

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
 Data File : BE092649.D
 Acq On : 16 Jan 2017 13:17
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 16 15:34:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 15:00:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11932	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	56677	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	37103	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	81117	5.00	ng	0.00
24) Chrysene-d12	21.72	240	86920	5.00	ng	0.00
31) Perylene-d12	24.06	264	98450	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	459	0.25	ng	0.00
5) Phenol-d6	7.34	99	572	0.22	ng	0.00
8) Nitrobenzene-d5	9.20	82	68	0.02	ng	-0.14
13) 2,4,6-Tribromophenol	16.30	330	150	0.18	ng	0.00
14) 2-Fluorobiphenyl	13.42	172	1638	0.18	ng	0.00
26) Terphenyl-d14	20.16	244	2144	0.20	ng	0.00

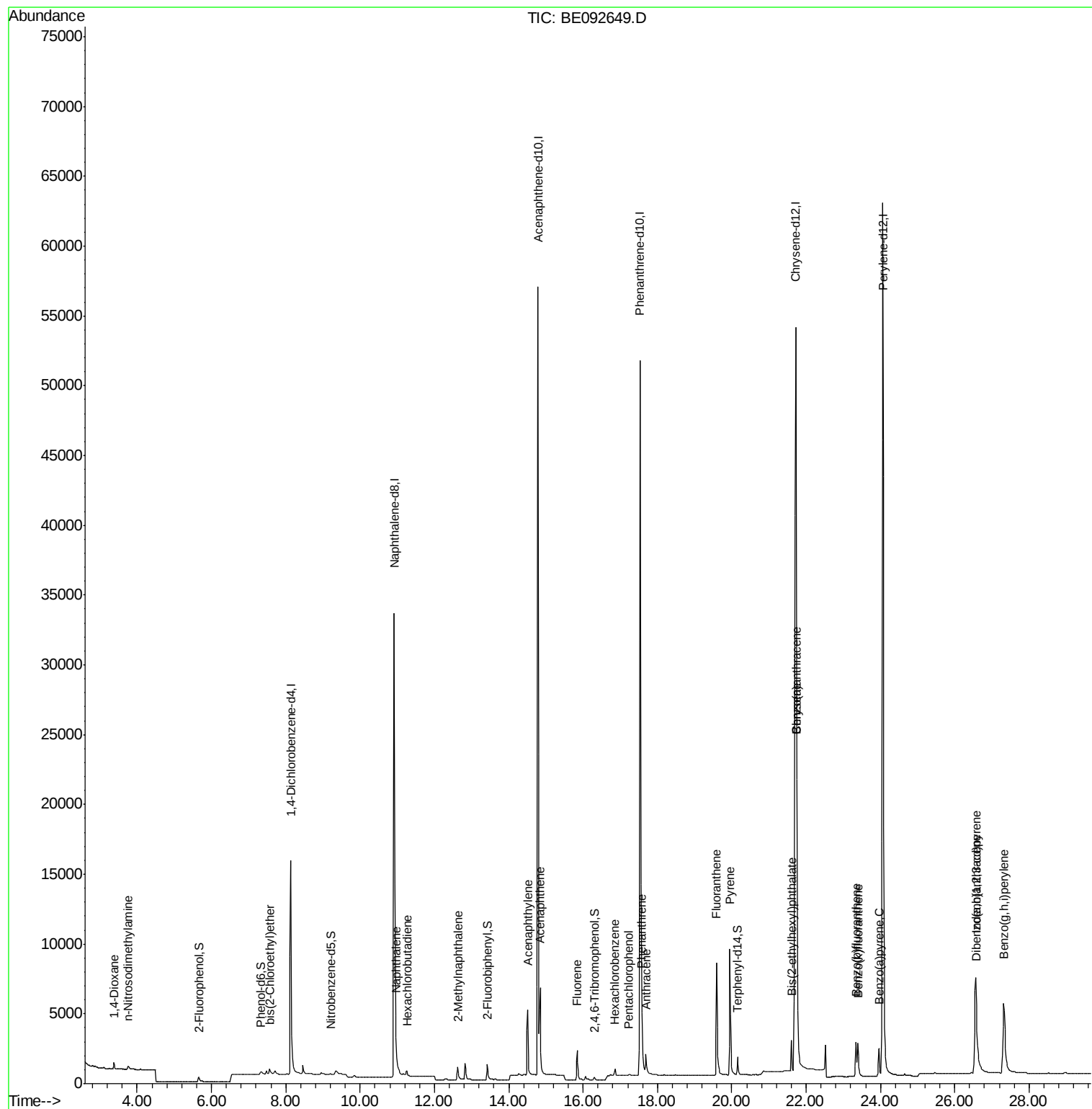
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	438	0.25	ng	# 84
3) n-Nitrosodimethylamine	3.76	42	361	0.25	ng	# 94
6) bis(2-Chloroethyl)ether	7.57	93	639	0.24	ng	# 81
9) Naphthalene	10.97	128	2172	0.19	ng	94
10) Hexachlorobutadiene	11.26	225	318	0.18	ng	100
11) 2-Methylnaphthalene	12.62	142	1273	0.17	ng	97
15) Acenaphthylene	14.51	152	8744	0.17	ng	99
16) Acenaphthene	14.85	154	1601	0.19	ng	93
17) Fluorene	15.84	166	1829	0.18	ng	100
19) Hexachlorobenzene	16.87	284	1687	0.49	ng	# 53
20) Pentachlorophenol	17.23	266	142	0.24	ng	91
21) Phenanthrene	17.58	178	3395	0.17	ng	97
22) Anthracene	17.69	178	2833	0.15	ng	98
23) Fluoranthene	19.59	202	14199	0.16	ng	99
25) Pyrene	19.95	202	14847	0.19	ng	99
27) Benzo(a)anthracene	21.75	228	34379	0.44	ng	96
28) Chrysene	21.75	228	34529	0.38	ng	# 76
29) Bis(2-ethylhexyl)phthalate	21.61	149	2502	0.30	ng	# 72
30) Indeno(1,2,3-cd)pyrene	26.57	276	18170	0.22	ng	99
32) Benzo(b)fluoranthene	23.35	252	4102	0.18	ng	94
33) Benzo(k)fluoranthene	23.39	252	4165	0.17	ng	98
34) Benzo(a)pyrene	23.96	252	3780	0.17	ng	94
35) Dibenzo(a,h)anthracene	26.58	278	3645	0.18	ng	# 93
36) Benzo(g,h,i)perylene	27.31	276	15979	0.18	ng	95

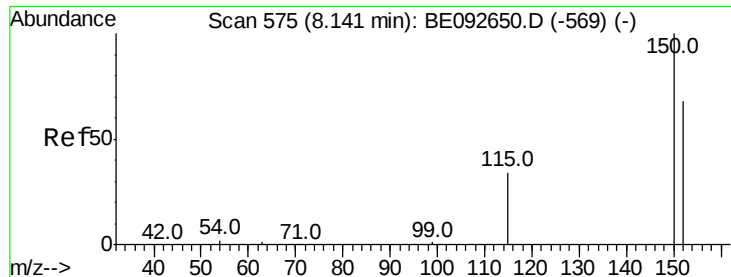
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampled :

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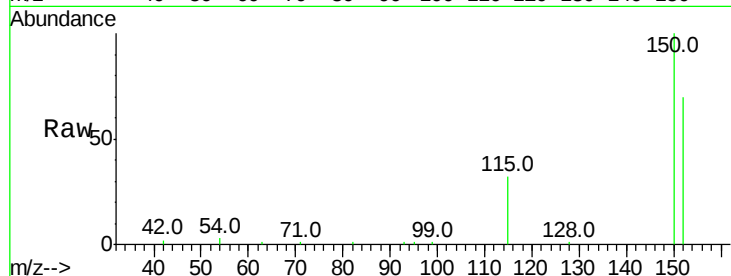


#1

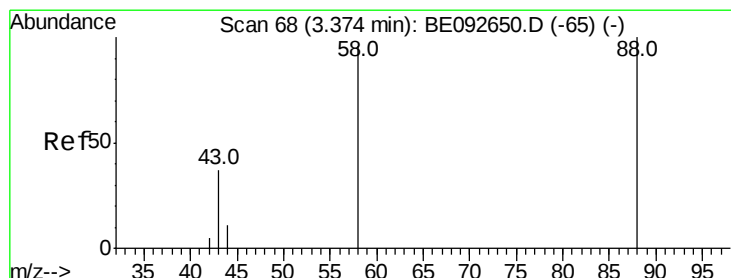
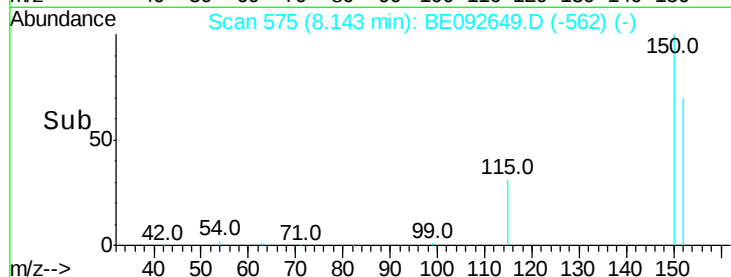
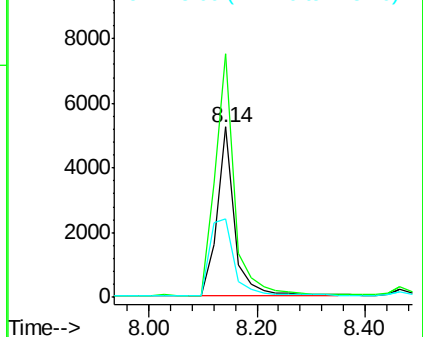
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 11932
Ion Ratio Lower Upper
152 100
150 143.1 106.0 159.0
115 45.8 31.2 46.8



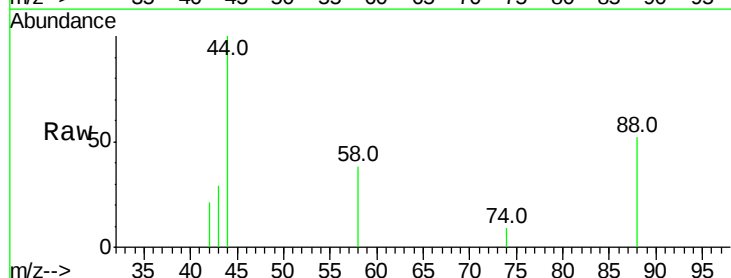
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



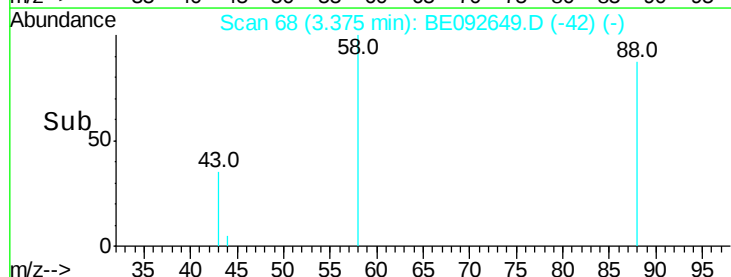
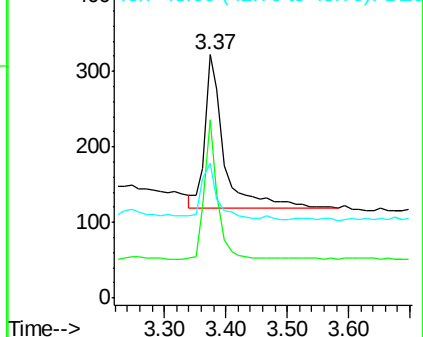
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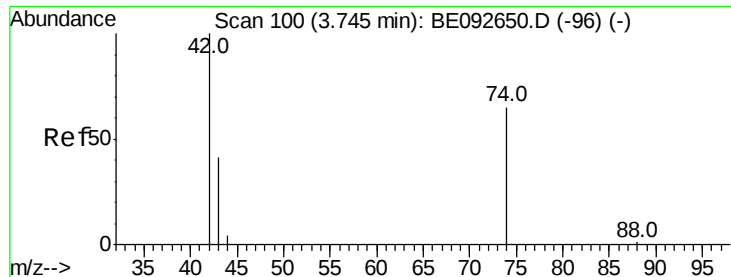
1,4-Dioxane
Concen: 0.25 ng
RT: 3.37 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion: 88 Resp: 438
Ion Ratio Lower Upper
88 100
58 63.5 63.6 95.4#
43 28.5 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



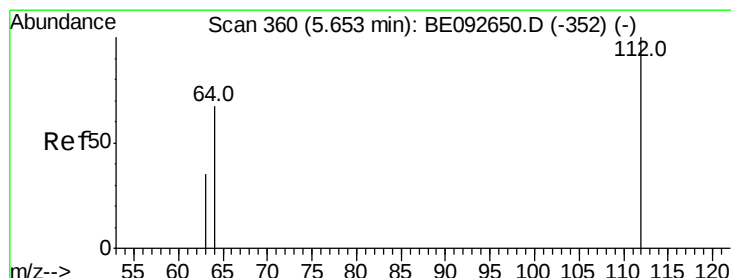
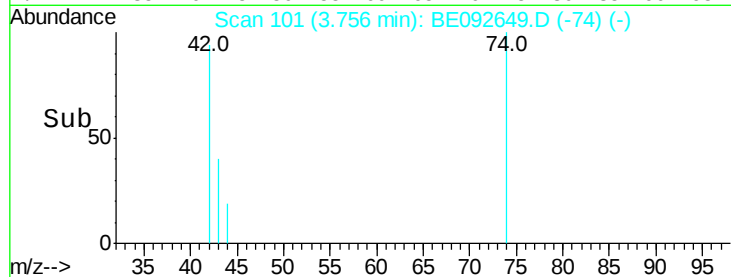
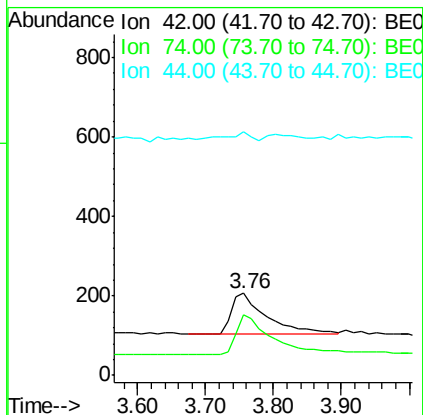
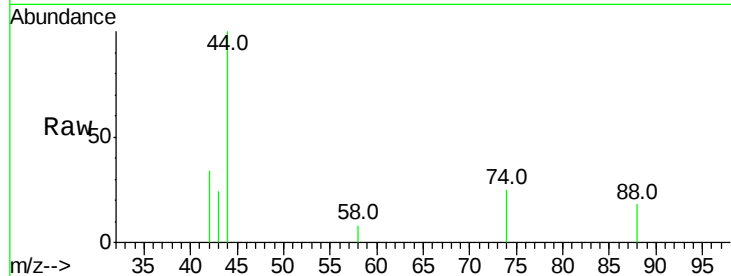


#3

n-Nitrosodimethylamine
Concen: 0.25 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

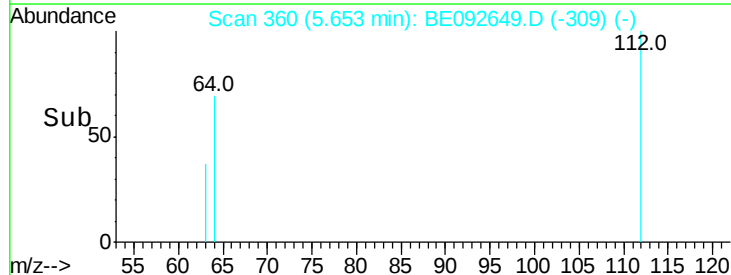
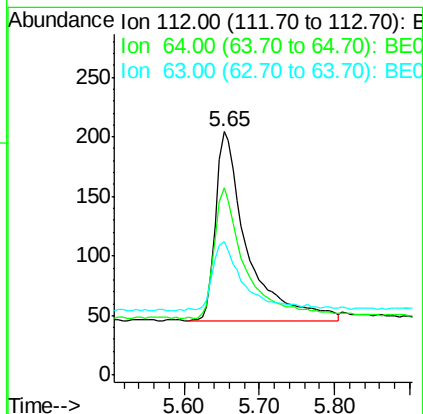
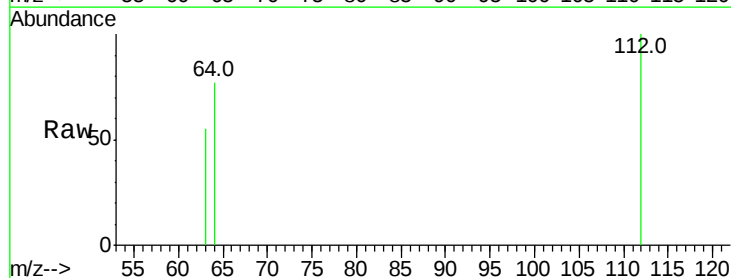
Tot Ion: 42 Resp: 361
Ion Ratio Lower Upper
42 100
74 112.5 86.0 129.0
44 12.7 5.1 7.7#

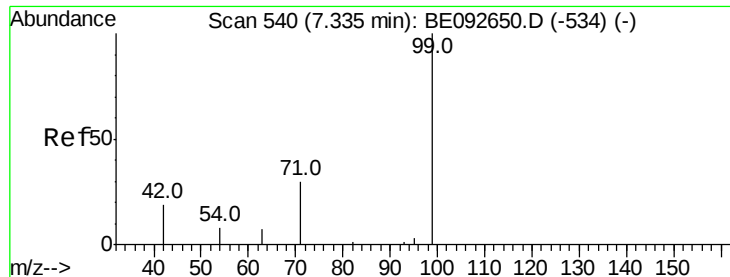


#4

2-Fluorophenol
Concen: 0.25 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion: 112 Resp: 459
Ion Ratio Lower Upper
112 100
64 69.7 53.5 80.3
63 36.2 27.9 41.9





#5

Phenol-d6

Concen: 0.22 ng

RT: 7.34 min Scan# 540

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampled :

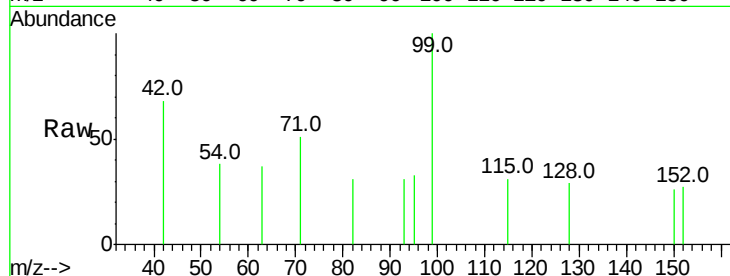
Tot Ion: 99 Resp: 572

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

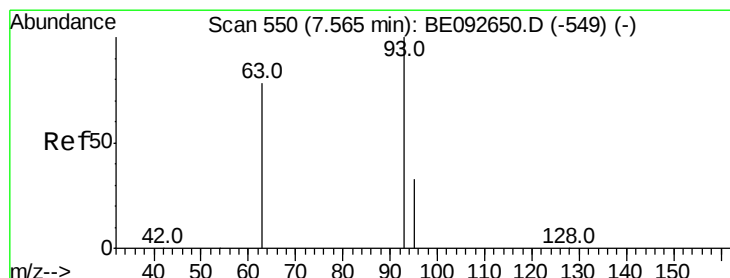
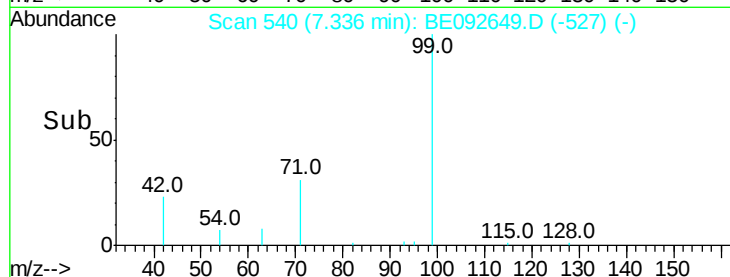
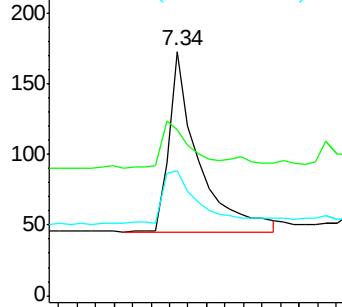
71 38.6 30.6 45.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.24 ng

RT: 7.57 min Scan# 550

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

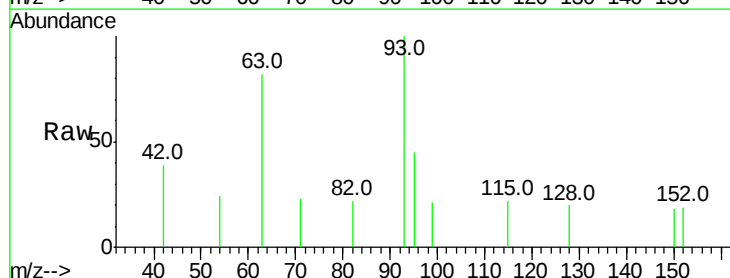
Tgt Ion: 93 Resp: 639

Ion Ratio Lower Upper

93 100

63 66.4 71.6 107.4#

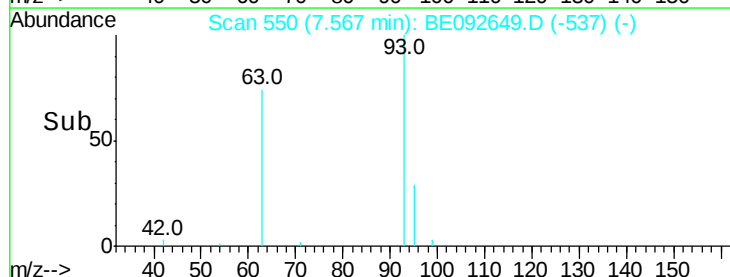
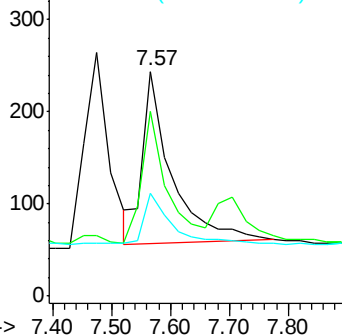
95 29.9 24.0 36.0

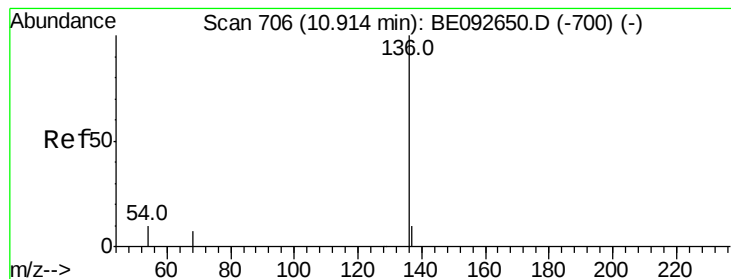


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 56677

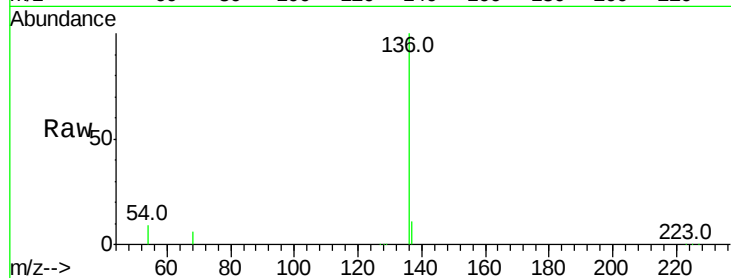
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 9.1 9.6 14.4#

68 6.4 6.7 10.1#

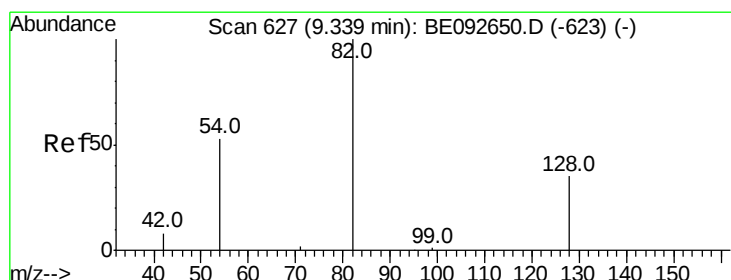
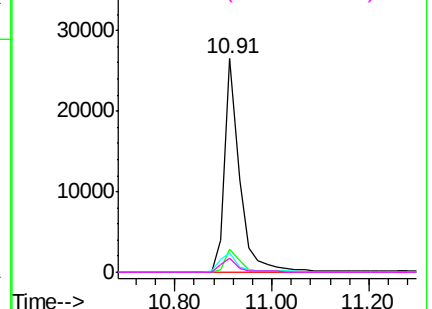
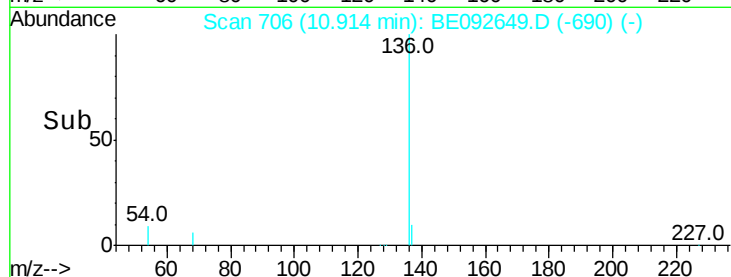


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.02 ng

RT: 9.20 min Scan# 621

Delta R.T. -0.14 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

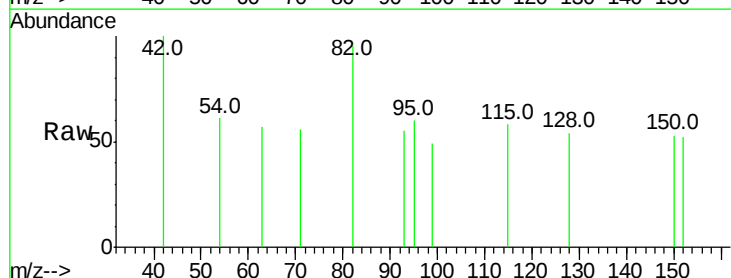
Tgt Ion: 82 Resp: 68

Ion Ratio Lower Upper

82 100

128 56.7 39.0 58.4

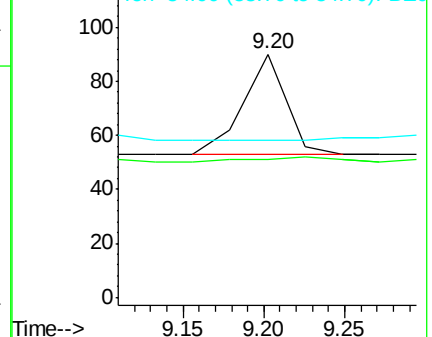
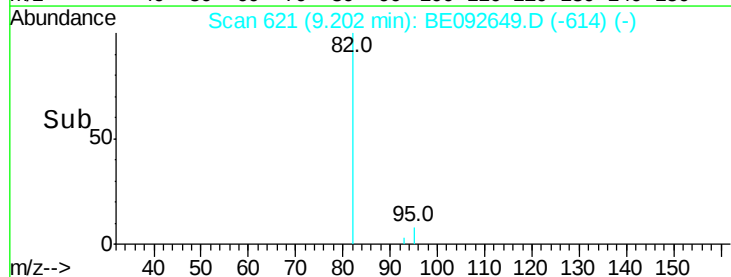
54 64.4 44.8 67.2



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: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampled :

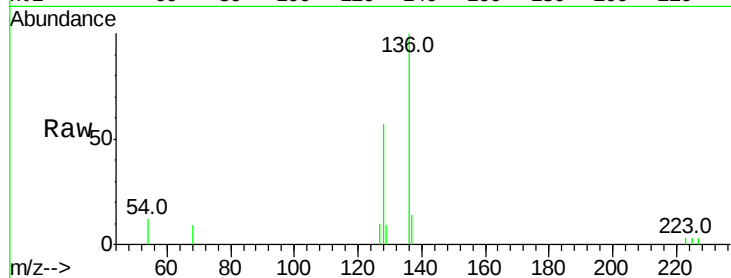
Tot Ion:128 Resp: 2172

Ion Ratio Lower Upper

128 100

129 16.5 11.2 16.8

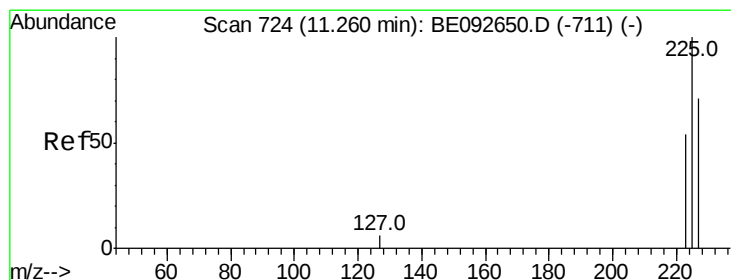
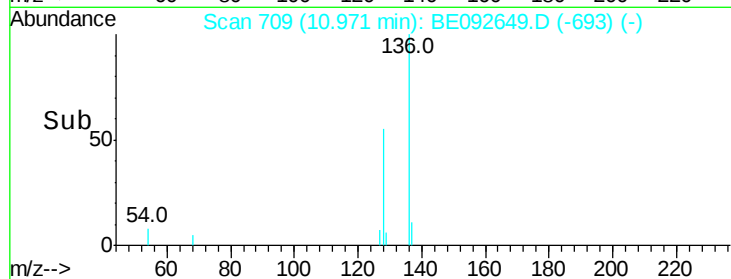
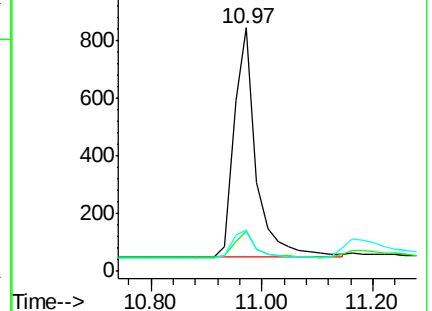
127 16.9 11.6 17.4



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: 0.18 ng

RT: 11.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

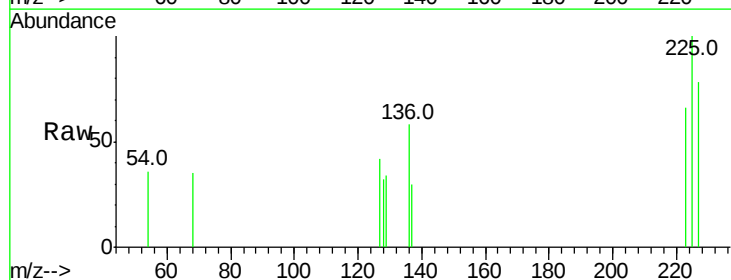
Tgt Ion:225 Resp: 318

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

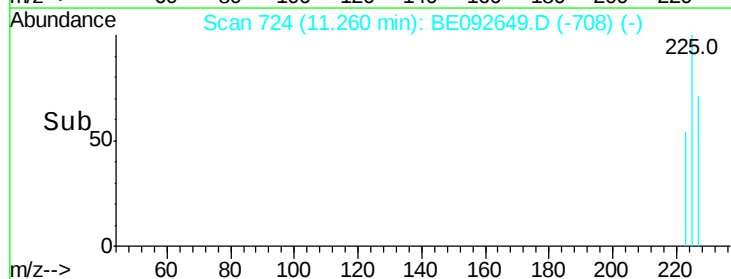
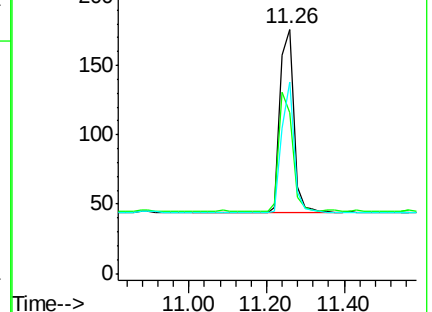
227 64.2 51.4 77.0

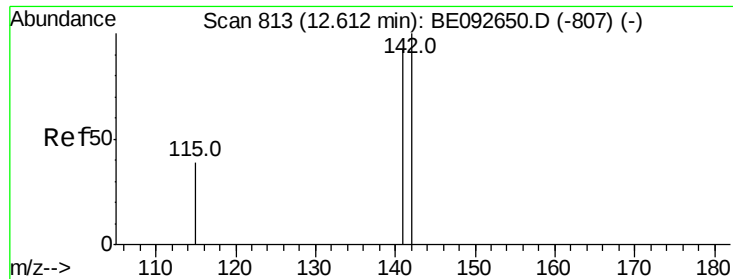


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

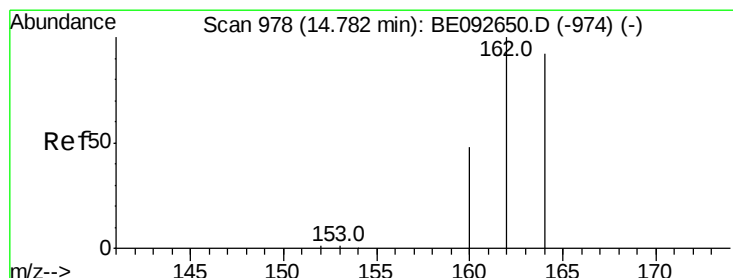
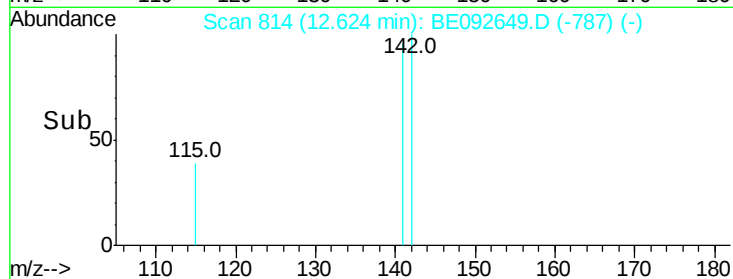
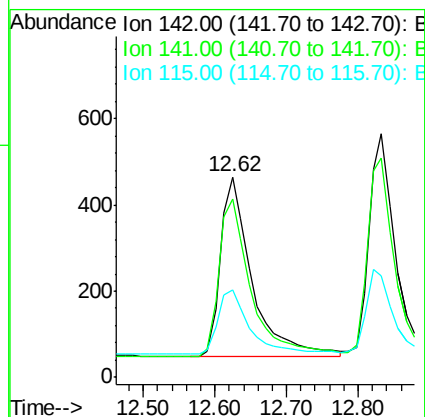
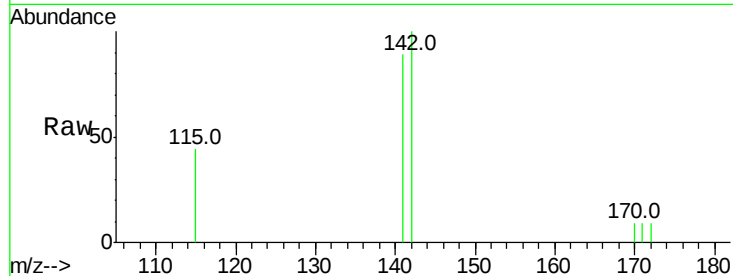




#11
2-Methylnaphthalene
Concen: 0.17 ng
RT: 12.62 min Scan# 814
Delta R.T. 0.01 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

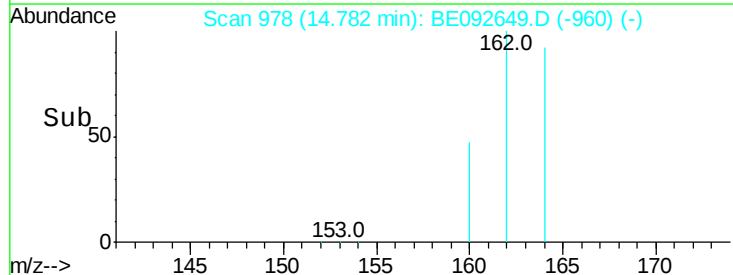
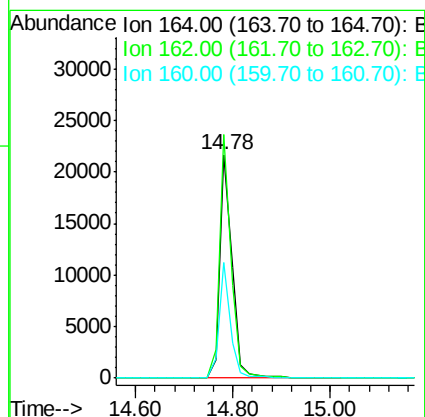
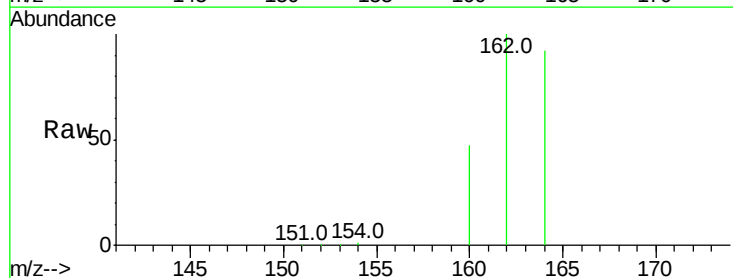
Instrument :
BNA_E
ClientSampleId :

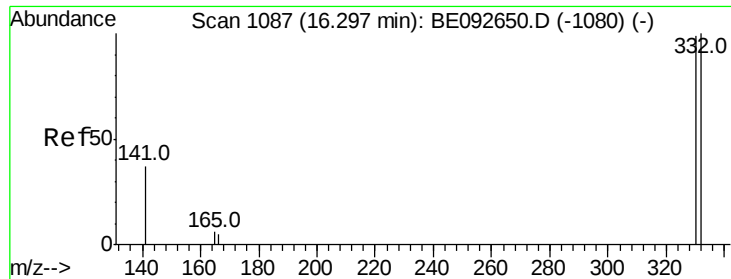
Tot Ion:142 Resp: 1273
Ion Ratio Lower Upper
142 100
141 89.0 73.7 110.5
115 43.7 34.0 51.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:164 Resp: 37103
Ion Ratio Lower Upper
164 100
162 108.9 71.4 107.0#
160 51.7 27.4 41.2#

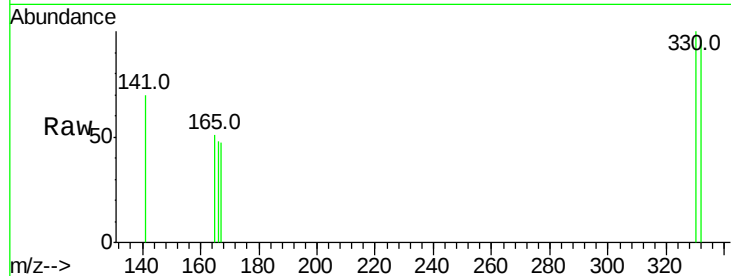




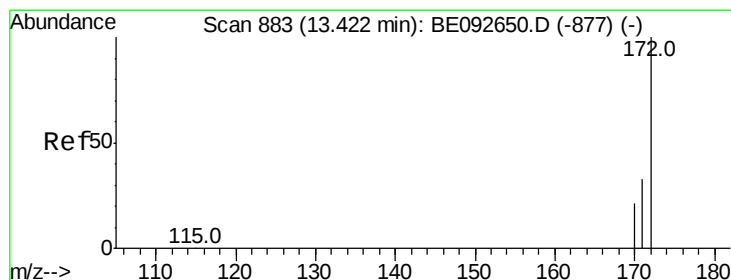
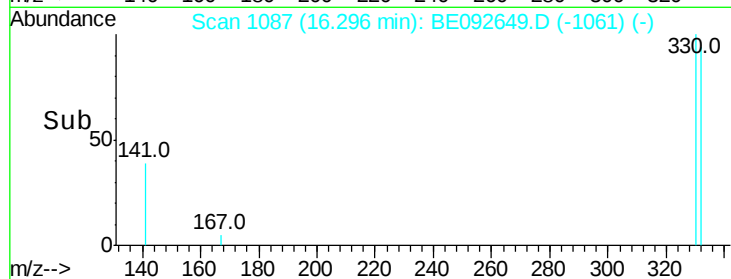
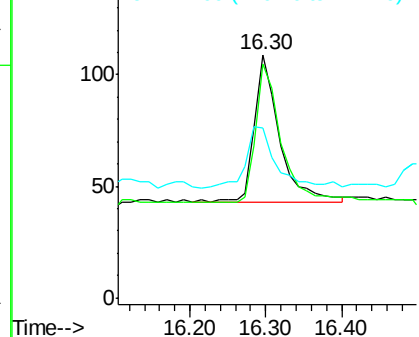
#13
 2,4,6-Tribromophenol
 Concen: 0.18 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BE092649.D
 Acq: 16 Jan 2017 13:17

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 150
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 51.3 31.0 46.6#

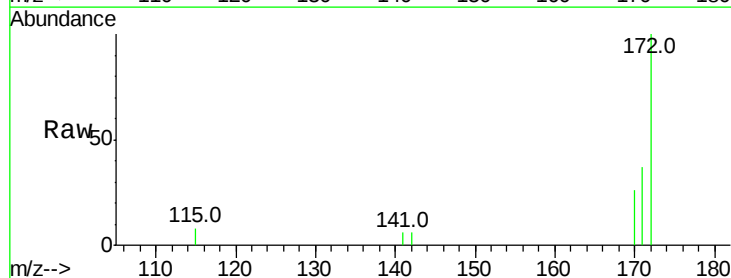


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

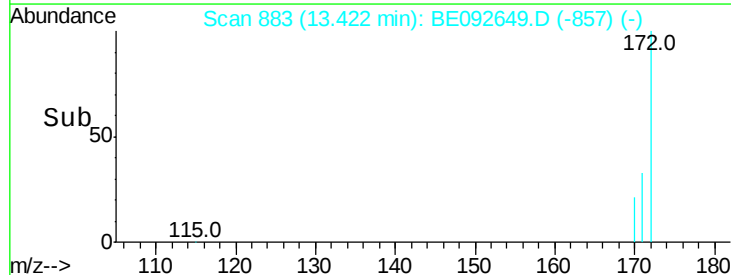
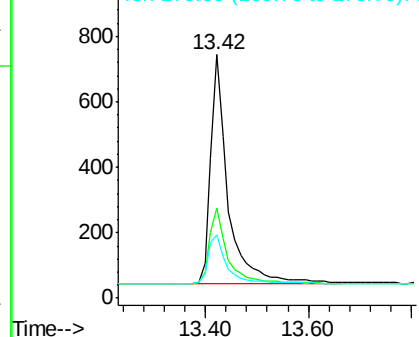


#14
 2-Fluorobiphenyl
 Concen: 0.18 ng
 RT: 13.42 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BE092649.D
 Acq: 16 Jan 2017 13:17

Tgt Ion:172 Resp: 1638
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.1 45.1
 170 25.8 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: 0.17 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampleId :

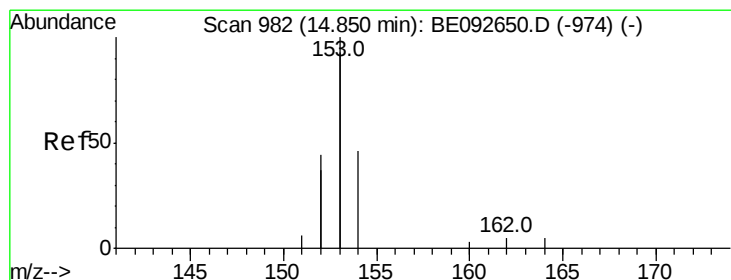
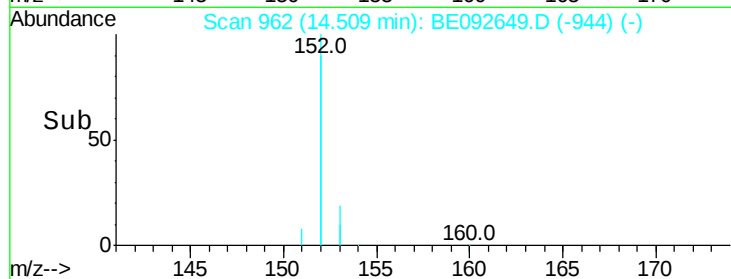
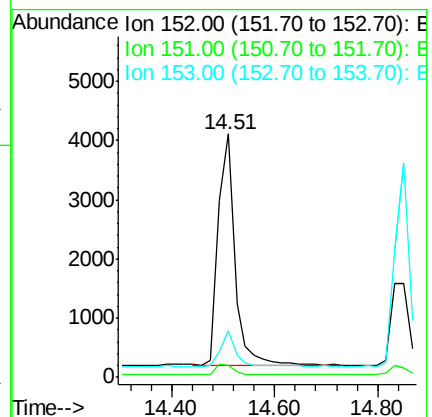
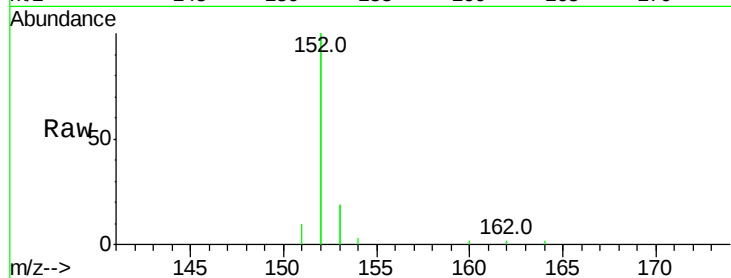
Tot Ion:152 Resp: 8744

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.4 10.4 15.6



#16

Acenaphthene

Concen: 0.19 ng

RT: 14.85 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

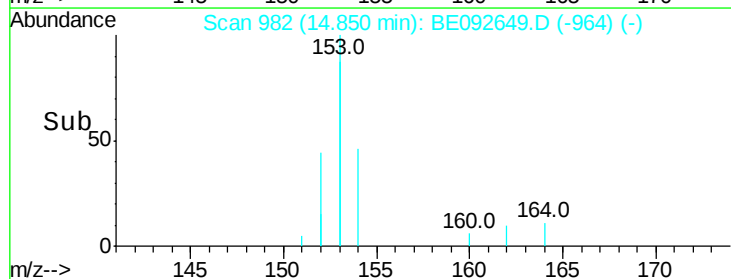
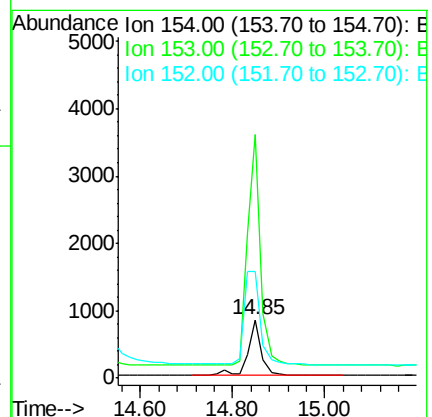
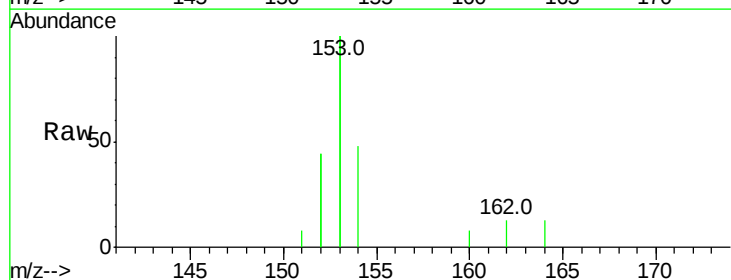
Tgt Ion:154 Resp: 1601

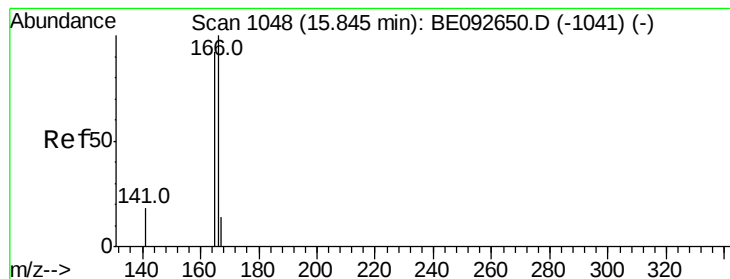
Ion Ratio Lower Upper

154 100

153 415.4 350.8 526.2

152 211.9 171.1 256.7





#17

Fluorene

Concen: 0.18 ng

RT: 15.84 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampleId :

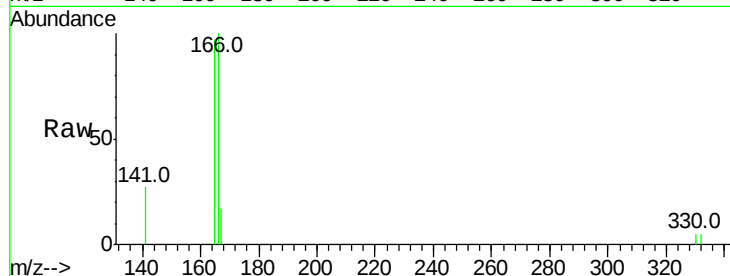
Tot Ion:166 Resp: 1829

Ion Ratio Lower Upper

166 100

165 98.0 78.2 117.4

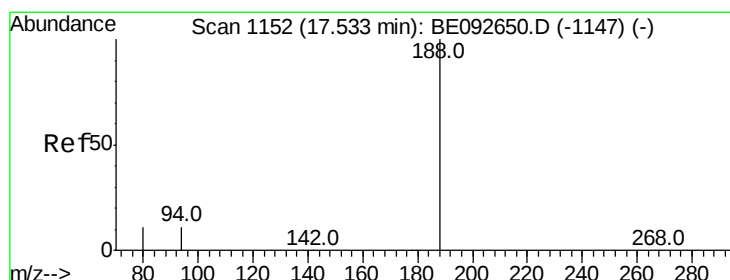
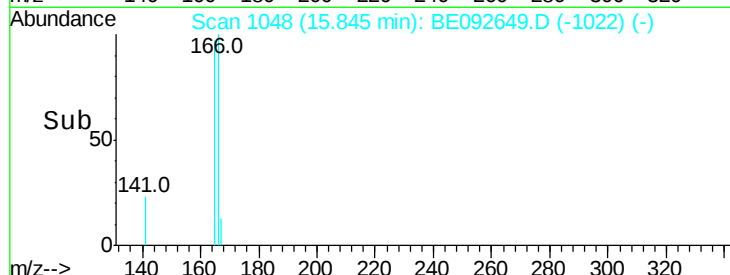
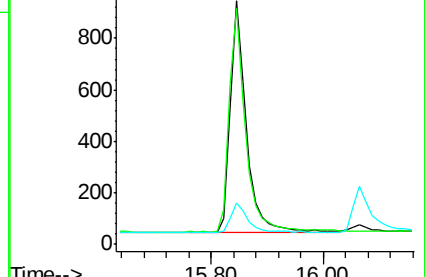
167 13.5 11.0 16.4



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: 17.53 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

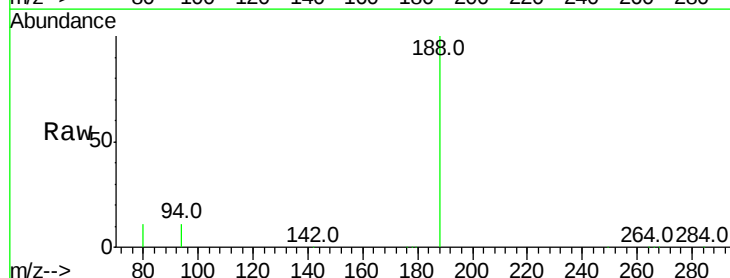
Tgt Ion:188 Resp: 81117

Ion Ratio Lower Upper

188 100

94 11.3 3.2 4.8#

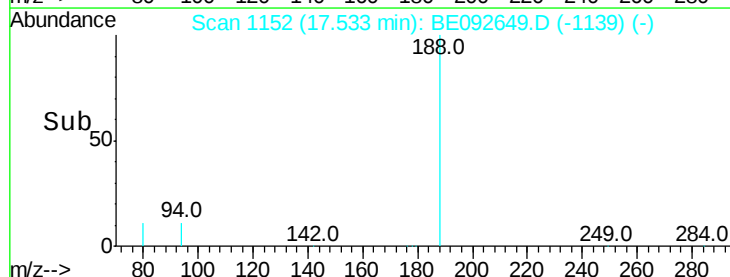
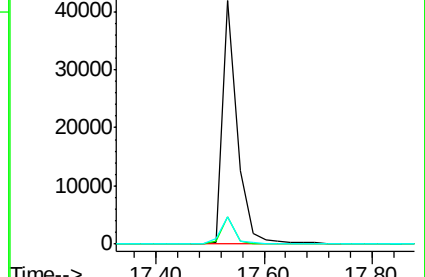
80 11.1 2.6 3.8#



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

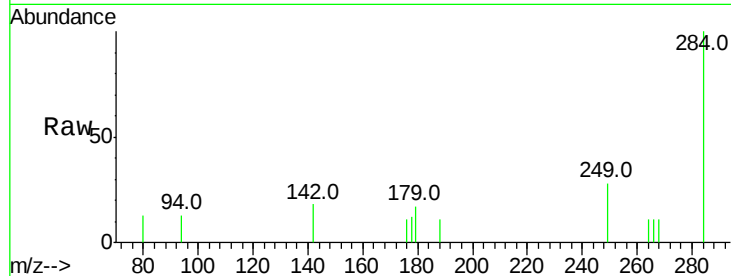




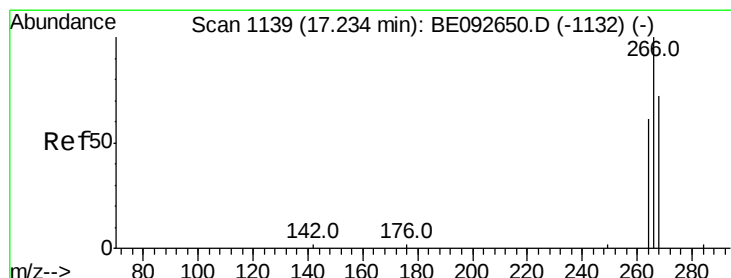
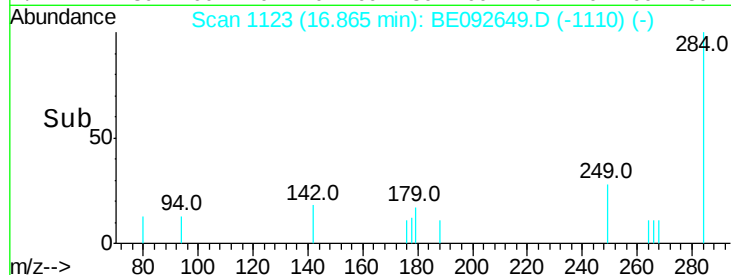
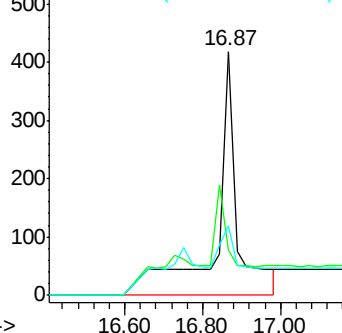
#19
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 1687
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 15.9 27.9 41.9#

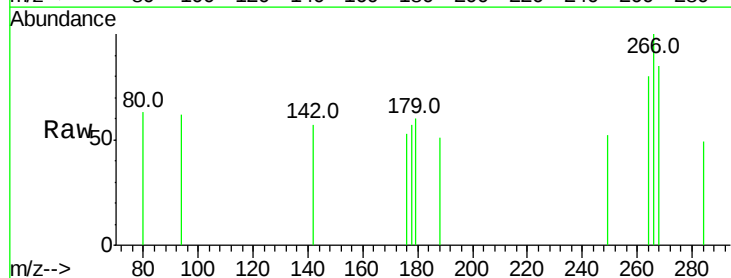


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

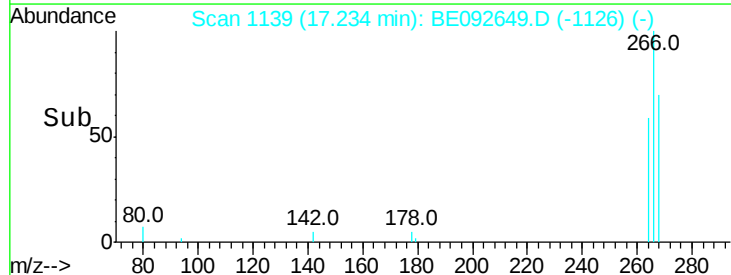
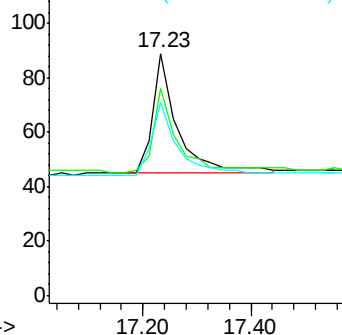


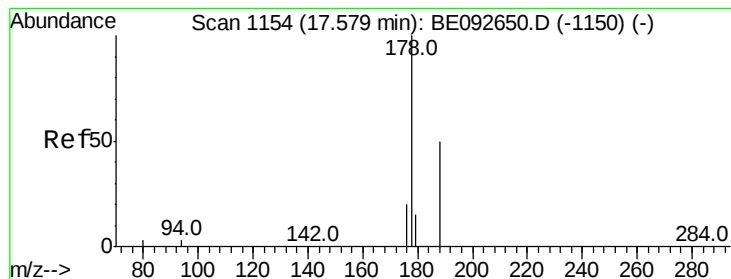
#20
Pentachlorophenol
Concen: 0.24 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:266 Resp: 142
Ion Ratio Lower Upper
266 100
268 85.4 62.5 93.7
264 79.8 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: 0.17 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampleId :

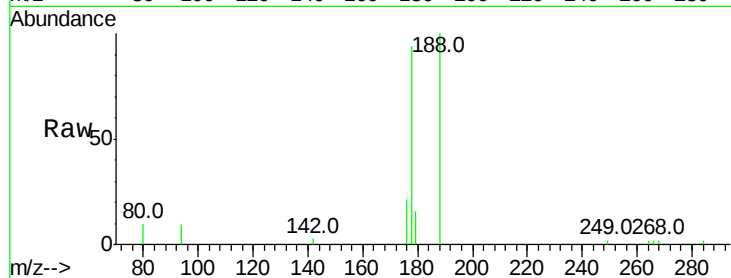
Tot Ion:178 Resp: 3395

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

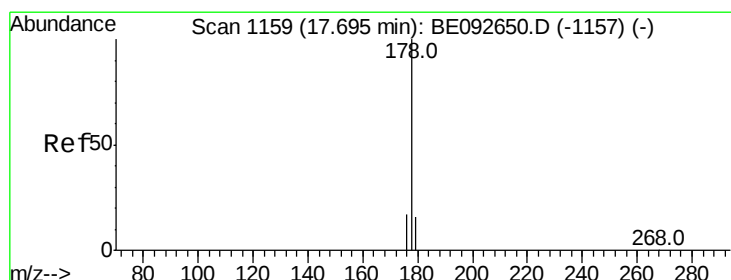
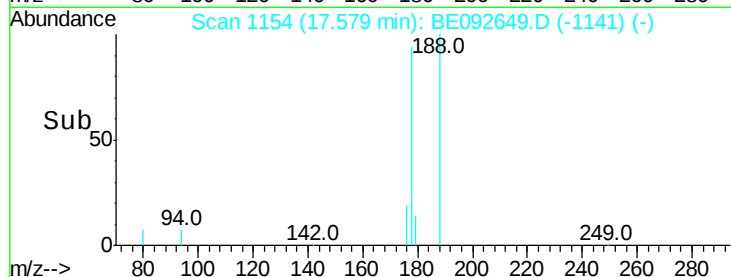
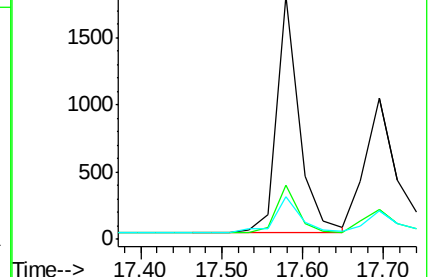
179 17.1 16.0 24.0



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: 0.15 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

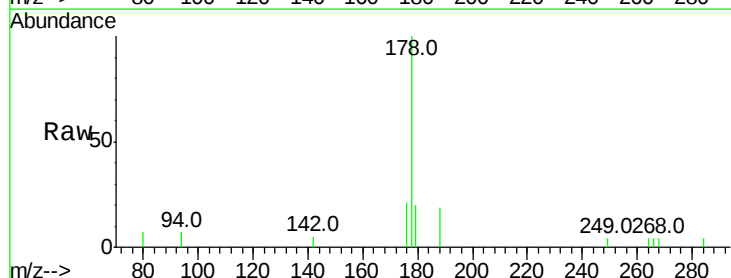
Tgt Ion:178 Resp: 2833

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

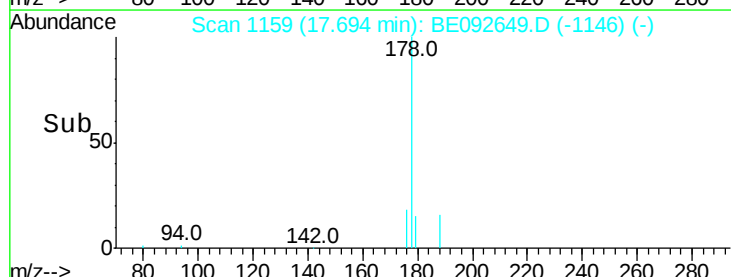
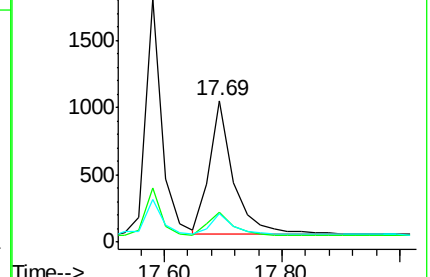
179 16.4 12.2 18.2

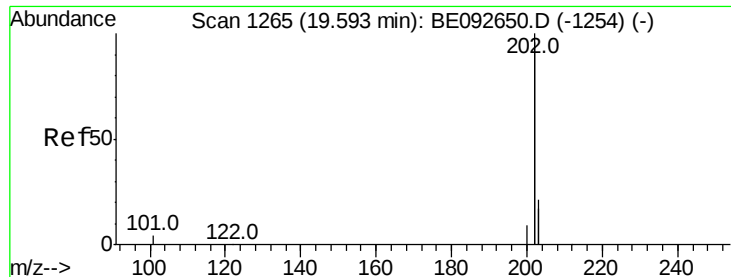


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.59 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampleId :

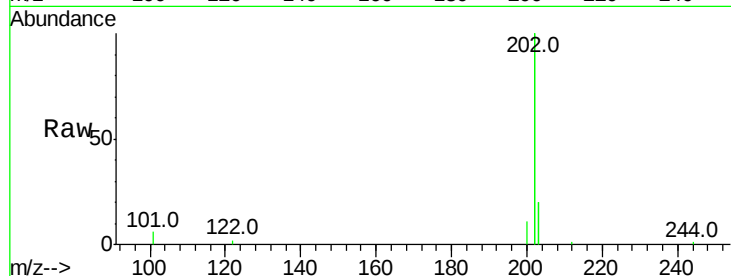
Tot Ion:202 Resp: 14199

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

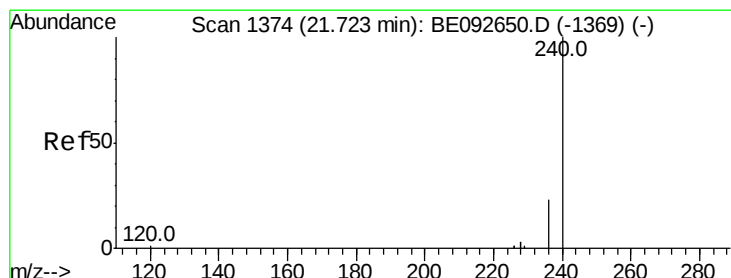
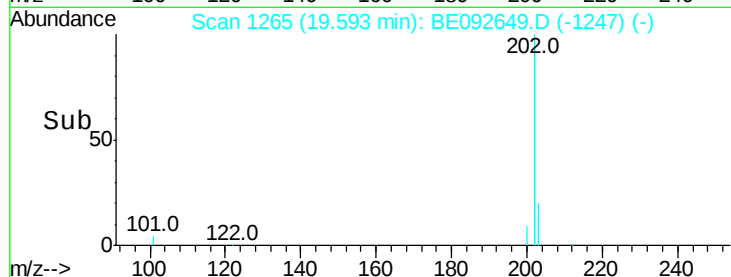
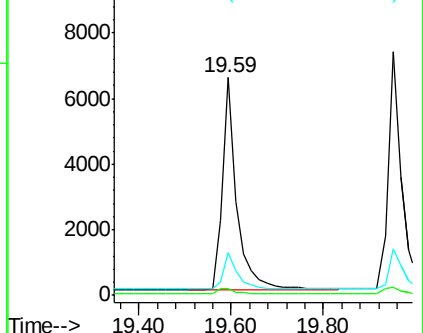
203 17.7 13.7 20.5



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: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

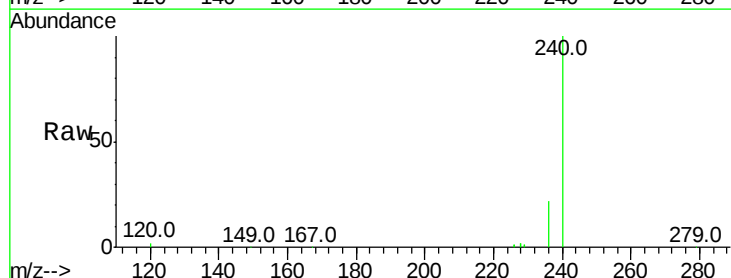
Tgt Ion:240 Resp: 86920

Ion Ratio Lower Upper

240 100

120 1.7 2.6 4.0#

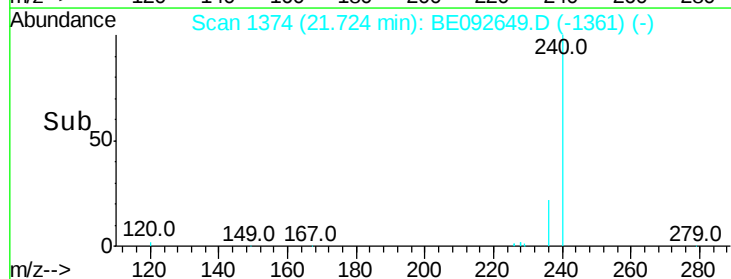
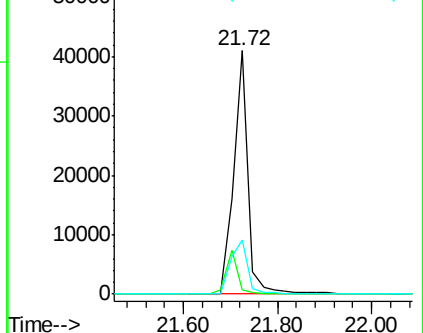
236 22.1 24.6 37.0#

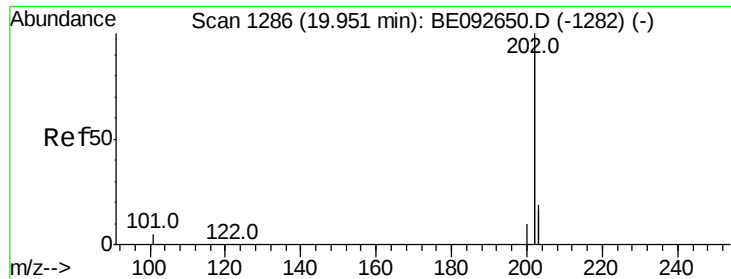


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

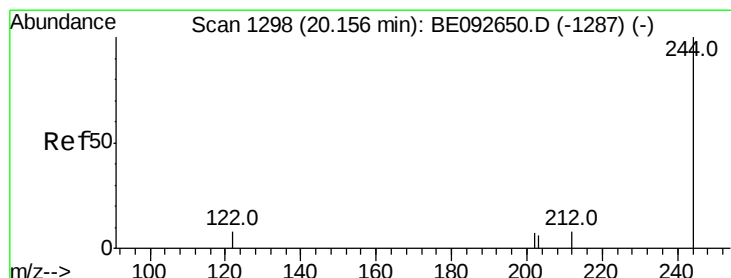
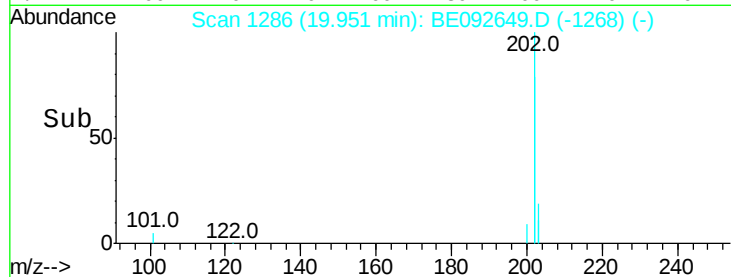
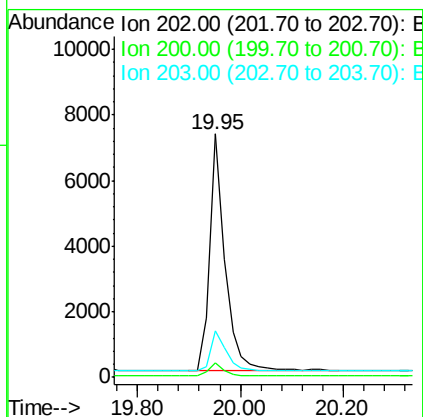
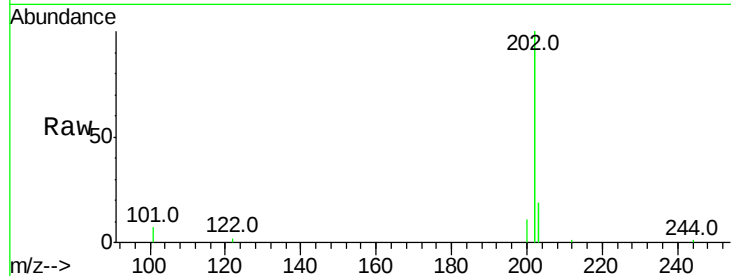




#25
Pvrene
Concen: 0.19 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

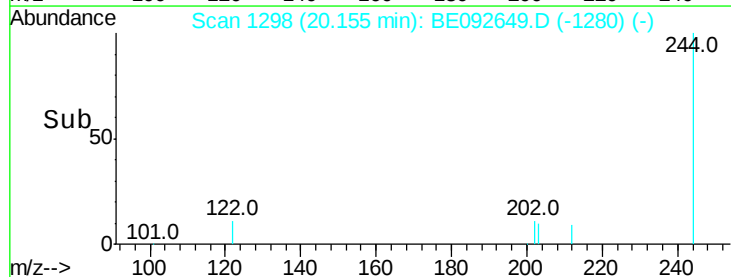
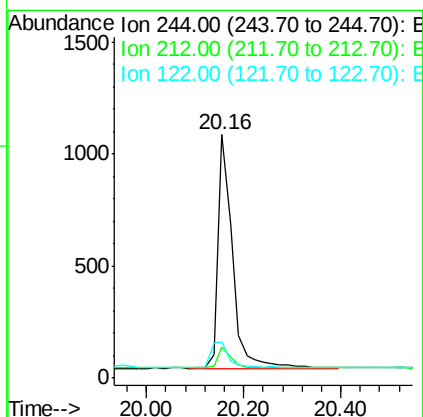
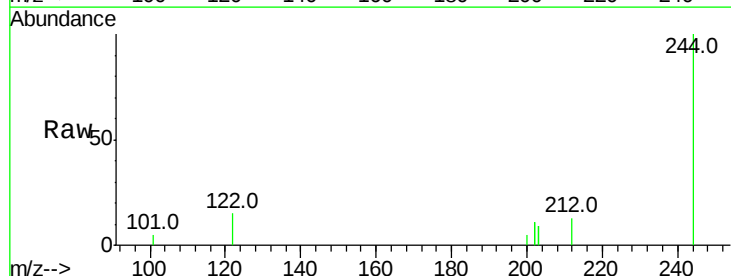
Instrument :
BNA_E
ClientSampleId :

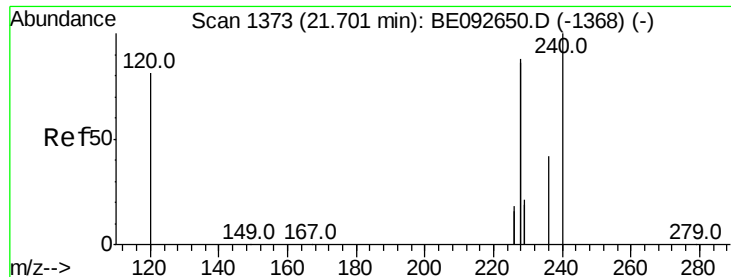
Tot Ion:202 Resp: 14847
Ion Ratio Lower Upper
202 100
200 5.4 4.2 6.4
203 17.9 13.9 20.9



#26
Terphenyl-d14
Concen: 0.20 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:244 Resp: 2144
Ion Ratio Lower Upper
244 100
212 12.7 6.7 10.1#
122 15.1 3.6 5.4#

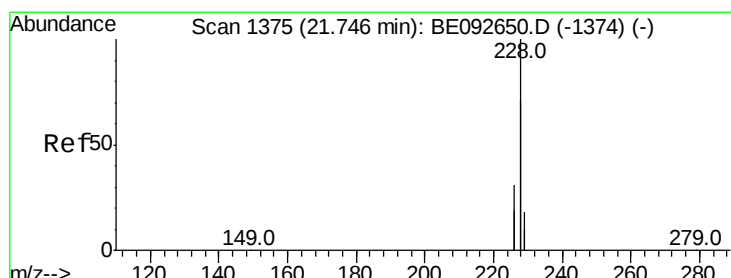
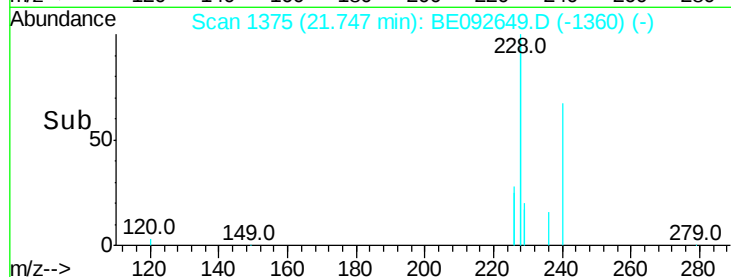
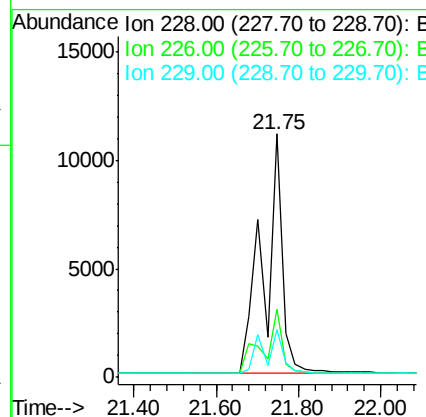
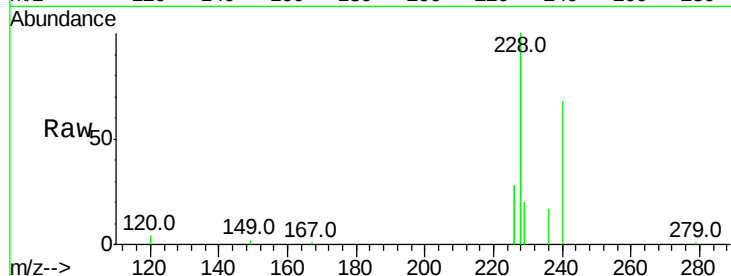




#27
Benzo(a)anthracene
Concen: 0.44 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

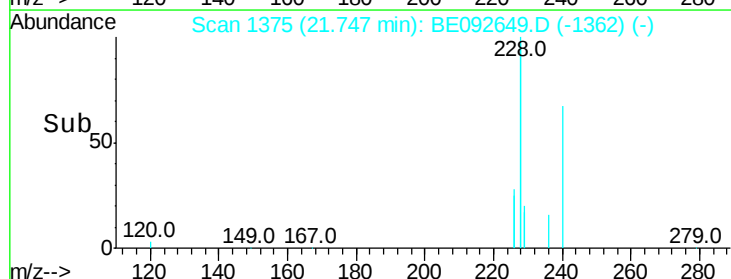
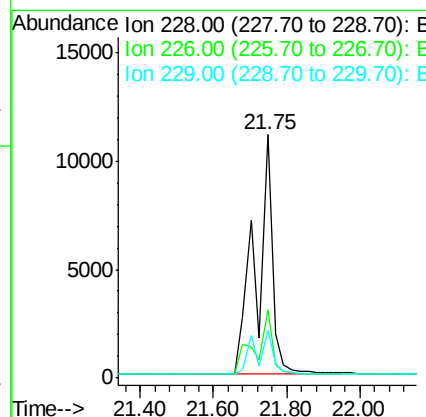
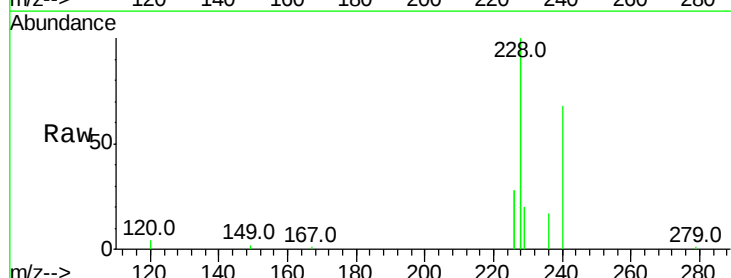
Instrument :
BNA_E
ClientSampleId :

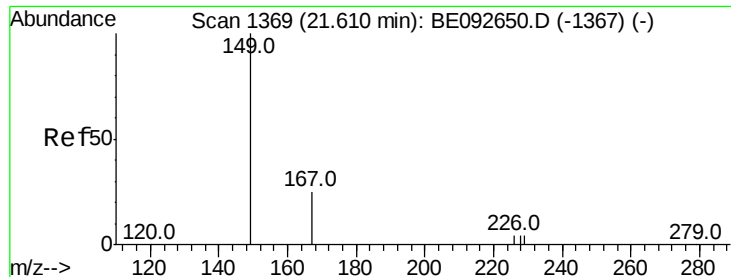
Tot Ion:228 Resp: 34379
Ion Ratio Lower Upper
228 100
226 28.2 23.6 35.4
229 19.8 13.3 19.9



#28
Chrysene
Concen: 0.38 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:228 Resp: 34529
Ion Ratio Lower Upper
228 100
226 28.2 36.3 54.5#
229 19.8 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampleId :

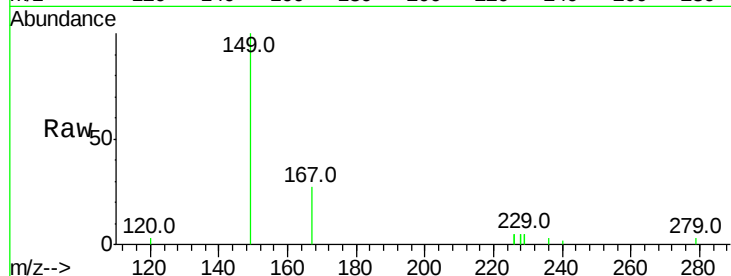
Tot Ion:149 Resp: 2502

Ion Ratio Lower Upper

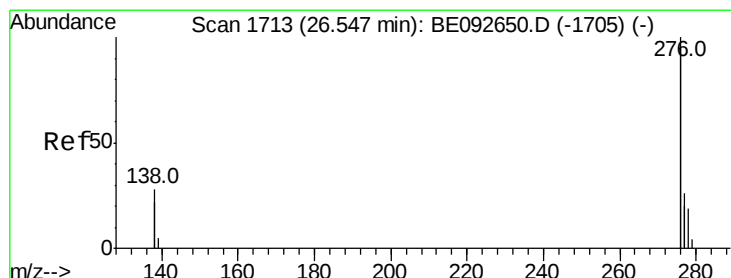
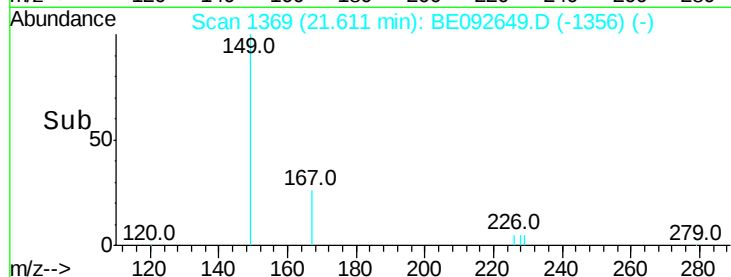
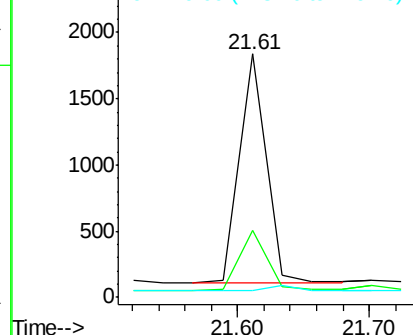
149 100

167 26.2 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: 0.22 ng

RT: 26.57 min Scan# 1714

Delta R.T. 0.02 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

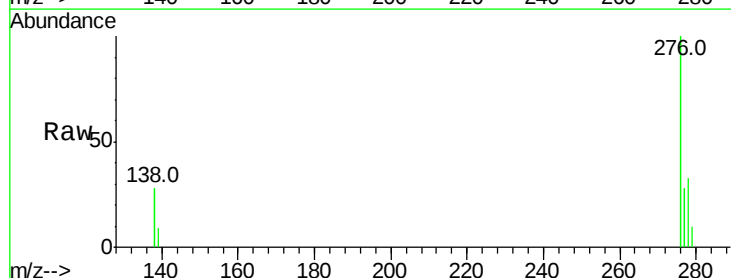
Tgt Ion:276 Resp: 18170

Ion Ratio Lower Upper

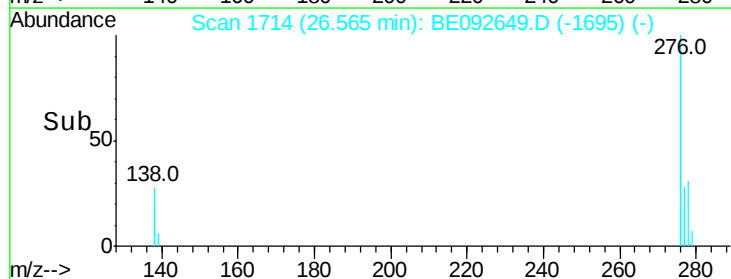
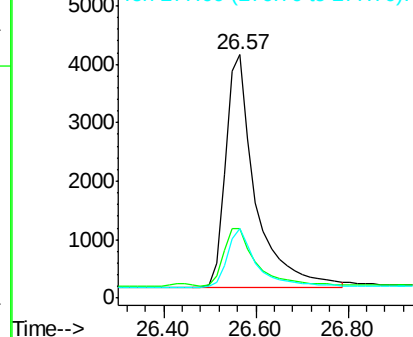
276 100

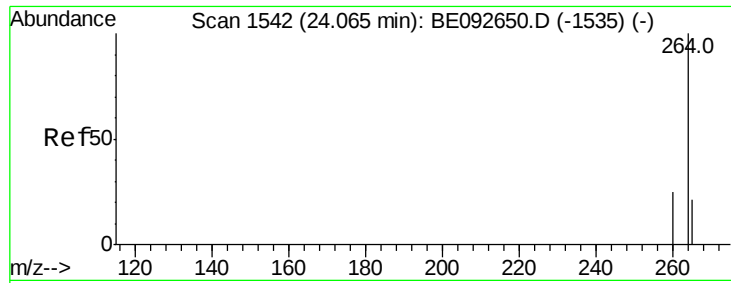
138 26.5 20.3 30.5

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

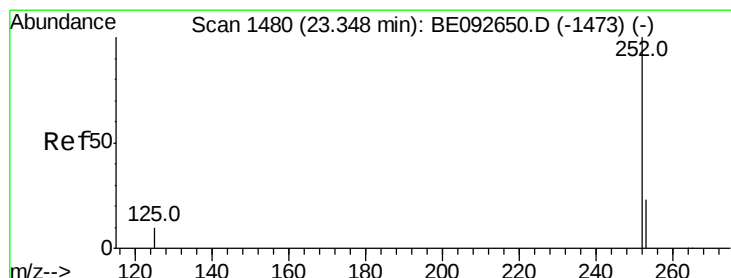
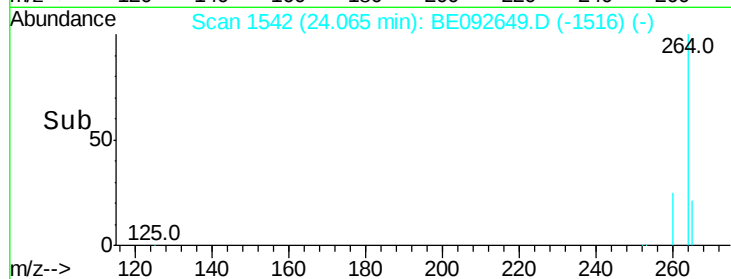
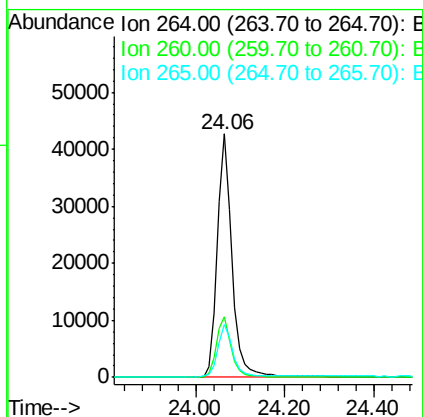
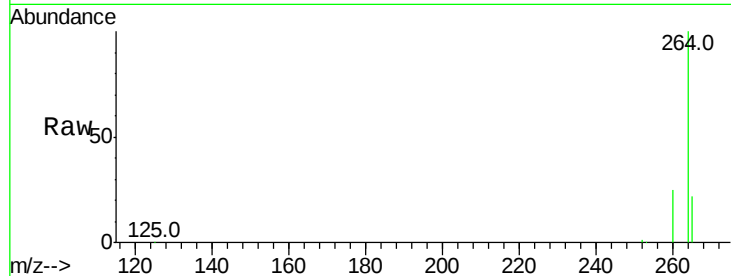




#31
Pervlene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

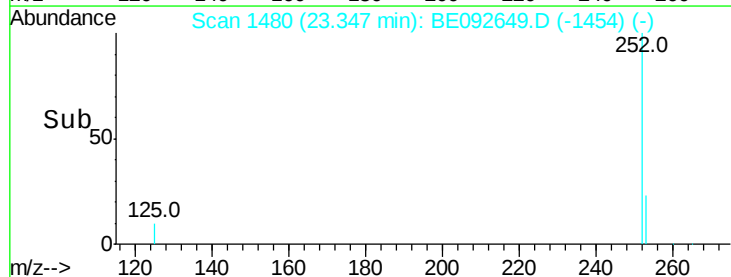
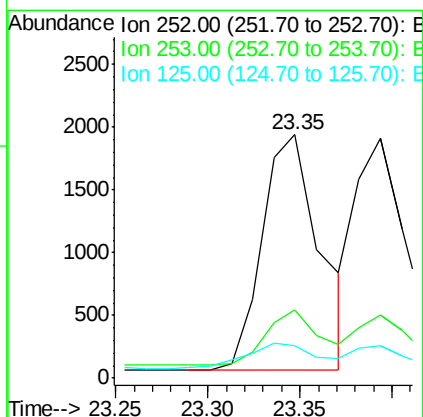
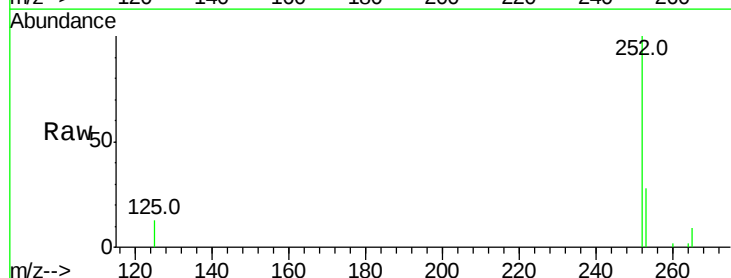
Instrument :
BNA_E
ClientSampleId :

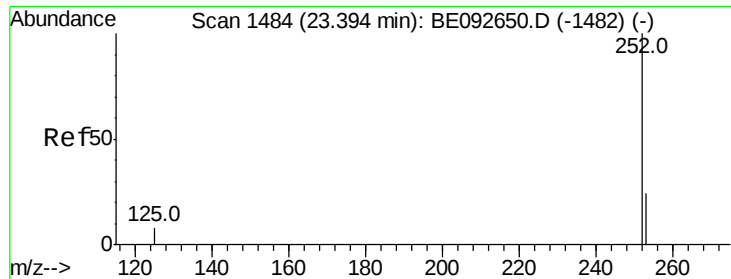
Tot Ion:264 Resp: 98450
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 21.6 17.9 26.9



#32
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:252 Resp: 4102
Ion Ratio Lower Upper
252 100
253 27.9 18.7 28.1
125 13.1 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.17 ng

RT: 23.39 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampleId :

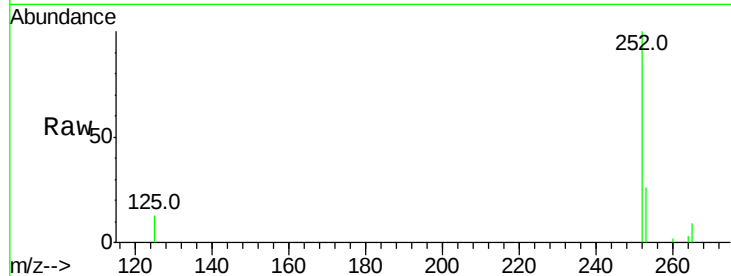
Tot Ion:252 Resp: 4165

Ion Ratio Lower Upper

252 100

253 26.2 20.3 30.5

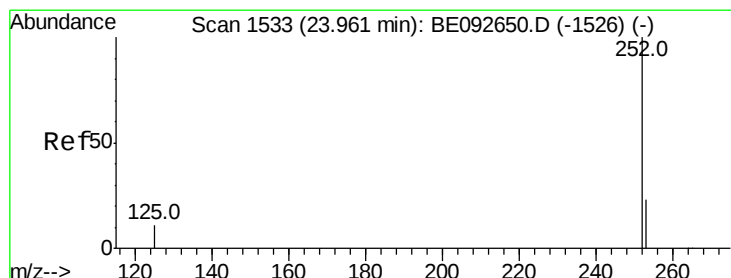
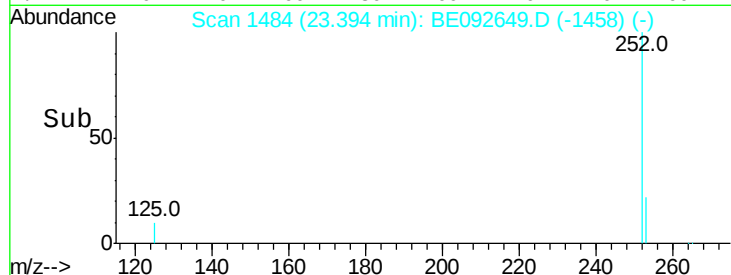
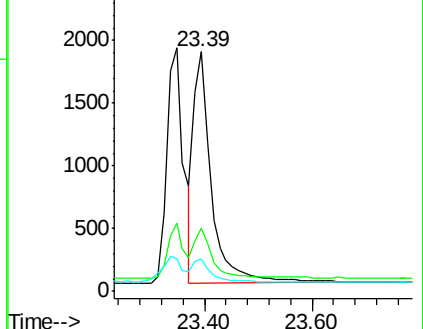
125 13.5 9.6 14.4



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: 23.96 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

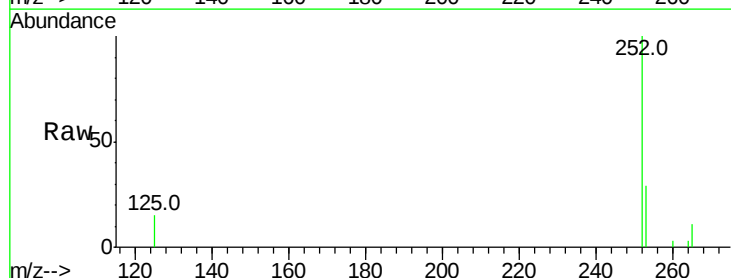
Tgt Ion:252 Resp: 3780

Ion Ratio Lower Upper

252 100

253 28.6 19.0 28.6

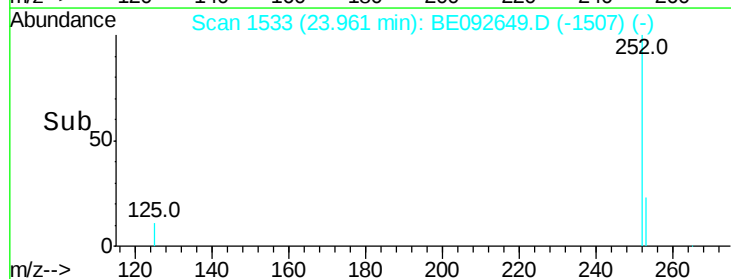
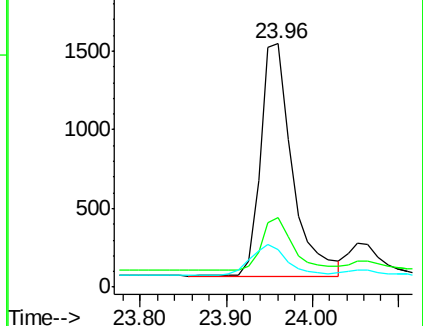
125 15.4 11.8 17.8

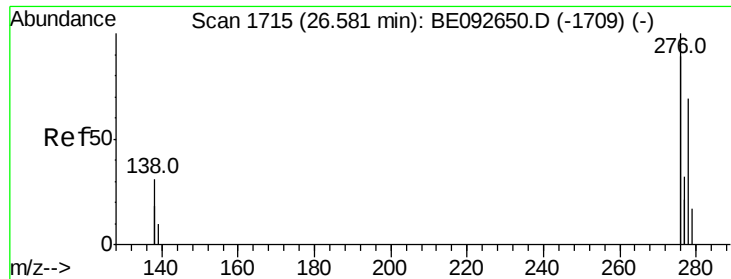


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.18 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

Instrument :

BNA_E

ClientSampled :

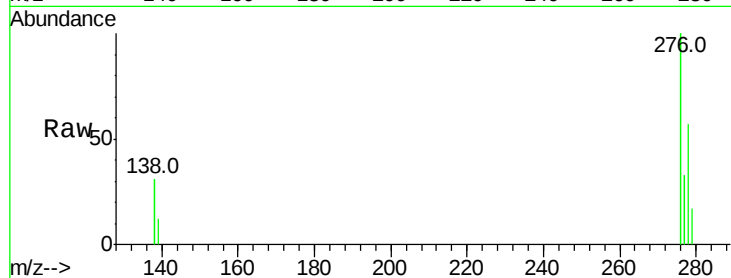
Tot Ion:278 Resp: 3645

Ion Ratio Lower Upper

278 100

139 21.6 13.8 20.8#

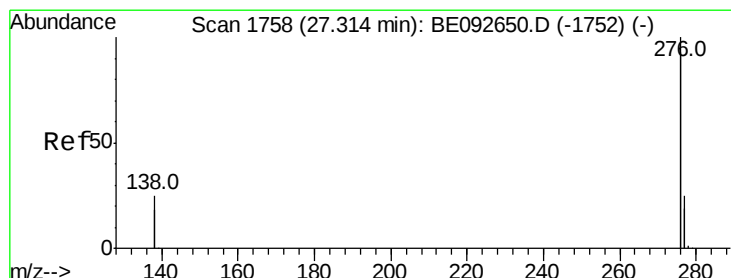
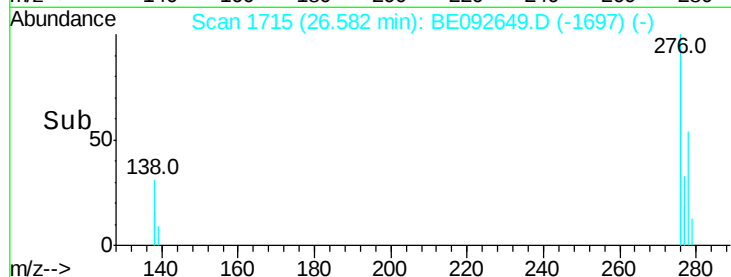
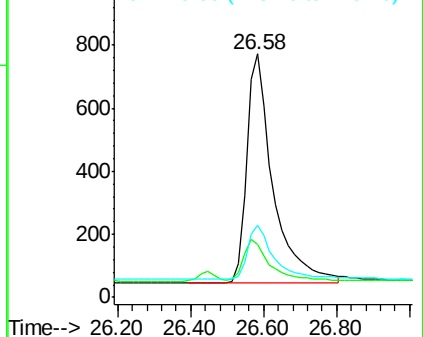
279 29.7 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.18 ng

RT: 27.31 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BE092649.D

Acq: 16 Jan 2017 13:17

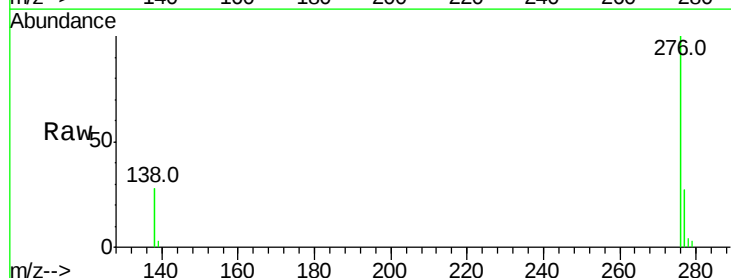
Tgt Ion:276 Resp: 15979

Ion Ratio Lower Upper

276 100

277 26.7 19.8 29.8

138 28.2 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

