

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 16:07:56 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						
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	9.36	82	705m	0.39	ng	0.00
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

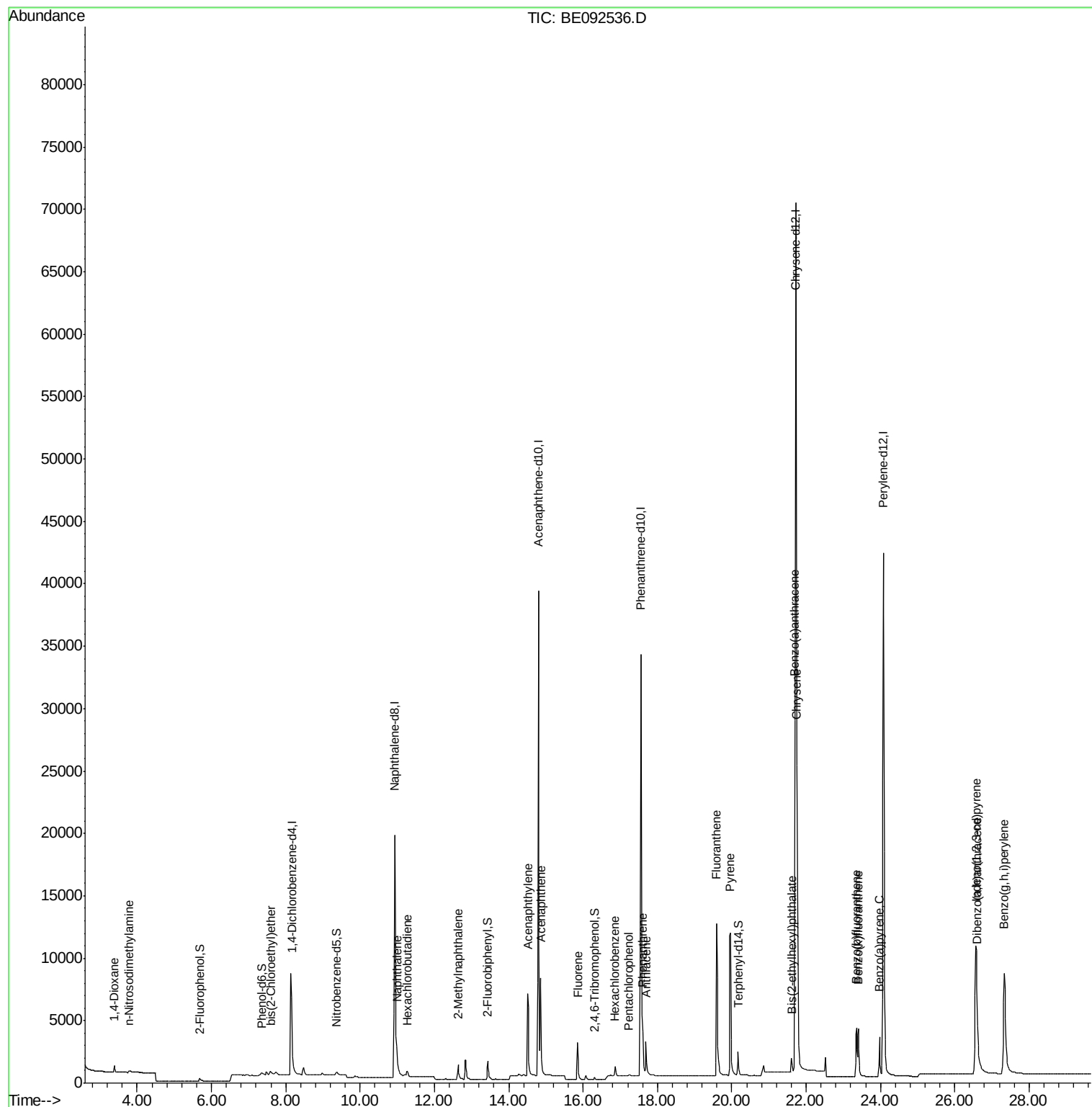
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	425	0.39	ng	# 95
3) n-Nitrosodimethylamine	3.78	42	326	0.44	ng	# 92
6) bis(2-Chloroethyl)ether	7.59	93	697	0.35	ng	# 80
9) Naphthalene	10.99	128	2848	0.40	ng	97
10) Hexachlorobutadiene	11.26	225	434	0.40	ng	99
11) 2-Methylnaphthalene	12.64	142	1723	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	803m	0.37	ng	
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	26532m	0.44	ng	
28) Chrysene	21.75	228	29105m	0.43	ng	
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

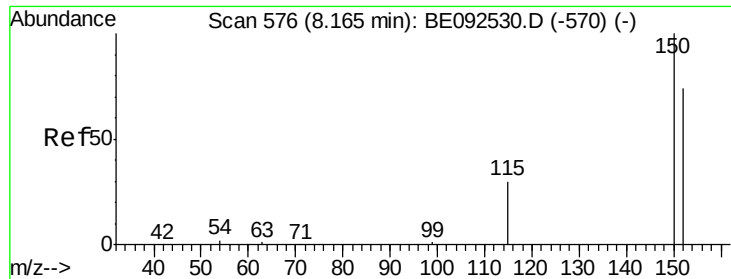
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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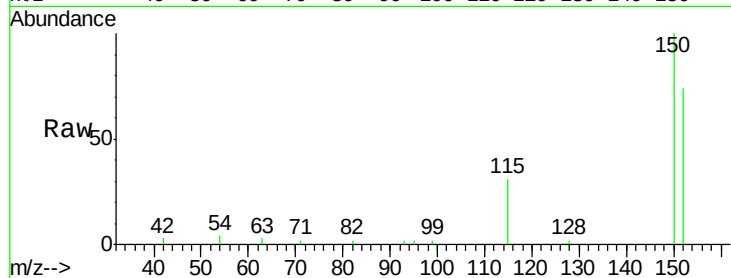




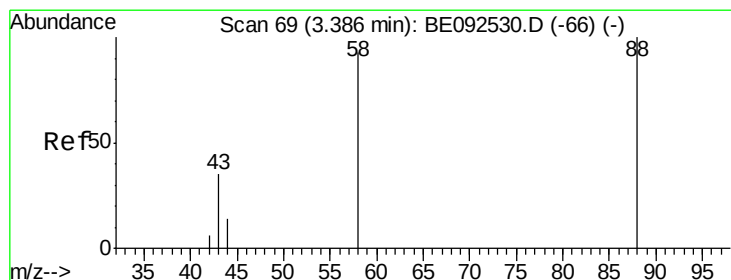
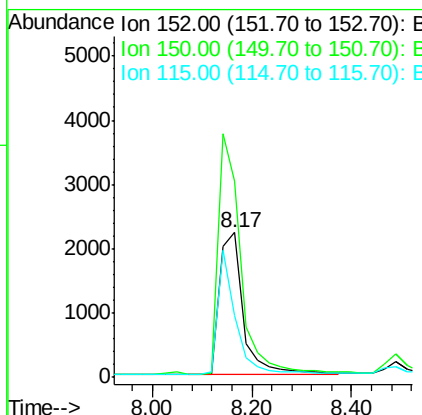
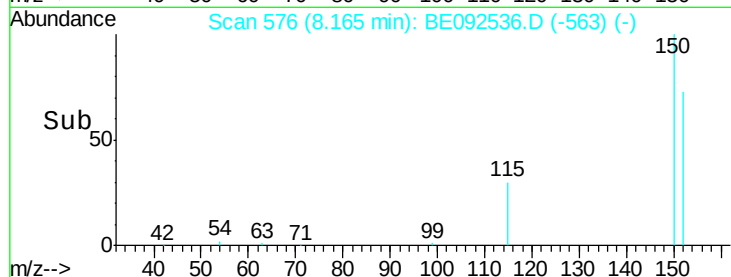
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

Tot Ion:152 Resp: 7288
 Ion Ratio Lower Upper
 152 100
 150 135.2 106.0 159.0
 115 42.4 31.2 46.8

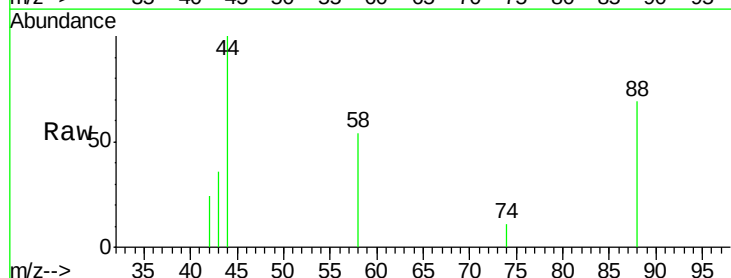


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

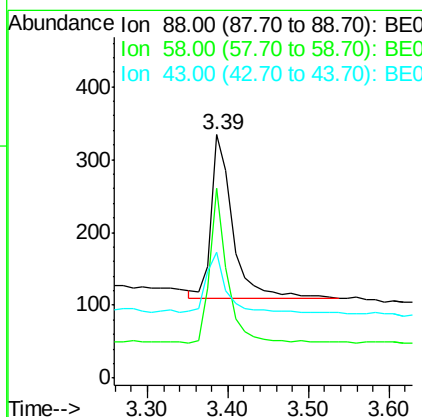
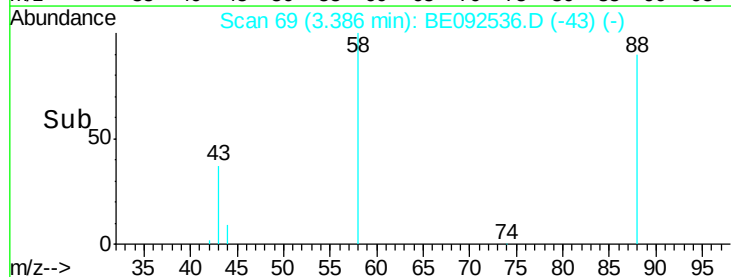


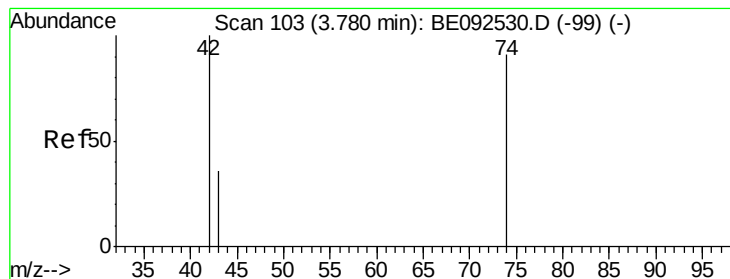
#2
 1,4-Dioxane
 Concen: 0.39 ng
 RT: 3.39 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

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

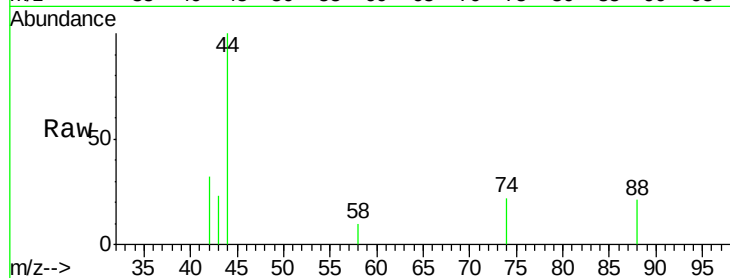
Tot Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

74 115.0 86.0 129.0

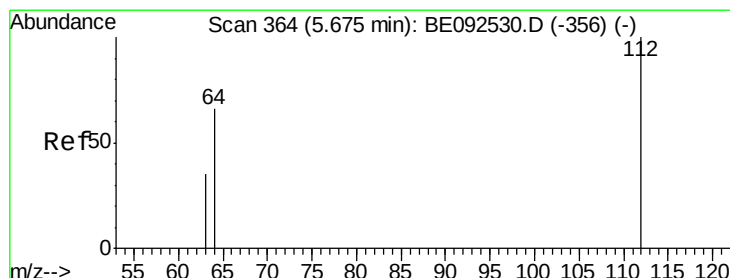
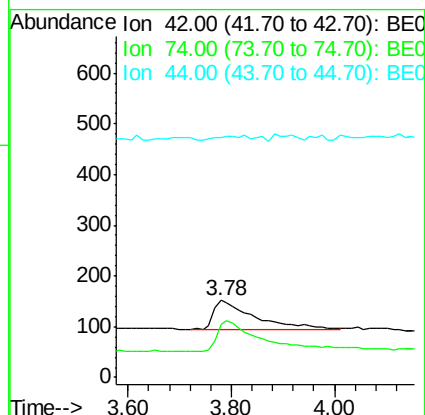
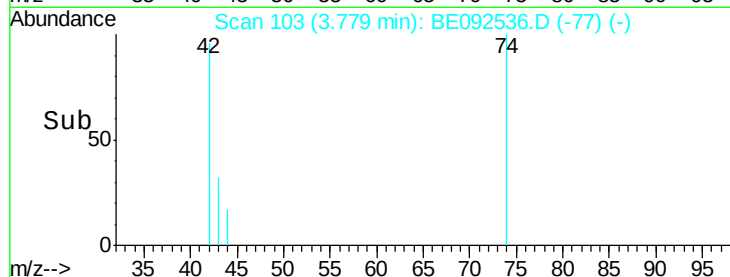
44 0.0 5.1 7.7#



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

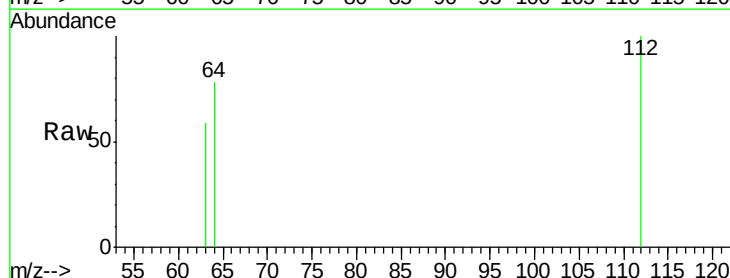
Tgt Ion: 112 Resp: 489

Ion Ratio Lower Upper

112 100

64 66.1 53.5 80.3

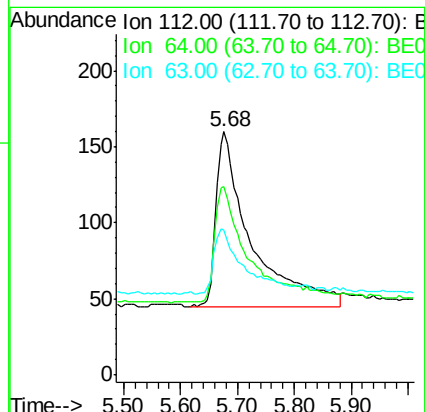
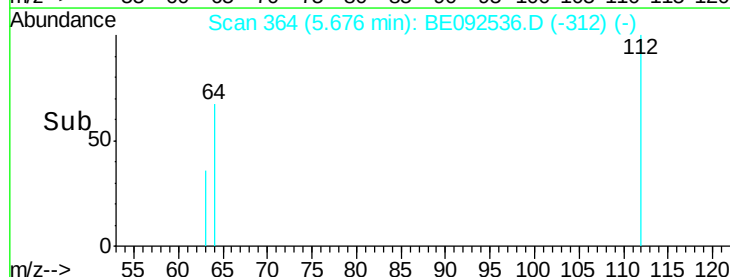
63 32.7 27.9 41.9

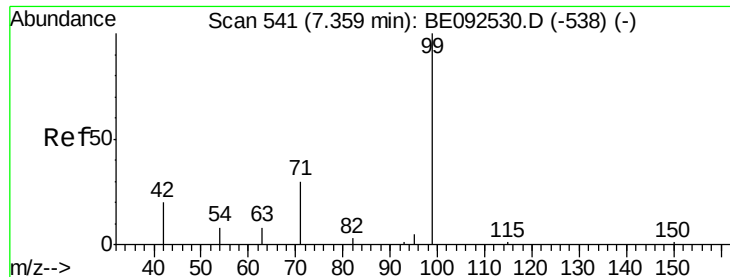


Abundance Ion 112.00 (111.70 to 112.70): E

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

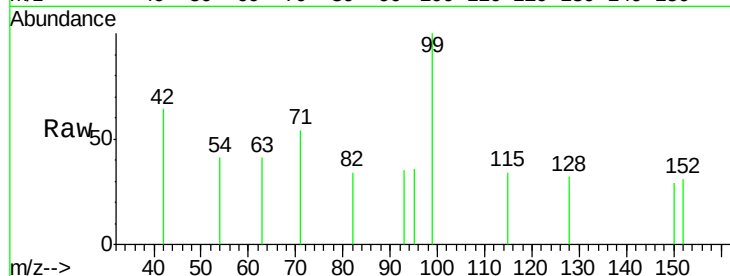
Tot Ion: 99 Resp: 605

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

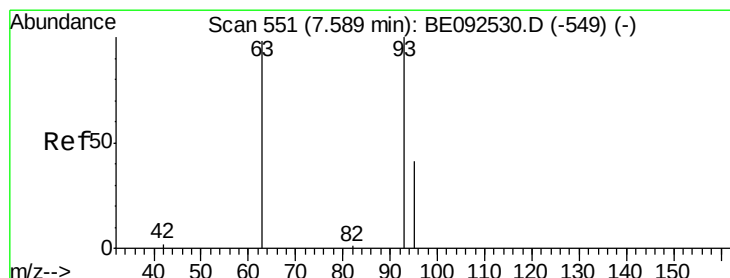
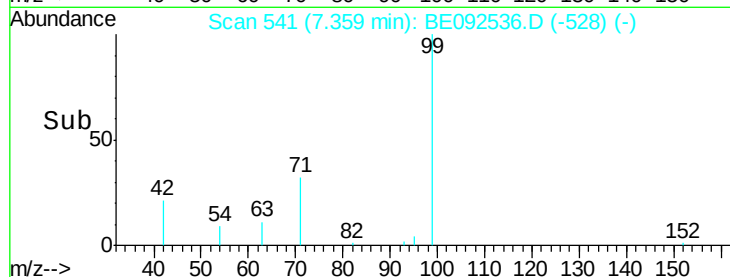
100

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

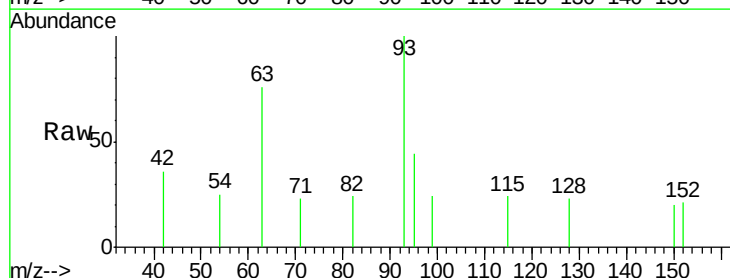
Tgt Ion: 93 Resp: 697

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

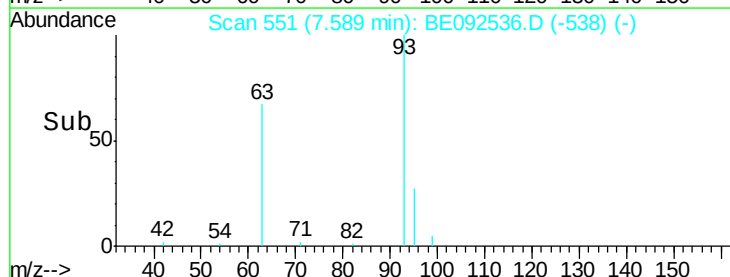
200

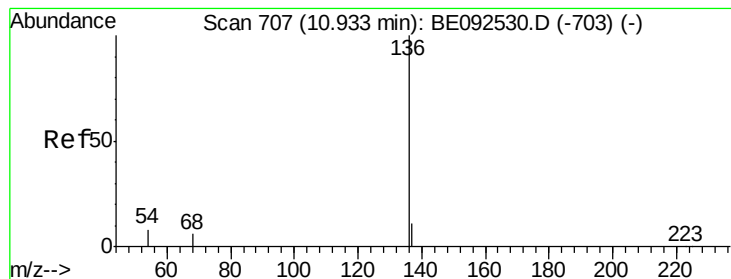
100

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

Tot Ion:136 Resp: 34912

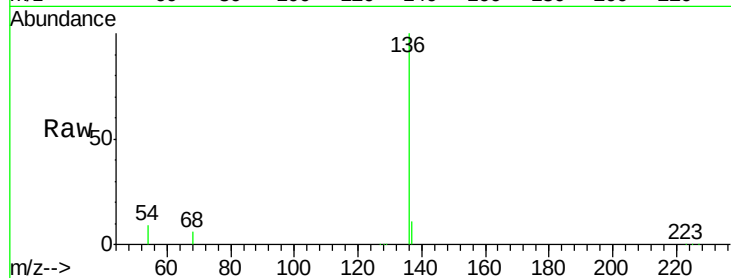
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 8.6 9.6 14.4#

68 6.2 6.7 10.1#

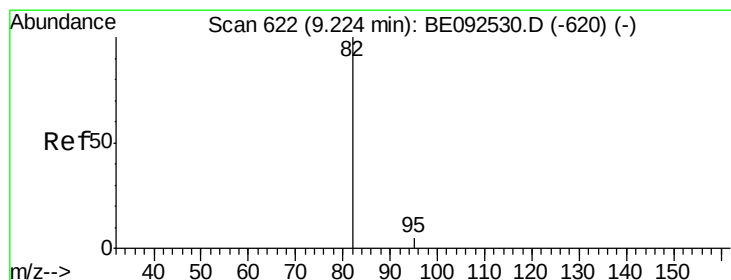
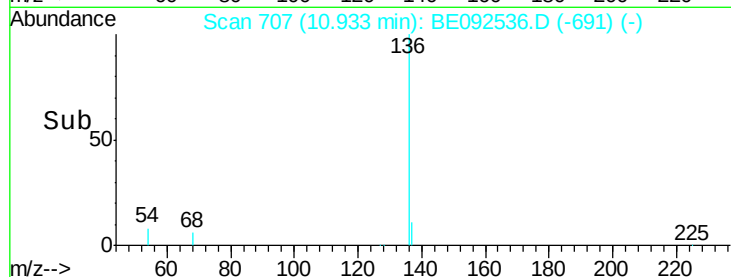
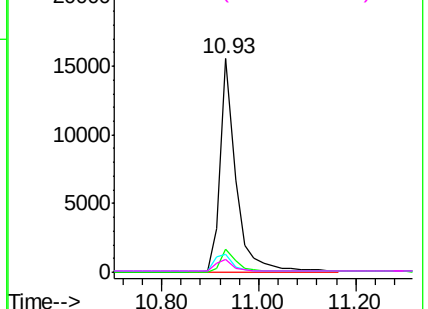


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng m

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

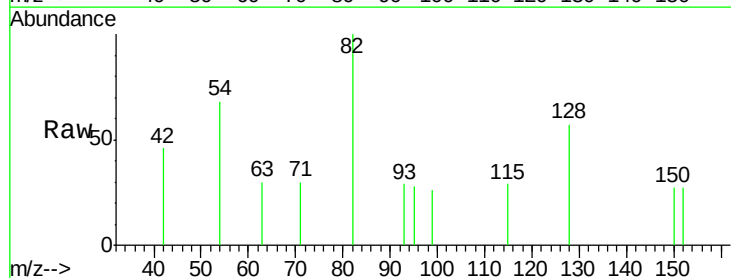
Tgt Ion: 82 Resp: 705

Ion Ratio Lower Upper

82 100

128 57.1 39.0 58.4

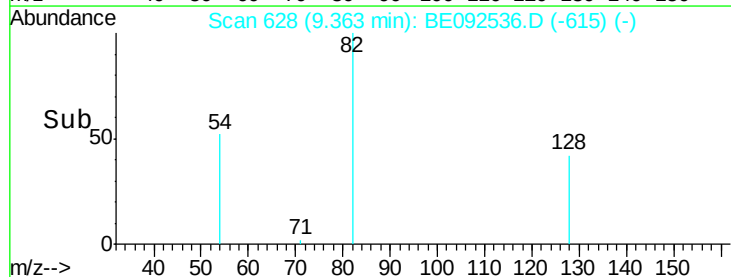
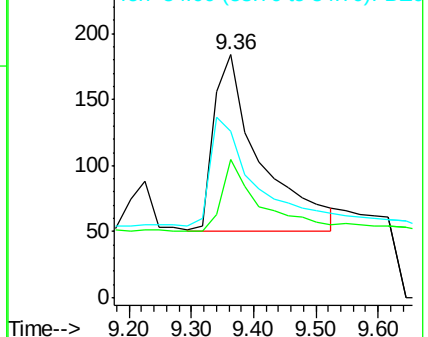
54 68.5 44.8 67.2#

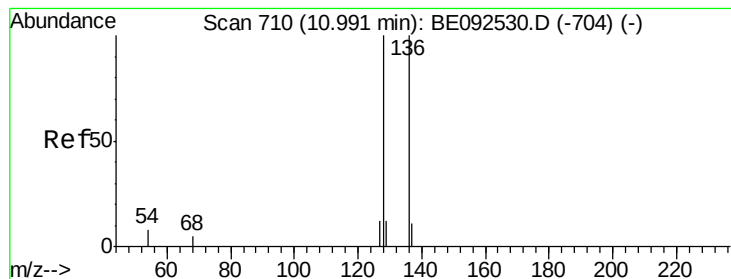


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

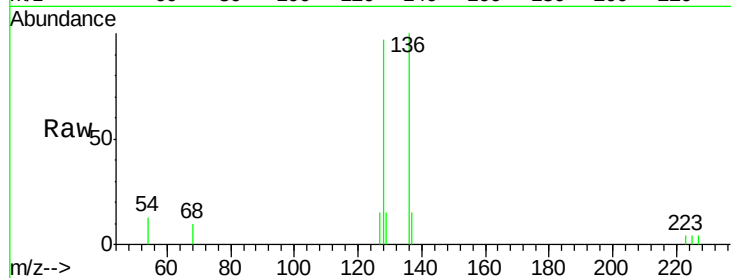
Tot Ion:128 Resp: 2848

Ion Ratio Lower Upper

128 100

129 15.9 11.2 16.8

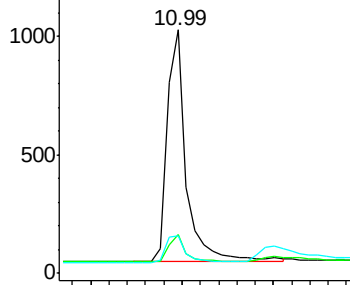
127 15.5 11.6 17.4



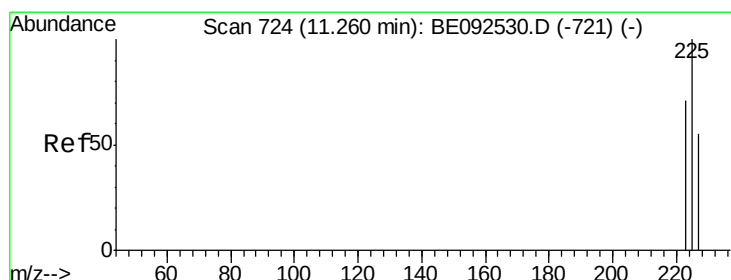
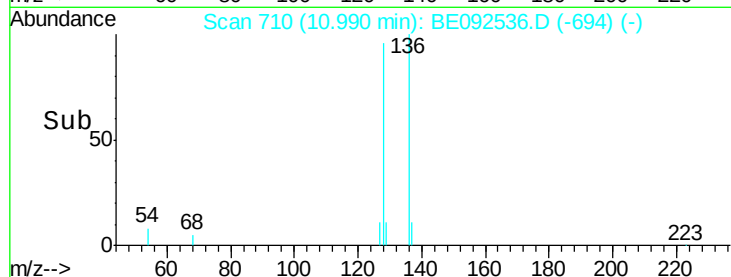
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#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

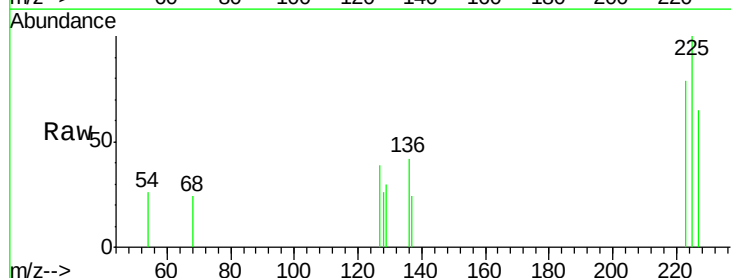
Tgt Ion:225 Resp: 434

Ion Ratio Lower Upper

225 100

223 64.3 50.6 76.0

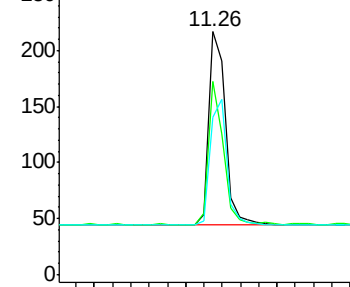
227 65.2 51.4 77.0



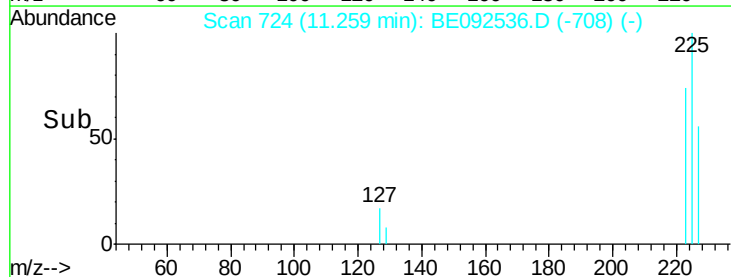
Abundance Ion 225.00 (224.70 to 225.70): E

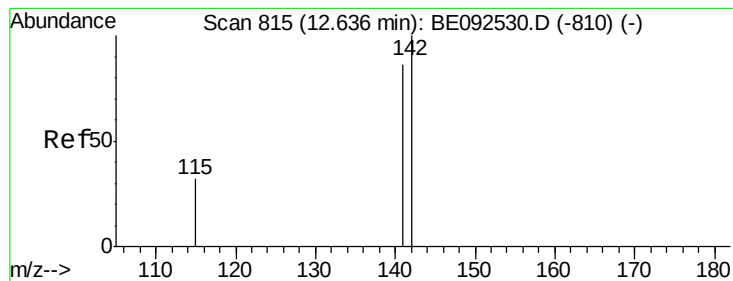
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#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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ClientSampleId :

ICVBE111616

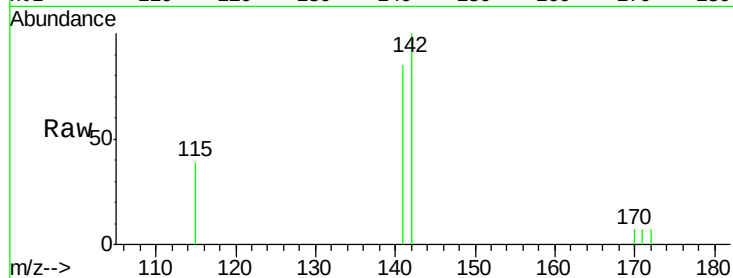
Tot Ion:142 Resp: 1723

Ion Ratio Lower Upper

142 100

141 85.4 73.7 110.5

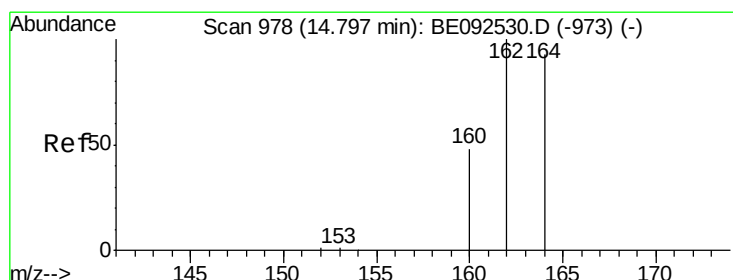
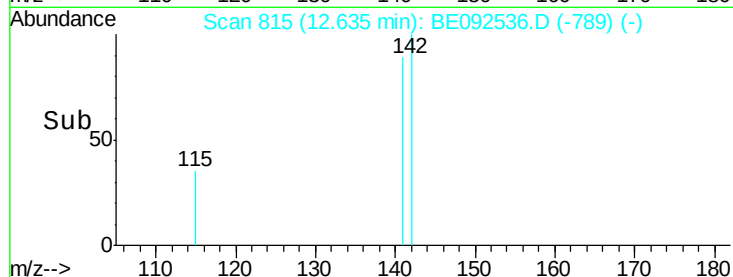
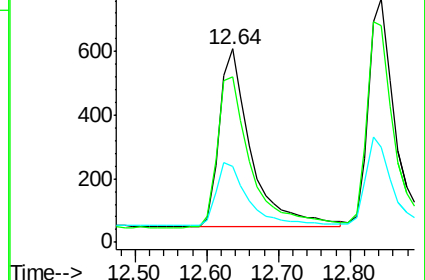
115 39.1 34.0 51.0



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

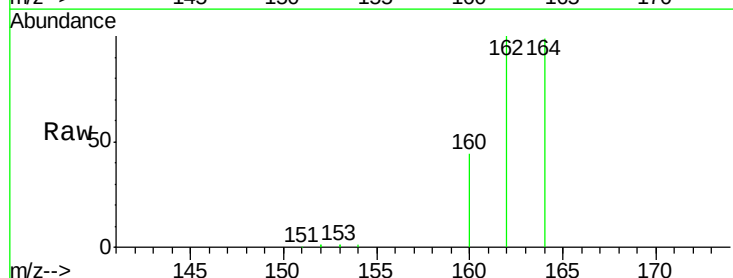
Tgt Ion:164 Resp: 25043

Ion Ratio Lower Upper

164 100

162 101.1 71.4 107.0

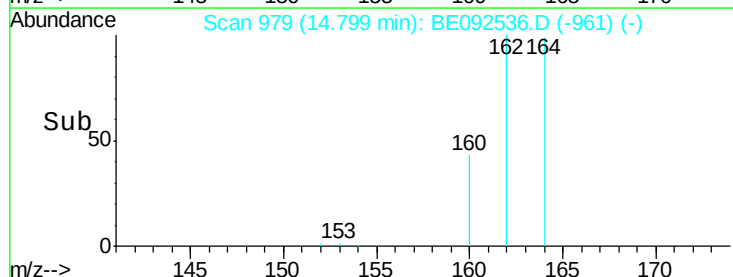
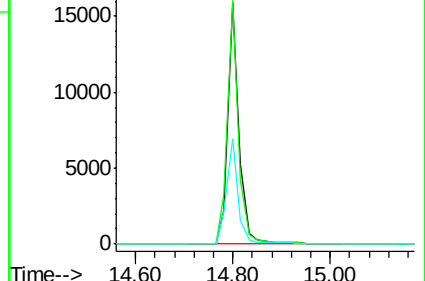
160 44.0 27.4 41.2#

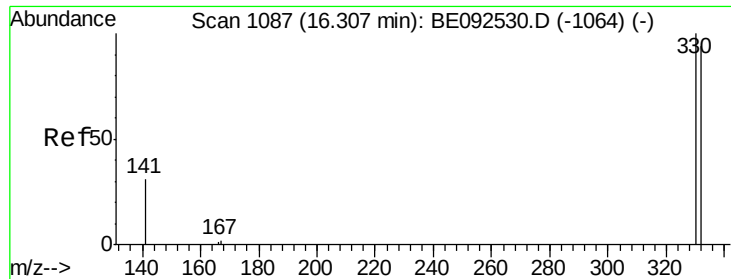


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

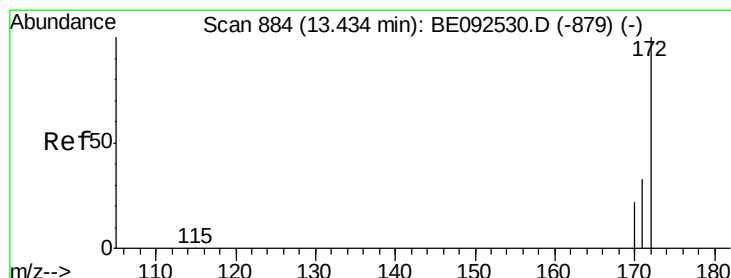
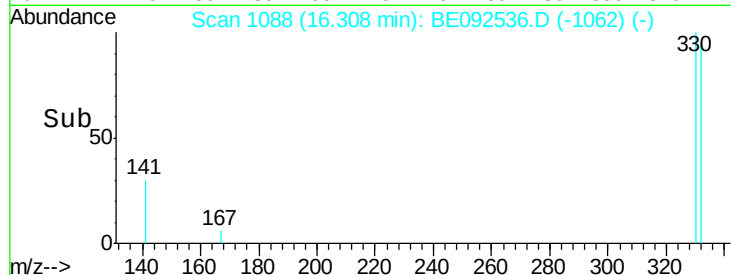
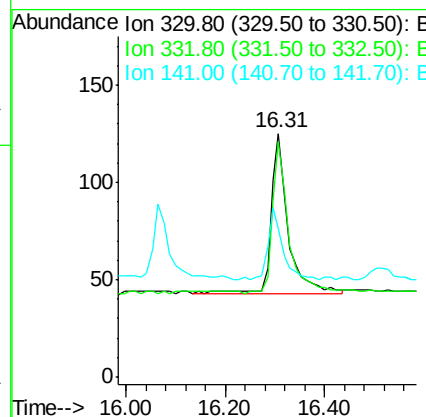
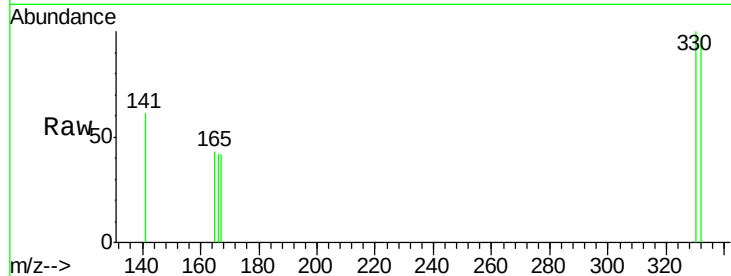




#13
 2,4,6-Tribromophenol
 Concen: 0.35 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

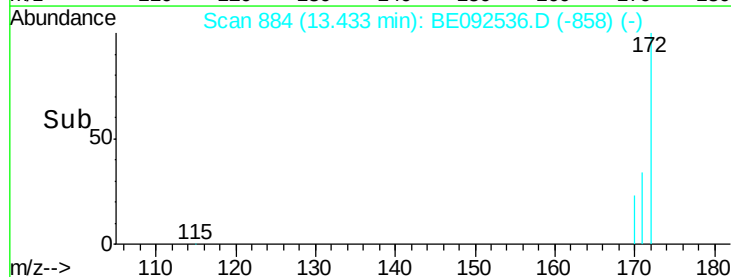
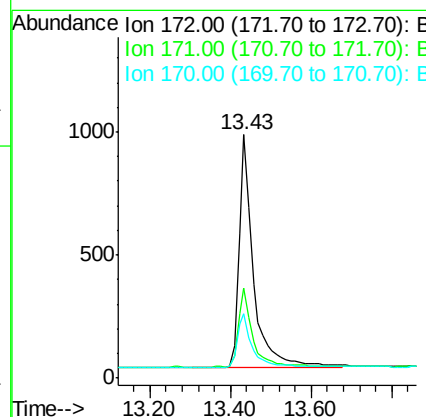
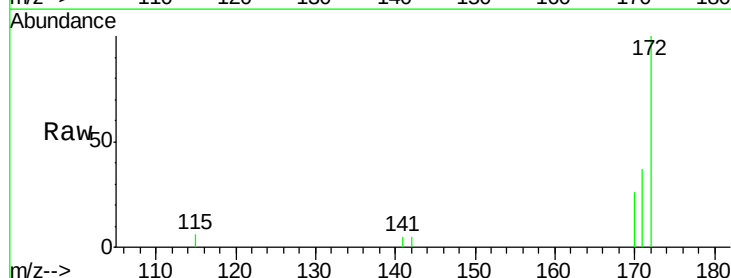
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

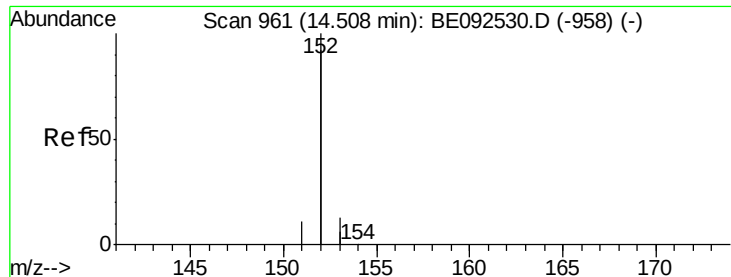
Tot Ion:330 Resp: 196
 Ion Ratio Lower Upper
 330 100
 332 90.3 75.4 113.0
 141 38.8 31.0 46.6



#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

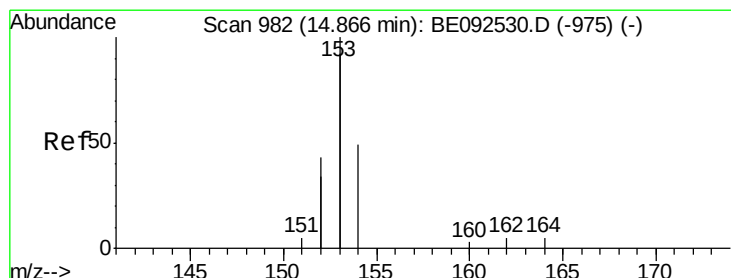
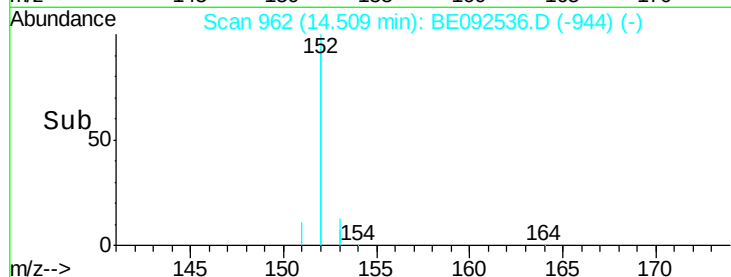
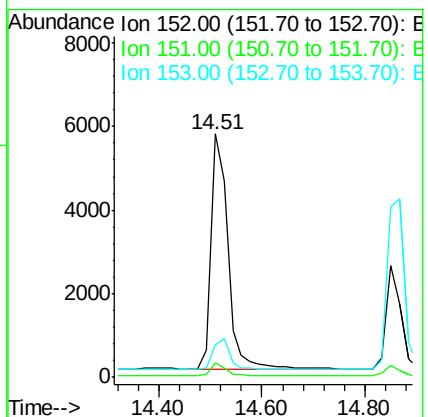
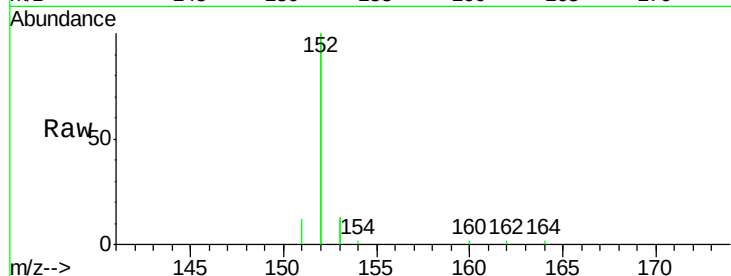
Tot Ion:152 Resp: 12628

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

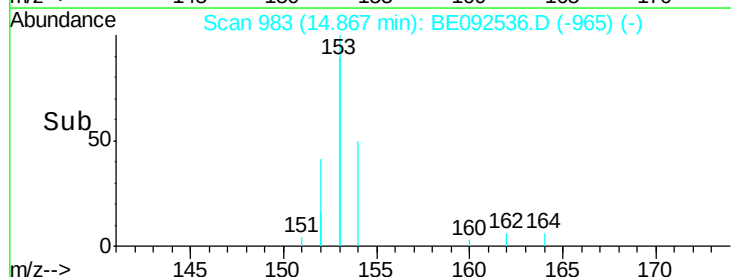
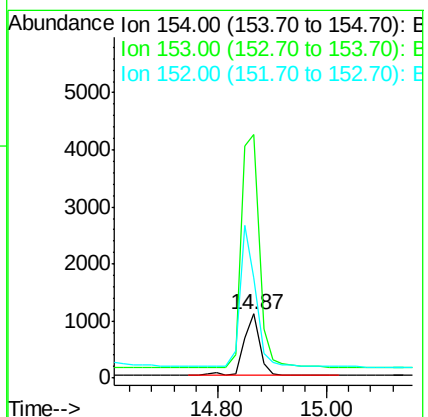
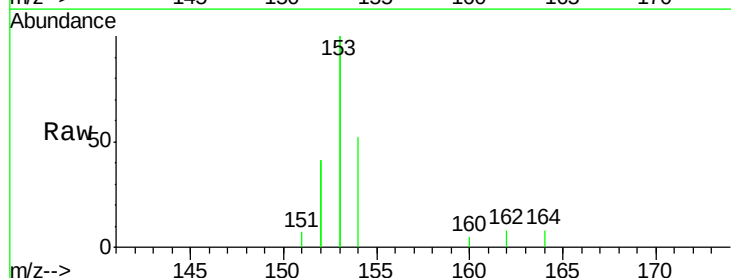
Tgt Ion:154 Resp: 2173

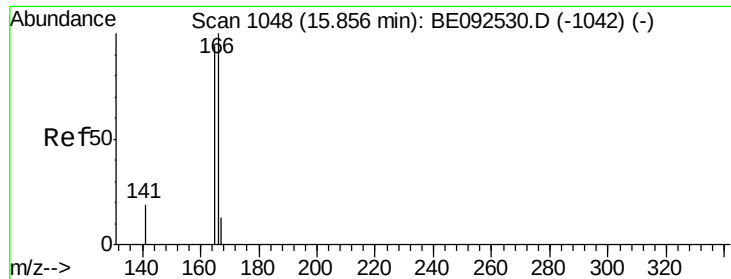
Ion Ratio Lower Upper

154 100

153 432.6 350.8 526.2

152 225.3 171.1 256.7



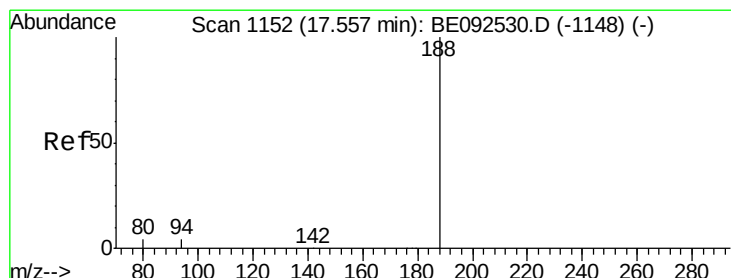
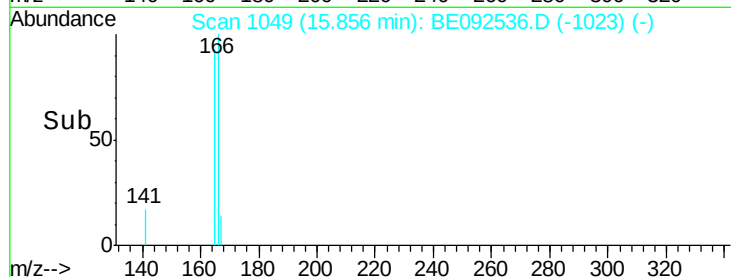
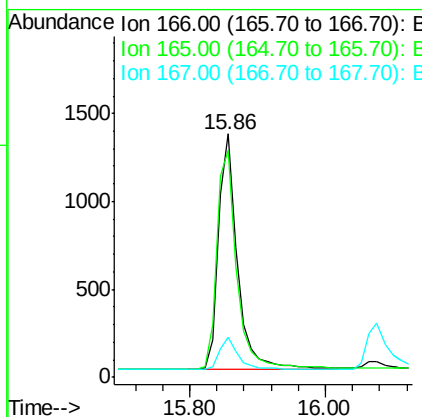
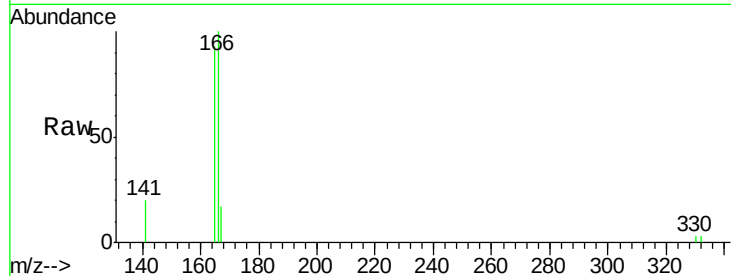


#17
Fluorene
 Concen: 0.37 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111616

Tot Ion:166 Resp: 2635

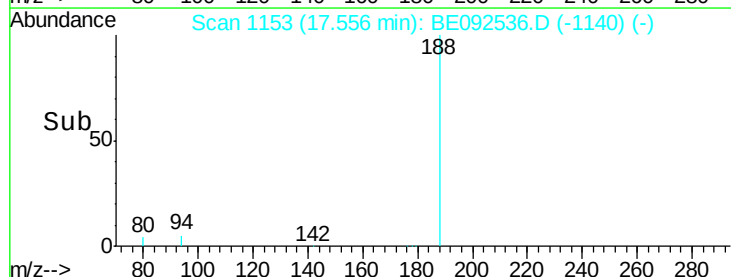
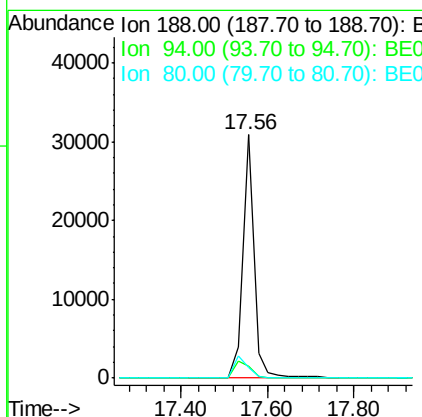
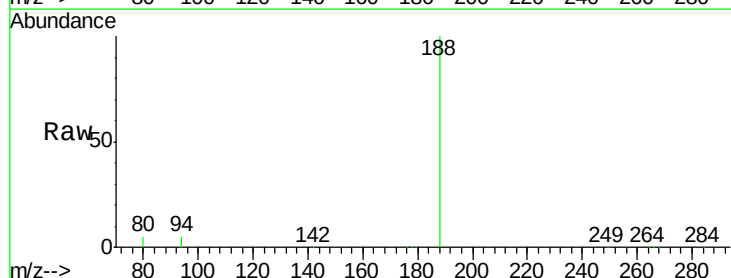
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	13.4	11.0	16.4

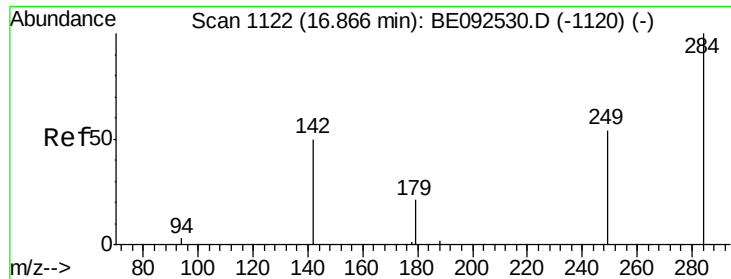


#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092536.D
 Acq: 16 Nov 2016 15:22

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#

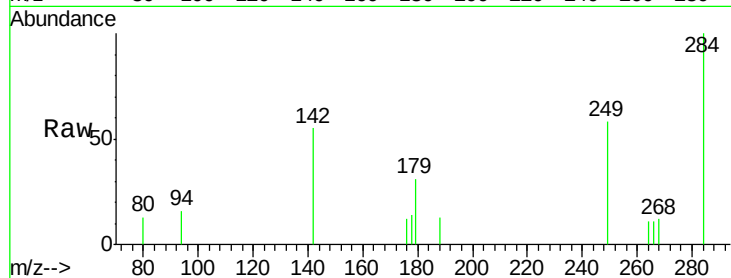




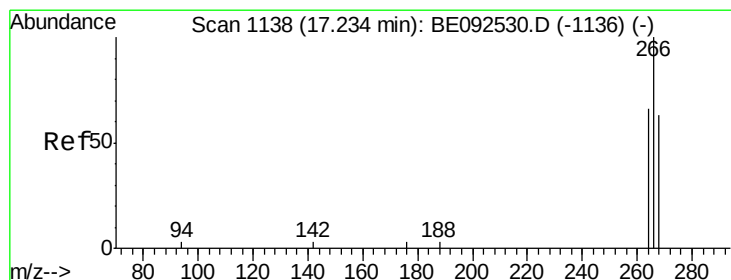
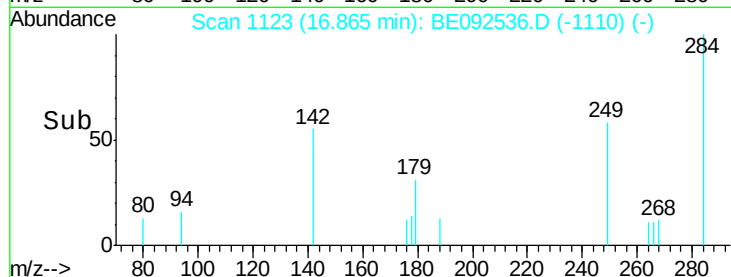
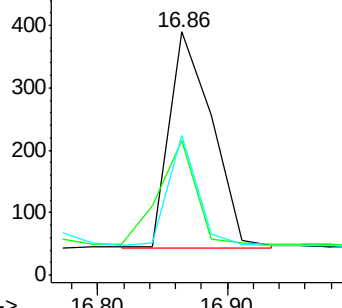
#19
Hexachlorobenzene
Concen: 0.37 ng m
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

Instrument :
BNA_E
ClientSampleId :
ICVBE111616

Tot Ion:284 Resp: 803
Ion Ratio Lower Upper
284 100
142 62.0 29.1 43.7#
249 59.0 27.9 41.9#

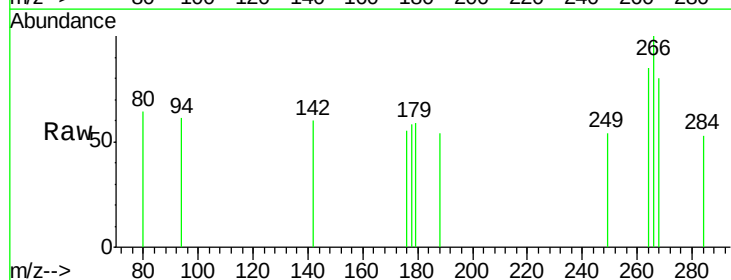


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

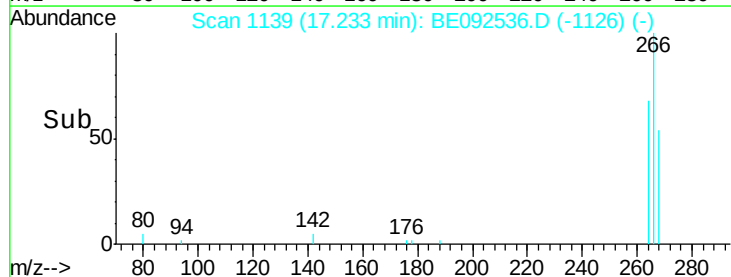
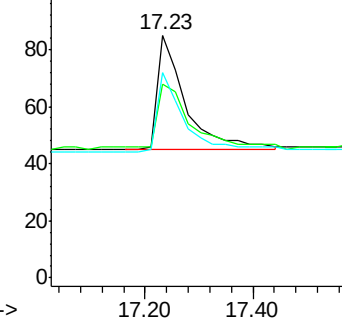


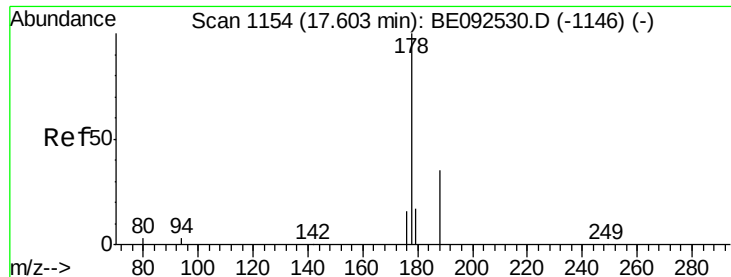
#20
Pentachlorophenol
Concen: 0.43 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

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

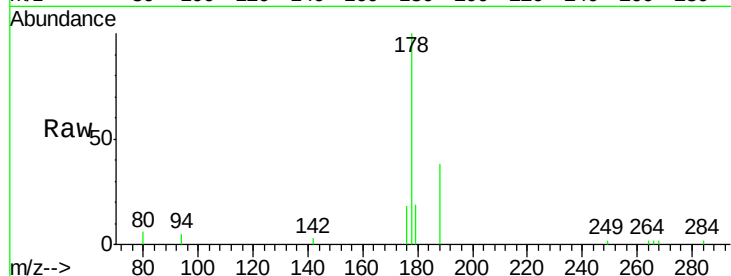
Tot Ion:178 Resp: 4778

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

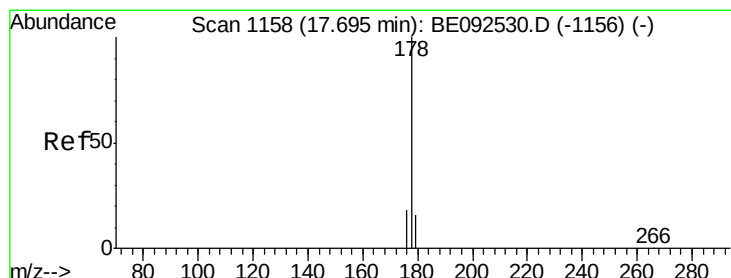
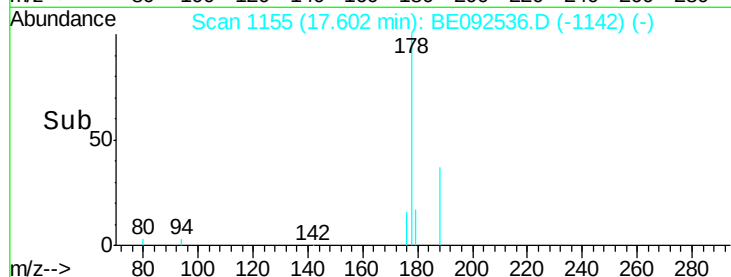
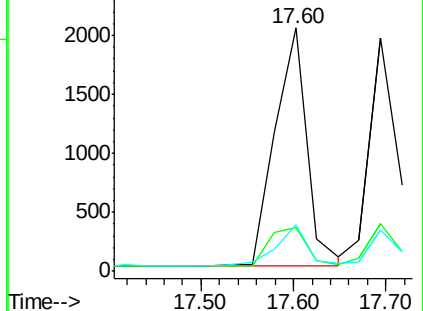
179 16.3 16.0 24.0



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



#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

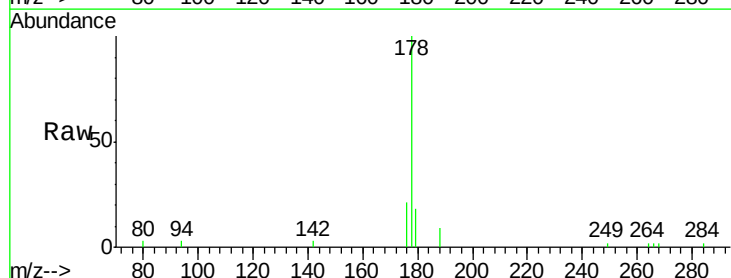
Tgt Ion:178 Resp: 4456

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

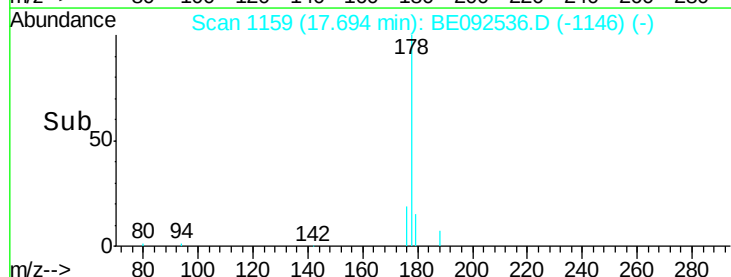
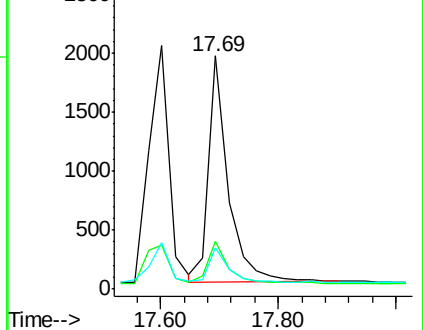
179 16.2 12.2 18.2

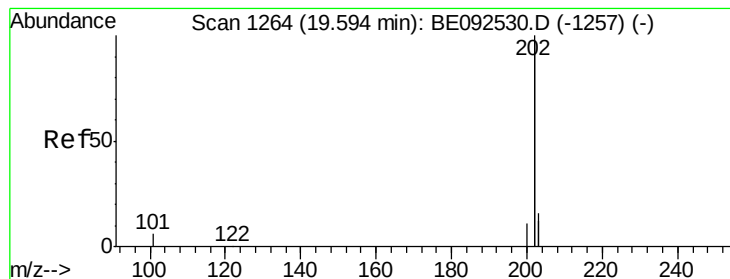


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092536.D

Acq: 16 Nov 2016 15:22

Instrument :

BNA_E

ClientSampleId :

ICVBE111616

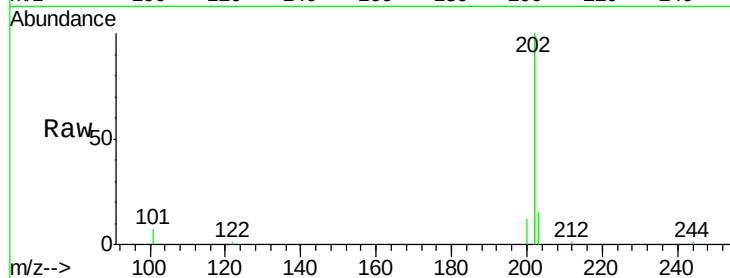
Tot Ion:202 Resp: 21727

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

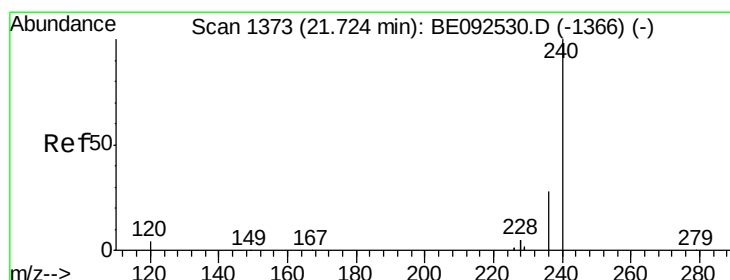
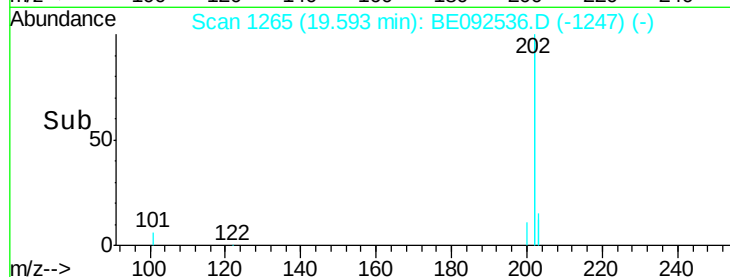
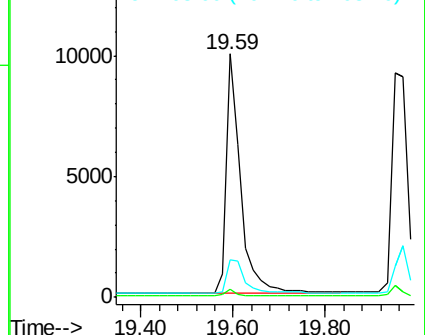
203 17.3 13.7 20.5



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

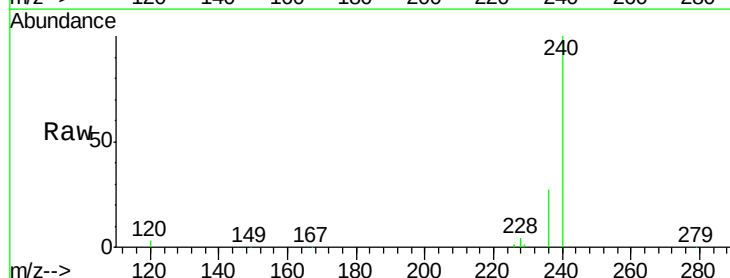
Tgt Ion:240 Resp: 80211

Ion Ratio Lower Upper

240 100

120 2.6 2.6 4.0#

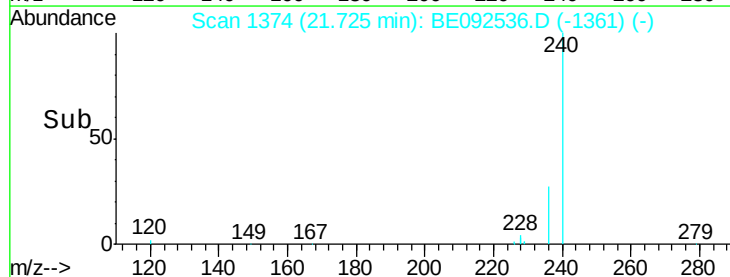
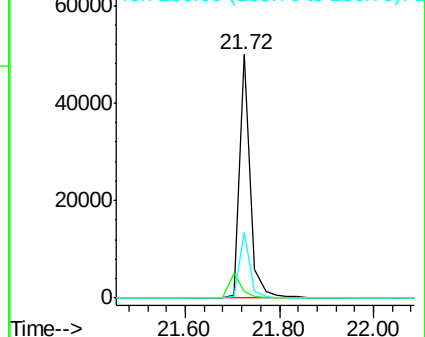
236 27.1 24.6 37.0

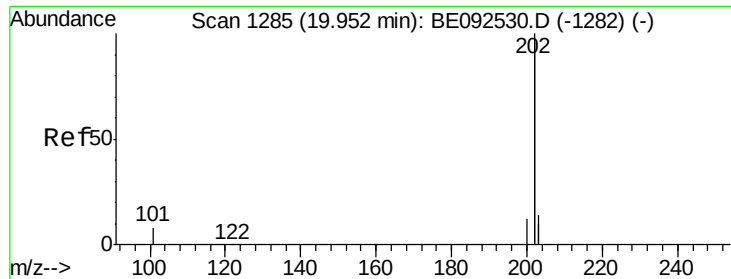


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

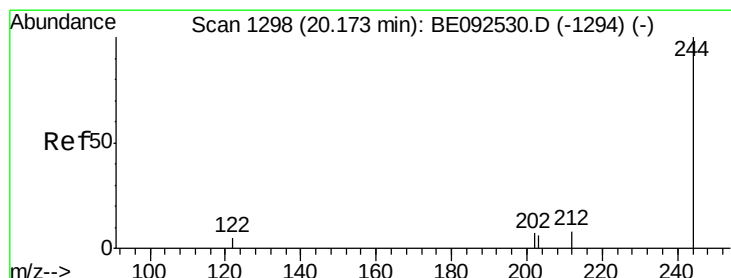
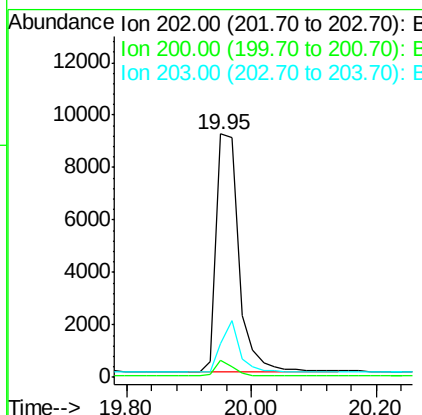
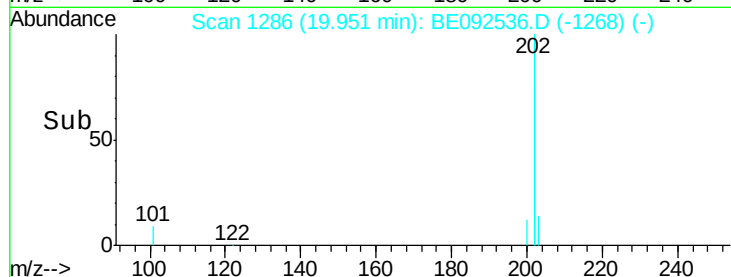
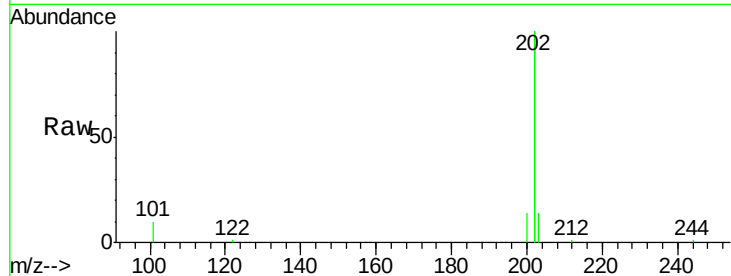




#25
Pvrene
Concen: 0.36 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

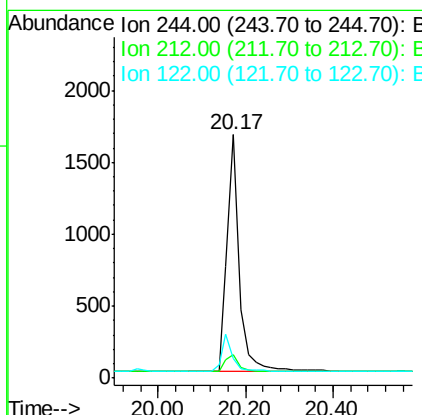
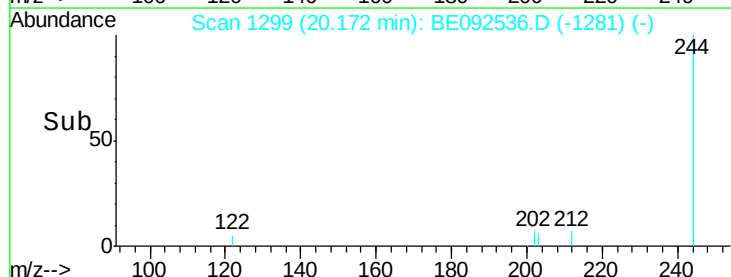
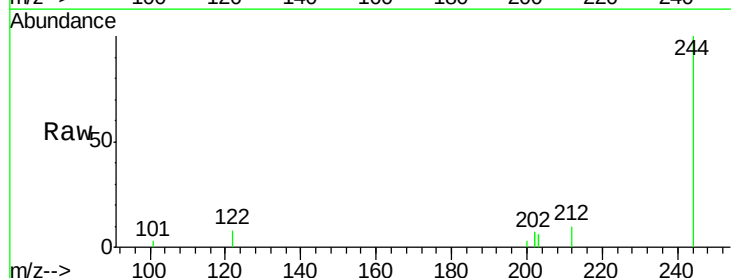
Instrument :
BNA_E
ClientSampleId :
ICVBE111616

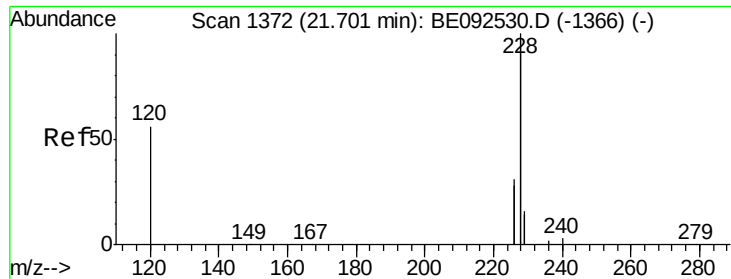
Tot Ion:202 Resp: 22886
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.8 13.9 20.9



#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#

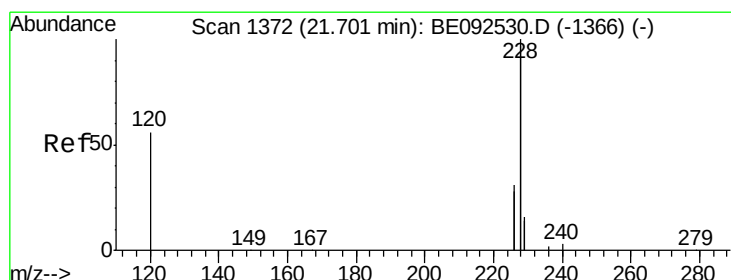
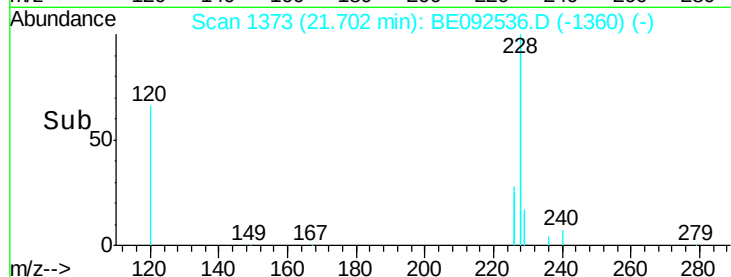
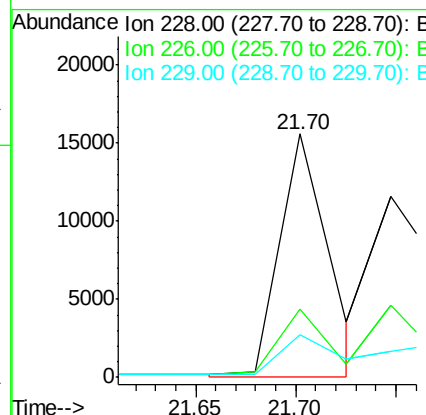
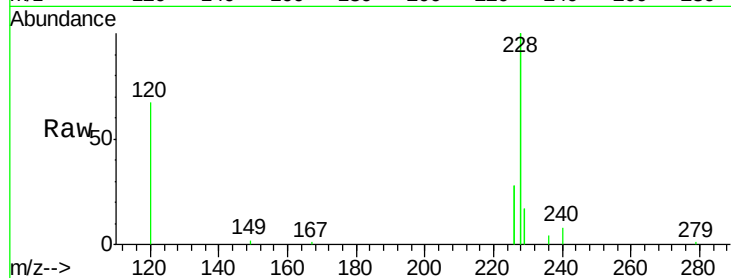




#27
Benzo(a)anthracene
Concen: 0.44 ng m
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

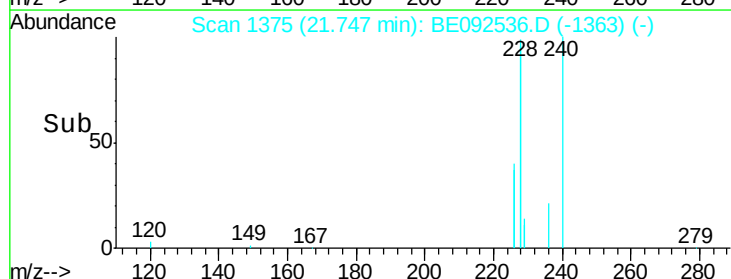
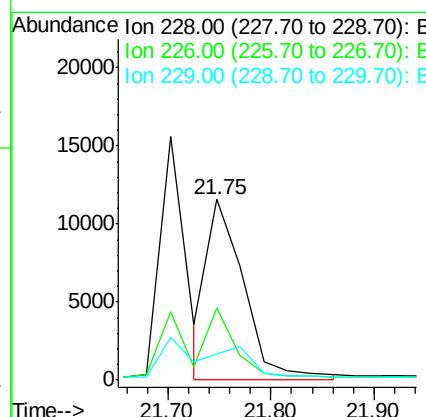
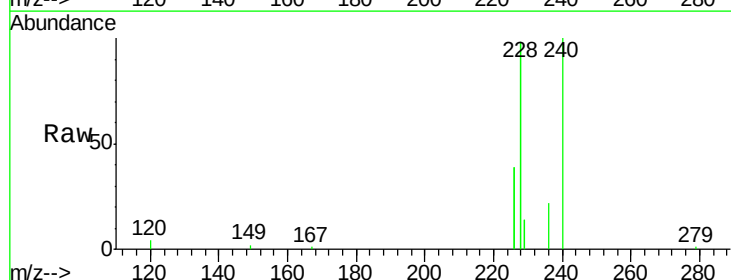
Instrument :
BNA_E
ClientSampleId :
ICVBE111616

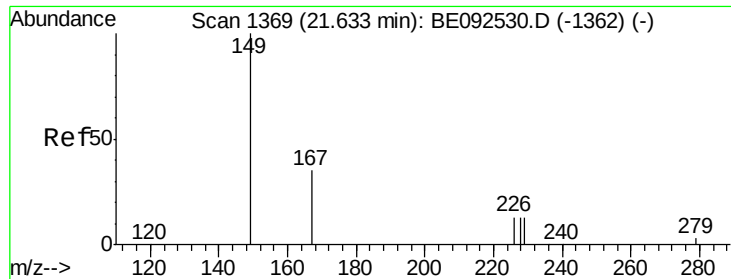
Tot Ion:228 Resp: 26532
Ion Ratio Lower Upper
228 100
226 27.8 23.6 35.4
229 17.4 13.3 19.9



#28
Chrysene
Concen: 0.43 ng m
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

Tgt Ion:228 Resp: 29105
Ion Ratio Lower Upper
228 100
226 40.0 36.3 54.5
229 14.3 10.6 16.0





#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

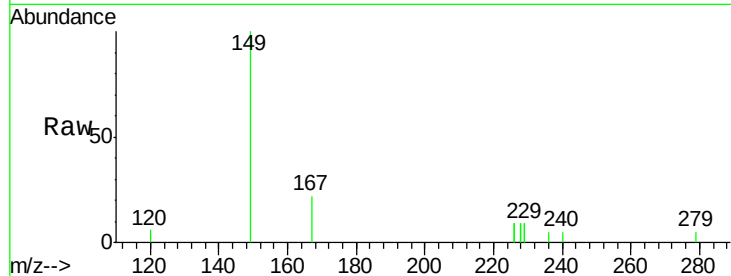
Tot Ion:149 Resp: 1816

Ion Ratio Lower Upper

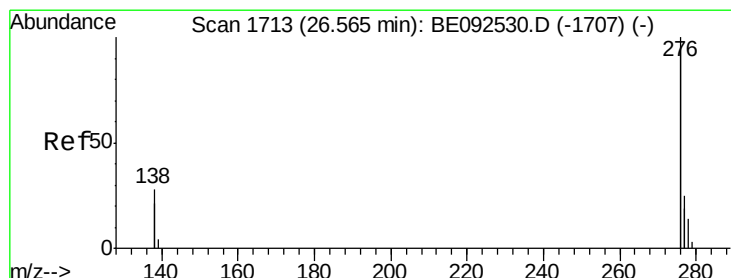
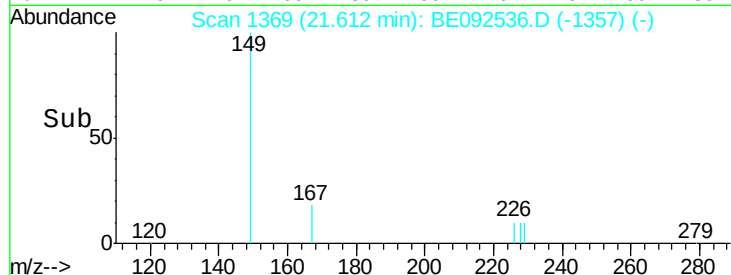
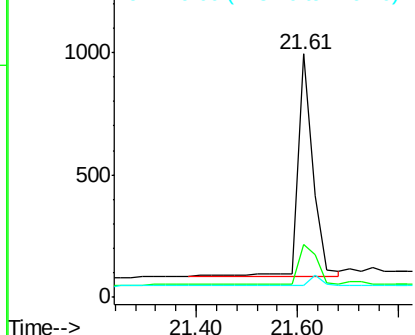
149 100

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

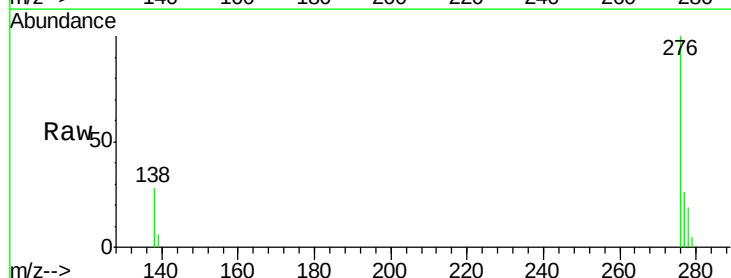
Tgt Ion:276 Resp: 27195

Ion Ratio Lower Upper

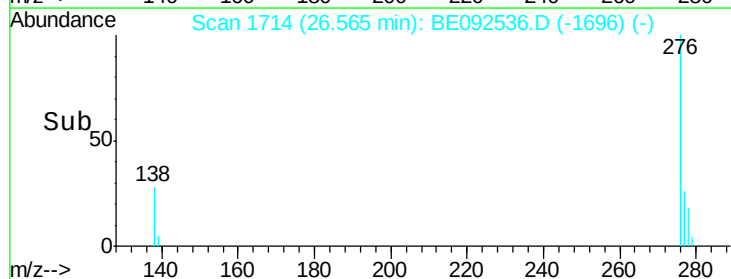
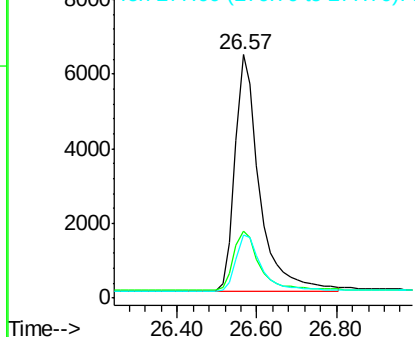
276 100

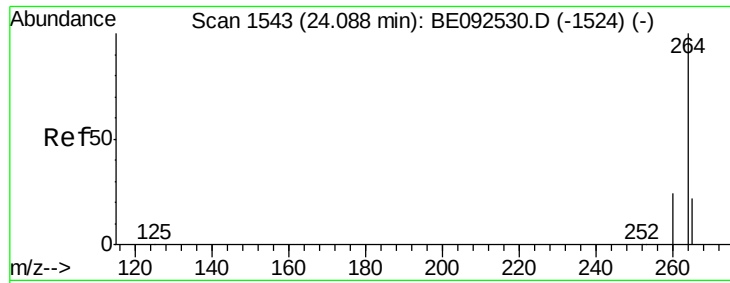
138 27.4 20.3 30.5

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



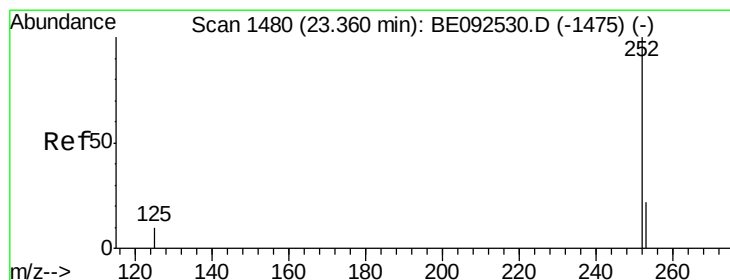
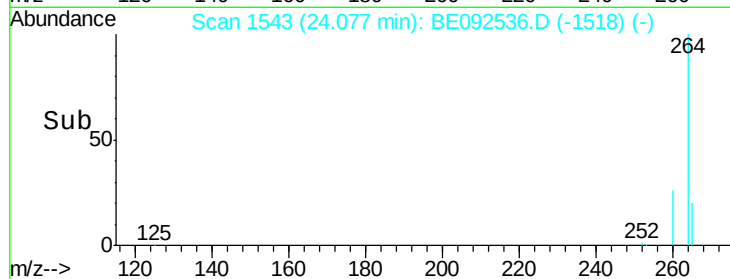
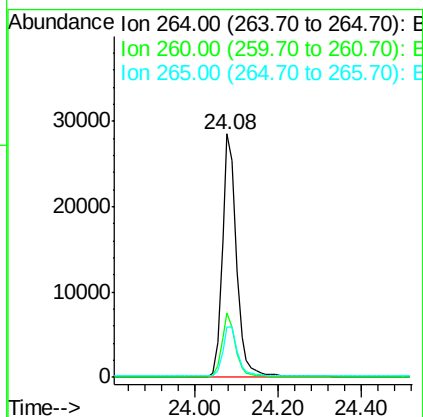
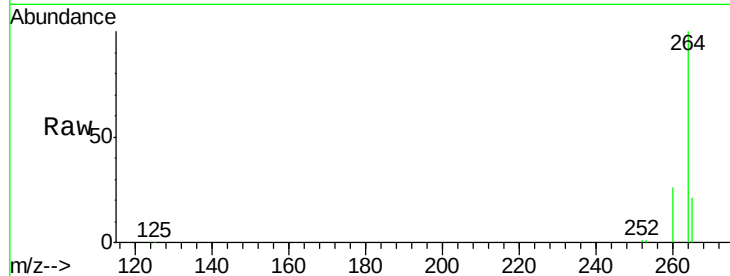


#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

Instrument :
BNA_E
ClientSampleId :
ICVBE111616

Tot Ion:264 Resp: 68082

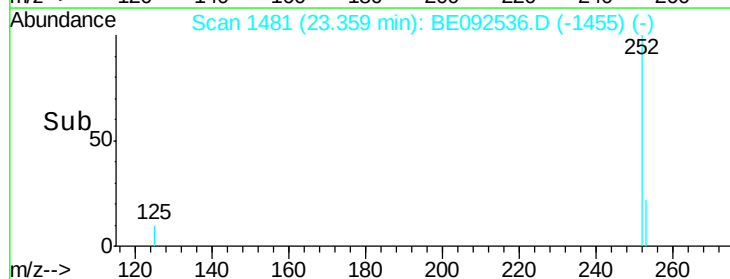
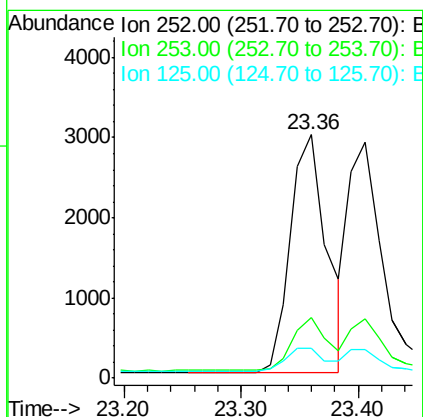
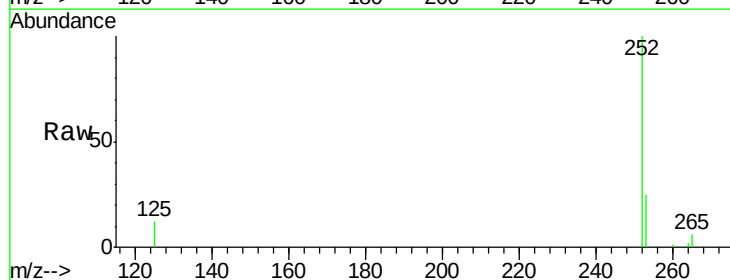
Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.1	30.1
265	20.9	17.9	26.9

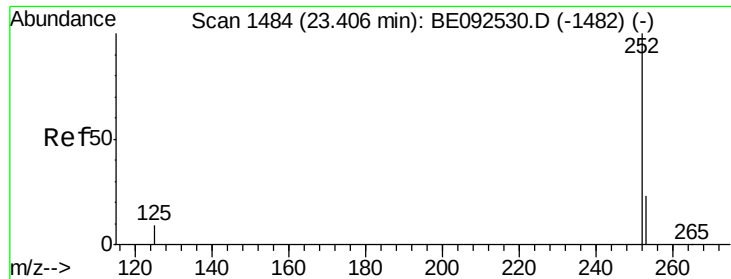


#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

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

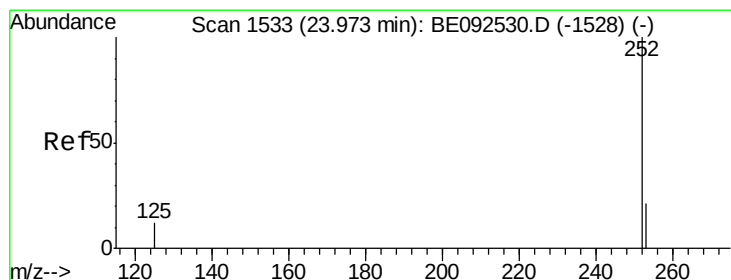
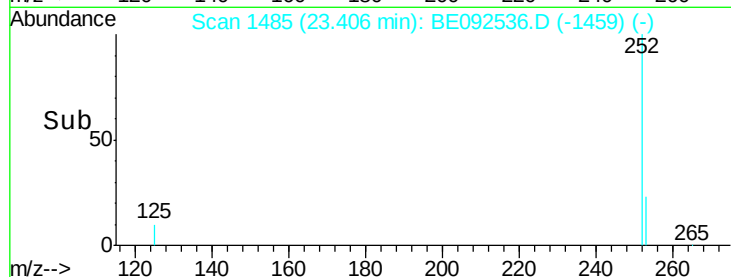
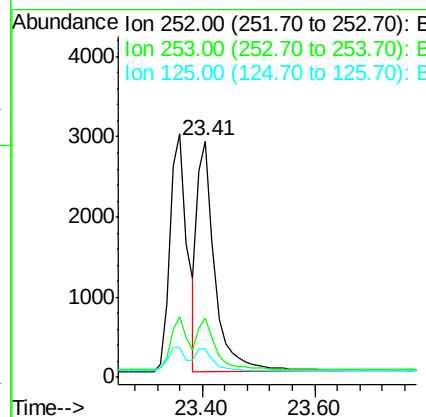
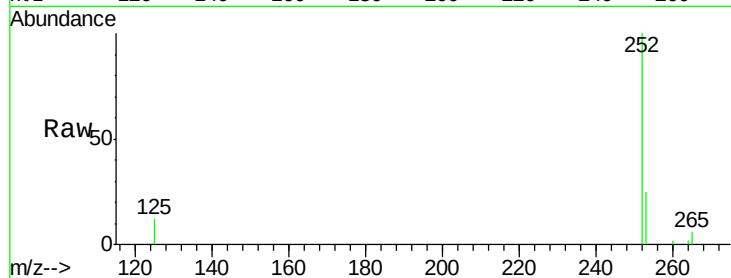




#33
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 23.41 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE092536.D
Acq: 16 Nov 2016 15:22

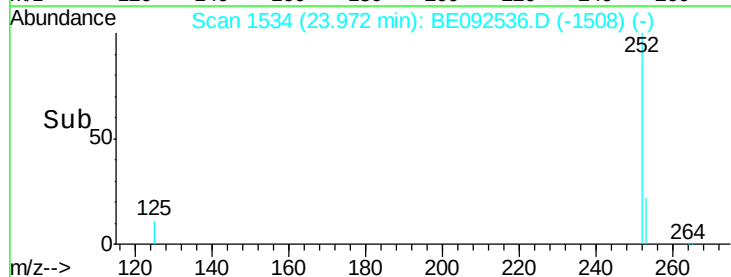
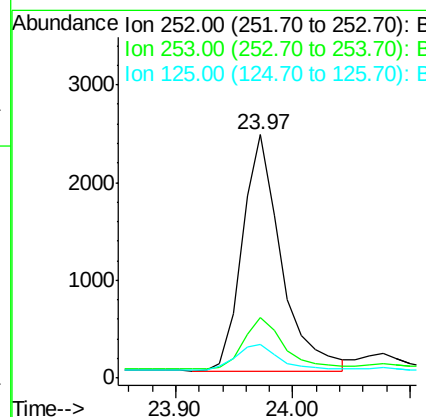
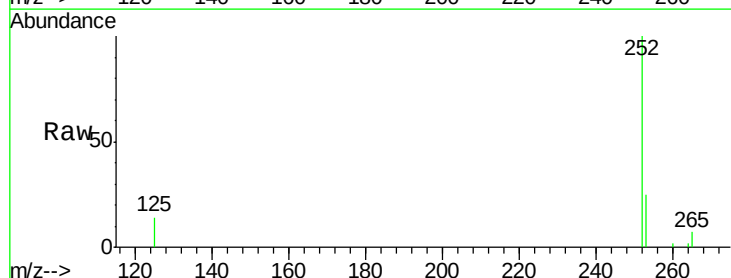
Instrument :
BNA_E
ClientSampleId :
ICVBE111616

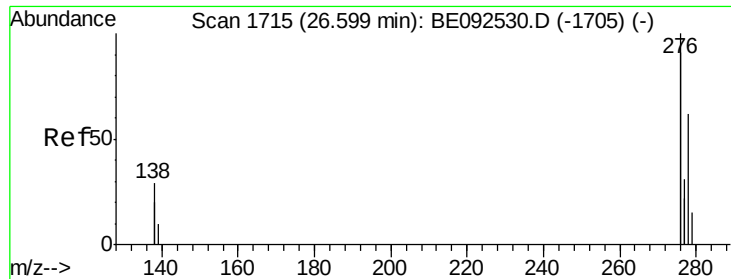
Tot Ion:252 Resp: 6196
Ion Ratio Lower Upper
252 100
253 25.2 20.3 30.5
125 12.3 9.6 14.4



#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





#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

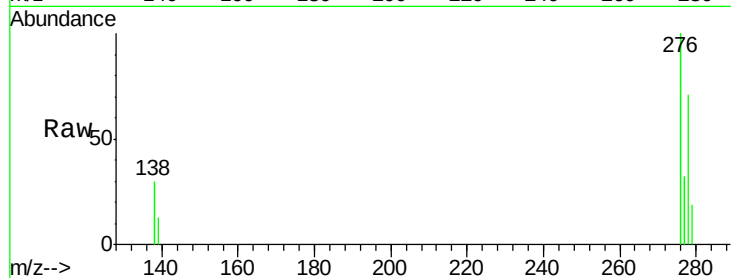
Tot Ion:278 Resp: 5461

Ion Ratio Lower Upper

278 100

139 18.4 13.8 20.8

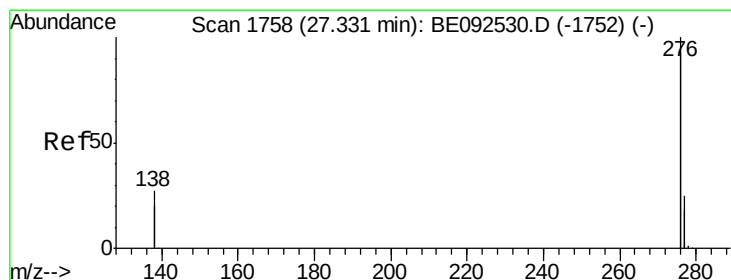
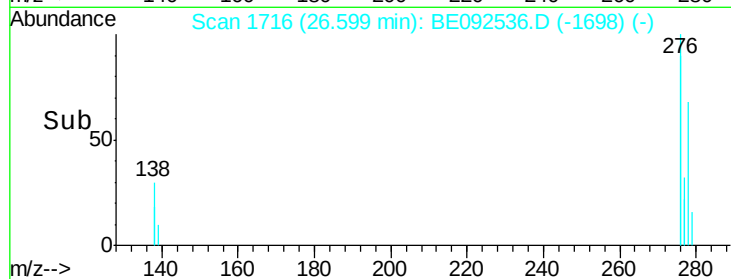
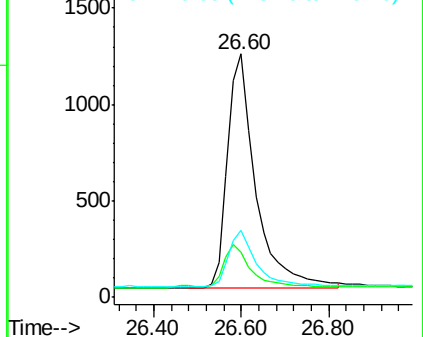
279 27.4 21.4 32.2



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

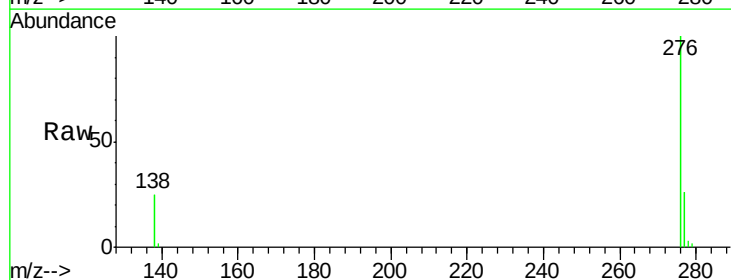
Tgt Ion:276 Resp: 23797

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

