

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
 Data File : BE092536.D
 Acq On : 16 Nov 2016 15:22
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

Quant Time: Nov 16 16:04:08 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7288	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	34912	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	25043	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	54862	5.00	ng	0.00
24) Chrysene-d12	21.72	240	80211	5.00	ng	0.00
31) Perylene-d12	24.08	264	68082	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.68	112	489	0.40	ng	0.00
5) Phenol-d6	7.36	99	605	0.40	ng	0.00
8) Nitrobenzene-d5	9.22	82	90	0.12	ng	-0.14
13) 2,4,6-Tribromophenol	16.31	330	196	0.35	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2313	0.38	ng	0.00
26) Terphenyl-d14	20.17	244	3242	0.35	ng	0.00

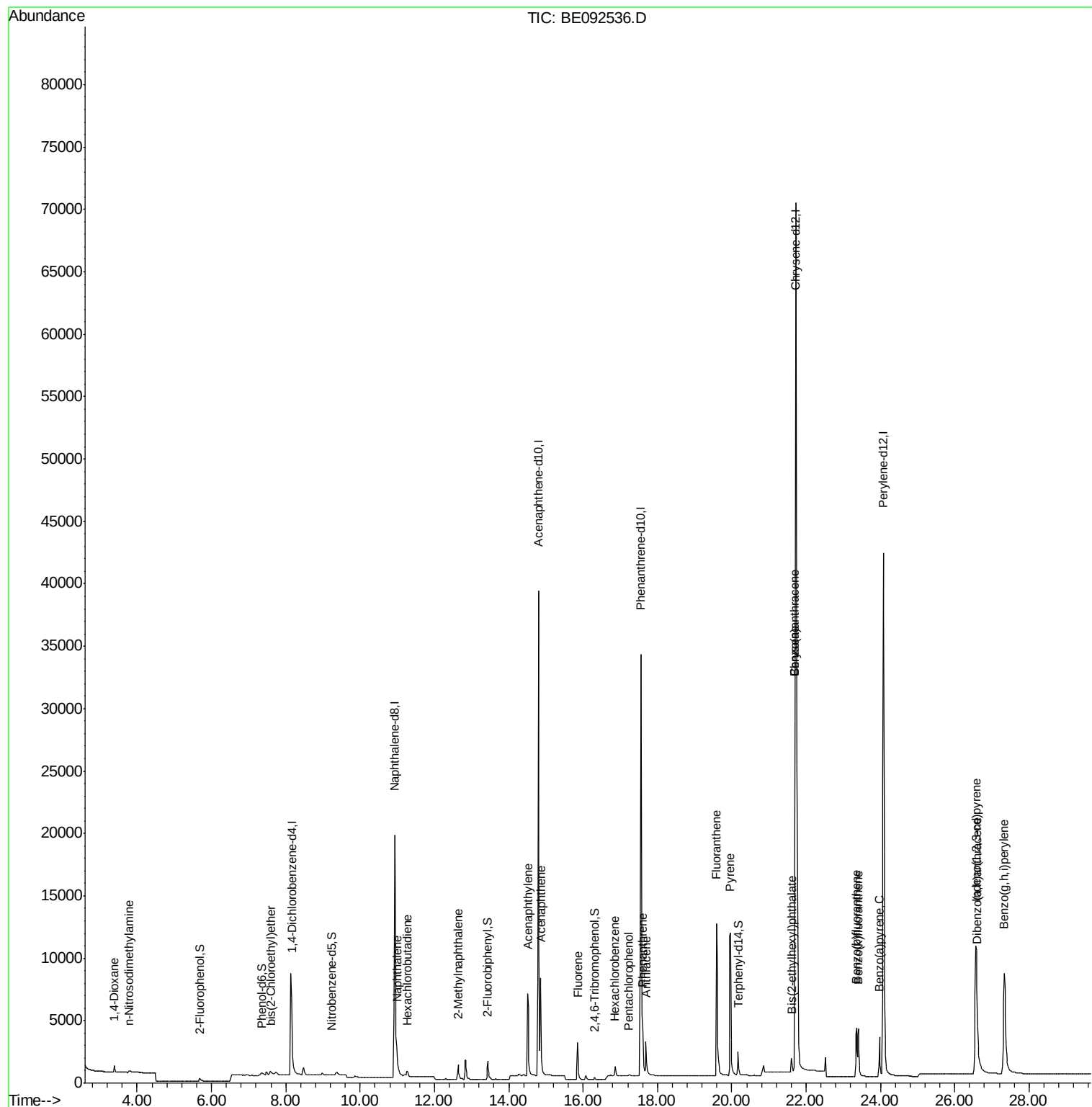
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	425	0.39	ng	# 95
3) n-Nitrosodimethylamine	3.78	42	326	0.44	ng	# 92
6) bis(2-Chloroethyl)ether	7.59	93	697	0.35	ng	# 80
9) Naphthalene	10.99	128	2848	0.40	ng	97
10) Hexachlorobutadiene	11.26	225	434	0.40	ng	99
11) 2-Methylnaphthalene	12.64	142	1723	0.37	ng	94
15) Acenaphthylene	14.51	152	12628	0.36	ng	100
16) Acenaphthene	14.87	154	2173	0.38	ng	96
17) Fluorene	15.86	166	2635	0.37	ng	99
19) Hexachlorobenzene	16.86	284	968	0.45	ng	# 75
20) Pentachlorophenol	17.23	266	144	0.43	ng	91
21) Phenanthrene	17.60	178	4778	0.39	ng	95
22) Anthracene	17.69	178	4456	0.39	ng	99
23) Fluoranthene	19.59	202	21727	0.38	ng	100
25) Pyrene	19.95	202	22886	0.36	ng	99
27) Benzo(a)anthracene	21.70	228	53771	0.79	ng	97
28) Chrysene	21.70	228	54066	0.79	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.61	149	1816	0.46	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.57	276	27195	0.41	ng	98
32) Benzo(b)fluoranthene	23.36	252	6458	0.39	ng	97
33) Benzo(k)fluoranthene	23.41	252	6196	0.36	ng	100
34) Benzo(a)pyrene	23.97	252	5557	0.36	ng	98
35) Dibenzo(a,h)anthracene	26.60	278	5461	0.36	ng	98
36) Benzo(g,h,i)perylene	27.33	276	23797	0.37	ng	98

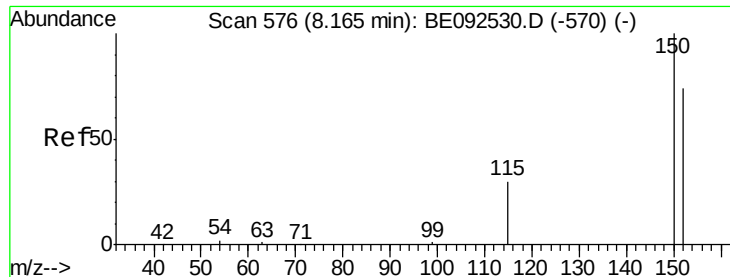
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

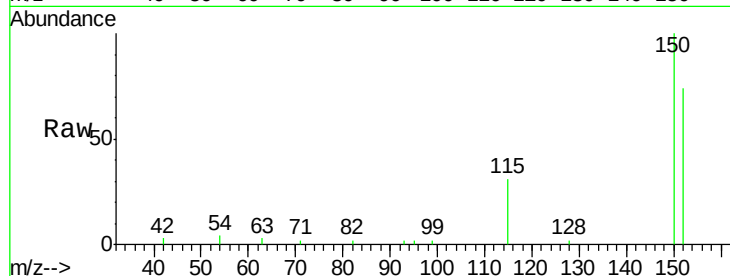
Tgt Ion:152 Resp: 7288

Ion Ratio Lower Upper

152 100

150 135.2 106.0 159.0

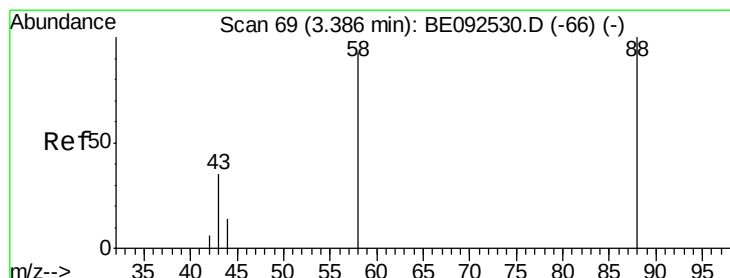
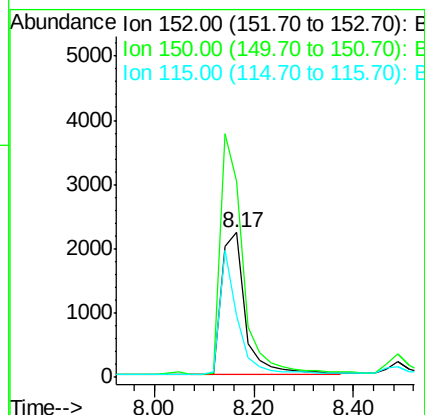
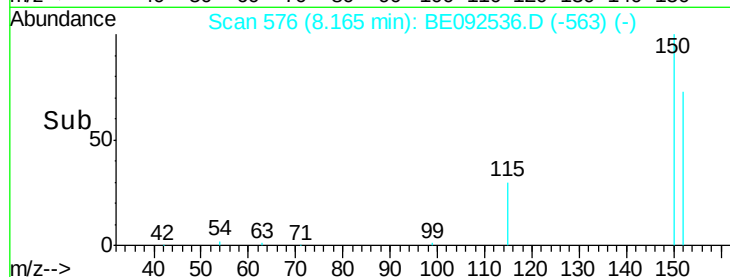
115 42.4 31.2 46.8



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: 0.39 ng

RT: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

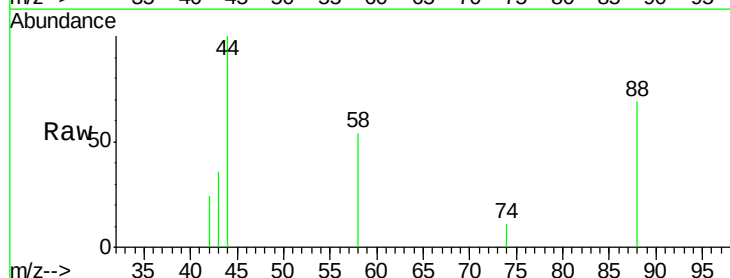
Tgt Ion: 88 Resp: 425

Ion Ratio Lower Upper

88 100

58 77.6 63.6 95.4

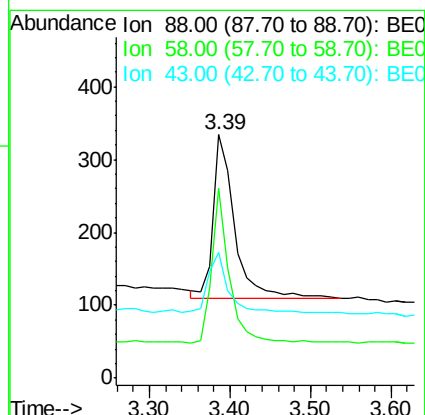
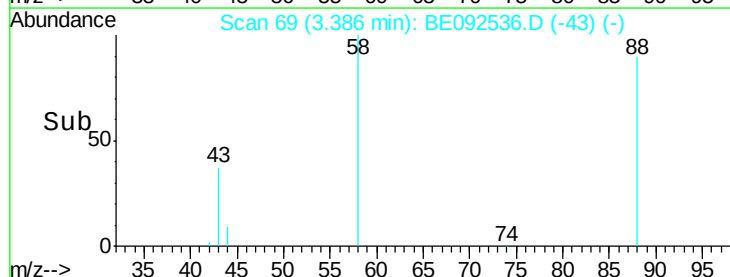
43 42.6 28.0 42.0#

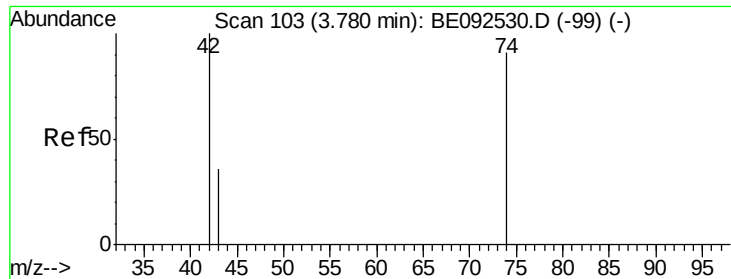


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 3.78 min Scan# 103

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

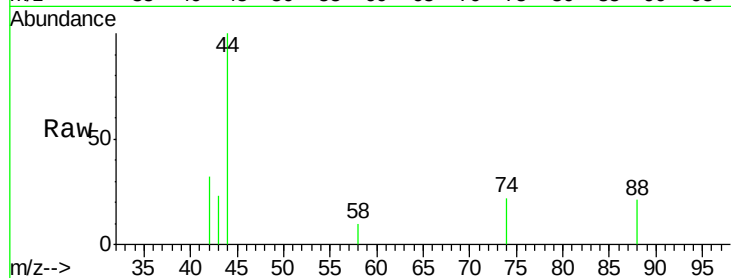
Tgt Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

74 115.0 86.0 129.0

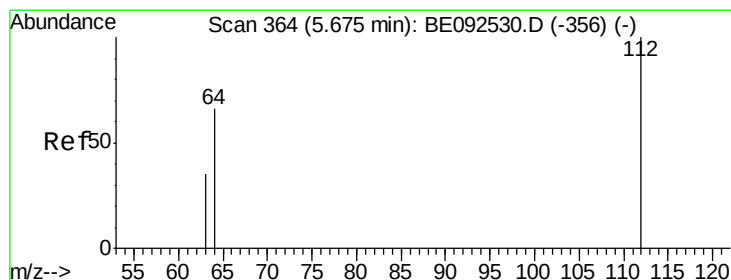
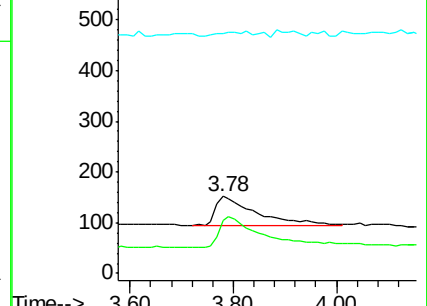
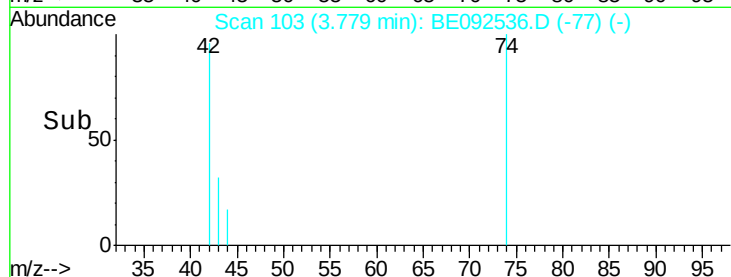
44 0.0 5.1 7.7#



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: 0.40 ng

RT: 5.68 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

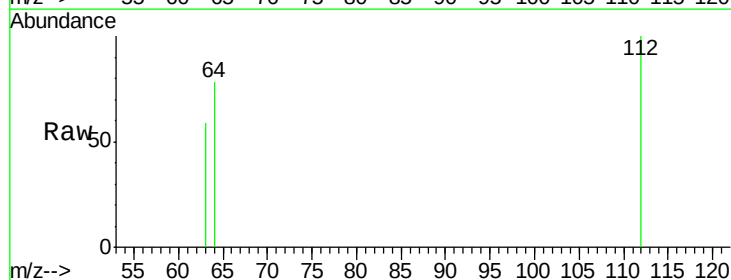
Tgt Ion: 112 Resp: 489

Ion Ratio Lower Upper

112 100

64 66.1 53.5 80.3

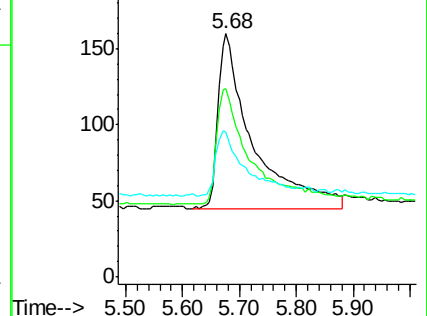
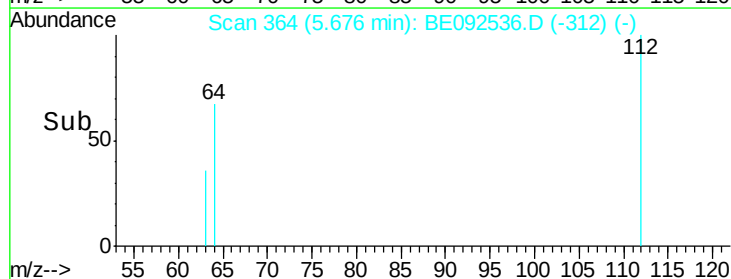
63 32.7 27.9 41.9

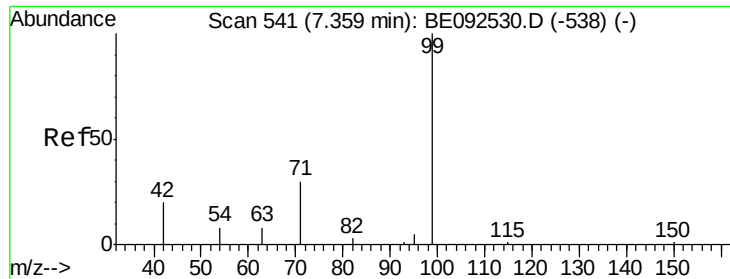


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.40 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

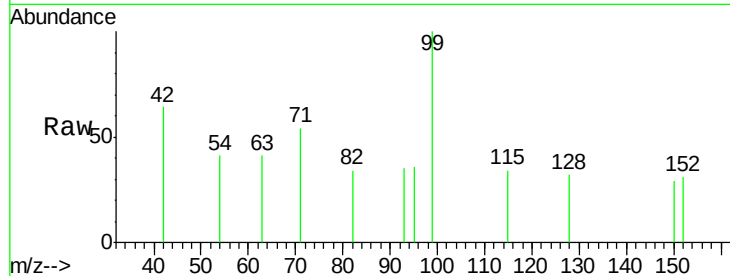
Tgt Ion: 99 Resp: 605

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.36

150

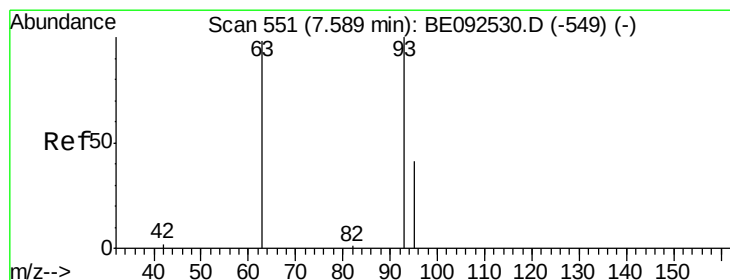
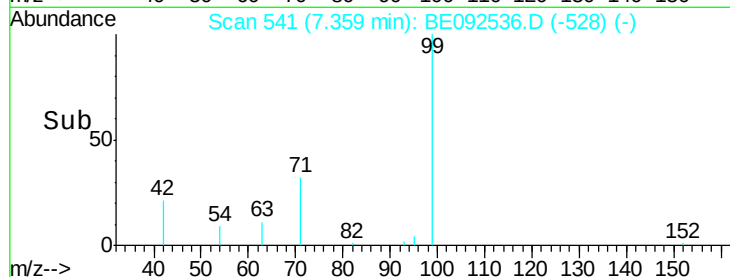
100

50

0

7.20 7.30 7.40 7.50 7.60

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.35 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

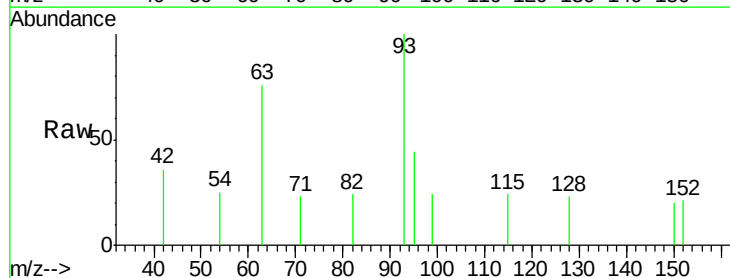
Tgt Ion: 93 Resp: 697

Ion Ratio Lower Upper

93 100

63 64.8 71.6 107.4#

95 30.3 24.0 36.0



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.59

300

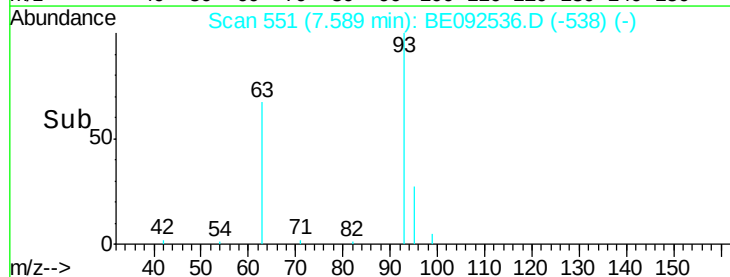
200

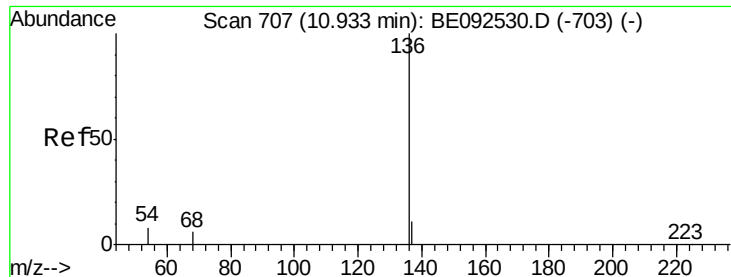
100

0

7.50 7.60 7.70 7.80

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

Tgt Ion:136 Resp: 34912

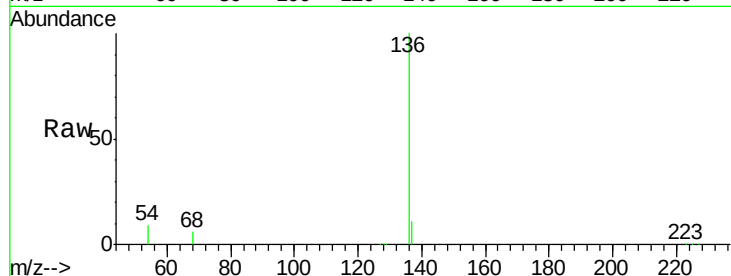
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 8.6 9.6 14.4#

68 6.2 6.7 10.1#

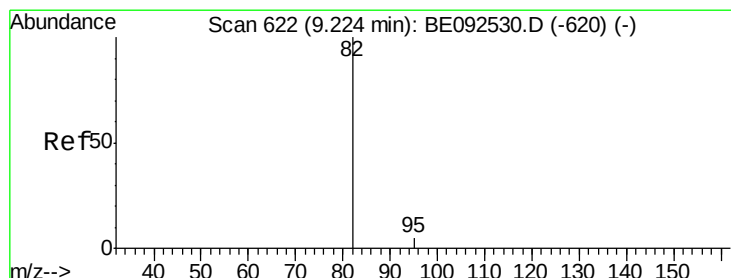
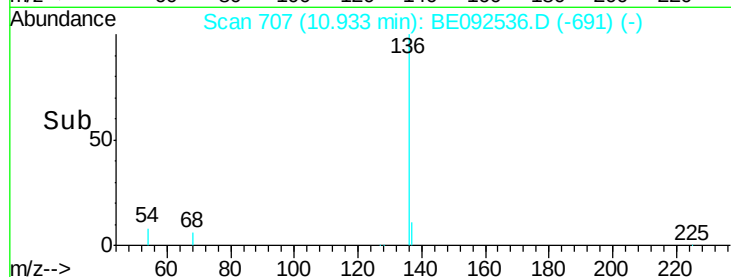
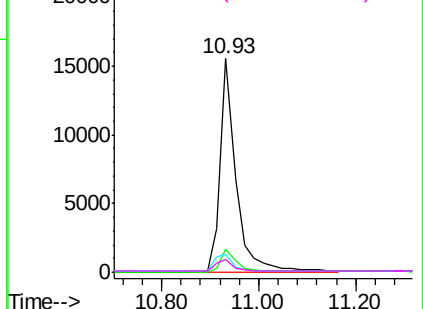


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.12 ng

RT: 9.22 min Scan# 622

Delta R.T. -0.14 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

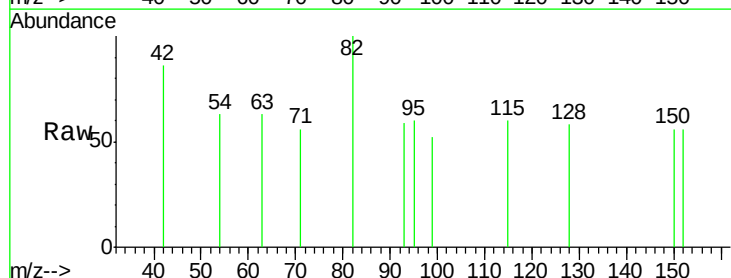
Tgt Ion: 82 Resp: 90

Ion Ratio Lower Upper

82 100

128 58.0 39.0 58.4

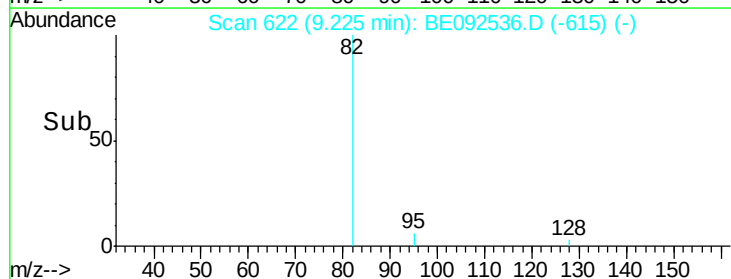
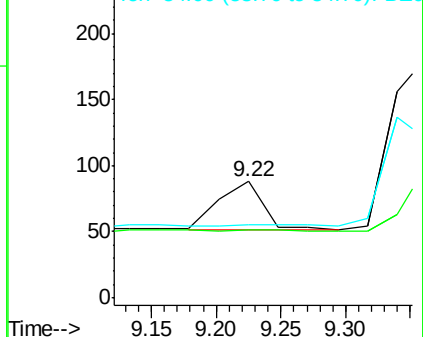
54 62.5 44.8 67.2

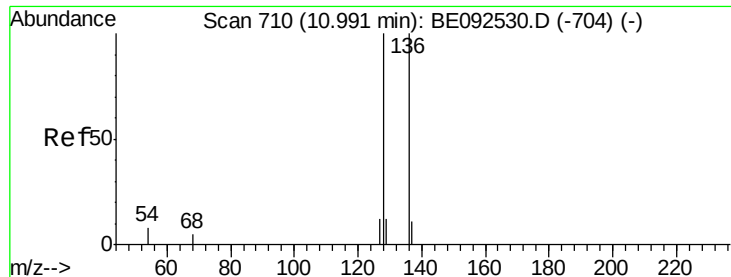


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

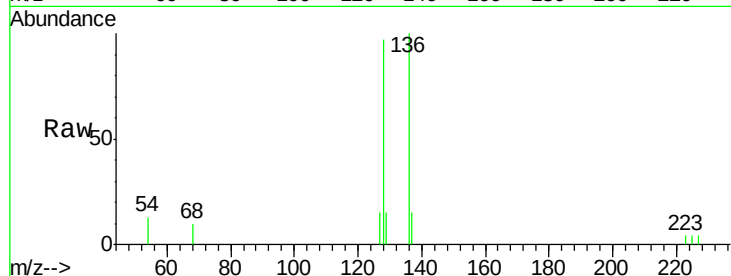
Tgt Ion:128 Resp: 2848

Ion Ratio Lower Upper

128 100

129 15.9 11.2 16.8

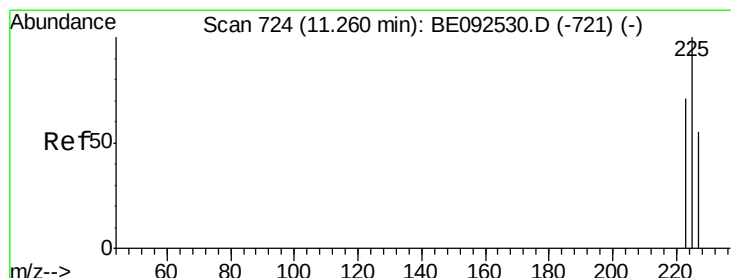
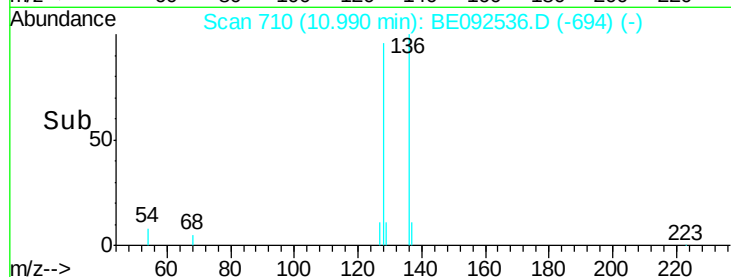
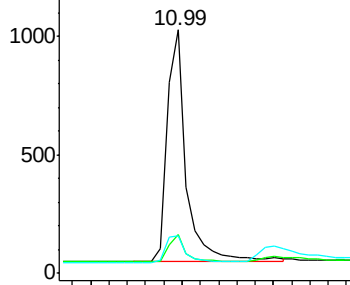
127 15.5 11.6 17.4



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



#10

Hexachlorobutadiene

Concen: 0.40 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

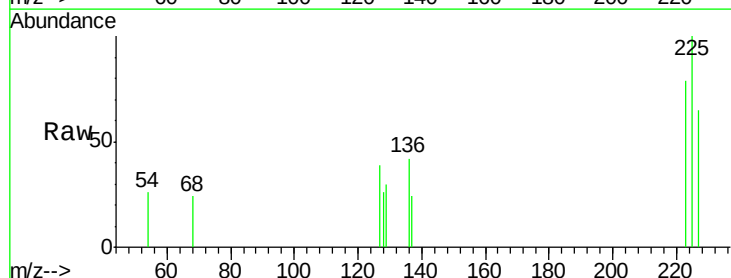
Tgt Ion:225 Resp: 434

Ion Ratio Lower Upper

225 100

223 64.3 50.6 76.0

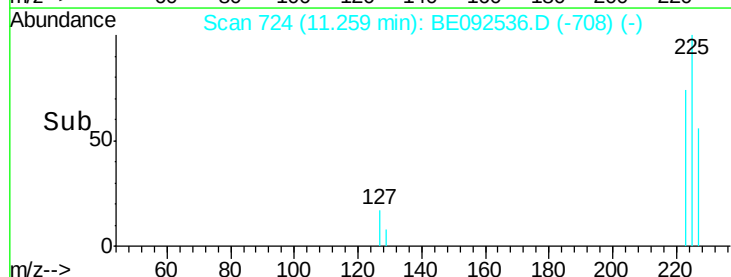
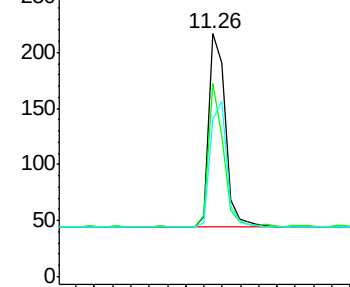
227 65.2 51.4 77.0

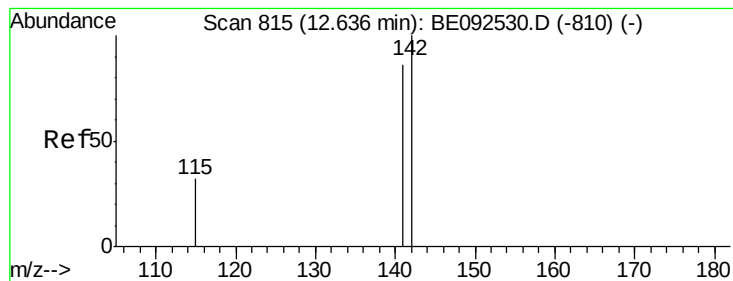


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

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ICVBE111616

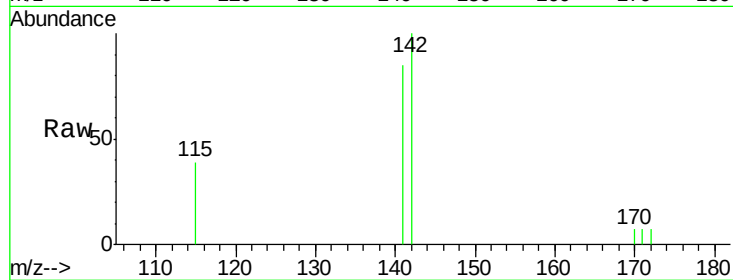
Tgt Ion:142 Resp: 1723

Ion Ratio Lower Upper

142 100

141 85.4 73.7 110.5

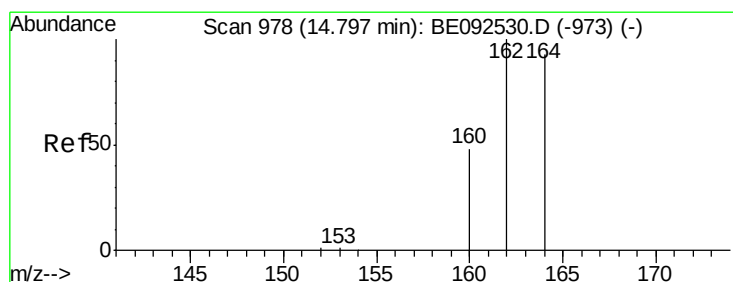
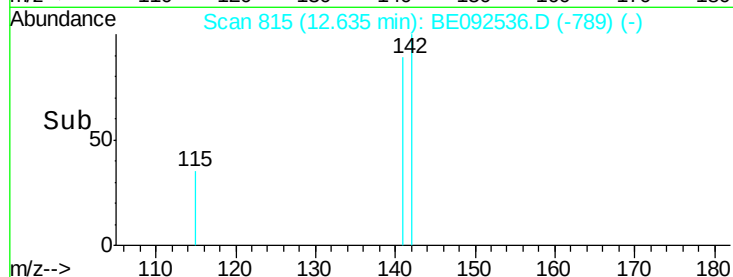
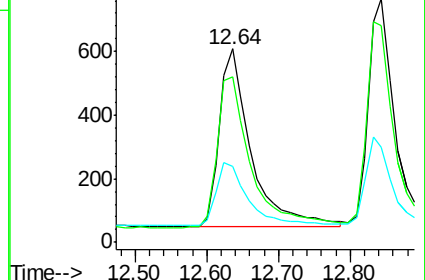
115 39.1 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

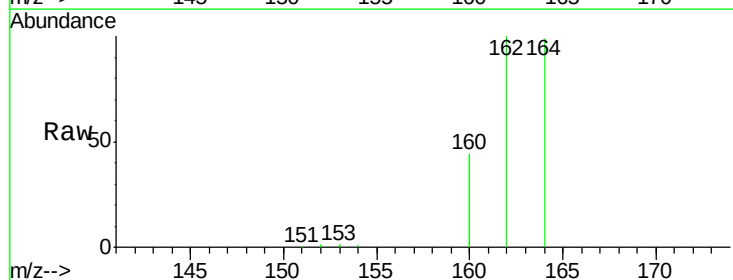
Tgt Ion:164 Resp: 25043

Ion Ratio Lower Upper

164 100

162 101.1 71.4 107.0

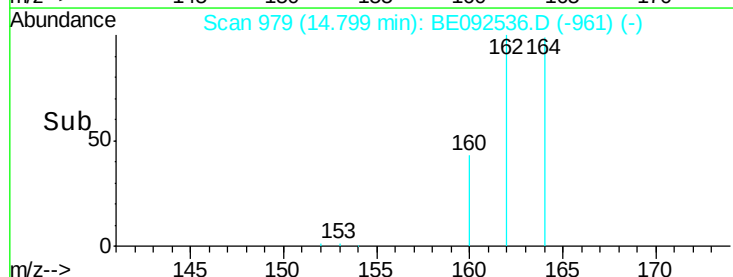
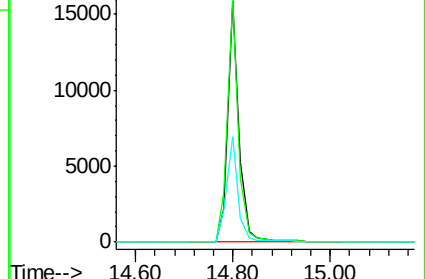
160 44.0 27.4 41.2#

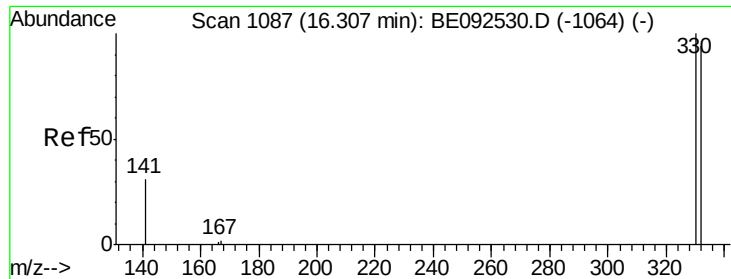


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

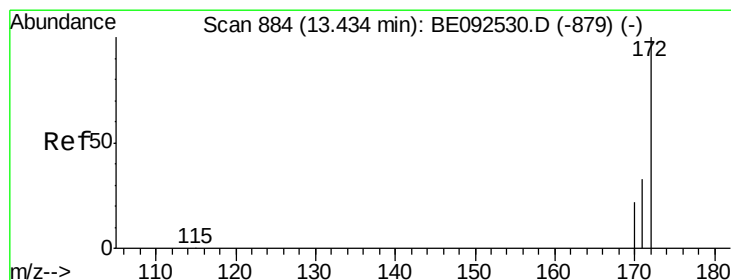
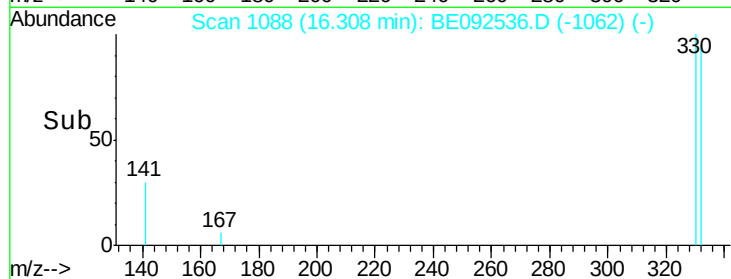
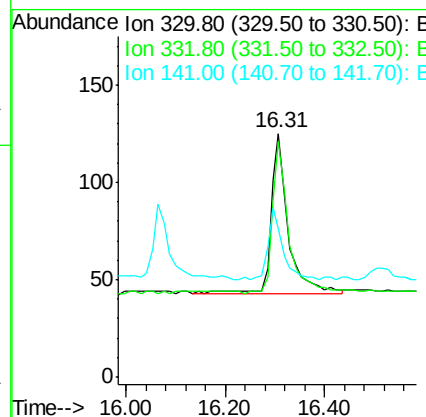
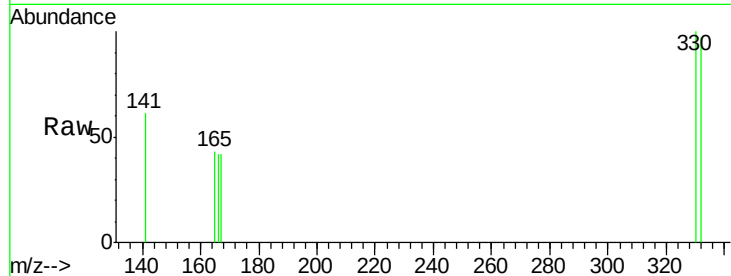




#13
 2,4,6-Tribromophenol
 Concen: 0.35 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

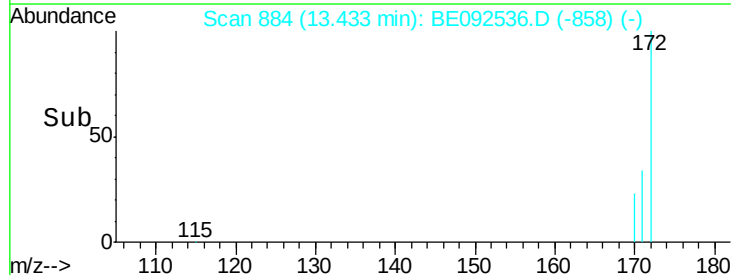
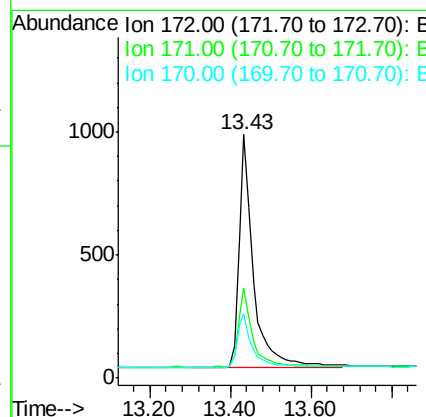
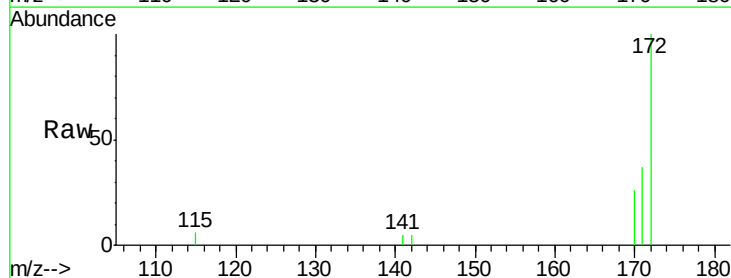
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

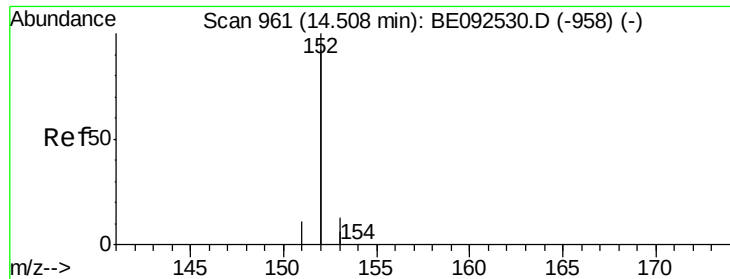
Tgt Ion: 330 Resp: 196
 Ion Ratio Lower Upper
 330 100
 332 90.3 75.4 113.0
 141 38.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

Tgt Ion: 172 Resp: 2313
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 26.4 21.8 32.6





#15

Acenaphthylene

Concen: 0.36 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

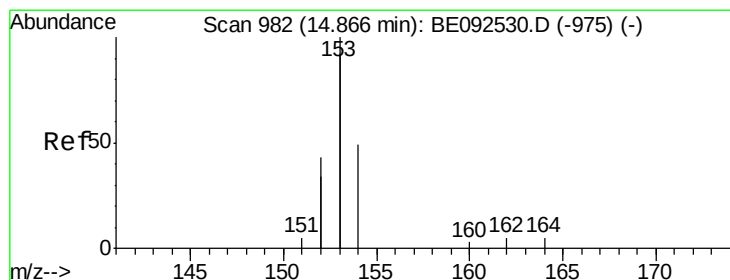
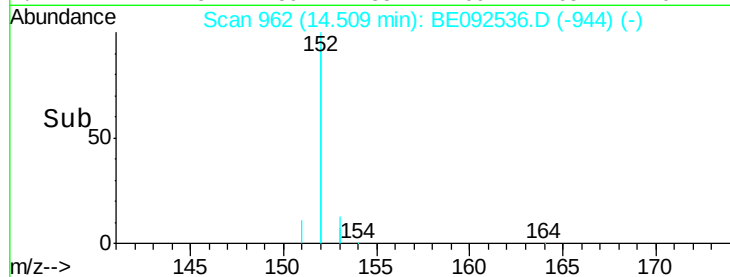
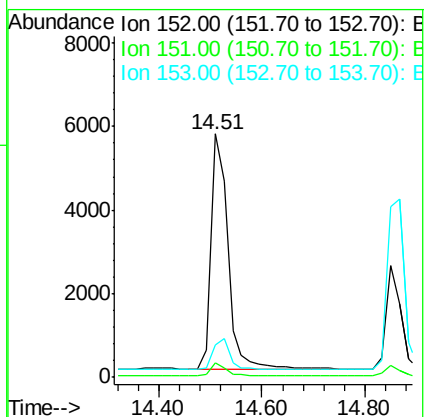
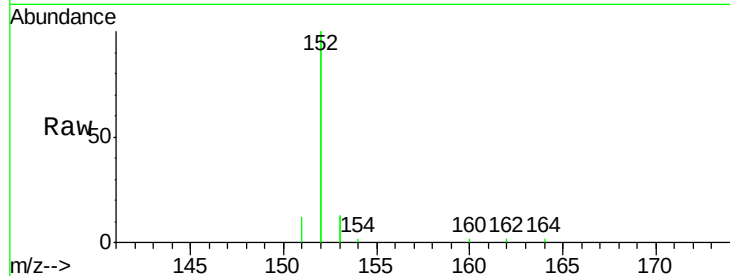
Tgt Ion:152 Resp: 12628

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.2 10.4 15.6



#16

Acenaphthene

Concen: 0.38 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

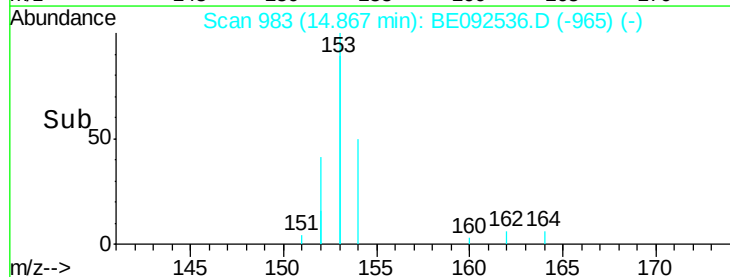
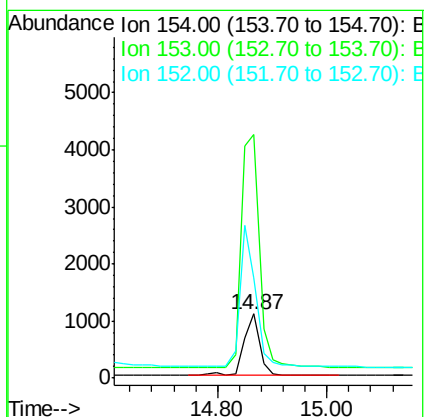
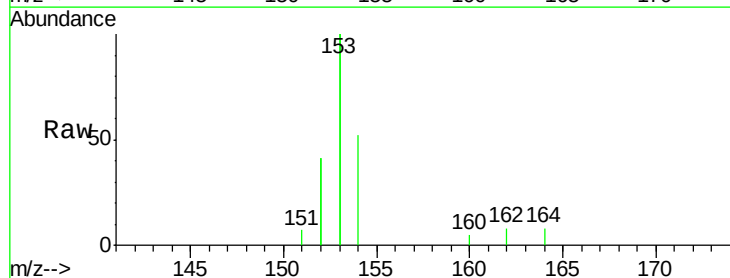
Tgt Ion:154 Resp: 2173

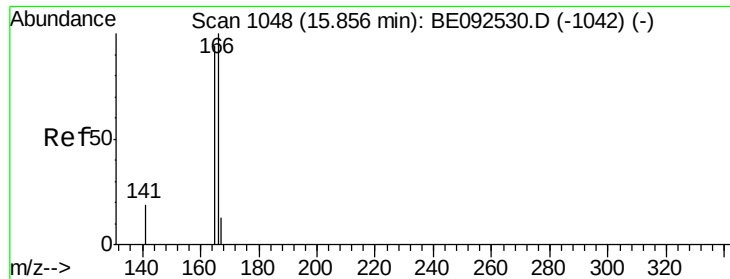
Ion Ratio Lower Upper

154 100

153 432.6 350.8 526.2

152 225.3 171.1 256.7

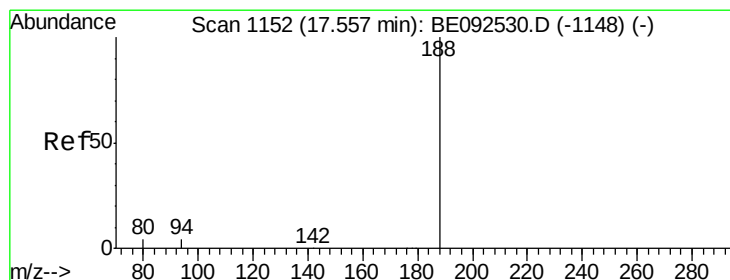
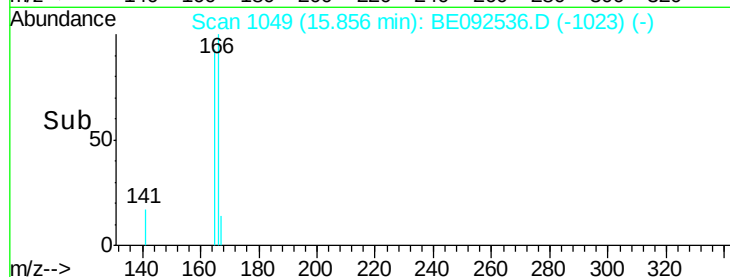
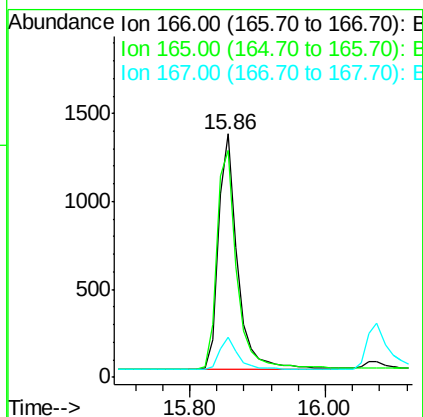
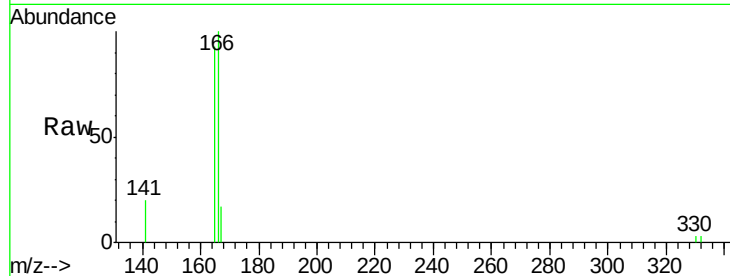




#17
Fluorene
 Concen: 0.37 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

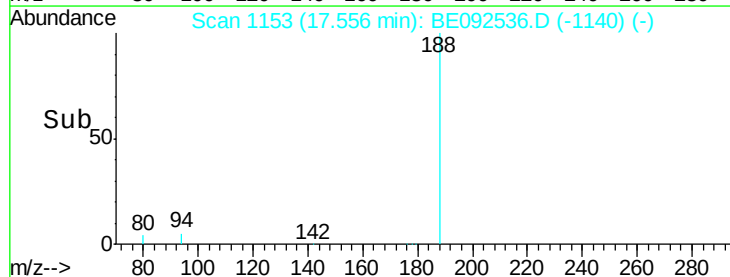
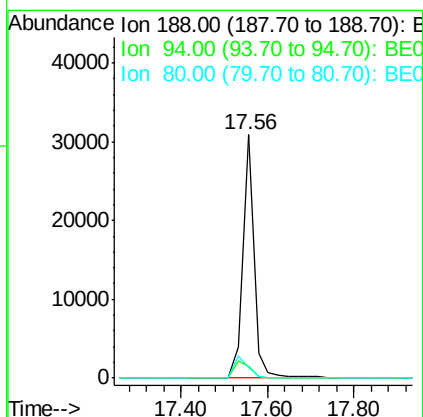
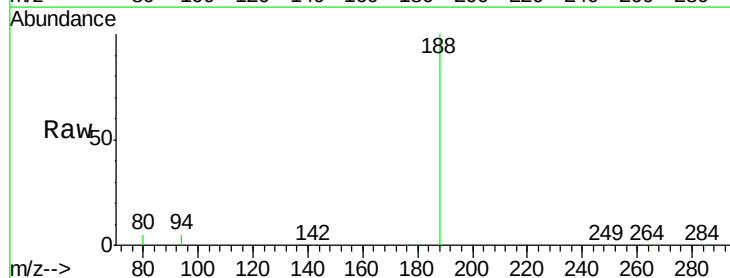
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

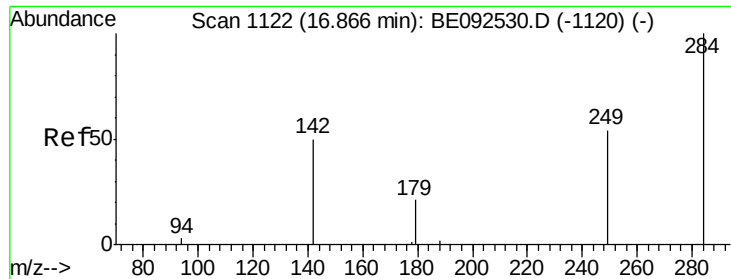
Tgt Ion:166 Resp: 2635
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

Tgt Ion:188 Resp: 54862
 Ion Ratio Lower Upper
 188 100
 94 5.0 3.2 4.8#
 80 4.6 2.6 3.8#

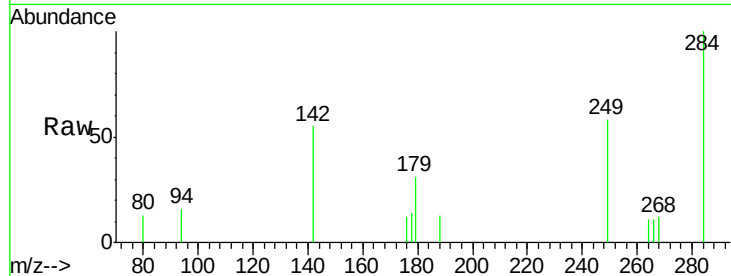




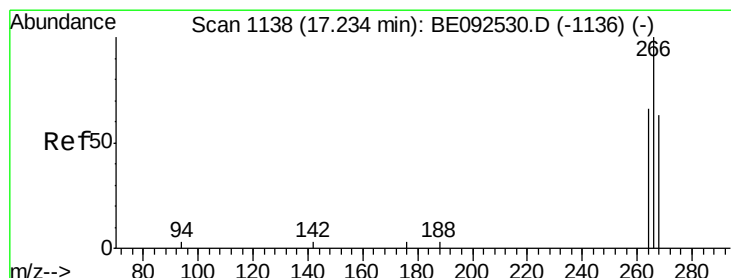
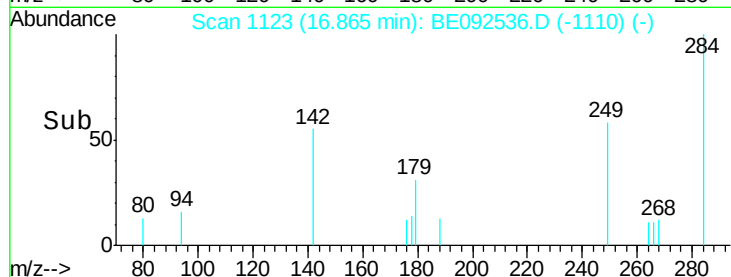
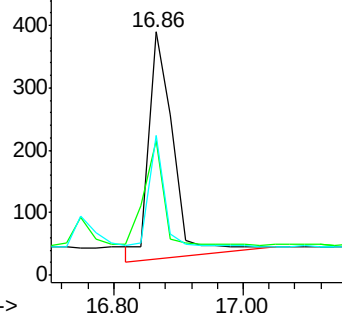
#19
Hexachlorobenzene
Concen: 0.45 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

Instrument :
BNA_E
ClientSampleId :
ICVBE111616

Tgt Ion: 284 Resp: 968
Ion Ratio Lower Upper
284 100
142 51.4 29.1 43.7#
249 49.0 27.9 41.9#

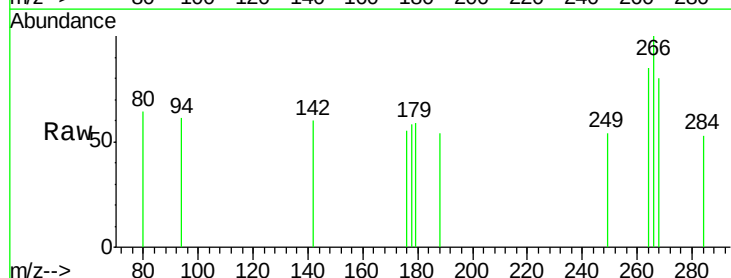


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

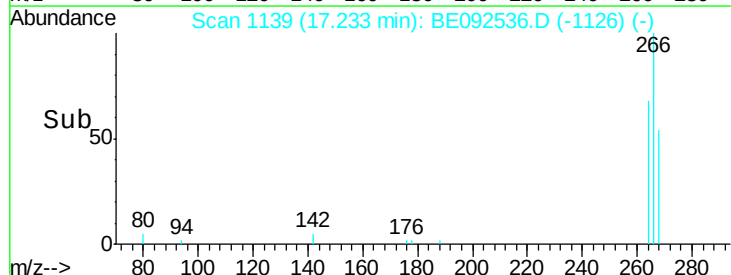
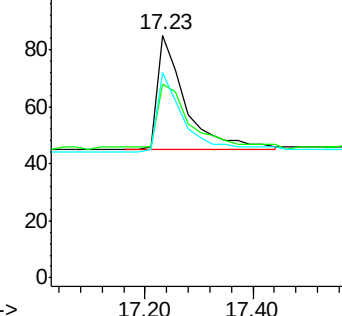


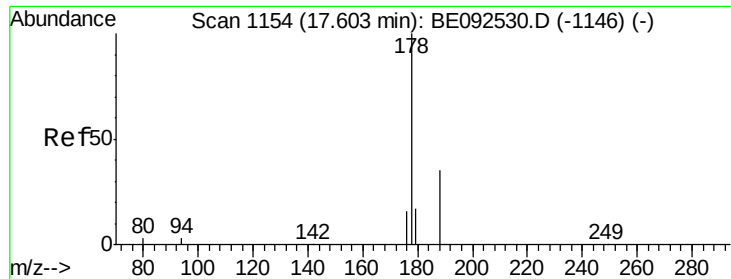
#20
Pentachlorophenol
Concen: 0.43 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

Tgt Ion: 266 Resp: 144
Ion Ratio Lower Upper
266 100
268 80.0 62.5 93.7
264 84.7 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

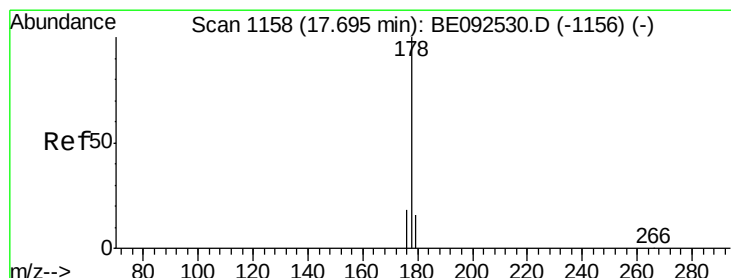
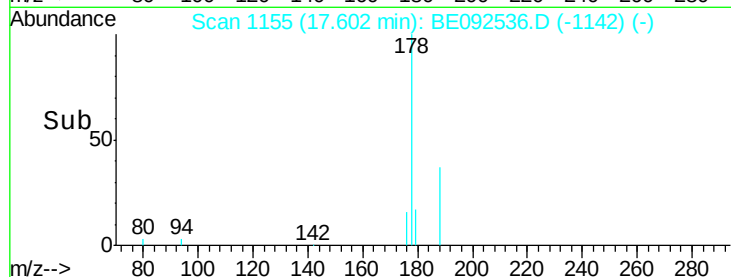
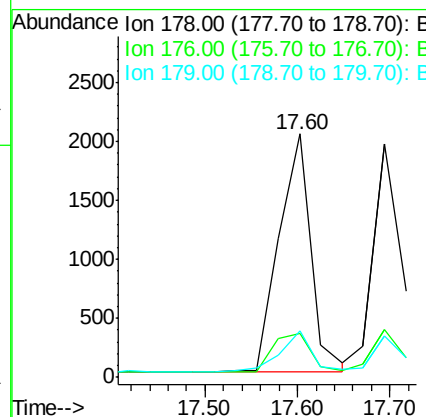
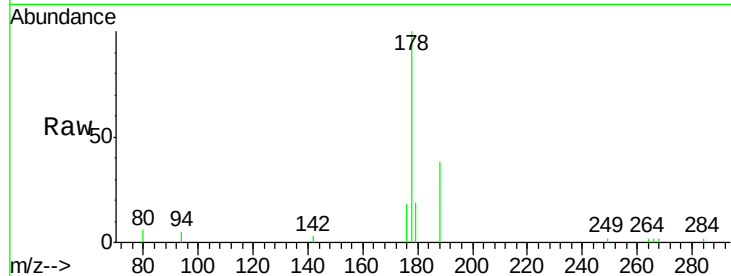




#21
Phenanthrene
Concen: 0.39 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

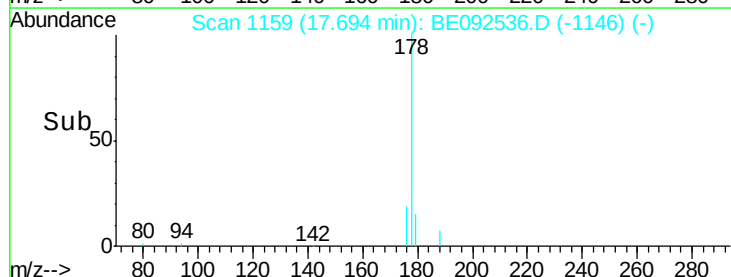
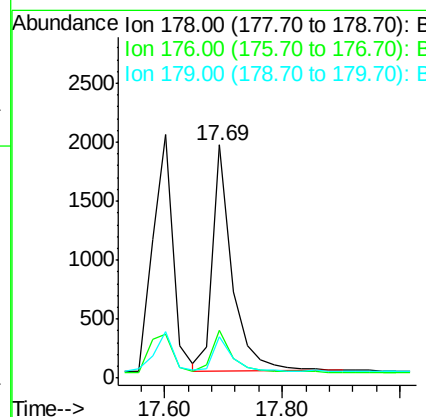
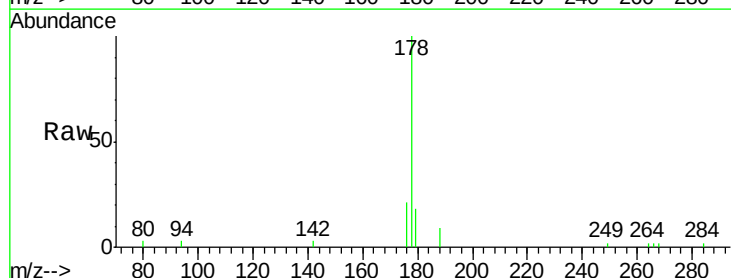
Instrument :
BNA_E
ClientSampleId :
ICVBE111616

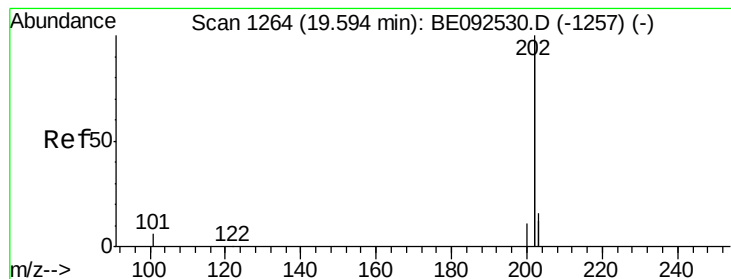
Tgt Ion:178 Resp: 4778
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.3 16.0 24.0



#22
Anthracene
Concen: 0.39 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

Tgt Ion:178 Resp: 4456
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 16.2 12.2 18.2





#23

Fluoranthene

Concen: 0.38 ng

RT: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

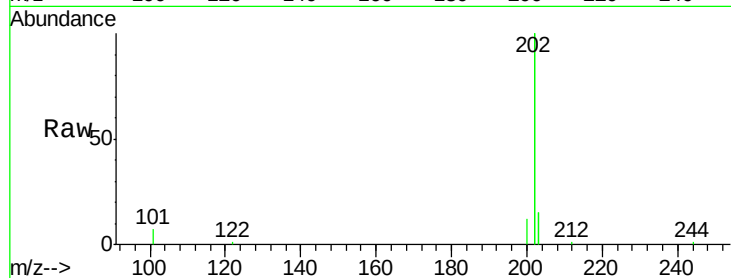
Tgt Ion:202 Resp: 21727

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

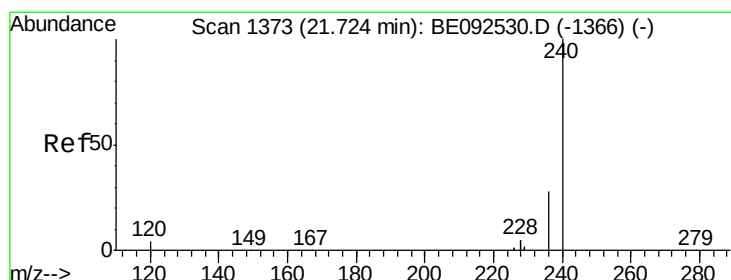
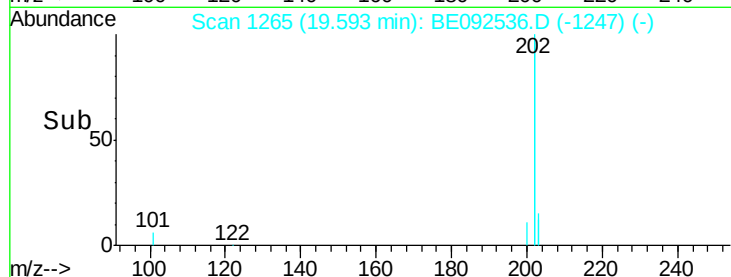
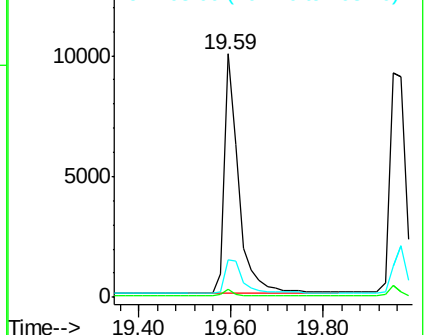
203 17.3 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

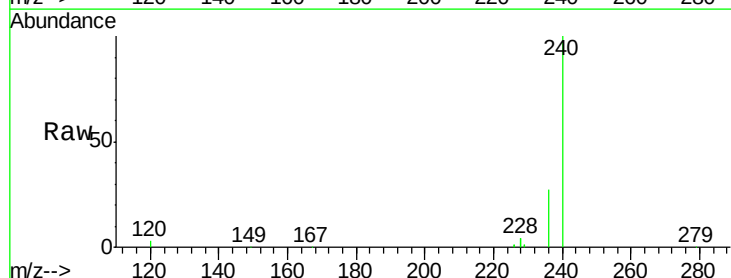
Tgt Ion:240 Resp: 80211

Ion Ratio Lower Upper

240 100

120 2.6 2.6 4.0#

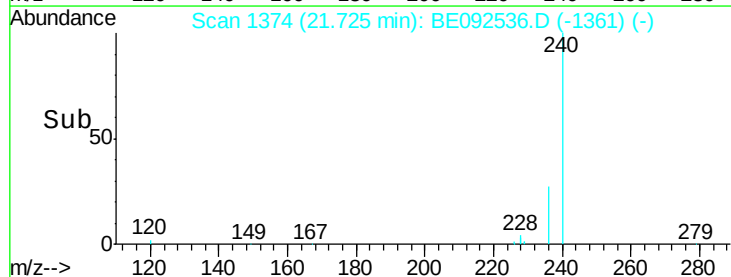
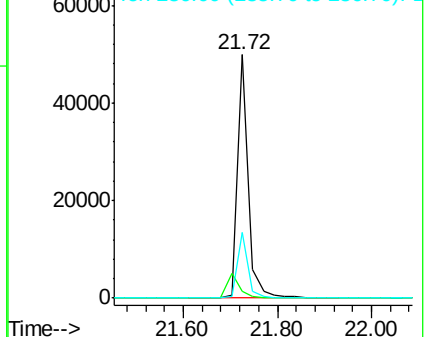
236 27.1 24.6 37.0

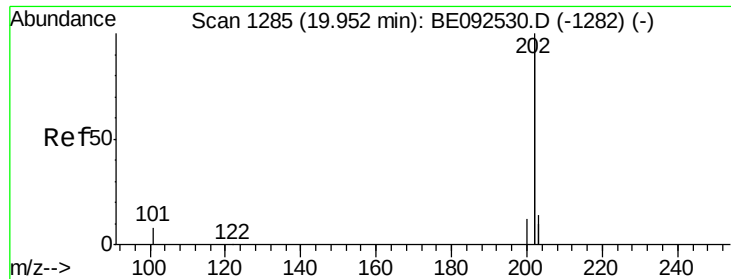


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

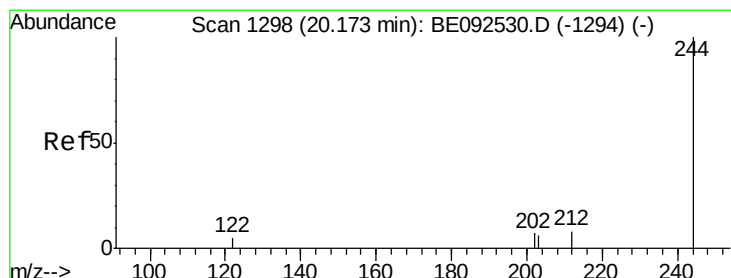
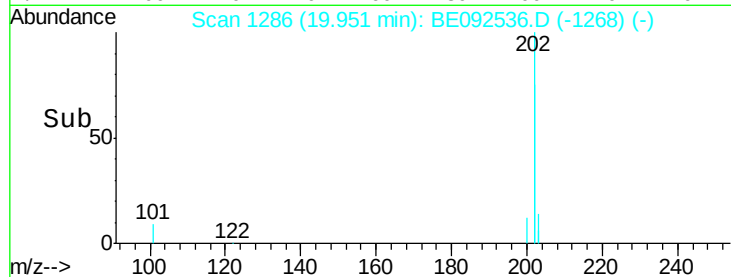
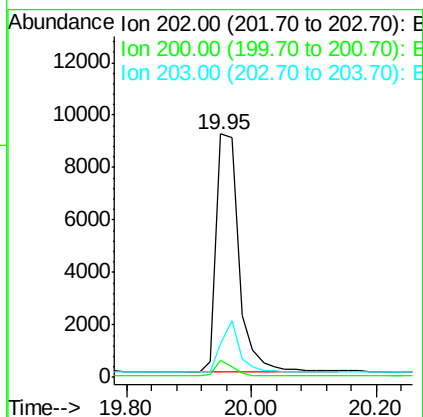
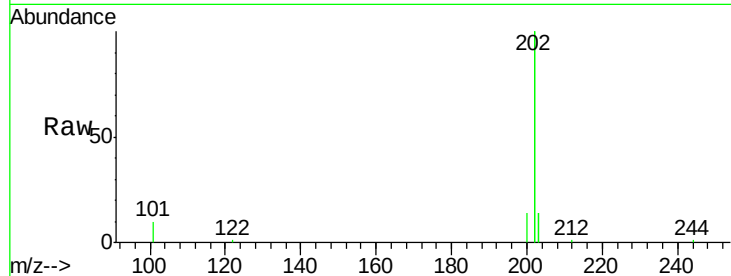




#25
 Pyrene
 Concen: 0.36 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

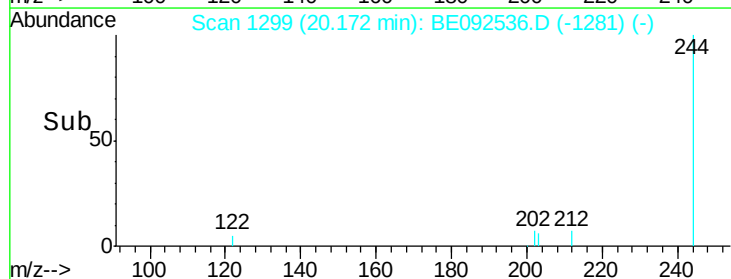
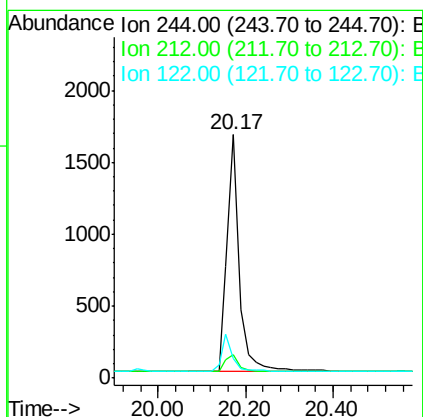
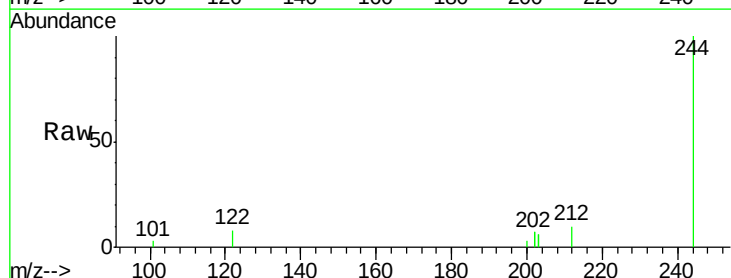
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

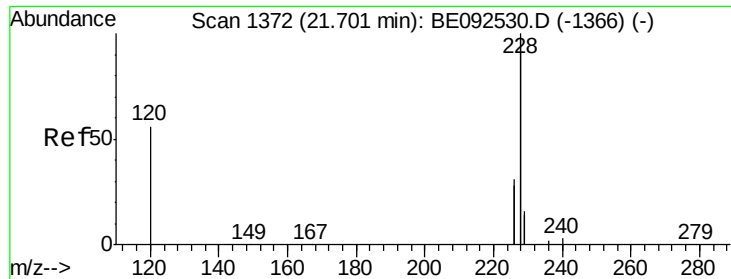
Tgt Ion: 202 Resp: 22886
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.8 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.35 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

Tgt Ion: 244 Resp: 3242
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.7 10.1
 122 7.8 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.79 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

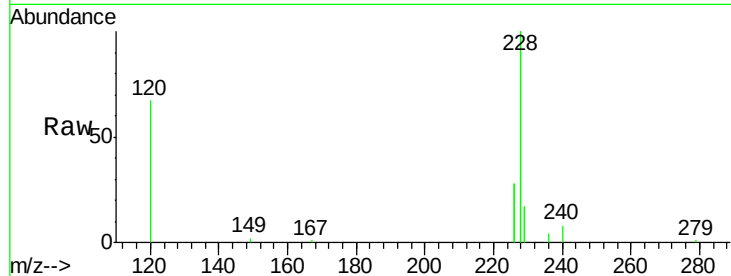
Tgt Ion:228 Resp: 53771

Ion Ratio Lower Upper

228 100

226 27.8 23.6 35.4

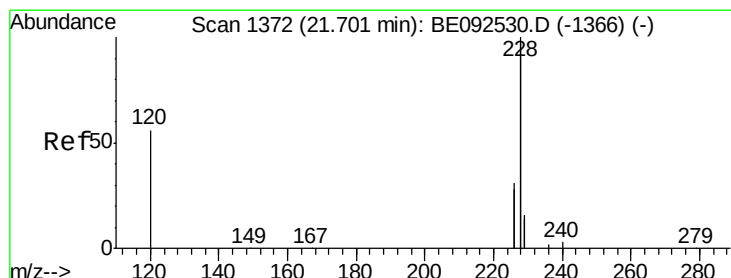
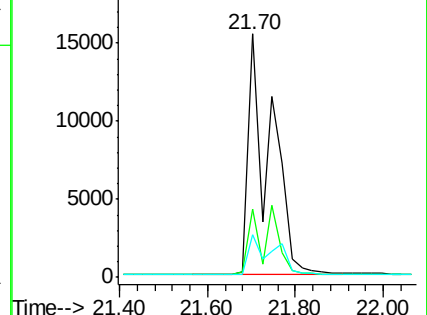
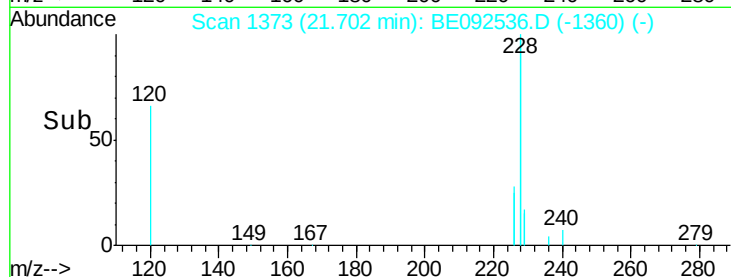
229 17.4 13.3 19.9



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: 0.79 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

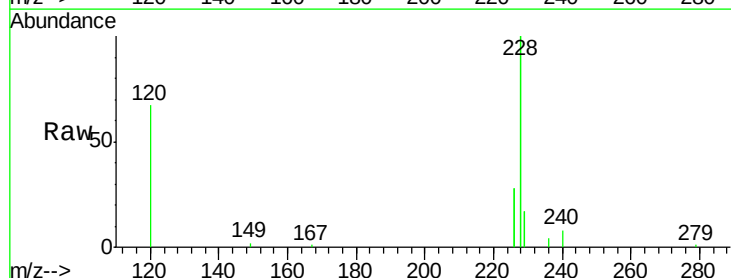
Tgt Ion:228 Resp: 54066

Ion Ratio Lower Upper

228 100

226 27.8 36.3 54.5#

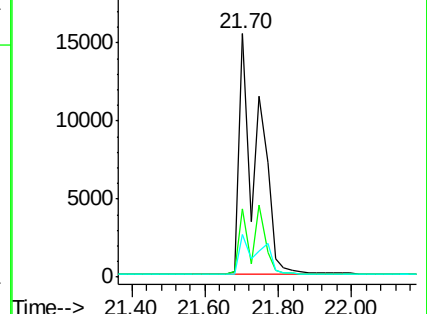
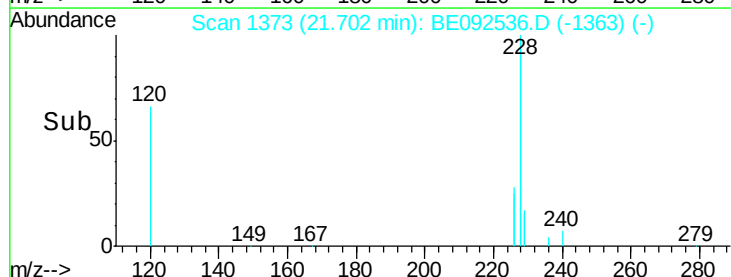
229 17.4 10.6 16.0#

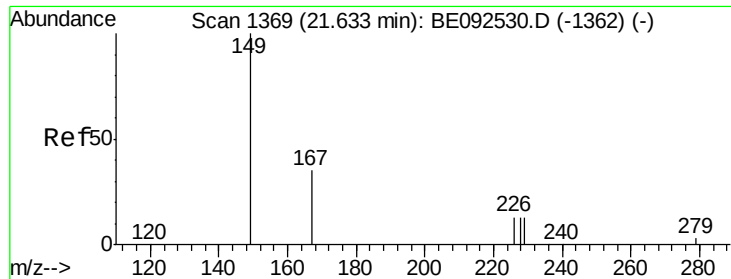


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.46 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

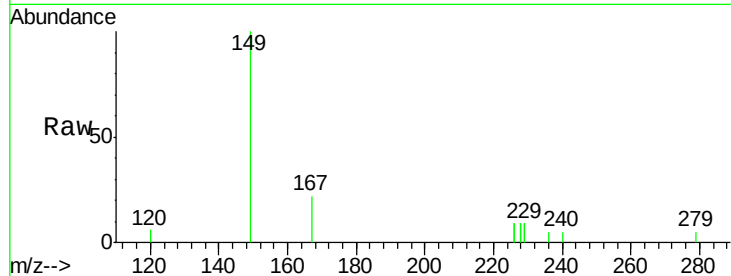
Tgt Ion:149 Resp: 1816

Ion Ratio Lower Upper

149 100

167 21.9 16.0 24.0

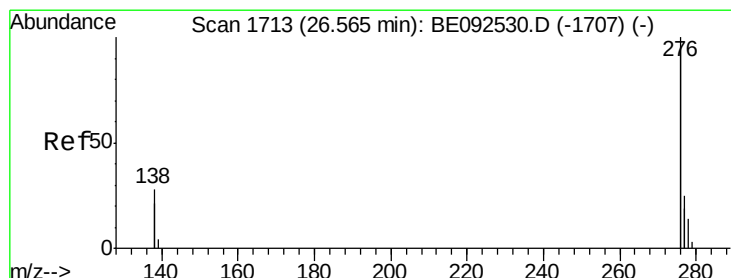
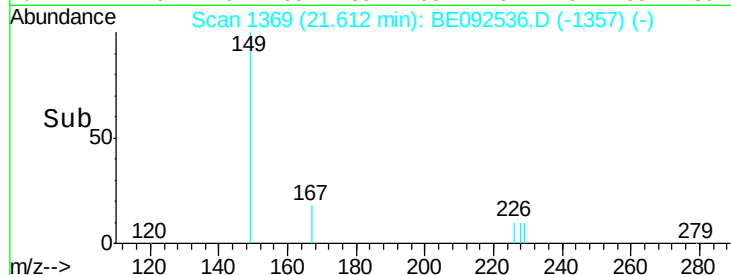
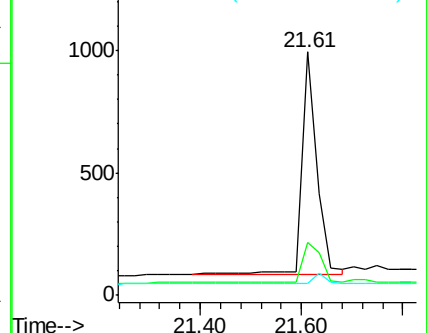
279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.41 ng

RT: 26.57 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

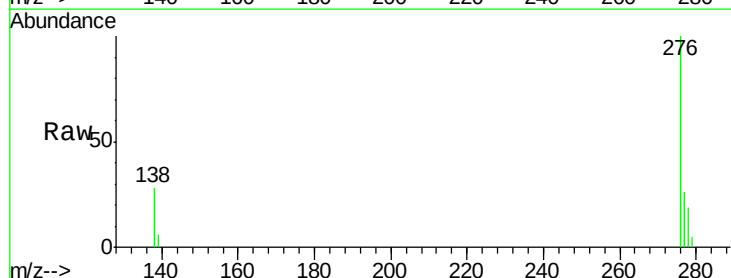
Tgt Ion:276 Resp: 27195

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

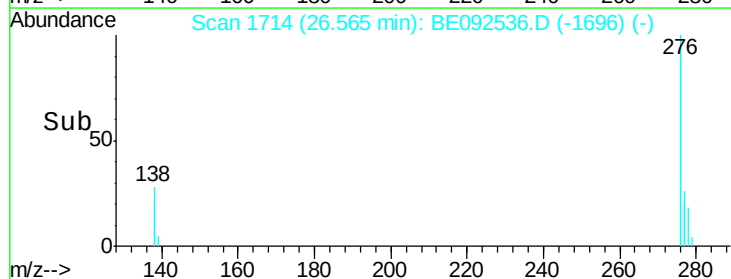
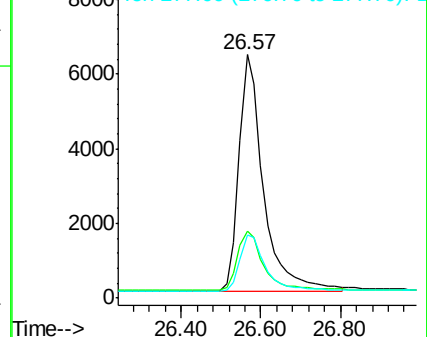
277 24.7 19.7 29.5

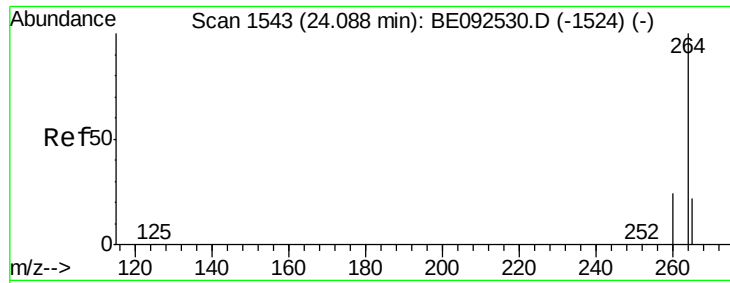


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

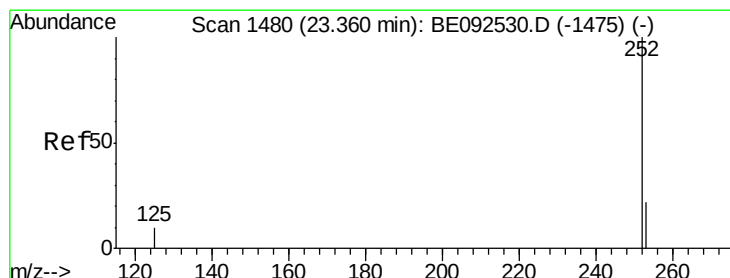
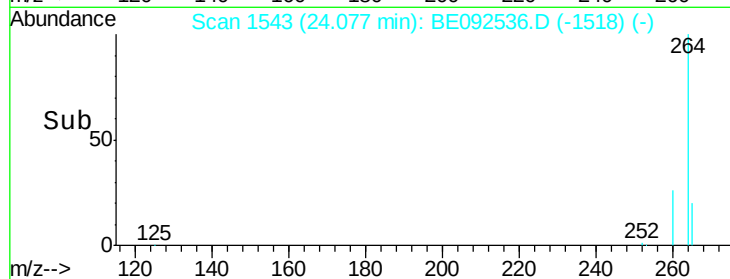
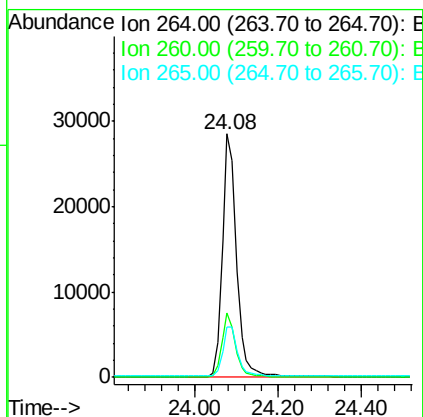
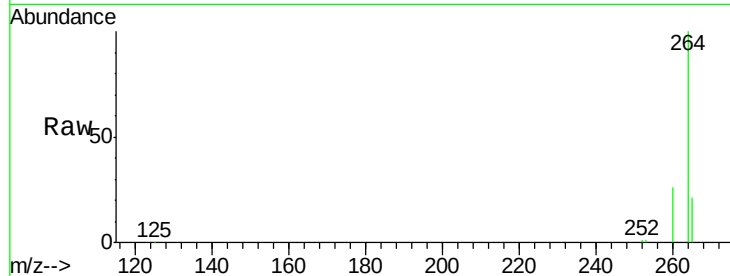




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

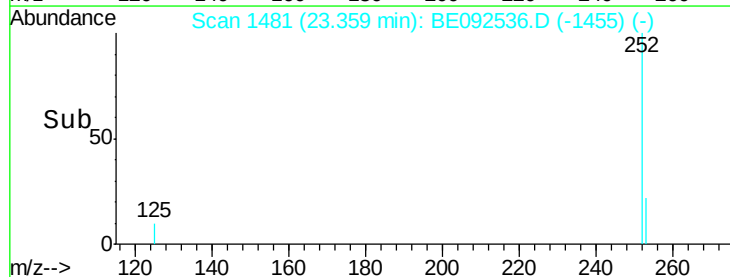
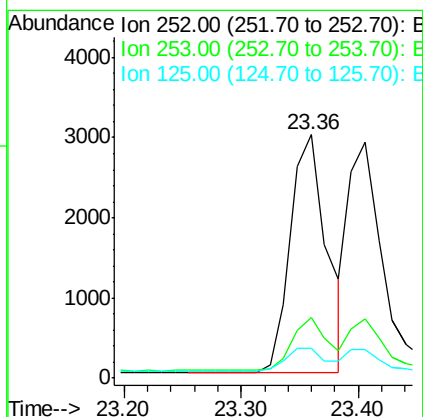
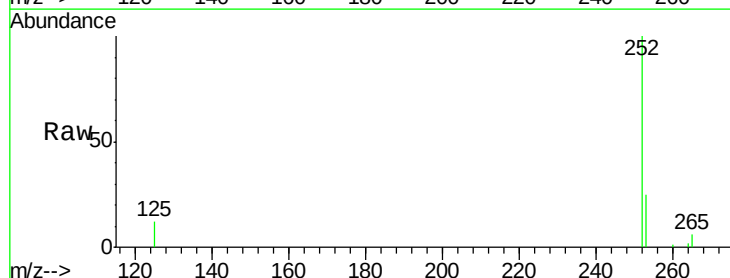
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

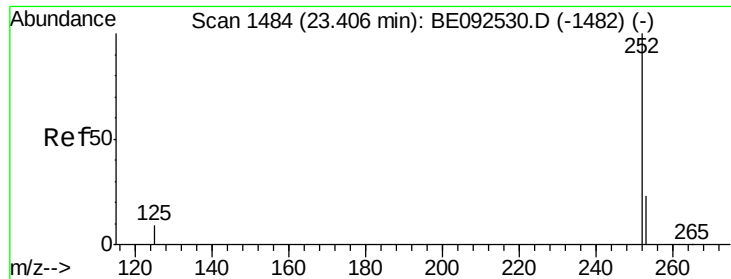
Tgt Ion: 264 Resp: 68082
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 20.9 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.39 ng
 RT: 23.36 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

Tgt Ion: 252 Resp: 6458
 Ion Ratio Lower Upper
 252 100
 253 24.9 18.7 28.1
 125 12.2 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng

RT: 23.41 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

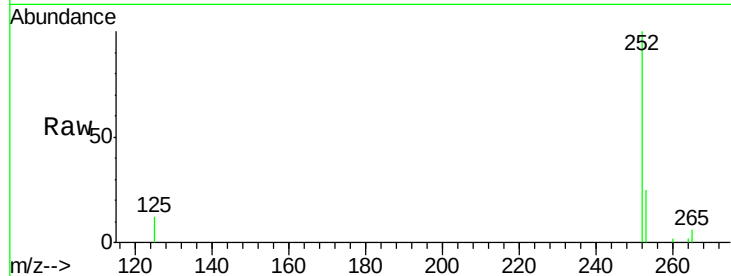
Tgt Ion:252 Resp: 6196

Ion Ratio Lower Upper

252 100

253 25.2 20.3 30.5

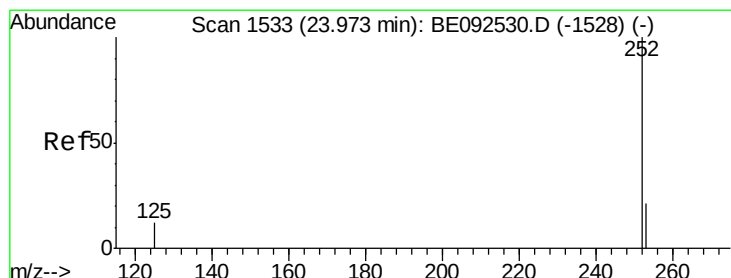
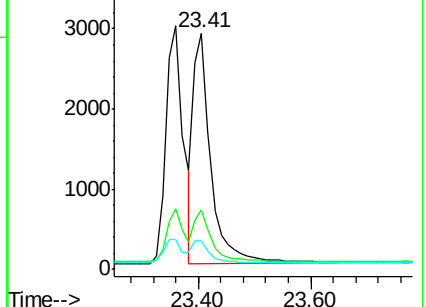
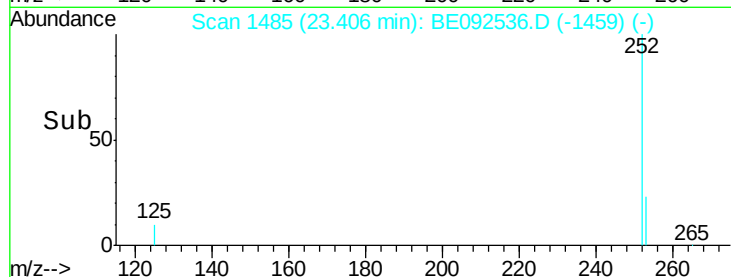
125 12.3 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

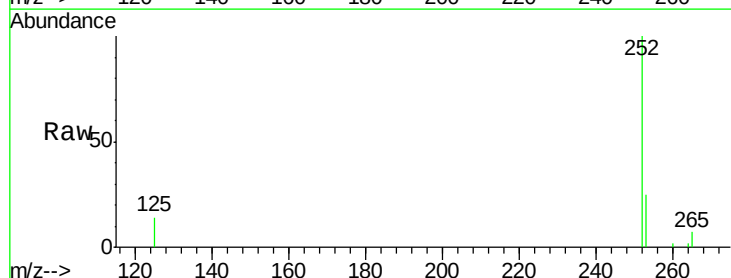
Tgt Ion:252 Resp: 5557

Ion Ratio Lower Upper

252 100

253 24.8 19.0 28.6

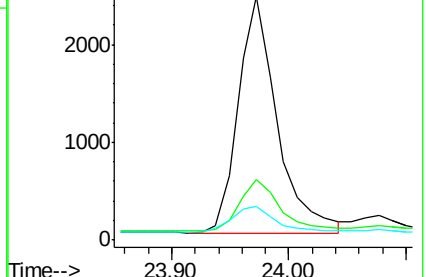
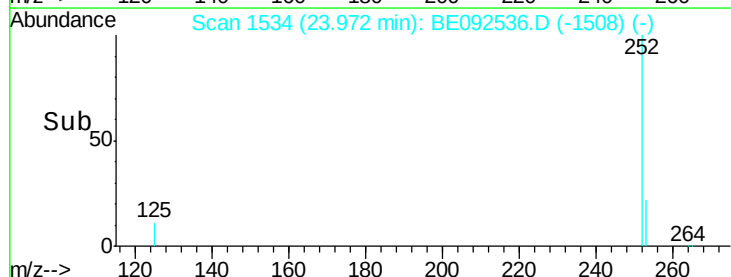
125 14.0 11.8 17.8

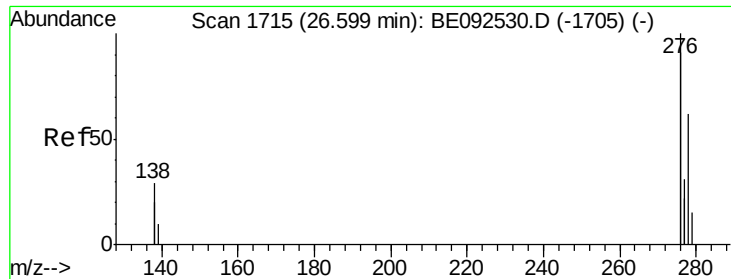


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

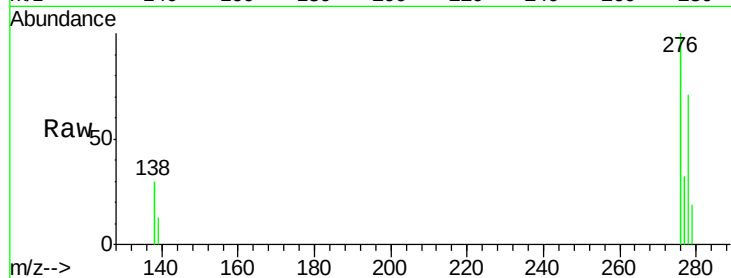
Tgt Ion: 278 Resp: 5461

Ion Ratio Lower Upper

278 100

139 18.4 13.8 20.8

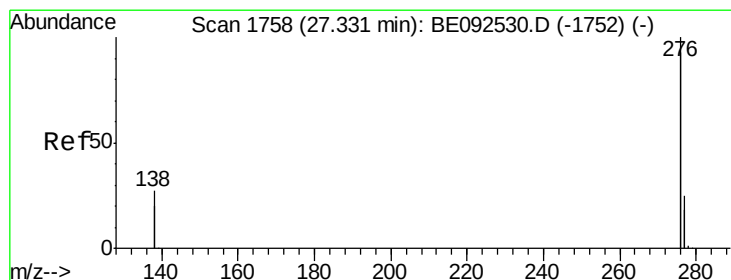
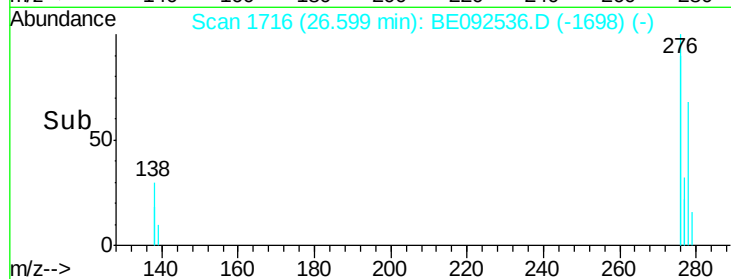
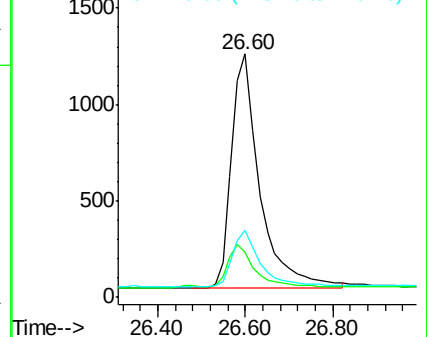
279 27.4 21.4 32.2



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: 0.37 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

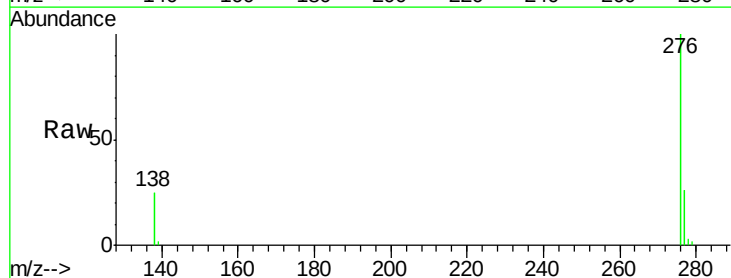
Tgt Ion: 276 Resp: 23797

Ion Ratio Lower Upper

276 100

277 25.9 19.8 29.8

138 25.3 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

