

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092216\
 Data File : BE092398.D
 Acq On : 22 Sep 2016 16:38
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 17:10:13 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 16:57:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8327	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	42474	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	34287	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	72123	5.00	ng	0.00
24) Chrysene-d12	21.75	240	88671	5.00	ng	0.00
31) Perylene-d12	24.12	264	81179	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	271	0.14	ng	0.00
5) Phenol-d6	7.38	99	305	0.12	ng	0.02
8) Nitrobenzene-d5	9.39	82	330	0.11	ng	0.02
13) 2,4,6-Tribromophenol	16.33	330	140	0.13	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	1497	0.14	ng	0.01
26) Terphenyl-d14	20.19	244	2134	0.16	ng	0.00

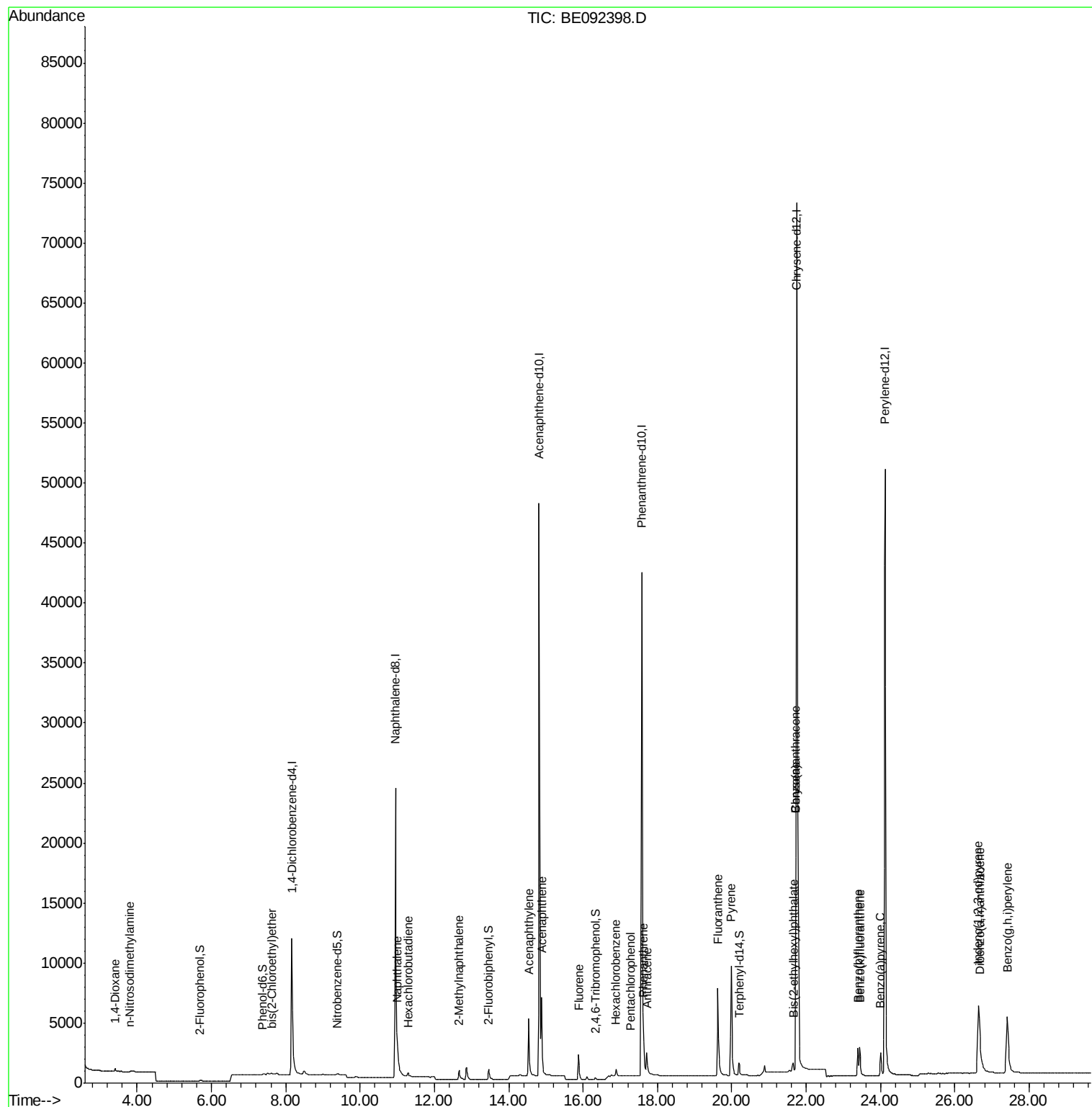
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	224	0.19	ng	99
3) n-Nitrosodimethylamine	3.80	42	128	0.12	ng	# 2
6) bis(2-Chloroethyl)ether	7.61	93	220	0.10	ng	# 83
9) Naphthalene	11.01	128	1837	0.19	ng	# 92
10) Hexachlorobutadiene	11.30	225	304	0.20	ng	100
11) 2-Methylnaphthalene	12.66	142	1161	0.19	ng	97
15) Acenaphthylene	14.54	152	9284	0.16	ng	100
16) Acenaphthene	14.88	154	1617	0.17	ng	95
17) Fluorene	15.88	166	1863	0.16	ng	99
19) Hexachlorobenzene	16.89	284	558	0.16	ng	95
20) Pentachlorophenol	17.28	266	100	0.13	ng	86
21) Phenanthrene	17.63	178	3226	0.16	ng	# 75
22) Anthracene	17.72	178	2919	0.16	ng	99
23) Fluoranthene	19.63	202	14204	0.16	ng	99
25) Pyrene	19.99	202	14976	0.17	ng	99
27) Benzo(a)anthracene	21.72	228	32546	0.34	ng	98
28) Chrysene	21.72	228	32918	0.33	ng	# 82
29) Bis(2-ethylhexyl)phthalate	21.66	149	1335	0.10	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.63	276	16152	0.16	ng	99
32) Benzo(b)fluoranthene	23.39	252	3708	0.18	ng	94
33) Benzo(k)fluoranthene	23.44	252	3888	0.18	ng	97
34) Benzo(a)pyrene	24.01	252	3597	0.18	ng	# 94
35) Dibenzo(a,h)anthracene	26.67	278	3181	0.17	ng	# 89
36) Benzo(g,h,i)perylene	27.42	276	14434	0.18	ng	94

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

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BNA_E
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

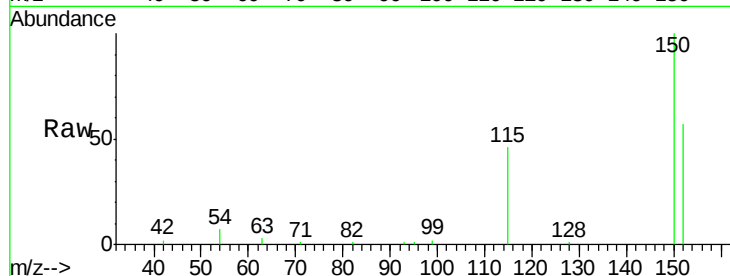
Tot Ion:152 Resp: 8327

Ion Ratio Lower Upper

152 100

150 176.3 106.0 159.0#

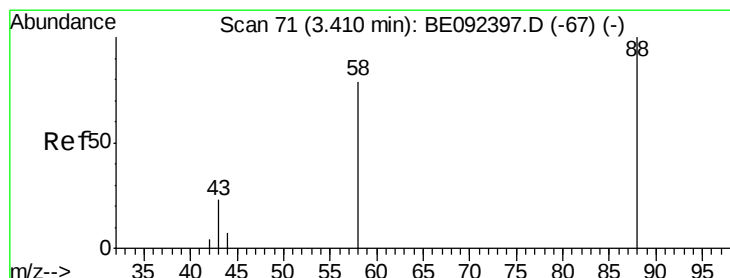
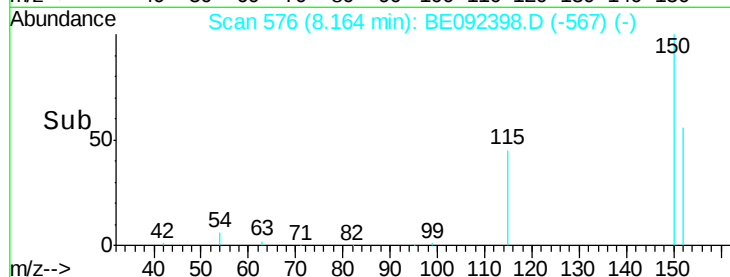
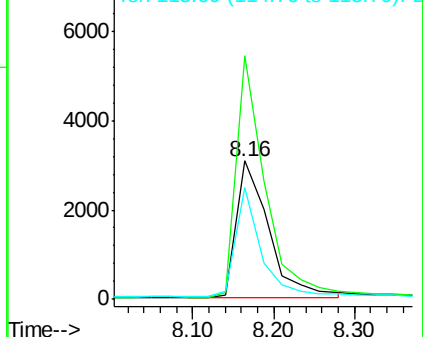
115 81.2 31.2 46.8#



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: 0.19 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

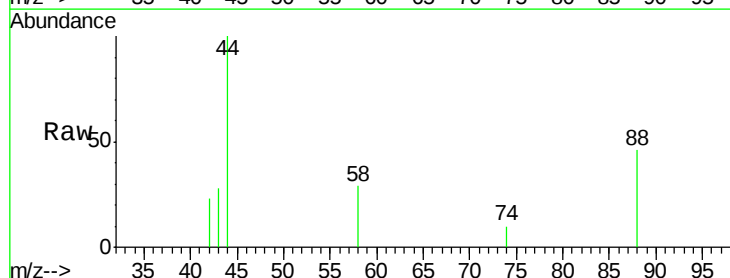
Tgt Ion: 88 Resp: 224

Ion Ratio Lower Upper

88 100

58 78.1 63.6 95.4

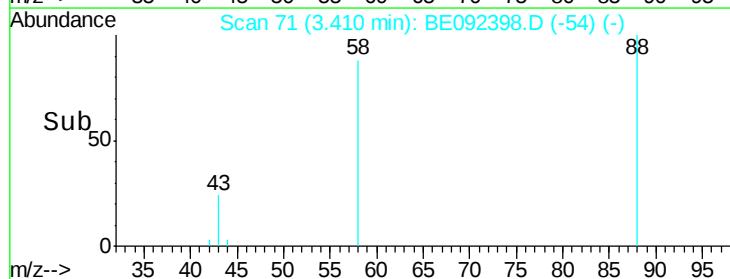
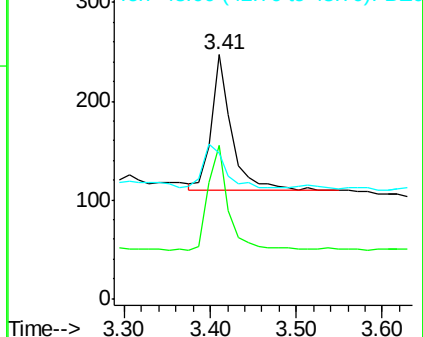
43 35.7 28.0 42.0

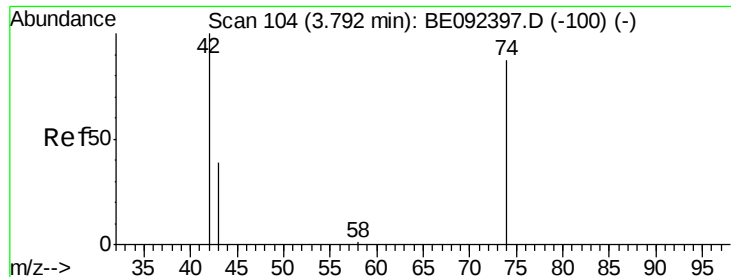


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.01 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

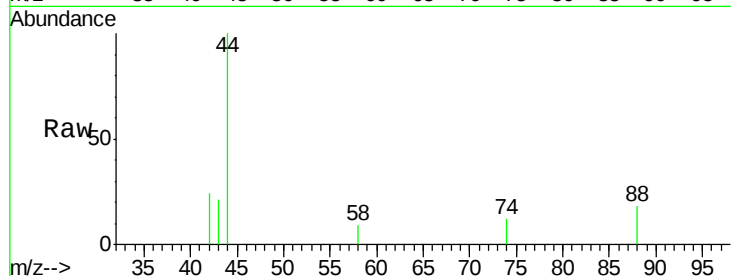
Tot Ion: 42 Resp: 128

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

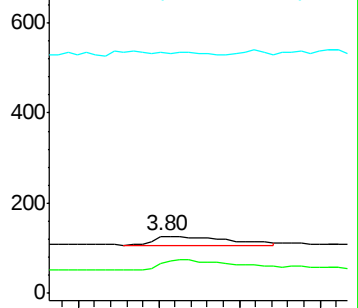
44 0.0 5.1 7.7#



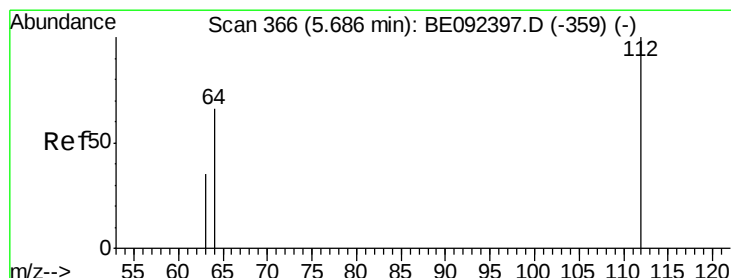
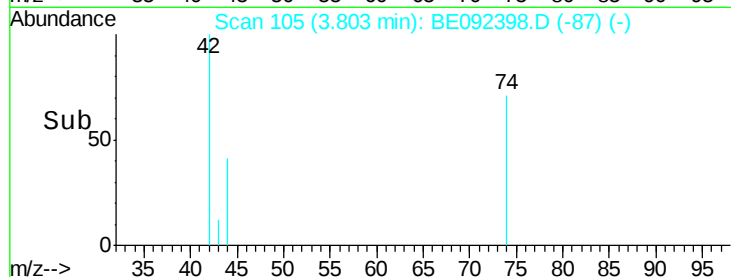
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.14 ng

RT: 5.69 min Scan# 367

Delta R.T. 0.01 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

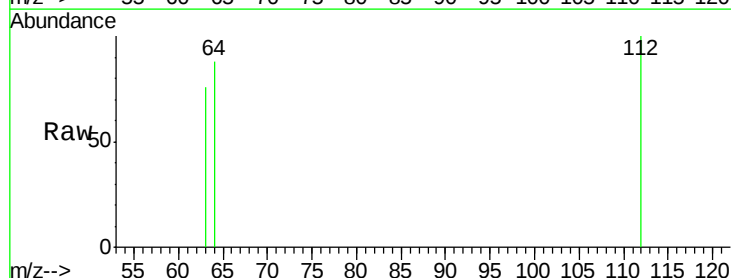
Tgt Ion: 112 Resp: 271

Ion Ratio Lower Upper

112 100

64 67.2 53.5 80.3

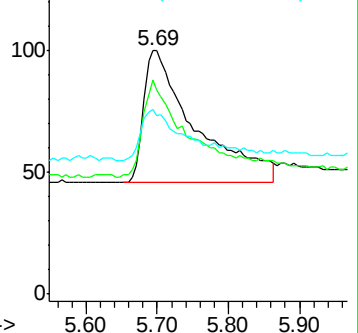
63 29.2 27.9 41.9



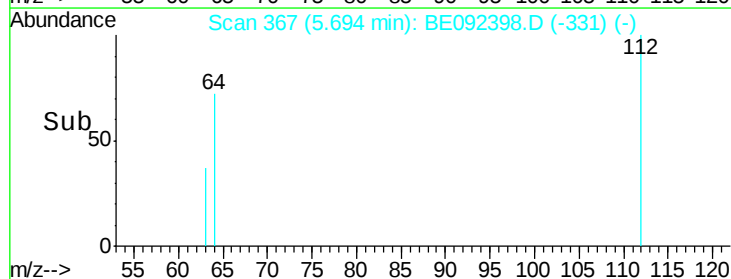
Abundance Ion 112.00 (111.70 to 112.70): E

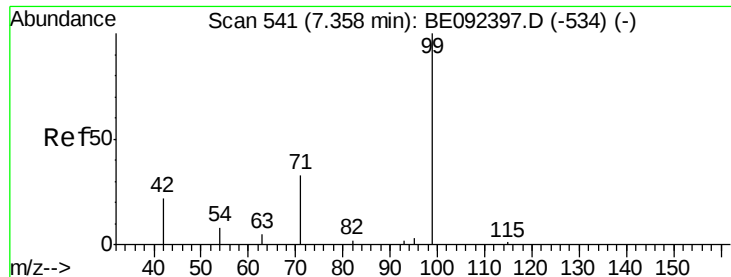
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.12 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.02 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampled :

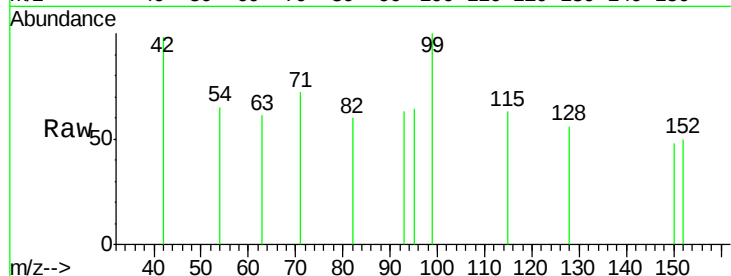
Tot Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 25.2 16.0 24.0#

71 34.4 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

7.38

100

80

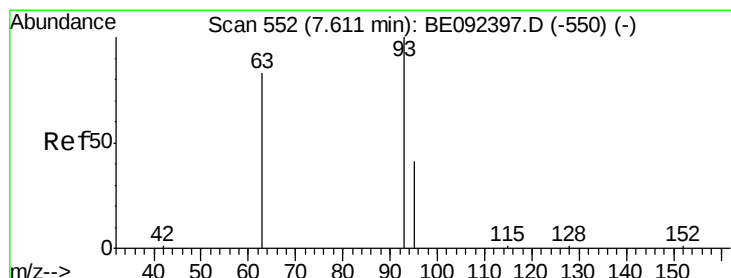
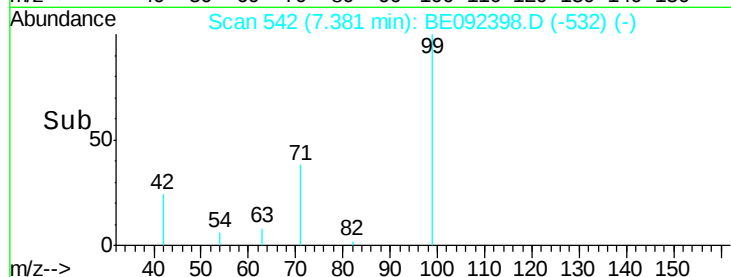
60

40

20

0

Time--> 7.20 7.30 7.40 7.50



#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

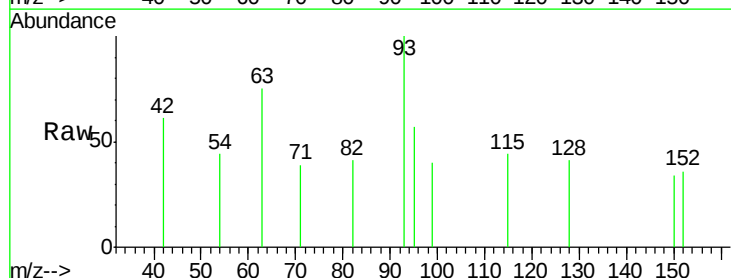
Tgt Ion: 93 Resp: 220

Ion Ratio Lower Upper

93 100

63 104.1 71.6 107.4

95 42.3 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

7.61

200

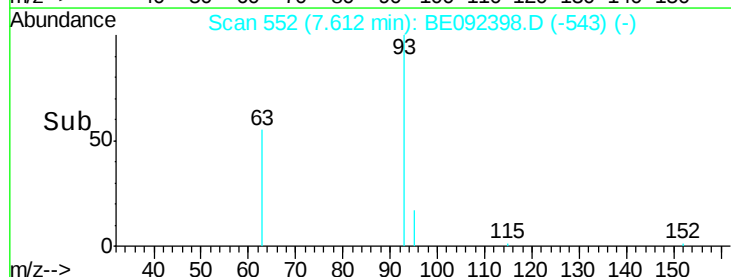
150

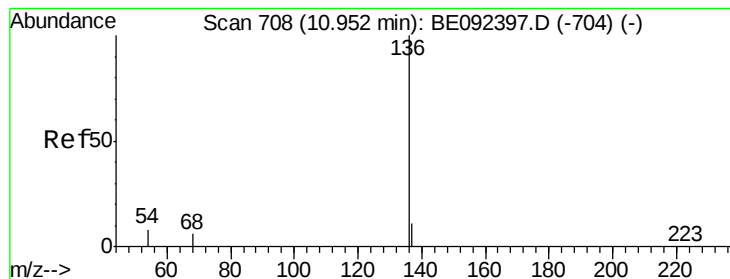
100

50

0

Time--> 7.60 7.70





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 42474

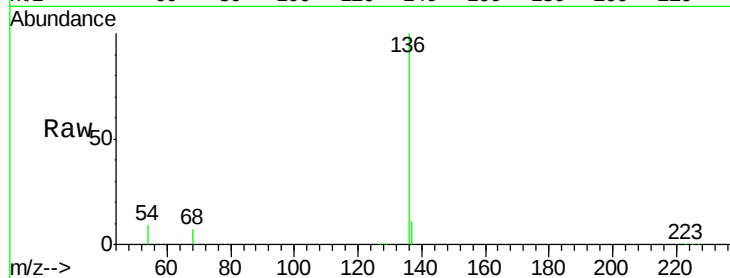
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.7 9.6 14.4#

68 6.5 6.7 10.1#

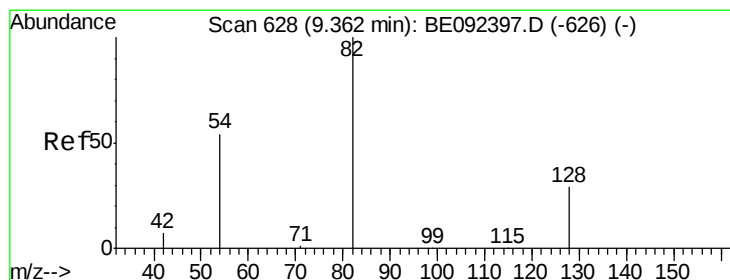
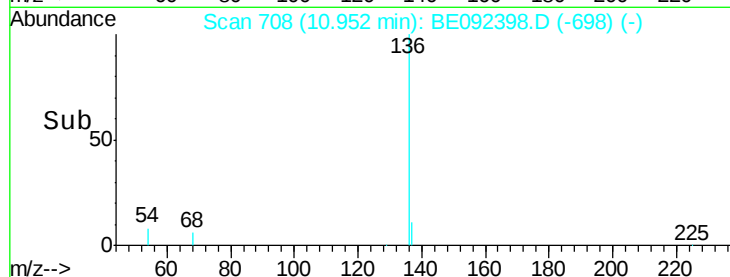
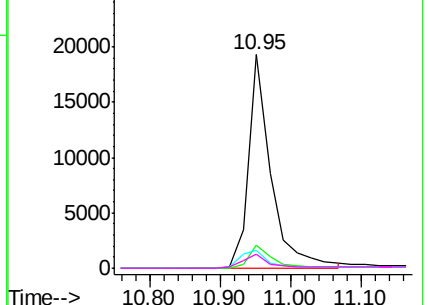


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.11 ng

RT: 9.39 min Scan# 629

Delta R.T. 0.02 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

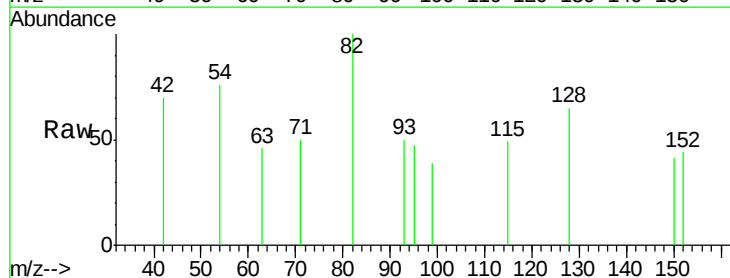
Tgt Ion: 82 Resp: 330

Ion Ratio Lower Upper

82 100

128 64.7 39.0 58.4#

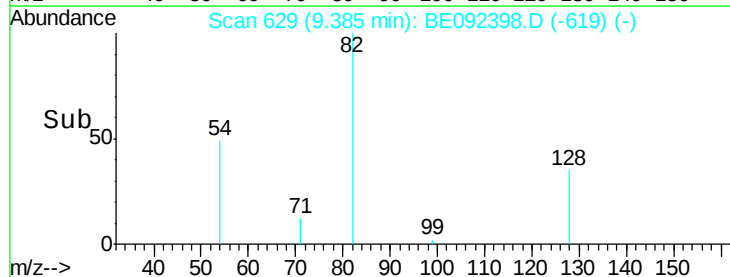
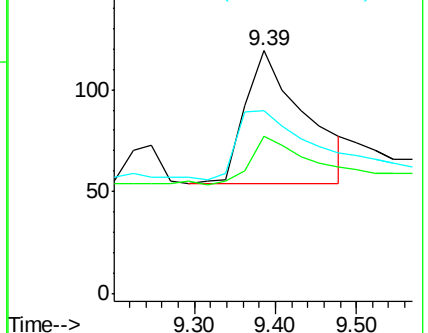
54 75.6 44.8 67.2#

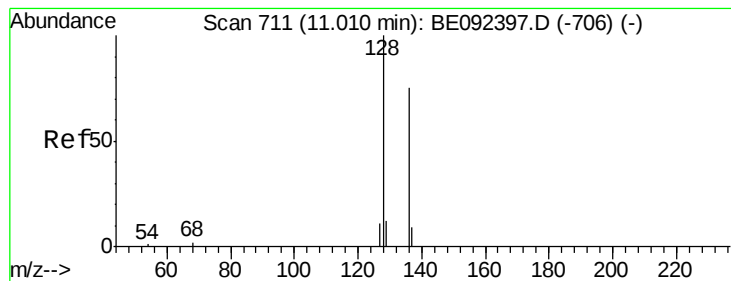


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.19 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

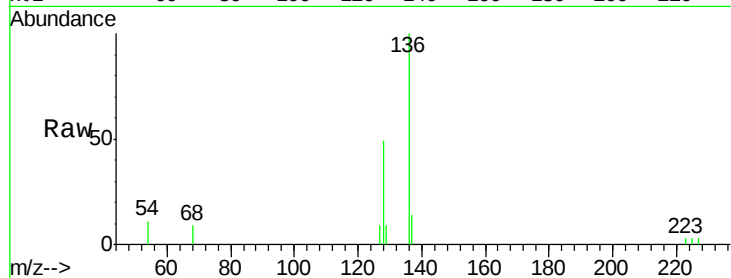
Tot Ion:128 Resp: 1837

Ion Ratio Lower Upper

128 100

129 17.9 11.2 16.8#

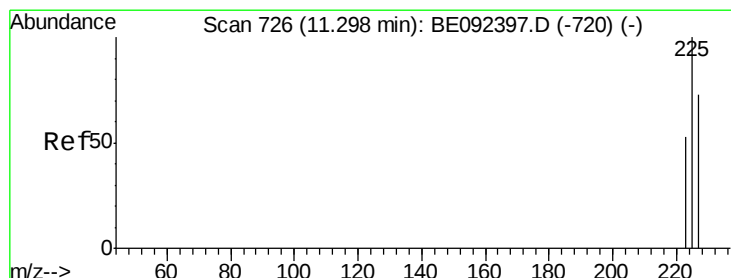
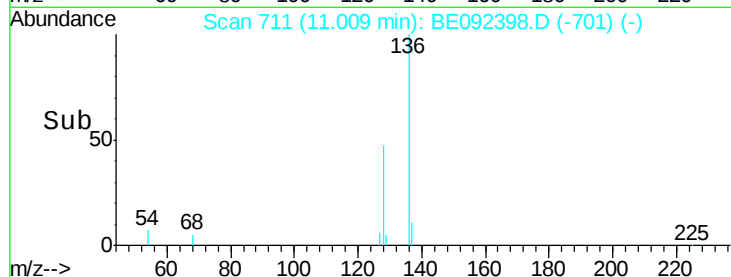
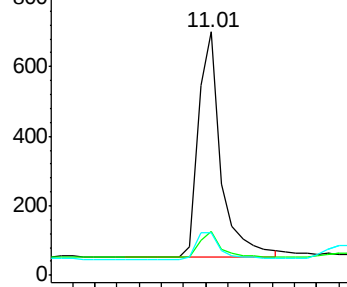
127 17.6 11.6 17.4#



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: 0.20 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

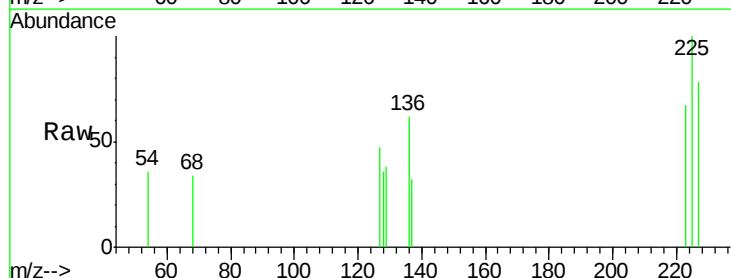
Tgt Ion:225 Resp: 304

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

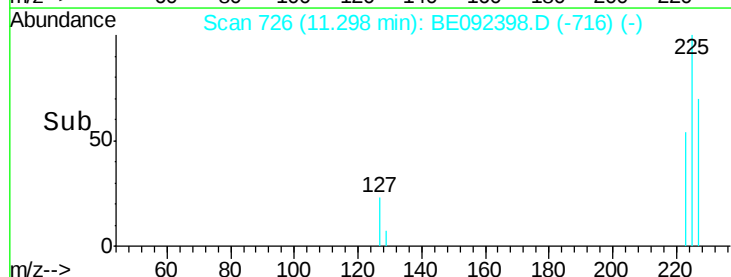
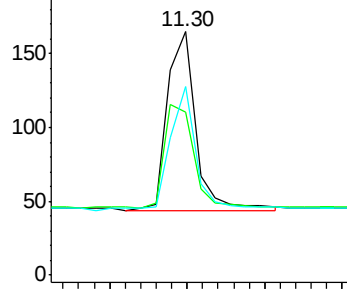
227 64.1 51.4 77.0

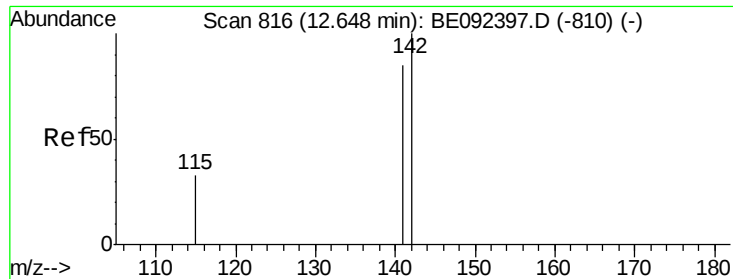


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

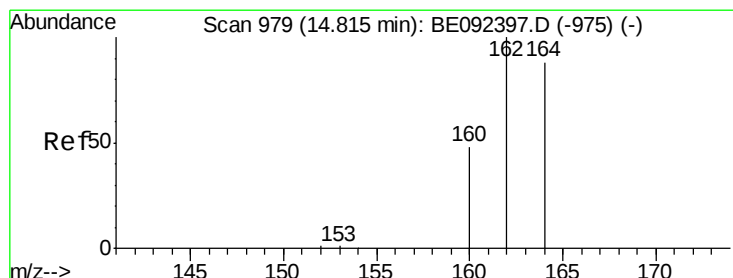
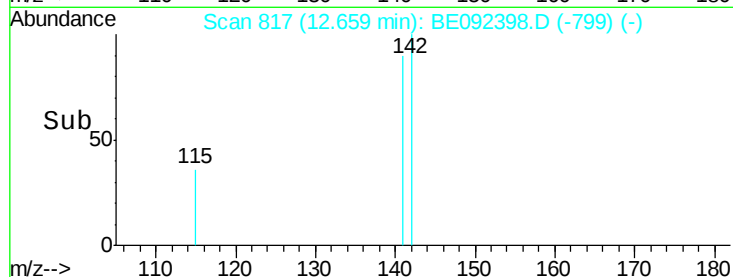
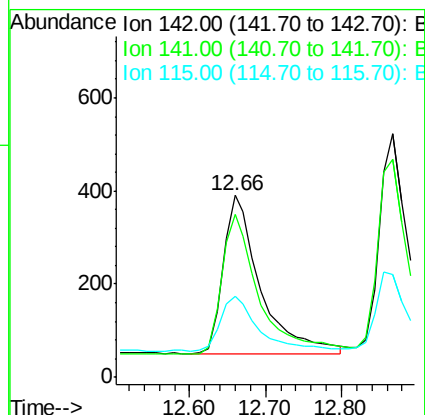
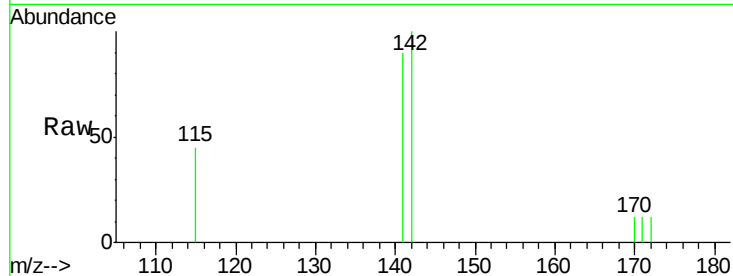




#11
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.66 min Scan# 817
Delta R.T. 0.01 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

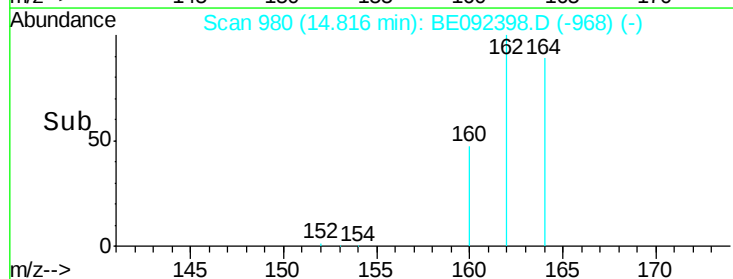
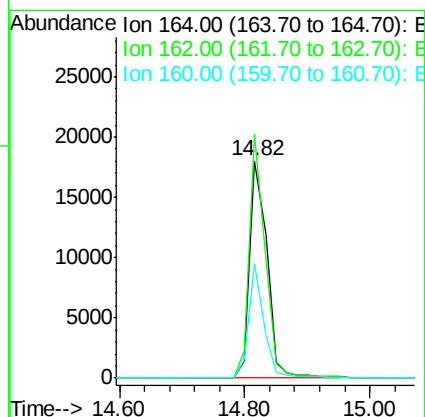
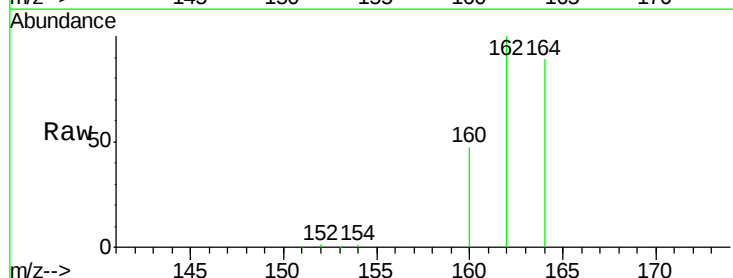
Instrument :
BNA_E
ClientSampleId :

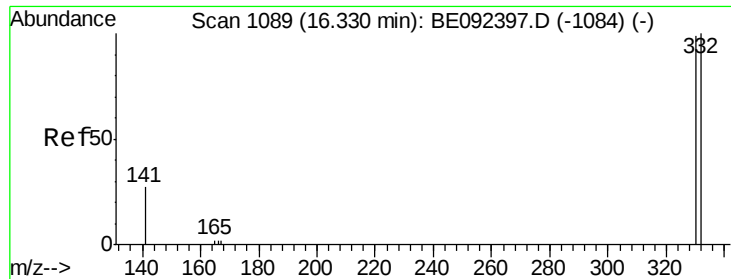
Tot Ion:142 Resp: 1161
Ion Ratio Lower Upper
142 100
141 89.5 73.7 110.5
115 44.8 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:164 Resp: 34287
Ion Ratio Lower Upper
164 100
162 112.3 71.4 107.0#
160 53.0 27.4 41.2#

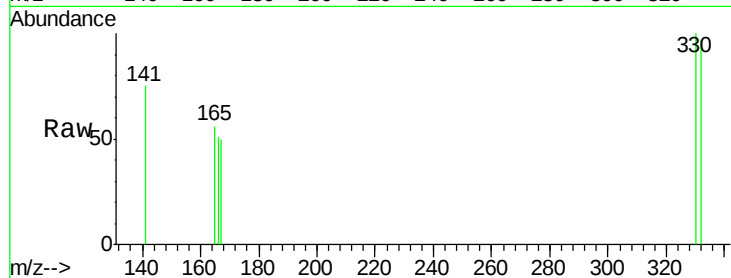




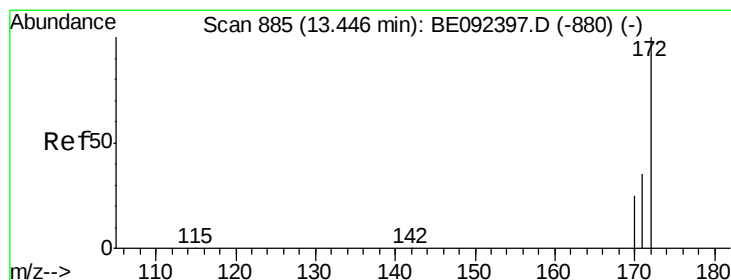
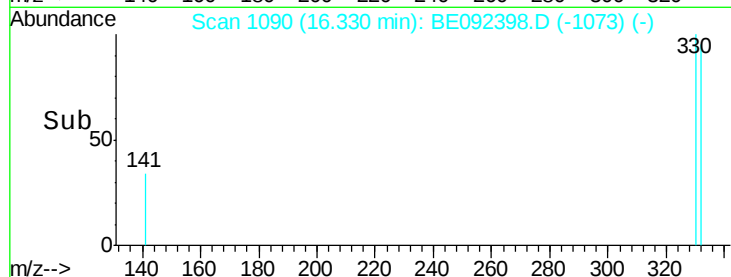
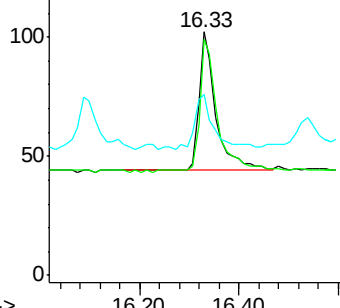
#13
 2,4,6-Tribromophenol
 Concen: 0.13 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BE092398.D
 Acq: 22 Sep 2016 16:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 140
 Ion Ratio Lower Upper
 330 100
 332 107.9 75.4 113.0
 141 45.0 31.0 46.6

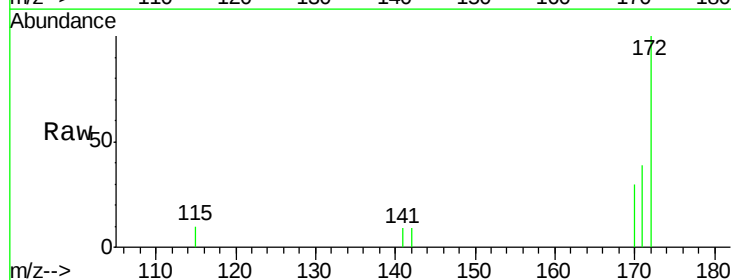


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

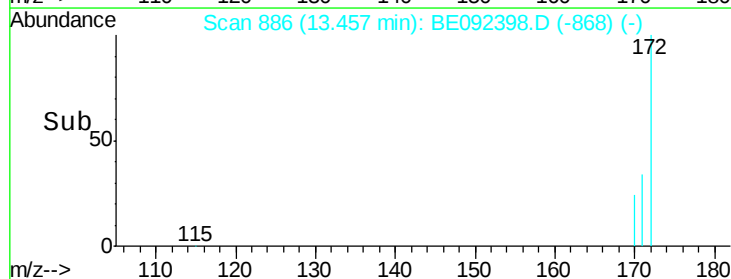
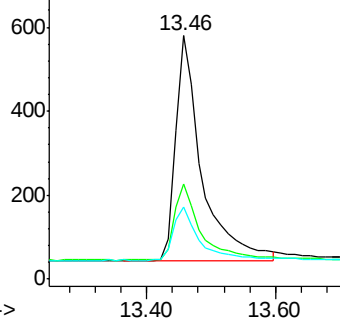


#14
 2-Fluorobiphenyl
 Concen: 0.14 ng
 RT: 13.46 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BE092398.D
 Acq: 22 Sep 2016 16:38

Tgt Ion:172 Resp: 1497
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.1 45.1
 170 29.7 21.8 32.6



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: 0.16 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampled :

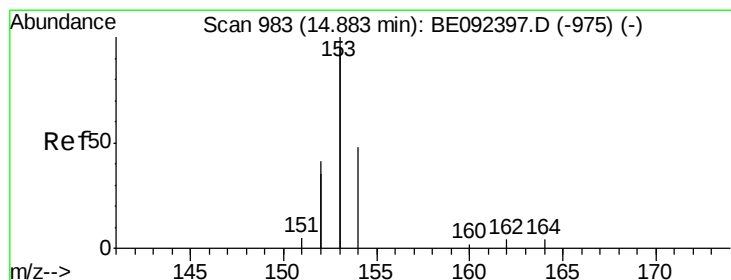
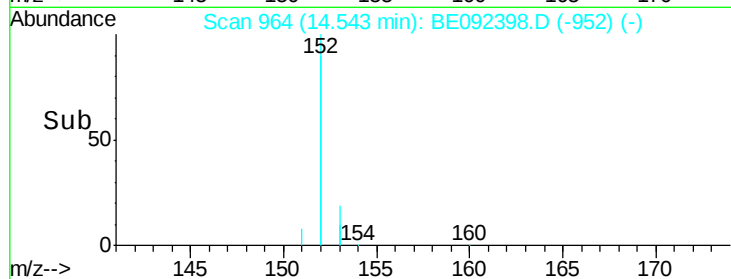
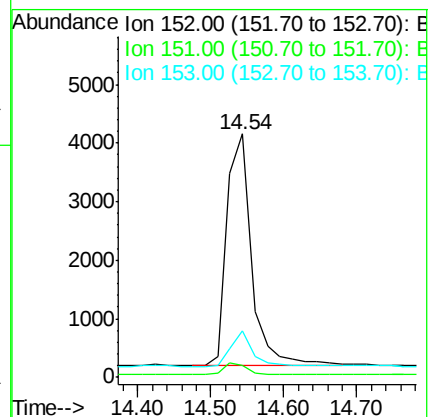
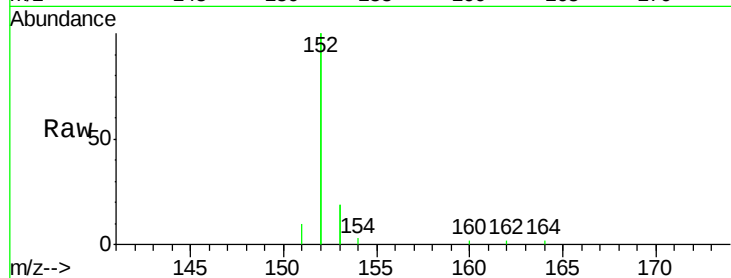
Tot Ion:152 Resp: 9284

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

153 12.8 10.4 15.6



#16

Acenaphthene

Concen: 0.17 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

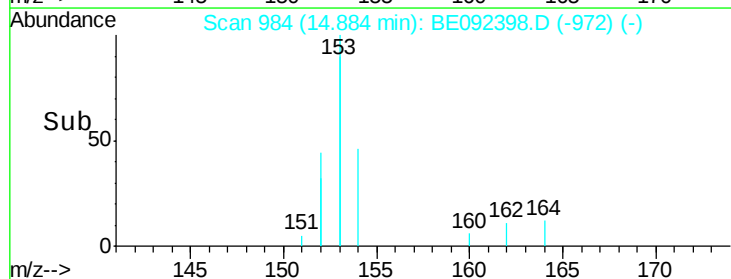
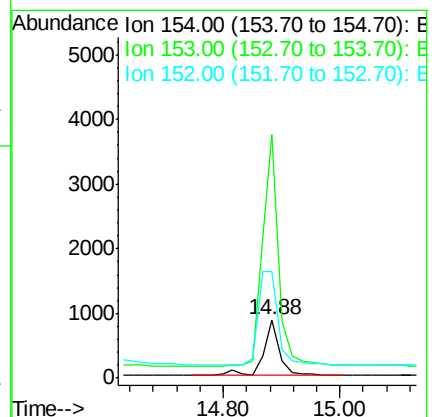
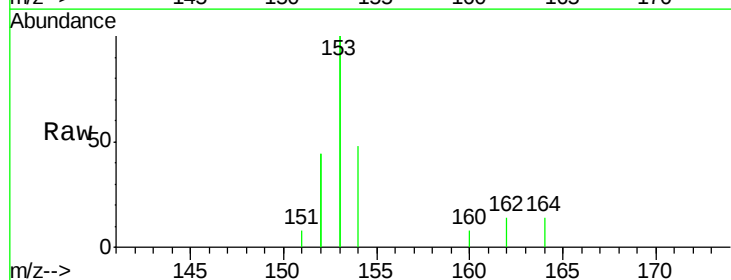
Tgt Ion:154 Resp: 1617

Ion Ratio Lower Upper

154 100

153 421.7 350.8 526.2

152 210.6 171.1 256.7





#17

Fluorene

Concen: 0.16 ng

RT: 15.88 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

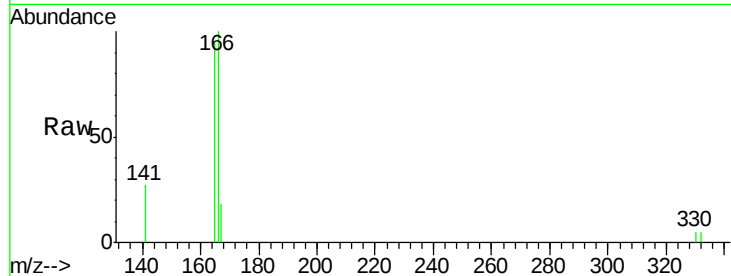
Tot Ion:166 Resp: 1863

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

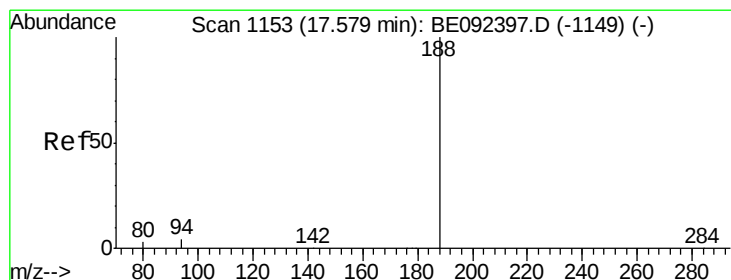
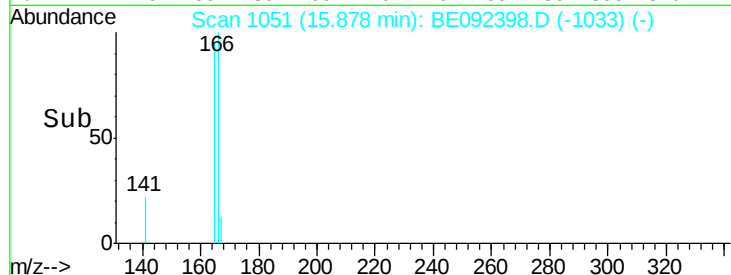
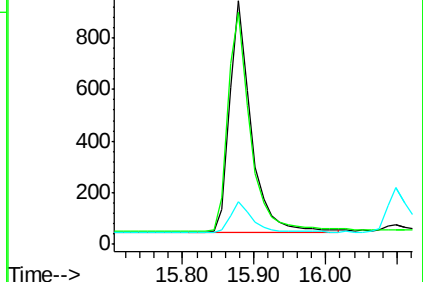
167 14.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

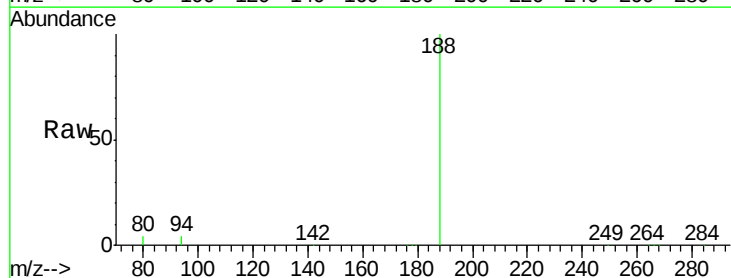
Tgt Ion:188 Resp: 72123

Ion Ratio Lower Upper

188 100

94 4.4 3.2 4.8

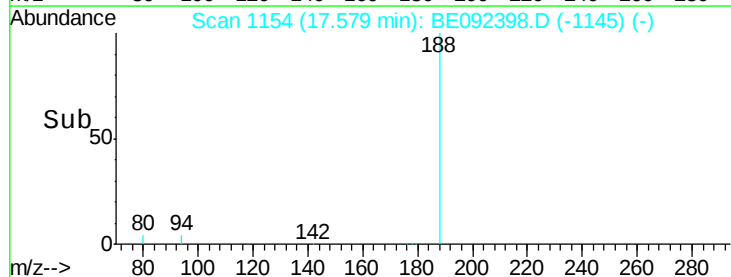
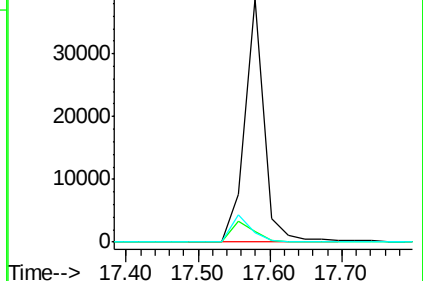
80 3.9 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

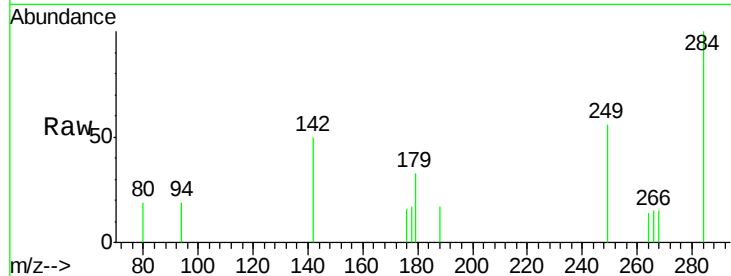




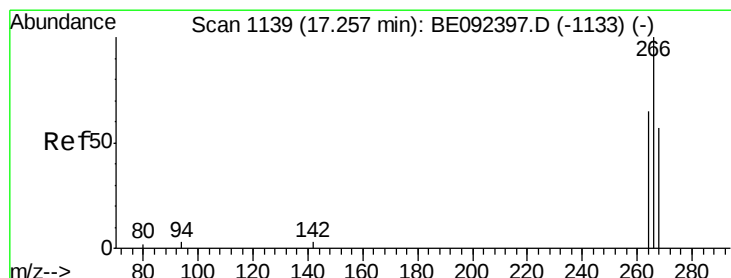
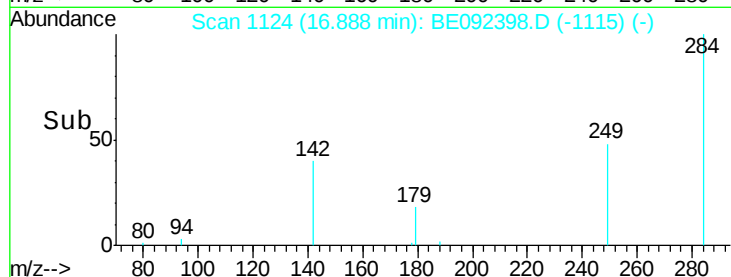
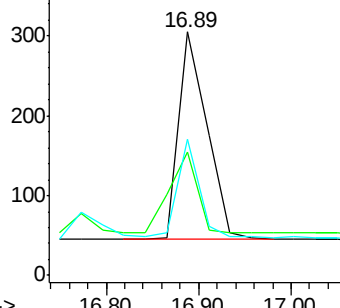
#19
Hexachlorobenzene
Concen: 0.16 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 558
Ion Ratio Lower Upper
284 100
142 40.0 29.1 43.7
249 36.9 27.9 41.9

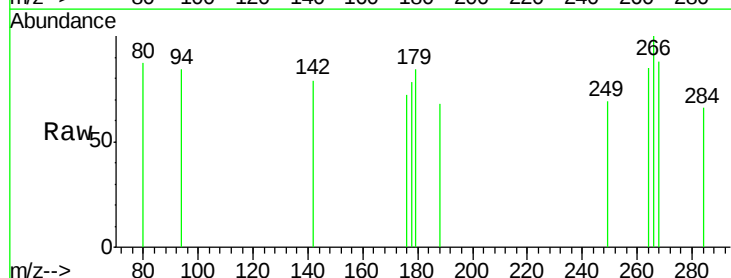


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

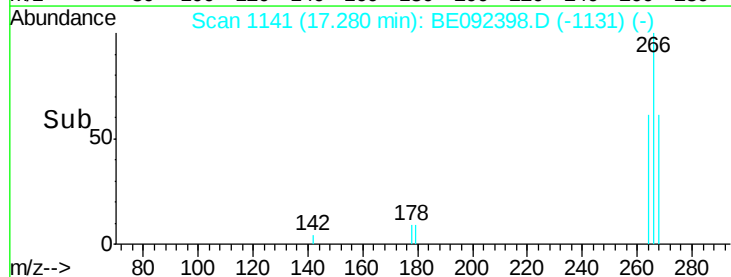
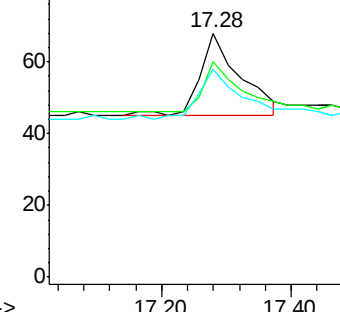


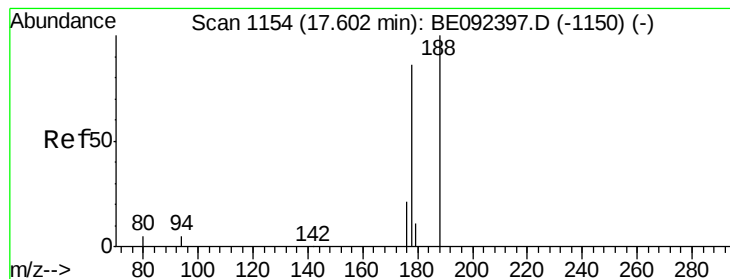
#20
Pentachlorophenol
Concen: 0.13 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:266 Resp: 100
Ion Ratio Lower Upper
266 100
268 88.2 62.5 93.7
264 85.3 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: 0.16 ng

RT: 17.63 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

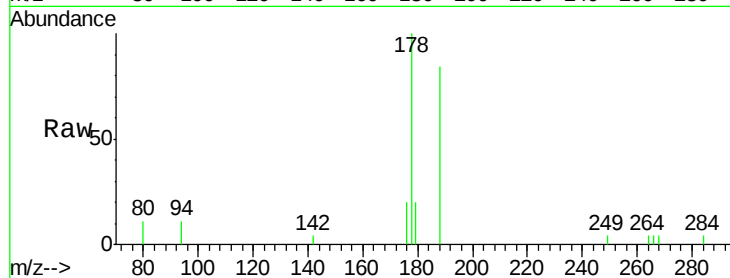
Tot Ion:178 Resp: 3226

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

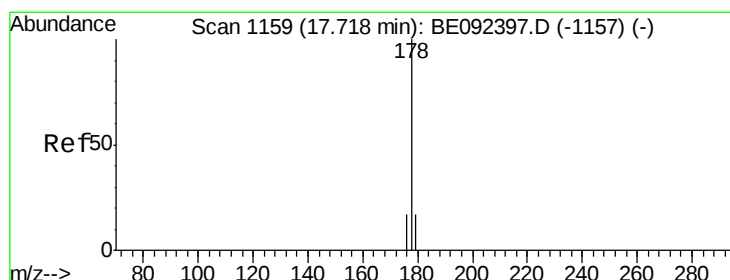
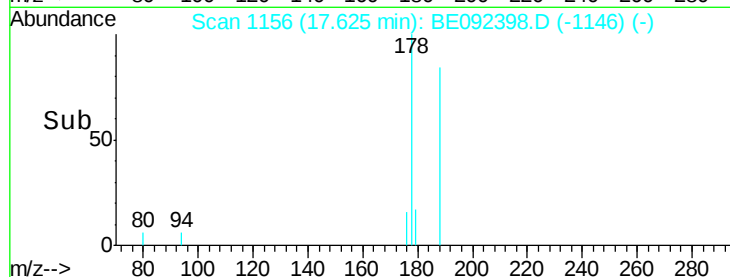
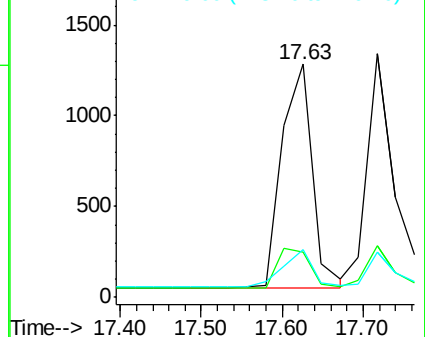
179 16.9 16.0 24.0



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: 0.16 ng

RT: 17.72 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

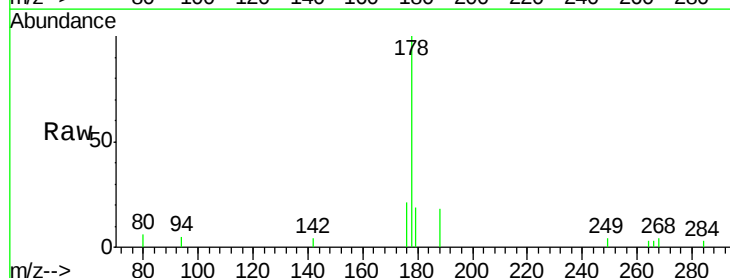
Tgt Ion:178 Resp: 2919

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

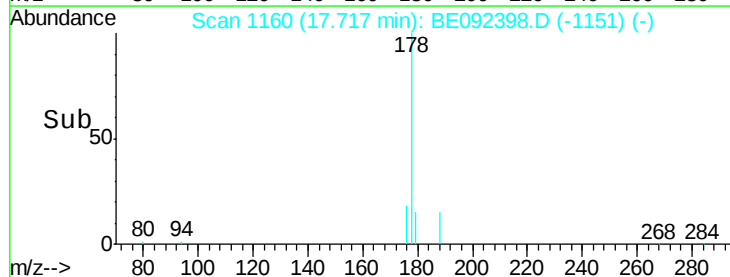
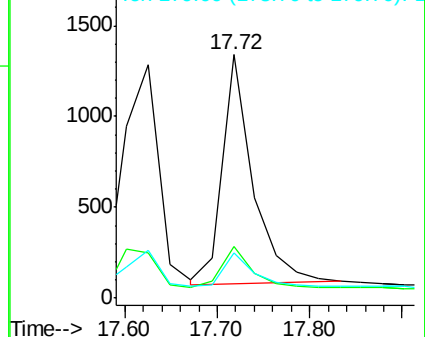
179 14.6 12.2 18.2

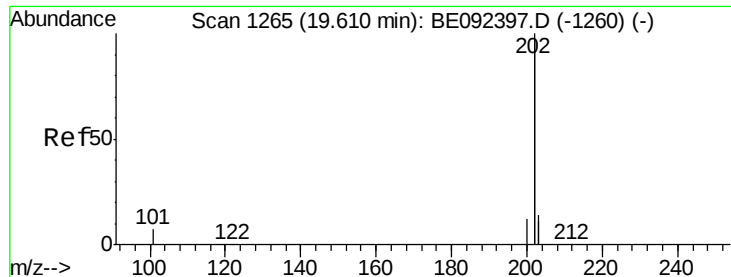


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.16 ng

RT: 19.63 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

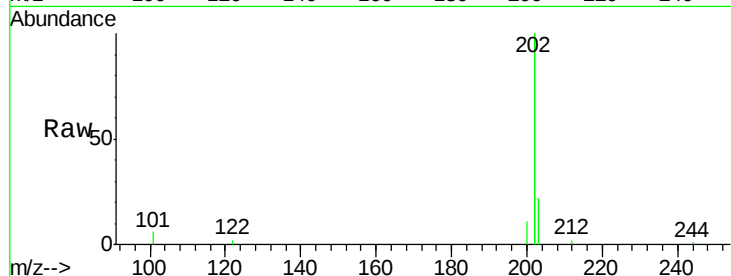
Tot Ion:202 Resp: 14204

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

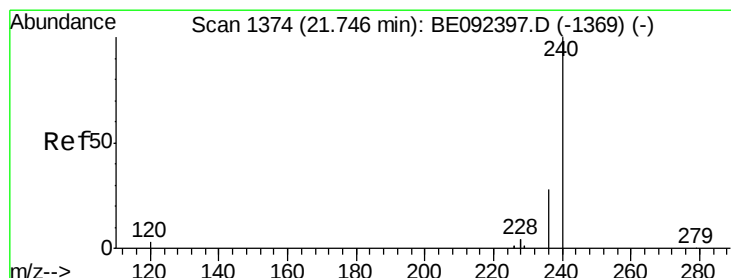
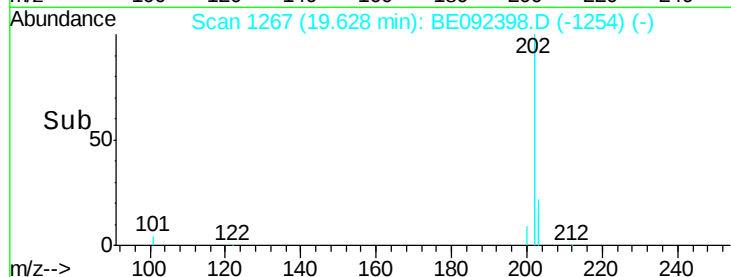
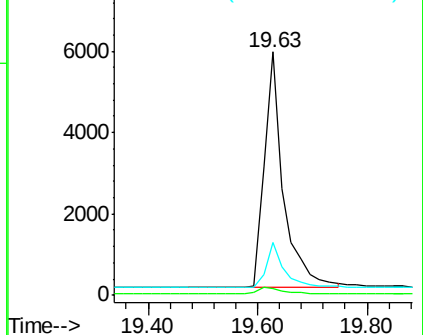
203 17.7 13.7 20.5



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# 1375

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

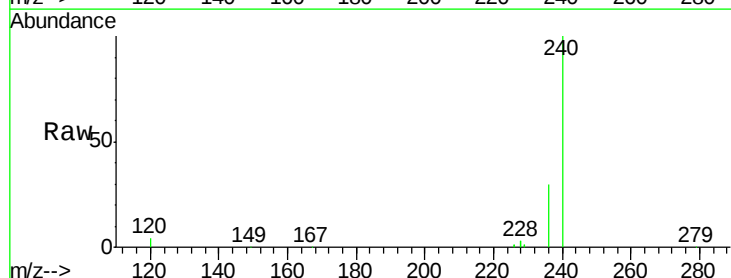
Tgt Ion:240 Resp: 88671

Ion Ratio Lower Upper

240 100

120 4.2 2.6 4.0#

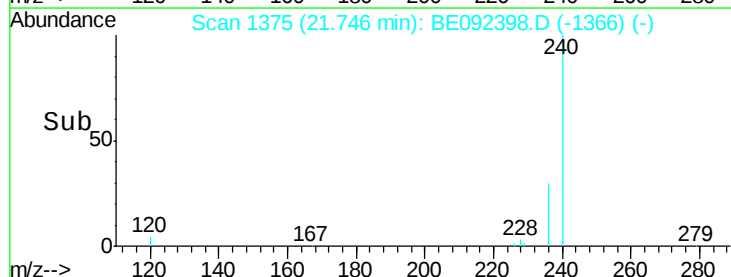
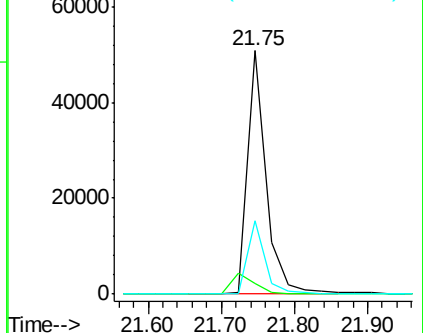
236 30.0 24.6 37.0



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

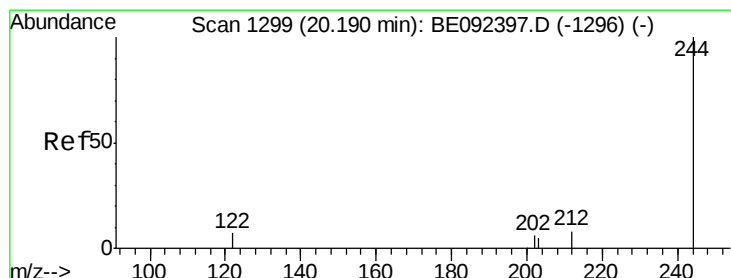
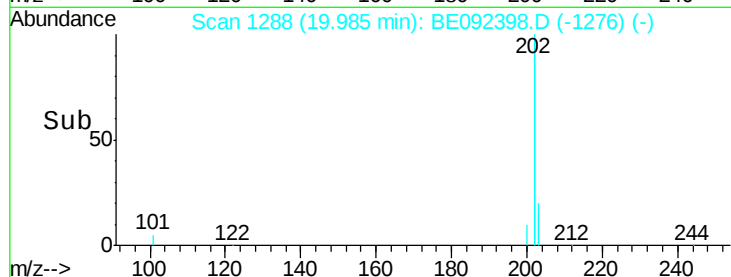
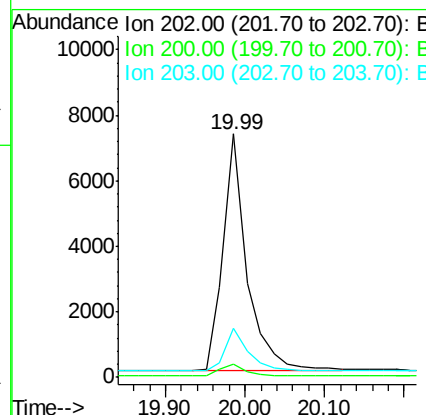
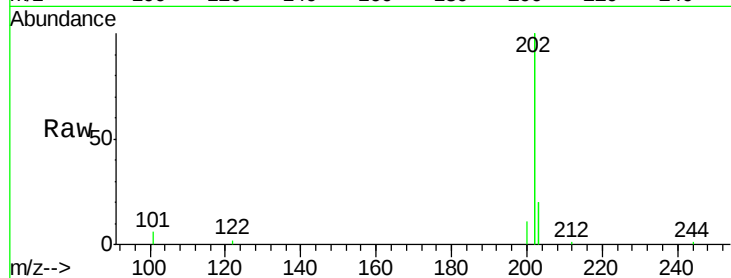




#25
Pvrene
Concen: 0.17 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

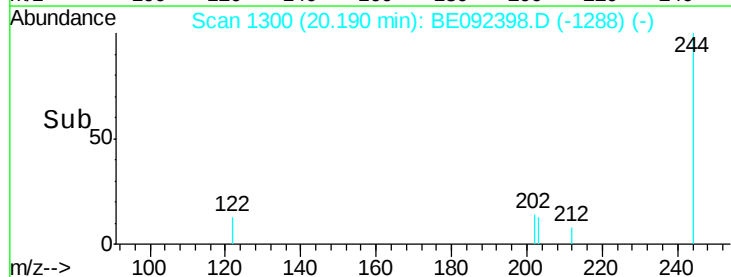
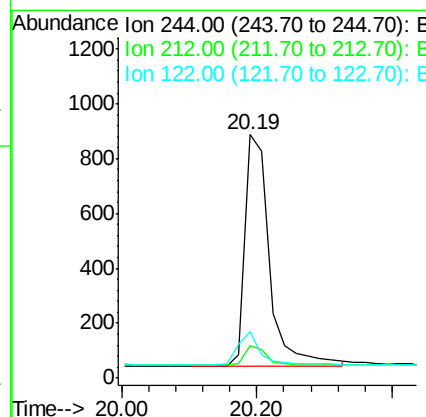
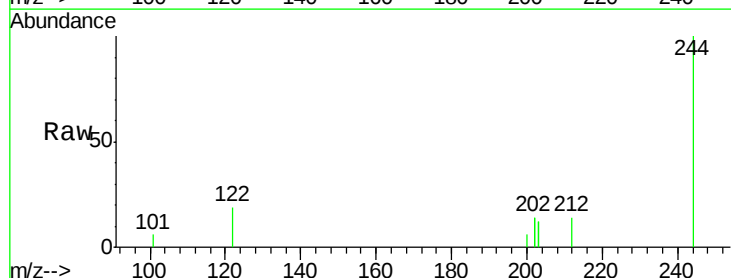
Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 14976
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.9 13.9 20.9



#26
Terphenyl-d14
Concen: 0.16 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:244 Resp: 2134
Ion Ratio Lower Upper
244 100
212 13.5 6.7 10.1#
122 19.0 3.6 5.4#

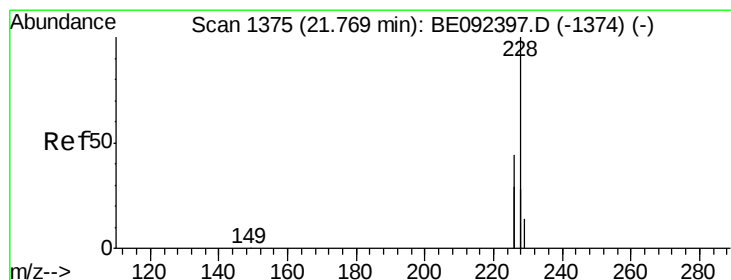
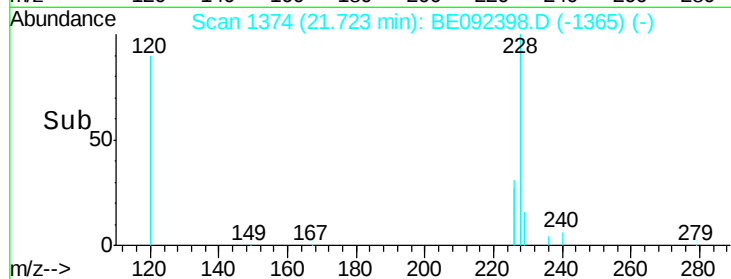
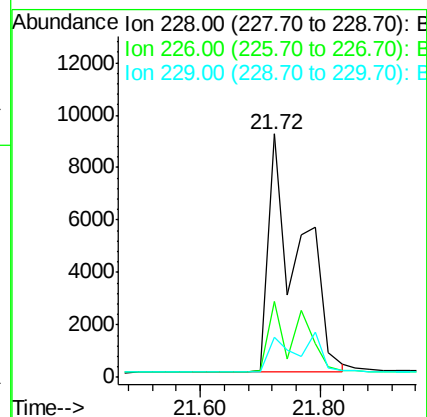
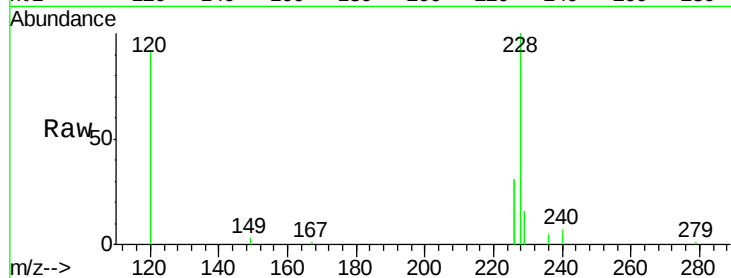




#27
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

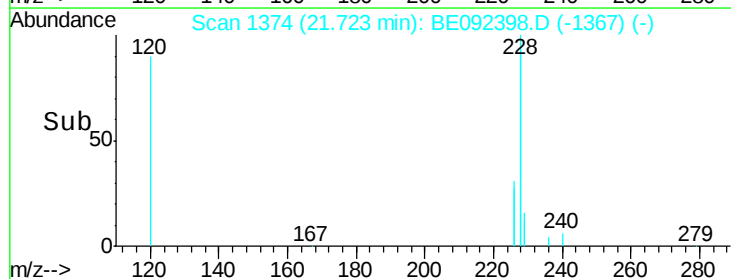
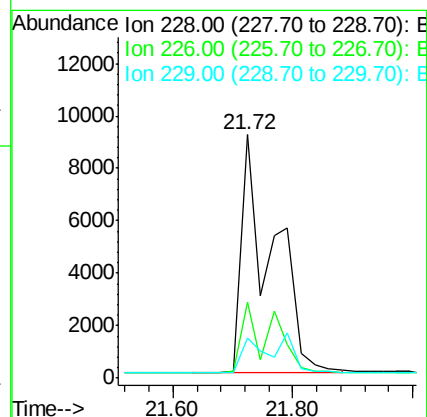
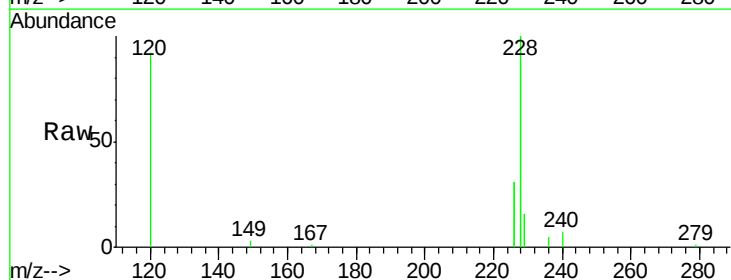
Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 32546
Ion Ratio Lower Upper
228 100
226 31.2 23.6 35.4
229 16.4 13.3 19.9



#28
Chrysene
Concen: 0.33 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:228 Resp: 32918
Ion Ratio Lower Upper
228 100
226 31.2 36.3 54.5#
229 16.4 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

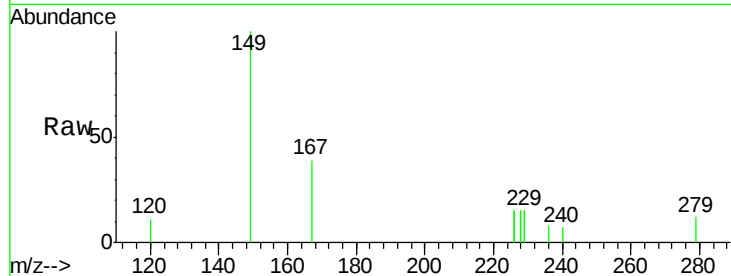
Tot Ion:149 Resp: 1335

Ion Ratio Lower Upper

149 100

167 29.6 16.0 24.0#

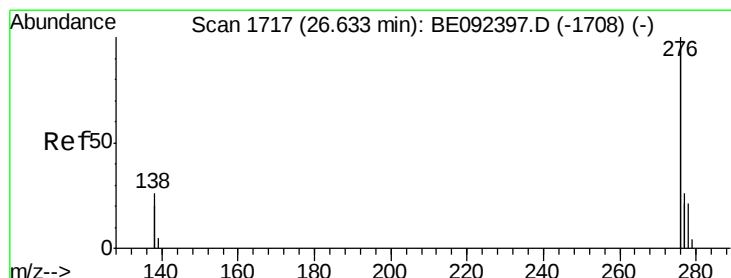
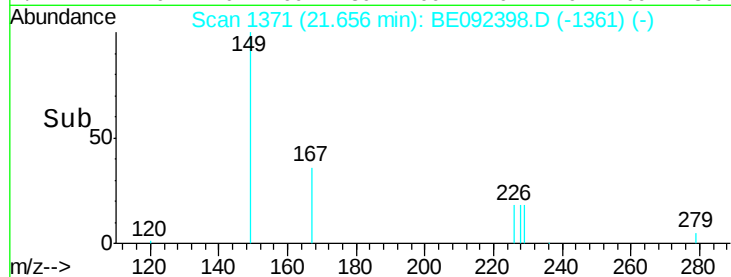
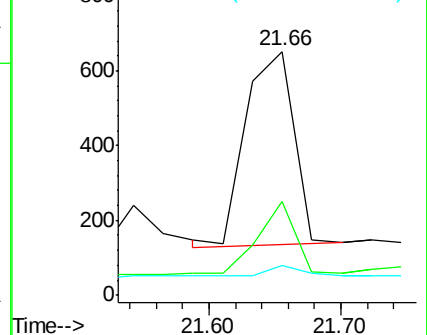
279 4.3 16.0 24.0#



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: 0.16 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

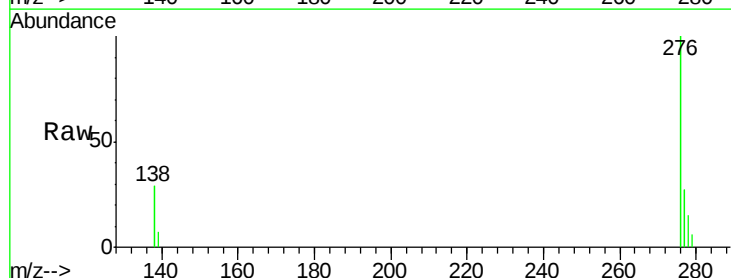
Tgt Ion:276 Resp: 16152

Ion Ratio Lower Upper

276 100

138 25.9 20.3 30.5

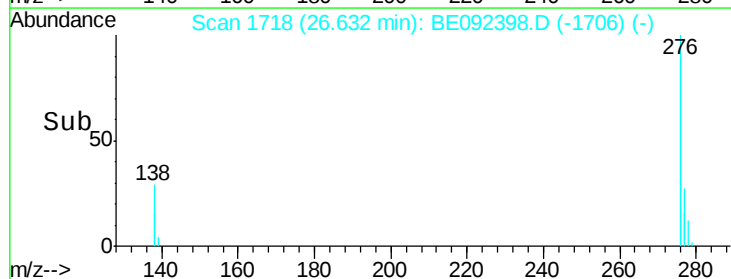
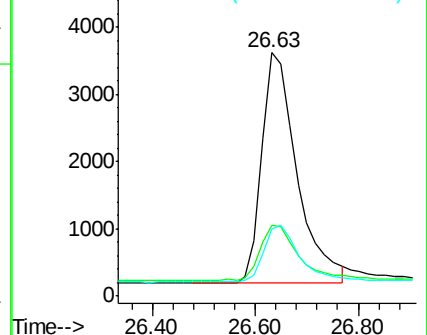
277 24.9 19.7 29.5

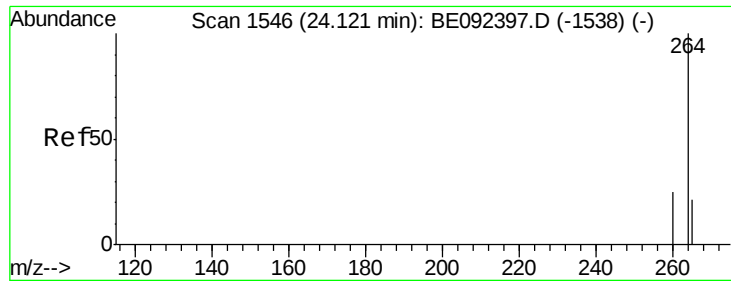


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

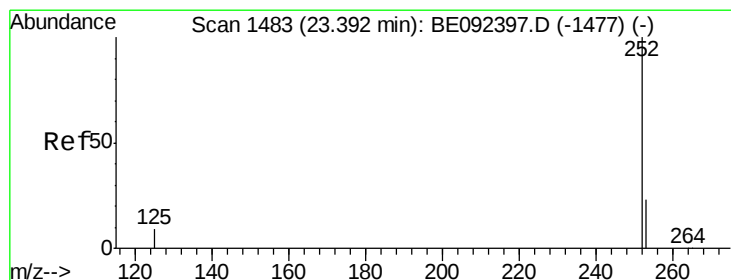
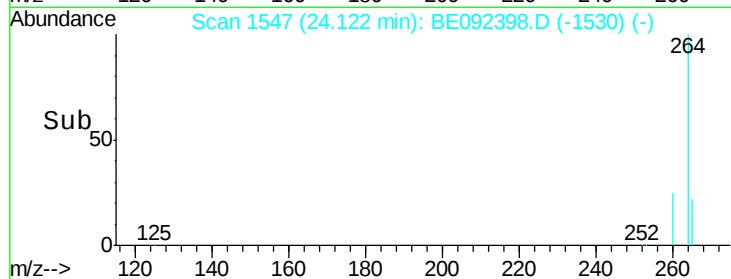
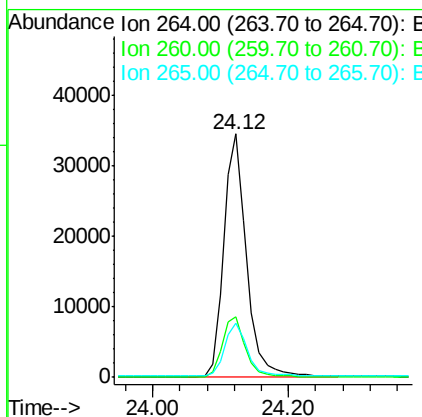
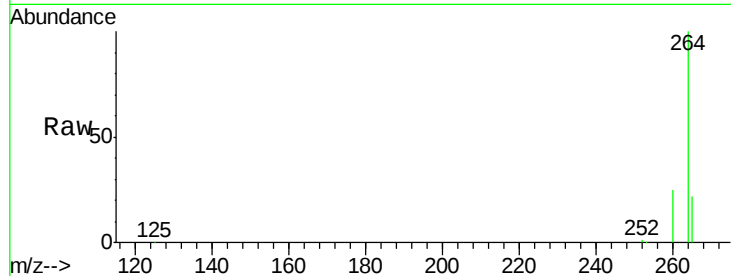




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

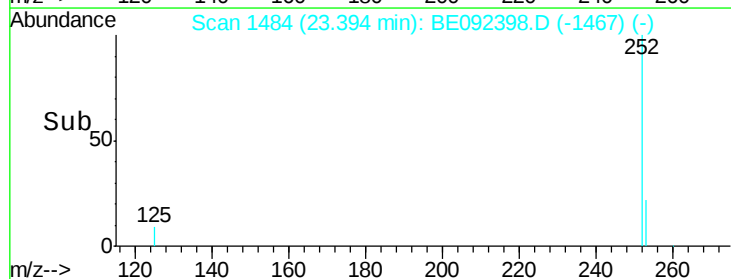
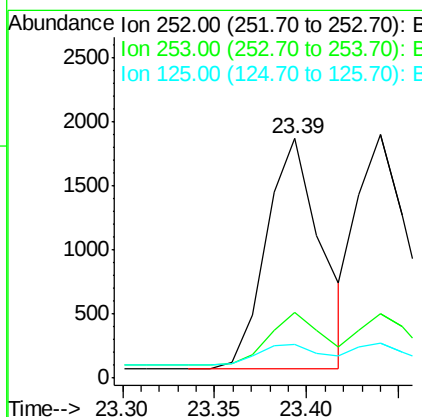
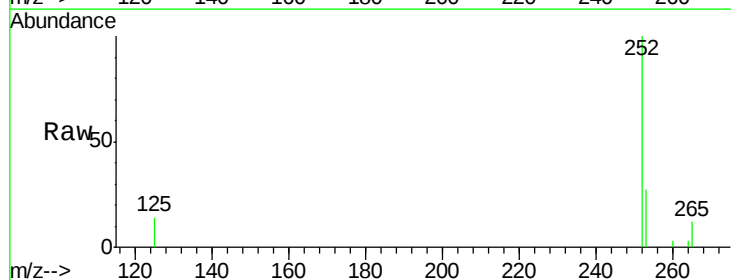
Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 81179
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 22.3 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:252 Resp: 3708
Ion Ratio Lower Upper
252 100
253 27.3 18.7 28.1
125 14.2 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.18 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

Instrument :

BNA_E

ClientSampleId :

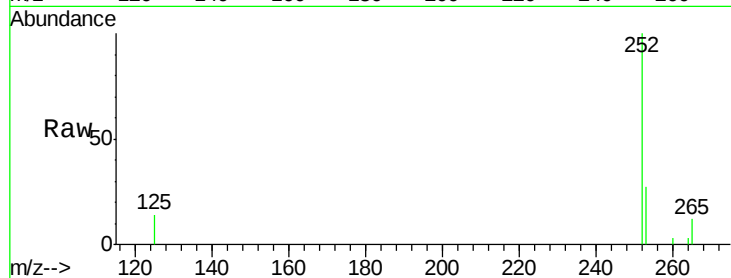
Tot Ion:252 Resp: 3888

Ion Ratio Lower Upper

252 100

253 26.5 20.3 30.5

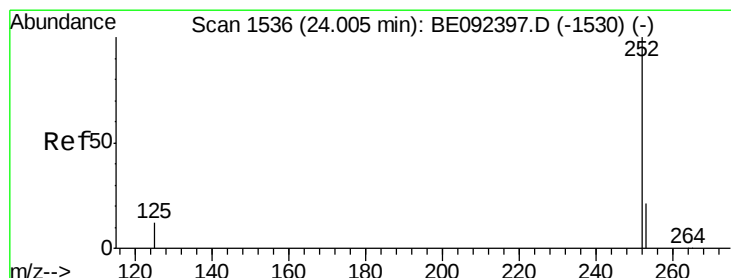
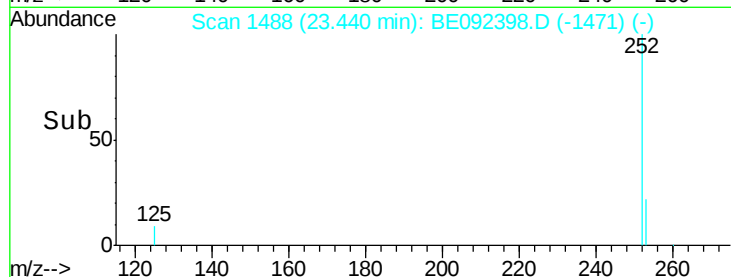
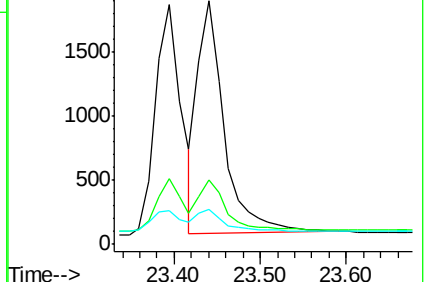
125 14.2 9.6 14.4



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: 0.18 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092398.D

Acq: 22 Sep 2016 16:38

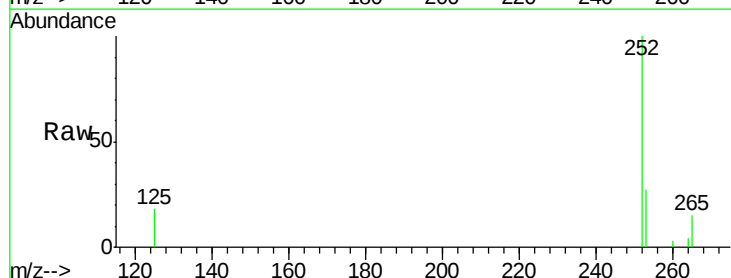
Tgt Ion:252 Resp: 3597

Ion Ratio Lower Upper

252 100

253 26.6 19.0 28.6

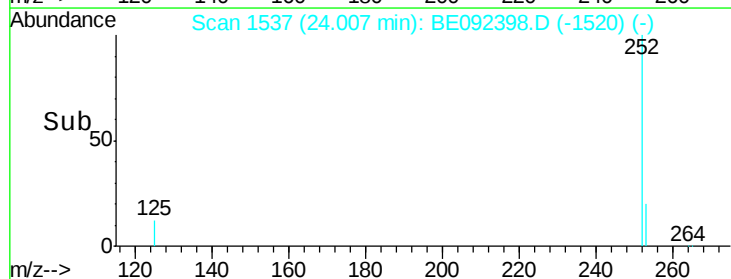
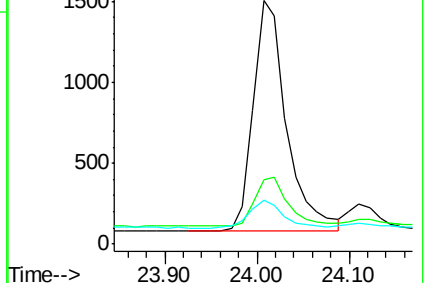
125 17.8 11.8 17.8#



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

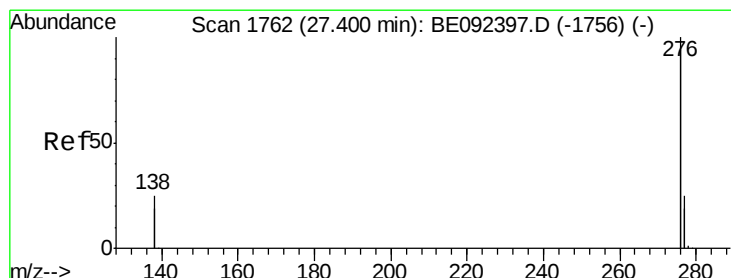
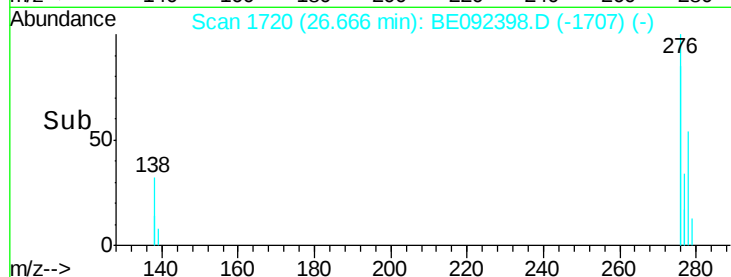
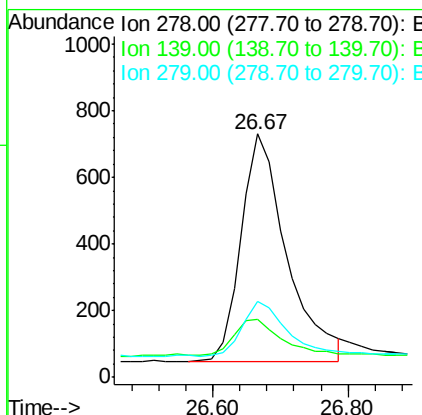
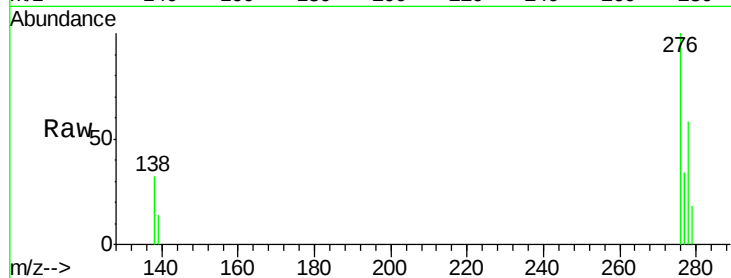




#35
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 26.67 min Scan# 1720
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3181
Ion Ratio Lower Upper
278 100
139 23.7 13.8 20.8#
279 31.1 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.42 min Scan# 1764
Delta R.T. 0.02 min
Lab File: BE092398.D
Acq: 22 Sep 2016 16:38

Tgt Ion:276 Resp: 14434
Ion Ratio Lower Upper
276 100
277 28.1 19.8 29.8
138 27.1 19.8 29.6

