

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
 Data File : BE092333.D
 Acq On : 1 Sep 2016 17:47
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE090116

Quant Time: Sep 02 03:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 03:16:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	7468	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	36492	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	21920	5.00	ng	-0.02
18) Phenanthrene-d10	17.58	188	54870	5.00	ng	0.00
24) Chrysene-d12	21.75	240	80660	5.00	ng	0.00
31) Perylene-d12	24.12	264	76251	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.69	112	770	0.45	ng	0.00
5) Phenol-d6	7.36	99	925	0.41	ng	0.00
8) Nitrobenzene-d5	9.36	82	875	0.36	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	300	0.48	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	2746	0.40	ng	0.00
26) Terphenyl-d14	20.19	244	4309	0.40	ng	0.00

Target Compounds

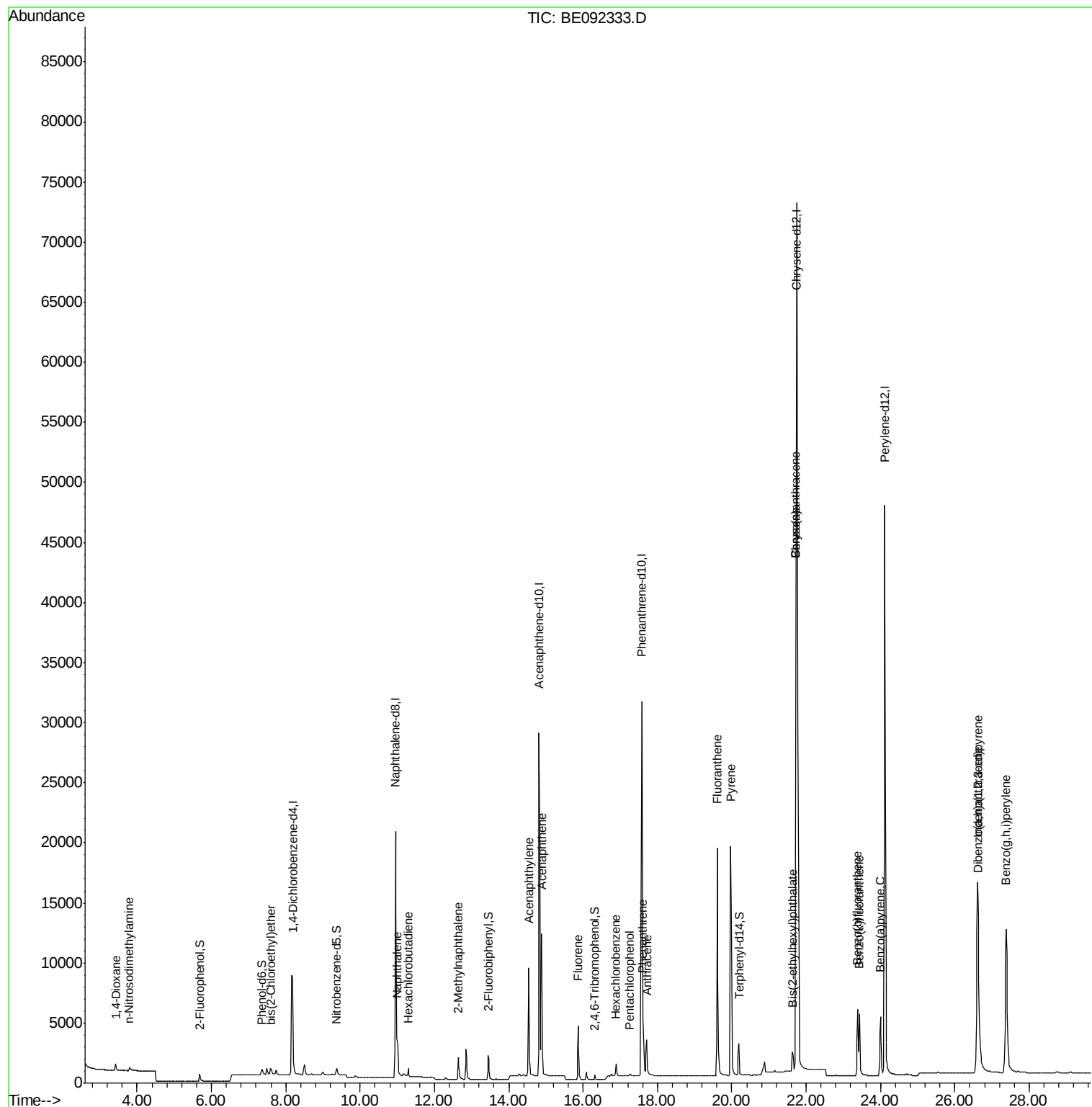
						Qvalue
2) 1,4-Dioxane	3.42	88	478	0.45	ng	99
3) n-Nitrosodimethylamine	3.79	42	427	0.38	ng	# 99
6) bis(2-Chloroethyl)ether	7.61	93	767	0.43	ng	# 5
9) Naphthalene	11.01	128	3421	0.42	ng	100
10) Hexachlorobutadiene	11.30	225	563	0.46	ng	100
11) 2-Methylnaphthalene	12.65	142	2190	0.44	ng	92
15) Acenaphthylene	14.54	152	16054	0.43	ng	100
16) Acenaphthene	14.88	154	2631	0.43	ng	99
17) Fluorene	15.87	166	3325	0.45	ng	100
19) Hexachlorobenzene	16.89	284	1034	0.46	ng	# 66
20) Pentachlorophenol	17.26	266	234	0.41	ng	97
21) Phenanthrene	17.60	178	5629	0.43	ng	# 100
22) Anthracene	17.72	178	5246	0.44	ng	100
23) Fluoranthene	19.61	202	27629	0.47	ng	100
25) Pyrene	19.97	202	29446	0.40	ng	100
27) Benzo(a)anthracene	21.72	228	70107	0.82	ng	98
28) Chrysene	21.72	228	70664	0.94	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.63	149	3104	0.54	ng	# 100
30) Indeno(1,2,3-cd)pyrene	26.62	276	37080	0.47	ng	100
32) Benzo(b)fluoranthene	23.38	252	8095	0.45	ng	100
33) Benzo(k)fluoranthene	23.43	252	8919	0.43	ng	96
34) Benzo(a)pyrene	24.01	252	8109	0.44	ng	99
35) Dibenzo(a,h)anthracene	26.63	278	7531	0.46	ng	96
36) Benzo(g,h,i)perylene	27.38	276	31784	0.44	ng	99

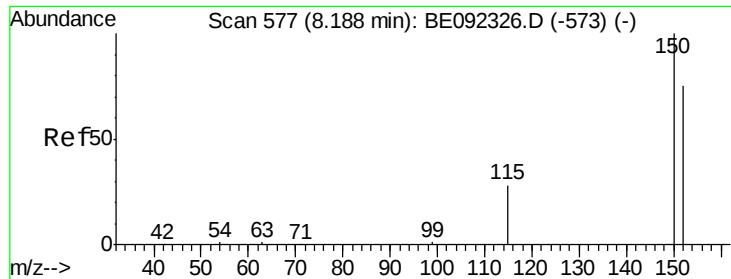
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

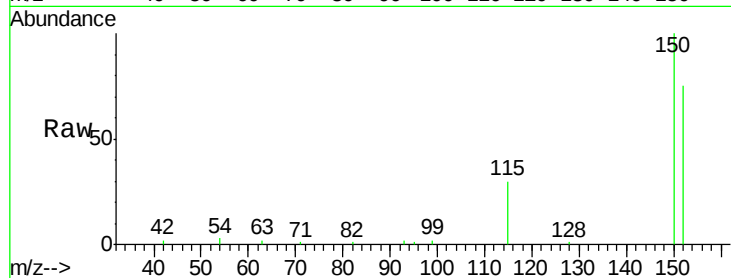
Tgt Ion:152 Resp: 7468

Ion Ratio Lower Upper

152 100

150 133.3 106.0 159.0

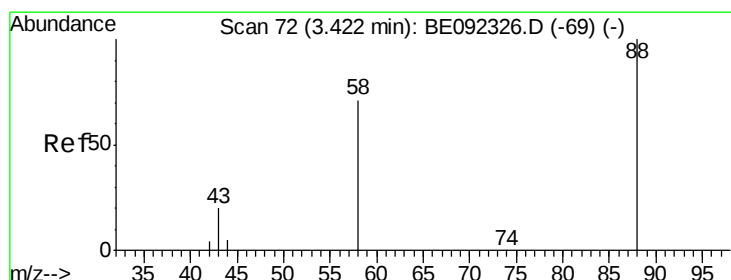
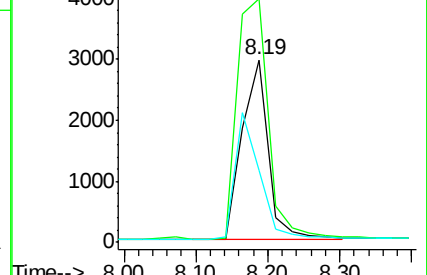
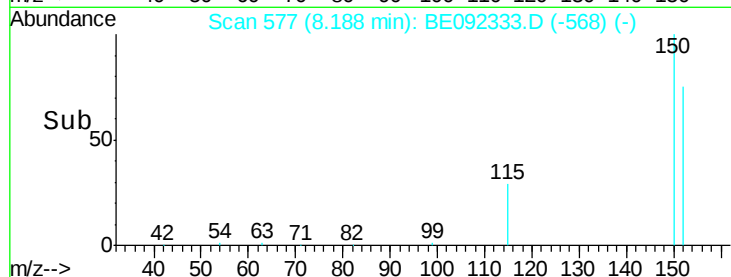
115 39.7 31.2 46.8



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: 0.45 ng

RT: 3.42 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

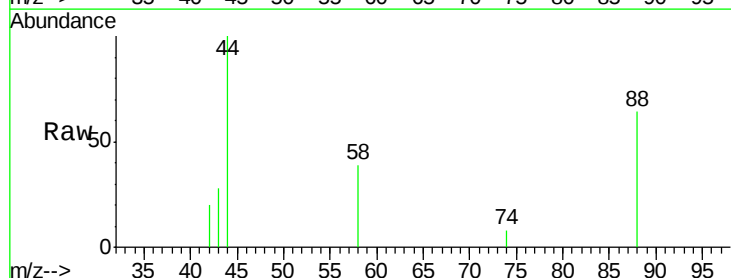
Tgt Ion: 88 Resp: 478

Ion Ratio Lower Upper

88 100

58 78.5 63.6 95.4

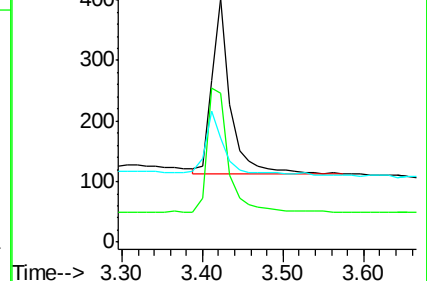
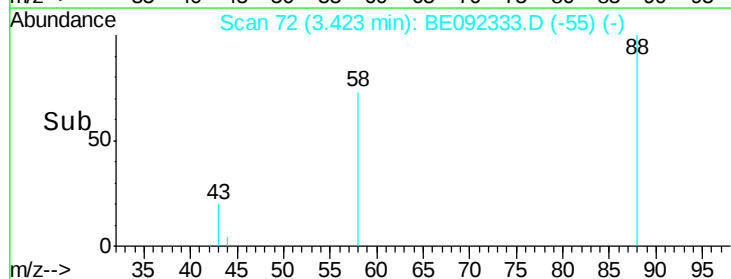
43 36.2 28.0 42.0

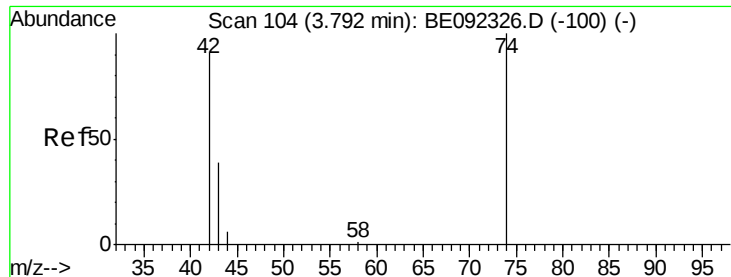


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.79 min Scan# 104

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

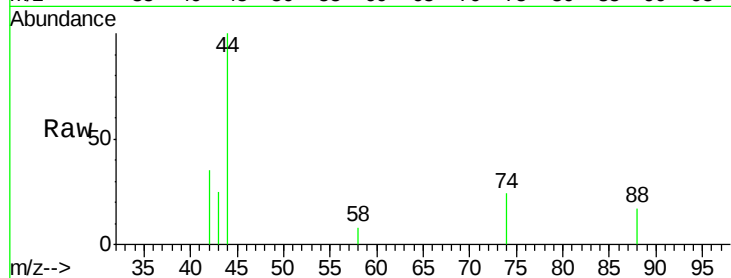
Tgt Ion: 42 Resp: 427

Ion Ratio Lower Upper

42 100

74 107.5 86.0 129.0

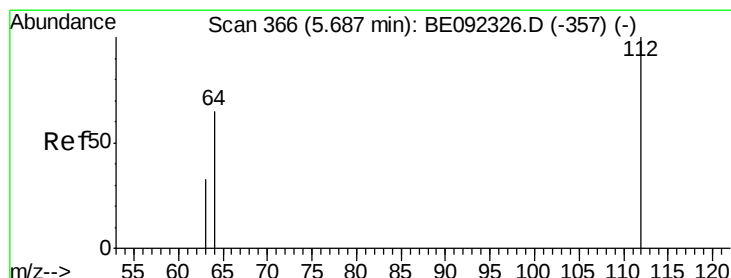
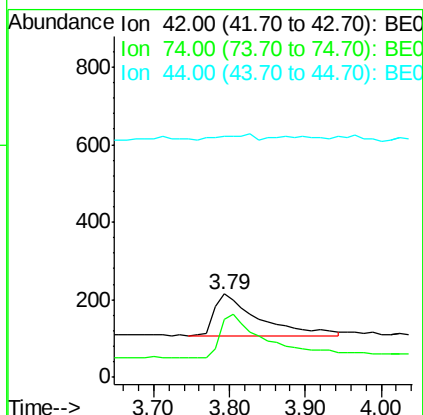
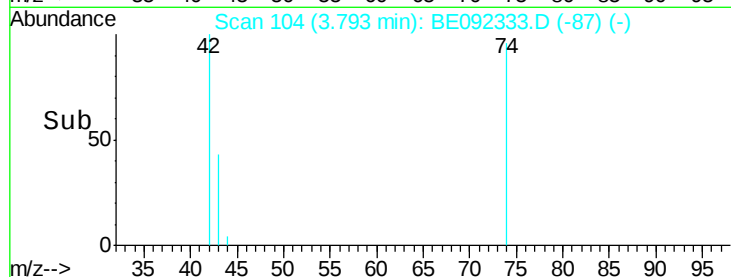
44 0.0 5.1 7.7#



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: 0.45 ng

RT: 5.69 min Scan# 366

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

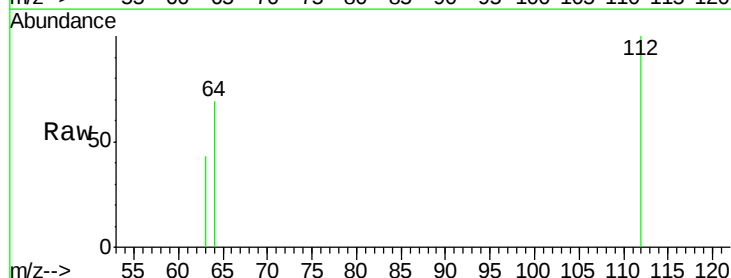
Tgt Ion: 112 Resp: 770

Ion Ratio Lower Upper

112 100

64 67.8 53.5 80.3

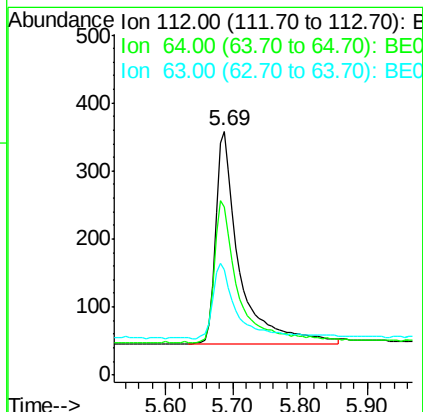
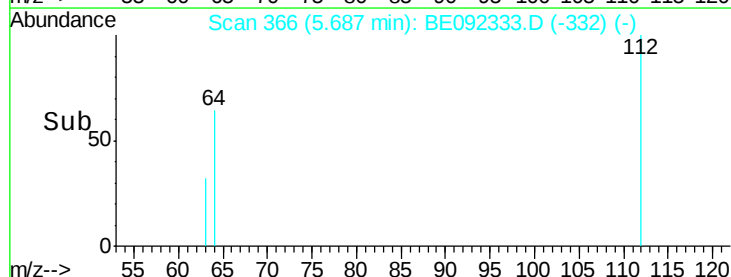
63 35.8 27.9 41.9

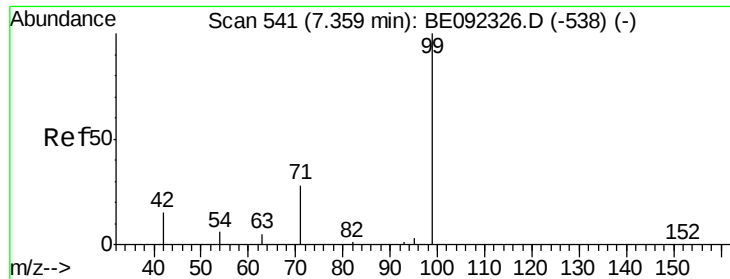


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.41 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

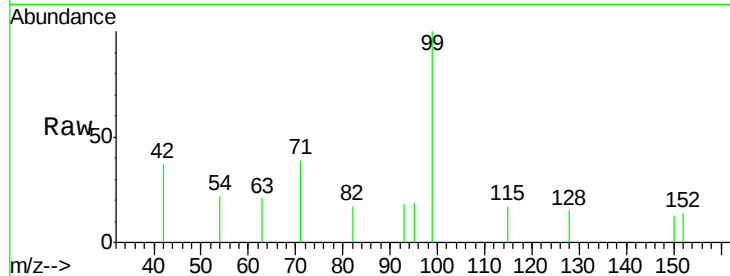
Tgt Ion: 99 Resp: 925

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

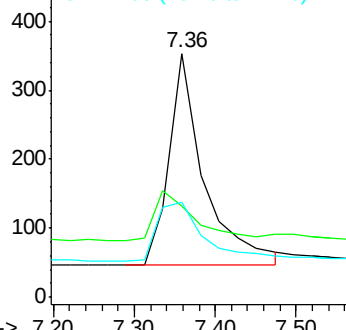
71 37.8 30.6 45.8



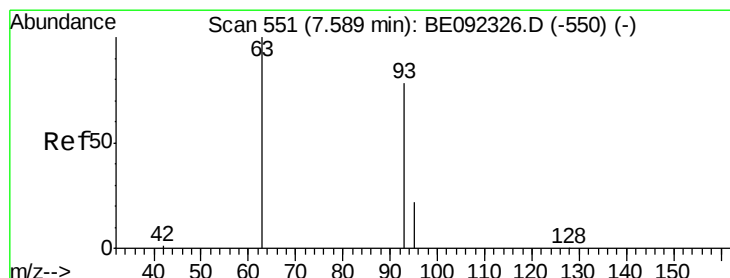
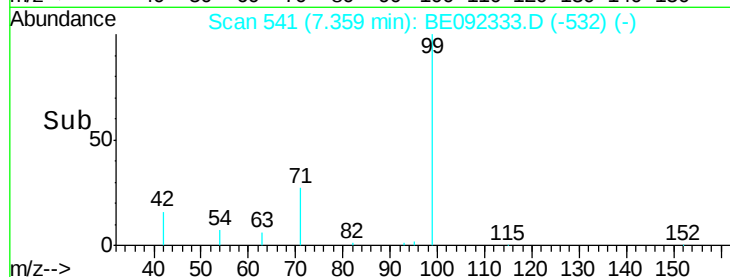
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.20 7.30 7.40 7.50



#6

bis(2-Chloroethyl)ether

Concen: 0.43 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.02 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

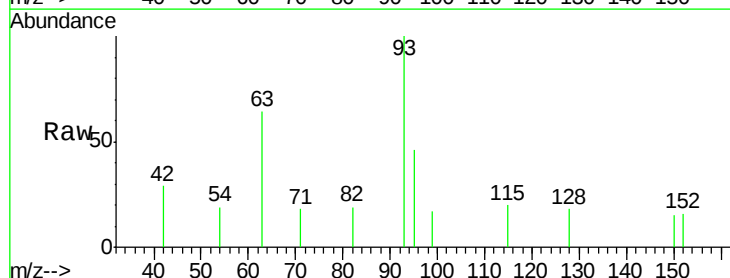
Tgt Ion: 93 Resp: 767

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

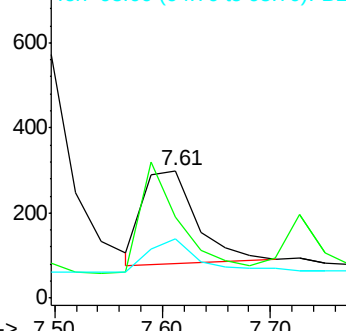
95 34.4 0.0 0.0#



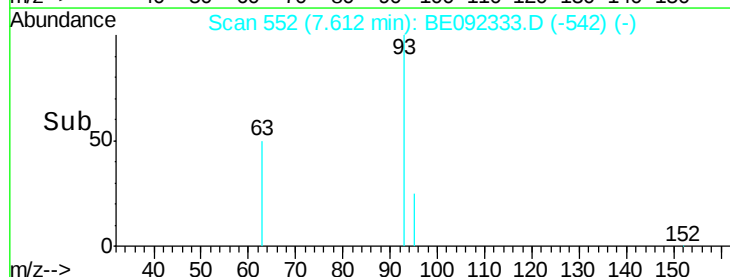
Abundance Ion 93.00 (92.70 to 93.70): BE0

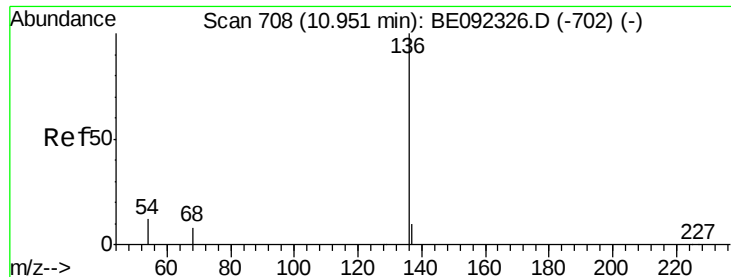
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.50 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: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

Tgt Ion:136 Resp: 36492

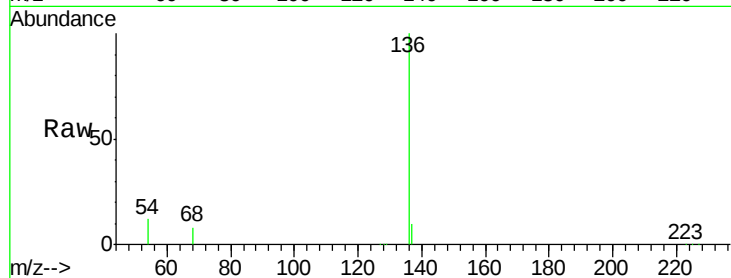
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 12.0 9.6 14.4

68 8.4 6.7 10.1

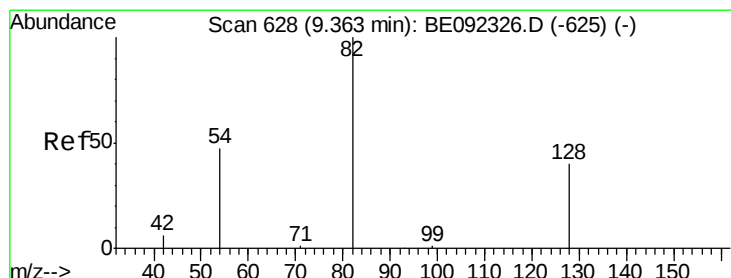
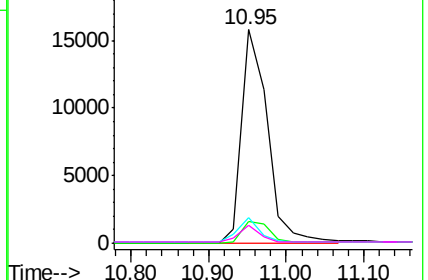
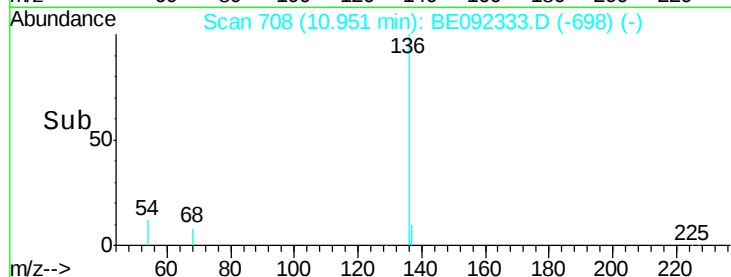


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.36 ng

RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

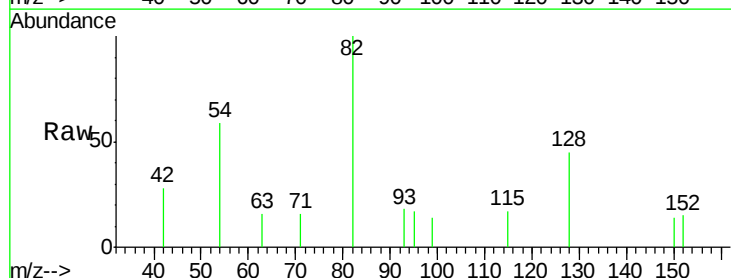
Tgt Ion: 82 Resp: 875

Ion Ratio Lower Upper

82 100

128 45.4 39.0 58.4

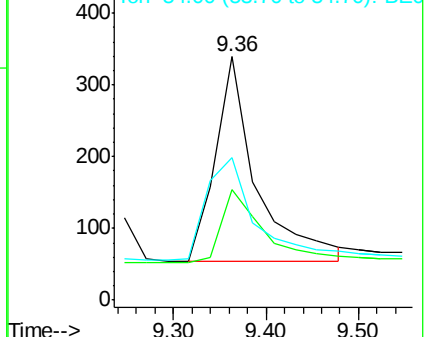
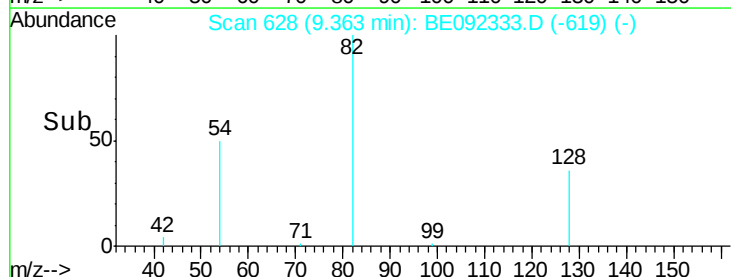
54 58.7 44.8 67.2

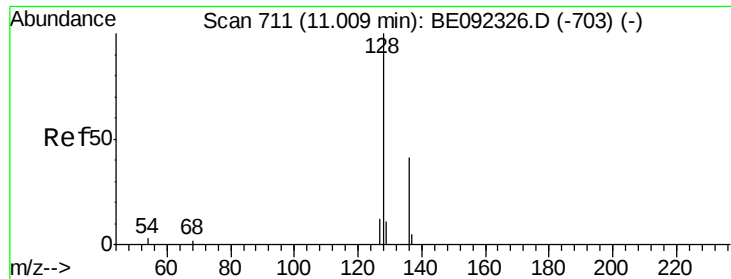


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.42 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

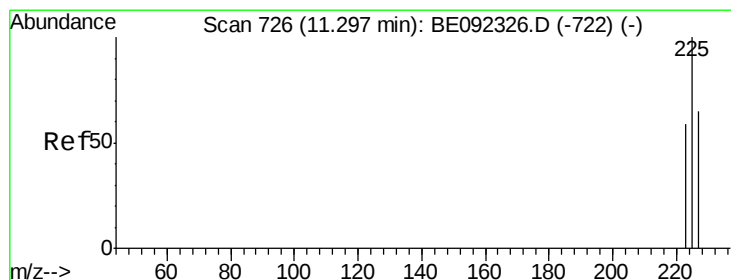
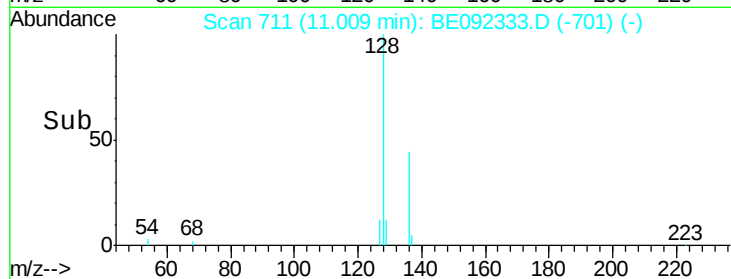
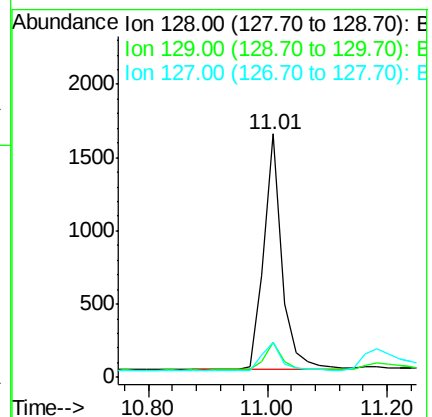
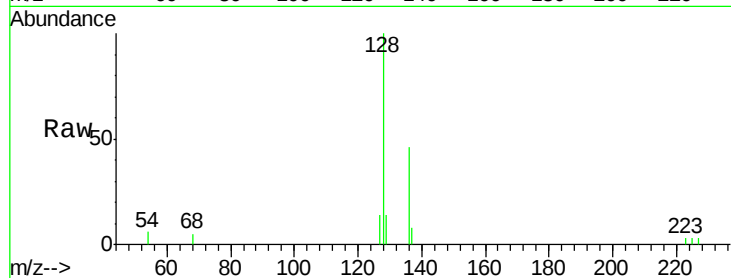
Tgt Ion:128 Resp: 3421

Ion Ratio Lower Upper

128 100

129 14.2 11.2 16.8

127 14.4 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.46 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

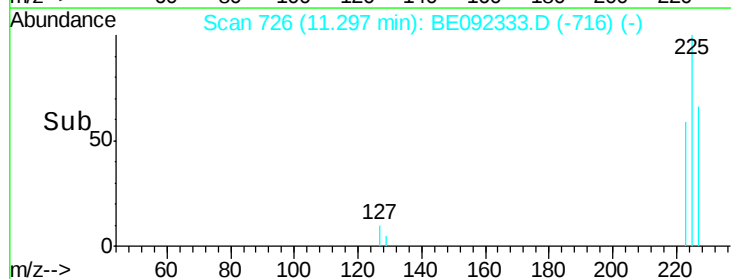
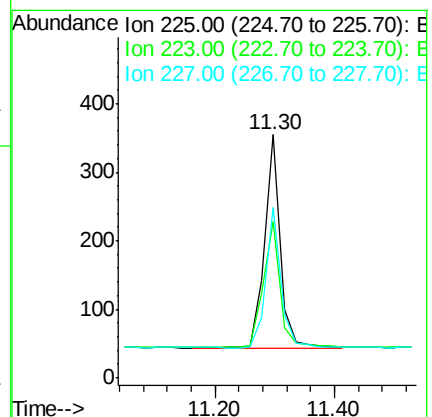
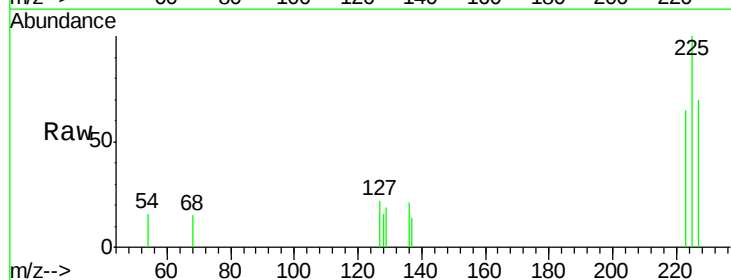
Tgt Ion:225 Resp: 563

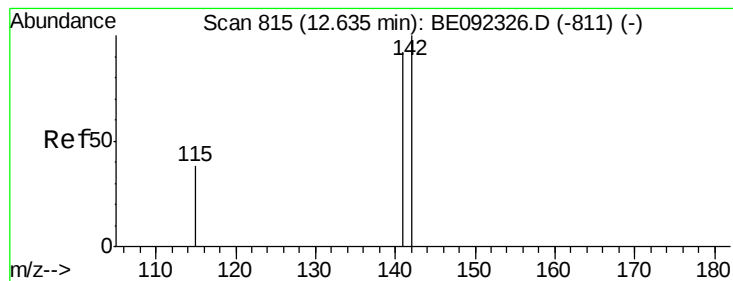
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 63.9 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.44 ng

RT: 12.65 min Scan# 816

Delta R.T. 0.01 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

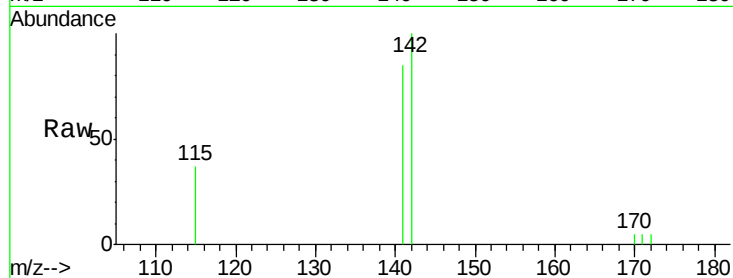
Tgt Ion:142 Resp: 2190

Ion Ratio Lower Upper

142 100

141 84.8 73.7 110.5

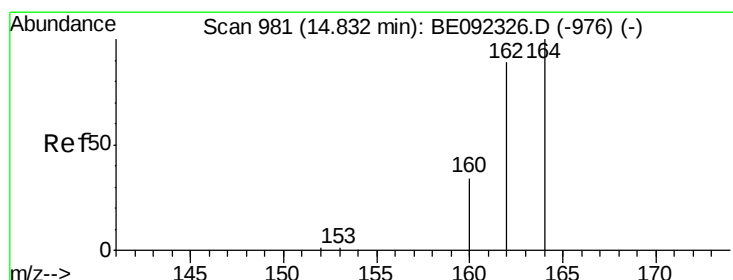
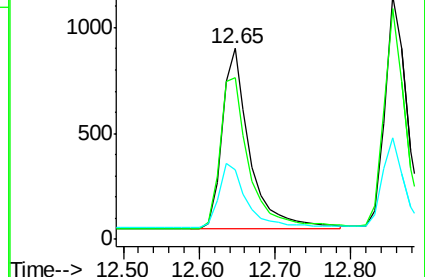
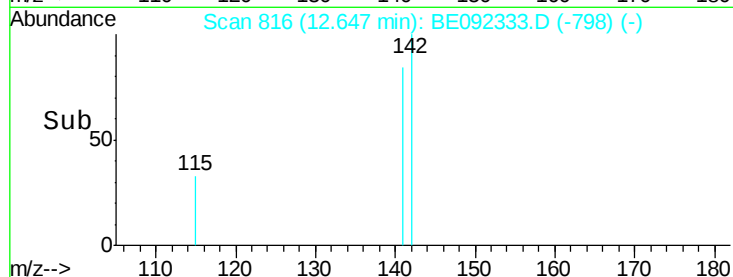
115 36.8 34.0 51.0



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: 14.82 min Scan# 980

Delta R.T. -0.02 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

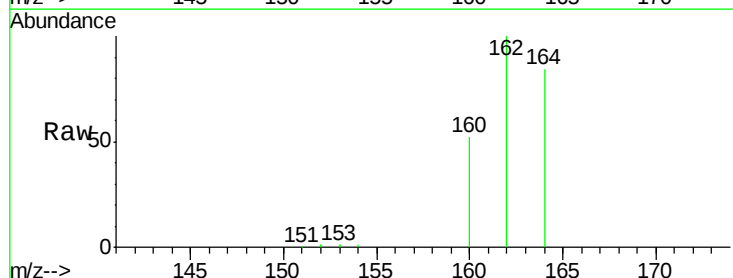
Tgt Ion:164 Resp: 21920

Ion Ratio Lower Upper

164 100

162 118.7 71.4 107.0#

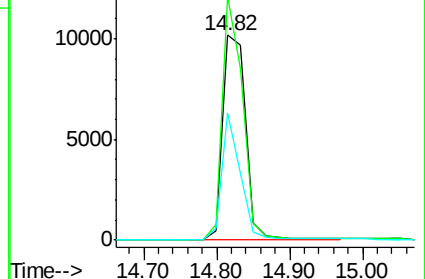
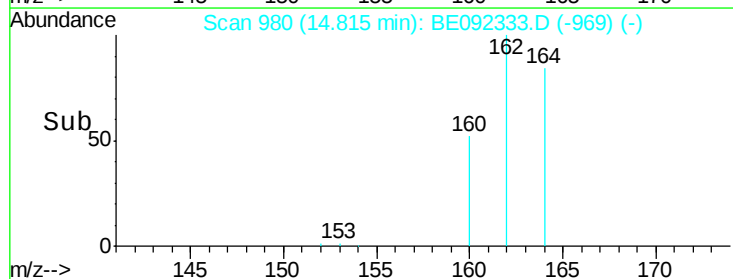
160 61.8 27.4 41.2#

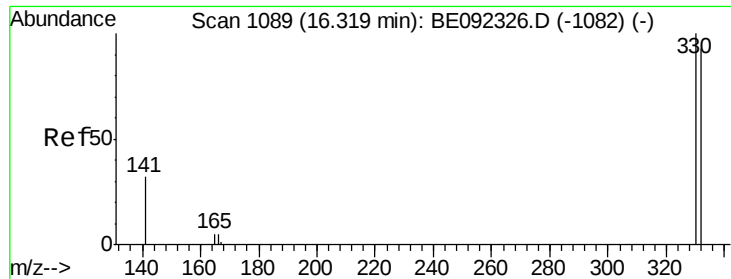


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

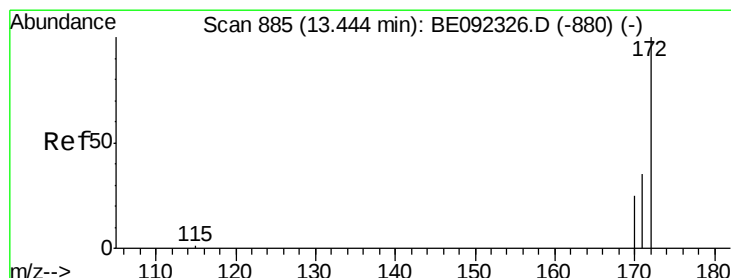
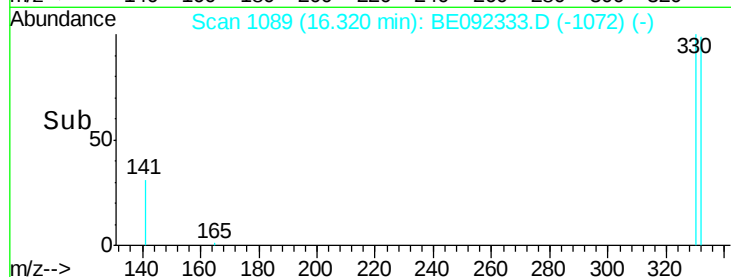
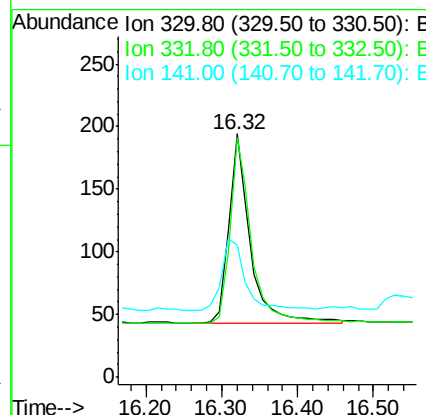
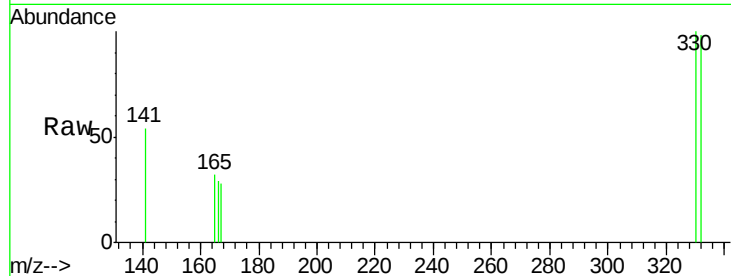




#13
 2,4,6-Tribromophenol
 Concen: 0.48 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092333.D
 Acq: 1 Sep 2016 17:47

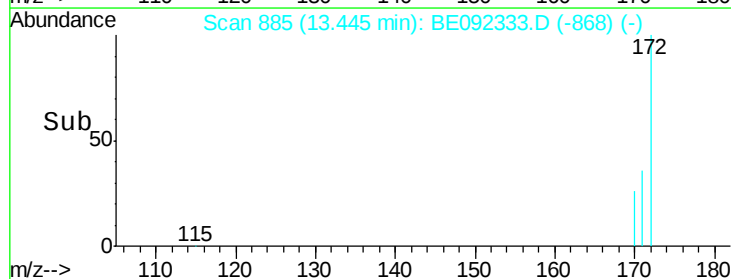
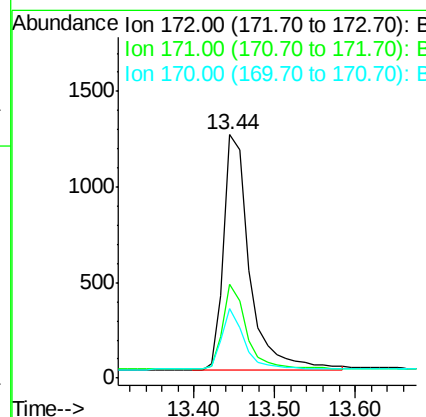
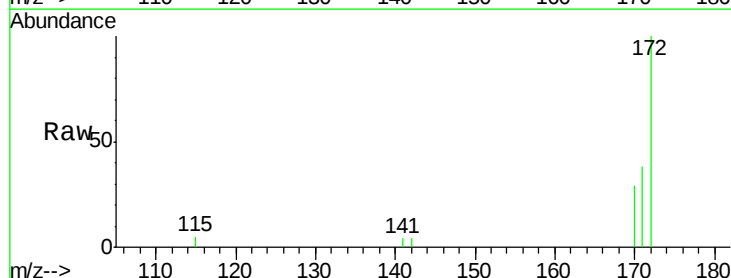
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE090116

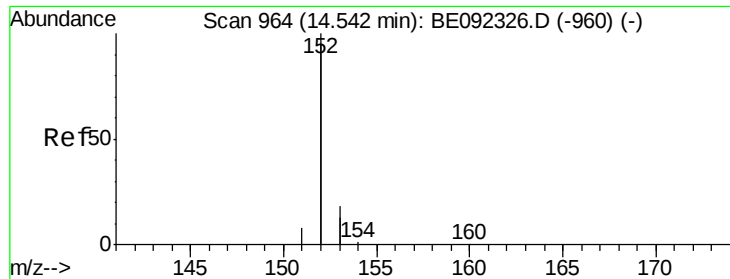
Tgt Ion: 330 Resp: 300
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.0
 141 42.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.44 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092333.D
 Acq: 1 Sep 2016 17:47

Tgt Ion: 172 Resp: 2746
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.1 45.1
 170 28.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.43 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

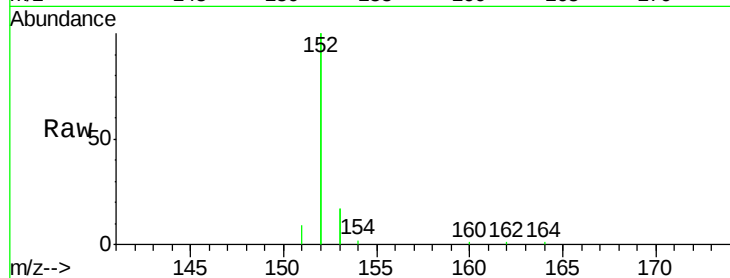
Tgt Ion:152 Resp: 16054

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

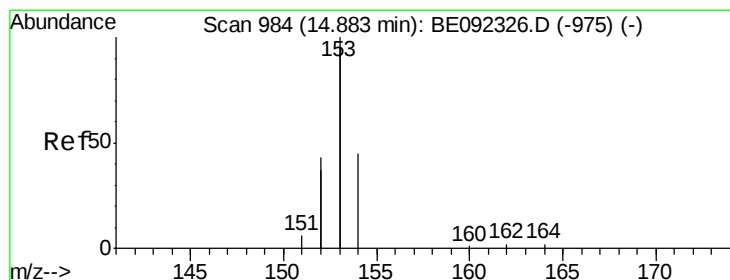
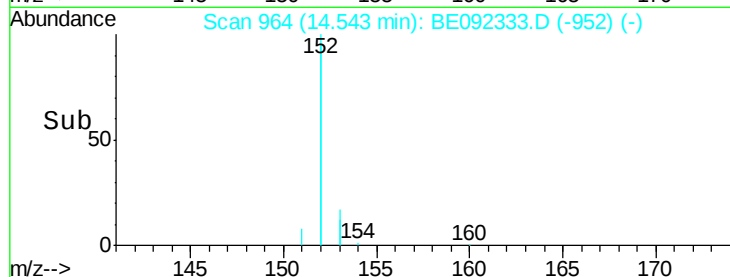
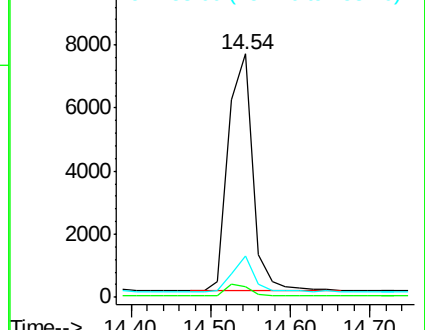
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.43 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

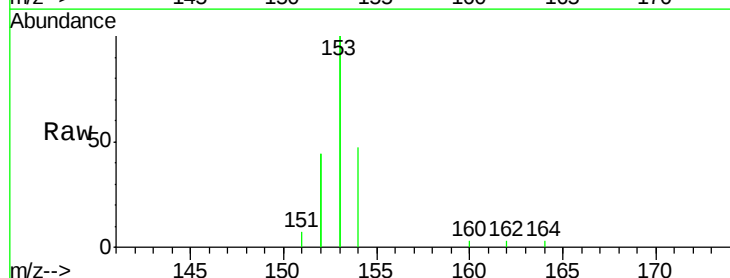
Tgt Ion:154 Resp: 2631

Ion Ratio Lower Upper

154 100

153 439.6 350.8 526.2

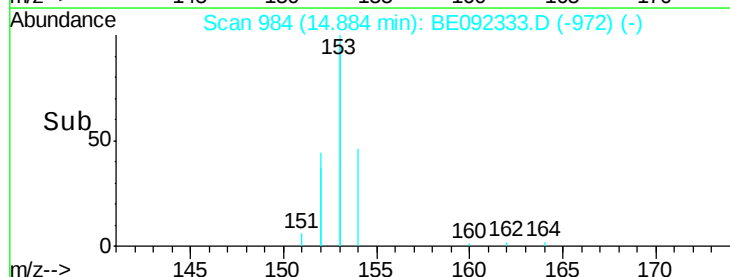
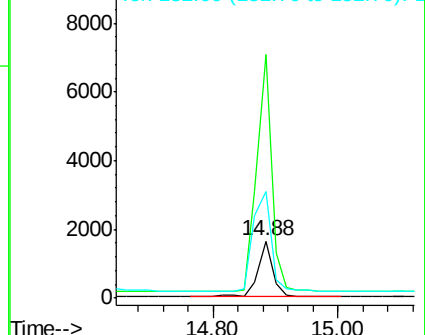
152 216.7 171.1 256.7

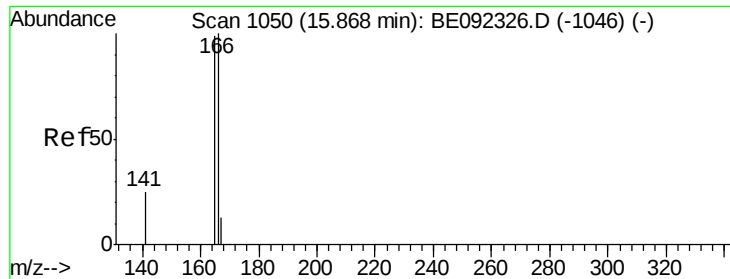


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.45 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

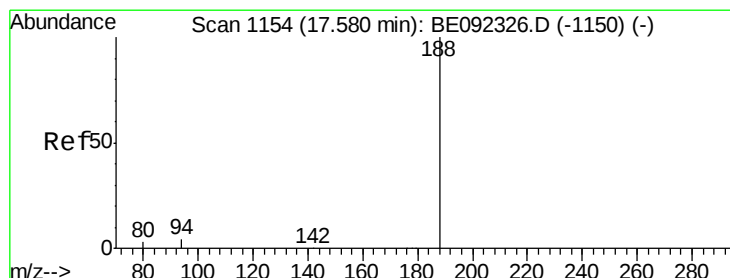
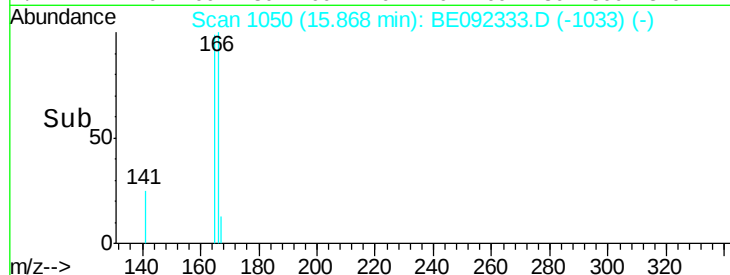
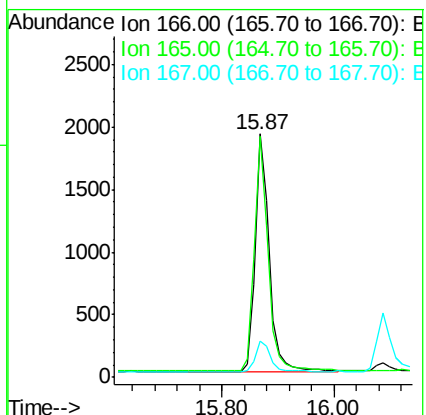
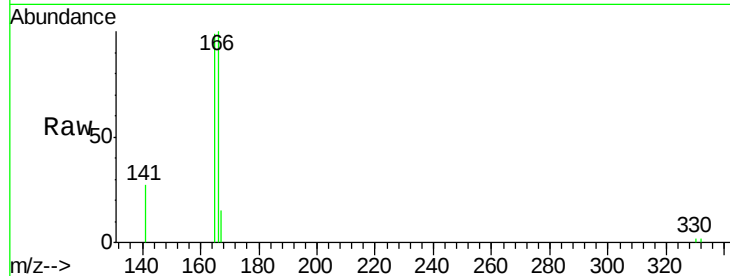
Tgt Ion:166 Resp: 3325

Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.4

167 13.4 11.0 16.4



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

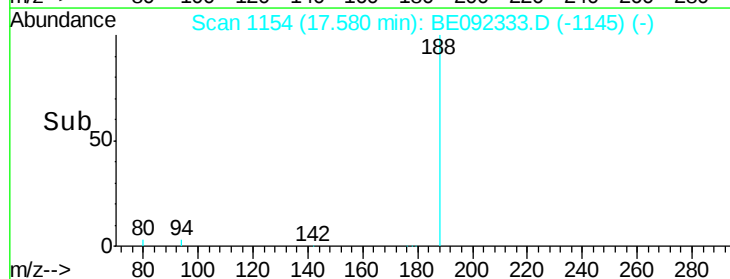
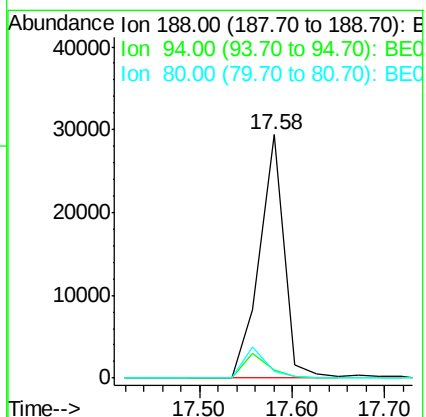
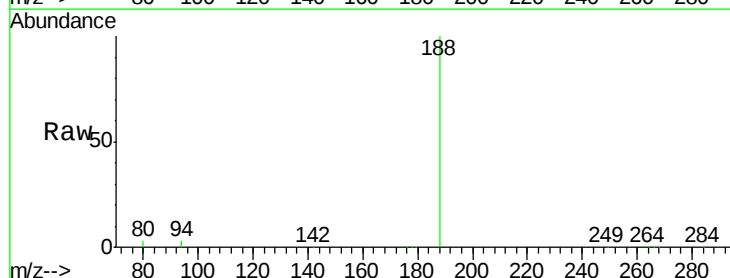
Tgt Ion:188 Resp: 54870

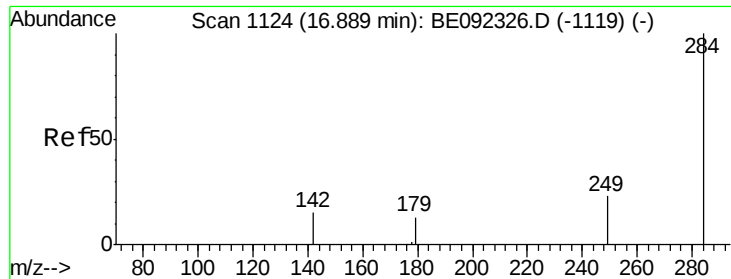
Ion Ratio Lower Upper

188 100

94 3.4 3.2 4.8

80 2.8 2.6 3.8

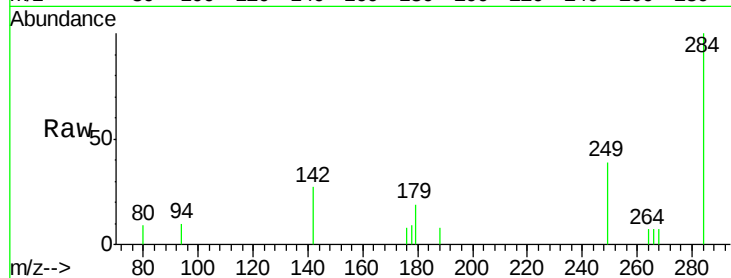




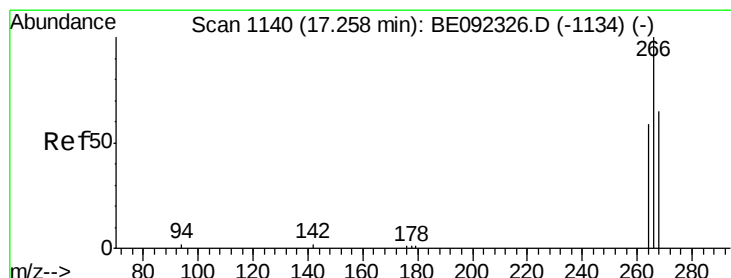
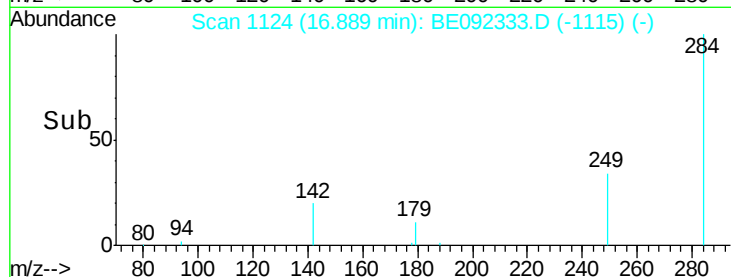
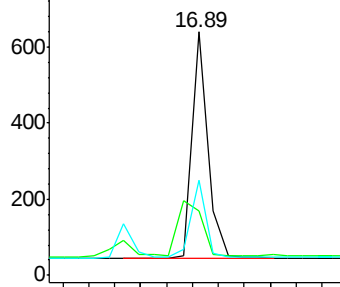
#19
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092333.D
Acq: 1 Sep 2016 17:47

Instrument :
BNA_E
ClientSampleId :
ICVBE090116

Tgt Ion: 284 Resp: 1034
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 31.5 27.9 41.9

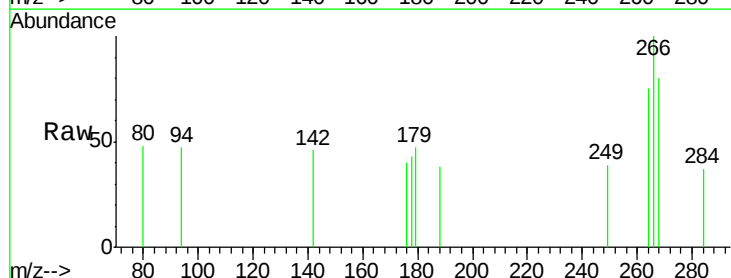


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

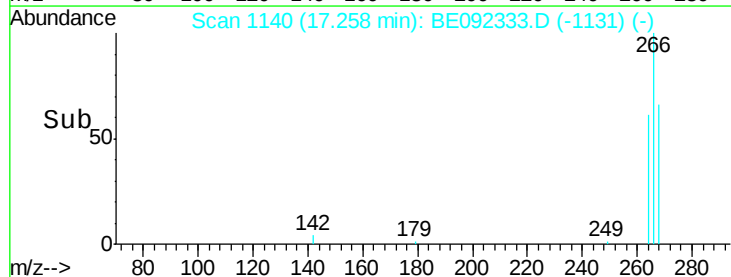
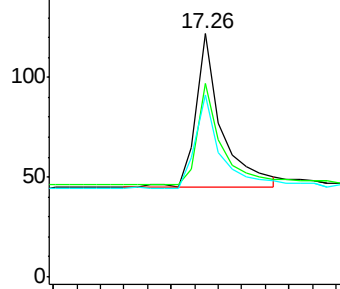


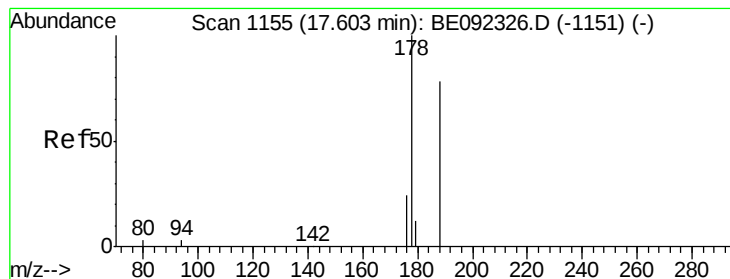
#20
Pentachlorophenol
Concen: 0.41 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092333.D
Acq: 1 Sep 2016 17:47

Tgt Ion: 266 Resp: 234
Ion Ratio Lower Upper
266 100
268 79.5 62.5 93.7
264 74.6 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: 0.43 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

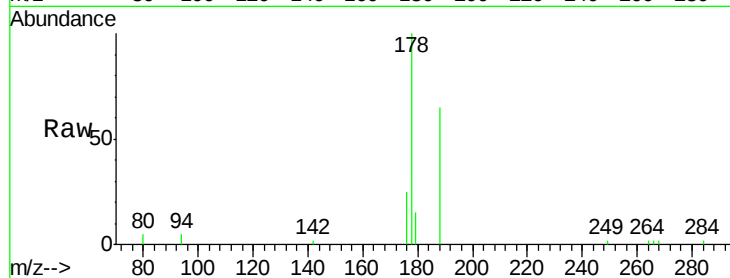
Tgt Ion:178 Resp: 5629

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

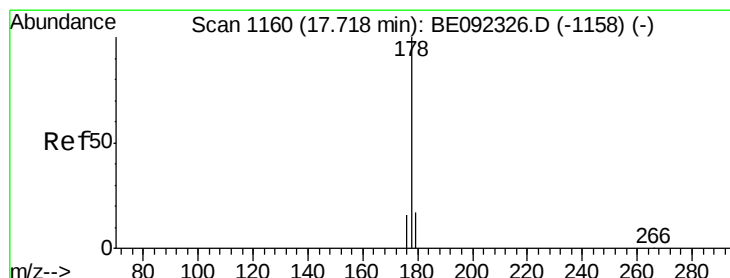
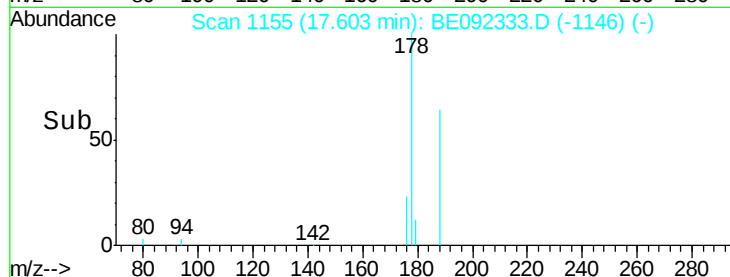
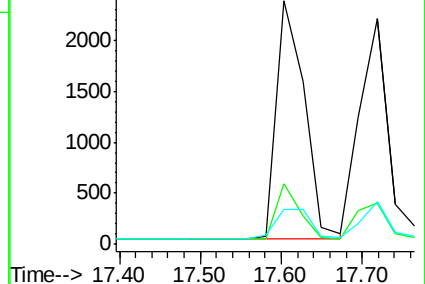
179 15.6 0.0 0.0#



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: 0.44 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

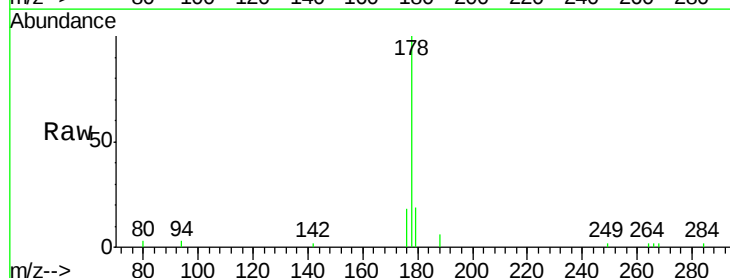
Tgt Ion:178 Resp: 5246

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

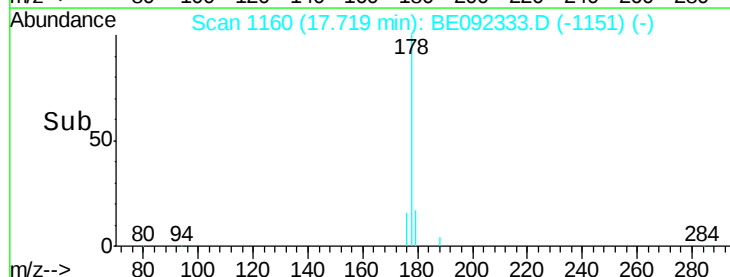
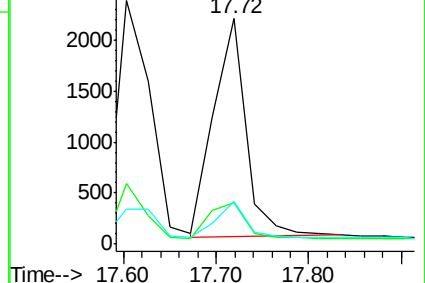
179 15.1 12.2 18.2

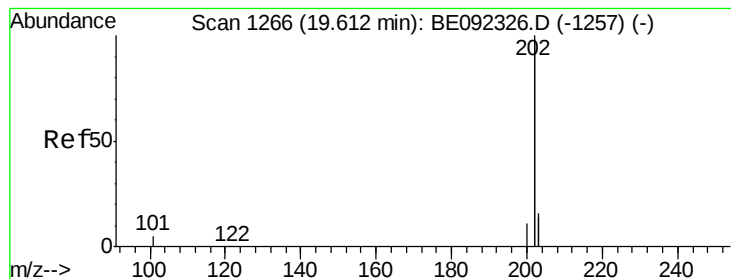


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.47 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

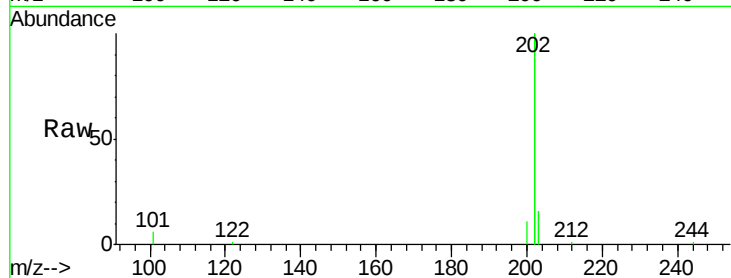
Tgt Ion:202 Resp: 27629

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

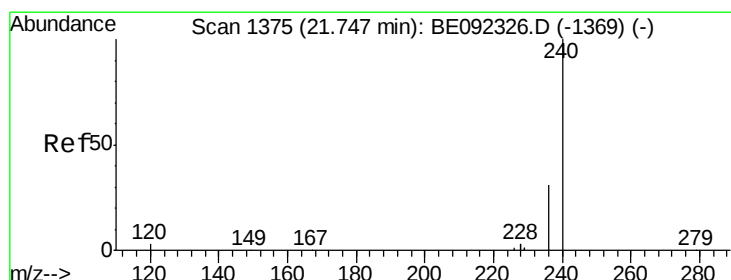
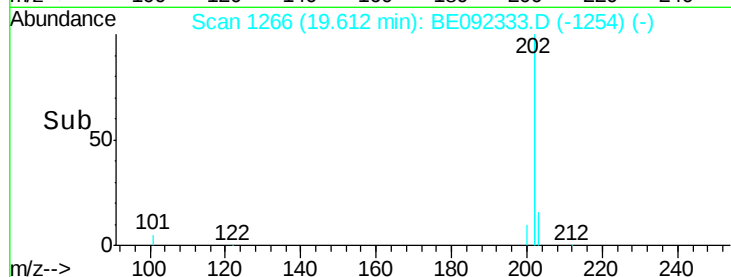
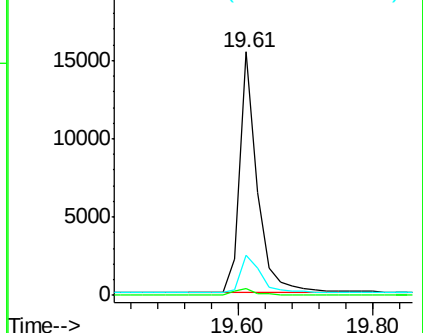
203 17.3 13.7 20.5



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: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

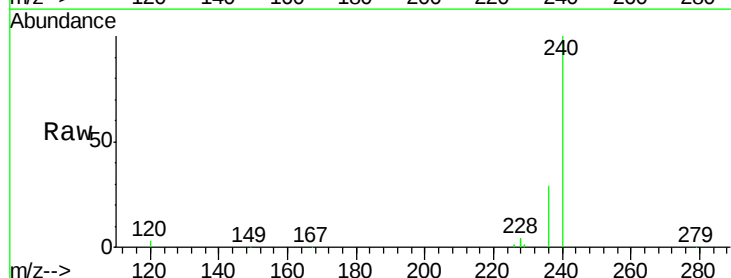
Tgt Ion:240 Resp: 80660

Ion Ratio Lower Upper

240 100

120 2.7 2.6 4.0

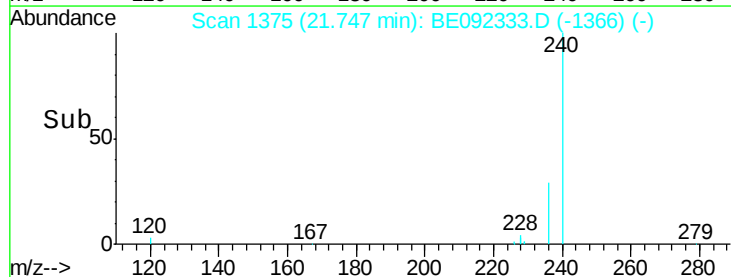
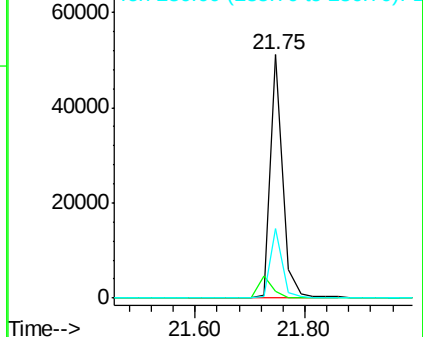
236 28.7 24.6 37.0

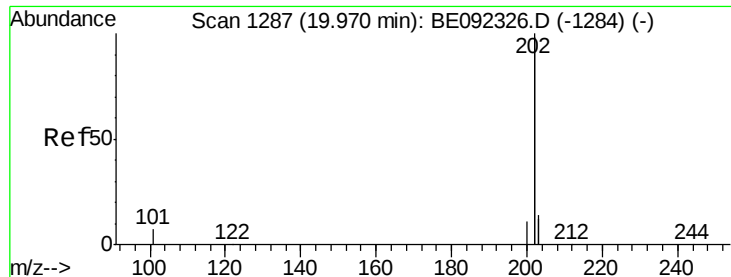


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.40 ng

RT: 19.97 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

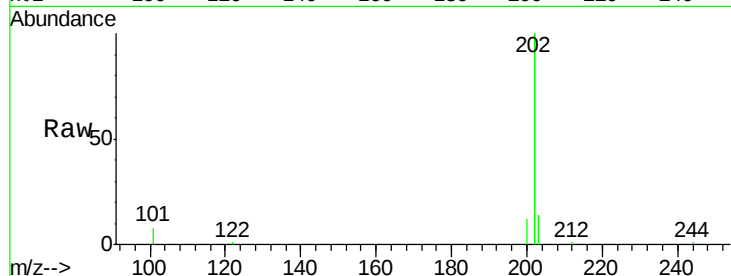
Tgt Ion: 202 Resp: 29446

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

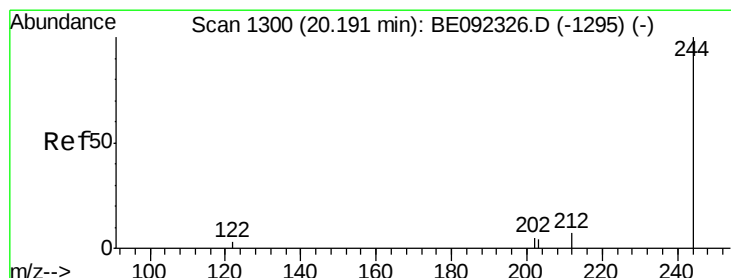
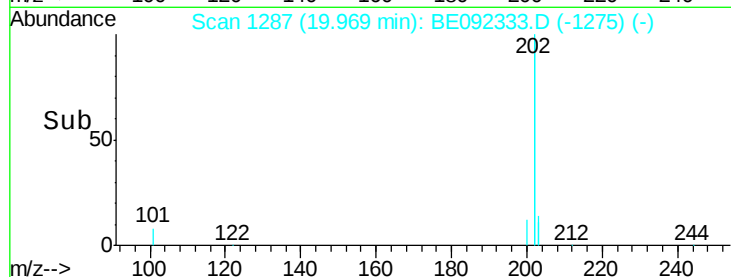
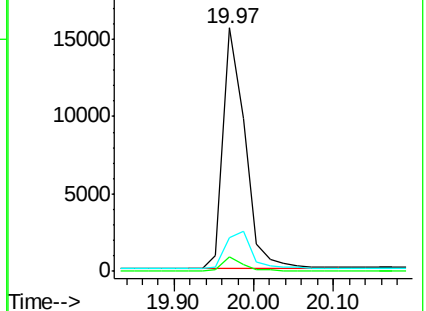
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 0.40 ng

RT: 20.19 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

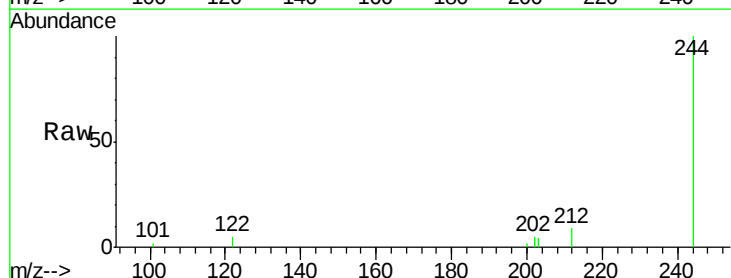
Tgt Ion: 244 Resp: 4309

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

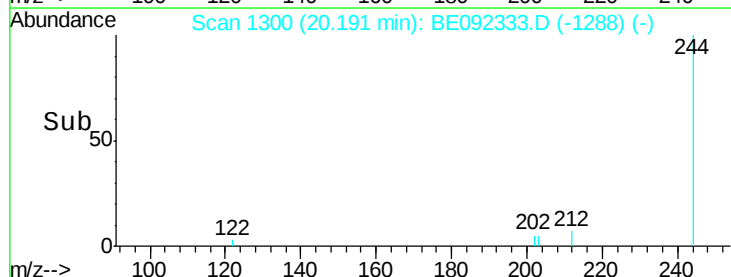
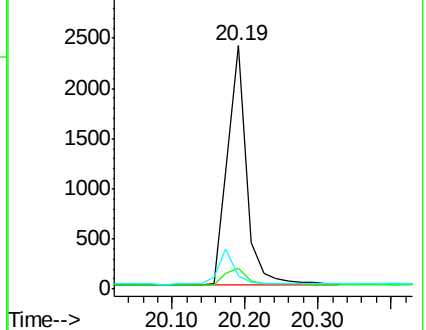
122 5.2 3.6 5.4

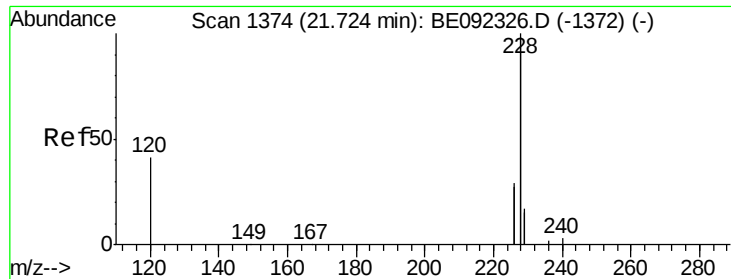


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

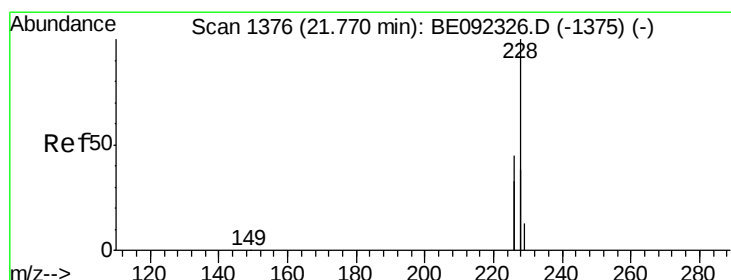
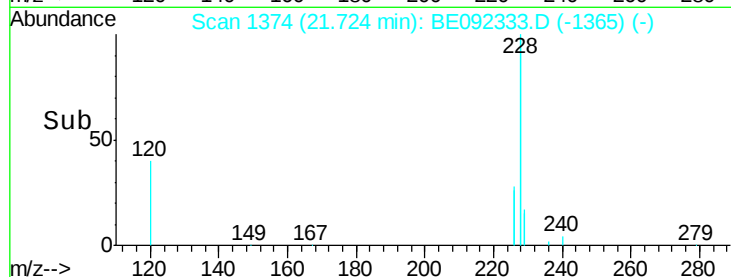
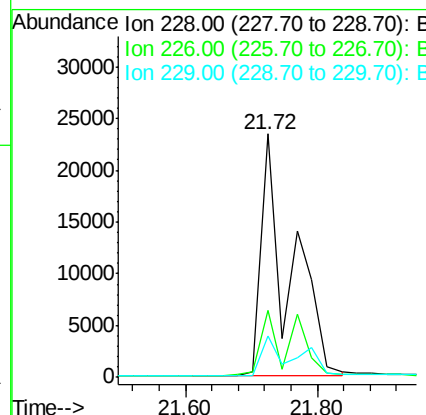
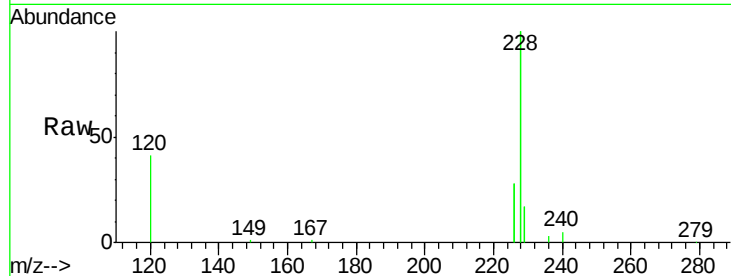




#27
Benzo(a)anthracene
Concen: 0.82 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092333.D
Acq: 1 Sep 2016 17:47

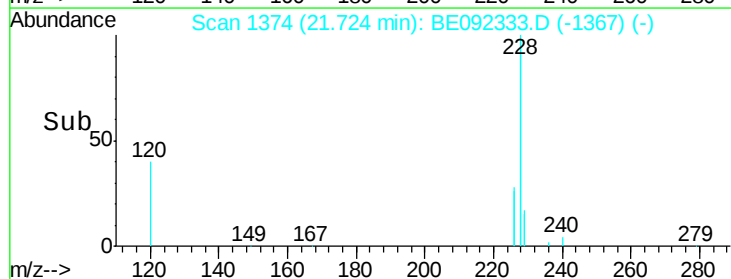
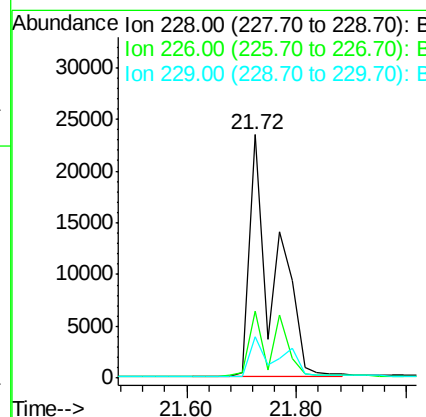
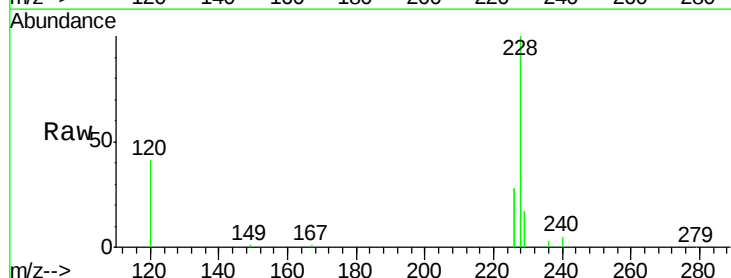
Instrument :
BNA_E
ClientSampleId :
ICVBE090116

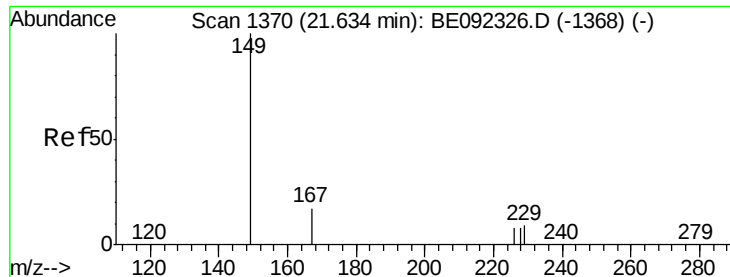
Tgt Ion:228 Resp: 70107
Ion Ratio Lower Upper
228 100
226 27.8 23.6 35.4
229 16.9 13.3 19.9



#28
Chrysene
Concen: 0.94 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092333.D
Acq: 1 Sep 2016 17:47

Tgt Ion:228 Resp: 70664
Ion Ratio Lower Upper
228 100
226 27.8 36.3 54.5#
229 16.9 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.54 ng

RT: 21.63 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

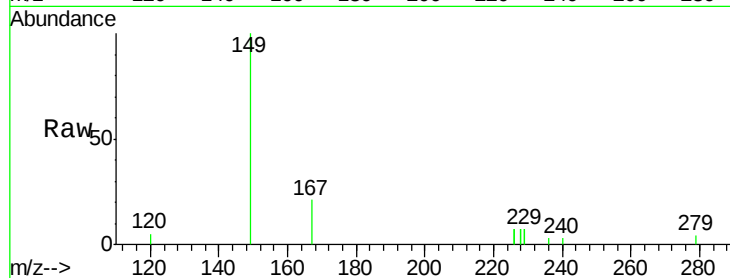
Tgt Ion:149 Resp: 3104

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

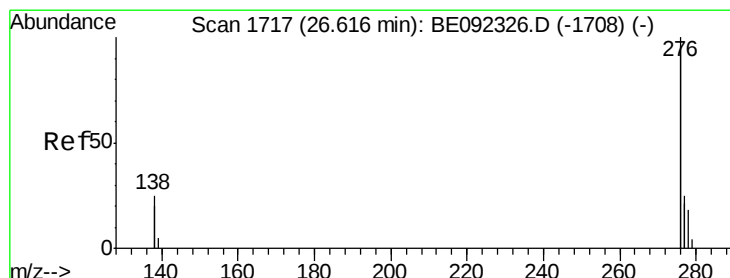
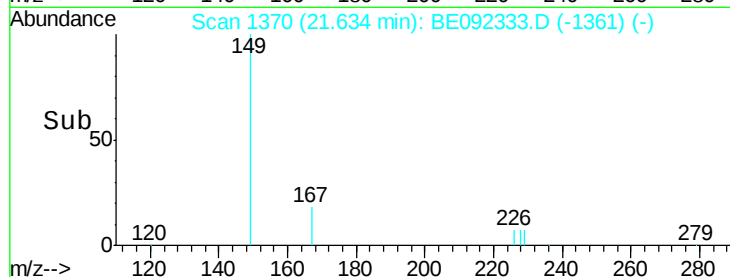
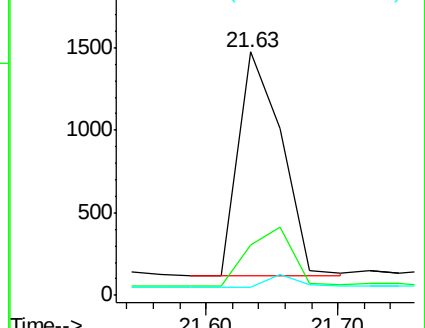
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.47 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

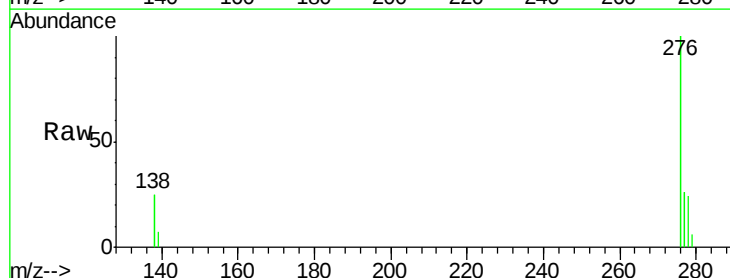
Tgt Ion:276 Resp: 37080

Ion Ratio Lower Upper

276 100

138 25.6 20.3 30.5

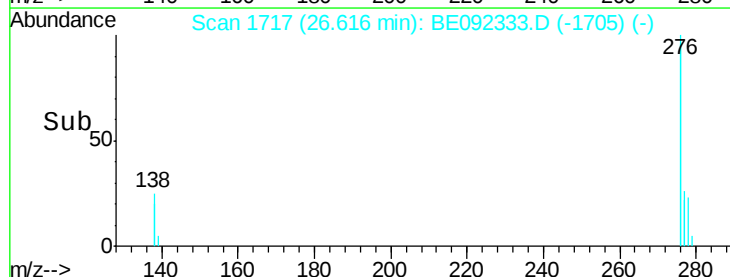
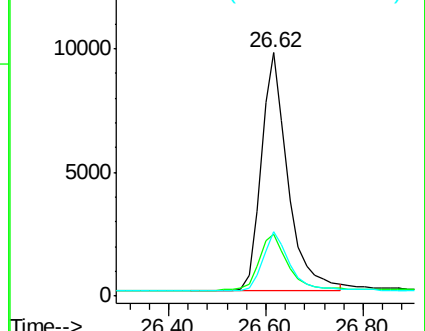
277 24.8 19.7 29.5

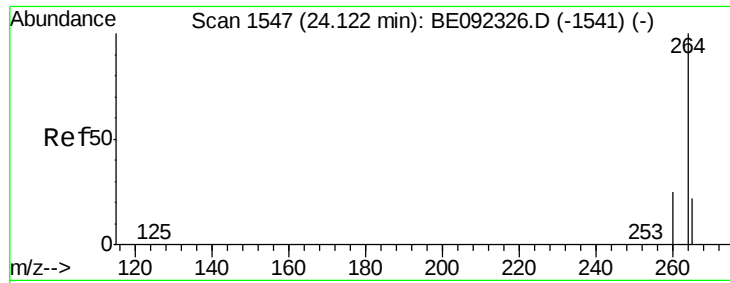


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

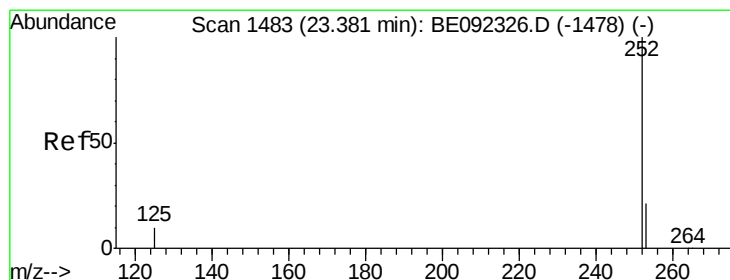
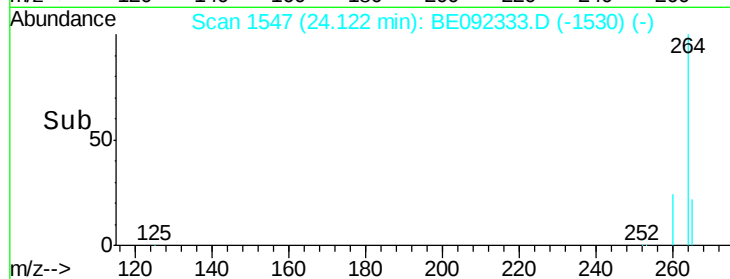
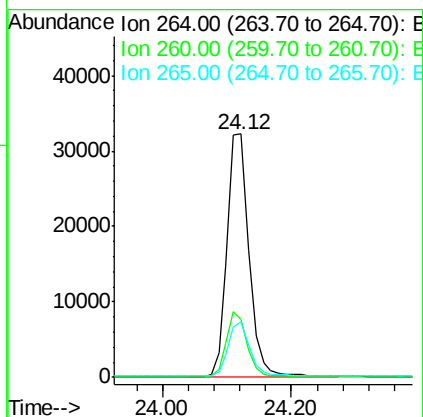
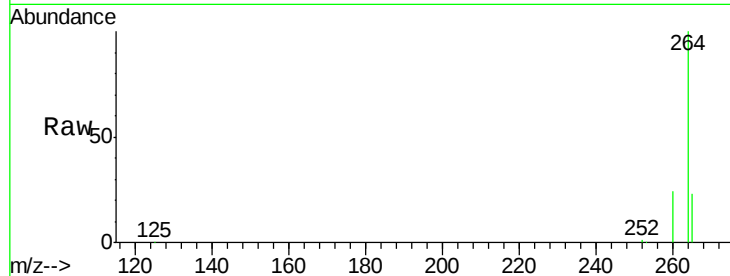




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BE092333.D
 Acq: 1 Sep 2016 17:47

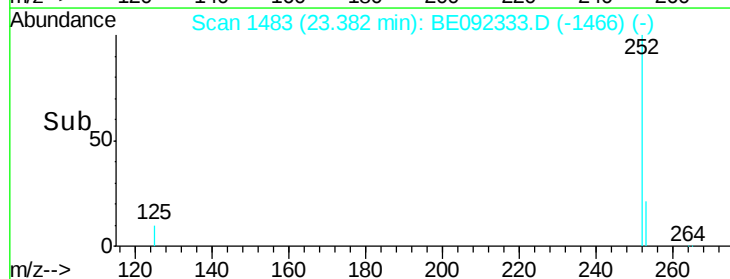
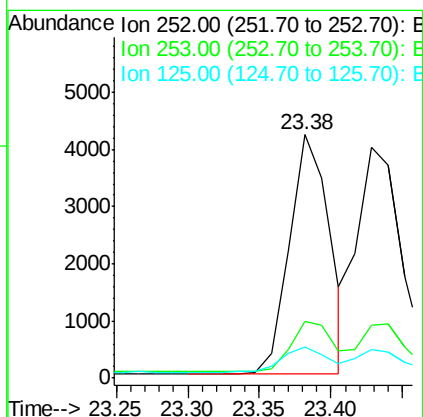
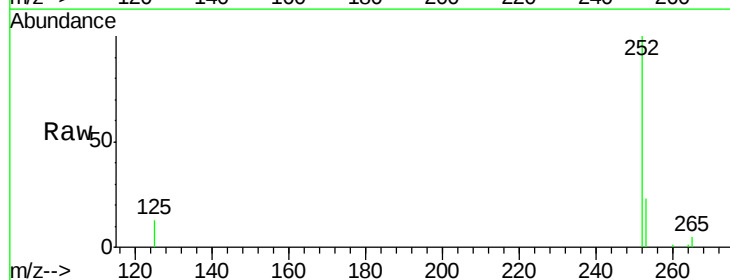
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE090116

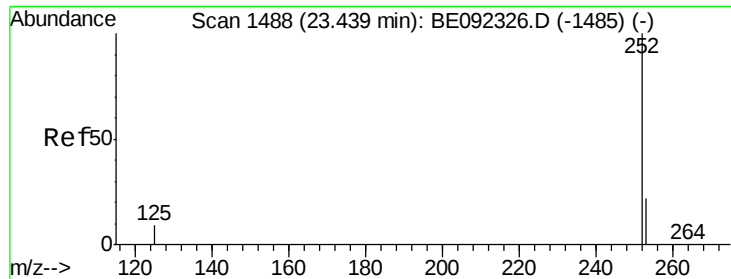
Tgt Ion: 264 Resp: 76251
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.9 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.45 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE092333.D
 Acq: 1 Sep 2016 17:47

Tgt Ion: 252 Resp: 8095
 Ion Ratio Lower Upper
 252 100
 253 23.5 18.7 28.1
 125 12.7 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.43 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

Instrument :

BNA_E

ClientSampleId :

ICVBE090116

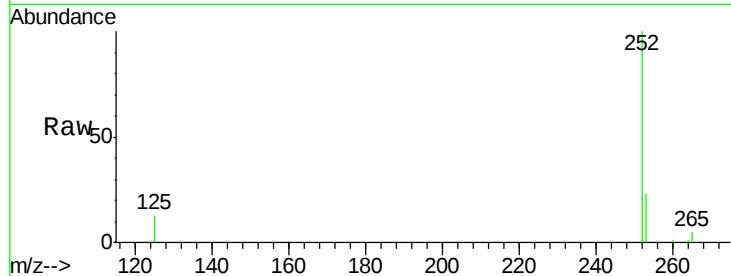
Tgt Ion:252 Resp: 8919

Ion Ratio Lower Upper

252 100

253 23.0 20.3 30.5

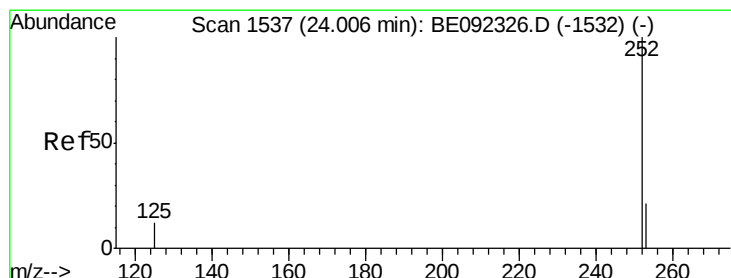
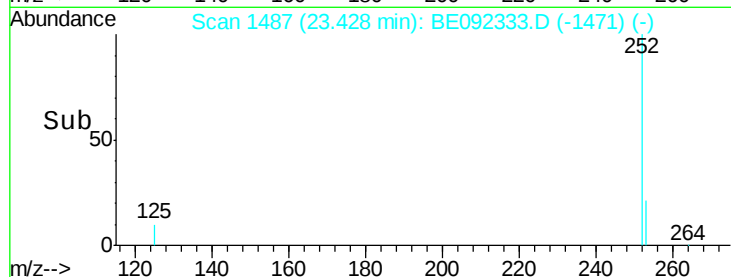
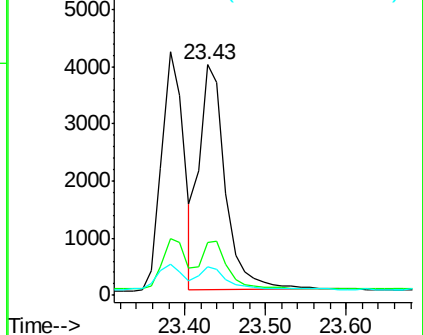
125 12.6 9.6 14.4



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: 0.44 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092333.D

Acq: 1 Sep 2016 17:47

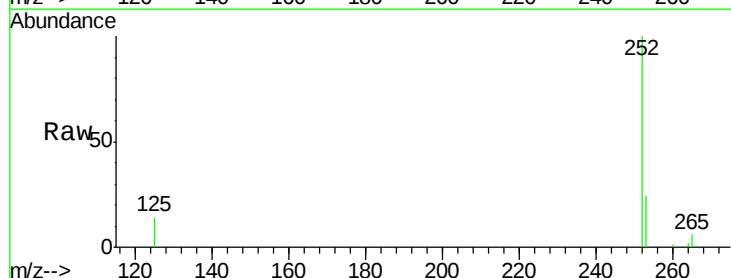
Tgt Ion:252 Resp: 8109

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.6

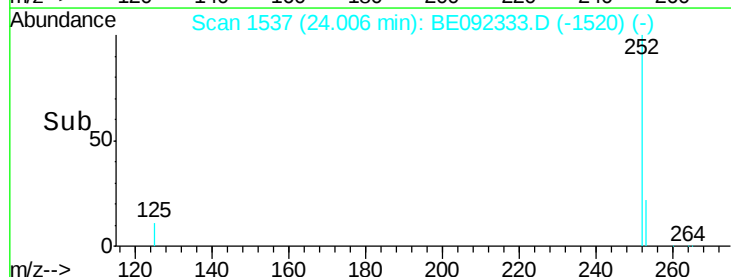
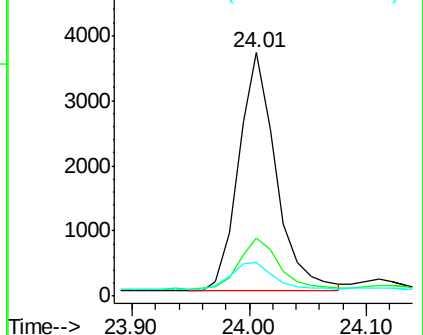
125 13.8 11.8 17.8

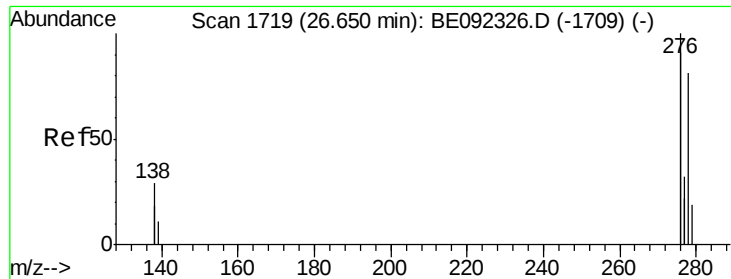


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



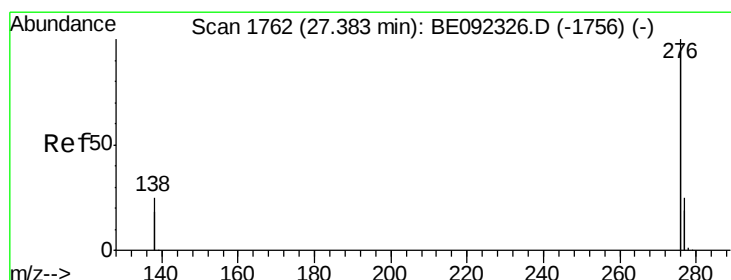
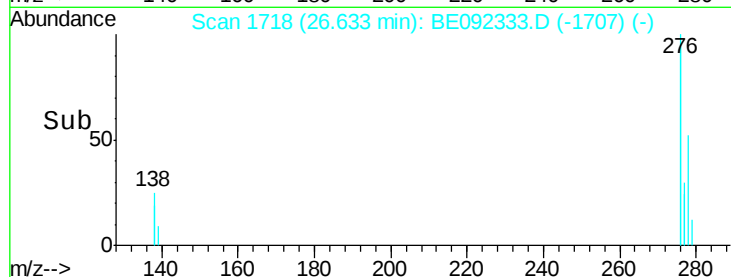
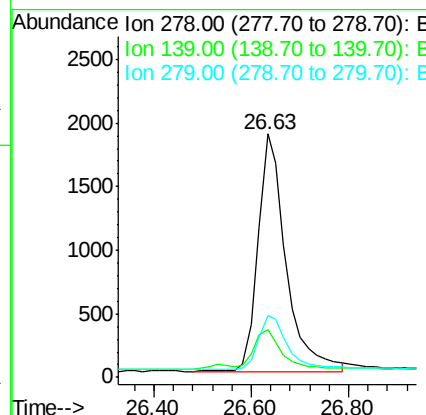
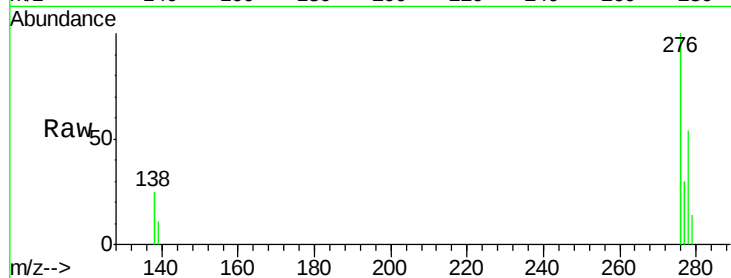


#35
Dibenzo(a,h)anthracene
Concen: 0.46 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092333.D
Acq: 1 Sep 2016 17:47

Instrument :
BNA_E
ClientSampleId :
ICVBE090116

Tgt Ion: 278 Resp: 7531

Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.8	20.8
279	25.5	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BE092333.D
Acq: 1 Sep 2016 17:47

Tgt Ion: 276 Resp: 31784

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	23.7	19.8	29.6

