

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
 Data File : BE091612.D
 Acq On : 8 Apr 2016 15:13
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Apr 08 15:48:12 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:46:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	38107	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	177312	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	105881	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	267512	5.00	ng	0.00
26) Chrysene-d12	21.31	240	328396	5.00	ng	0.00
35) Perylene-d12	23.76	264	294484	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1742	0.22	ng	0.00
5) Phenol-d6	6.97	99	2141	0.22	ng	0.00
8) Nitrobenzene-d5	8.96	82	1781	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	920	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	5757	0.20	ng	0.00
29) Terphenyl-d14	19.78	244	7873	0.19	ng	0.02

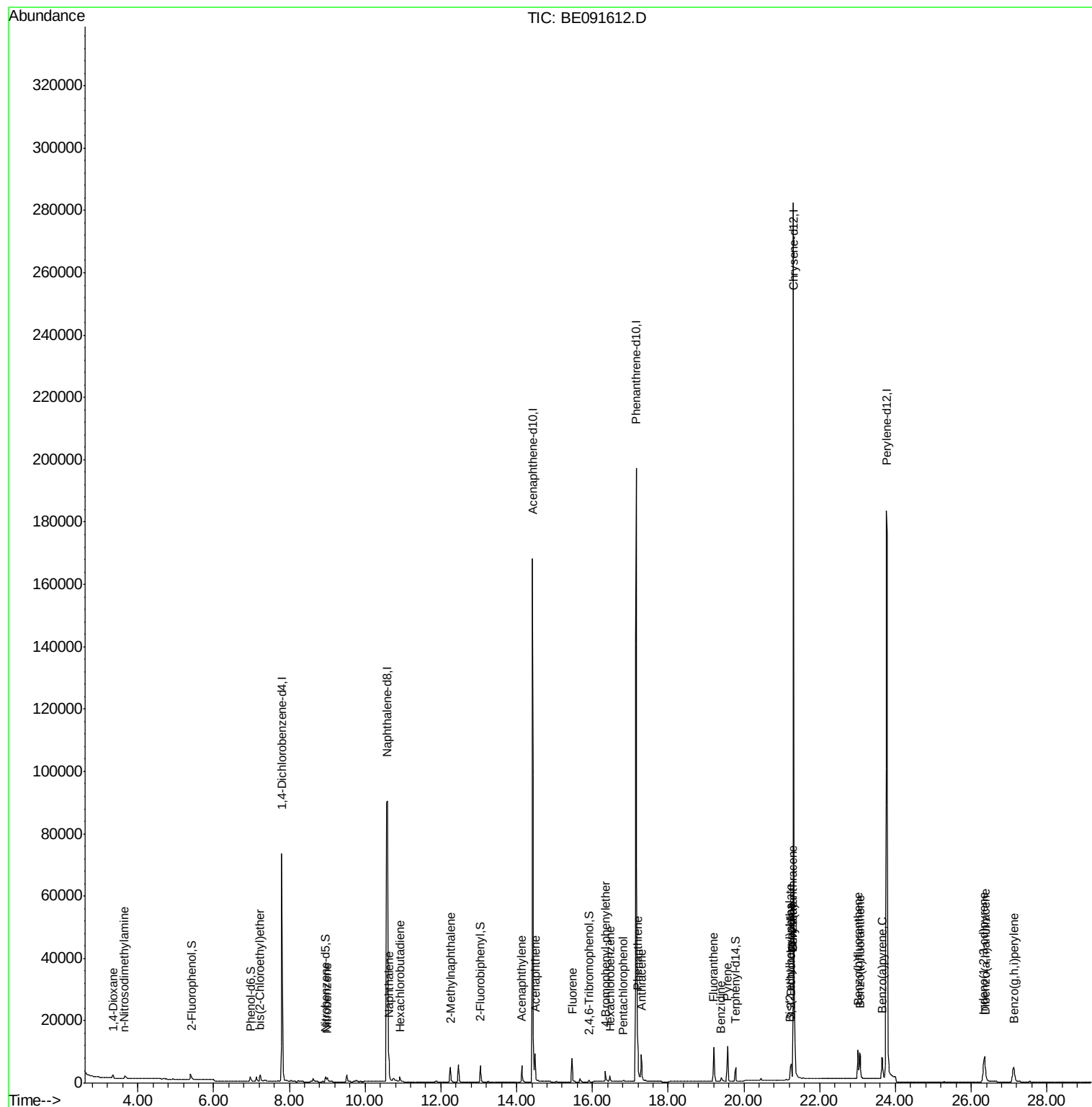
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	1105	0.16	ng	89
3) n-Nitrosodimethylamine	3.65	42	1028	0.15	ng	# 94
6) bis(2-Chloroethyl)ether	7.23	93	1932	0.17	ng	# 77
9) Nitrobenzene	9.00	77	1761	0.17	ng	96
10) Naphthalene	10.63	128	7250	0.19	ng	99
11) Hexachlorobutadiene	10.92	225	1580	0.25	ng	# 84
12) 2-Methylnaphthalene	12.25	142	4426	0.20	ng	93
16) Acenaphthylene	14.14	152	7886	0.04	ng	# 64
17) Acenaphthene	14.49	154	4969	0.18	ng	86
18) Fluorene	15.47	166	6056	0.17	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	1808	0.18	ng	95
21) Hexachlorobenzene	16.47	284	1883	0.04	ng	99
22) Pentachlorophenol	16.81	266	451	0.12	ng	95
23) Phenanthrene	17.20	178	12135	0.18	ng	98
24) Anthracene	17.29	178	10028	0.17	ng	99
25) Fluoranthene	19.20	202	11794	0.15	ng	# 96
27) Benzidine	19.40	184	2709	0.46	ng	# 87
28) Pyrene	19.57	202	12608	0.15	ng	100
30) Benzo(a)anthracene	21.29	228	27689	0.36	ng	94
31) 3,3'-Dichlorobenzidine	21.24	252	6585	0.50	ng	# 95
32) Chrysene	21.29	228	27918	0.28	ng	97
33) Bis(2-ethylhexyl)phthalate	21.22	149	4167	0.14	ng	# 83
34) Indeno(1,2,3-cd)pyrene	26.33	276	14453	0.18	ng	96
36) Benzo(b)fluoranthene	23.01	252	13048	0.20	ng	96
37) Benzo(k)fluoranthene	23.06	252	13089	0.15	ng	97
38) Benzo(a)pyrene	23.65	252	11992	0.20	ng	# 96
39) Dibenzo(a,h)anthracene	26.36	278	11802	0.20	ng	96
40) Benzo(g,h,i)perylene	27.13	276	12381	0.19	ng	94

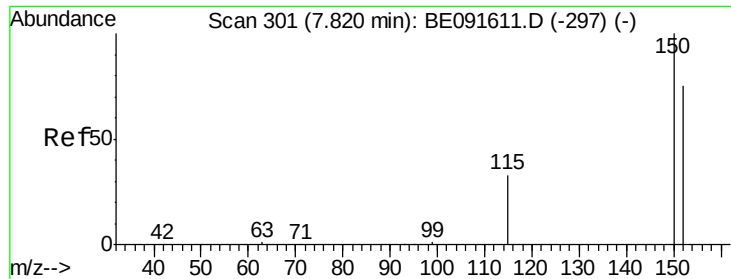
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

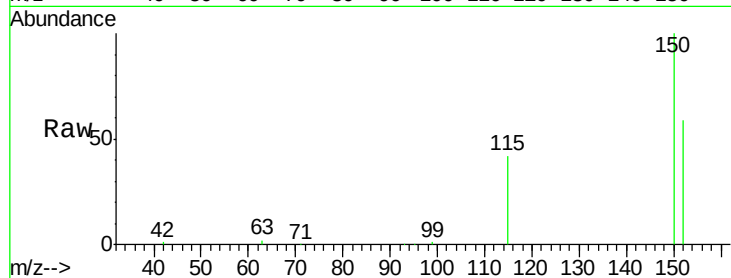
Tot Ion:152 Resp: 38107

Ion Ratio Lower Upper

152 100

150 170.7 122.6 183.8

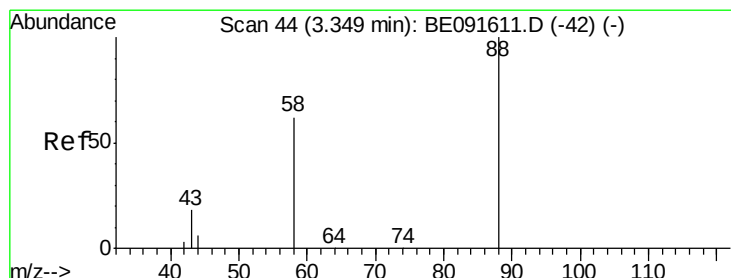
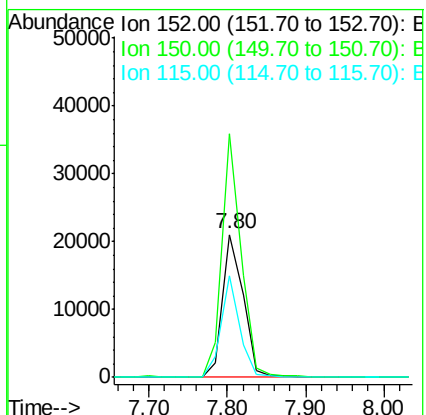
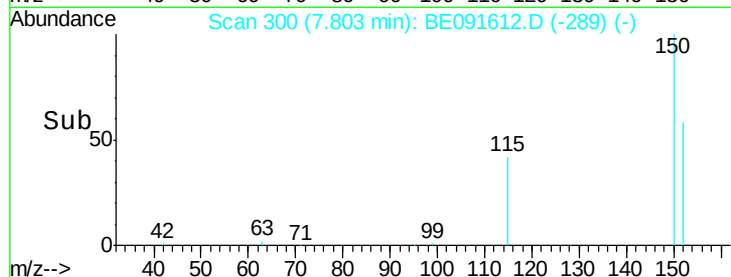
115 71.3 52.8 79.2



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: 0.16 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

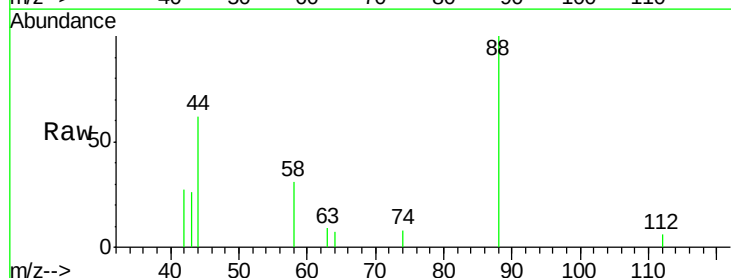
Tgt Ion: 88 Resp: 1105

Ion Ratio Lower Upper

88 100

58 70.8 65.8 98.6

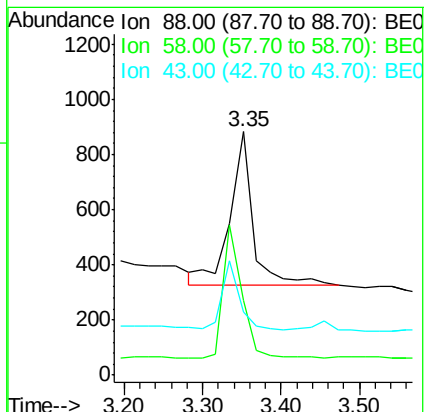
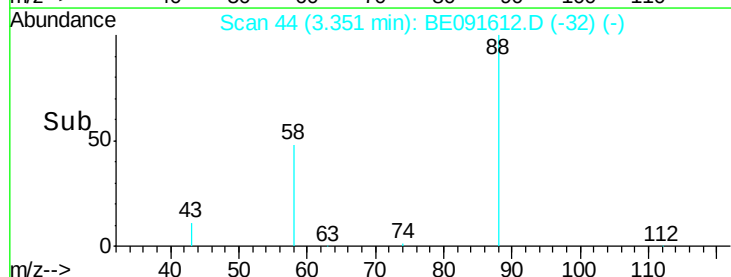
43 34.8 25.3 37.9

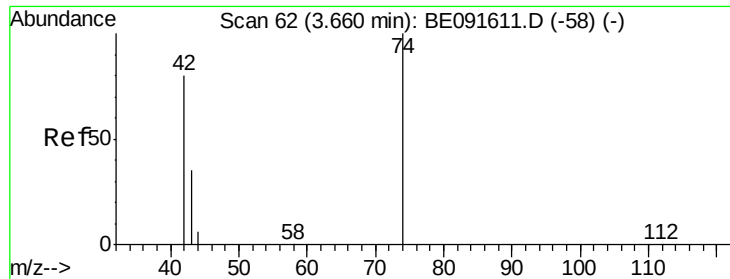


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.15 ng

RT: 3.65 min Scan# 61

Delta R.T. -0.01 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

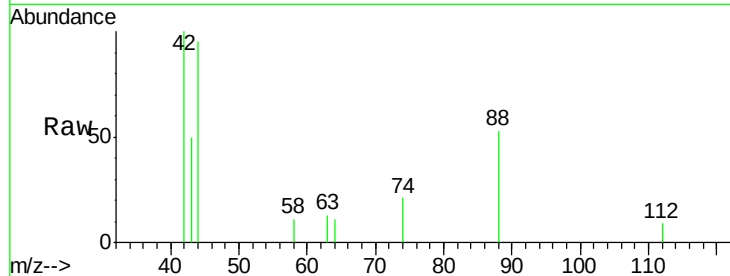
Tot Ion: 42 Resp: 1028

Ion Ratio Lower Upper

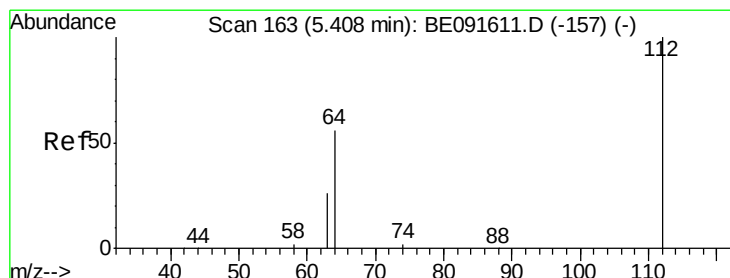
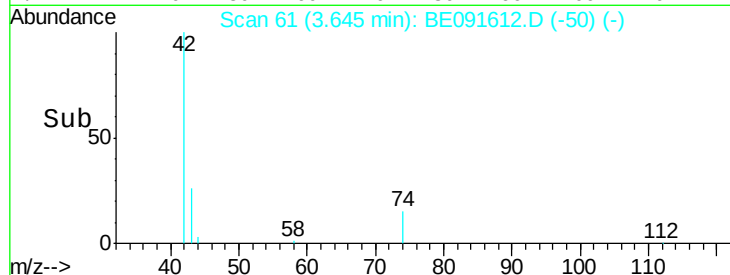
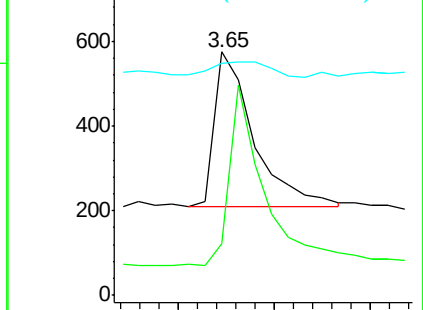
42 100

74 105.2 87.9 131.9

44 15.8 6.6 9.8#



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: 0.22 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

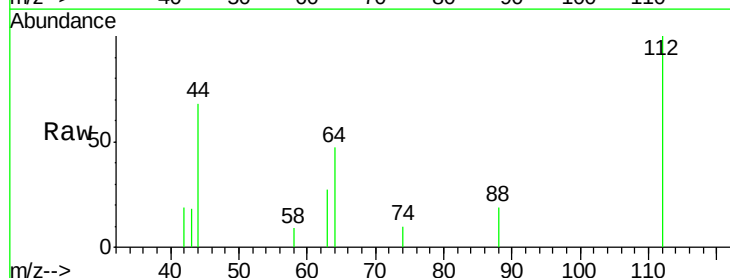
Tgt Ion: 112 Resp: 1742

Ion Ratio Lower Upper

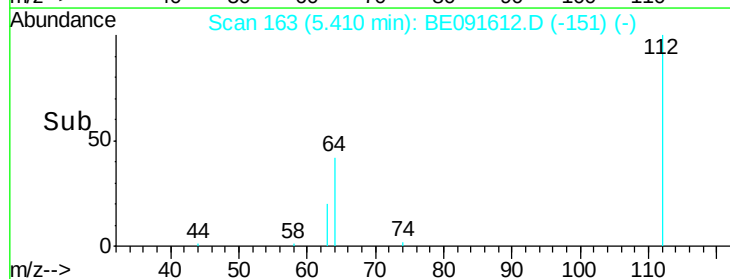
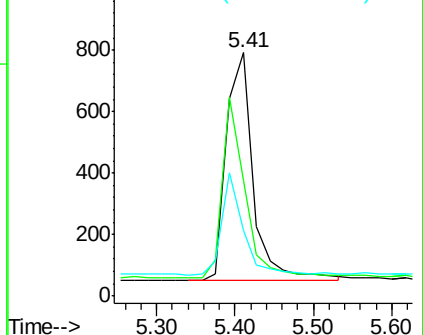
112 100

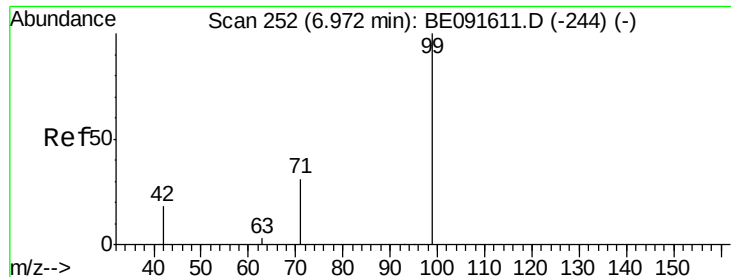
64 66.6 30.9 46.3#

63 35.6 16.7 25.1#



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: 0.22 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

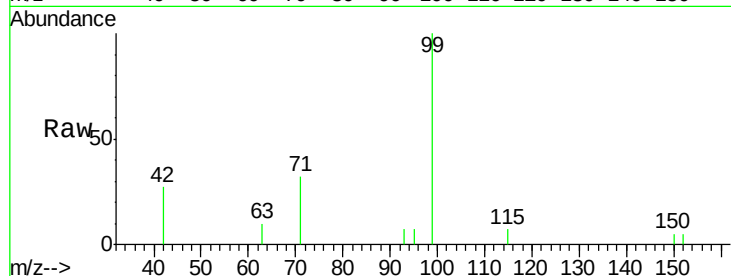
BNA_E

ClientSampleId :

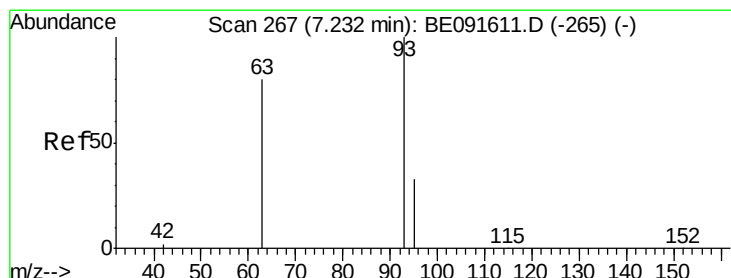
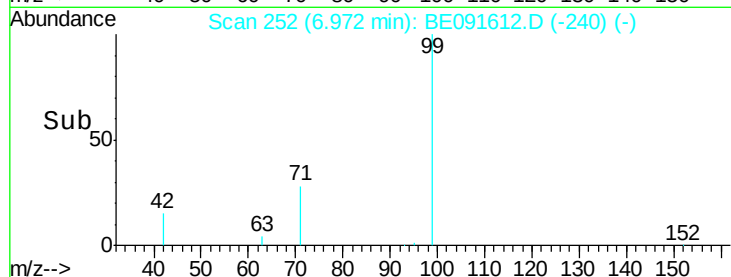
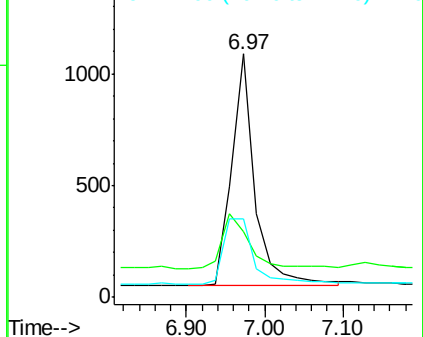
SSTDIC0.2

Tot Ion: 99 Resp: 2141

Ion	Ratio	Lower	Upper
99	100		
42	27.6	16.2	24.2#
71	37.2	29.0	43.4



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: 0.17 ng

RT: 7.23 min Scan# 267

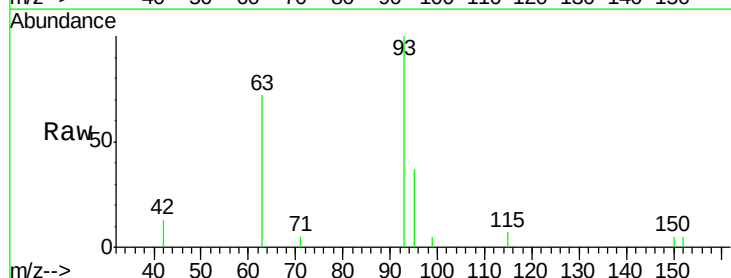
Delta R.T. 0.00 min

Lab File: BE091612.D

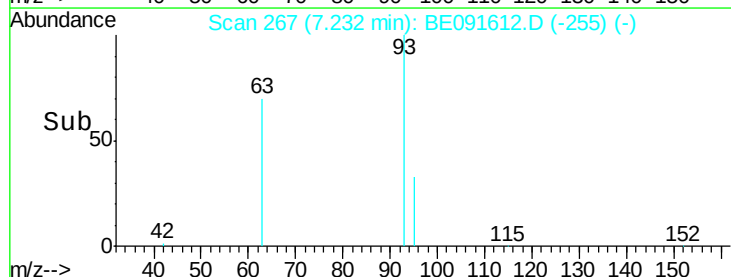
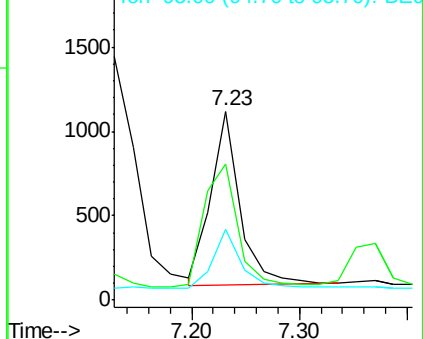
Acq: 8 Apr 2016 15:13

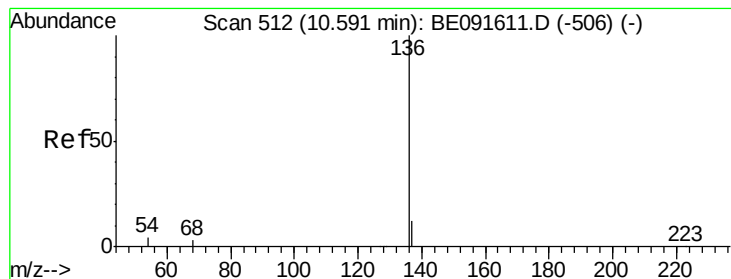
Tgt Ion: 93 Resp: 1932

Ion	Ratio	Lower	Upper
93	100		
63	84.1	49.5	74.3#
95	33.4	22.2	33.4#



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: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 177312

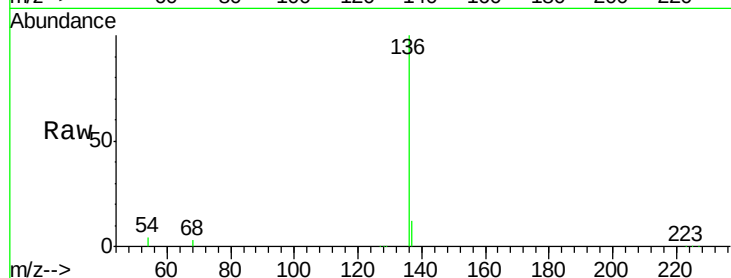
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 3.9 8.2 12.4#

68 3.3 6.2 9.4#

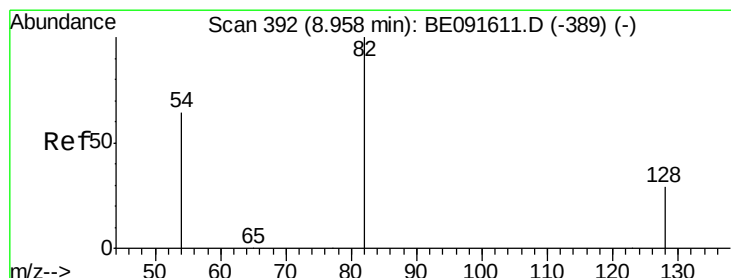
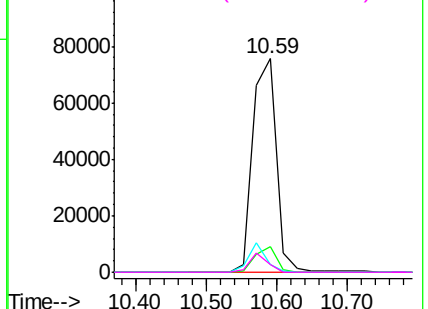
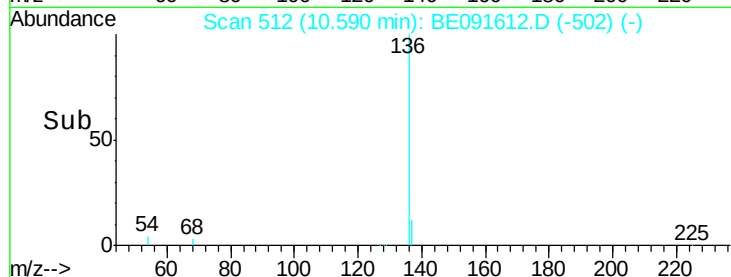


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.19 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

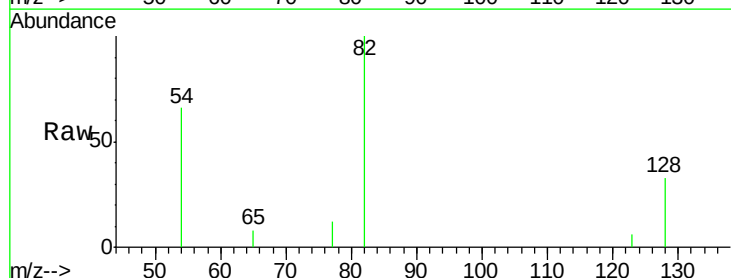
Tgt Ion: 82 Resp: 1781

Ion Ratio Lower Upper

82 100

128 33.0 25.4 38.0

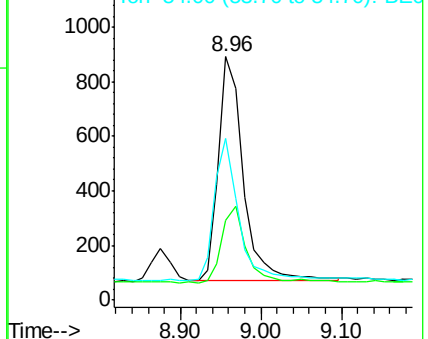
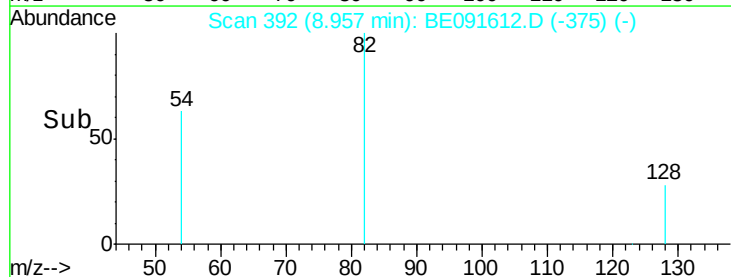
54 66.4 48.4 72.6

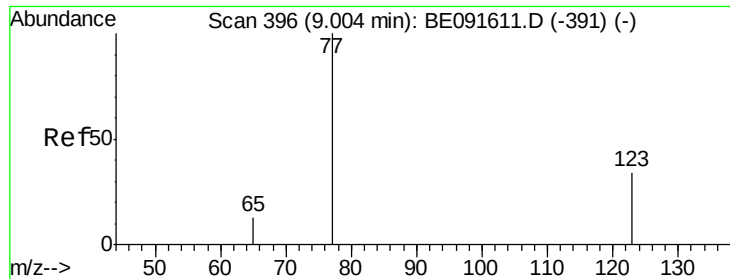


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

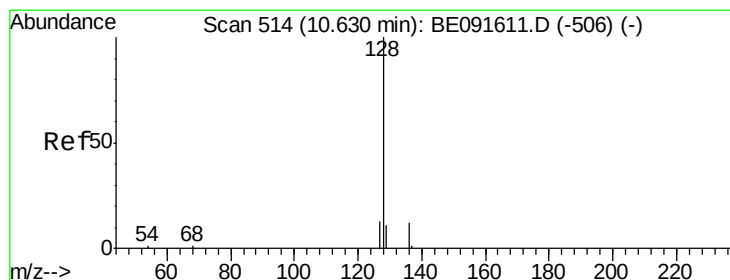
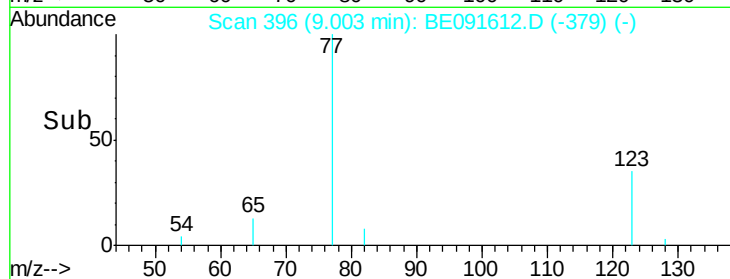
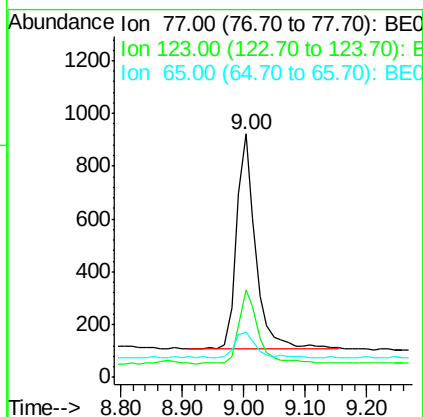
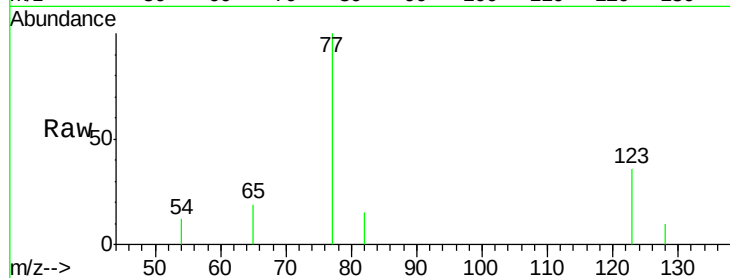




#9
 Nitrobenzene
 Concen: 0.17 ng
 RT: 9.00 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BE091612.D
 Acq: 8 Apr 2016 15:13

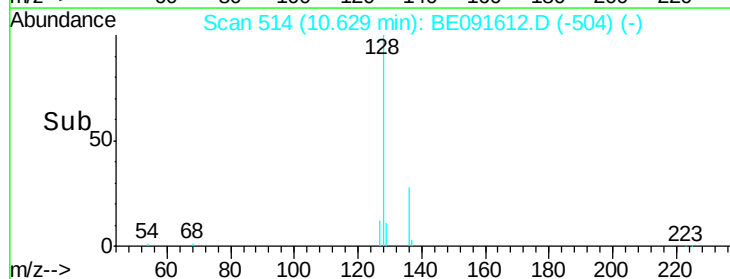
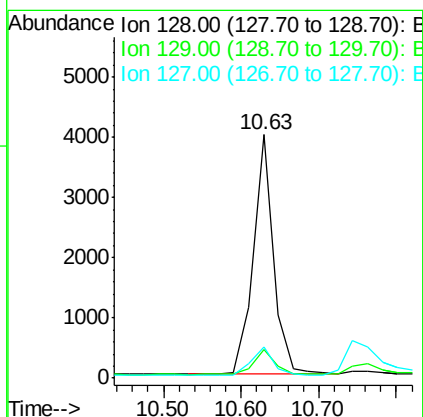
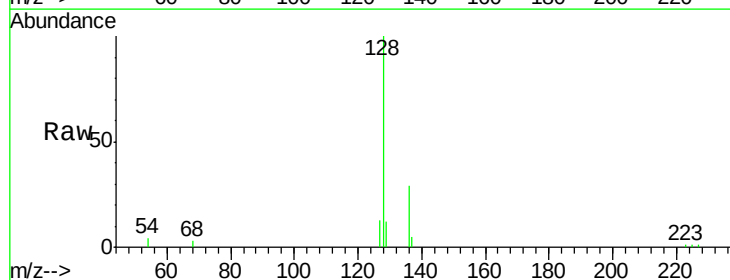
Instrument :
 BNA_E
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 SSTDICC0.2

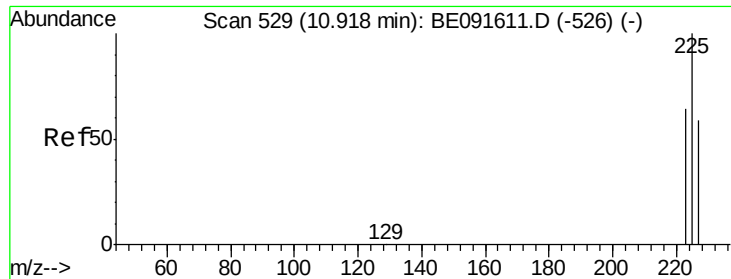
Tot Ion: 77 Resp: 1761
 Ion Ratio Lower Upper
 77 100
 123 35.3 26.9 40.3
 65 14.0 9.4 14.2



#10
 Naphthalene
 Concen: 0.19 ng
 RT: 10.63 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BE091612.D
 Acq: 8 Apr 2016 15:13

Tgt Ion: 128 Resp: 7250
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.3 13.9
 127 13.0 10.7 16.1

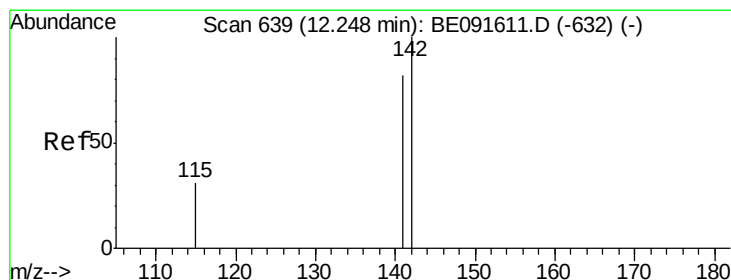
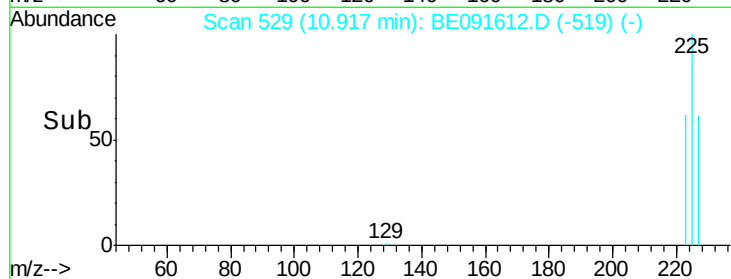
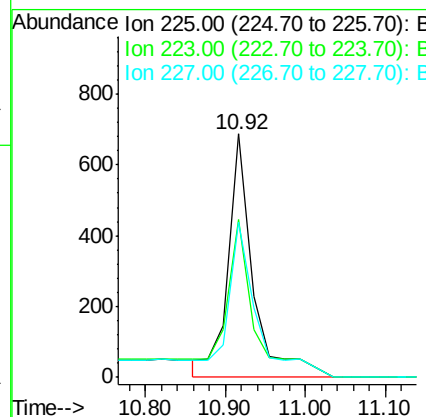
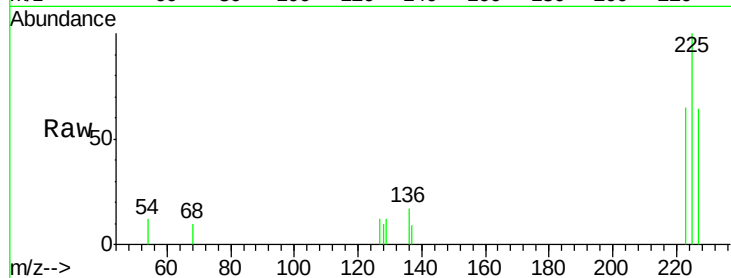




#11
Hexachlorobutadiene
Concen: 0.25 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

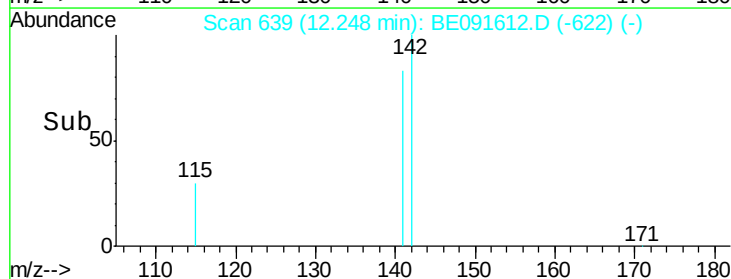
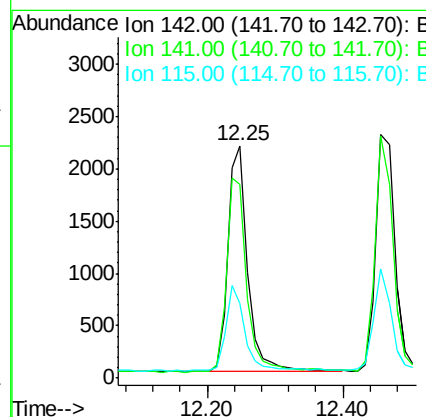
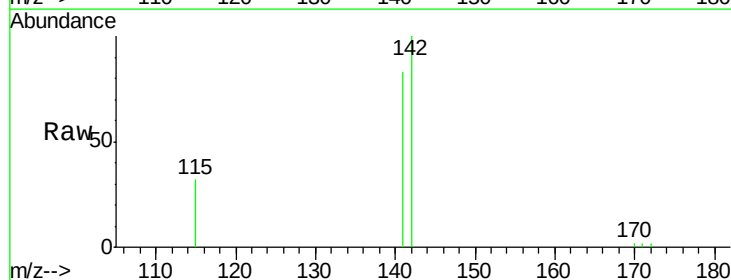
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

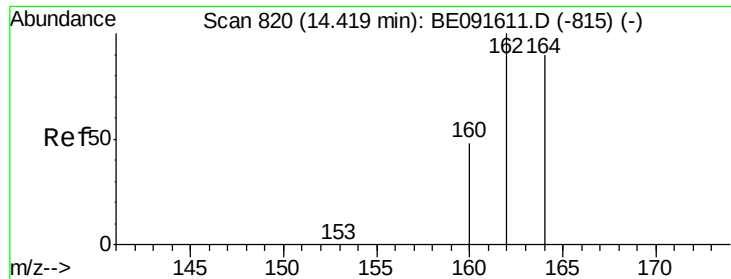
Tot Ion:225 Resp: 1580
Ion Ratio Lower Upper
225 100
223 76.1 49.0 73.6#
227 72.8 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.25 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:142 Resp: 4426
Ion Ratio Lower Upper
142 100
141 83.1 71.4 107.0
115 32.1 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

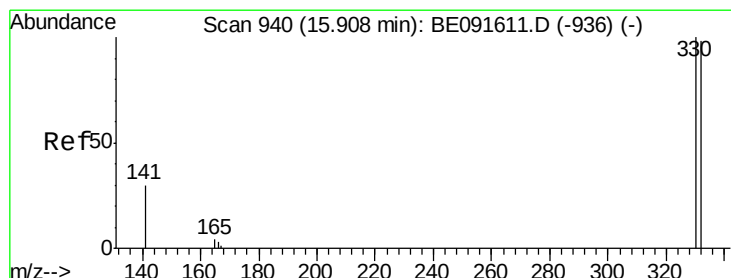
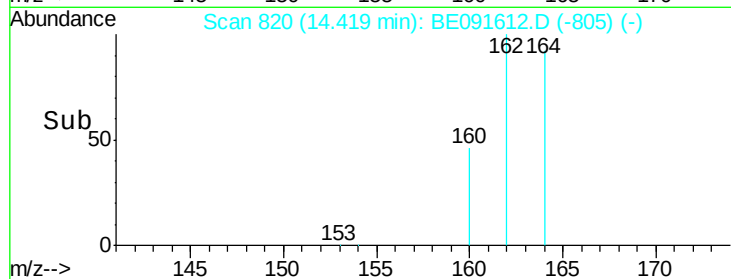
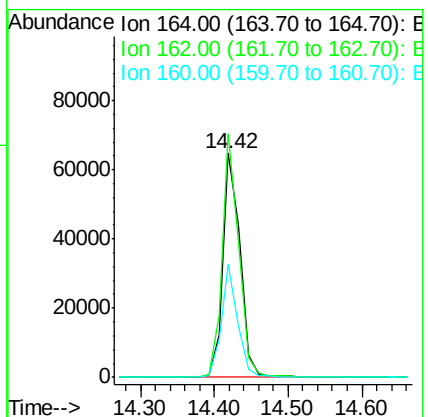
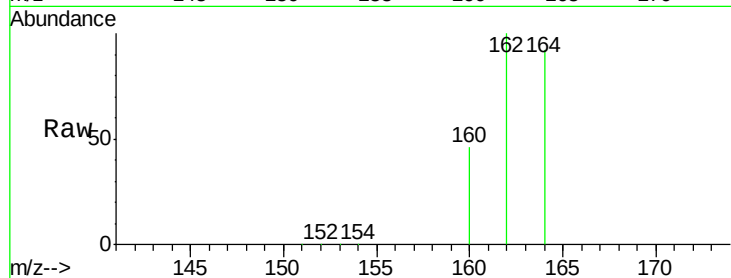
Tot Ion:164 Resp: 105881

Ion Ratio Lower Upper

164 100

162 108.6 85.3 127.9

160 50.2 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 0.28 ng

RT: 15.91 min Scan# 940

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

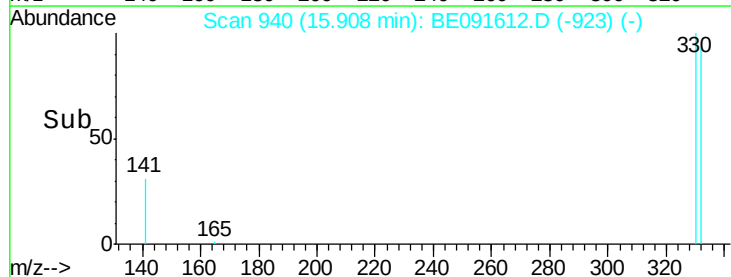
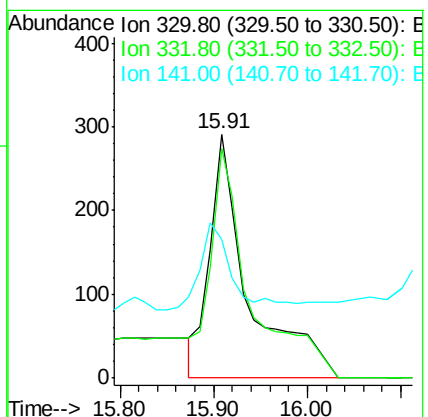
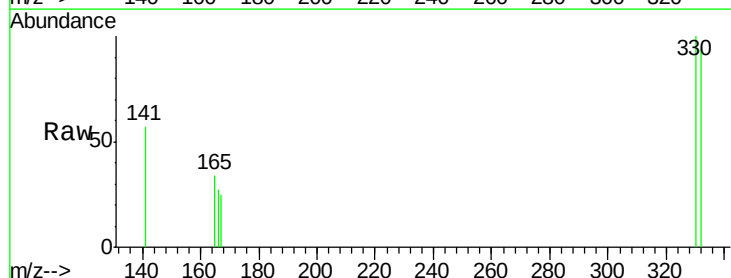
Tgt Ion:330 Resp: 920

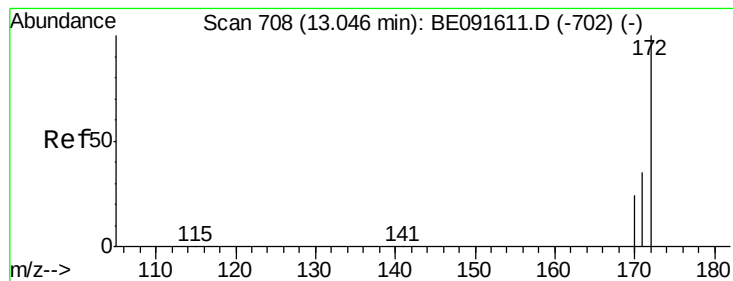
Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

141 27.0 125.4 188.0#

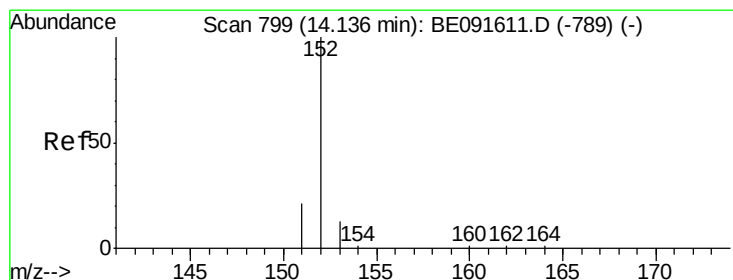
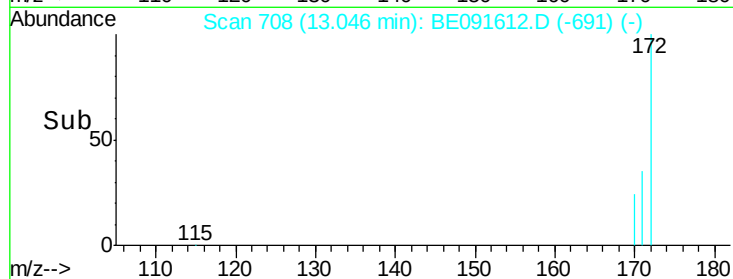
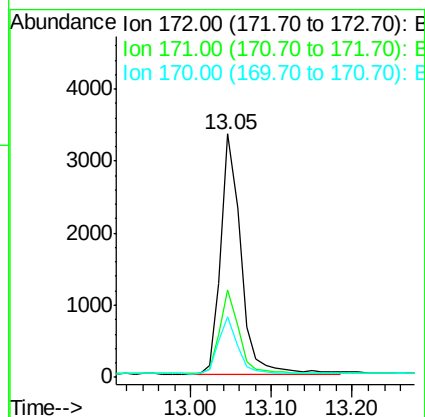
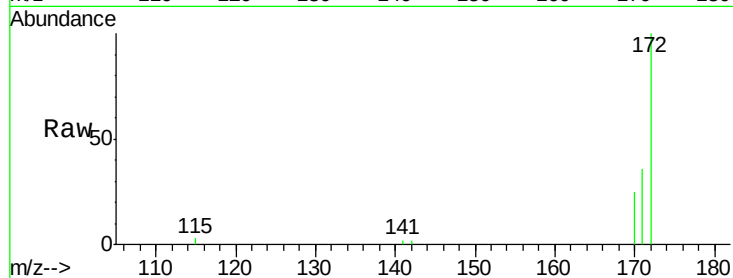




#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

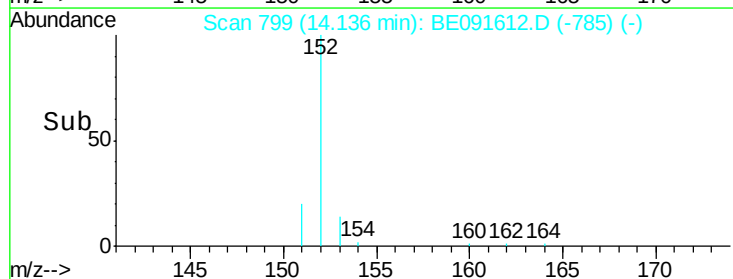
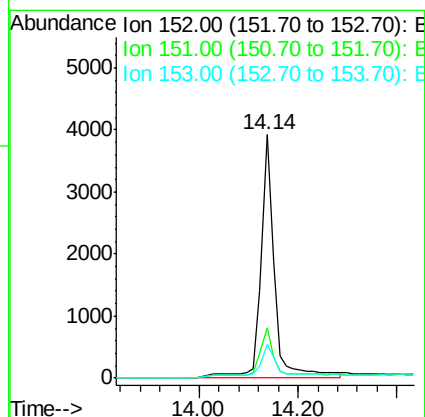
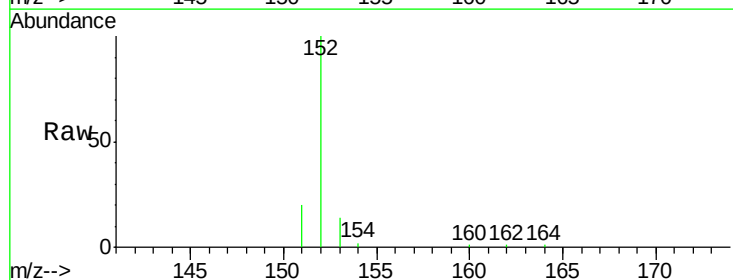
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

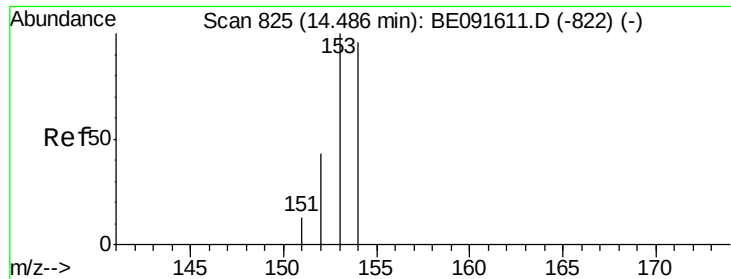
Tot Ion:172 Resp: 5757
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.7 19.3 28.9



#16
Acenaphthylene
Concen: 0.04 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:152 Resp: 7886
Ion Ratio Lower Upper
152 100
151 28.1 3.9 5.9#
153 21.8 10.3 15.5#

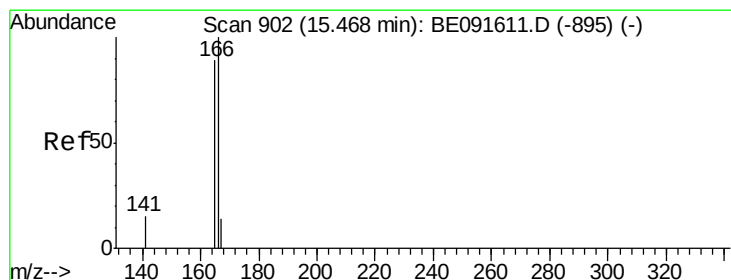
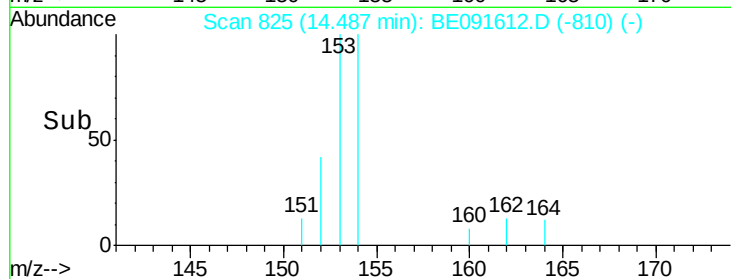
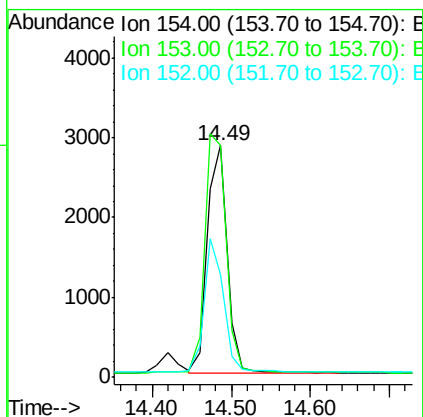
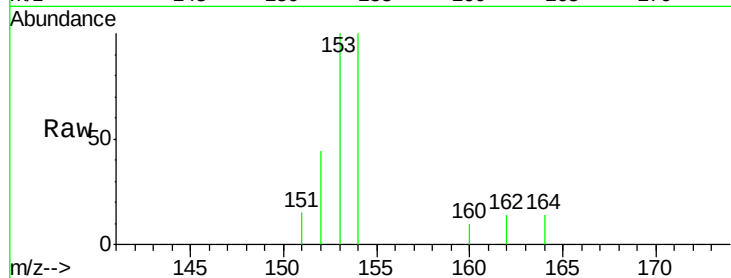




#17
Acenaphthene
Concen: 0.18 ng
RT: 14.49 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

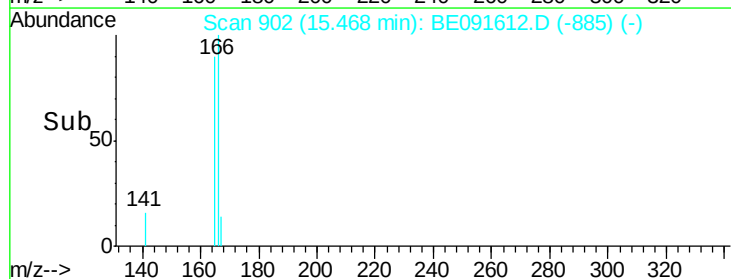
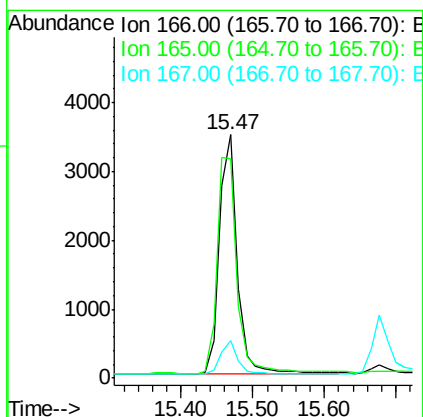
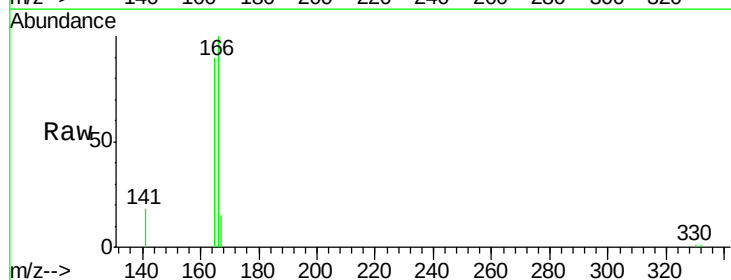
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

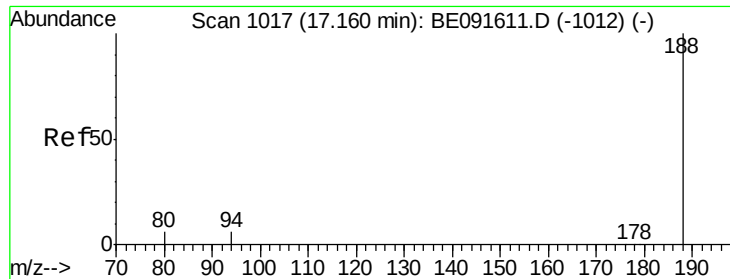
Tot Ion:154 Resp: 4969
Ion Ratio Lower Upper
154 100
153 115.2 80.0 120.0
152 57.5 40.0 60.0



#18
Fluorene
Concen: 0.17 ng
RT: 15.47 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:166 Resp: 6056
Ion Ratio Lower Upper
166 100
165 100.2 80.8 121.2
167 13.6 10.9 16.3

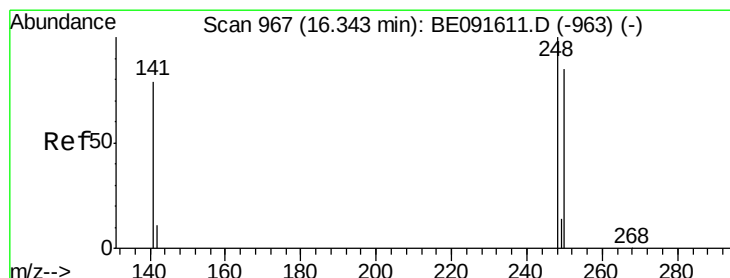
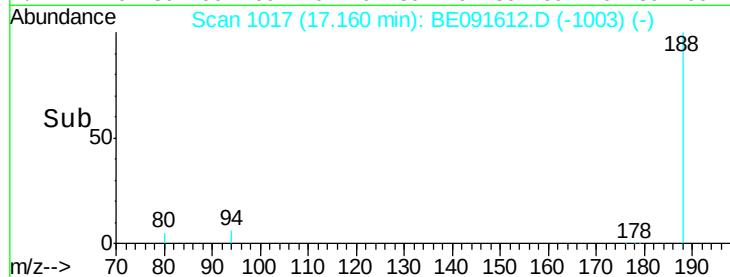
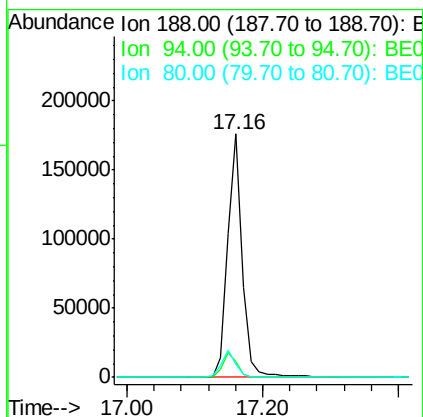
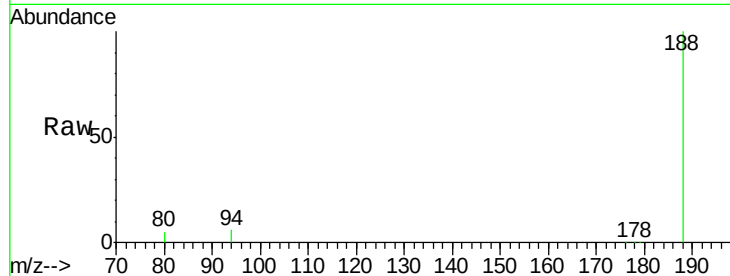




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

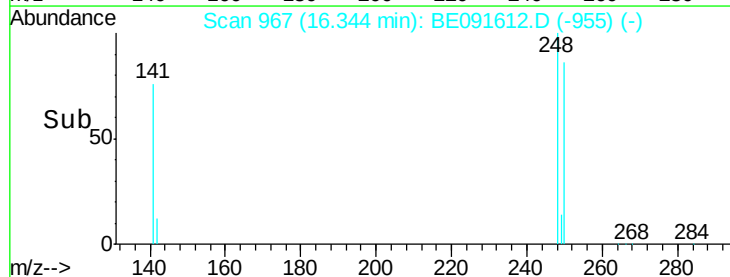
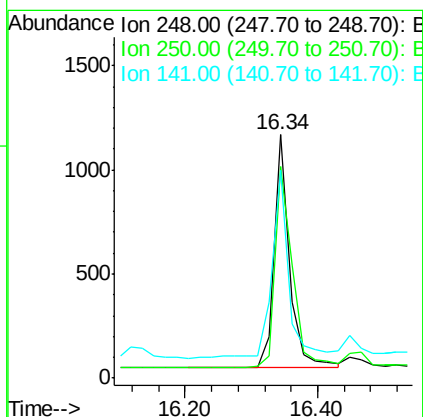
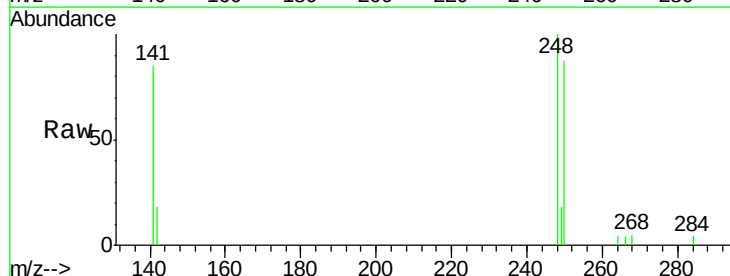
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

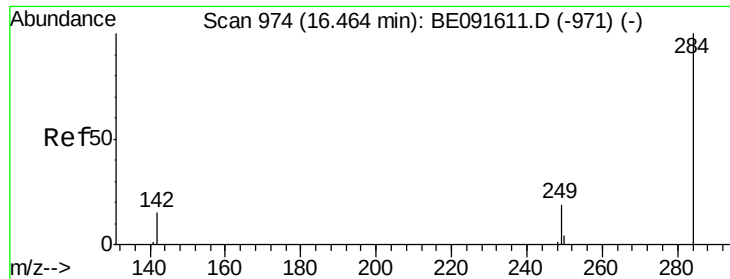
Tot Ion:188 Resp: 267512
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 5.5 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.18 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:248 Resp: 1808
Ion Ratio Lower Upper
248 100
250 95.1 80.5 120.7
141 86.3 72.0 108.0

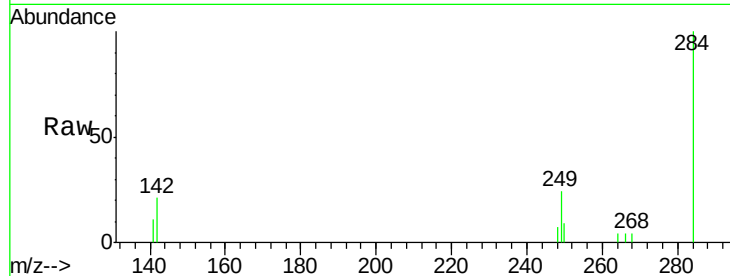




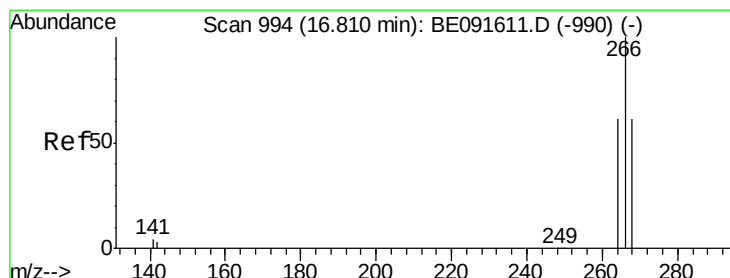
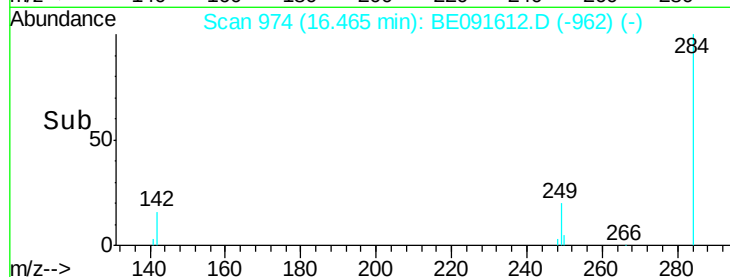
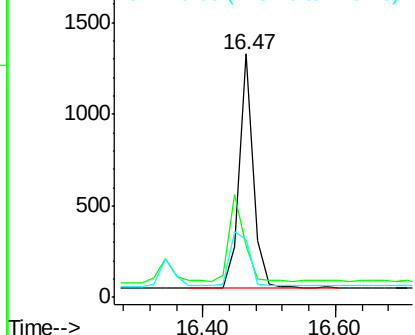
#21
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.47 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:284 Resp: 1883
Ion Ratio Lower Upper
284 100
142 41.4 32.2 48.2
249 32.3 25.4 38.2

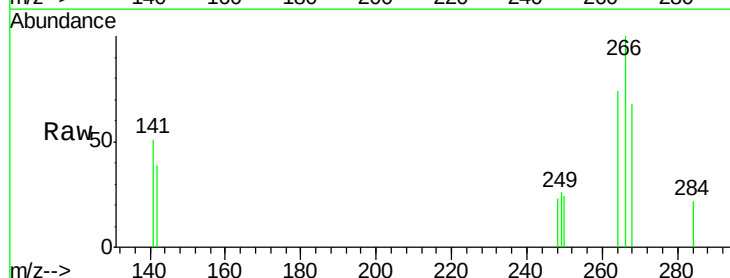


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

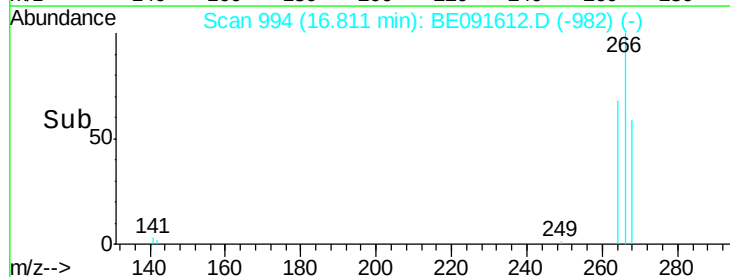
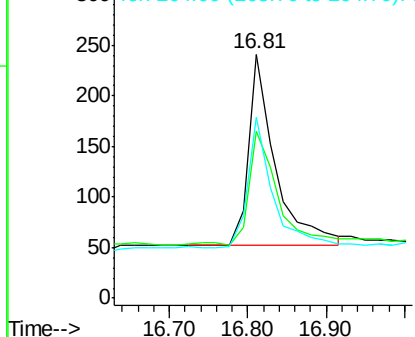


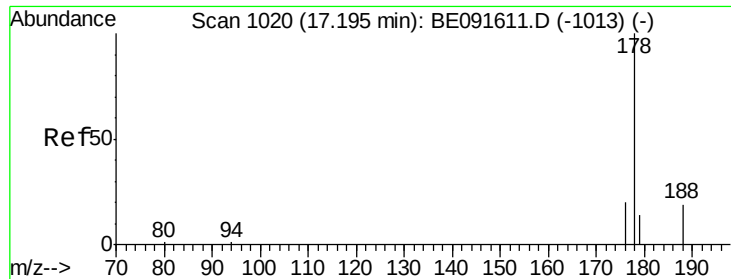
#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:266 Resp: 451
Ion Ratio Lower Upper
266 100
268 68.5 58.2 87.2
264 74.3 56.2 84.4



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





#23

Phenanthrene

Concen: 0.18 ng

RT: 17.20 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

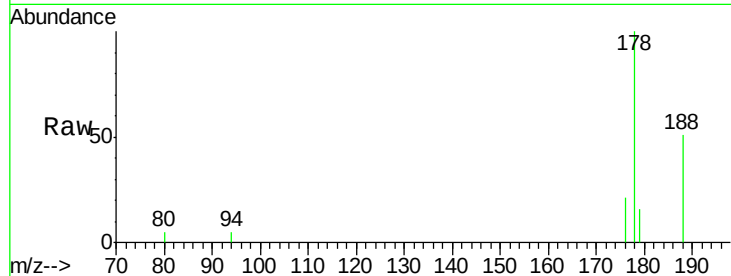
Tot Ion:178 Resp: 12135

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

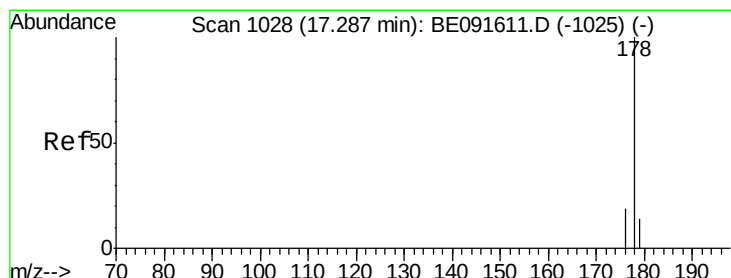
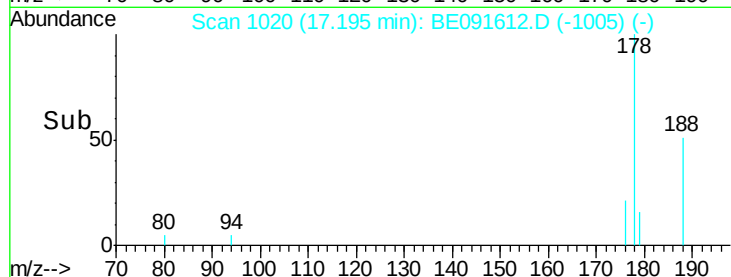
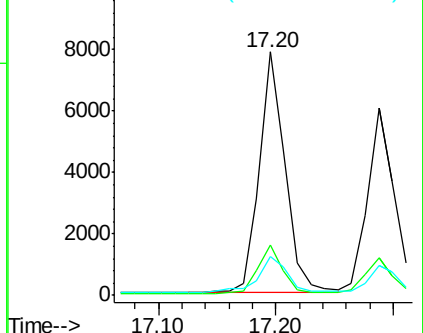
179 17.1 12.6 18.8



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



#24

Anthracene

Concen: 0.17 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

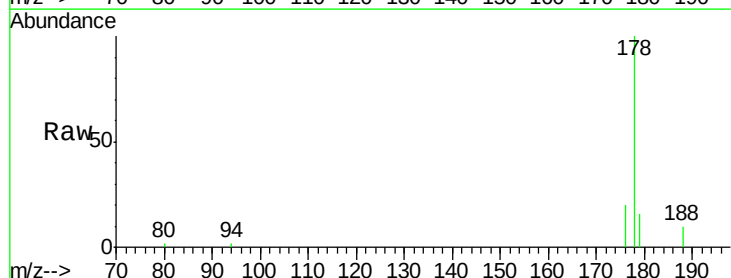
Tgt Ion:178 Resp: 10028

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

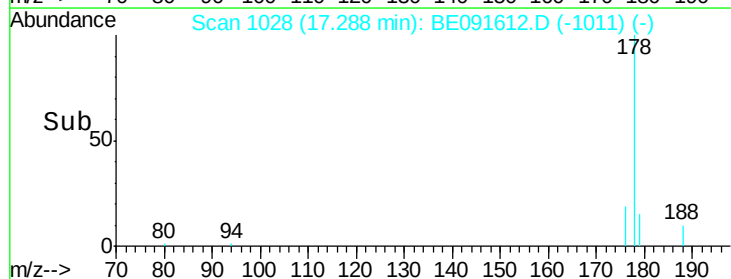
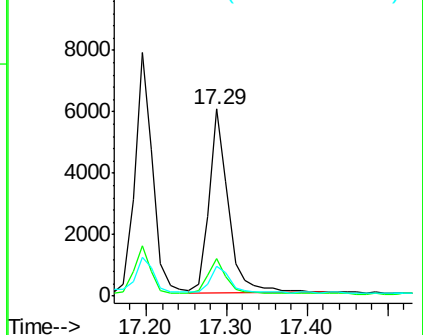
179 14.9 11.8 17.6

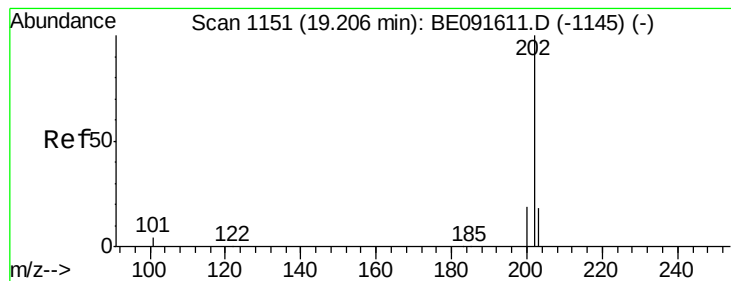


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.15 ng

RT: 19.20 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

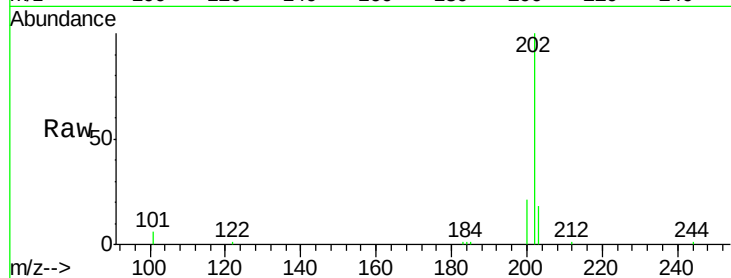
Tot Ion:202 Resp: 11794

Ion Ratio Lower Upper

202 100

101 10.7 11.0 16.6#

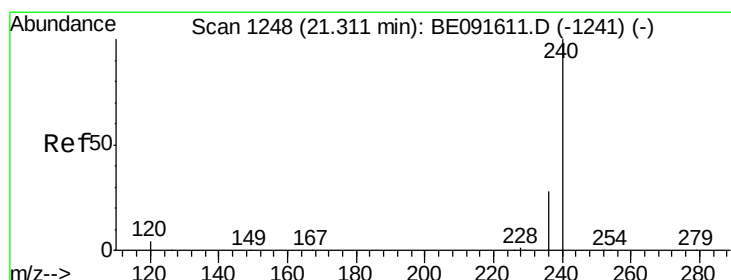
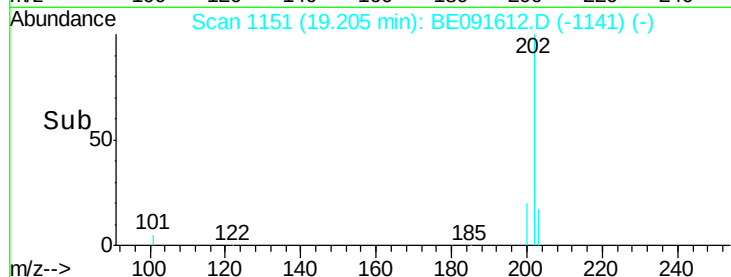
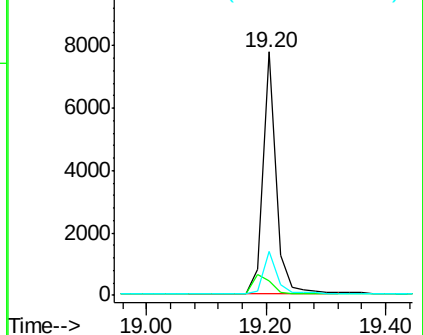
203 17.9 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

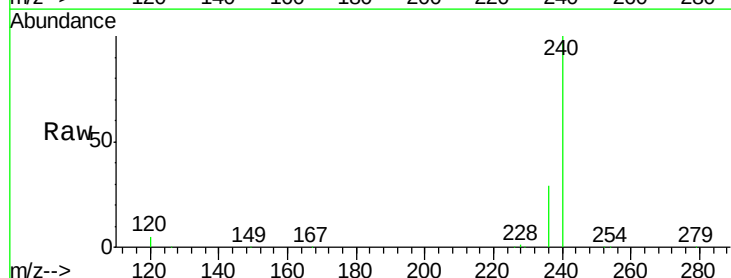
Tgt Ion:240 Resp: 328396

Ion Ratio Lower Upper

240 100

120 4.7 11.0 16.4#

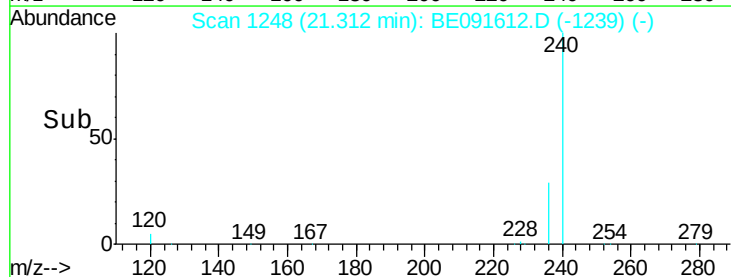
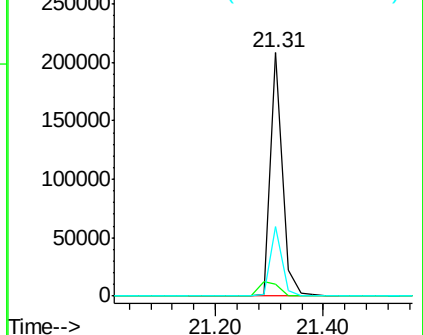
236 28.8 21.7 32.5

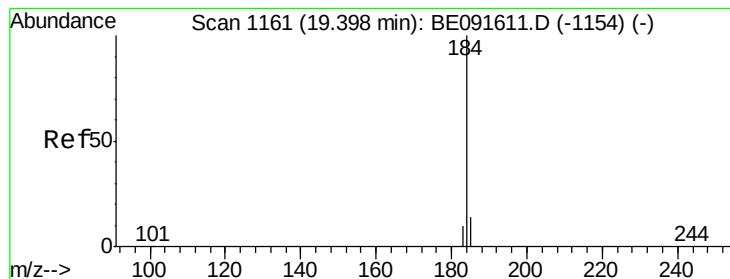


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.46 ng

RT: 19.40 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

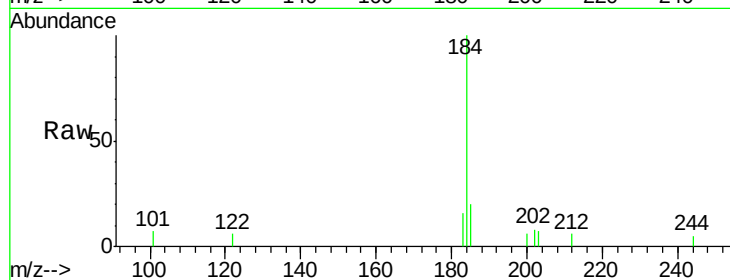
Tot Ion:184 Resp: 2709

Ion Ratio Lower Upper

184 100

185 19.8 22.3 33.5#

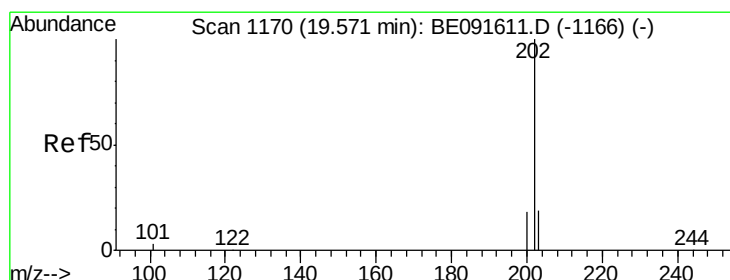
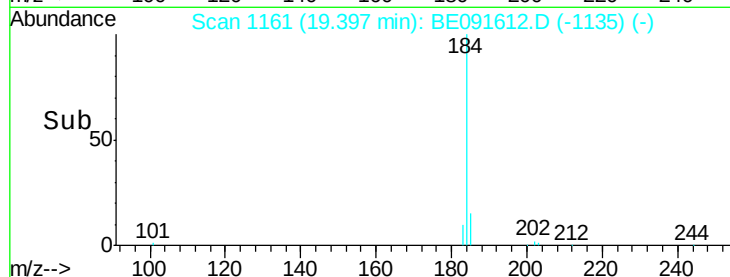
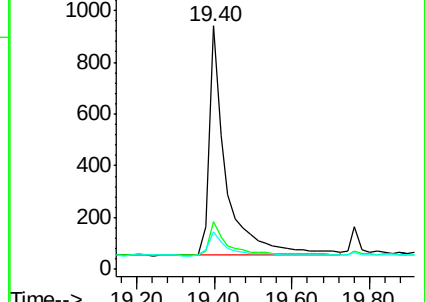
183 15.6 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.15 ng

RT: 19.57 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

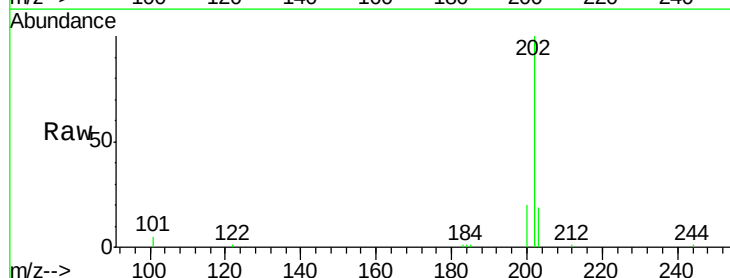
Tgt Ion:202 Resp: 12608

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

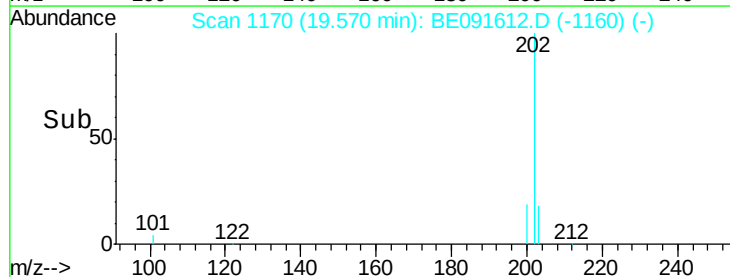
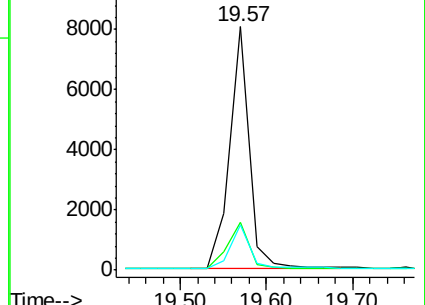
203 17.5 14.0 21.0

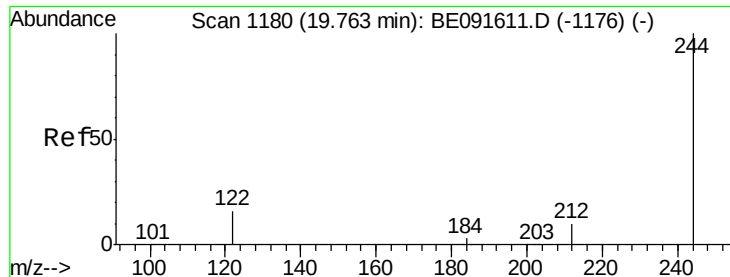


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.19 ng

RT: 19.78 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

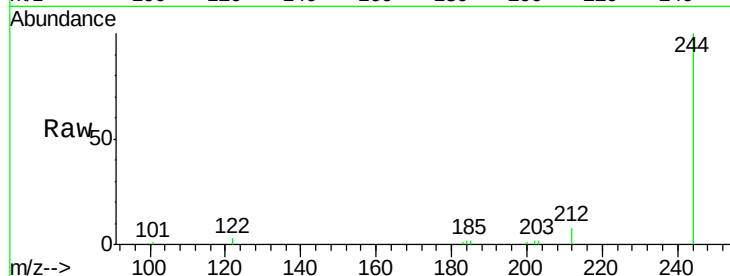
Tot Ion:244 Resp: 7873

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

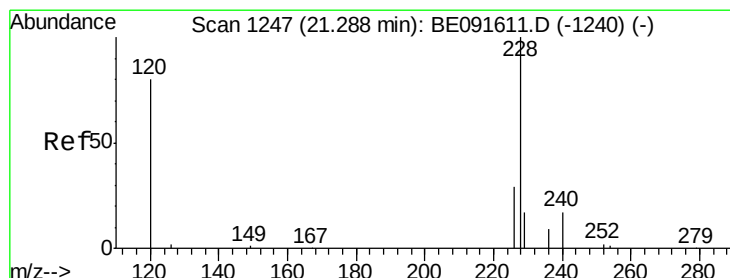
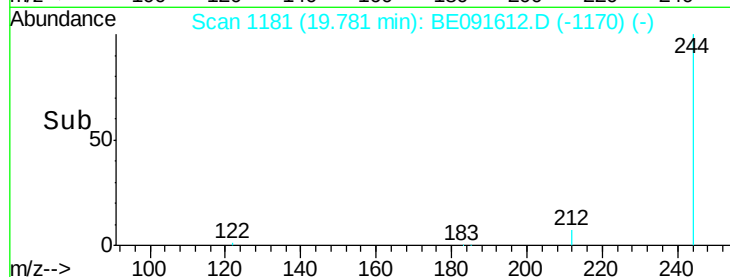
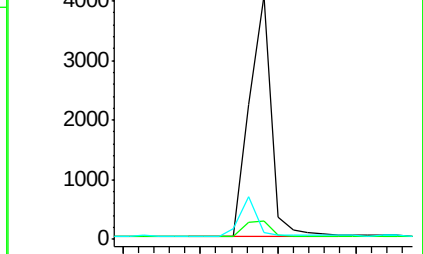
122 2.9 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.36 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

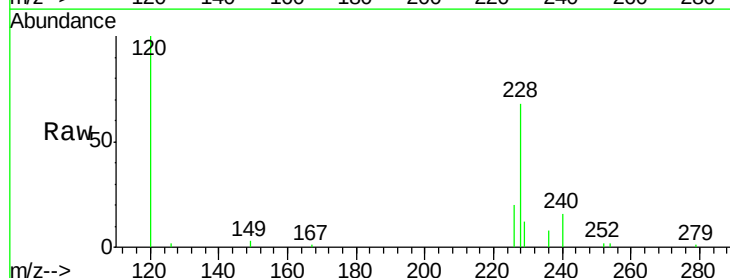
Tgt Ion:228 Resp: 27689

Ion Ratio Lower Upper

228 100

226 29.7 21.0 31.4

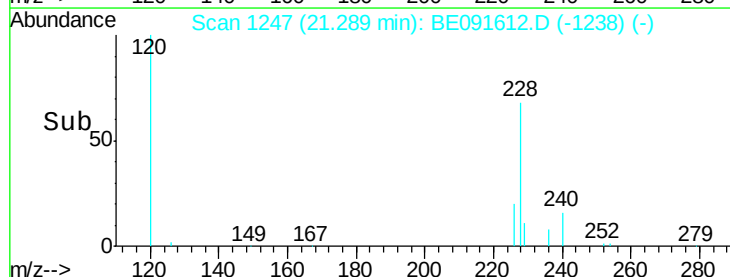
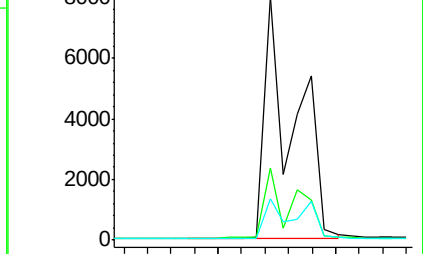
229 17.2 15.7 23.5

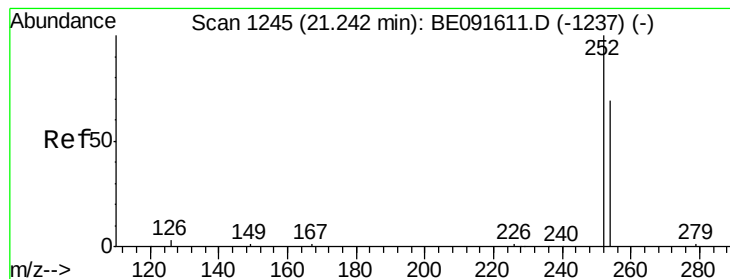


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.50 ng

RT: 21.24 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

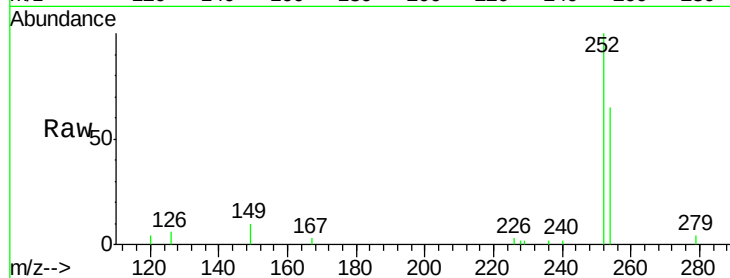
Tot Ion:252 Resp: 6585

Ion Ratio Lower Upper

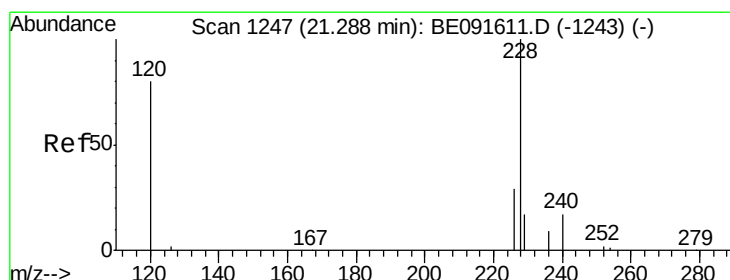
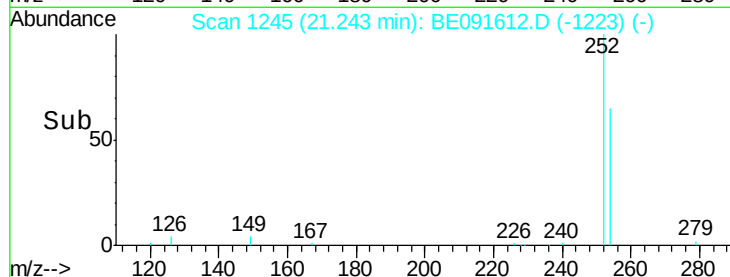
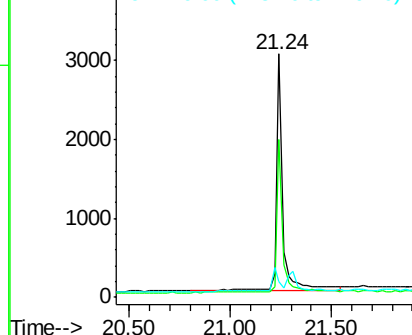
252 100

254 64.7 51.1 76.7

126 6.2 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.28 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.07 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

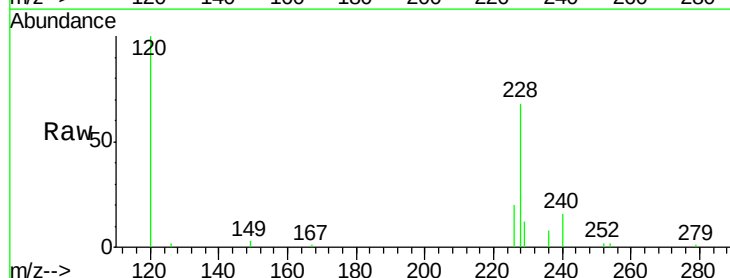
Tgt Ion:228 Resp: 27918

Ion Ratio Lower Upper

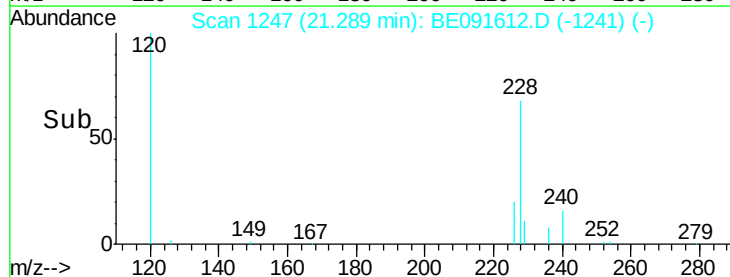
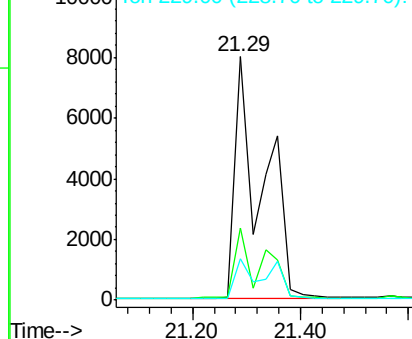
228 100

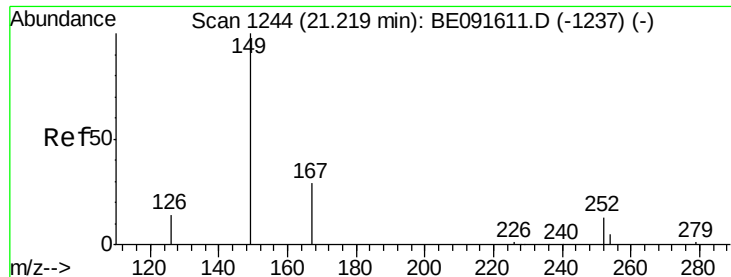
226 29.7 24.0 36.0

229 17.2 15.9 23.9



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

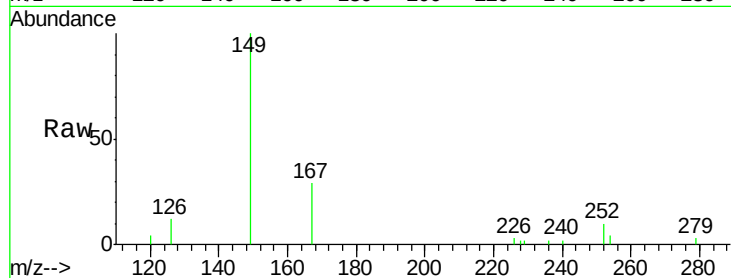
Tot Ion:149 Resp: 4167

Ion Ratio Lower Upper

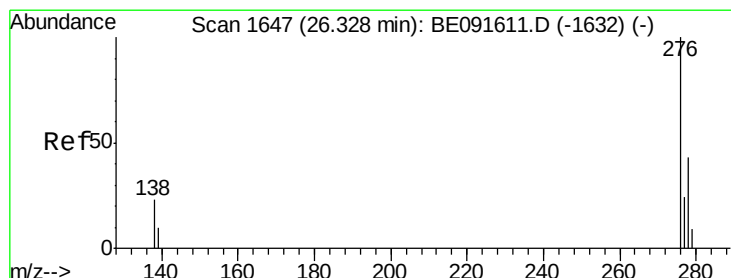
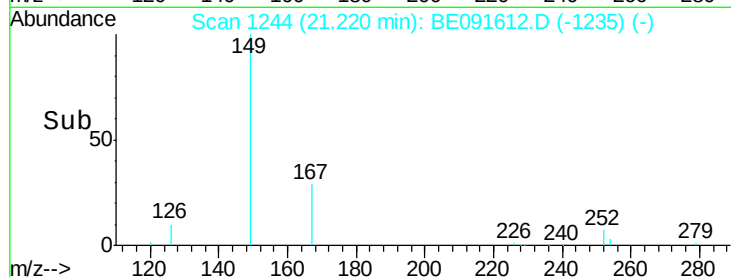
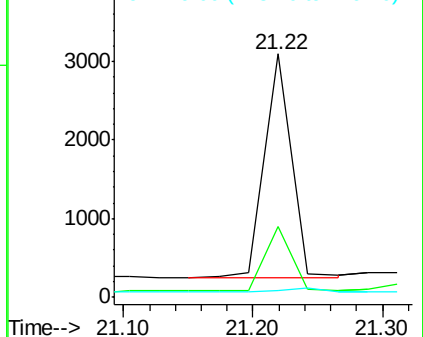
149 100

167 29.0 19.5 29.3

279 0.0 10.0 15.0#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.18 ng

RT: 26.33 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

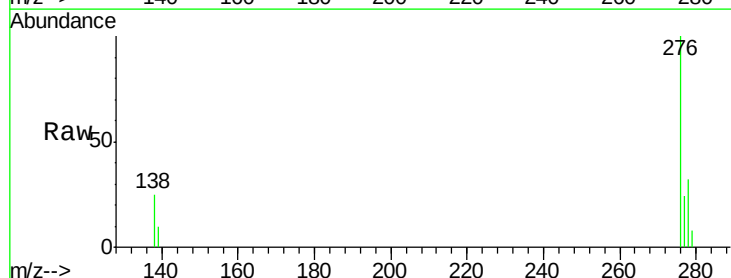
Tgt Ion:276 Resp: 14453

Ion Ratio Lower Upper

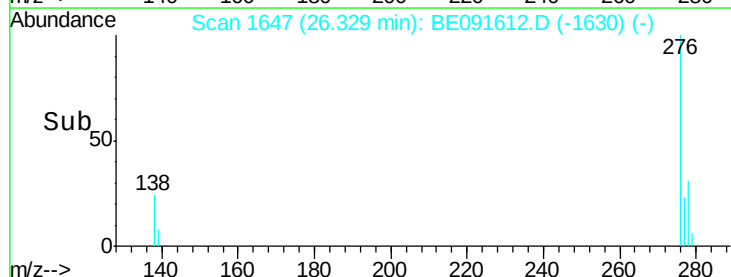
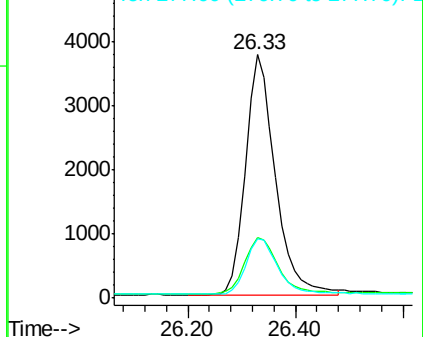
276 100

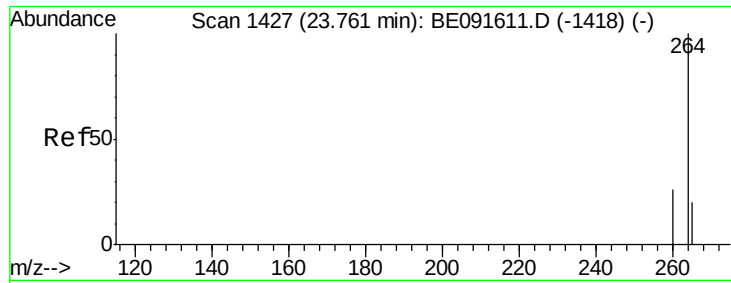
138 25.9 23.4 35.2

277 24.5 19.8 29.8



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





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.76 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

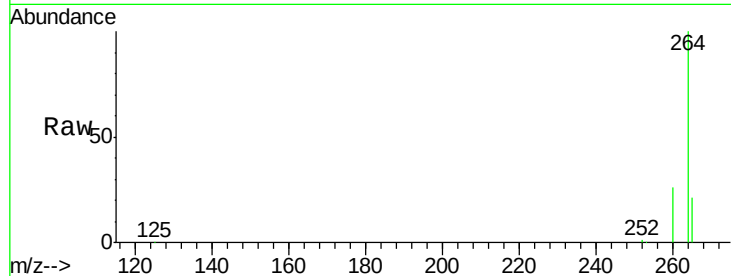
Tot Ion:264 Resp: 294484

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

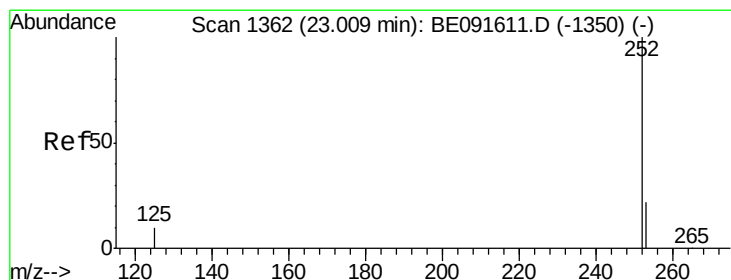
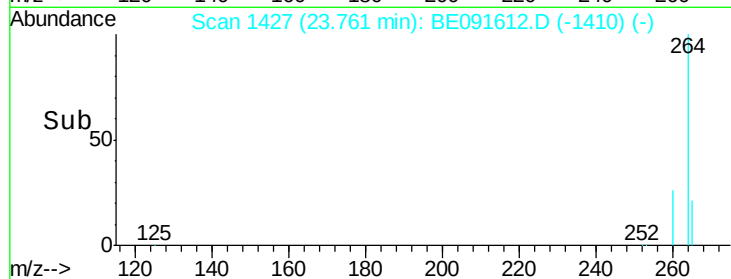
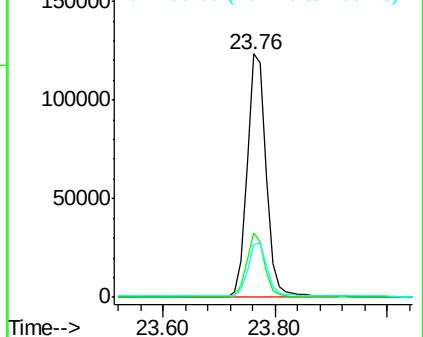
265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#36

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 23.01 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

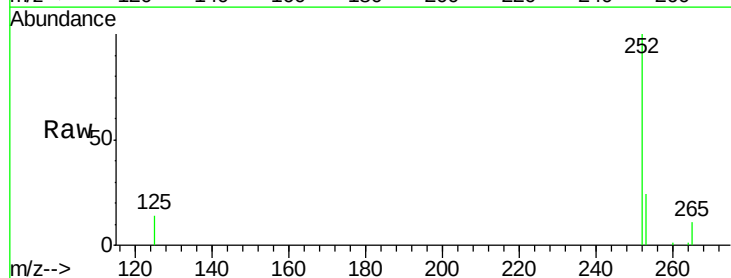
Tgt Ion:252 Resp: 13048

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

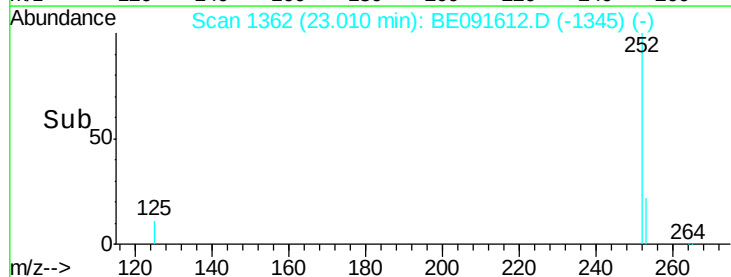
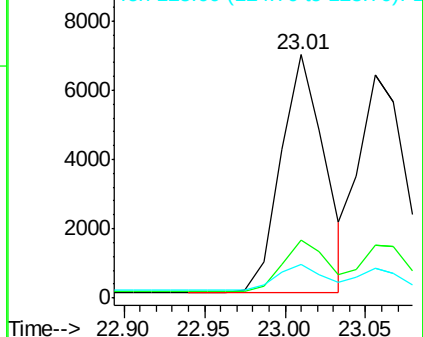
125 14.0 10.2 15.2

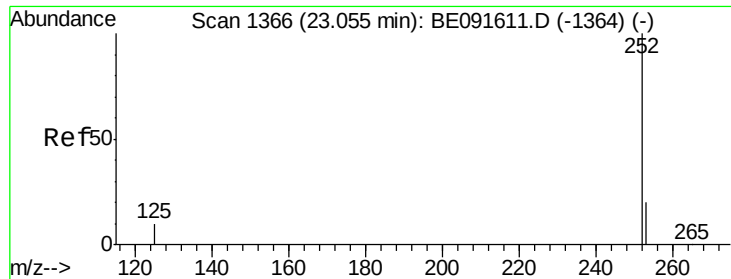


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

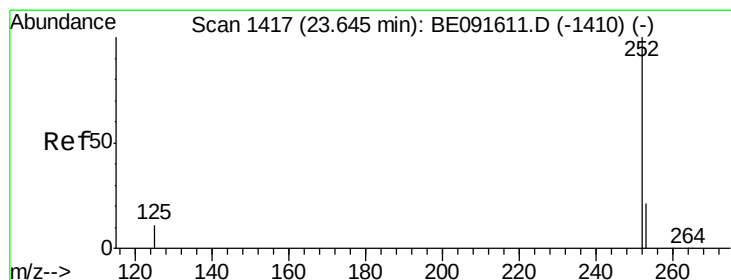
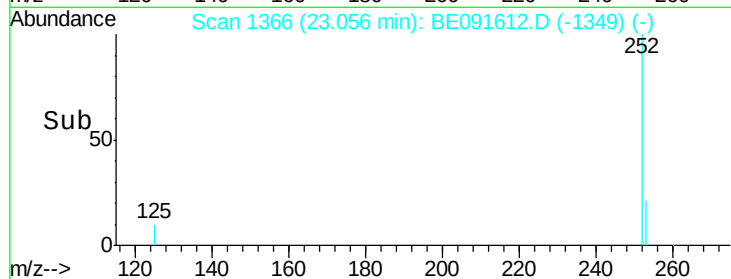
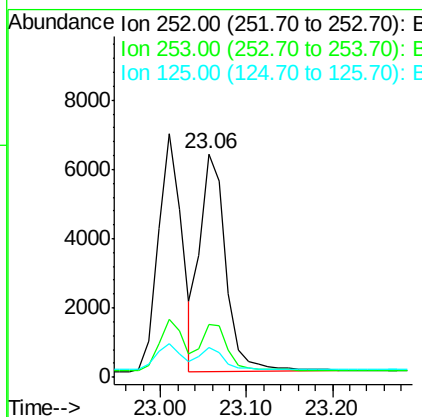
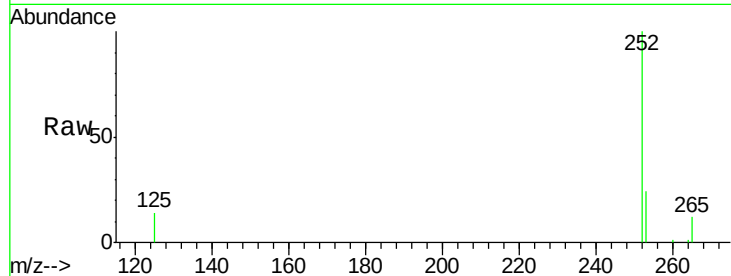




#37
Benzo(k)fluoranthene
Concen: 0.15 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

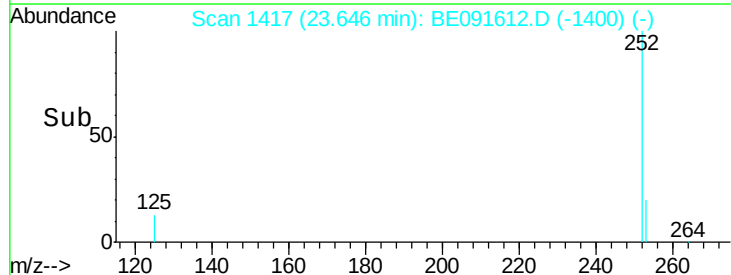
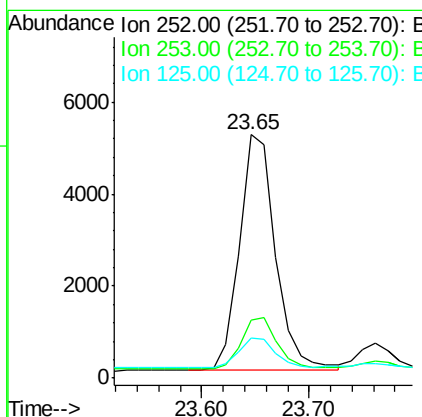
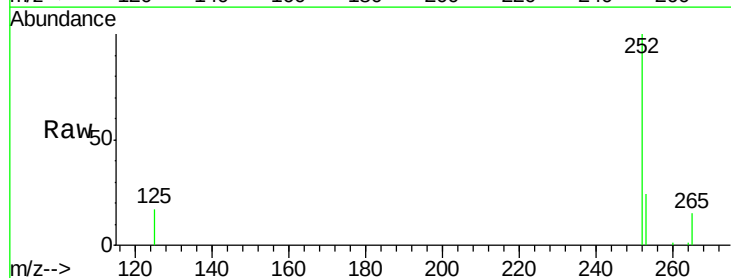
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

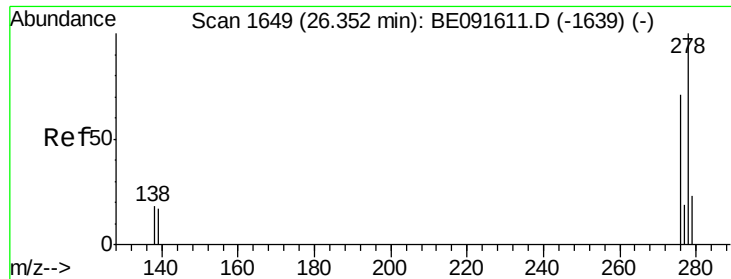
Tot Ion:252 Resp: 13089
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 13.6 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:252 Resp: 11992
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 16.7 11.0 16.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.20 ng

RT: 26.36 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

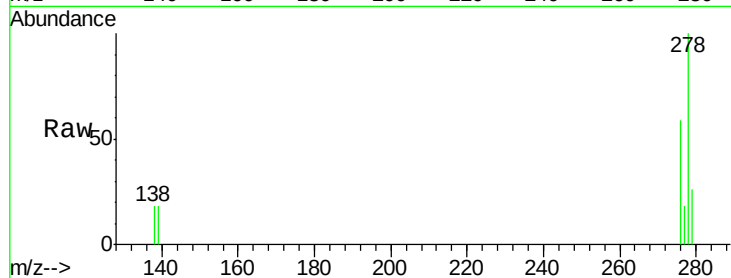
Tot Ion:278 Resp: 11802

Ion Ratio Lower Upper

278 100

139 17.9 16.0 24.0

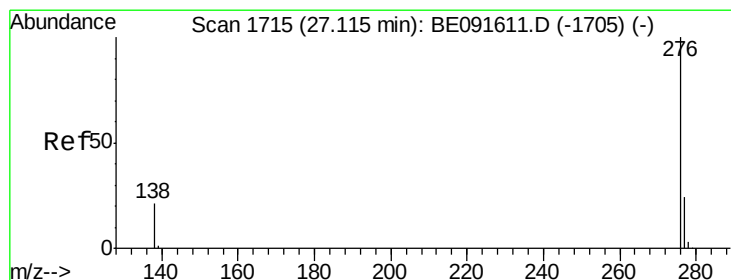
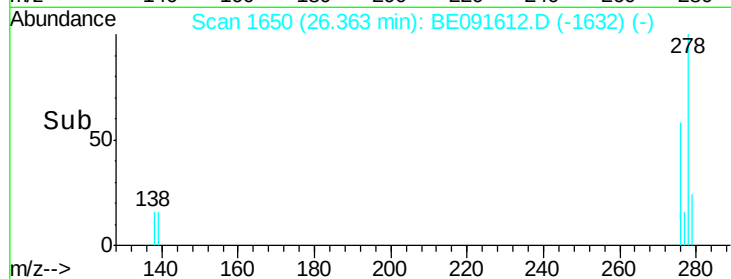
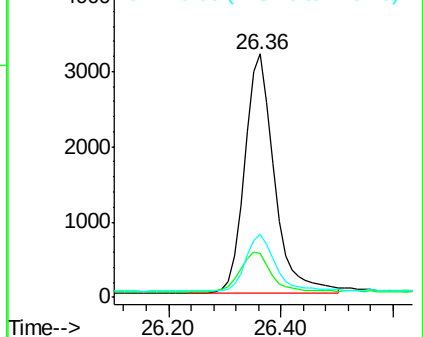
279 25.7 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.19 ng

RT: 27.13 min Scan# 1716

Delta R.T. 0.01 min

Lab File: BE091612.D

Acq: 8 Apr 2016 15:13

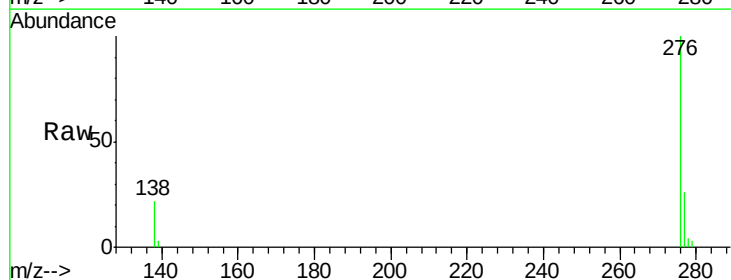
Tgt Ion:276 Resp: 12381

Ion Ratio Lower Upper

276 100

277 25.6 18.6 28.0

138 22.1 20.4 30.6



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

