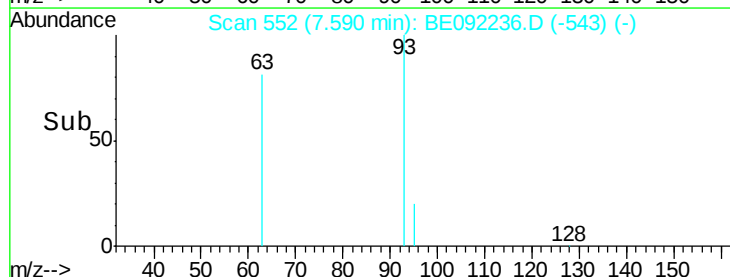
400

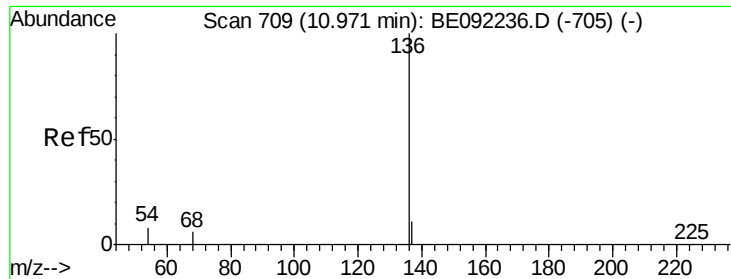
200

0

7.50 7.60 7.70

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 44633

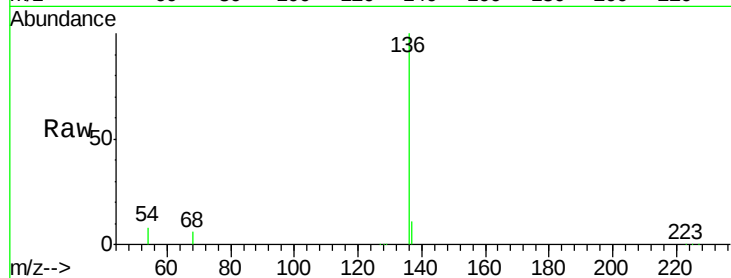
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.8 6.2 9.4

68 5.7 4.6 6.8

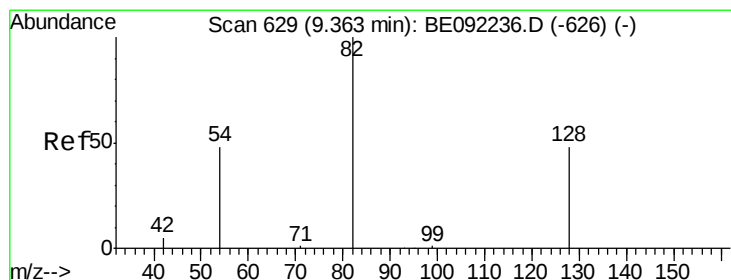
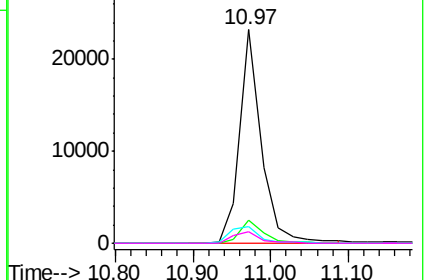
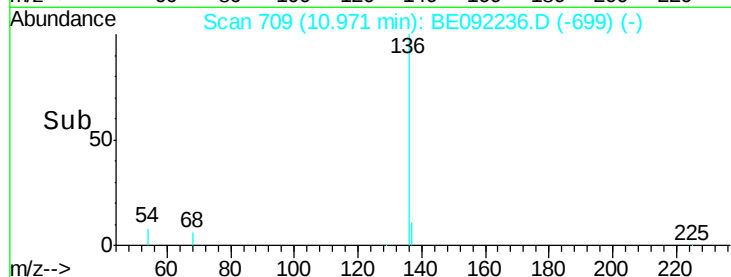


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 9.36 min Scan# 629

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

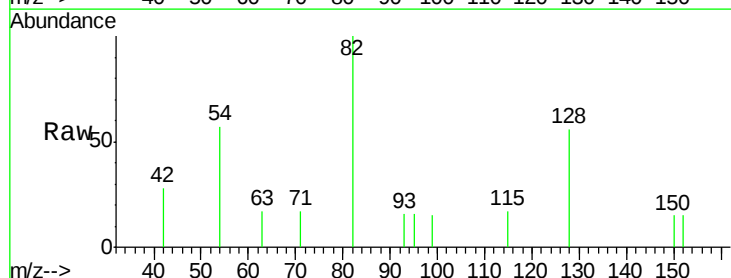
Tgt Ion: 82 Resp: 1064

Ion Ratio Lower Upper

82 100

128 56.2 45.0 67.4

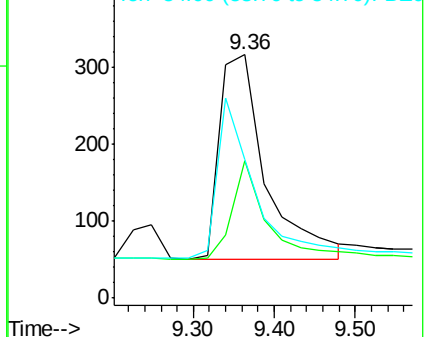
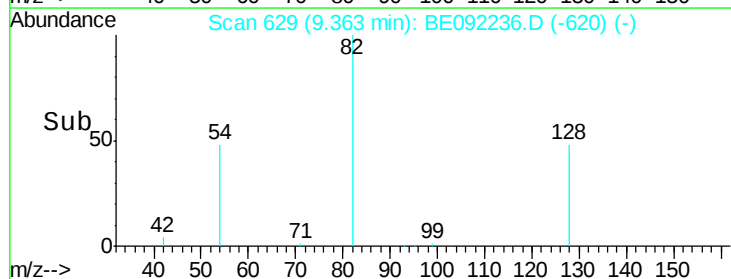
54 56.8 45.4 68.2

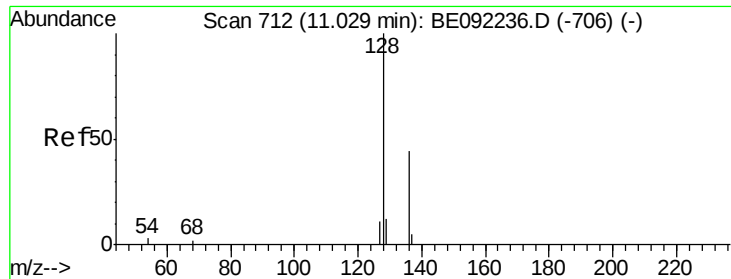


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 11.03 min Scan# 712

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

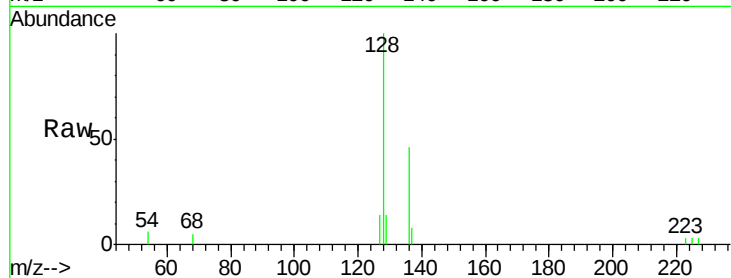
Tgt Ion:128 Resp: 3987

Ion Ratio Lower Upper

128 100

129 14.4 11.5 17.3

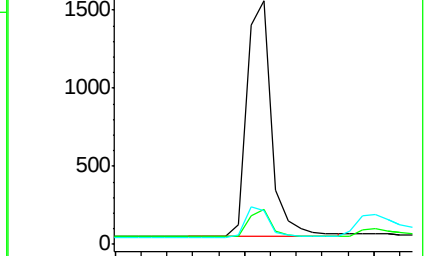
127 13.8 11.0 16.6



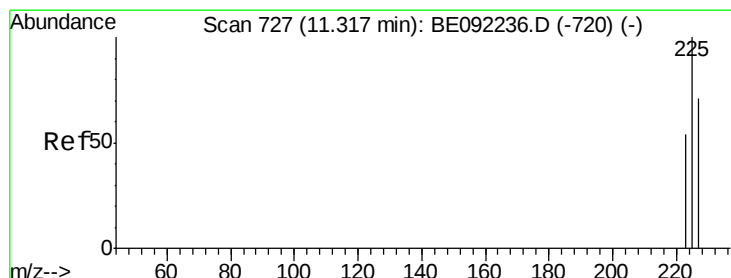
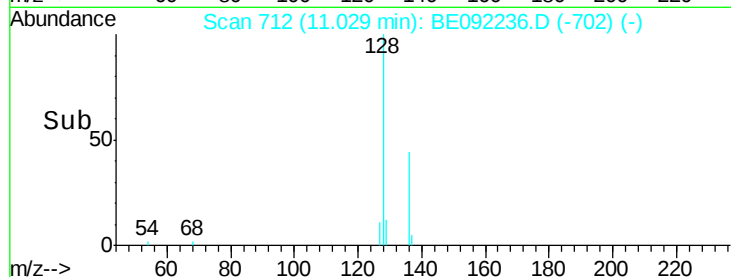
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.80 11.00 11.20



#10

Hexachlorobutadiene

Concen: 0.40 ng

RT: 11.32 min Scan# 727

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

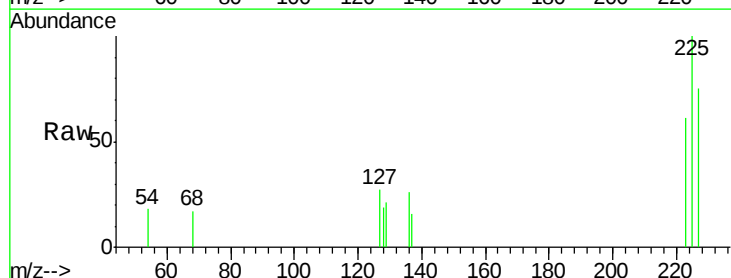
Tgt Ion:225 Resp: 574

Ion Ratio Lower Upper

225 100

223 65.3 52.2 78.4

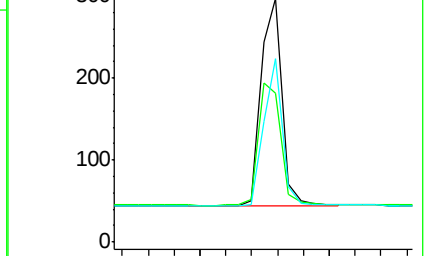
227 63.8 51.0 76.6



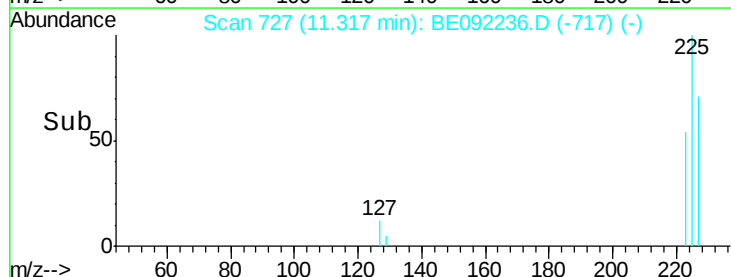
Abundance Ion 225.00 (224.70 to 225.70): E

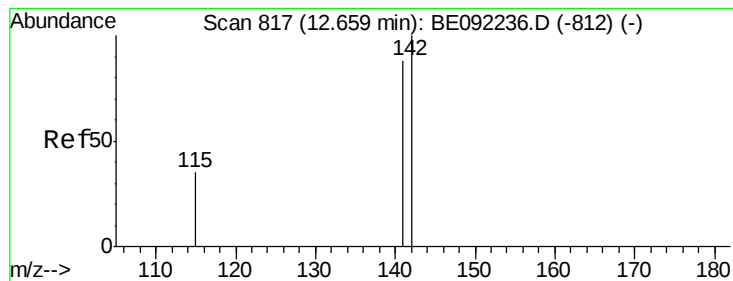
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 11.20 11.40





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.66 min Scan# 817

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

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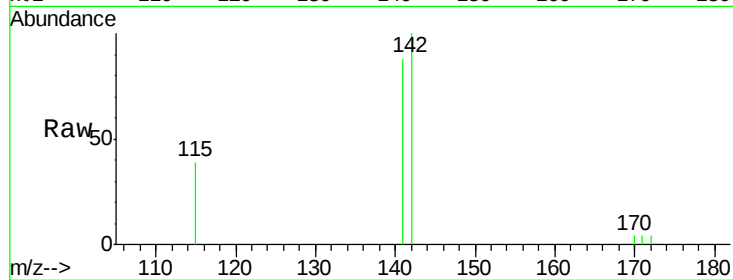
Tgt Ion:142 Resp: 2451

Ion Ratio Lower Upper

142 100

141 88.2 70.6 105.8

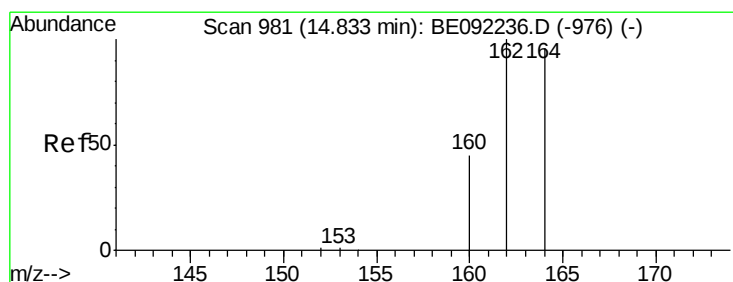
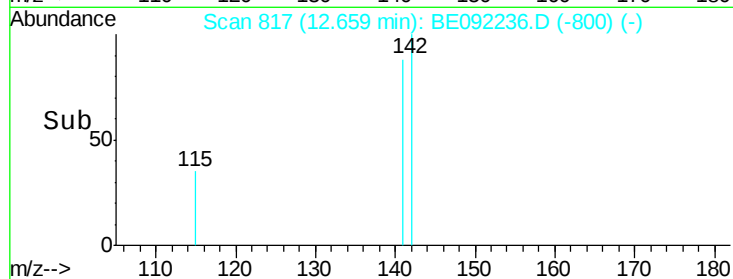
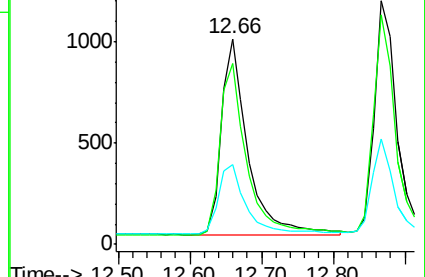
115 38.7 31.0 46.4



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: BE092236.D

Acq: 9 Aug 2016 20:02

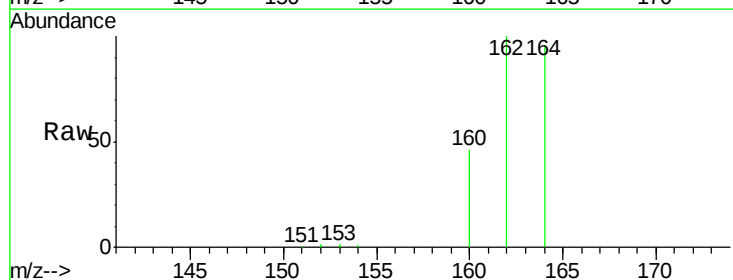
Tgt Ion:164 Resp: 25958

Ion Ratio Lower Upper

164 100

162 104.1 83.3 124.9

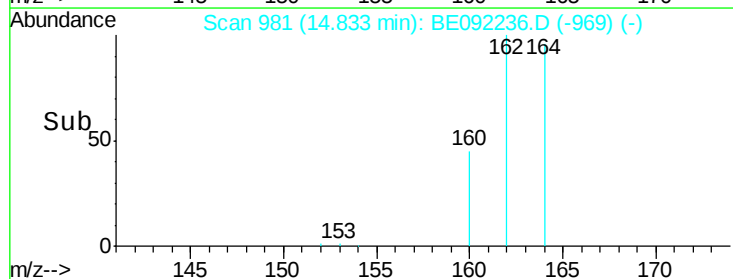
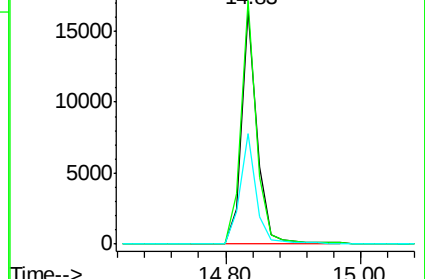
160 47.5 38.0 57.0

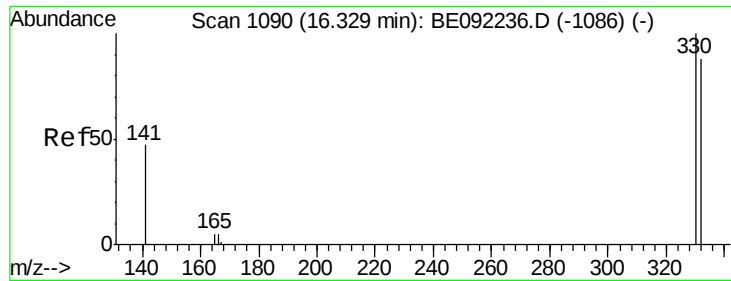


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

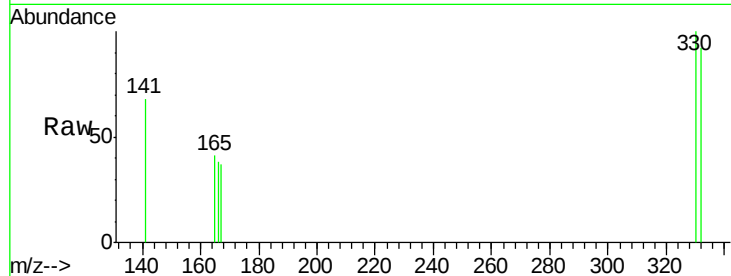




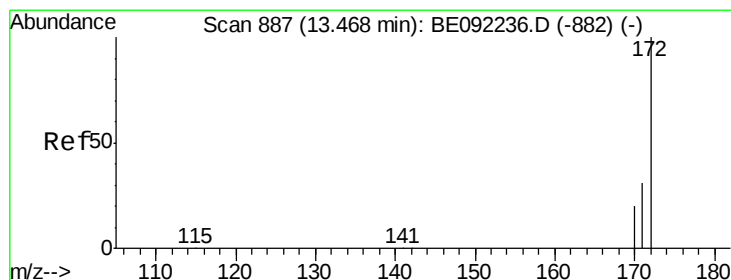
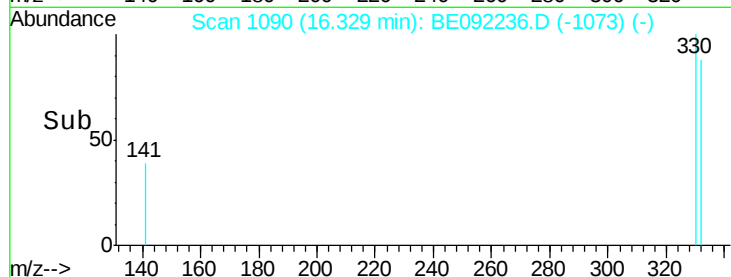
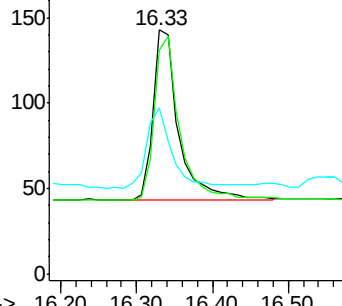
#13
 2,4,6-Tribromophenol
 Concen: 0.31 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092236.D
 Acq: 9 Aug 2016 20:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion: 330 Resp: 240
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.4 113.0
 141 47.1 37.7 56.5

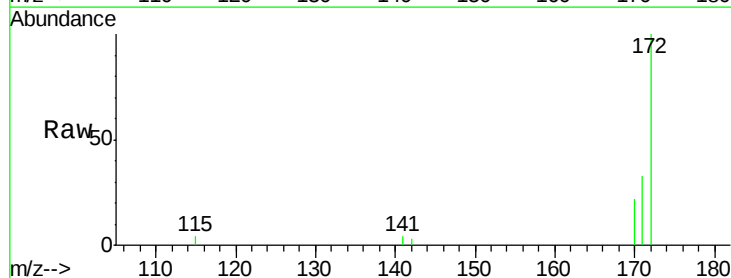


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

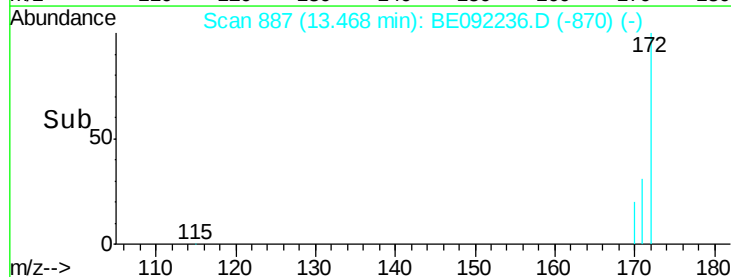
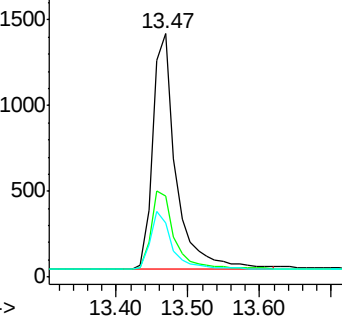


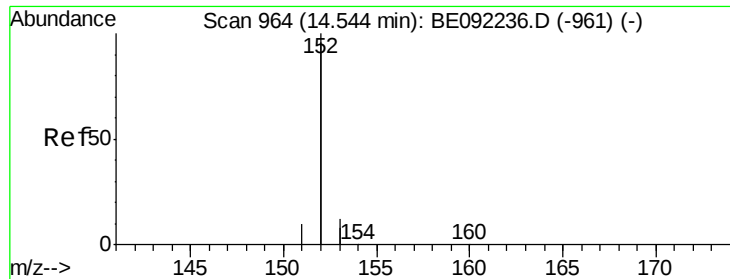
#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 13.47 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BE092236.D
 Acq: 9 Aug 2016 20:02

Tgt Ion: 172 Resp: 3112
 Ion Ratio Lower Upper
 172 100
 171 33.5 26.8 40.2
 170 22.2 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

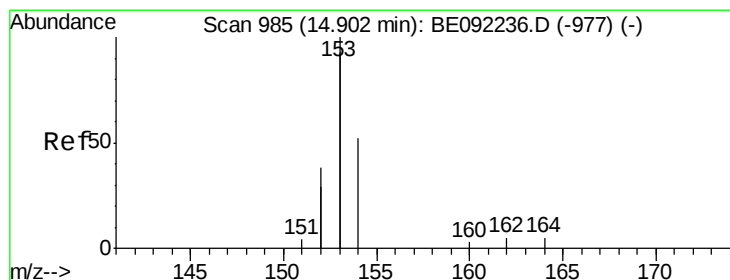
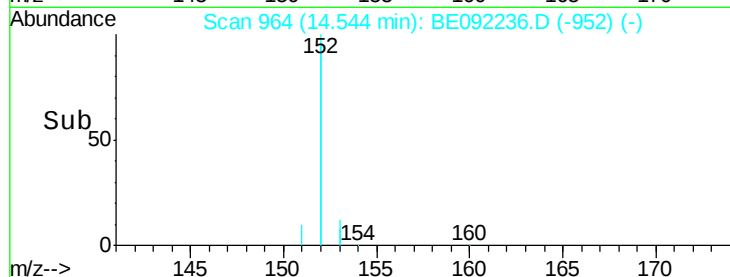
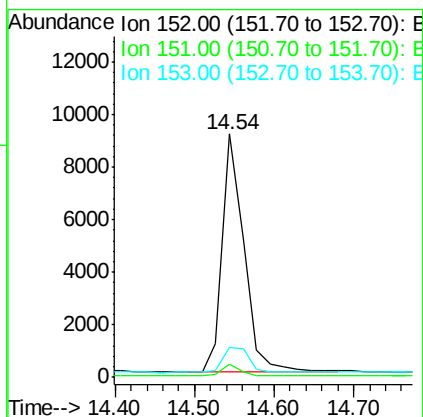
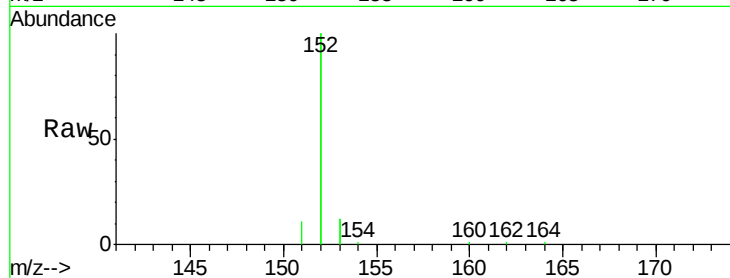




#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.00 min
Lab File: BE092236.D
Acq: 9 Aug 2016 20:02

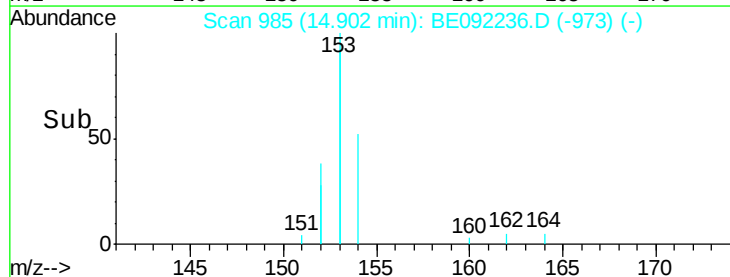
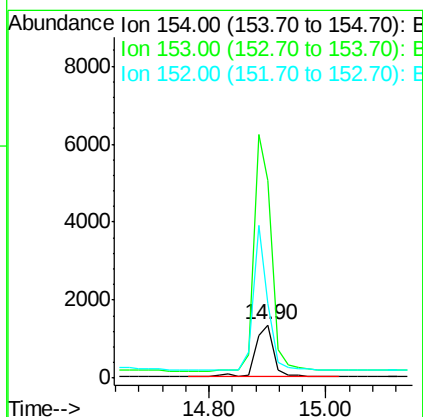
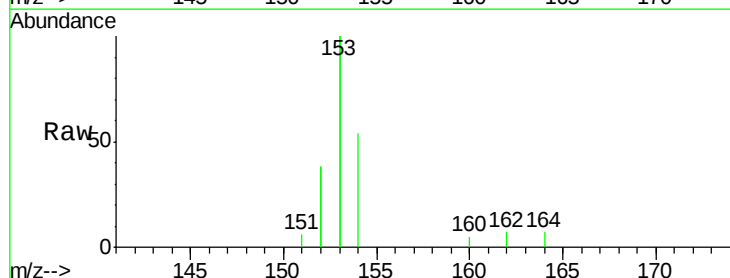
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

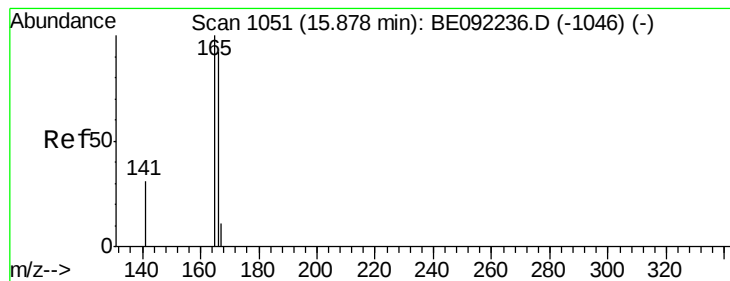
Tgt Ion:152 Resp: 17210
Ion Ratio Lower Upper
152 100
151 4.8 3.8 5.8
153 12.7 10.2 15.2



#16
Acenaphthene
Concen: 0.39 ng
RT: 14.90 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE092236.D
Acq: 9 Aug 2016 20:02

Tgt Ion:154 Resp: 2833
Ion Ratio Lower Upper
154 100
153 443.7 355.0 532.4
152 224.6 179.7 269.5





#17

Fluorene

Concen: 0.39 ng

RT: 15.88 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

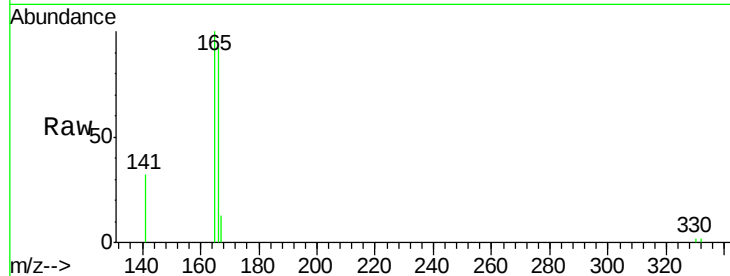
Tgt Ion:166 Resp: 3402

Ion Ratio Lower Upper

166 100

165 100.1 80.1 120.1

167 13.3 10.6 16.0



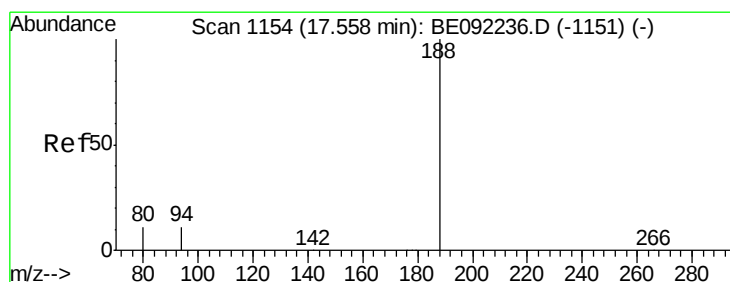
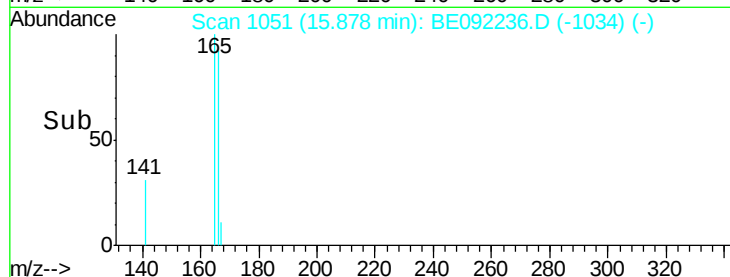
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.88

Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

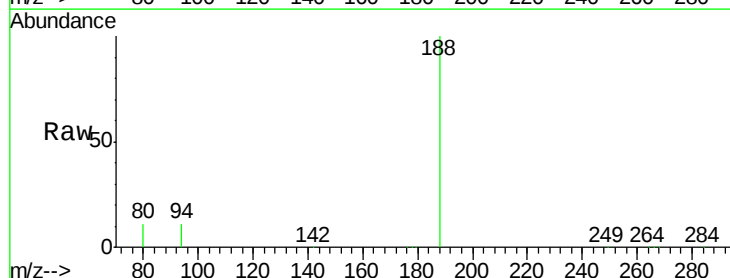
Tgt Ion:188 Resp: 63185

Ion Ratio Lower Upper

188 100

94 11.5 9.2 13.8

80 11.4 9.1 13.7



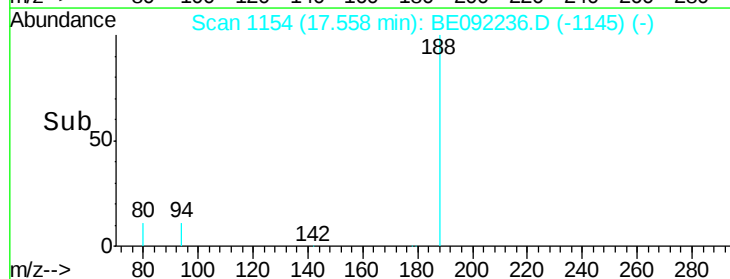
Abundance Ion 188.00 (187.70 to 188.70): E

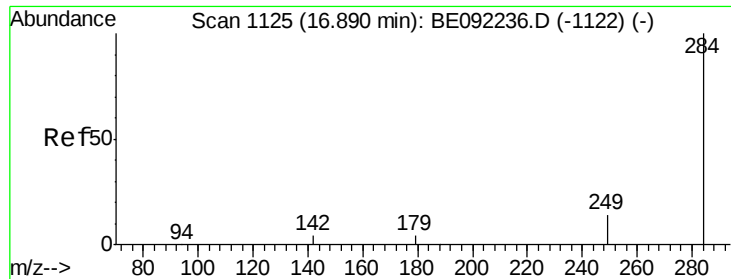
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

17.56

Time-->

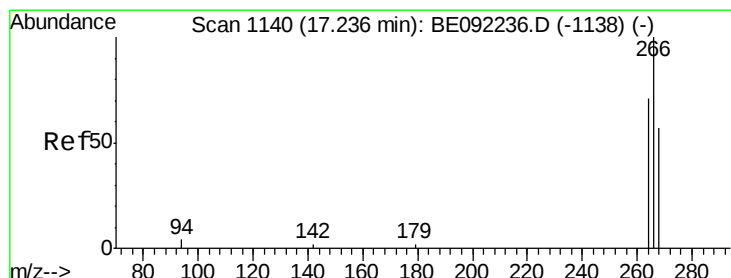
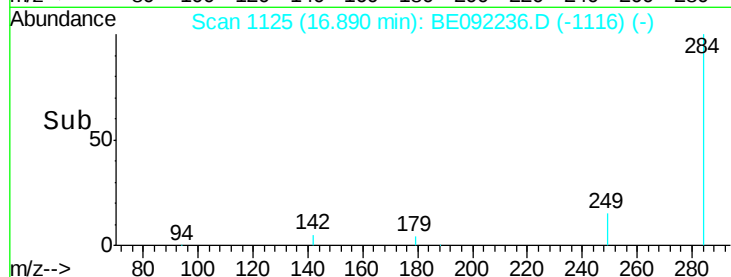
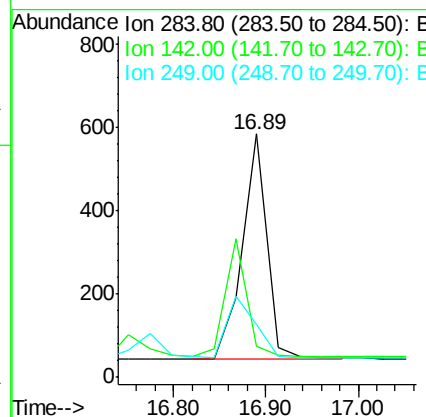
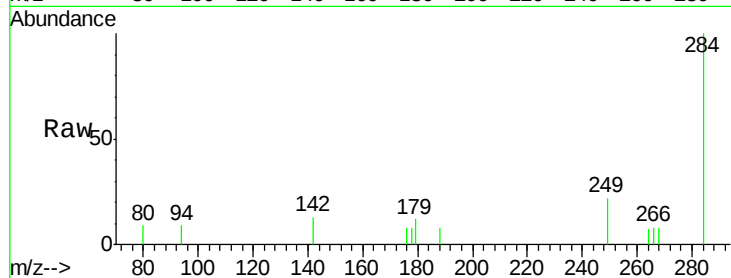




#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092236.D
Acq: 9 Aug 2016 20:02

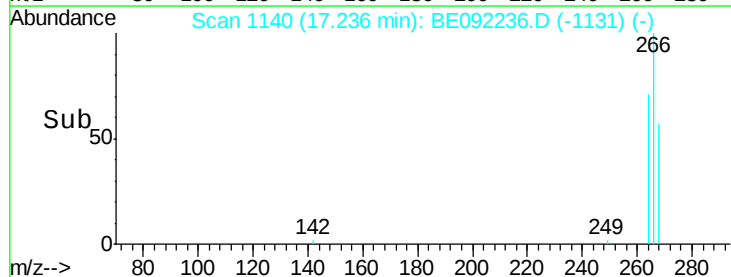
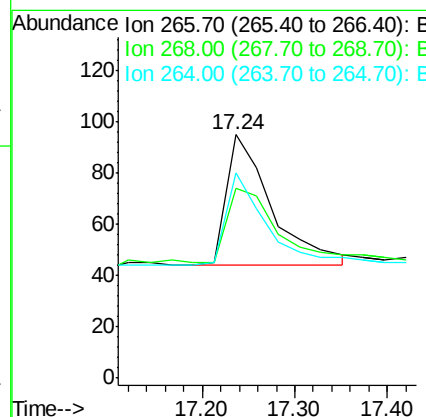
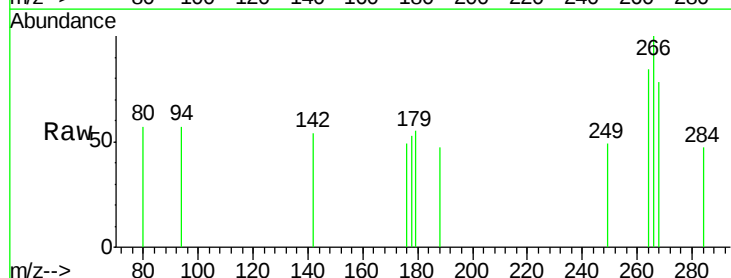
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

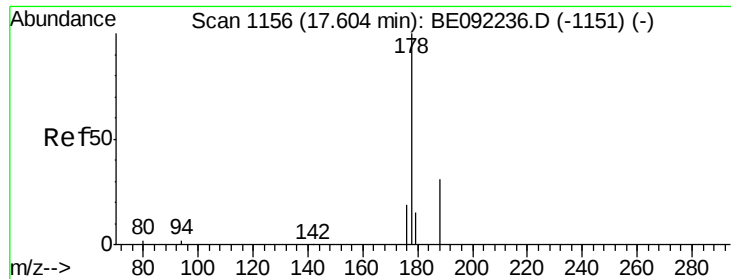
Tgt Ion: 284 Resp: 1002
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#20
Pentachlorophenol
Concen: 0.26 ng
RT: 17.24 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092236.D
Acq: 9 Aug 2016 20:02

Tgt Ion: 266 Resp: 173
Ion Ratio Lower Upper
266 100
268 77.9 62.3 93.5
264 84.2 67.4 101.0





#21

Phenanthrene

Concen: 0.39 ng

RT: 17.60 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

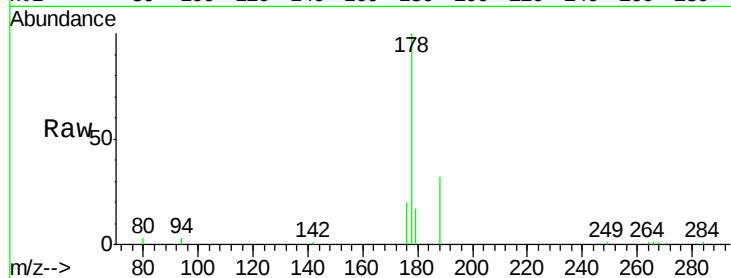
Tgt Ion:178 Resp: 6296

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

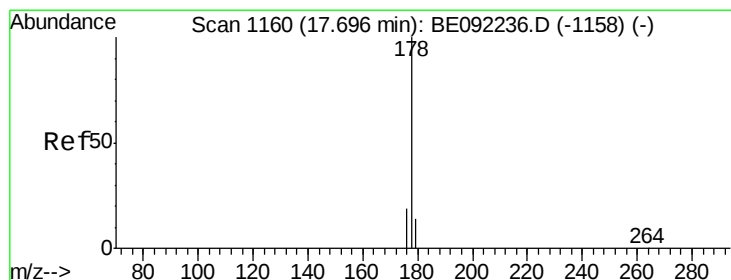
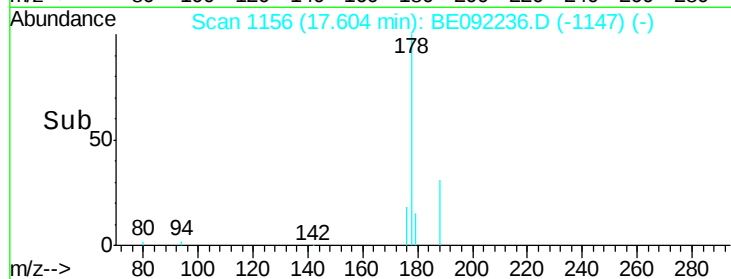
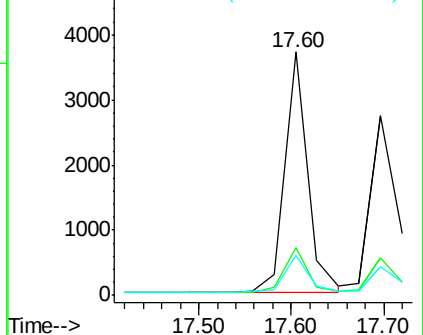
179 16.1 12.9 19.3



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: 0.37 ng

RT: 17.70 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

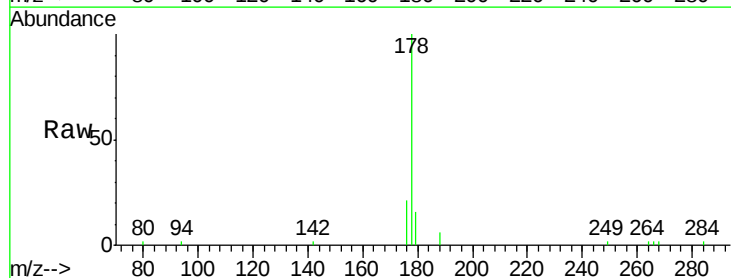
Tgt Ion:178 Resp: 5463

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

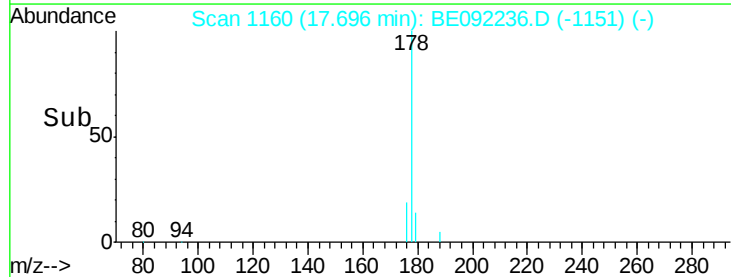
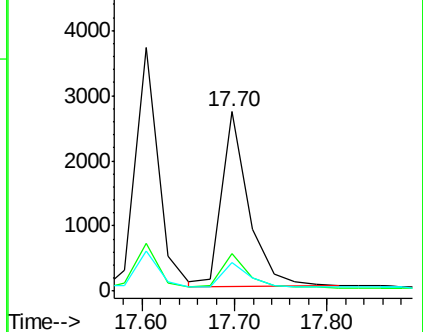
179 15.0 12.0 18.0

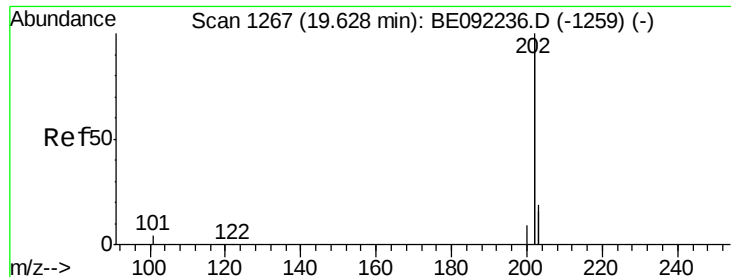


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.38 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

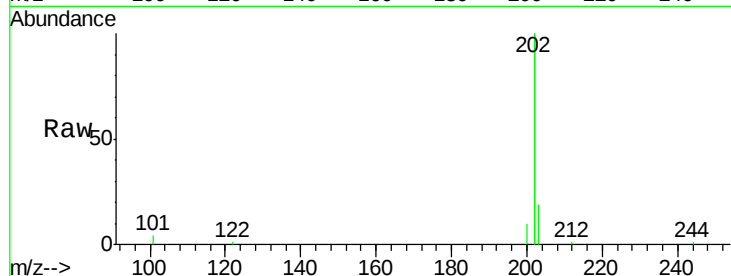
Tgt Ion:202 Resp: 24615

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

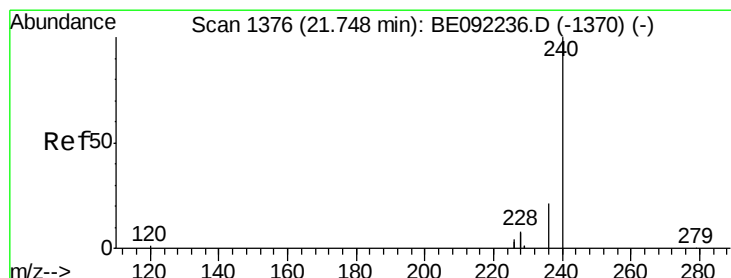
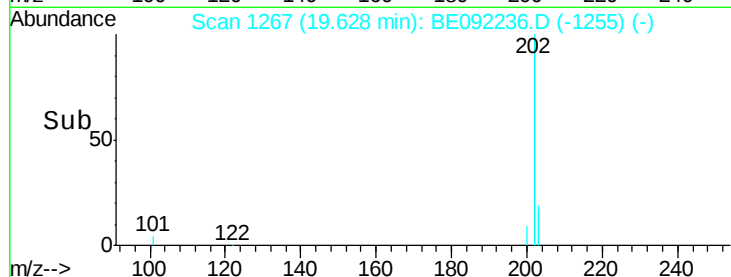
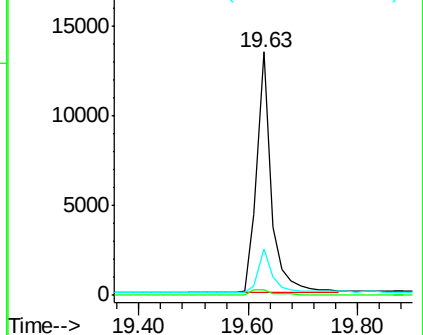
203 17.1 13.7 20.5



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# 1376

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

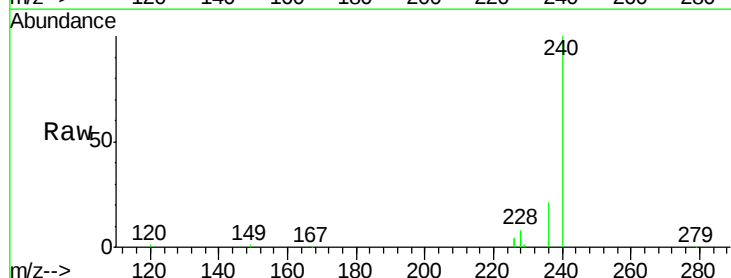
Tgt Ion:240 Resp: 56475

Ion Ratio Lower Upper

240 100

120 1.5 1.2 1.8

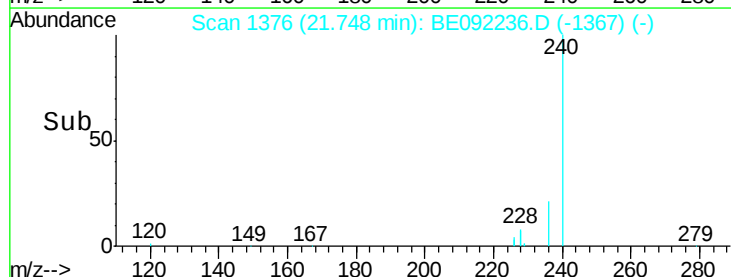
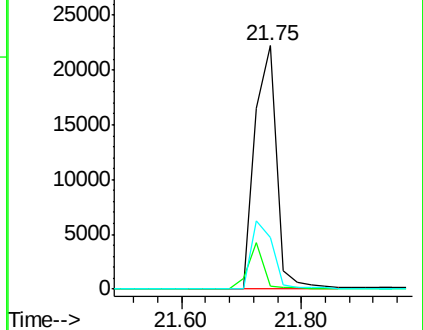
236 21.4 17.1 25.7

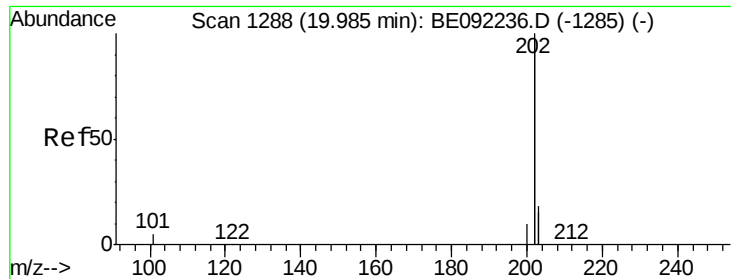


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

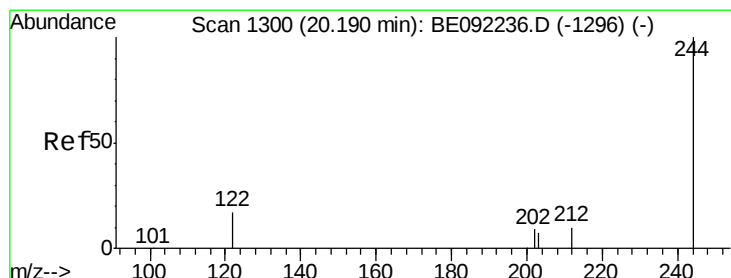
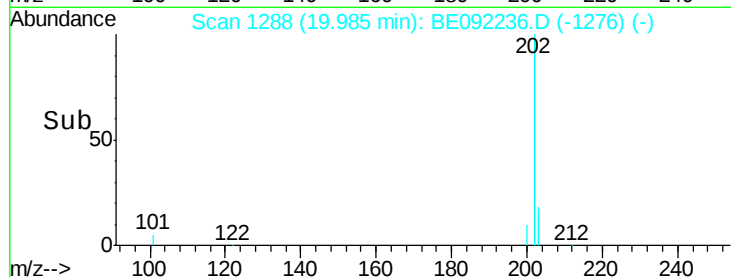
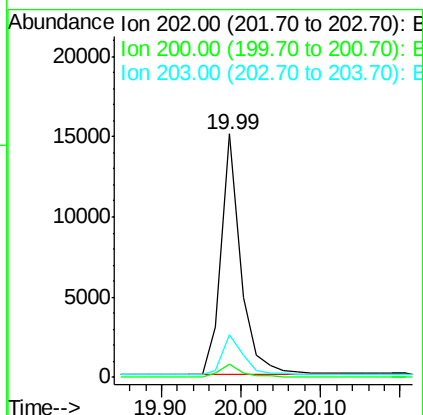
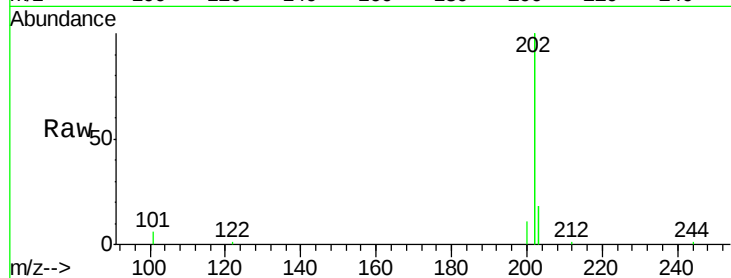




#25
 Pyrene
 Concen: 0.38 ng
 RT: 19.99 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BE092236.D
 Acq: 9 Aug 2016 20:02

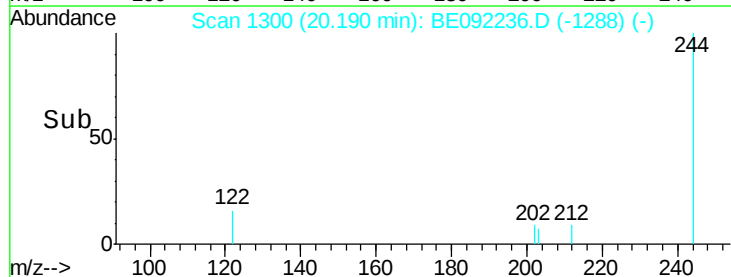
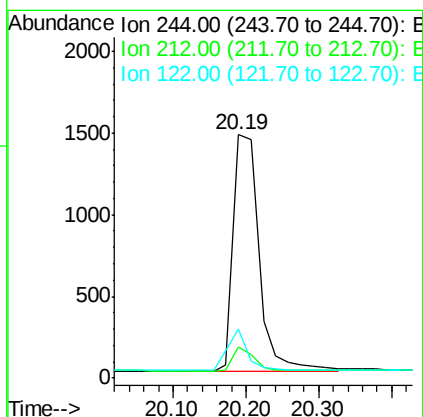
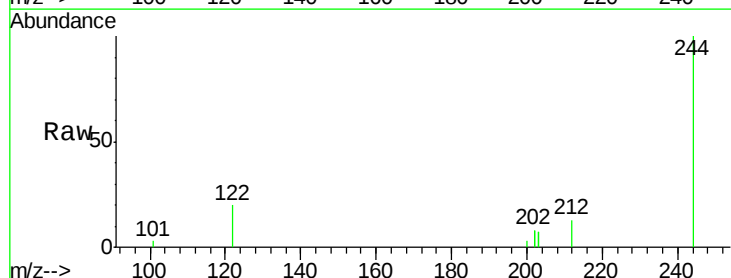
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

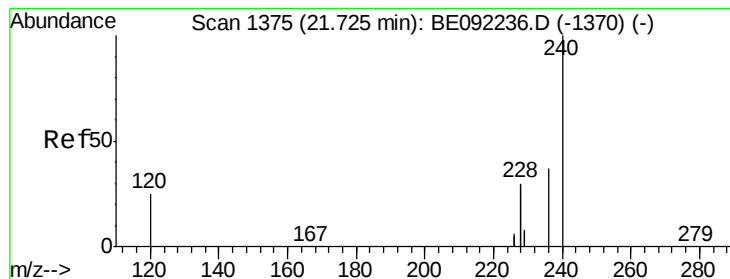
Tgt Ion: 202 Resp: 25528
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.5 14.0 21.0



#26
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092236.D
 Acq: 9 Aug 2016 20:02

Tgt Ion: 244 Resp: 3534
 Ion Ratio Lower Upper
 244 100
 212 12.7 10.2 15.2
 122 19.9 15.9 23.9





#27

Benzo(a)anthracene

Concen: 0.37 ng

RT: 21.73 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

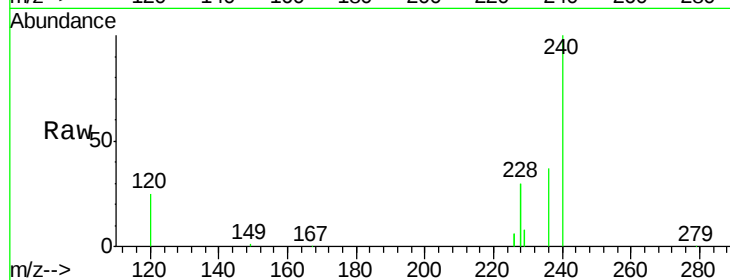
Tgt Ion:228 Resp: 25260

Ion Ratio Lower Upper

228 100

226 19.9 15.9 23.9

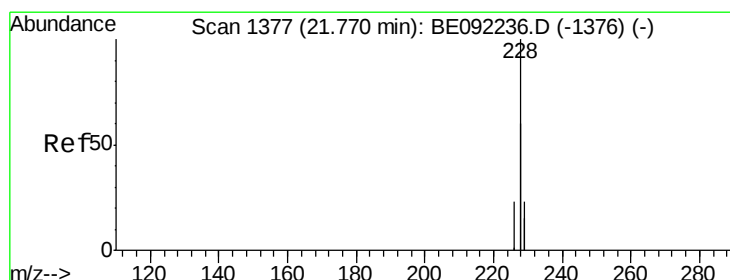
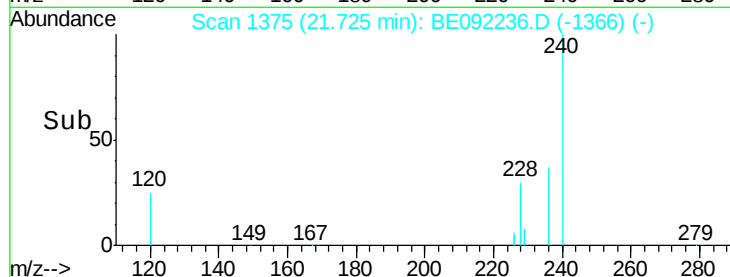
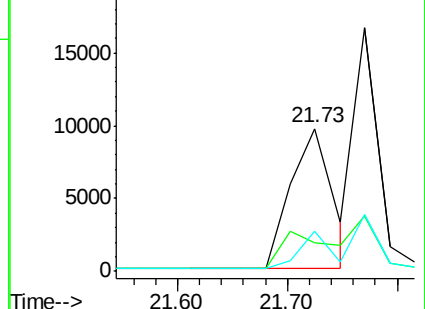
229 28.0 22.4 33.6



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: 0.40 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.05 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

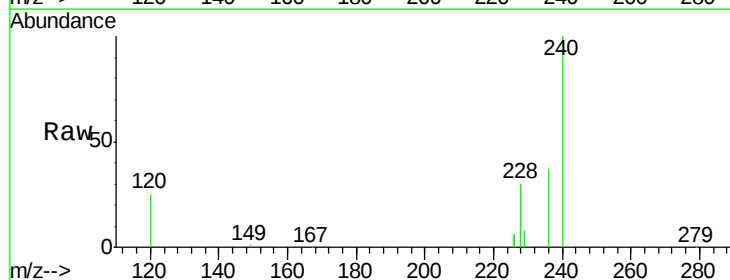
Tgt Ion:228 Resp: 25260

Ion Ratio Lower Upper

228 100

226 19.9 18.3 27.5

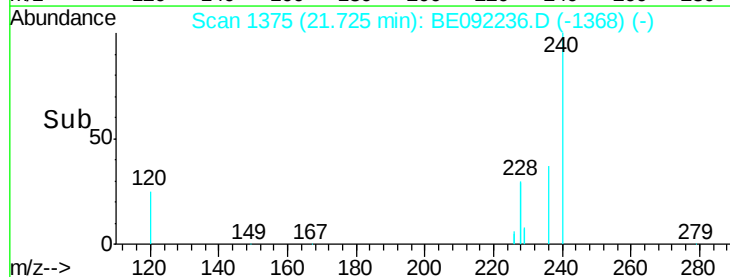
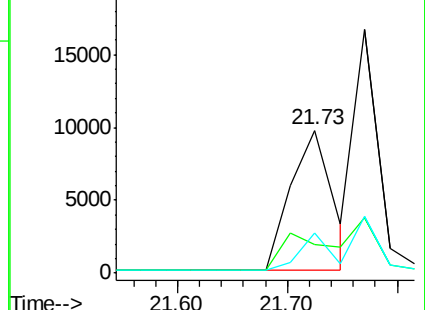
229 28.0 18.6 27.8#

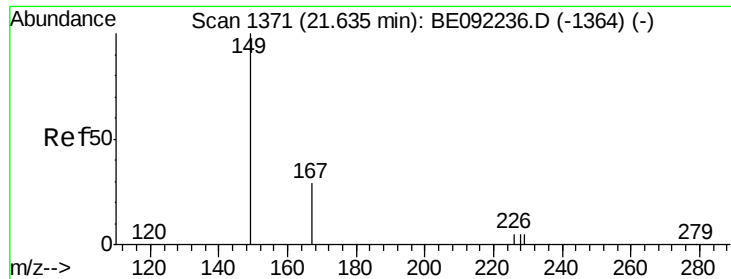


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.63 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

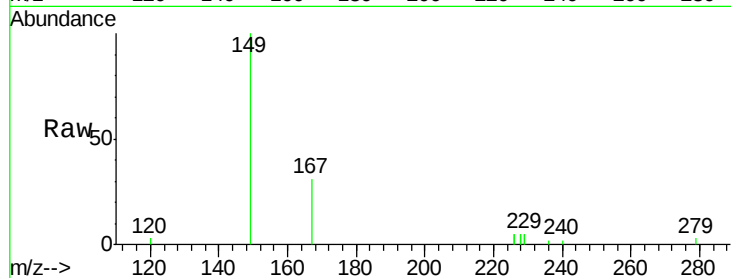
Tgt Ion:149 Resp: 2838

Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

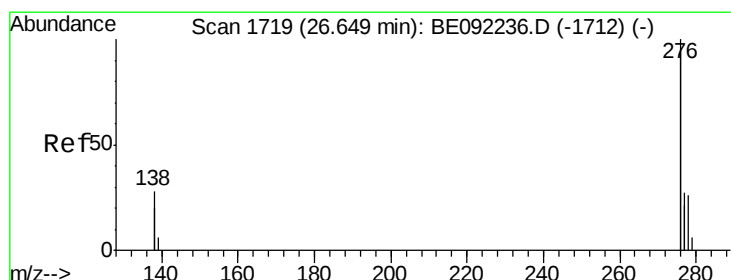
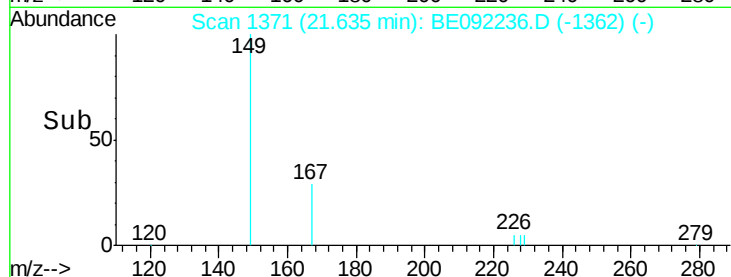
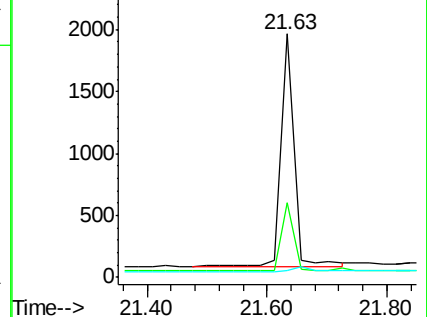
279 0.0 0.0 0.0



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: 0.36 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

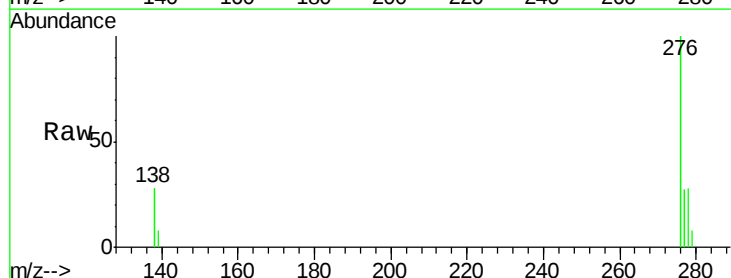
Tgt Ion:276 Resp: 24484

Ion Ratio Lower Upper

276 100

138 26.6 21.3 31.9

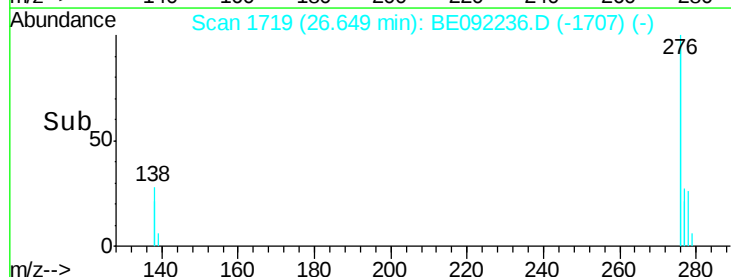
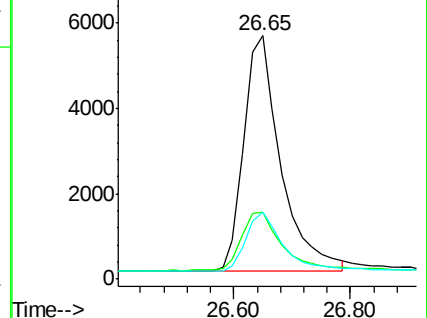
277 24.6 19.7 29.5

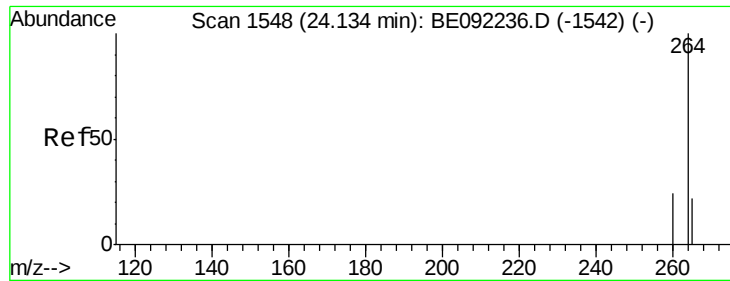


Abundance Ion 276.00 (275.70 to 276.70): E

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: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

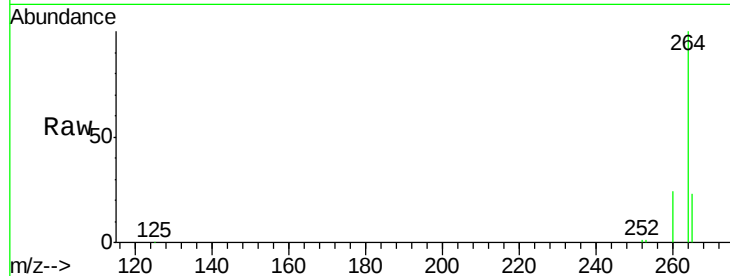
Tgt Ion:264 Resp: 58733

Ion Ratio Lower Upper

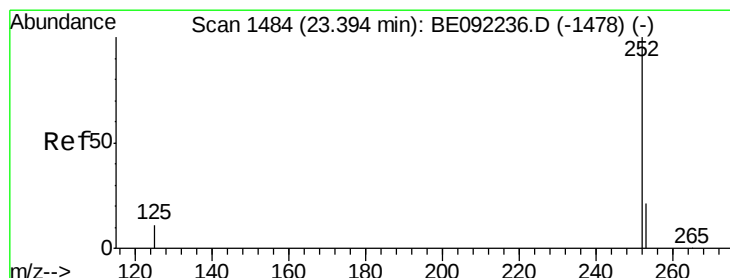
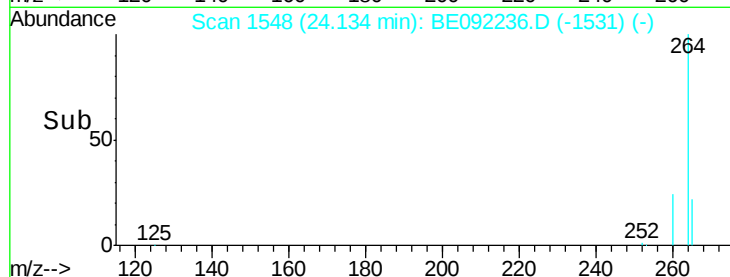
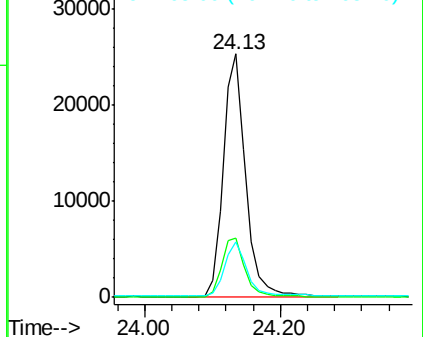
264 100

260 24.4 19.5 29.3

265 22.8 18.2 27.4



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: 0.37 ng

RT: 23.39 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

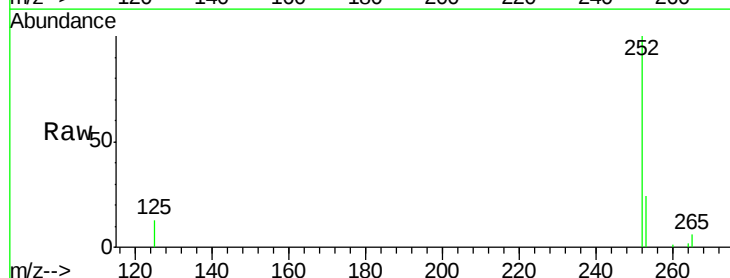
Tgt Ion:252 Resp: 5682

Ion Ratio Lower Upper

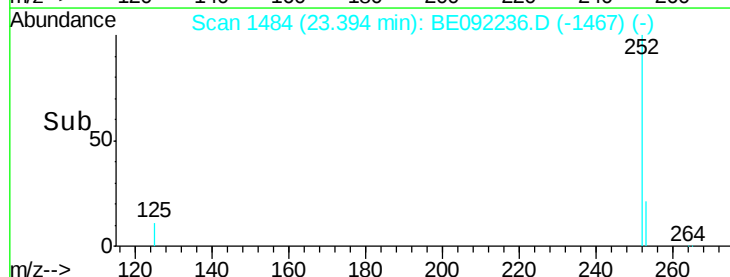
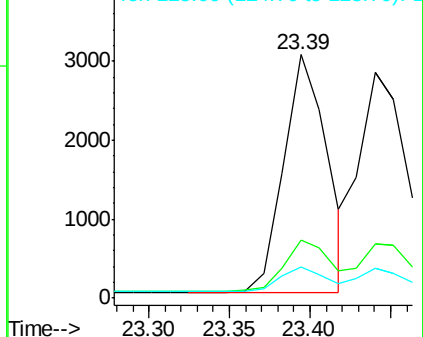
252 100

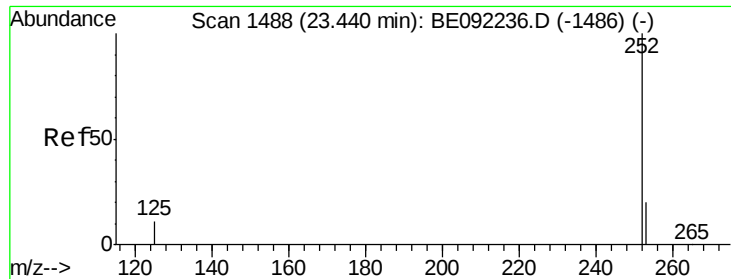
253 23.7 19.0 28.4

125 12.9 10.3 15.5



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: 0.39 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

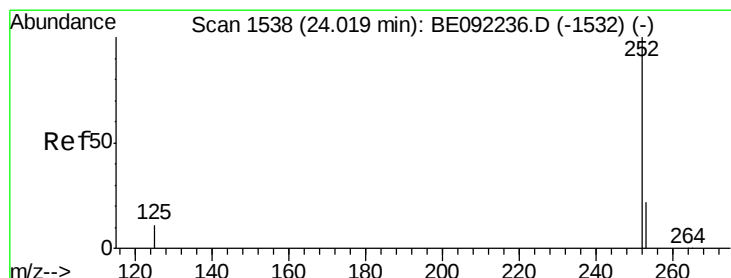
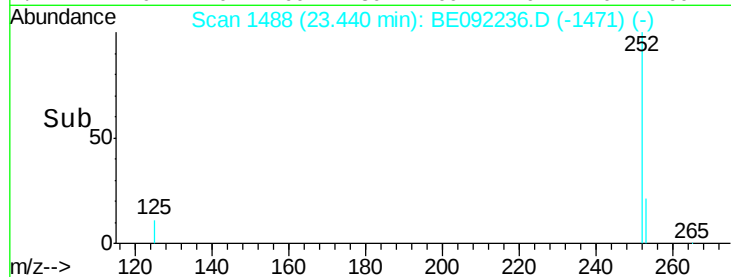
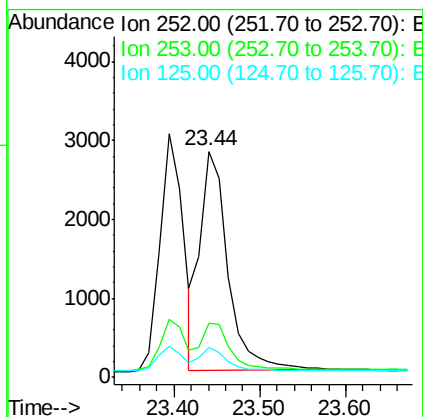
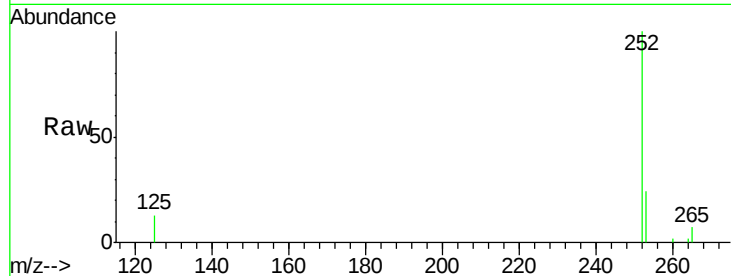
Tgt Ion:252 Resp: 6256

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.6

125 13.2 10.6 15.8



#34

Benzo(a)pyrene

Concen: 0.37 ng

RT: 24.02 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

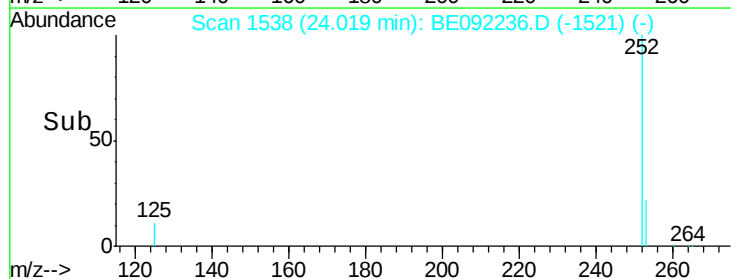
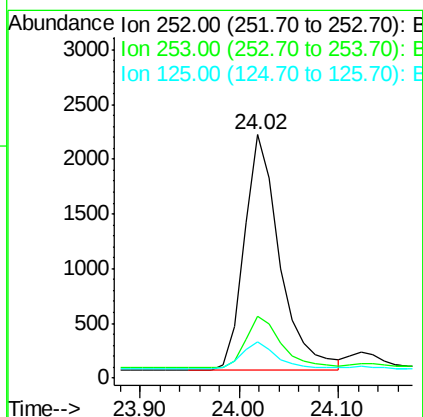
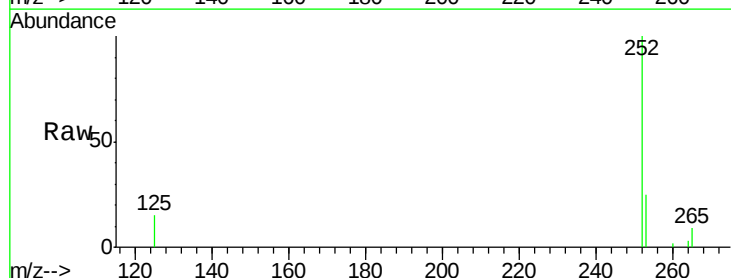
Tgt Ion:252 Resp: 5324

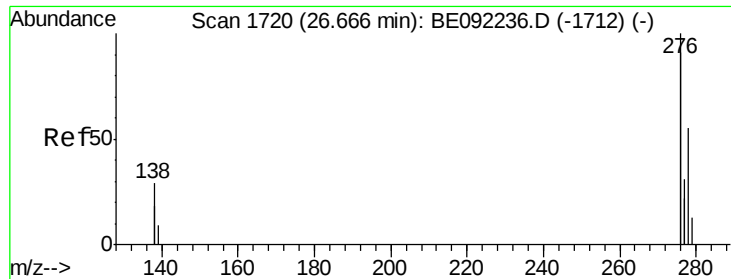
Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

125 14.7 11.8 17.6





#35

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.67 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

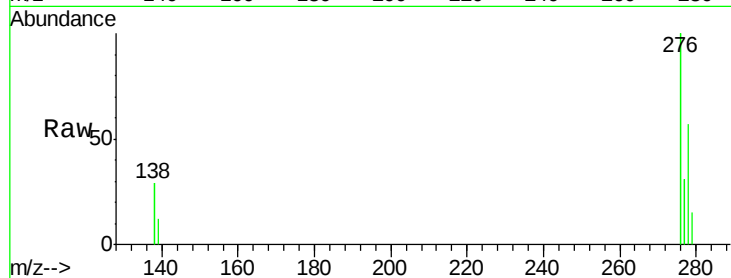
Tgt Ion:278 Resp: 4846

Ion Ratio Lower Upper

278 100

139 20.2 16.2 24.2

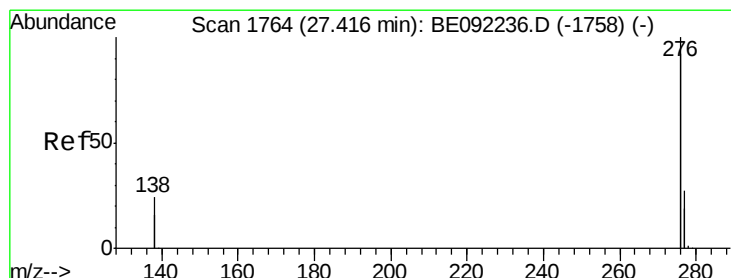
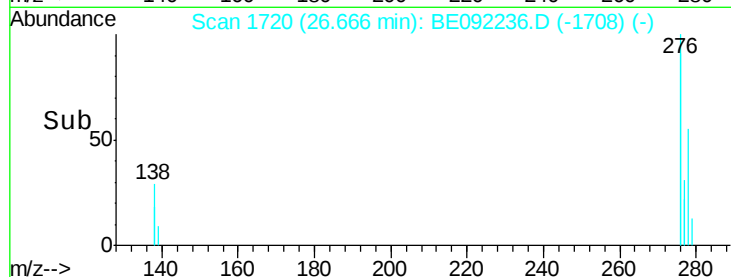
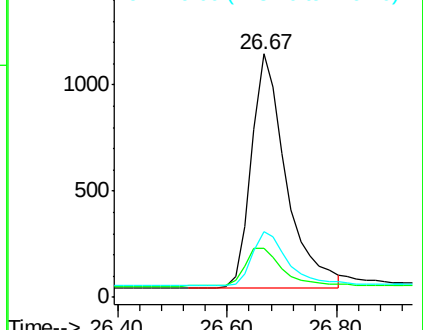
279 26.8 21.4 32.2



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: 0.38 ng

RT: 27.42 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BE092236.D

Acq: 9 Aug 2016 20:02

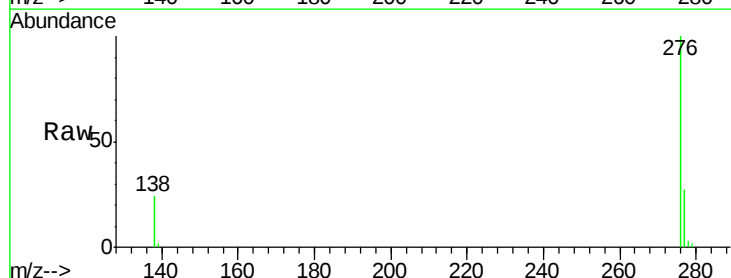
Tgt Ion:276 Resp: 22118

Ion Ratio Lower Upper

276 100

277 26.8 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

