

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094104.D
 Acq On : 25 Sep 2017 16:08
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Sep 25 17:00:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 15:34:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1330	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6219	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	3626	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14129	0.40	ng	0.00
27) Chrysene-d12	21.40	240	13857	0.40	ng	0.00
34) Perylene-d12	23.91	264	12993	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	7581	1.09	ng	0.00
5) Phenol-d6	7.09	99	10946	1.39	ng	0.00
8) Nitrobenzene-d5	9.04	82	9049	1.64	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	15007	1.42	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	3002	1.09	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	19346	1.62	ng	0.00
25) Fluoranthene-d10	19.27	212	212455	1.17	ng	0.00
29) Terphenyl-d14	19.85	244	38078	1.75	ng	0.00

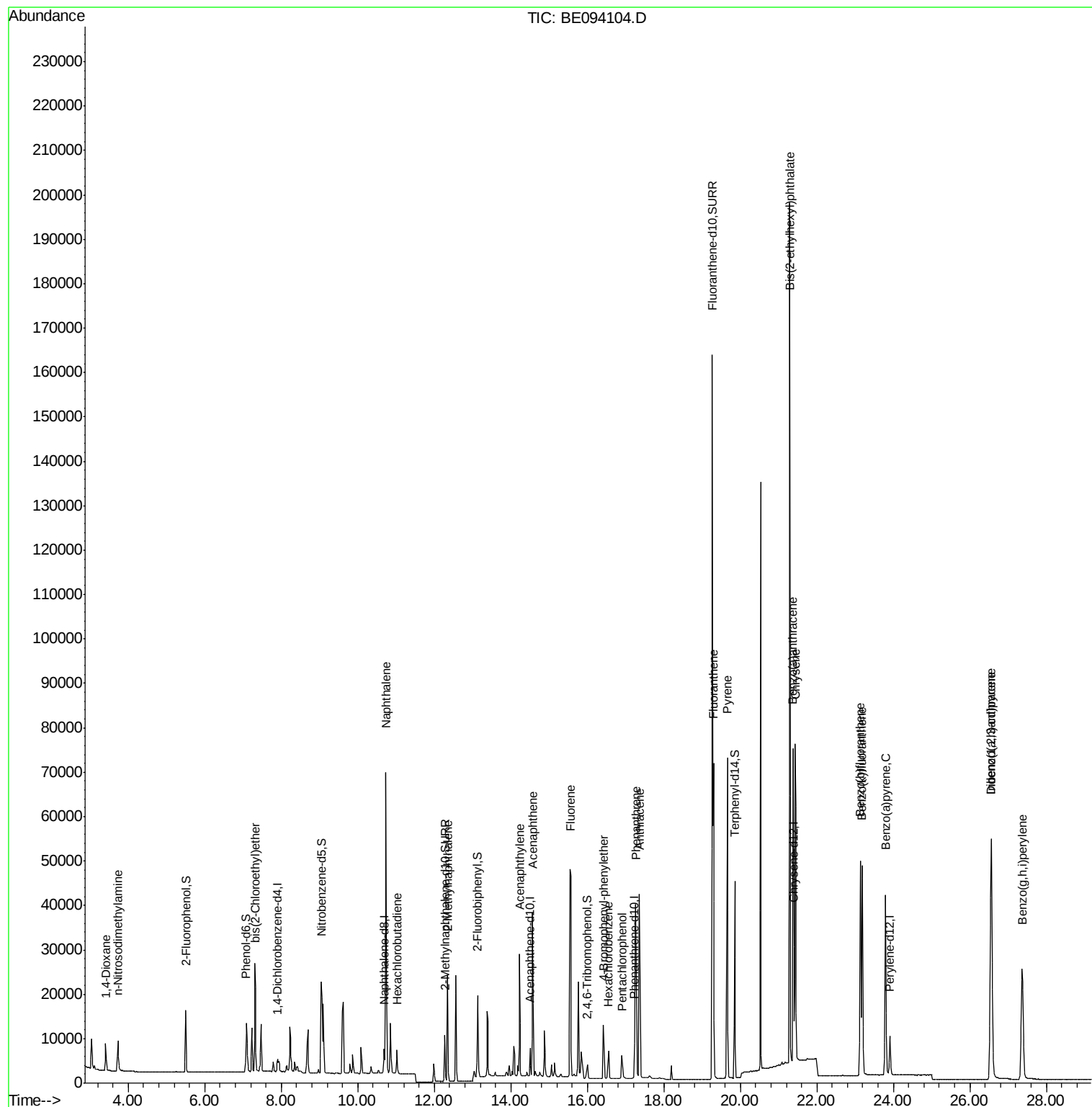
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	3681	1.326	ng	# 83
3) n-Nitrosodimethylamine	3.73	42	4786	1.392	ng	# 93
6) bis(2-Chloroethyl)ether	7.33	93	8523	1.451	ng	95
9) Naphthalene	10.74	128	109273	1.379	ng	99
10) Hexachlorobutadiene	11.03	225	3973	1.578	ng	98
12) 2-Methylnaphthalene	12.34	142	17899	1.425	ng	99
16) Acenaphthylene	14.23	152	29906	1.638	ng	100
17) Acenaphthene	14.57	154	18683	1.543	ng	98
18) Fluorene	15.56	166	25040	1.389	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	8631	1.143	ng	# 85
21) Hexachlorobenzene	16.55	284	5281	0.953	ng	# 71
22) Pentachlorophenol	16.91	266	4905	12.424	ng	# 70
23) Phenanthrene	17.27	178	58836	1.163	ng	97
24) Anthracene	17.37	178	61928	1.587	ng	97
26) Fluoranthene	19.30	202	63579	1.171	ng	100
28) Pyrene	19.66	202	67949	1.772	ng	100
30) Benzo(a)anthracene	21.38	228	72345	1.559	ng	97
31) Chrysene	21.44	228	70782	1.556	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	199365	1.599	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	71181	2.025	ng	99
35) Benzo(b)fluoranthene	23.14	252	68997	1.467	ng	99
36) Benzo(k)fluoranthene	23.19	252	67580	1.432	ng	97
37) Benzo(a)pyrene	23.80	252	64914	1.537	ng	97
38) Dibenzo(a,h)anthracene	26.56	278	61291	1.813	ng	99
39) Benzo(g,h,i)perylene	27.37	276	60659	1.795	ng	97

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

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QLast Update : Mon Sep 25 15:34:48 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

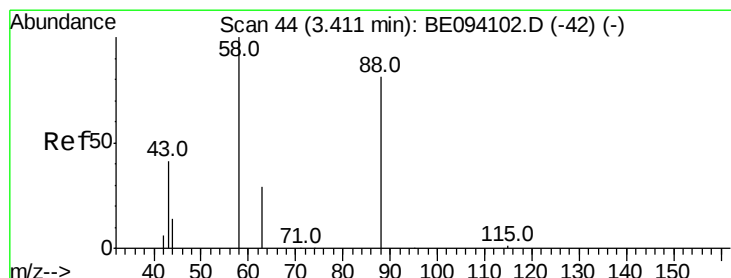
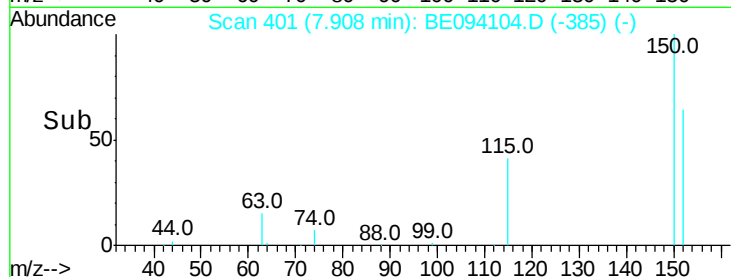
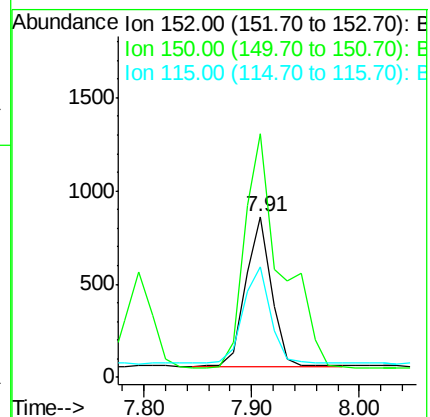
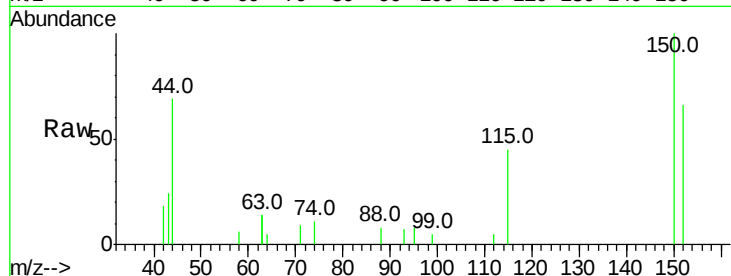
Tot Ion:152 Resp: 1330

Ion Ratio Lower Upper

152 100

150 151.7 117.2 175.8

115 68.9 57.0 85.6



#2

1,4-Dioxane

Concen: 1.326 ng

RT: 3.41 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

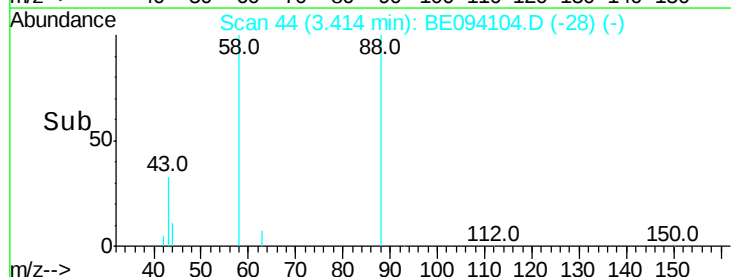
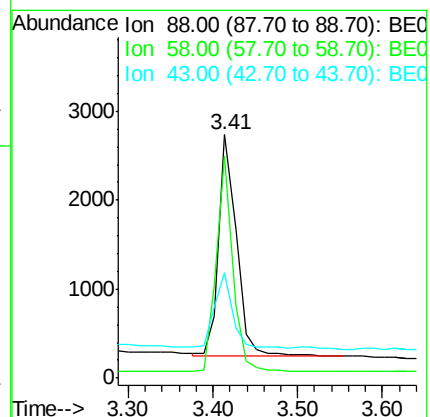
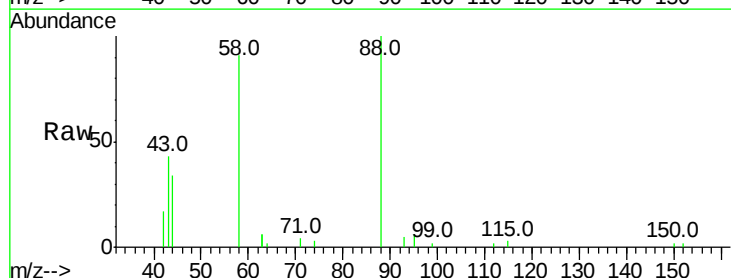
Tgt Ion: 88 Resp: 3681

Ion Ratio Lower Upper

88 100

58 89.5 63.2 94.8

43 33.9 41.2 61.8#



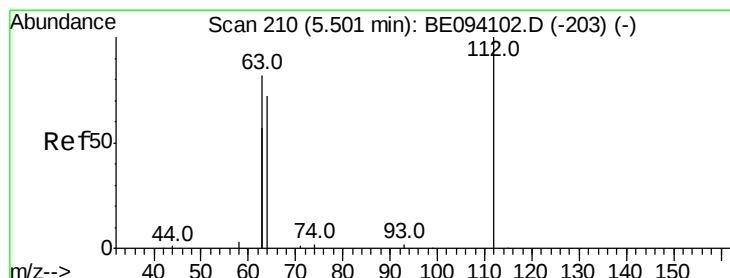
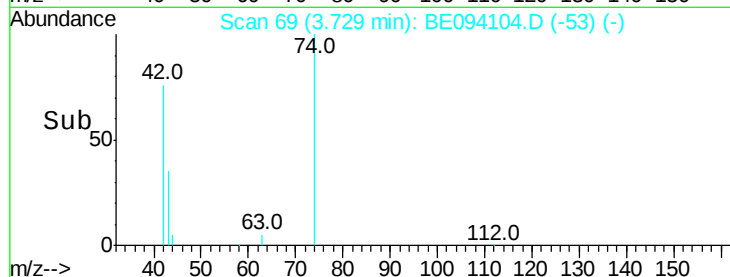
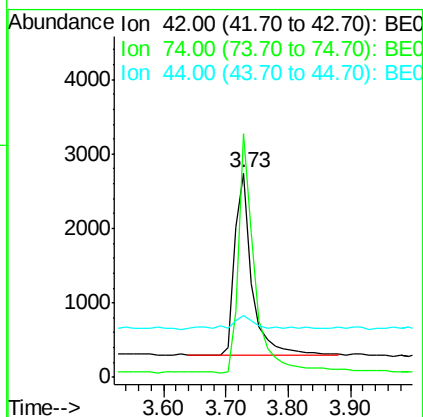
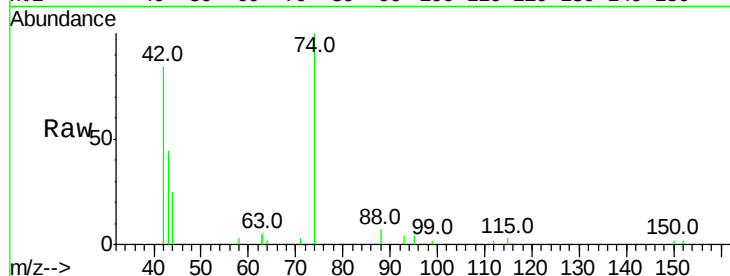


#3

n-Nitrosodimethylamine
 Concen: 1.392 ng
 RT: 3.73 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE094104.D
 Acq: 25 Sep 2017 16:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

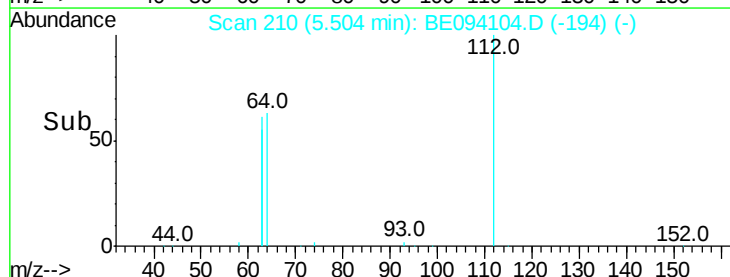
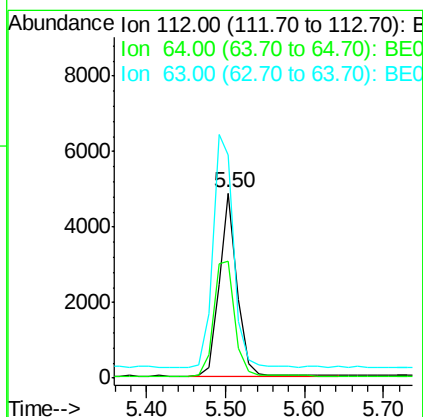
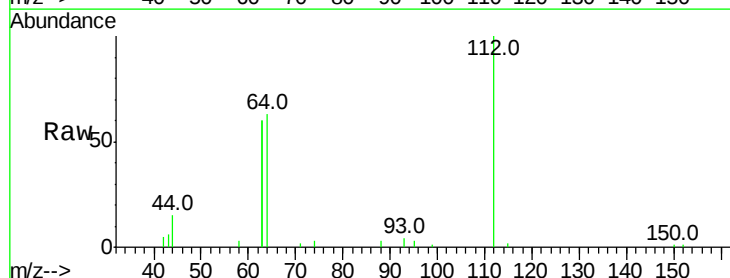
Tot Ion: 42 Resp: 4786
 Ion Ratio Lower Upper
 42 100
 74 121.2 100.3 150.5
 44 8.7 17.0 25.4#

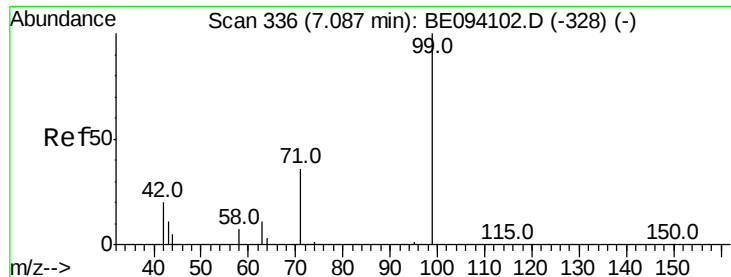


#4

2-Fluorophenol
 Concen: 1.086 ng
 RT: 5.50 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: BE094104.D
 Acq: 25 Sep 2017 16:08

Tgt Ion: 112 Resp: 7581
 Ion Ratio Lower Upper
 112 100
 64 75.7 60.1 90.1
 63 150.8 116.8 175.2





#5

Phenol-d6

Concen: 1.392 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

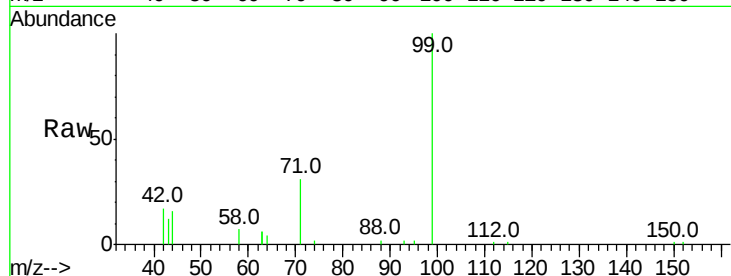
Tot Ion: 99 Resp: 10946

Ion Ratio Lower Upper

99 100

42 22.9 20.2 30.2

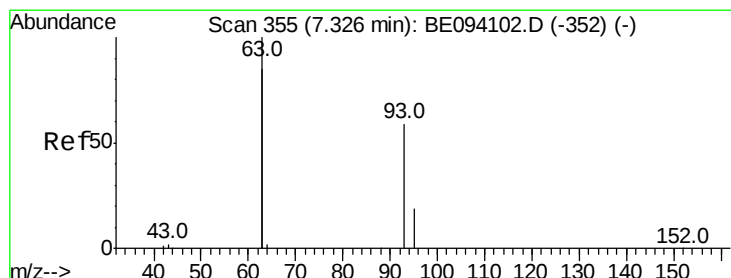
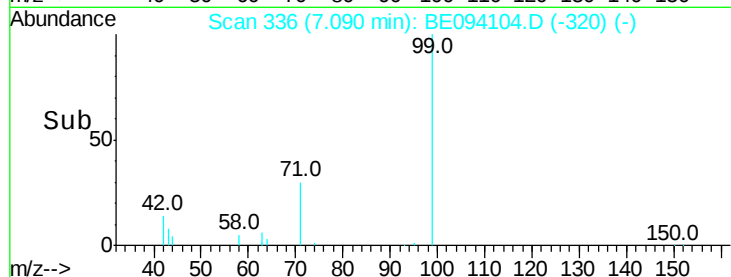
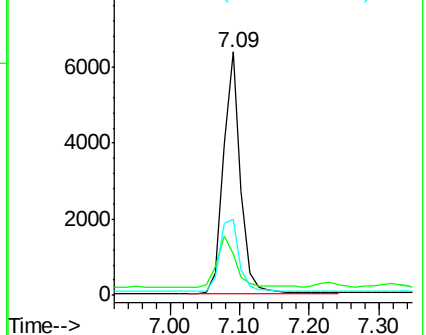
71 34.4 28.4 42.6



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: 1.451 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

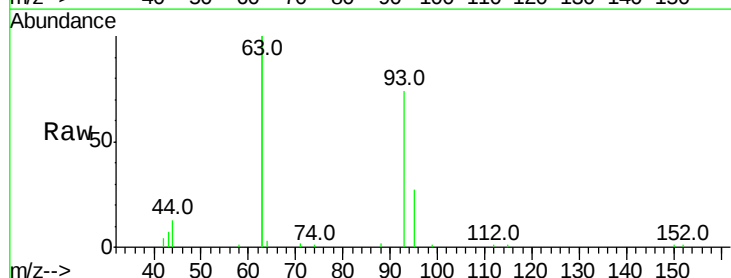
Tgt Ion: 93 Resp: 8523

Ion Ratio Lower Upper

93 100

63 356.2 275.3 412.9

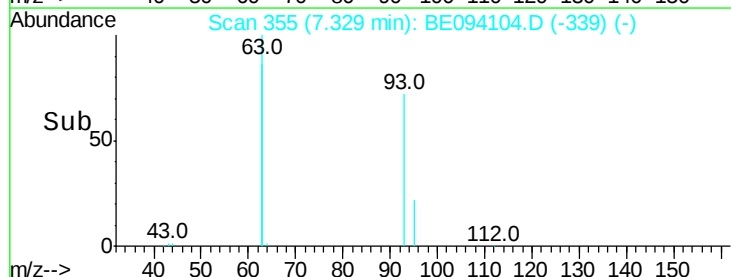
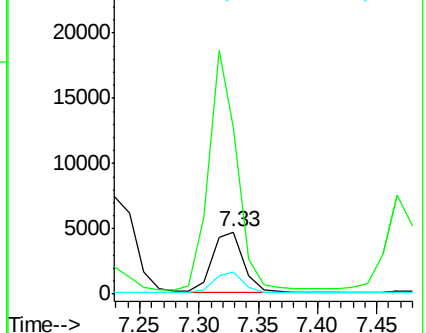
95 32.3 25.2 37.8



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: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 6219

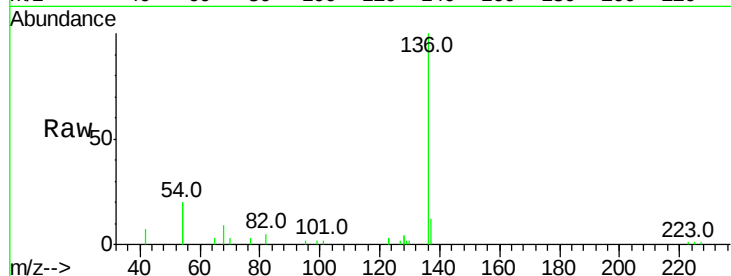
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 40.4 29.1 43.7

68 8.7 6.2 9.2

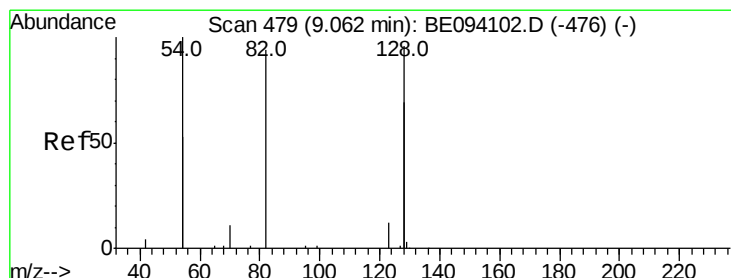
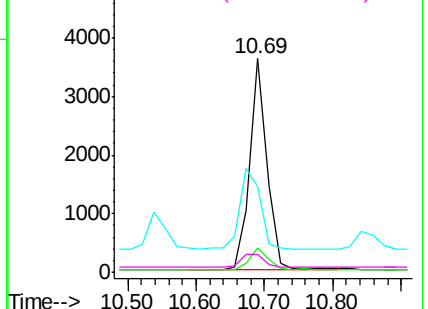
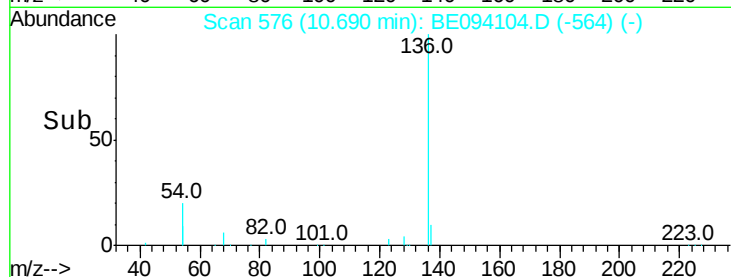


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.636 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

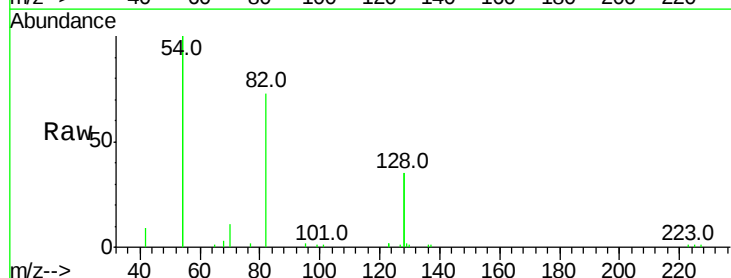
Tgt Ion: 82 Resp: 9049

Ion Ratio Lower Upper

82 100

128 95.6 150.0 225.0#

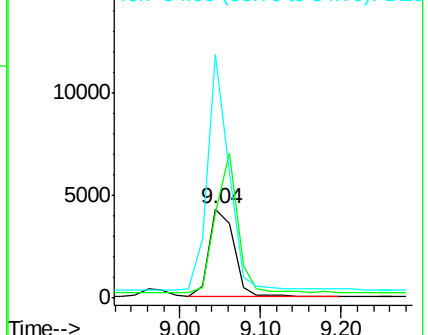
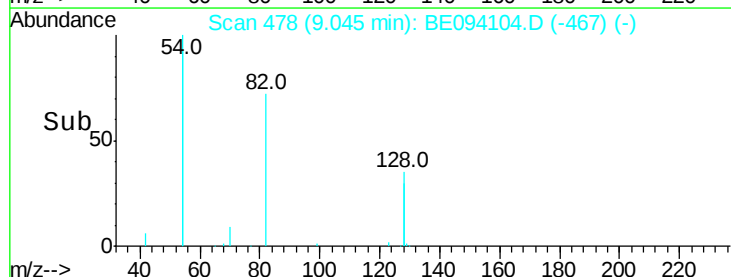
54 274.1 154.2 231.4#



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: 1.379 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

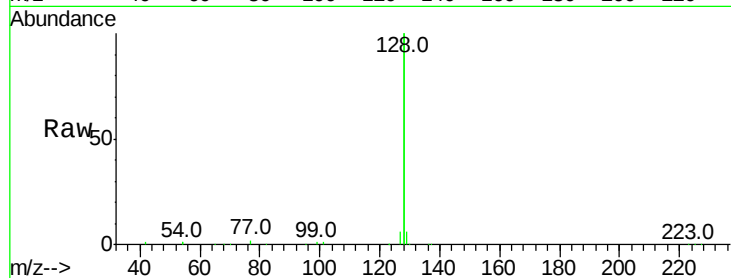
Tot Ion:128 Resp: 109273

Ion Ratio Lower Upper

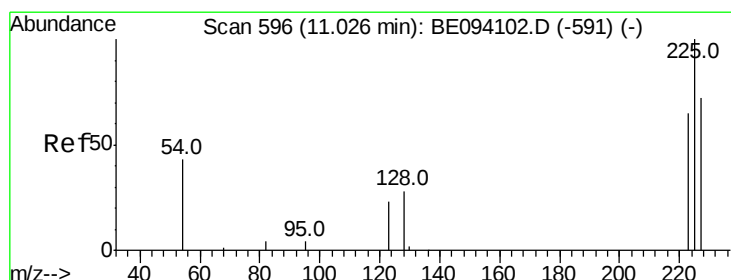
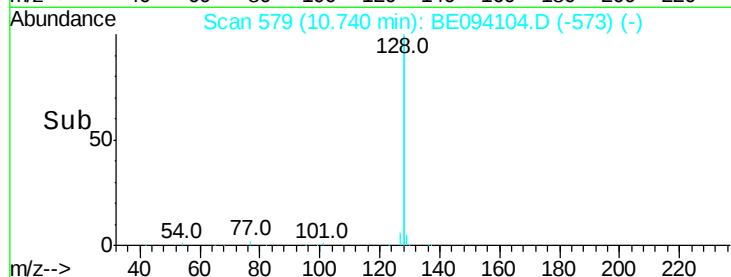
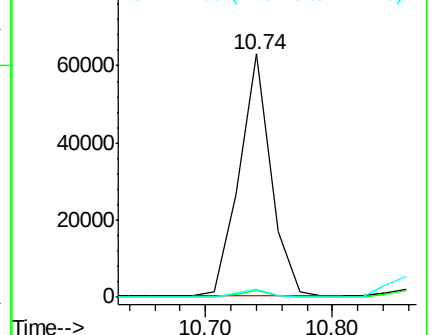
128 100

129 2.8 2.6 3.8

127 3.2 2.8 4.2



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: 1.578 ng

RT: 11.03 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

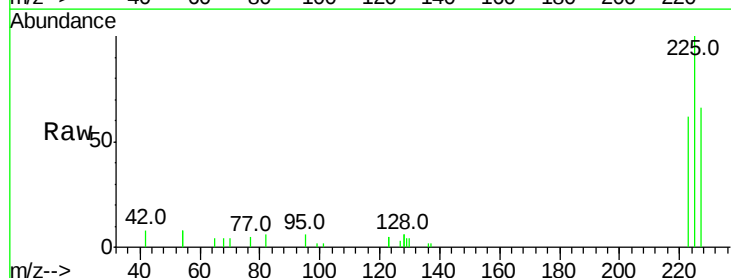
Tgt Ion:225 Resp: 3973

Ion Ratio Lower Upper

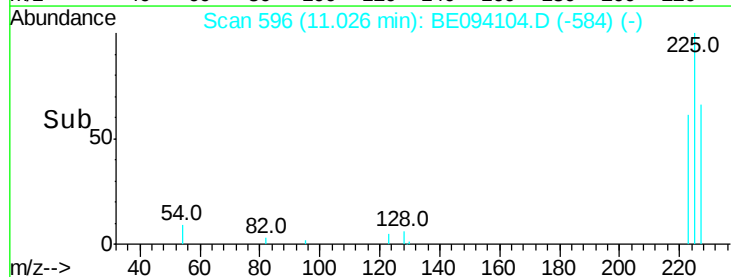
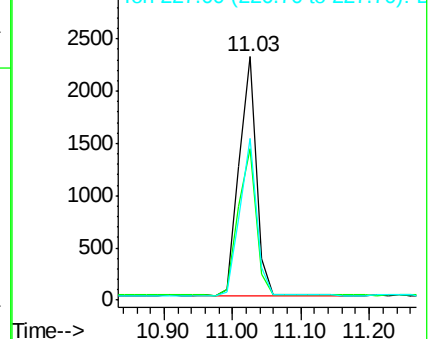
225 100

223 63.5 53.0 79.6

227 65.1 51.4 77.2



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-d10

Concen: 1.424 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

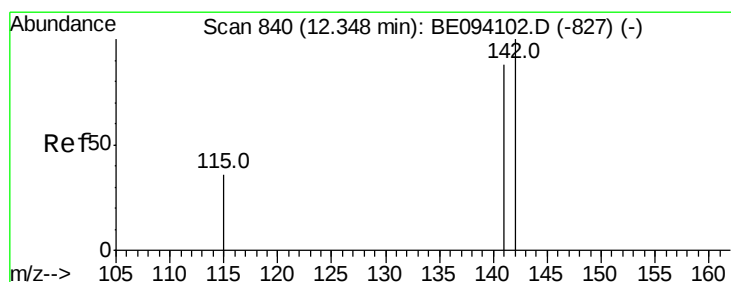
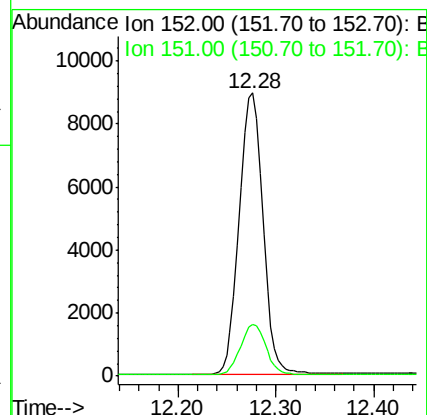
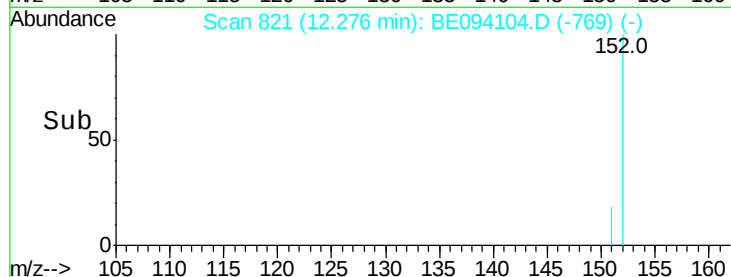
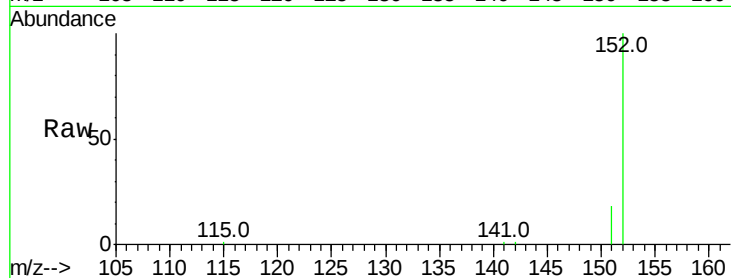
SSTDICC1.6

Tot Ion:152 Resp: 15007

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 1.425 ng

RT: 12.34 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

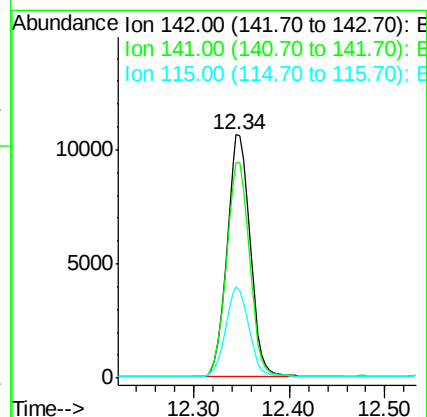
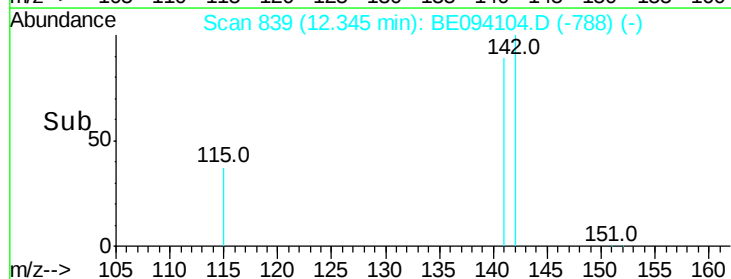
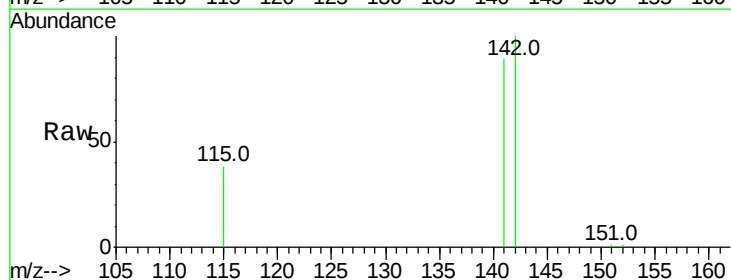
Tgt Ion:142 Resp: 17899

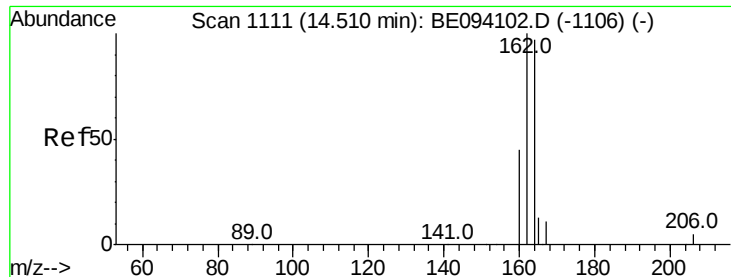
Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

115 37.7 31.7 47.5

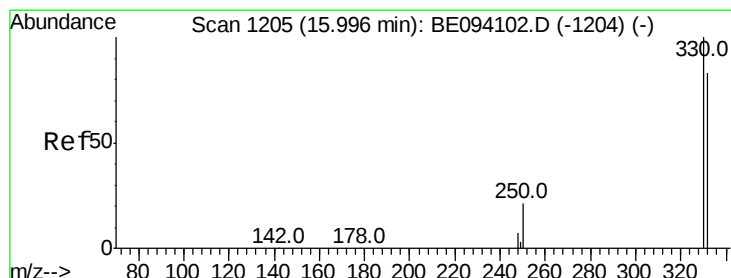
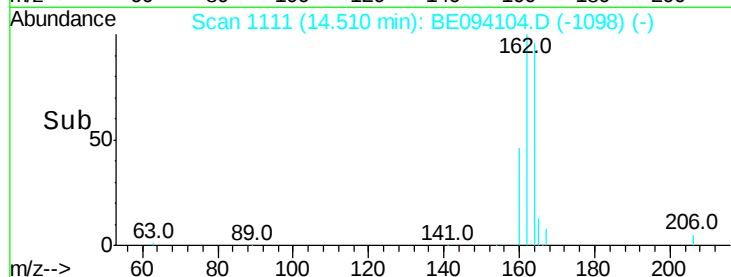
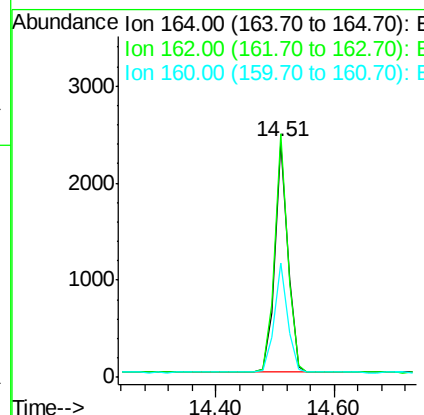
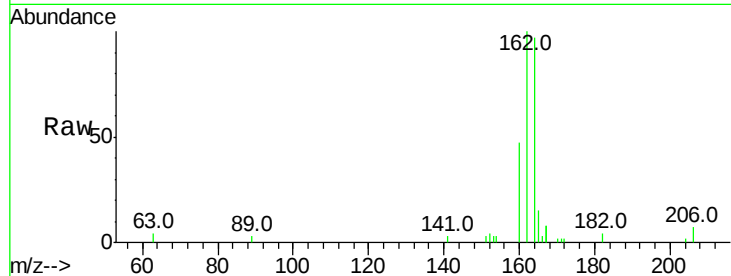




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

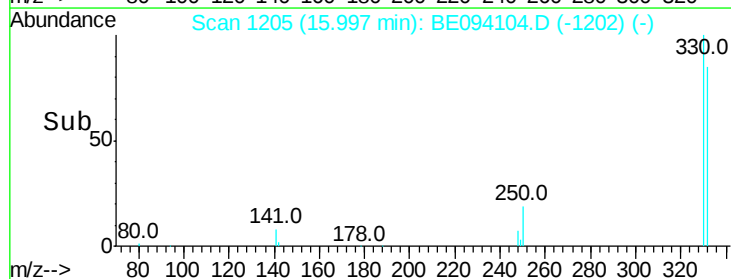
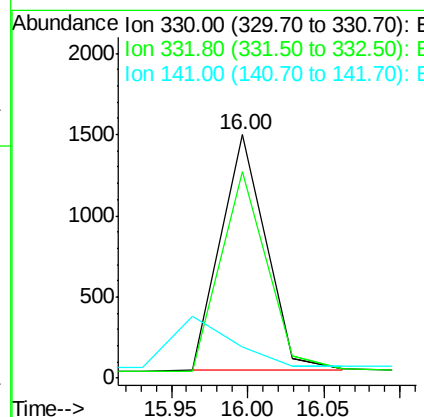
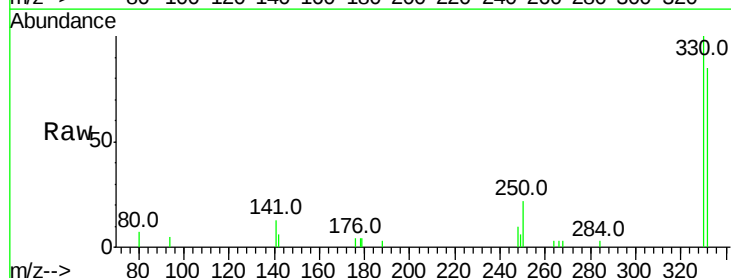
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:164 Resp: 3626
Ion Ratio Lower Upper
164 100
162 103.6 83.1 124.7
160 48.8 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 1.091 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:330 Resp: 3002
Ion Ratio Lower Upper
330 100
332 86.9 152.7 229.1#
141 0.0 33.7 50.5#

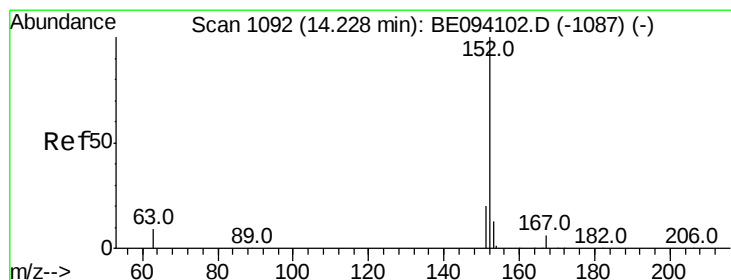
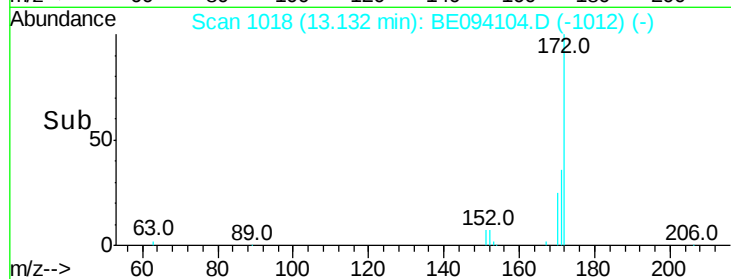
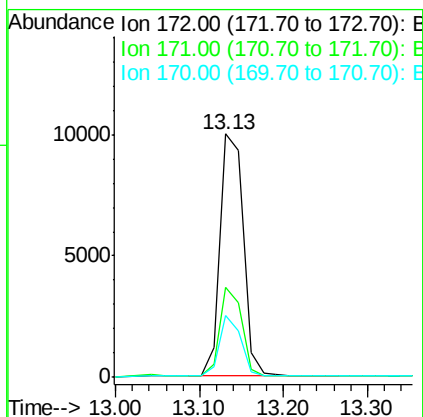
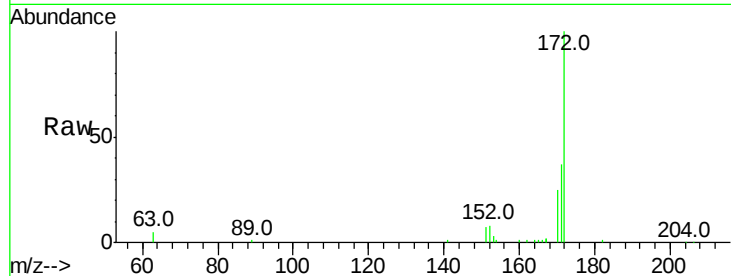




#15
2-Fluorobiphenyl
Concen: 1.624 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

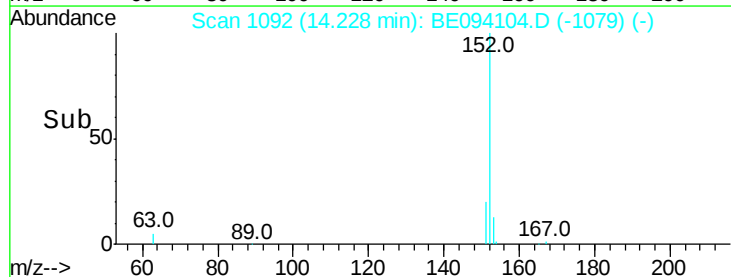
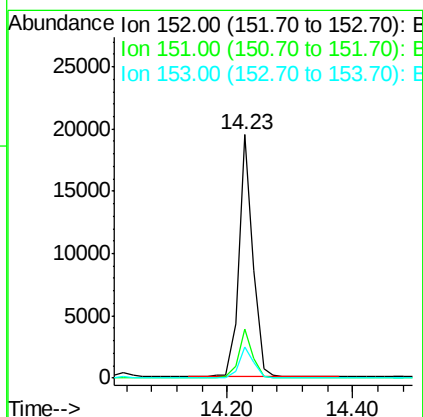
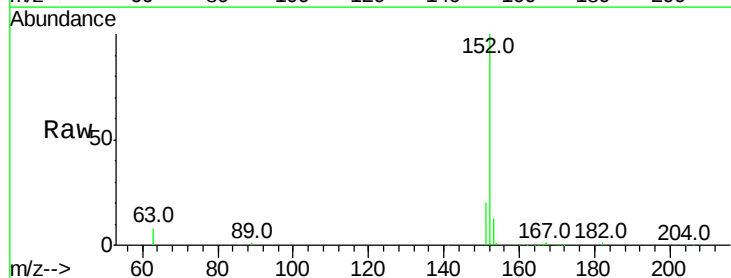
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:172 Resp: 19346
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 25.5 21.8 32.8



#16
Acenaphthylene
Concen: 1.638 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:152 Resp: 29906
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 1.543 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

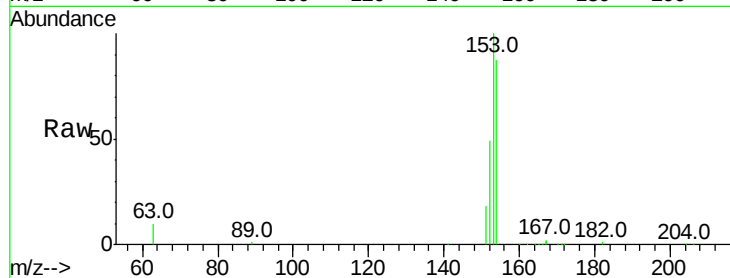
Tot Ion:154 Resp: 18683

Ion Ratio Lower Upper

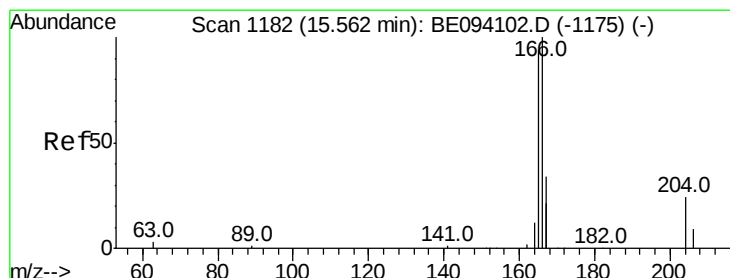
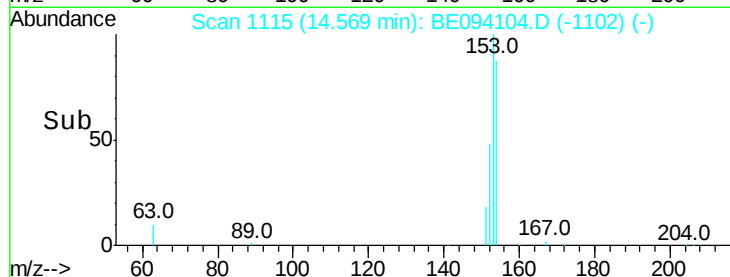
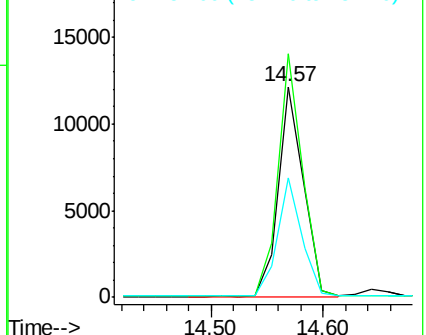
154 100

153 113.4 89.2 133.8

152 54.6 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 1.389 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

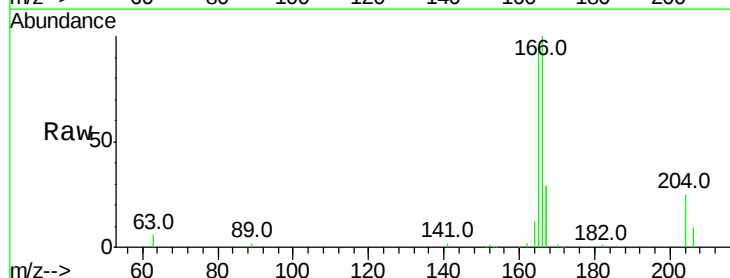
Tgt Ion:166 Resp: 25040

Ion Ratio Lower Upper

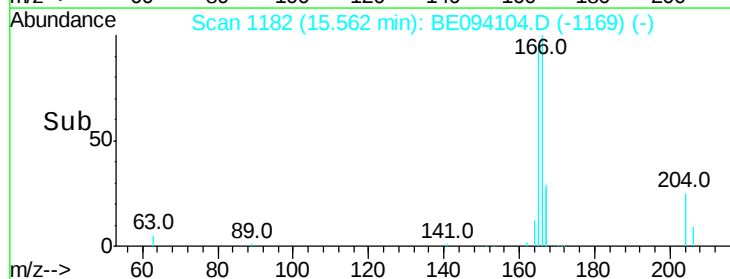
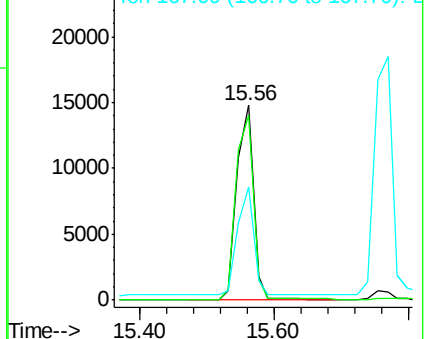
166 100

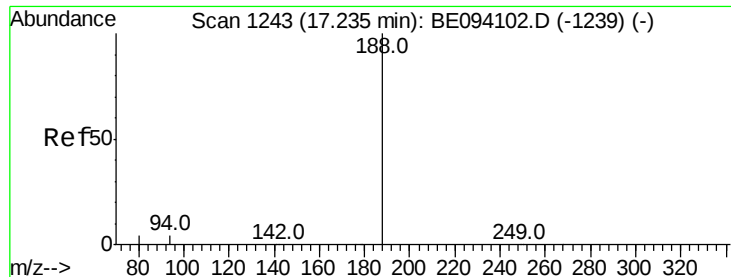
165 98.7 77.8 116.6

167 54.3 42.4 63.6



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

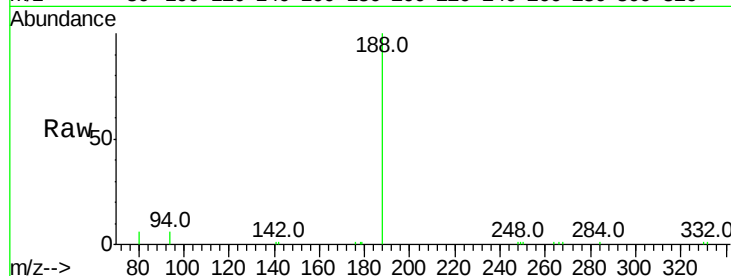
Tot Ion:188 Resp: 14129

Ion Ratio Lower Upper

188 100

94 6.0 3.9 5.9#

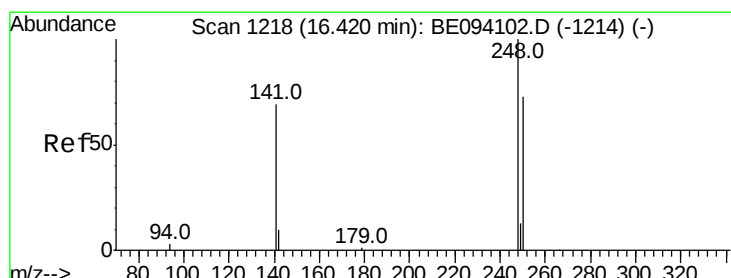
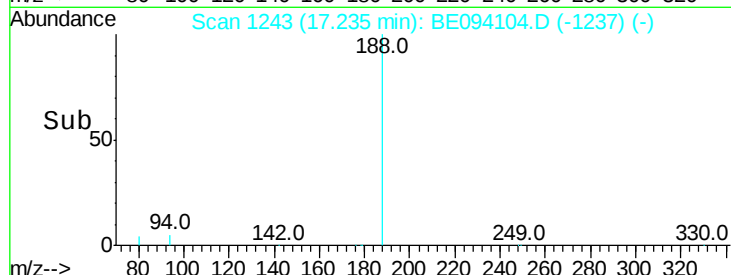
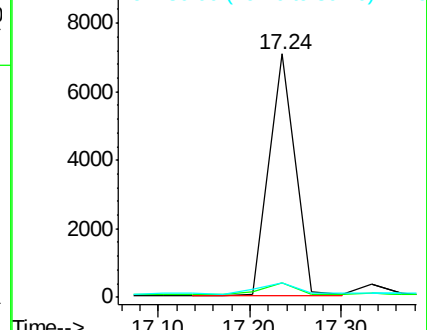
80 5.8 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 1.143 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

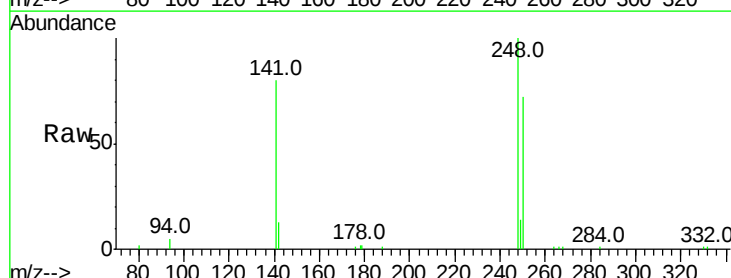
Tgt Ion:248 Resp: 8631

Ion Ratio Lower Upper

248 100

250 72.4 62.7 94.1

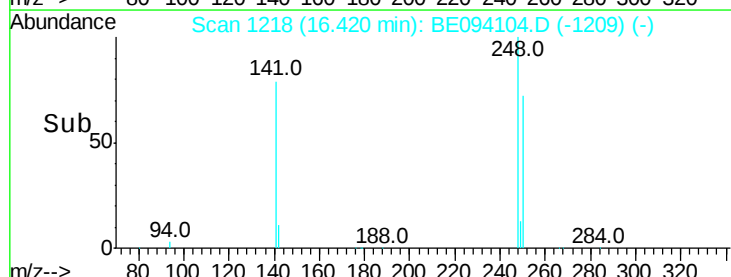
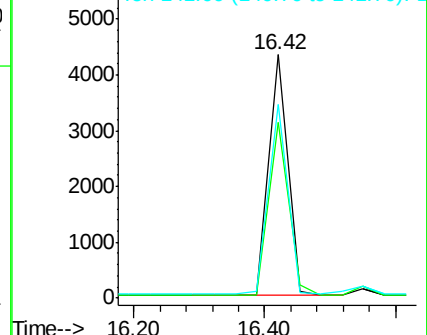
141 79.7 48.2 72.2#

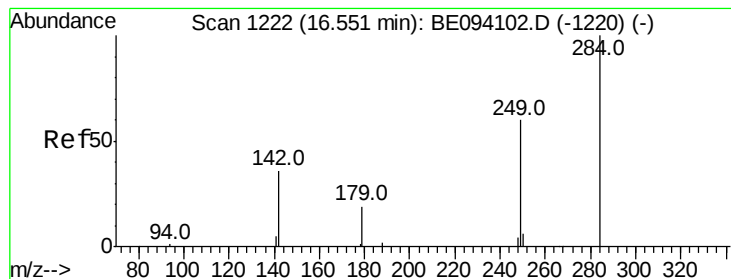


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.953 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

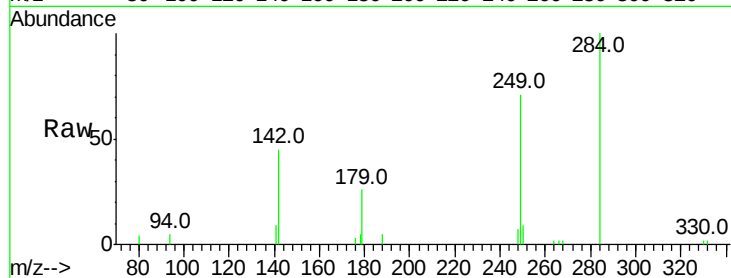
Tot Ion:284 Resp: 5281

Ion Ratio Lower Upper

284 100

142 42.9 22.1 33.1#

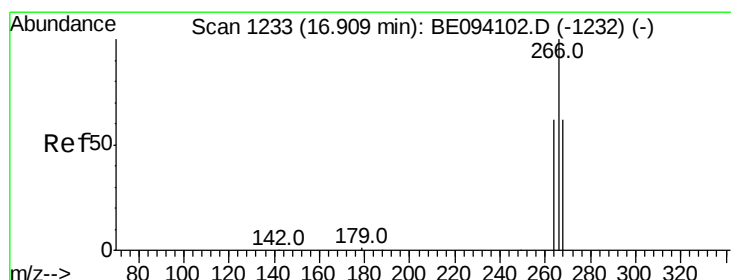
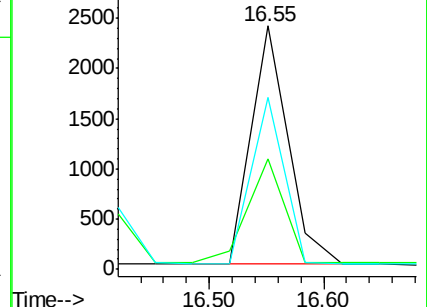
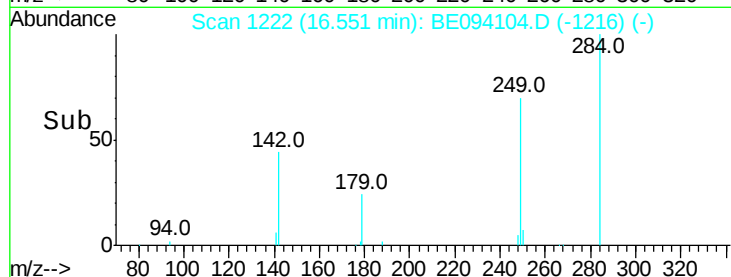
249 62.1 34.8 52.2#



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: 12.424 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

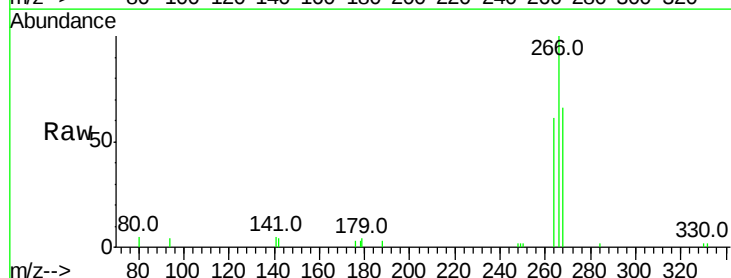
Tgt Ion:266 Resp: 4905

Ion Ratio Lower Upper

266 100

264 60.7 72.5 108.7#

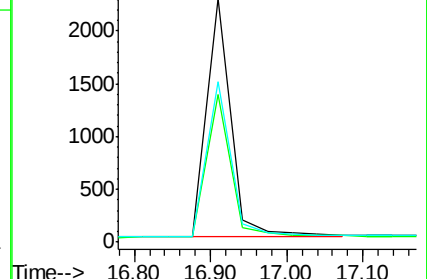
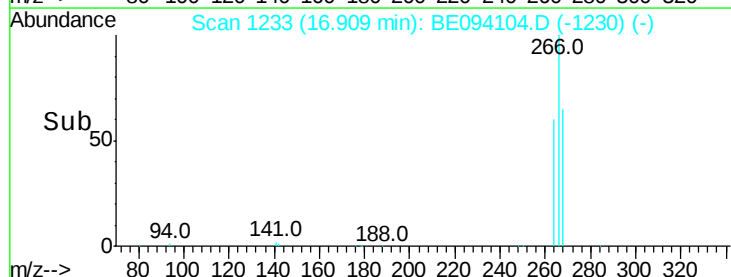
268 65.6 73.8 110.6#

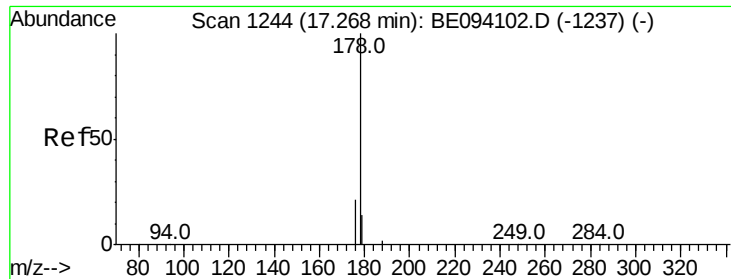


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.163 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

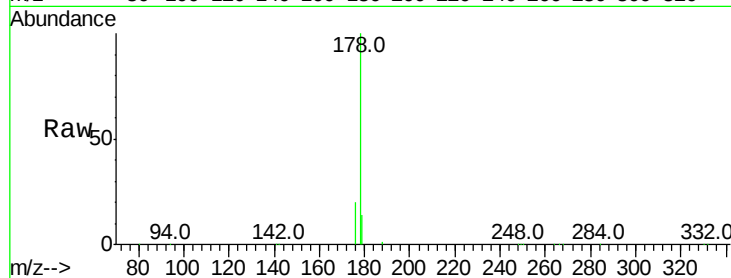
Tot Ion:178 Resp: 58836

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

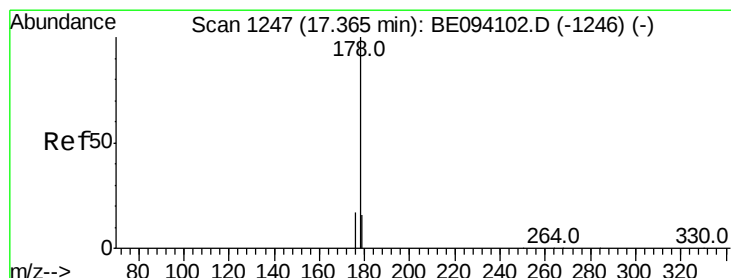
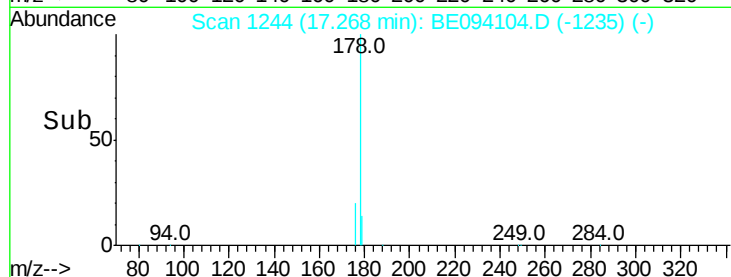
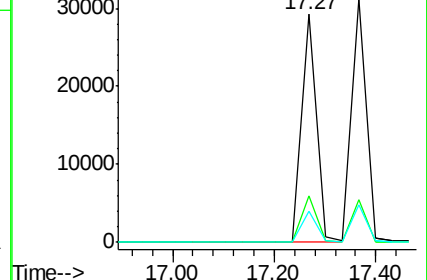
179 13.7 11.8 17.6



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



#24

Anthracene

Concen: 1.587 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

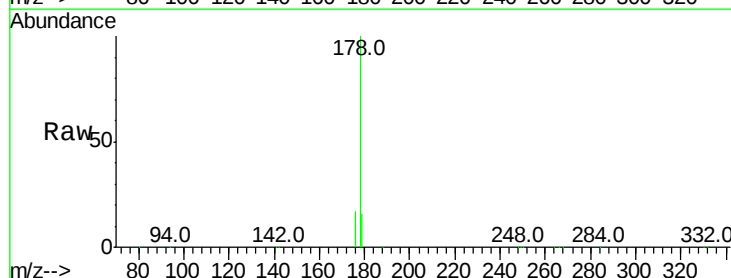
Tgt Ion:178 Resp: 61928

Ion Ratio Lower Upper

178 100

176 17.3 12.8 19.2

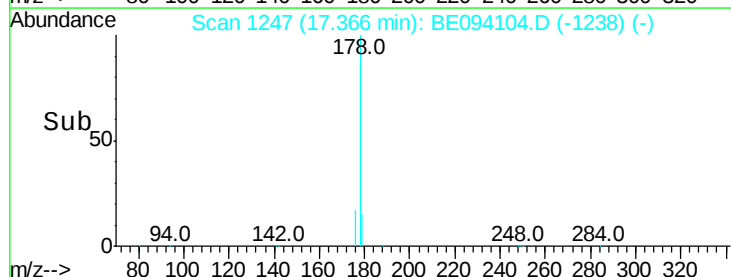
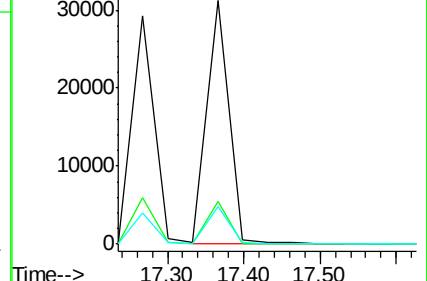
179 15.4 13.0 19.6



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

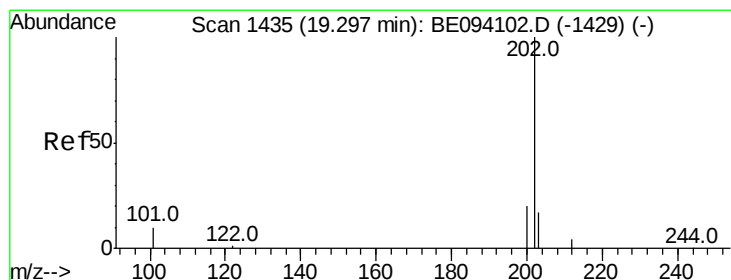
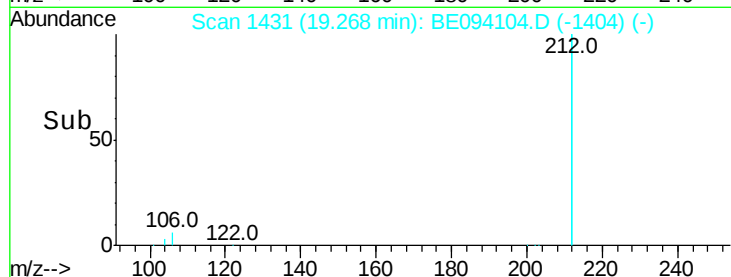
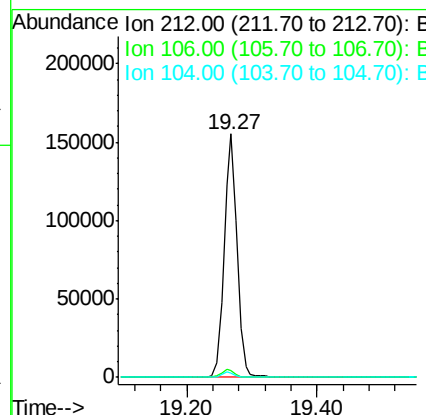
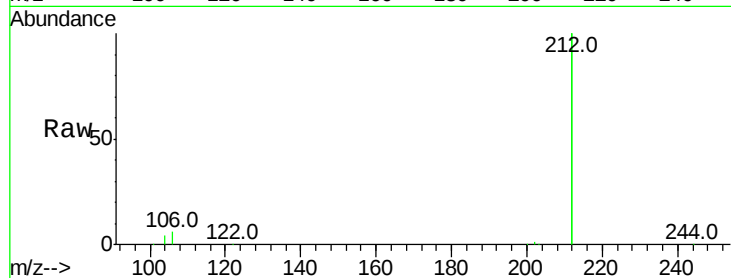




#25
 Fluoranthene-d10
 Concen: 1.172 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE094104.D
 Acq: 25 Sep 2017 16:08

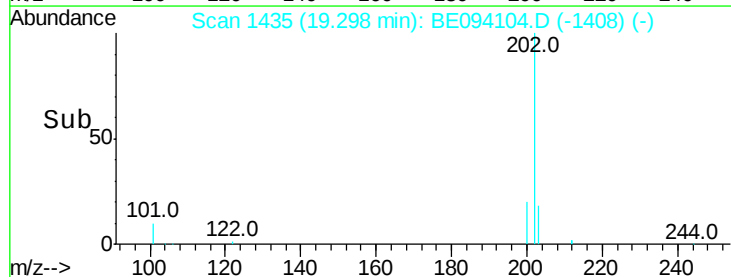
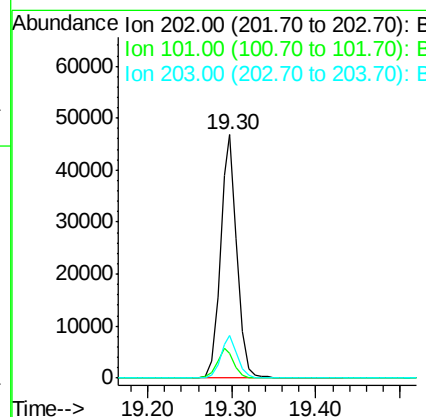
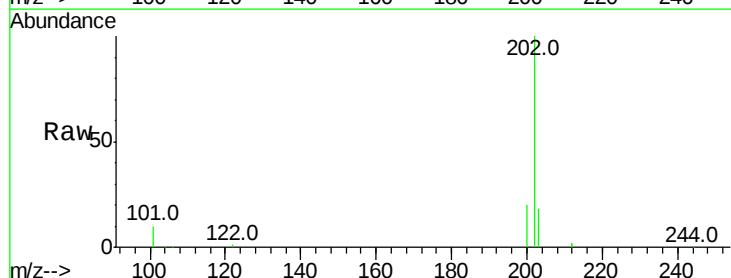
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion:212 Resp: 212455
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.8 4.2
 104 2.2 1.6 2.4



#26
 Fluoranthene
 Concen: 1.171 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BE094104.D
 Acq: 25 Sep 2017 16:08

Tgt Ion:202 Resp: 63579
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.8
 203 17.3 13.7 20.5

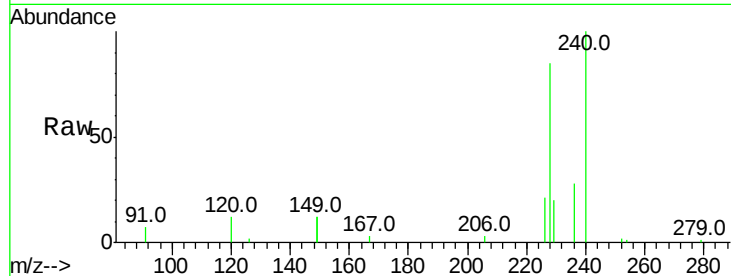




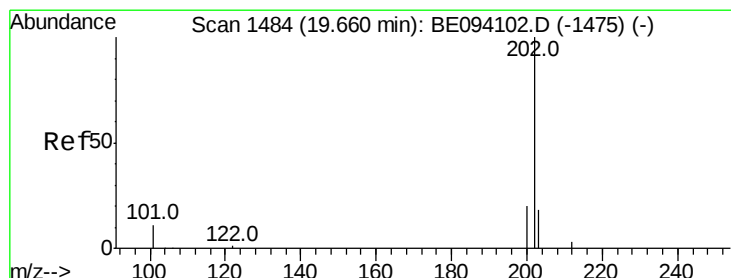
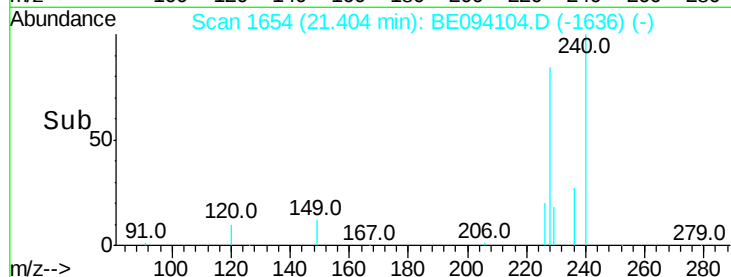
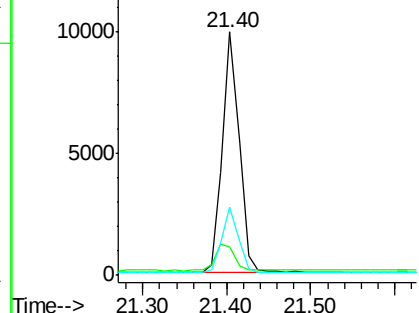
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:240 Resp: 13857
Ion Ratio Lower Upper
240 100
120 11.7 5.5 8.3#
236 27.9 20.7 31.1

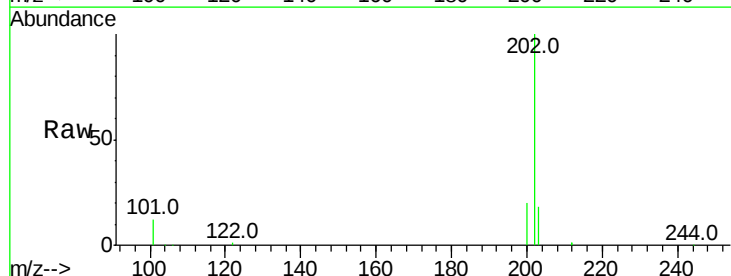


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

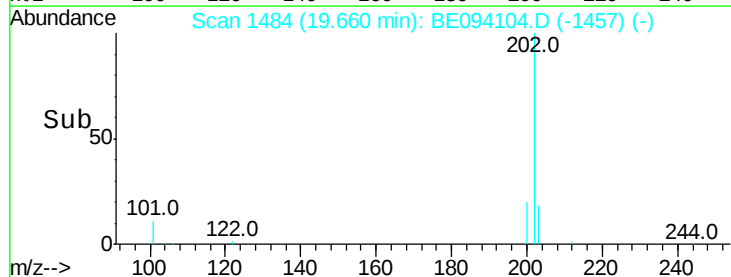
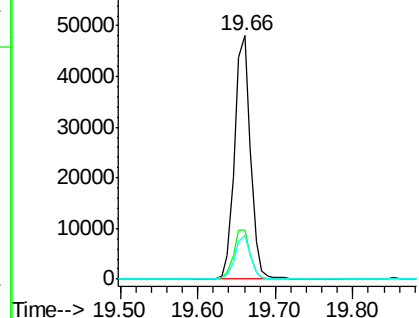


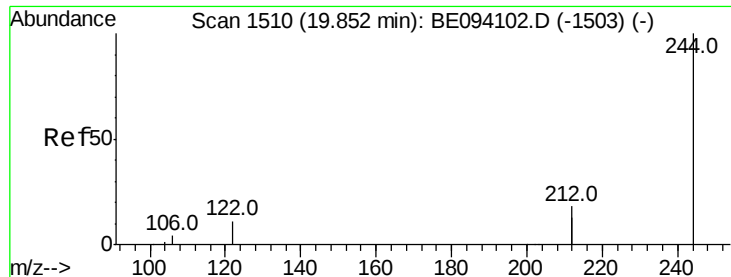
#28
Pyrene
Concen: 1.772 ng
RT: 19.66 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:202 Resp: 67949
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.6 13.8 20.8



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: 1.754 ng

RT: 19.85 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

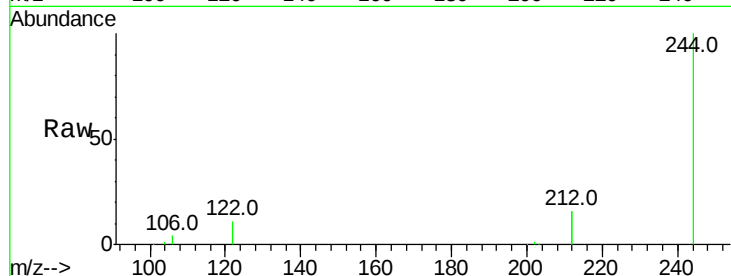
Tot Ion:244 Resp: 38078

Ion Ratio Lower Upper

244 100

212 31.7 25.4 38.0

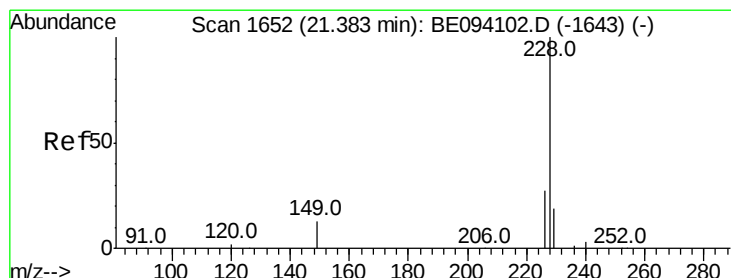
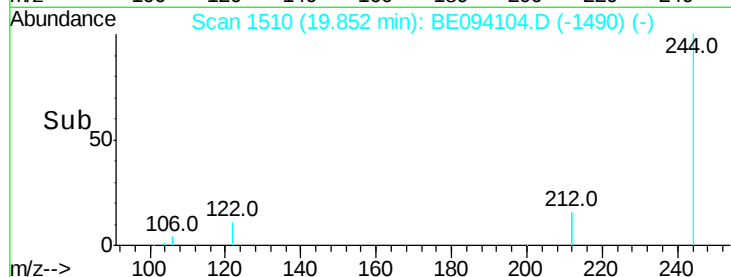
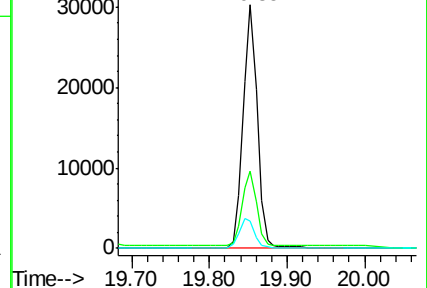
122 11.1 8.1 12.1



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: 1.559 ng

RT: 21.38 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

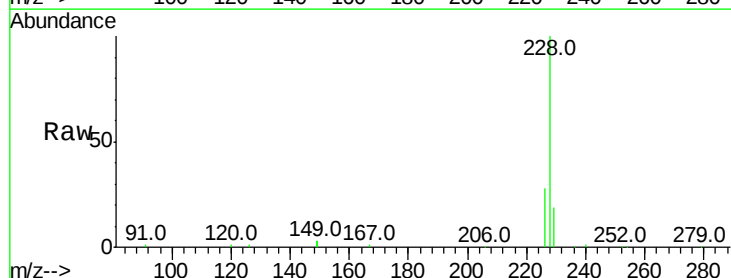
Tgt Ion:228 Resp: 72345

Ion Ratio Lower Upper

228 100

226 28.2 21.4 32.0

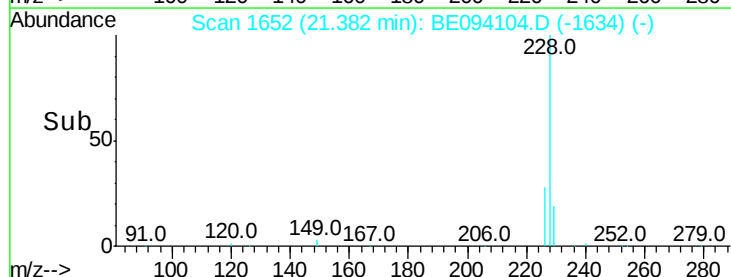
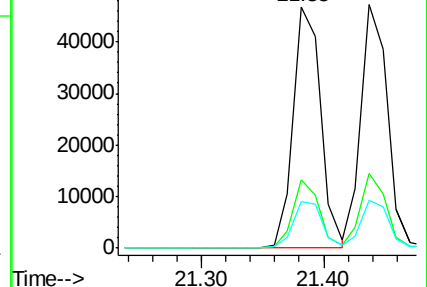
229 19.3 16.4 24.6



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

Chrysene

Concen: 1.556 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

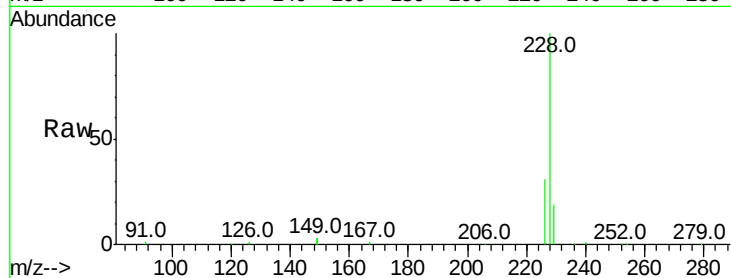
Tot Ion:228 Resp: 70782

Ion Ratio Lower Upper

228 100

226 30.5 23.6 35.4

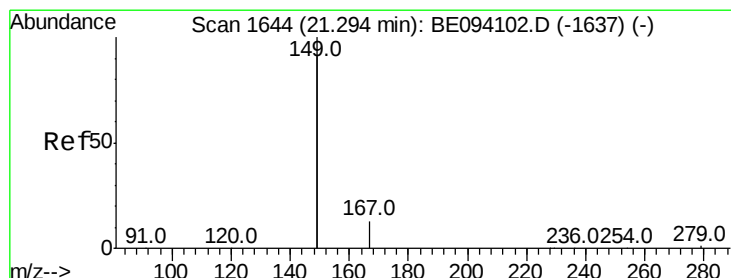
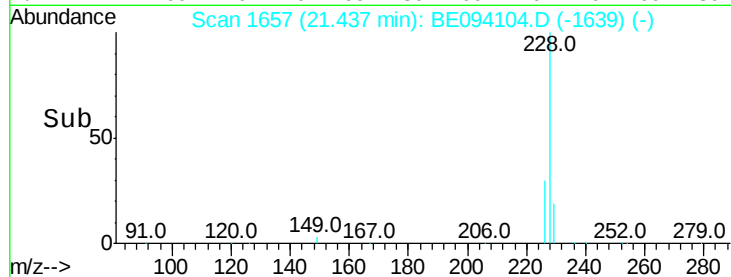
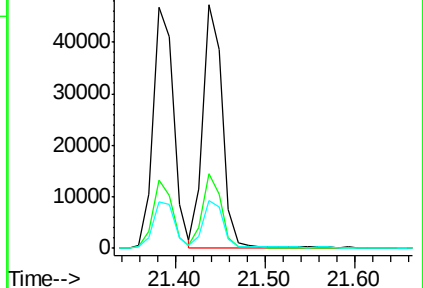
229 19.4 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.599 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

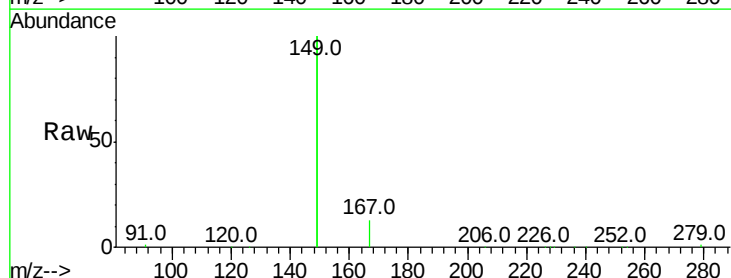
Tgt Ion:149 Resp: 199365

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

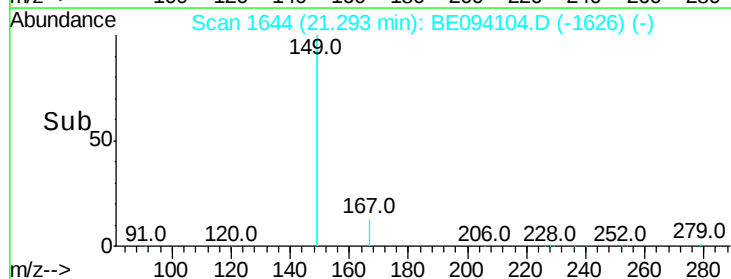
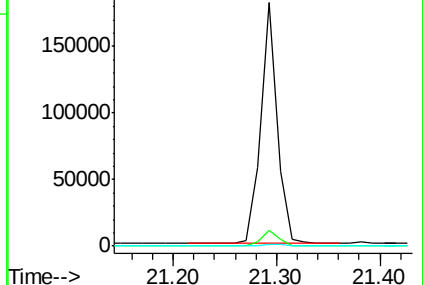
279 0.8 0.7 1.1



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





#33

Indeno(1,2,3-cd)pyrene

Concen: 2.025 ng

RT: 26.55 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

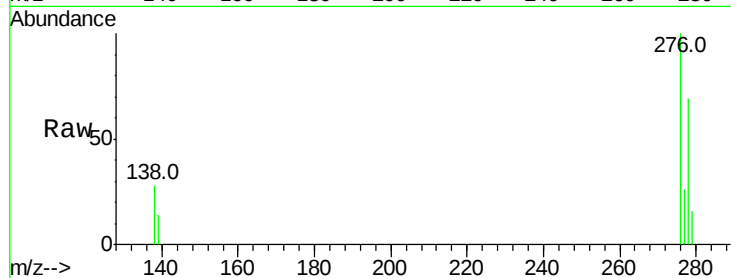
Tot Ion:276 Resp: 71181

Ion Ratio Lower Upper

276 100

138 28.6 22.5 33.7

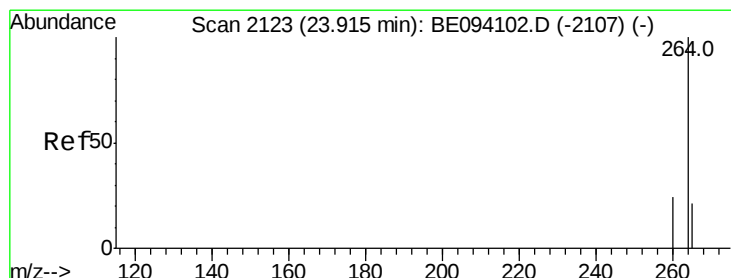
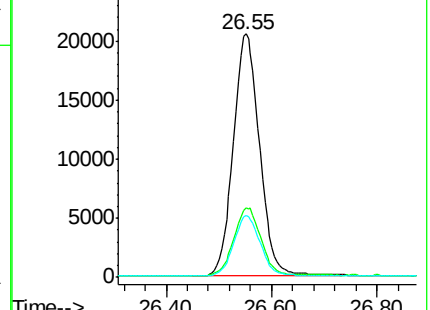
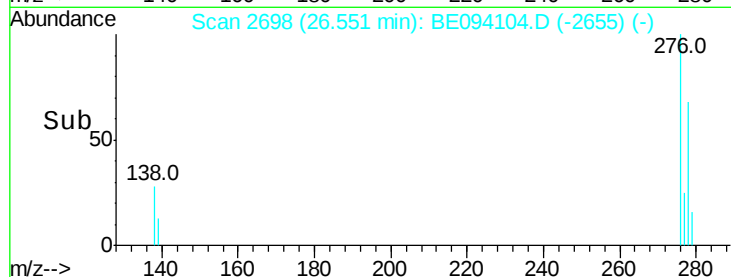
277 25.2 19.9 29.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

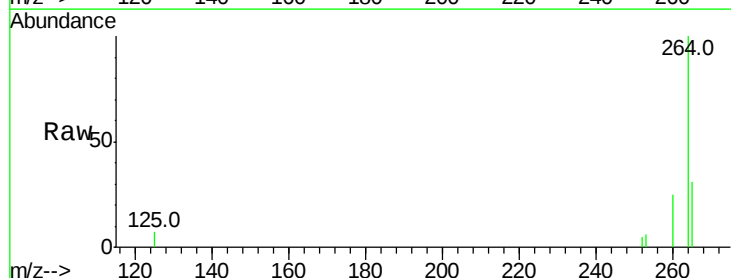
Tgt Ion:264 Resp: 12993

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

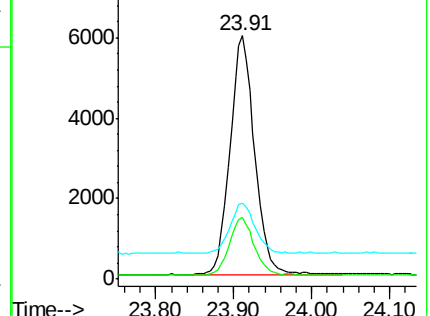
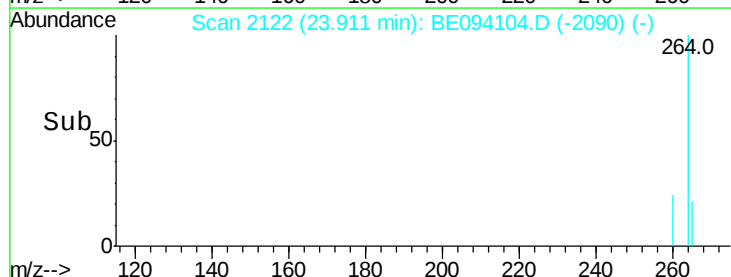
265 31.1 22.8 34.2



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





#35

Benzo(b)fluoranthene

Concen: 1.467 ng

RT: 23.14 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

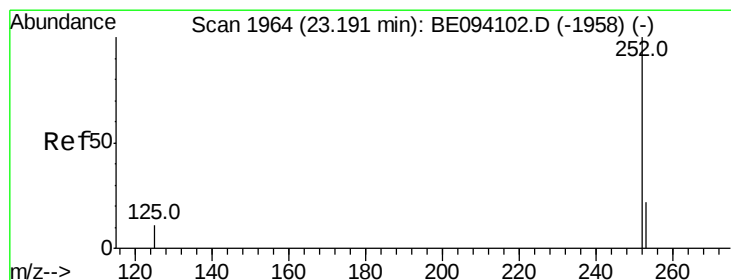
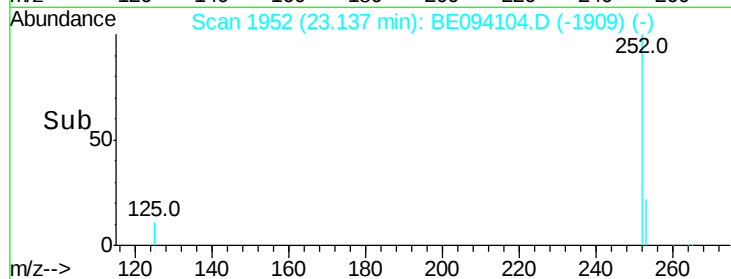
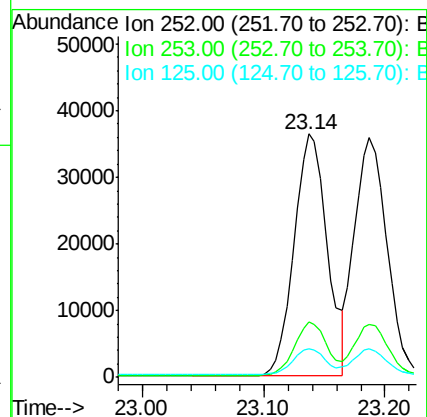
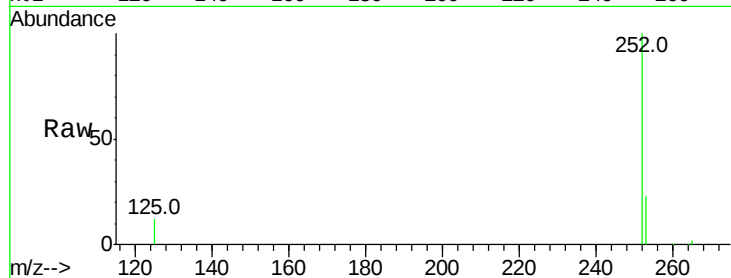
Tot Ion:252 Resp: 68997

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 11.9 10.1 15.1



#36

Benzo(k)fluoranthene

Concen: 1.432 ng

RT: 23.19 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

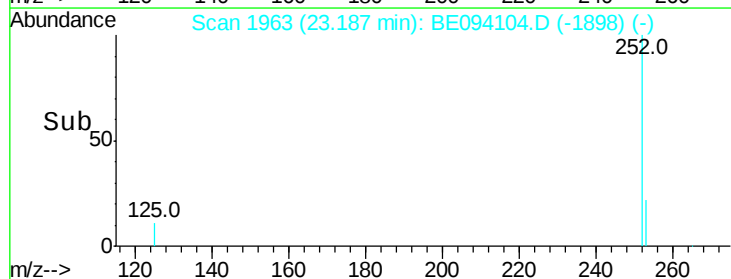
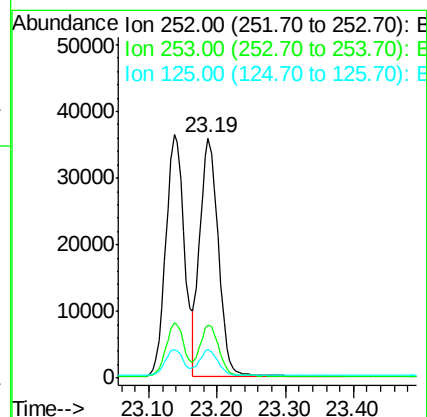
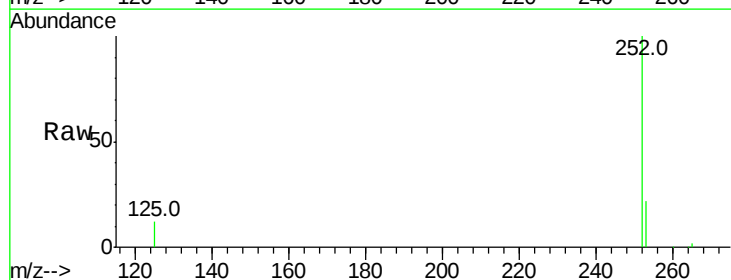
Tgt Ion:252 Resp: 67580

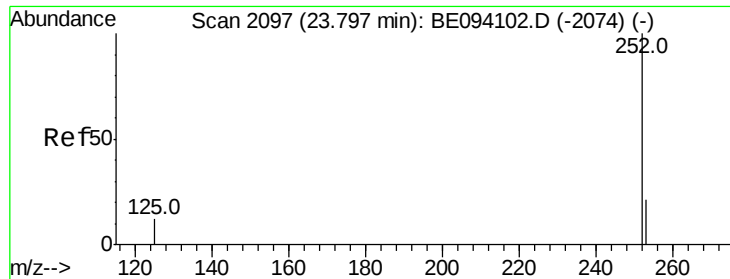
Ion Ratio Lower Upper

252 100

253 22.3 18.6 27.8

125 11.9 10.7 16.1





#37

Benzo(a)pyrene

Concen: 1.537 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

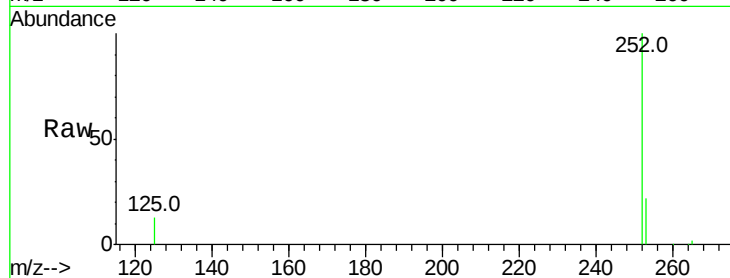
Tot Ion:252 Resp: 64914

Ion Ratio Lower Upper

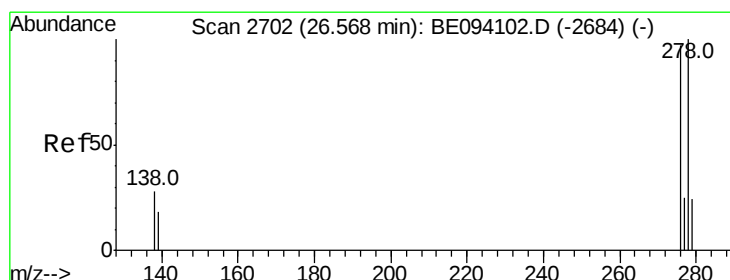
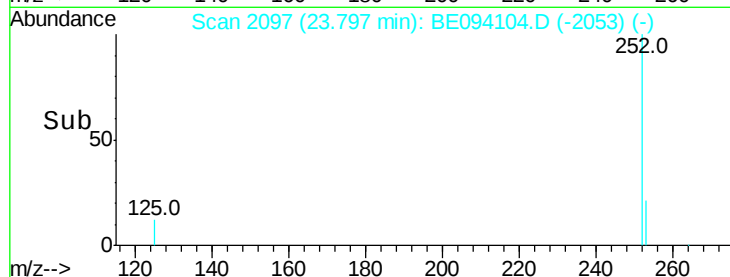
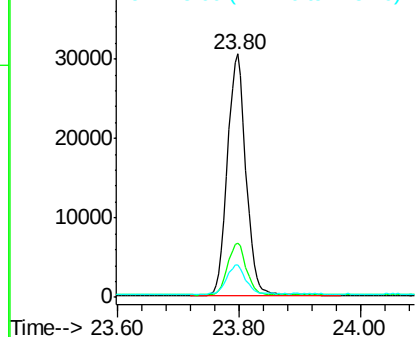
252 100

253 22.3 19.0 28.6

125 13.3 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



#38

Dibenzo(a,h)anthracene

Concen: 1.813 ng

RT: 26.56 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BE094104.D

Acq: 25 Sep 2017 16:08

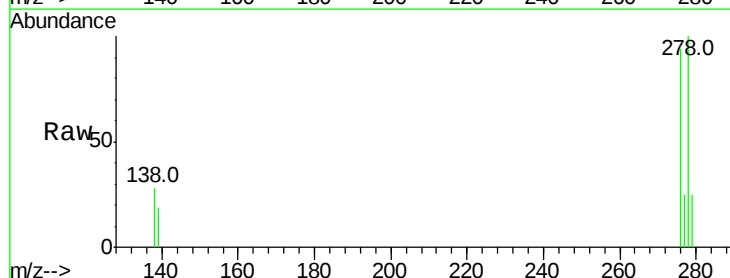
Tgt Ion:278 Resp: 61291

Ion Ratio Lower Upper

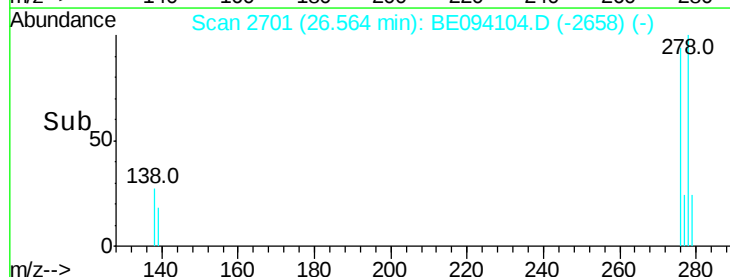
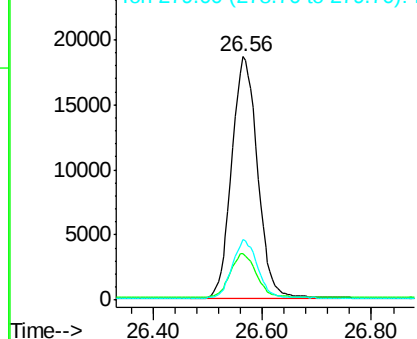
278 100

139 19.2 16.3 24.5

279 24.6 19.9 29.9



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





#39

Benzo(a,h,i)perylene

Concen: 1.795 ng

RT: 27.37 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BE094104.D

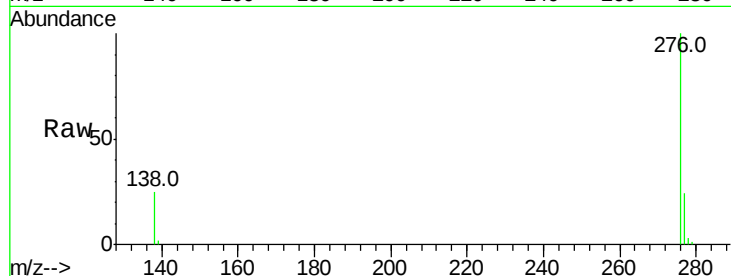
Acq: 25 Sep 2017 16:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



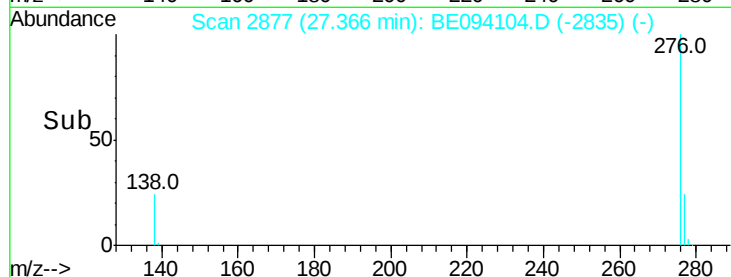
Tot Ion:276 Resp: 60659

Ion Ratio Lower Upper

276 100

277 24.1 20.8 31.2

138 25.4 21.5 32.3



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

