

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102516\
 Data File : BE092472.D
 Acq On : 25 Oct 2016 9:50
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 25 12:54:45 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 12:49:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10021	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	50055	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	36285	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	69888	5.00	ng	0.00
24) Chrysene-d12	21.75	240	87264	5.00	ng	0.00
31) Perylene-d12	24.11	264	71504	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.70	112	262	0.13	ng	0.02
5) Phenol-d6	7.40	99	307	0.11	ng	0.04
8) Nitrobenzene-d5	9.38	82	348	0.12	ng	0.02
13) 2,4,6-Tribromophenol	16.33	330	103	0.10	ng	0.01
14) 2-Fluorobiphenyl	13.46	172	1623	0.19	ng	0.01
26) Terphenyl-d14	20.19	244	1893	0.17	ng	0.00

Target Compounds

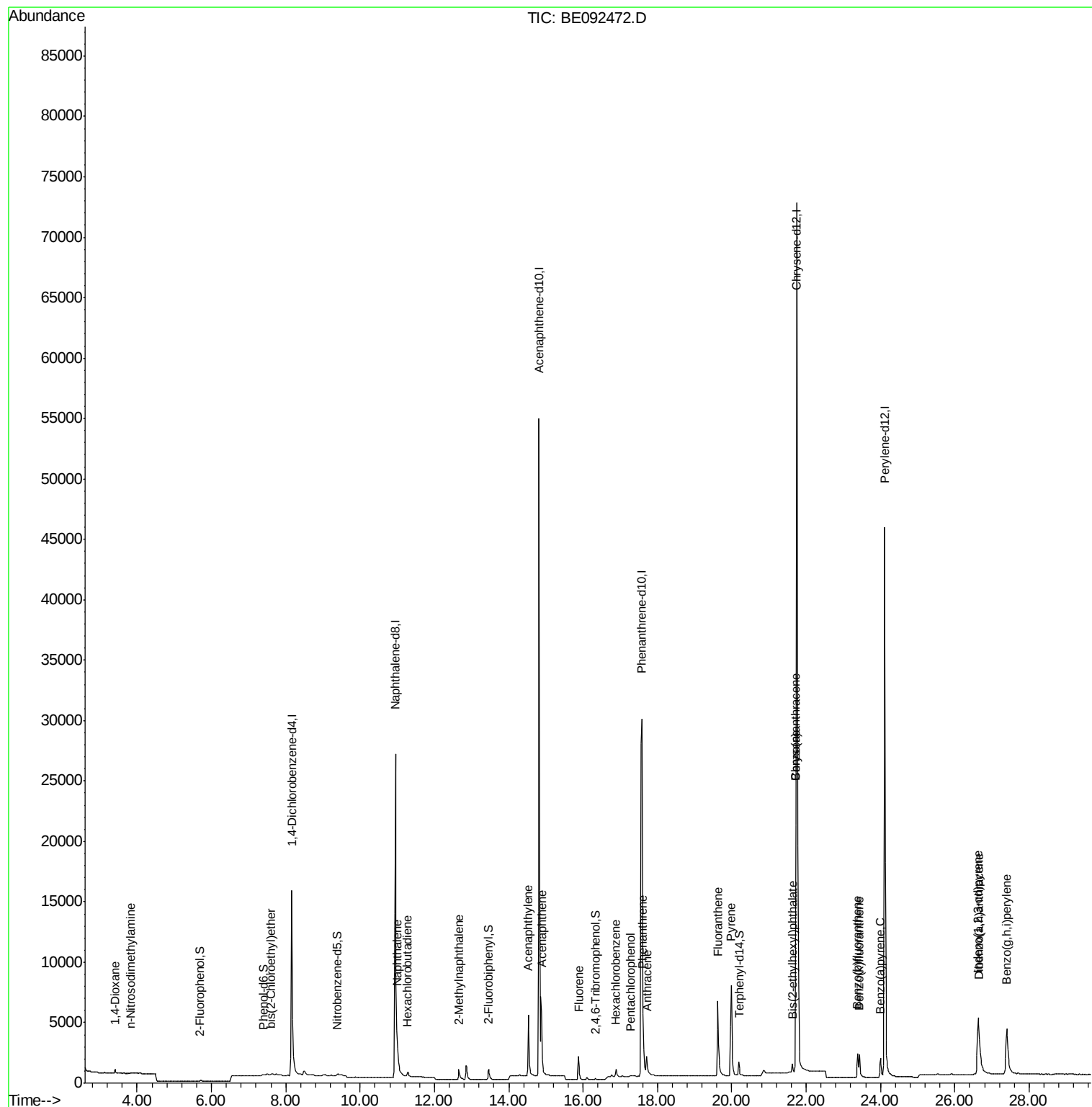
						Qvalue
2) 1,4-Dioxane	3.41	88	293	0.23	ng	92
3) n-Nitrosodimethylamine	3.83	42	130	0.11	ng	# 2
6) bis(2-Chloroethyl)ether	7.61	93	209	0.09	ng	# 65
9) Naphthalene	10.99	128	2116	0.20	ng	# 94
10) Hexachlorobutadiene	11.28	225	339	0.20	ng	99
11) 2-Methylnaphthalene	12.66	142	1298	0.18	ng	97
15) Acenaphthylene	14.53	152	9531	0.18	ng	99
16) Acenaphthene	14.88	154	1692	0.21	ng	94
17) Fluorene	15.88	166	1836	0.18	ng	98
19) Hexachlorobenzene	16.89	284	616	0.21	ng	# 67
20) Pentachlorophenol	17.28	266	61	0.09	ng	# 82
21) Phenanthrene	17.60	178	3370	0.21	ng	96
22) Anthracene	17.72	178	2663	0.17	ng	99
23) Fluoranthene	19.63	202	12853	0.17	ng	99
25) Pyrene	19.99	202	13712	0.18	ng	100
27) Benzo(a)anthracene	21.72	228	30642	0.36	ng	93
28) Chrysene	21.72	228	30991	0.40	ng	# 74
29) Bis(2-ethylhexyl)phthalate	21.63	149	974	0.13	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.63	276	12796	0.15	ng	98
32) Benzo(b)fluoranthene	23.38	252	2974	0.17	ng	95
33) Benzo(k)fluoranthene	23.43	252	3598	0.20	ng	# 97
34) Benzo(a)pyrene	24.01	252	2871	0.17	ng	94
35) Dibenzo(a,h)anthracene	26.65	278	2533	0.16	ng	# 88
36) Benzo(g,h,i)perylene	27.40	276	11806	0.18	ng	93

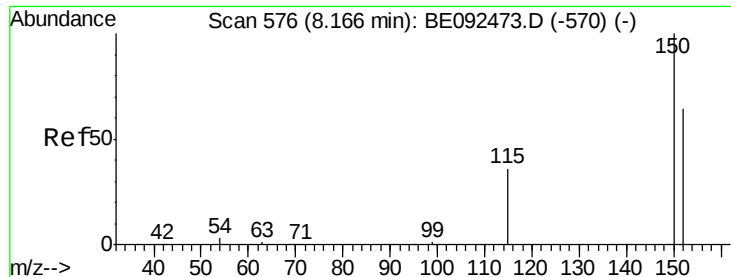
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 25 12:49:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

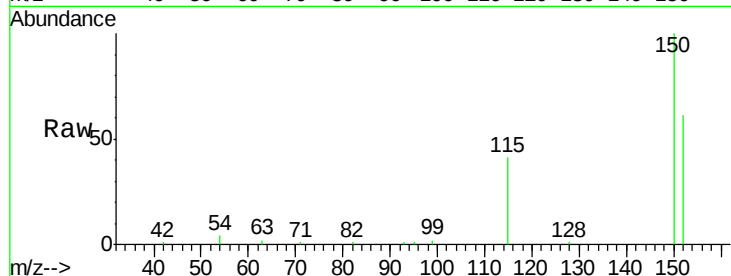
Tot Ion:152 Resp: 10021

Ion Ratio Lower Upper

152 100

150 164.2 106.0 159.0#

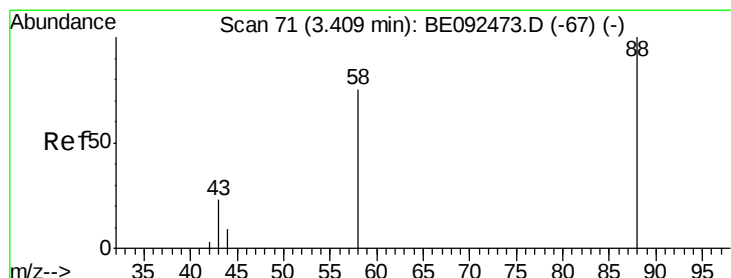
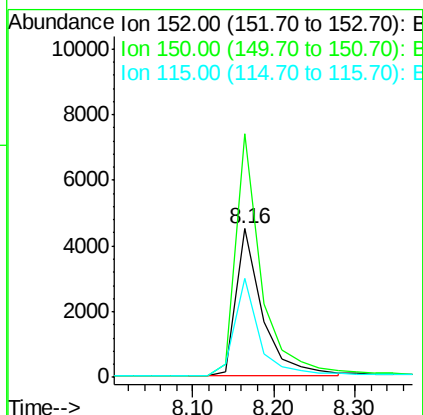
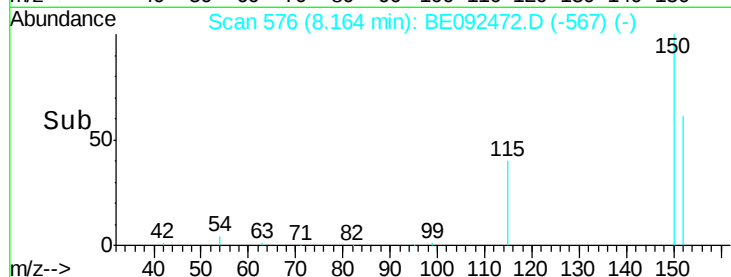
115 66.9 31.2 46.8#



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: 0.23 ng

RT: 3.41 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

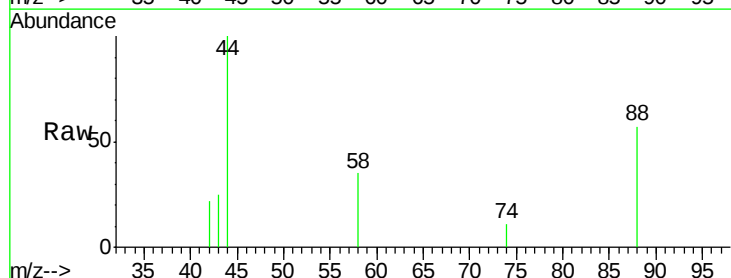
Tgt Ion: 88 Resp: 293

Ion Ratio Lower Upper

88 100

58 70.6 63.6 95.4

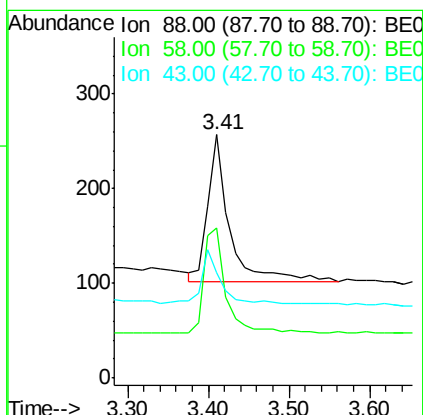
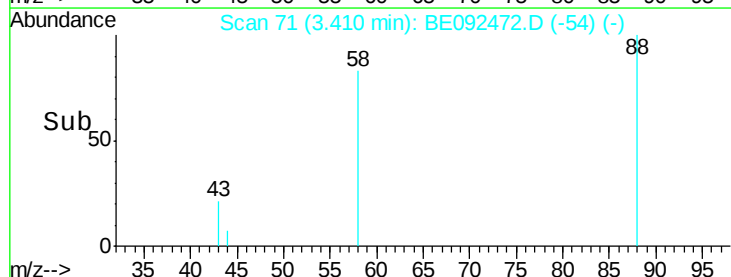
43 33.4 28.0 42.0

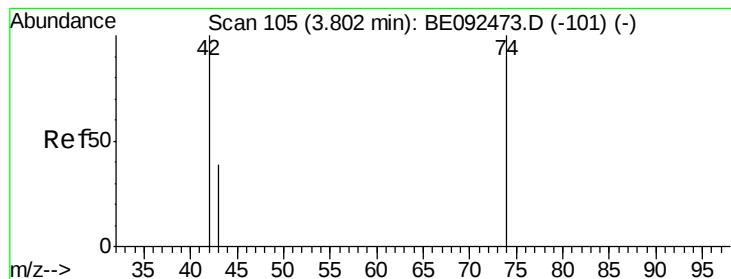


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.11 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.02 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

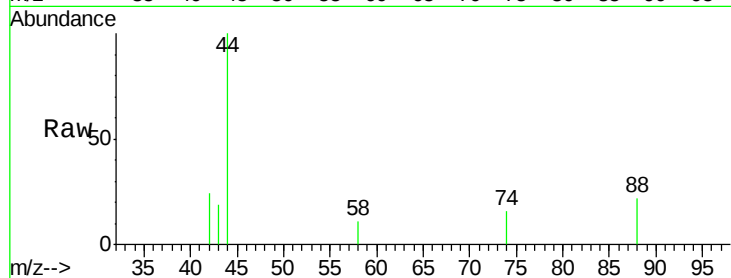
Tot Ion: 42 Resp: 130

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

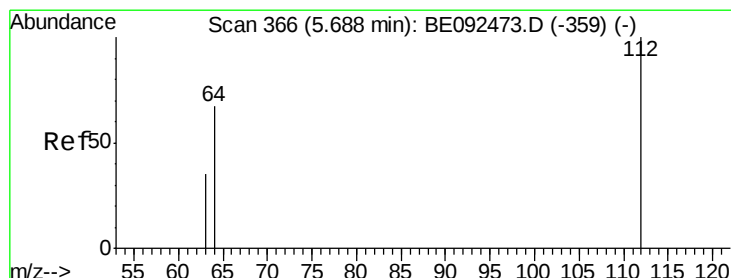
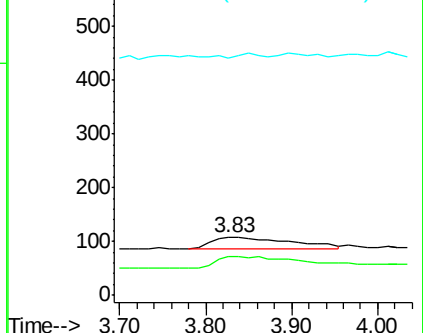
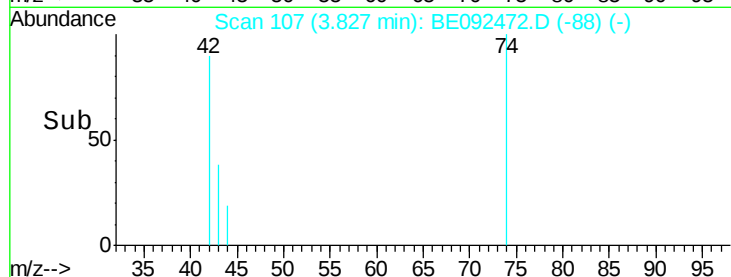
44 0.0 5.1 7.7#



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



#4

2-Fluorophenol

Concen: 0.13 ng

RT: 5.70 min Scan# 369

Delta R.T. 0.02 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

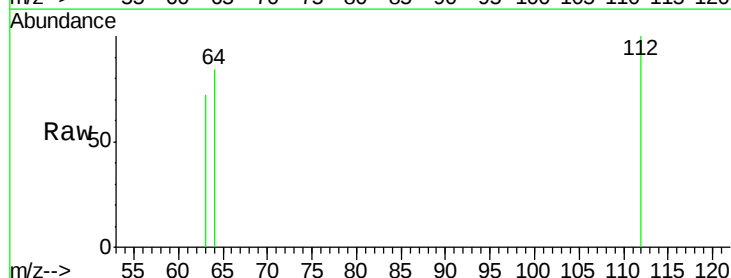
Tgt Ion: 112 Resp: 262

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

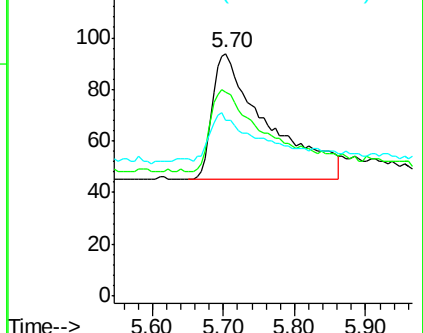
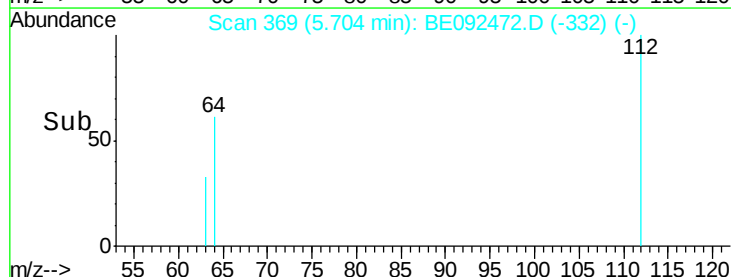
63 34.0 27.9 41.9

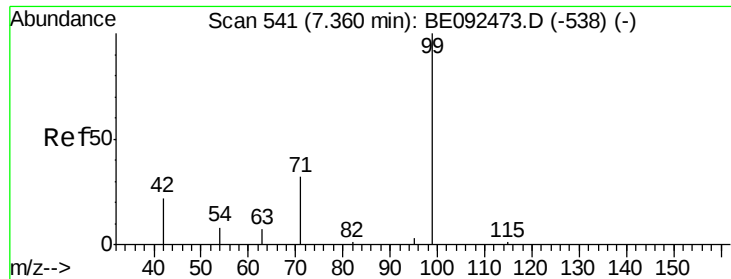


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.40 min Scan# 543

Delta R.T. 0.04 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

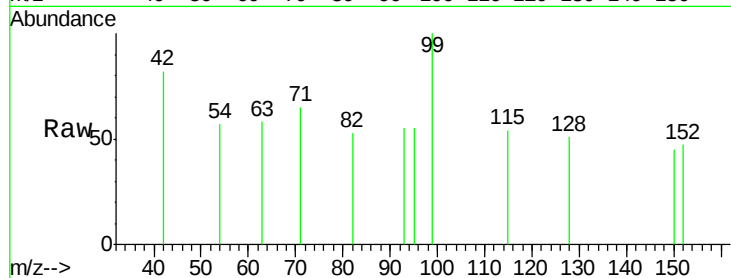
Tot Ion: 99 Resp: 307

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

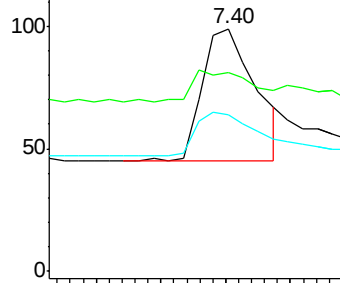
71 0.0 30.6 45.8#



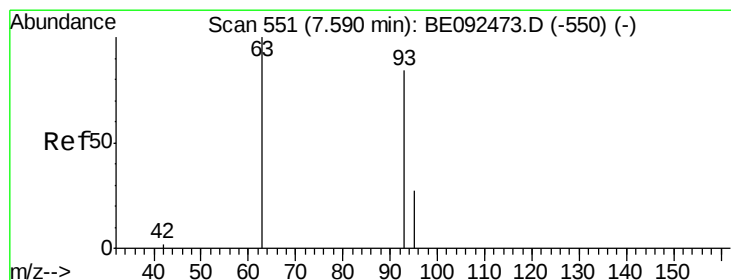
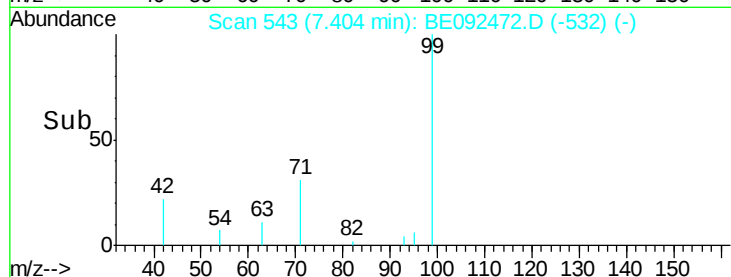
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.02 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

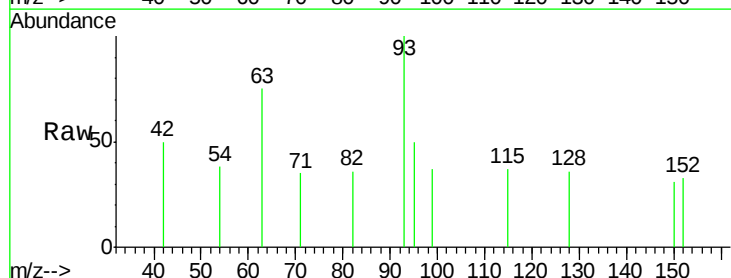
Tgt Ion: 93 Resp: 209

Ion Ratio Lower Upper

93 100

63 123.0 71.6 107.4#

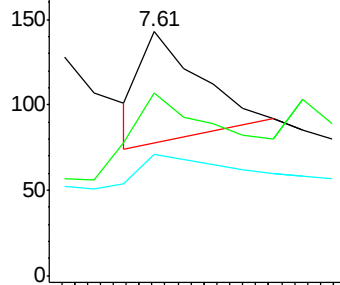
95 48.8 24.0 36.0#



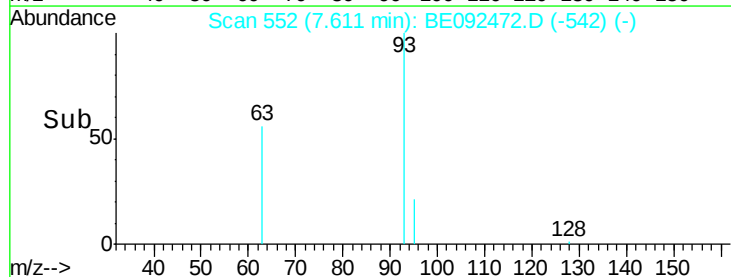
Abundance Ion 93.00 (92.70 to 93.70): BE0

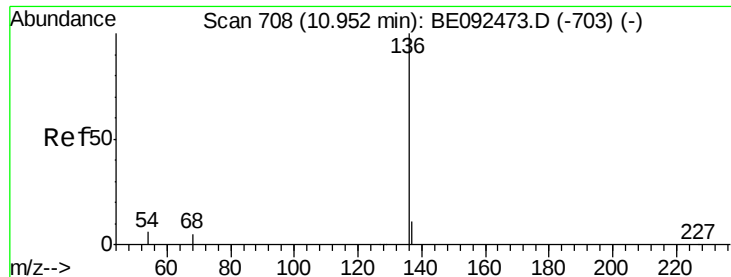
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092472.D

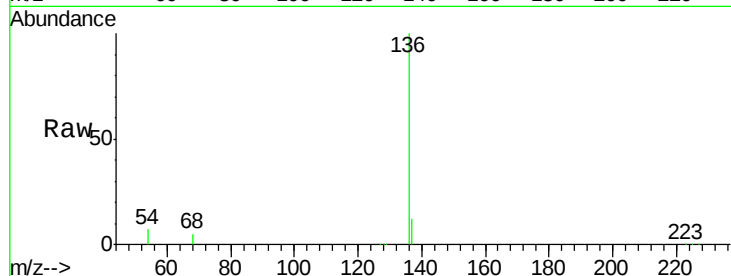
Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	50055
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.2 12.4
54	6.5	9.6 14.4#
68	4.8	6.7 10.1#

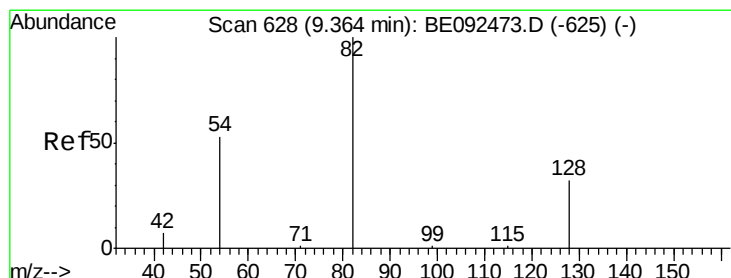
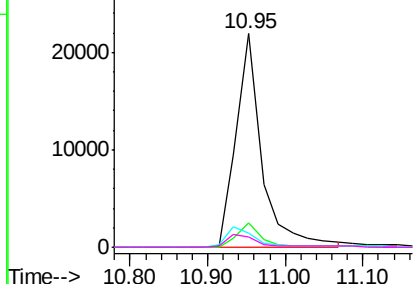
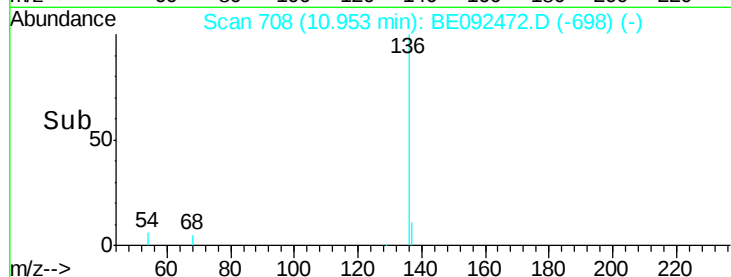


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.12 ng

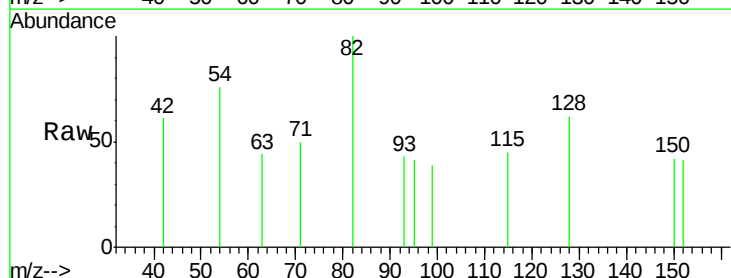
RT: 9.38 min Scan# 629

Delta R.T. 0.02 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

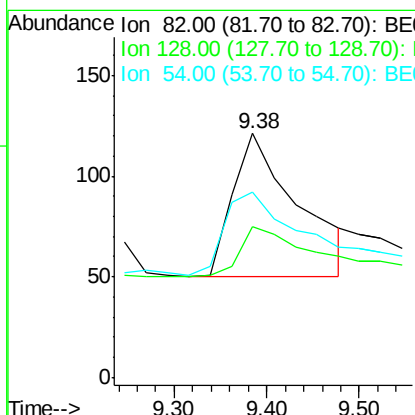
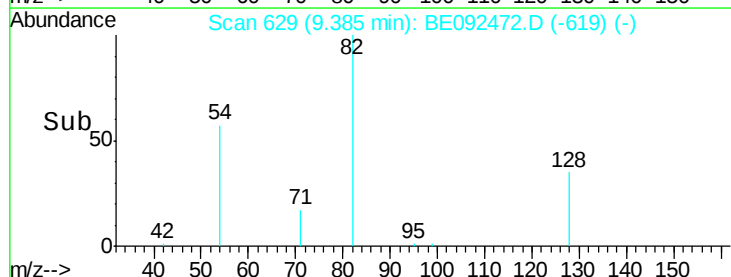
Tgt Ion: 82	Resp:	348
Ion Ratio	Lower	Upper
82	100	
128	62.0	39.0 58.4#
54	76.0	44.8 67.2#

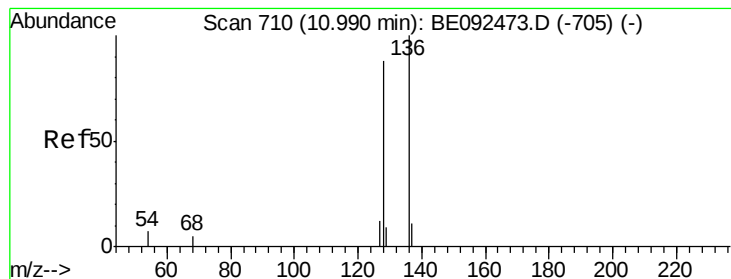


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.20 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

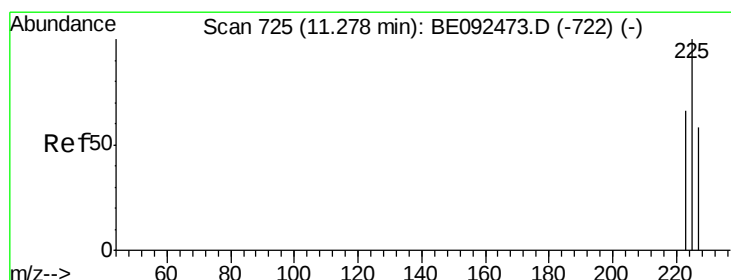
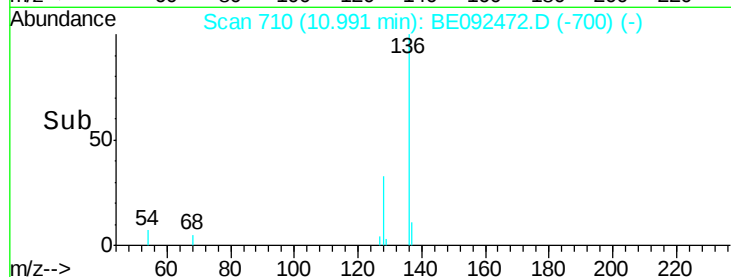
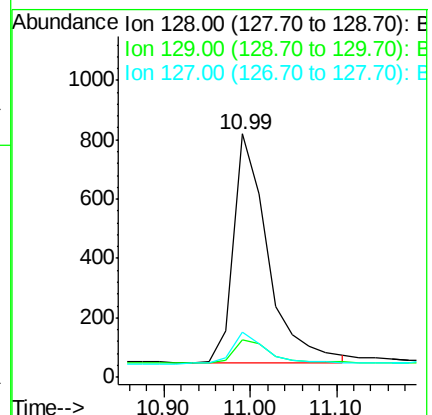
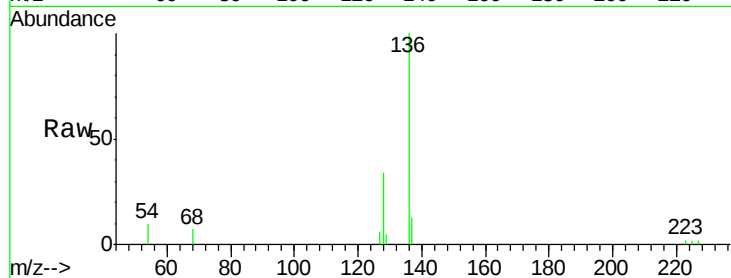
Tot Ion:128 Resp: 2116

Ion Ratio Lower Upper

128 100

129 15.4 11.2 16.8

127 18.3 11.6 17.4#



#10

Hexachlorobutadiene

Concen: 0.20 ng

RT: 11.28 min Scan# 725

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

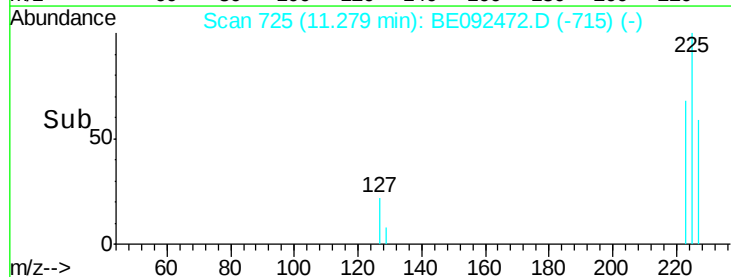
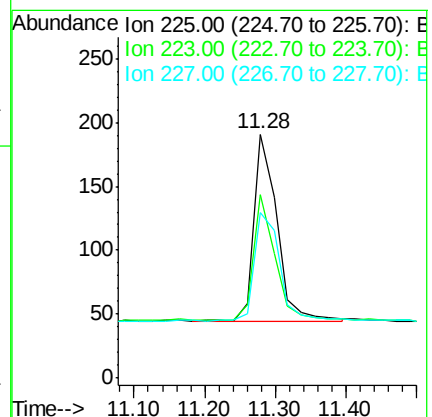
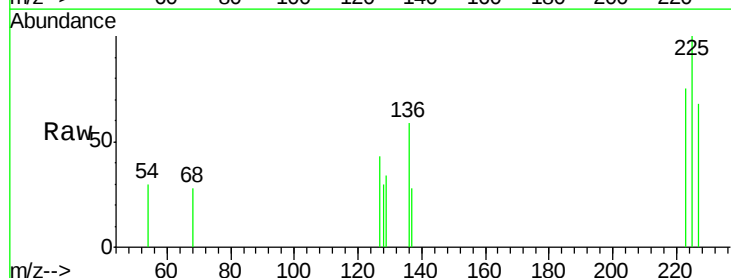
Tgt Ion:225 Resp: 339

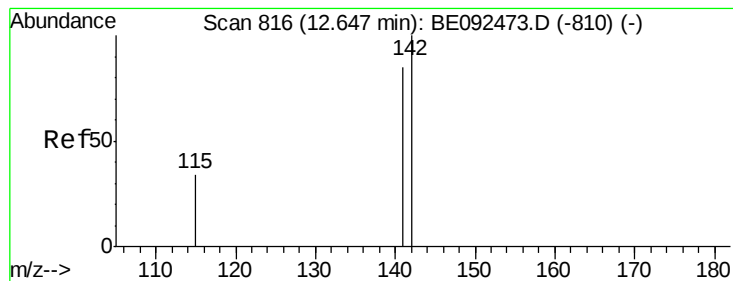
Ion Ratio Lower Upper

225 100

223 61.7 50.6 76.0

227 64.0 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.18 ng

RT: 12.66 min Scan# 817

Delta R.T. 0.01 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

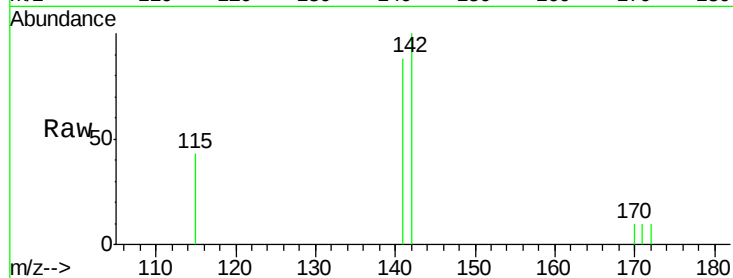
Tot Ion:142 Resp: 1298

Ion Ratio Lower Upper

142 100

141 87.8 73.7 110.5

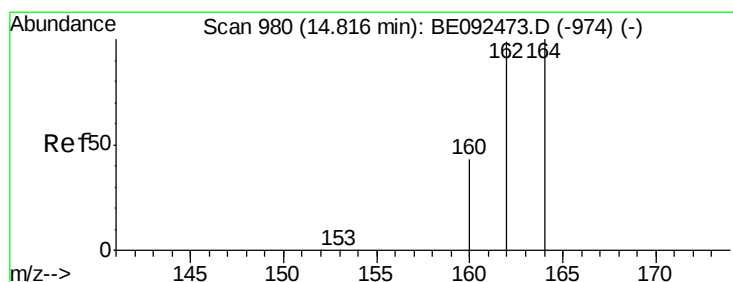
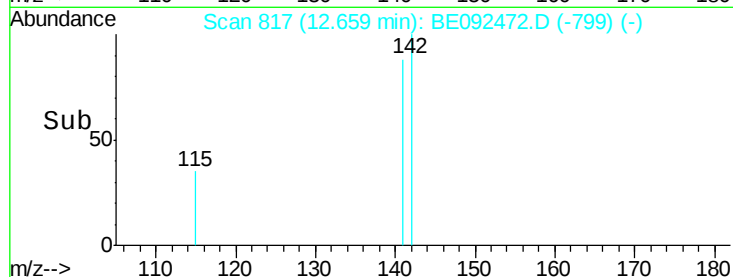
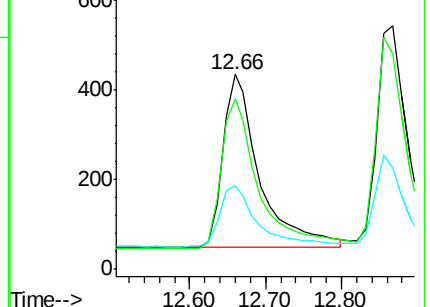
115 42.6 34.0 51.0



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# 979

Delta R.T. -0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

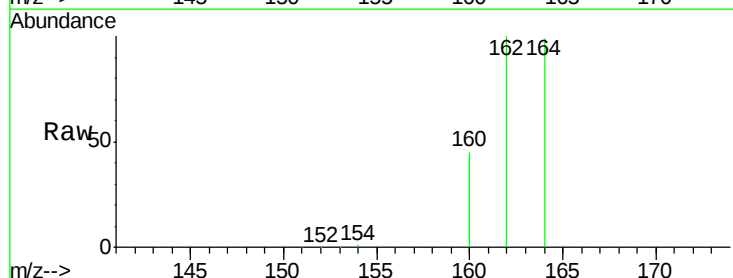
Tgt Ion:164 Resp: 36285

Ion Ratio Lower Upper

164 100

162 100.9 71.4 107.0

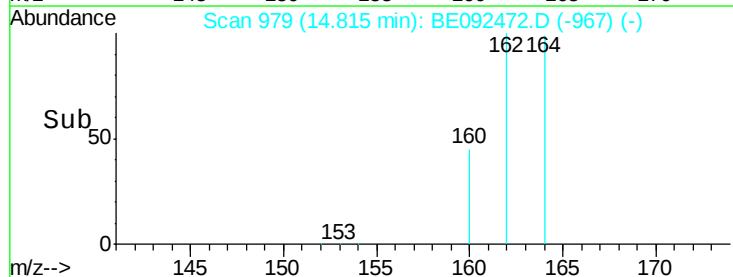
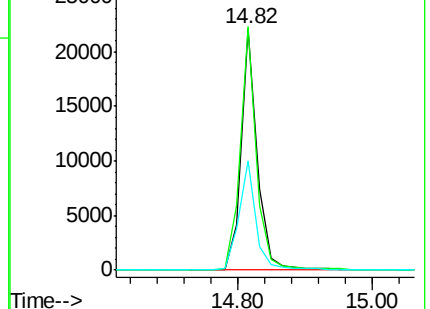
160 45.4 27.4 41.2#

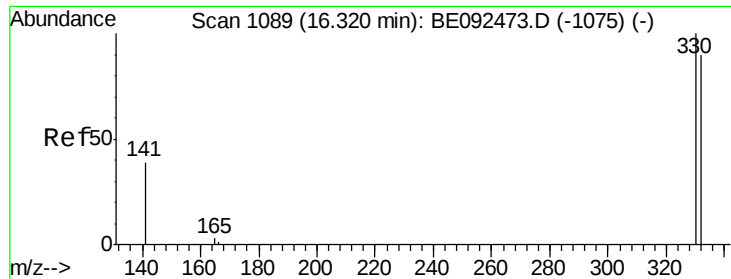


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

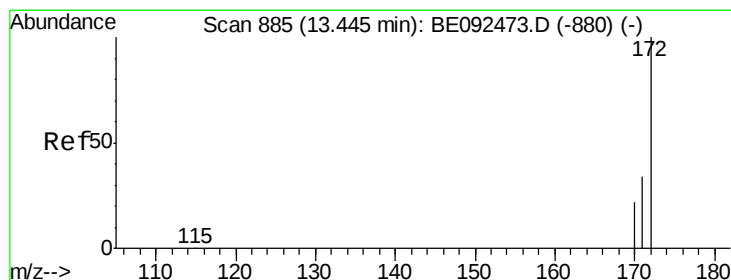
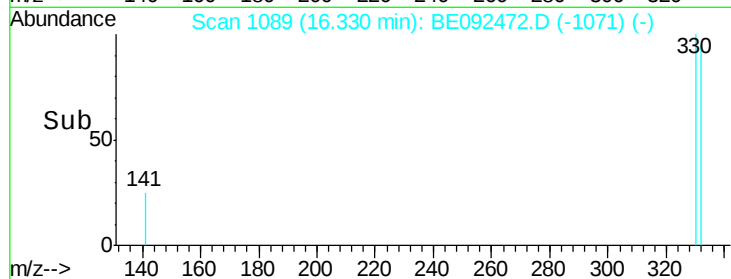
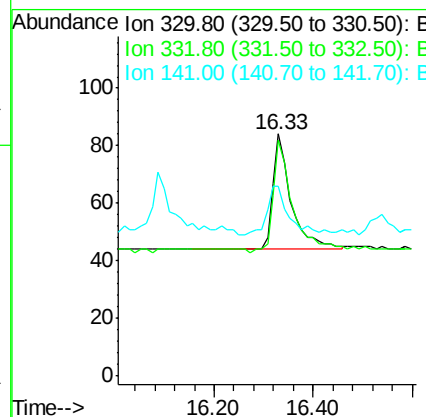
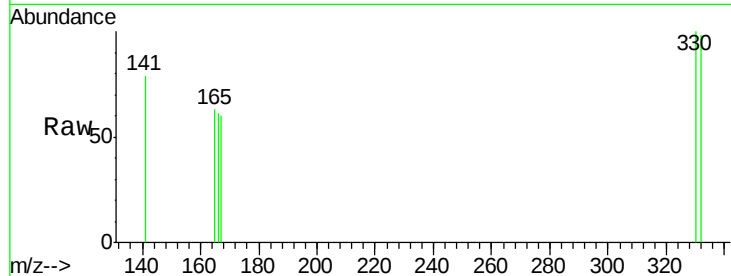




#13
 2,4,6-Tribromophenol
 Concen: 0.10 ng
 RT: 16.33 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BE092472.D
 Acq: 25 Oct 2016 9:50

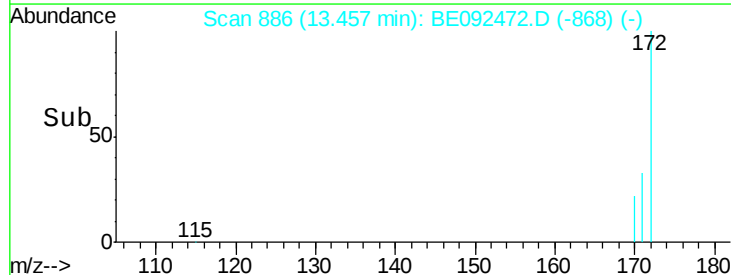
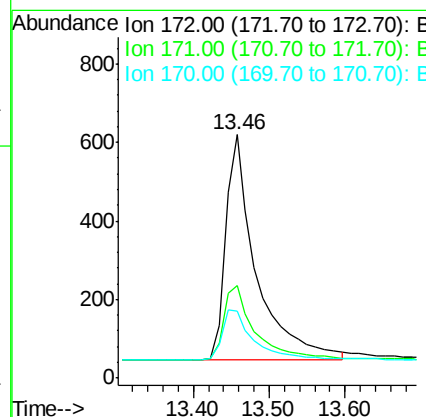
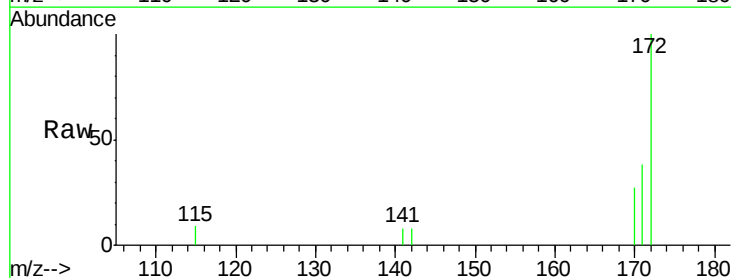
Instrument :
 BNA_E
 ClientSampleId :

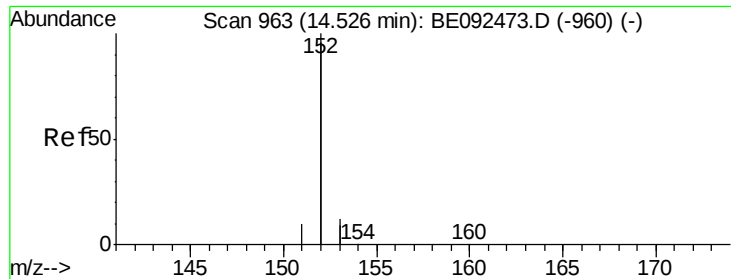
Tot Ion:330 Resp: 103
 Ion Ratio Lower Upper
 330 100
 332 106.8 75.4 113.0
 141 53.4 31.0 46.6#



#14
 2-Fluorobiphenyl
 Concen: 0.19 ng
 RT: 13.46 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BE092472.D
 Acq: 25 Oct 2016 9:50

Tgt Ion:172 Resp: 1623
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.1 45.1
 170 27.4 21.8 32.6





#15

Acenaphthylene

Concen: 0.18 ng

RT: 14.53 min Scan# 962

Delta R.T. -0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

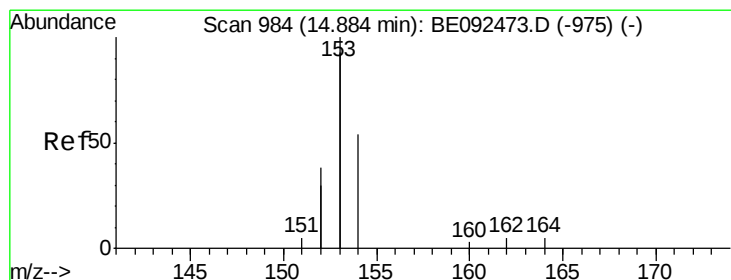
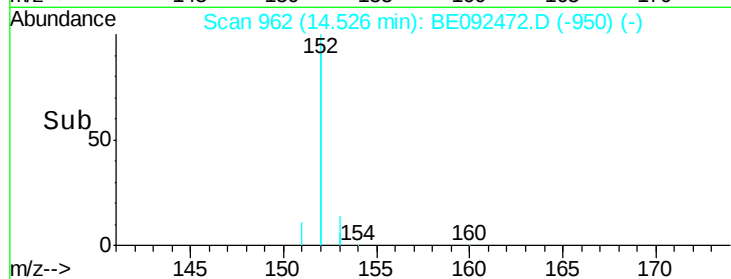
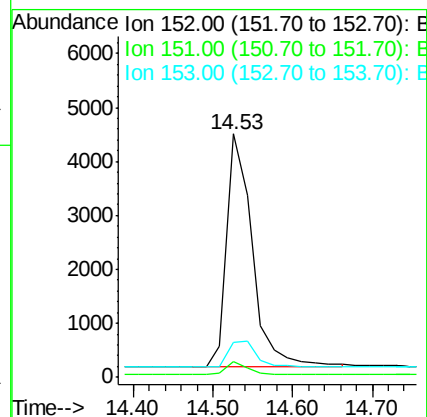
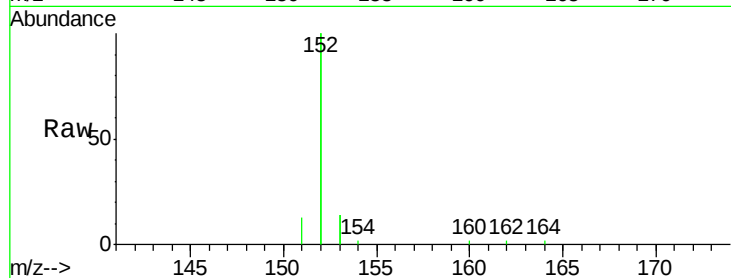
Tot Ion:152 Resp: 9531

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 12.7 10.4 15.6



#16

Acenaphthene

Concen: 0.21 ng

RT: 14.88 min Scan# 983

Delta R.T. -0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

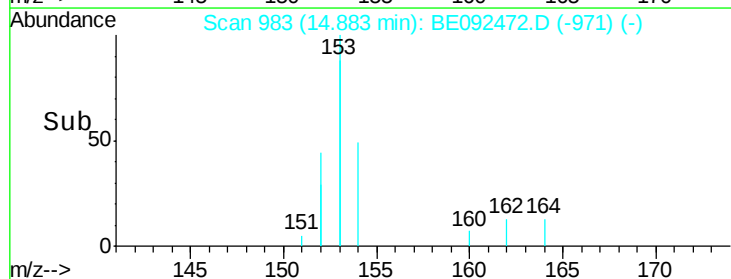
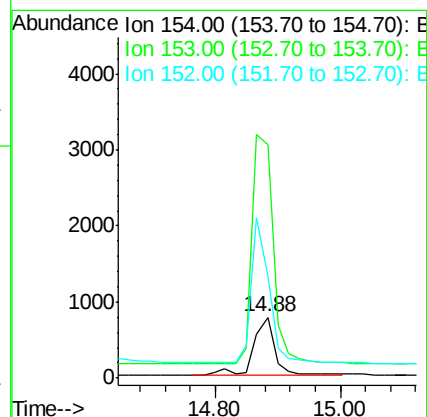
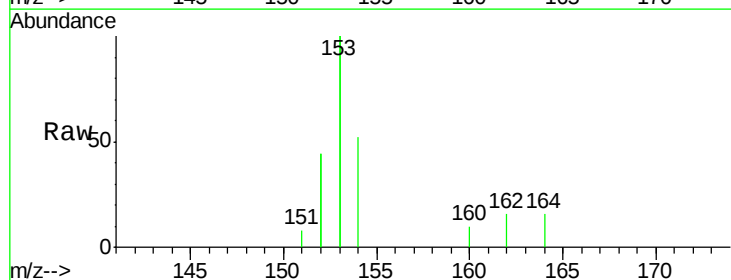
Tgt Ion:154 Resp: 1692

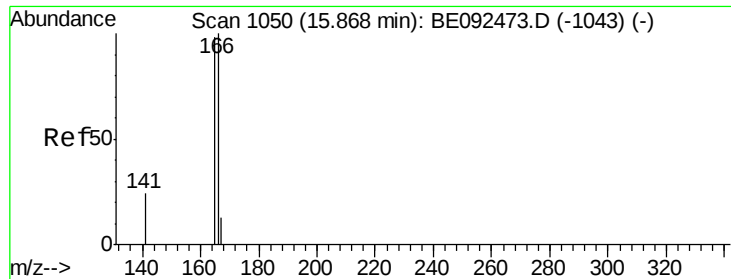
Ion Ratio Lower Upper

154 100

153 417.0 350.8 526.2

152 217.3 171.1 256.7





#17

Fluorene

Concen: 0.18 ng

RT: 15.88 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

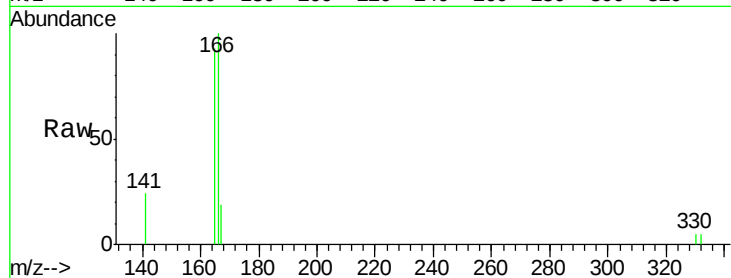
Tot Ion:166 Resp: 1836

Ion Ratio Lower Upper

166 100

165 99.9 78.2 117.4

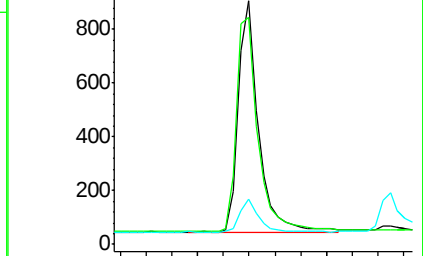
167 13.7 11.0 16.4



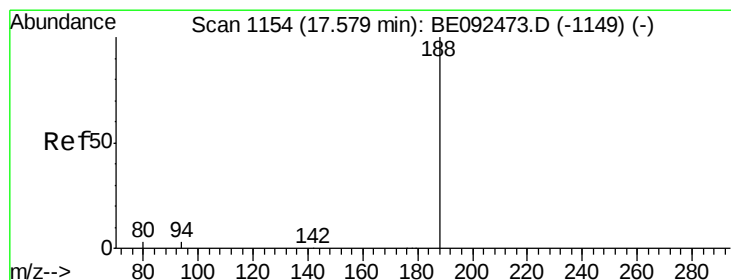
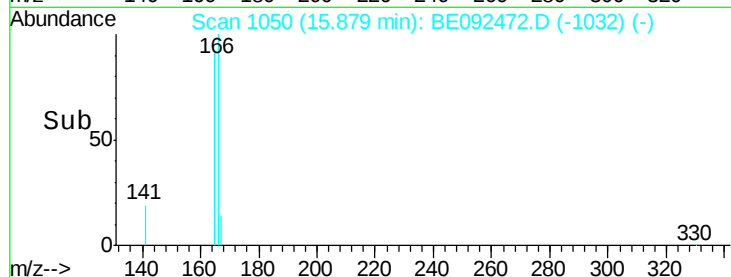
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

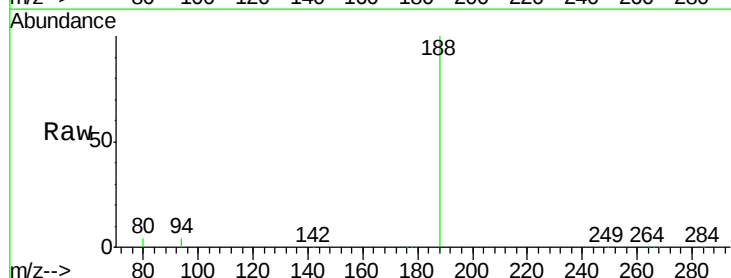
Tgt Ion:188 Resp: 69888

Ion Ratio Lower Upper

188 100

94 4.0 3.2 4.8

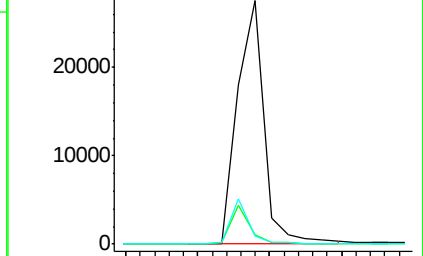
80 3.6 2.6 3.8



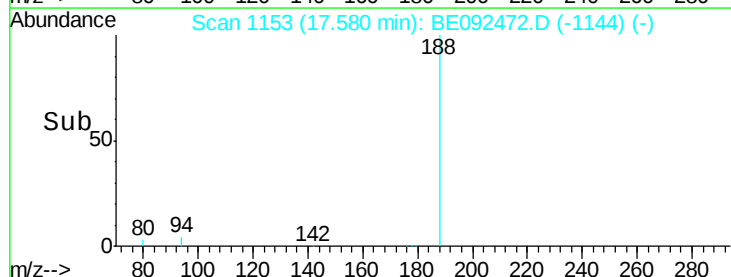
Abundance Ion 188.00 (187.70 to 188.70): E

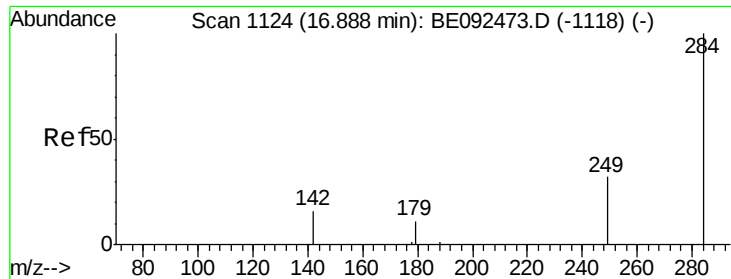
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->

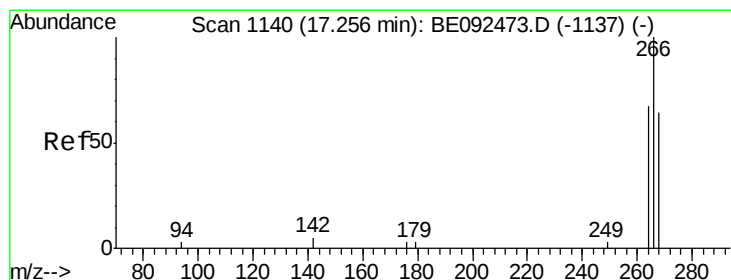
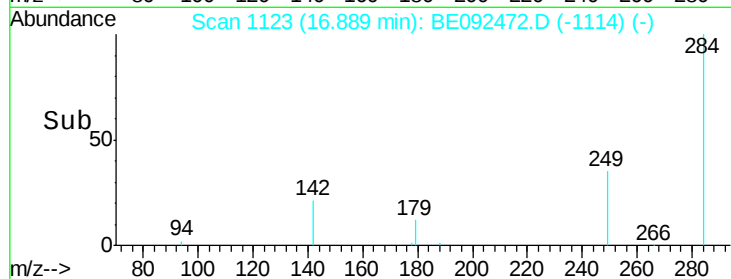
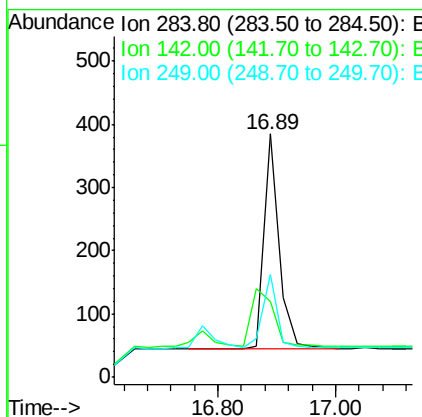
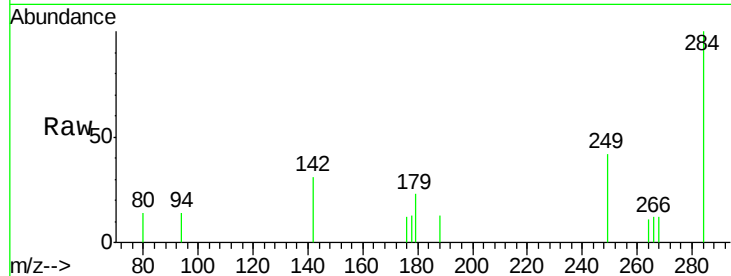




#19
Hexachlorobenzene
Concen: 0.21 ng
RT: 16.89 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

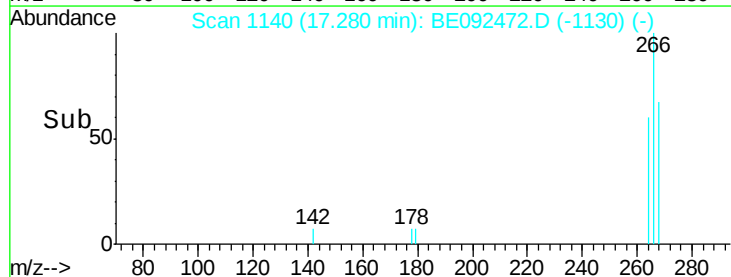
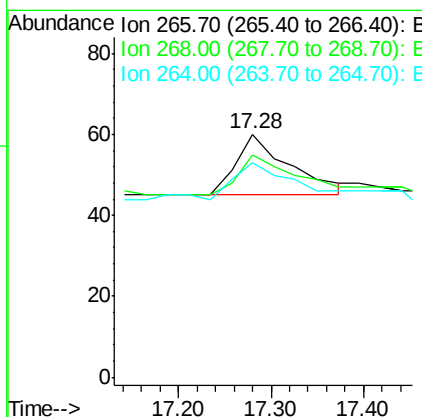
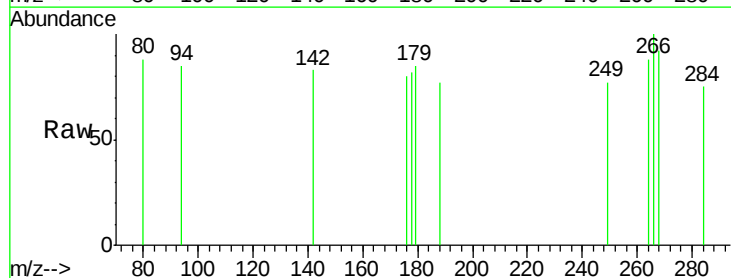
Instrument :
BNA_E
ClientSampleId :

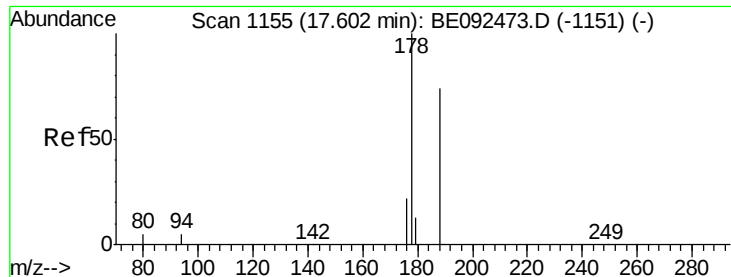
Tot Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.5	27.9	41.9



#20
Pentachlorophenol
Concen: 0.09 ng
RT: 17.28 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	91.7	62.5	93.7
264	88.3	57.2	85.8#





#21

Phenanthrene

Concen: 0.21 ng

RT: 17.60 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

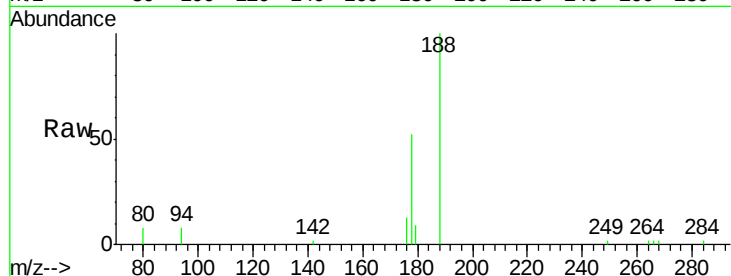
Tot Ion:178 Resp: 3370

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

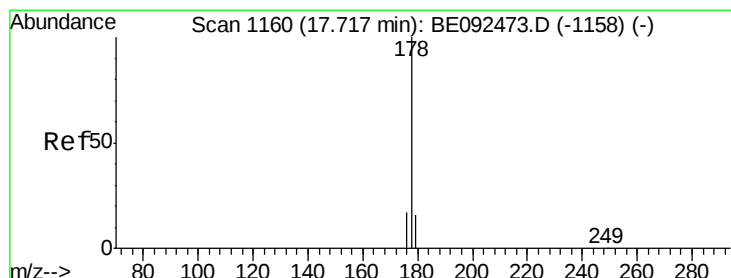
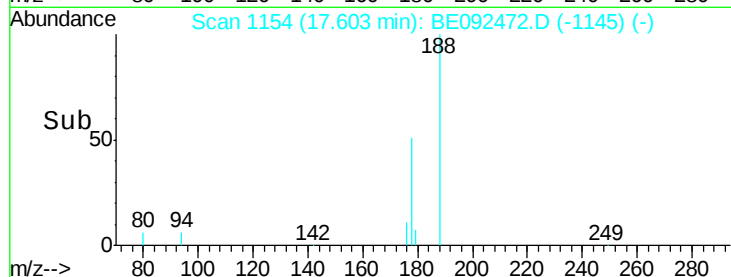
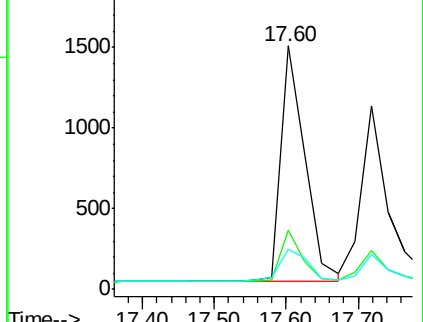
179 16.7 16.0 24.0



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: 0.17 ng

RT: 17.72 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

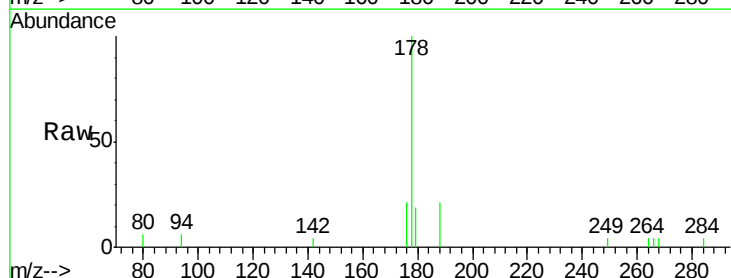
Tgt Ion:178 Resp: 2663

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

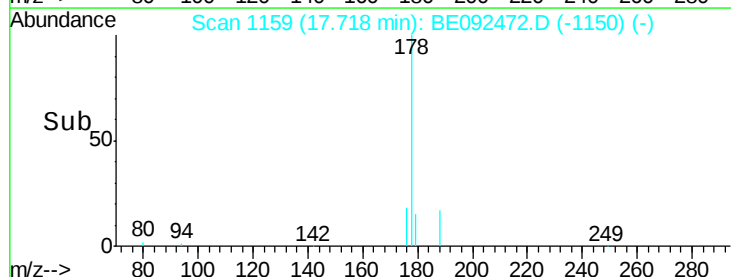
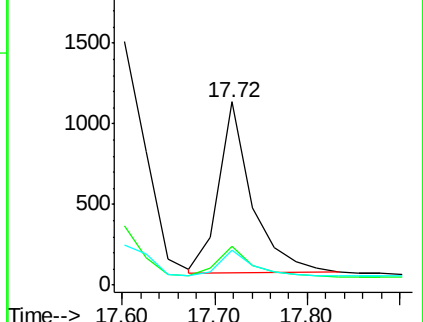
179 14.6 12.2 18.2

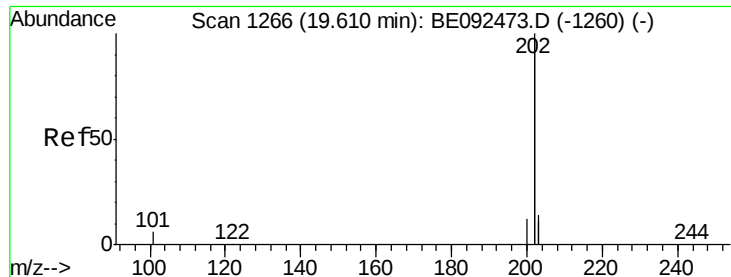


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.17 ng

RT: 19.63 min Scan# 1266

Delta R.T. 0.02 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

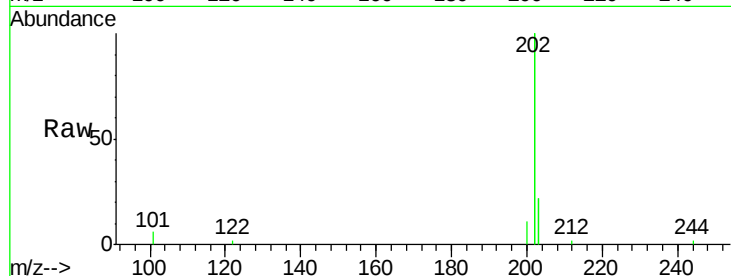
Tot Ion:202 Resp: 12853

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

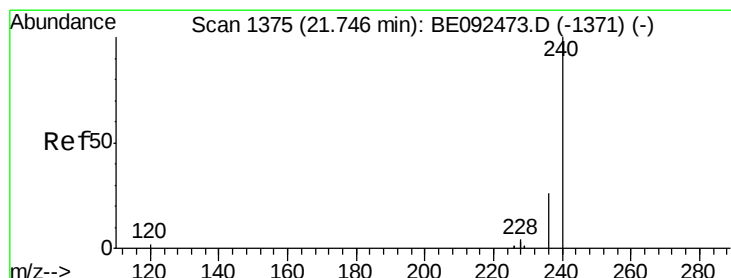
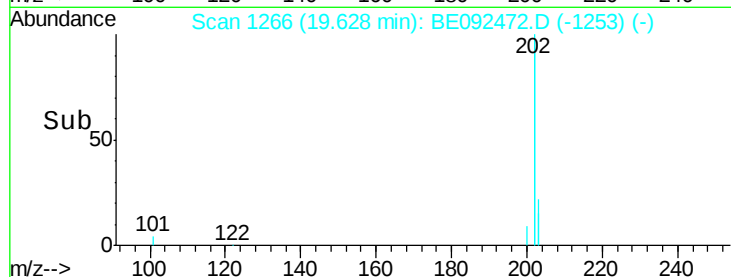
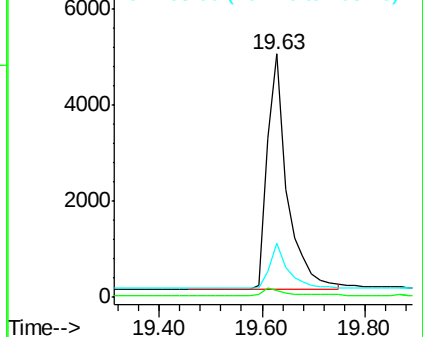
203 17.6 13.7 20.5



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# 1374

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

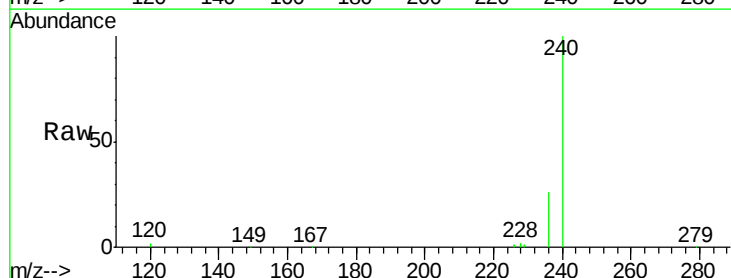
Tgt Ion:240 Resp: 87264

Ion Ratio Lower Upper

240 100

120 2.2 2.6 4.0#

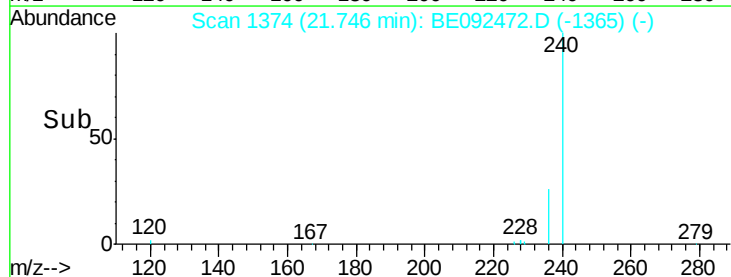
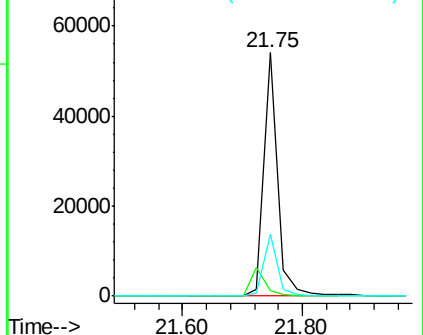
236 25.6 24.6 37.0

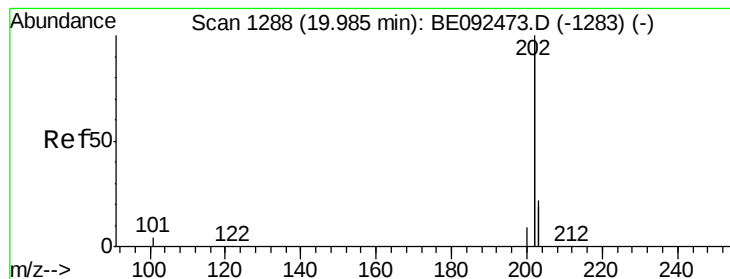


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.18 ng

RT: 19.99 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

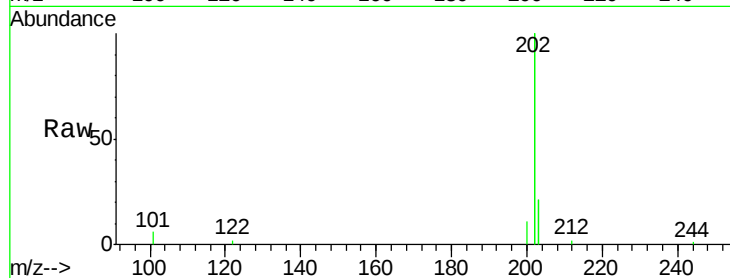
Tot Ion:202 Resp: 13712

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

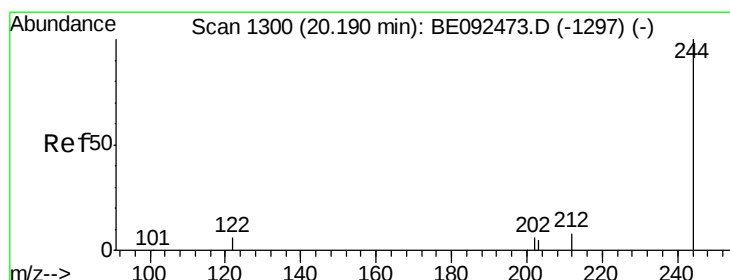
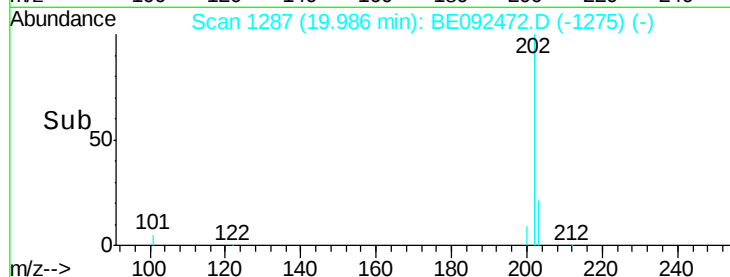
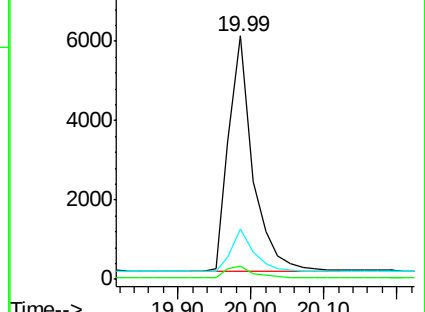
203 17.4 13.9 20.9



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: 0.17 ng

RT: 20.19 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

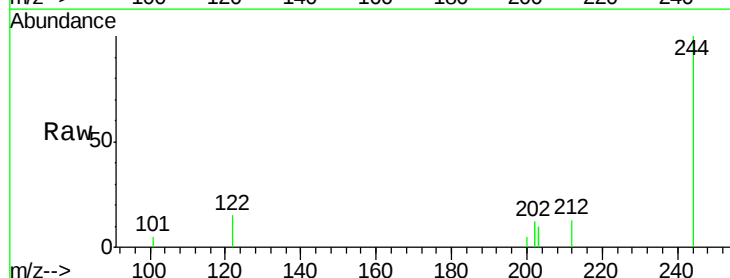
Tgt Ion:244 Resp: 1893

Ion Ratio Lower Upper

244 100

212 13.0 6.7 10.1#

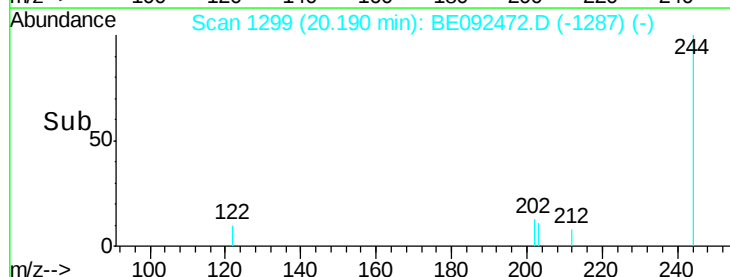
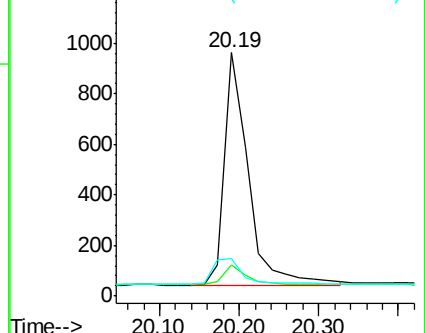
122 15.2 3.6 5.4#

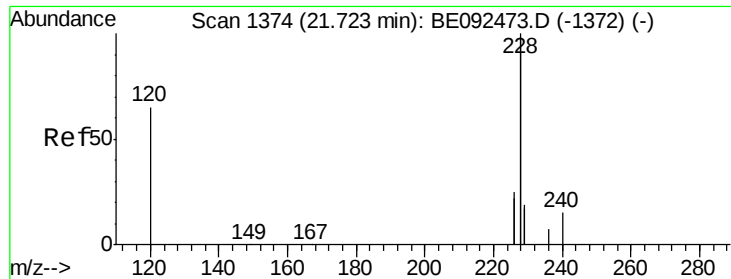


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

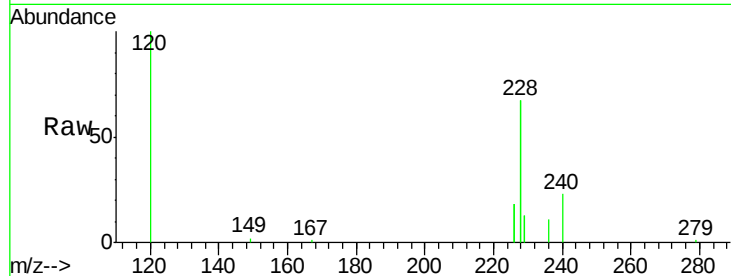




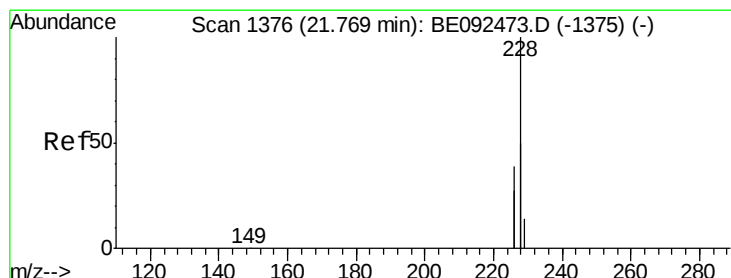
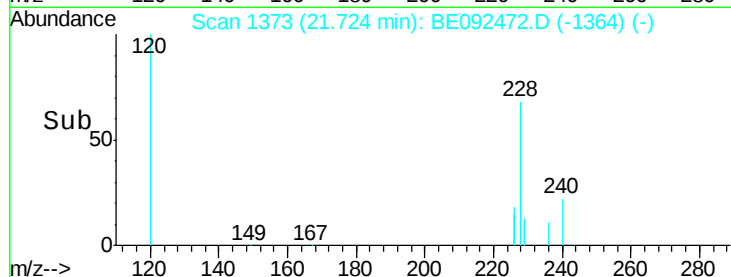
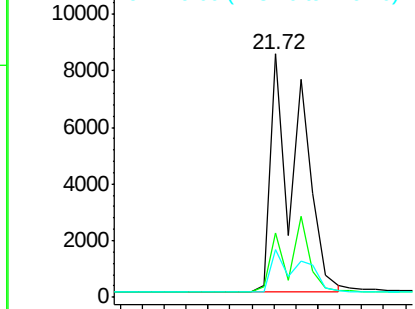
#27
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.72 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 30642
Ion Ratio Lower Upper
228 100
226 26.3 23.6 35.4
229 19.8 13.3 19.9

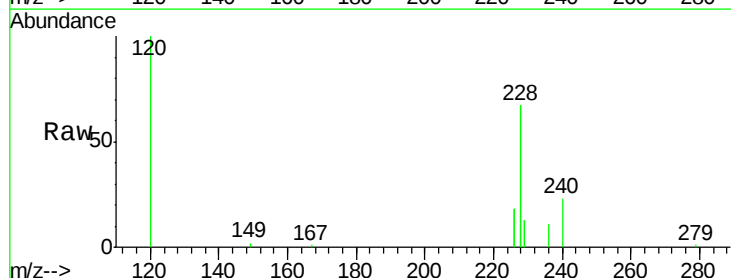


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

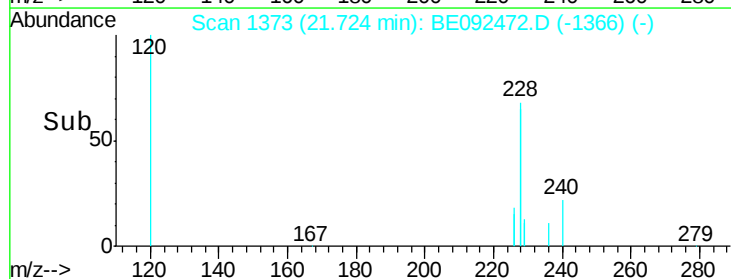
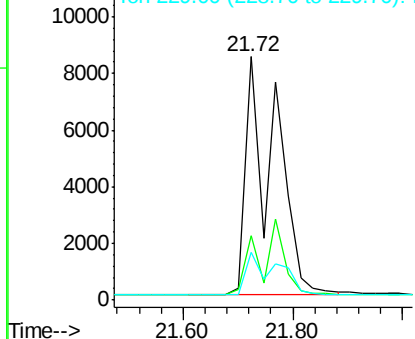


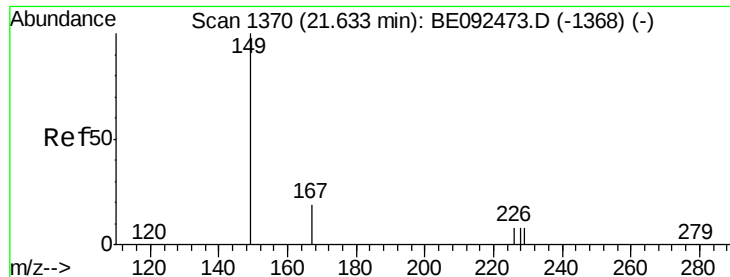
#28
Chrysene
Concen: 0.40 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:228 Resp: 30991
Ion Ratio Lower Upper
228 100
226 26.3 36.3 54.5#
229 19.8 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 21.63 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

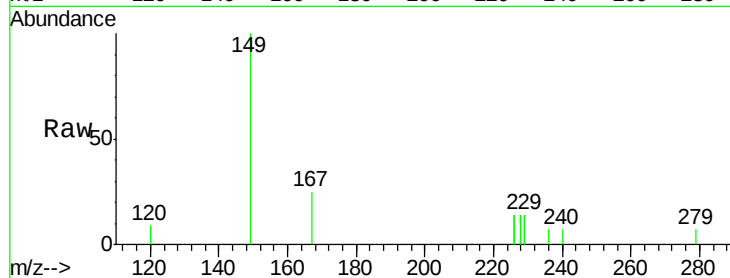
Tot Ion:149 Resp: 974

Ion Ratio Lower Upper

149 100

167 22.9 16.0 24.0

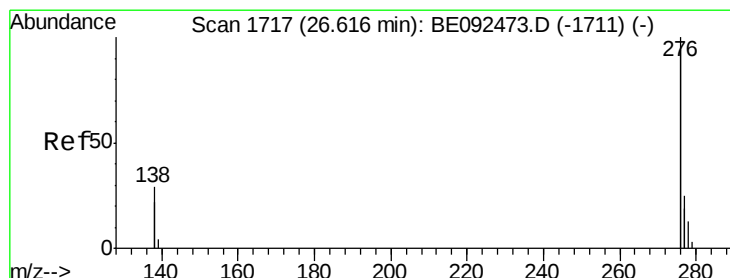
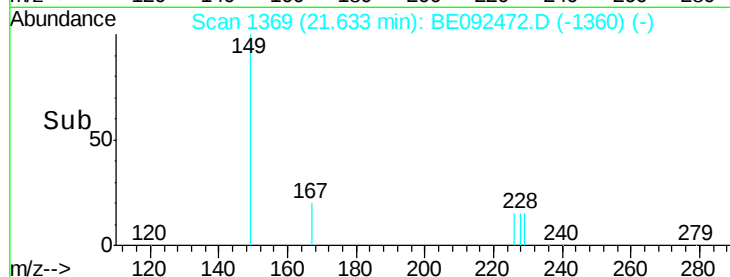
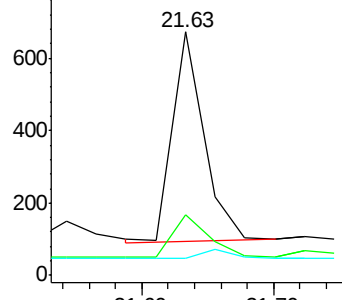
279 0.0 16.0 24.0#



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: 0.15 ng

RT: 26.63 min Scan# 1717

Delta R.T. 0.02 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

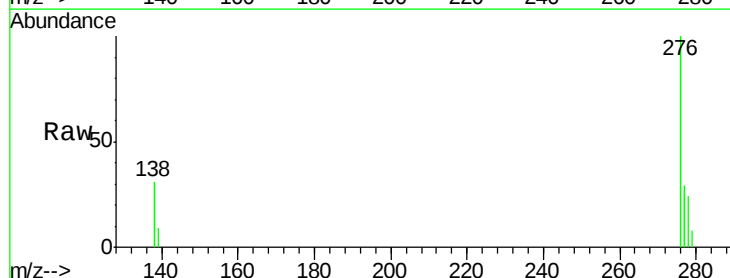
Tgt Ion:276 Resp: 12796

Ion Ratio Lower Upper

276 100

138 27.4 20.3 30.5

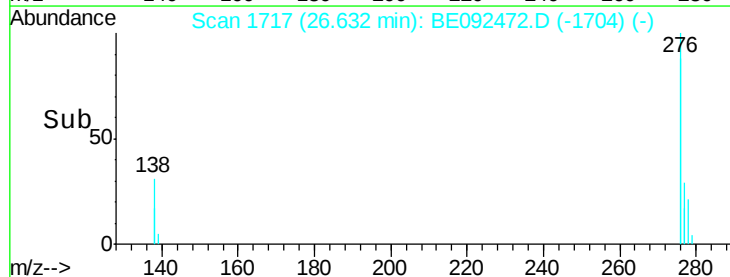
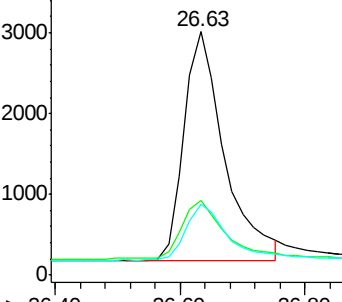
277 24.5 19.7 29.5

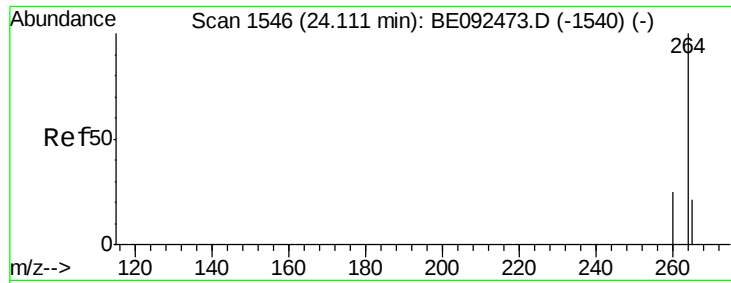


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

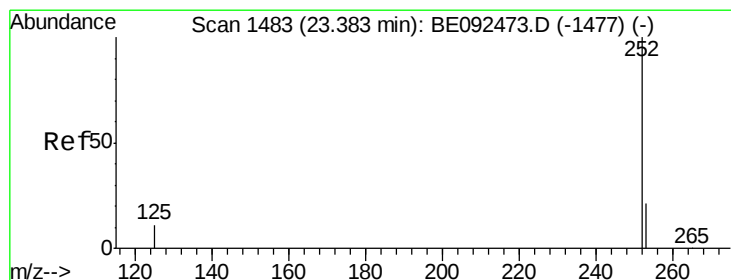
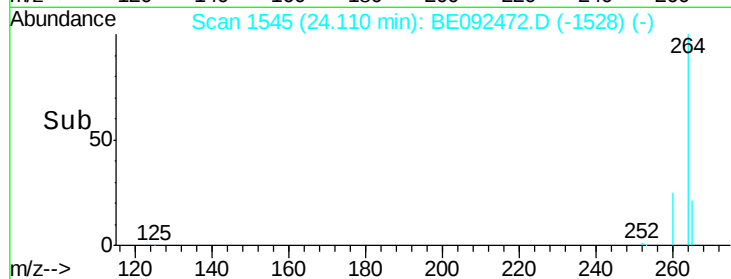
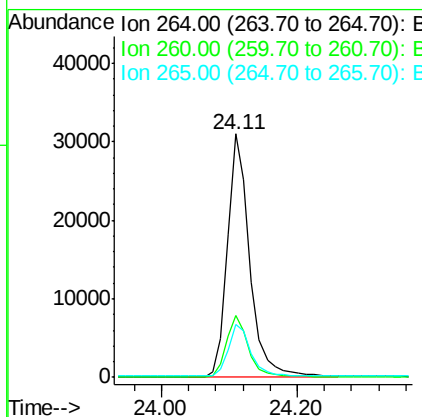
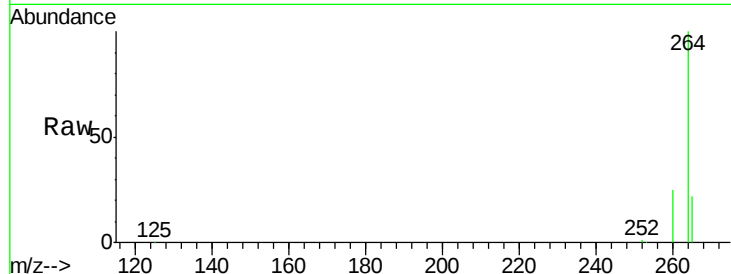




#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BE092472.D
 Acq: 25 Oct 2016 9:50

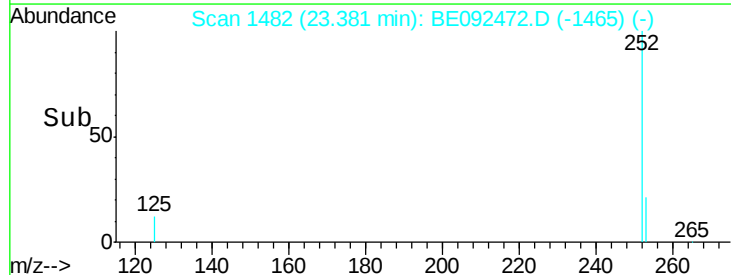
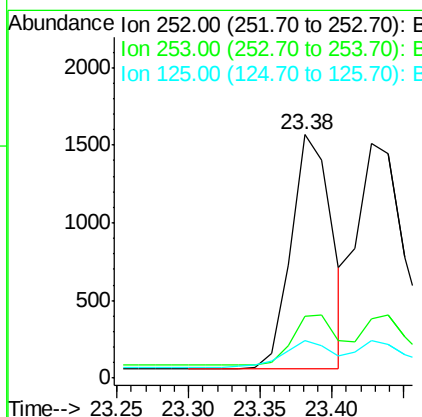
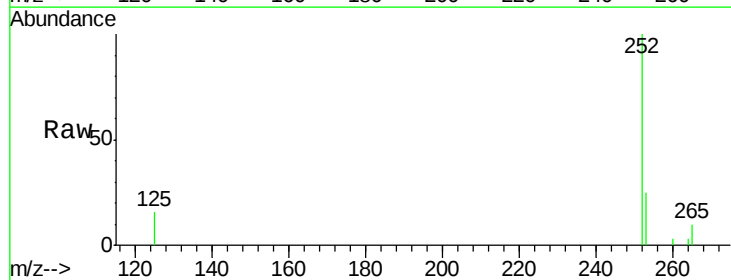
Instrument :
 BNA_E
 ClientSampleId :

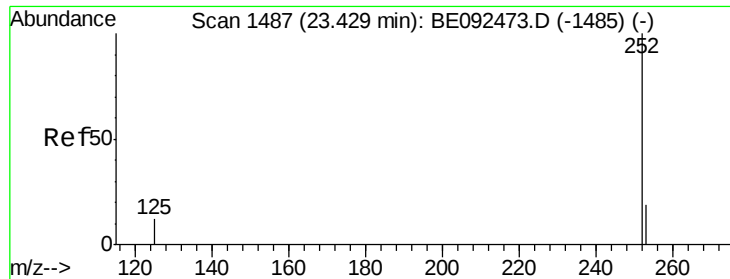
Tot Ion:264 Resp: 71504
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 21.6 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 0.17 ng
 RT: 23.38 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BE092472.D
 Acq: 25 Oct 2016 9:50

Tgt Ion:252 Resp: 2974
 Ion Ratio Lower Upper
 252 100
 253 25.4 18.7 28.1
 125 15.6 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 23.43 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

Instrument :

BNA_E

ClientSampleId :

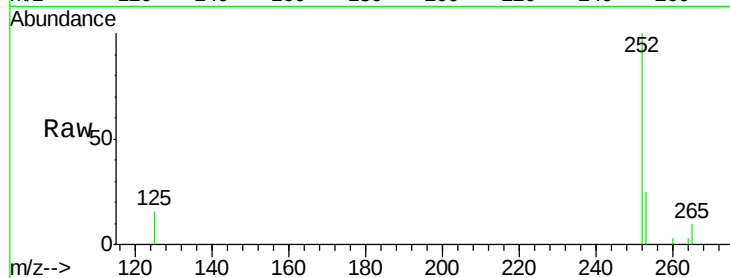
Tot Ion:252 Resp: 3598

Ion Ratio Lower Upper

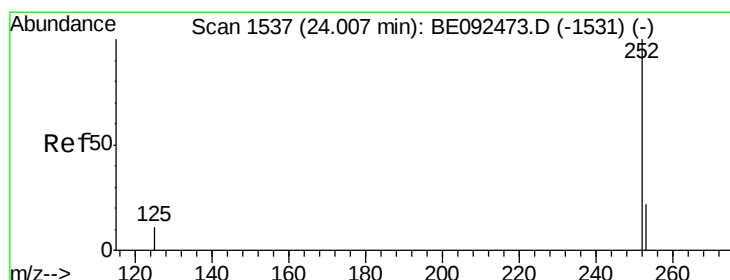
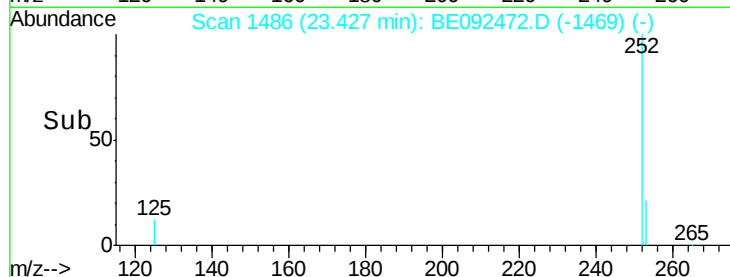
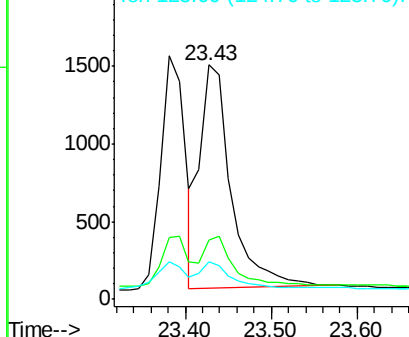
252 100

253 25.3 20.3 30.5

125 15.8 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: 0.17 ng

RT: 24.01 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE092472.D

Acq: 25 Oct 2016 9:50

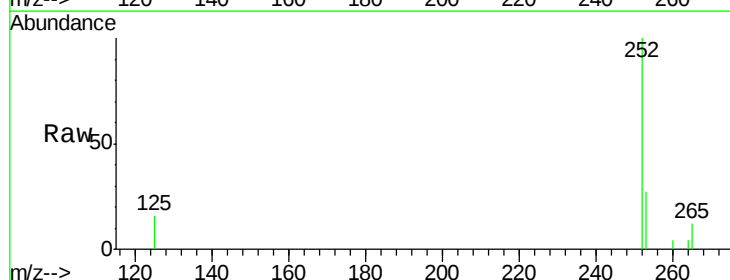
Tgt Ion:252 Resp: 2871

Ion Ratio Lower Upper

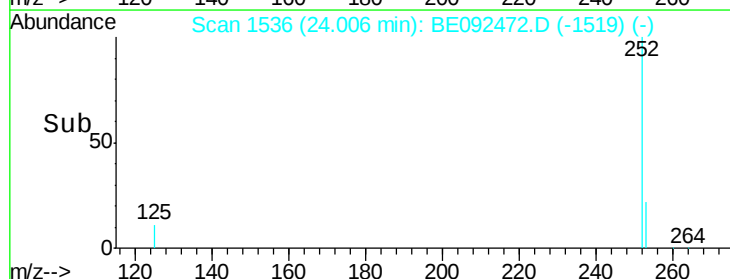
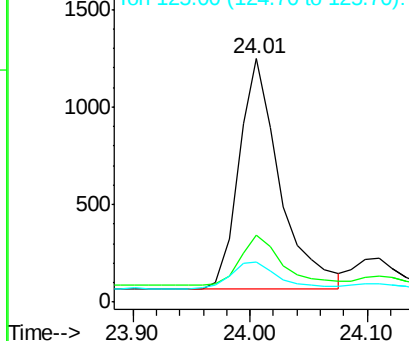
252 100

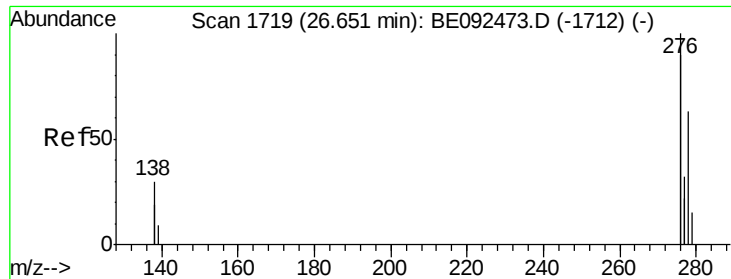
253 27.4 19.0 28.6

125 16.4 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

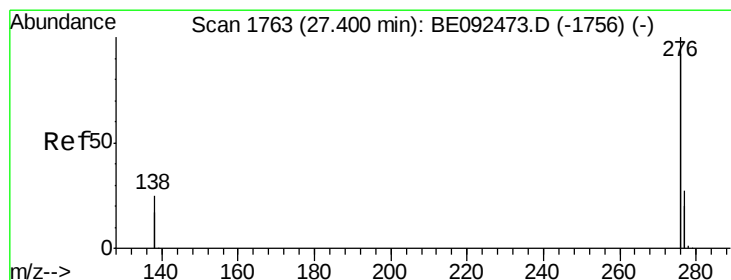
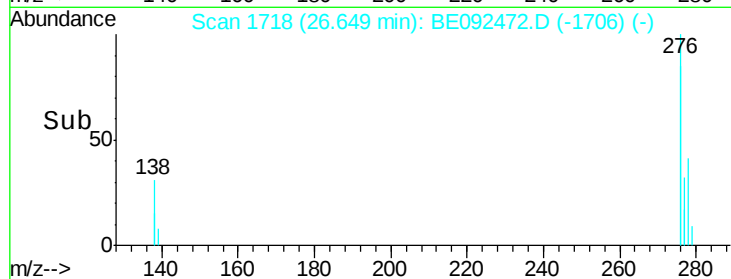
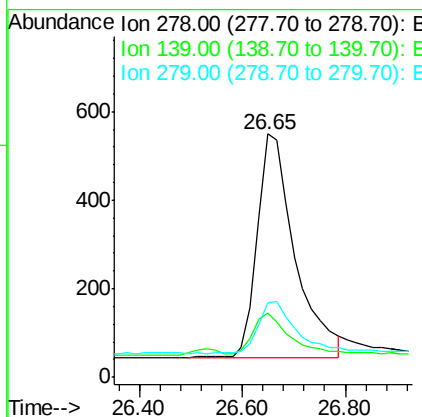
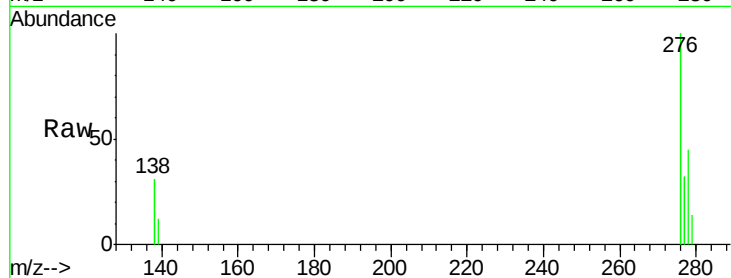




#35
Dibenzo(a,h)anthracene
Concen: 0.16 ng
RT: 26.65 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2533
Ion Ratio Lower Upper
278 100
139 26.4 13.8 20.8#
279 30.4 21.4 32.2



#36
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.40 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BE092472.D
Acq: 25 Oct 2016 9:50

Tgt Ion:276 Resp: 11806
Ion Ratio Lower Upper
276 100
277 28.2 19.8 29.8
138 28.5 19.8 29.6

