

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
 Data File : BE094087.D
 Acq On : 23 Sep 2017 20:44
 Operator : SJ/JU
 Sample : I5340-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 08:47:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 07:59:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2148	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12483	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	8513	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	25816	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15661	0.40	ng	0.00
34) Perylene-d12	23.90	264	14950	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	4253	0.35	ng	0.00
5) Phenol-d6	7.09	99	5343	0.42	ng	0.00
8) Nitrobenzene-d5	9.04	82	4369	0.39	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	6641	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	2238	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	9196	0.33	ng	0.00
25) Fluoranthene-d10	19.26	212	62151	0.19	ng	0.00
29) Terphenyl-d14	19.84	244	8736	0.36	ng	0.00

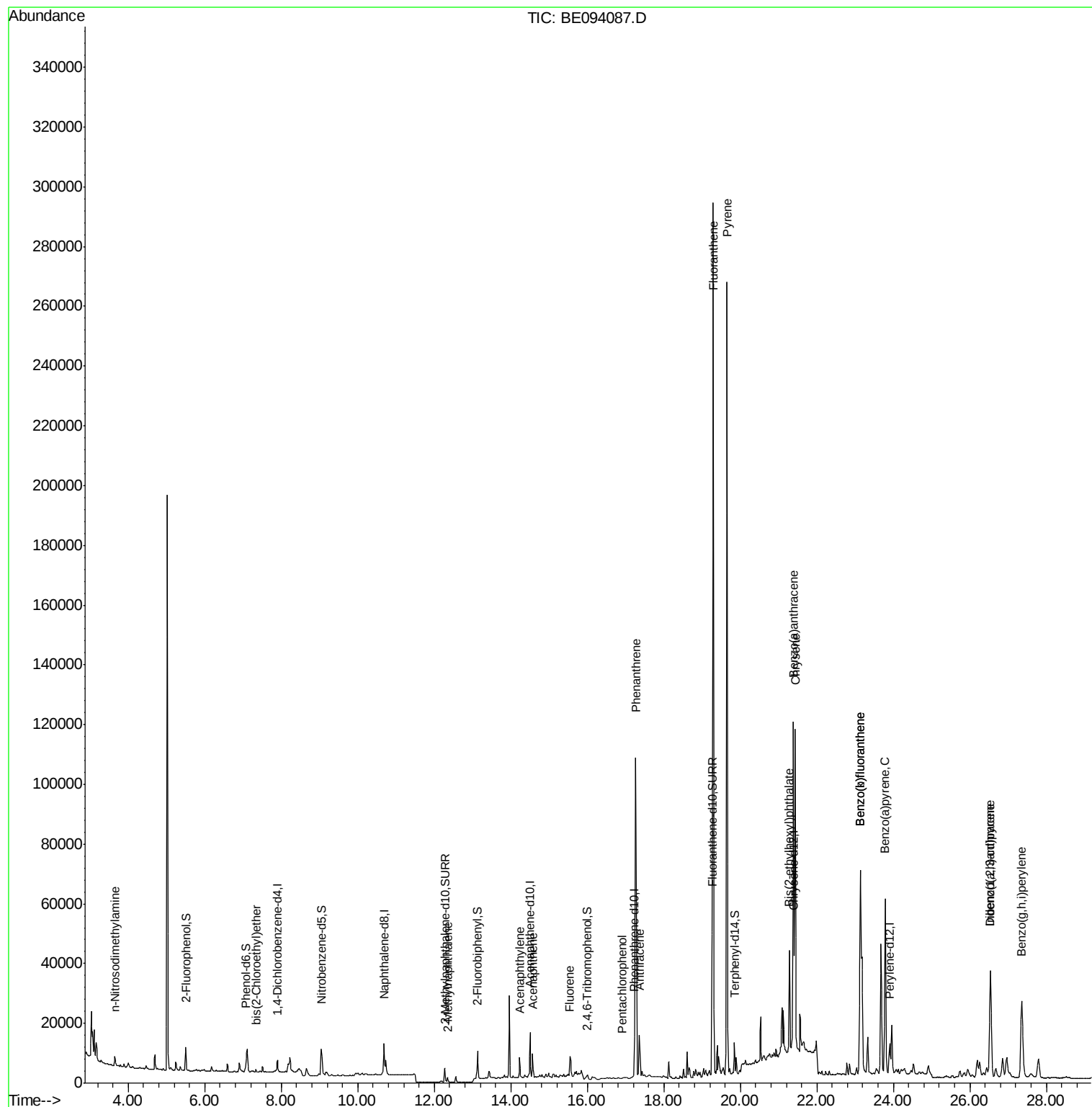
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.65	42	860	0.129	ng	# 1
6) bis(2-Chloroethyl)ether	7.34	93	815	0.086	ng	# 1
9) Naphthalene	10.74	128	9026	Below Cal		# 98
12) 2-Methylnaphthalene	12.35	142	1173	0.047	ng	95
16) Acenaphthylene	14.23	152	8675	0.202	ng	99
17) Acenaphthene	14.57	154	3866	0.136	ng	98
18) Fluorene	15.55	166	4861	0.115	ng	89
22) Pentachlorophenol	16.91	266	94	0.027	ng	99
23) Phenanthrene	17.27	178	158841	1.718	ng	98
24) Anthracene	17.37	178	23300	0.327	ng	# 86
26) Fluoranthene	19.29	202	262396	2.645	ng	99
28) Pyrene	19.65	202	239399	5.525	ng	# 95
30) Benzo(a)anthracene	21.38	228	102471	1.954	ng	98
31) Chrysene	21.44	228	105990	2.062	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	48520	0.344	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	62532	1.574	ng	96
35) Benzo(b)fluoranthene	23.13	252	133713	2.471	ng	99
36) Benzo(k)fluoranthene	23.13	252	133713	2.463	ng	99
37) Benzo(a)pyrene	23.79	252	93290	1.920	ng	99
38) Dibenzo(a,h)anthracene	26.55	278	14975	0.385	ng	# 86
39) Benzo(g,h,i)perylene	27.35	276	63841	1.642	ng	98

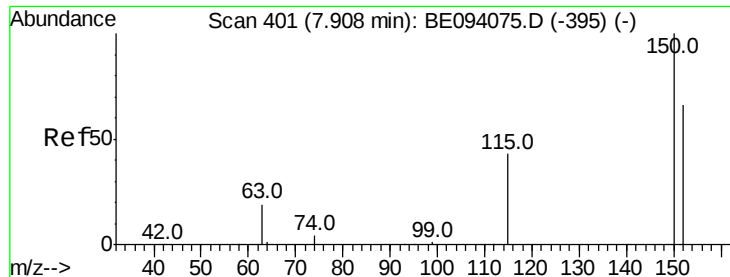
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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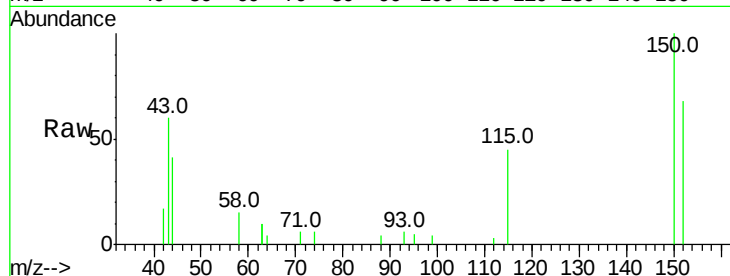


#1

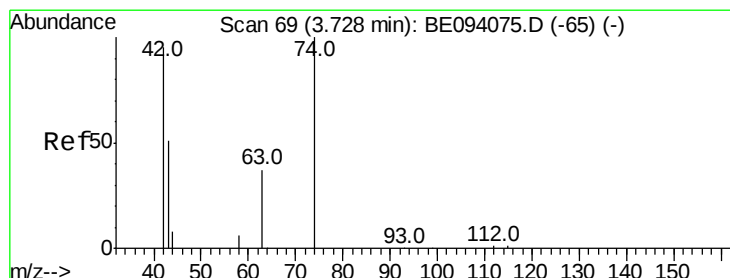
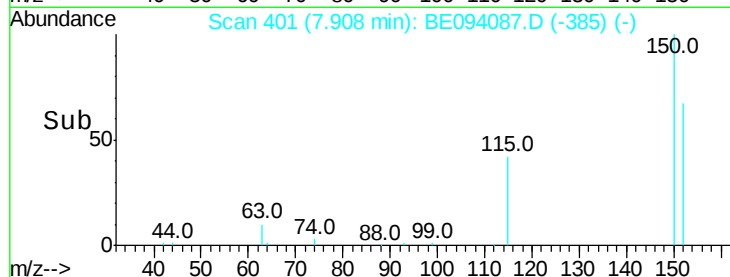
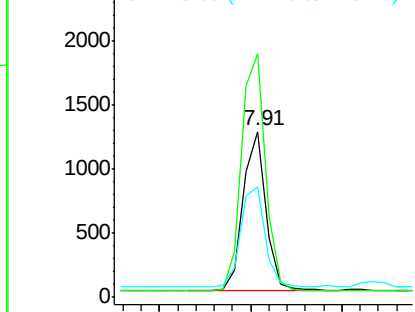
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094087.D
Acq: 23 Sep 2017 20:44

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2148
Ion Ratio Lower Upper
152 100
150 146.8 117.2 175.8
115 66.7 57.0 85.6



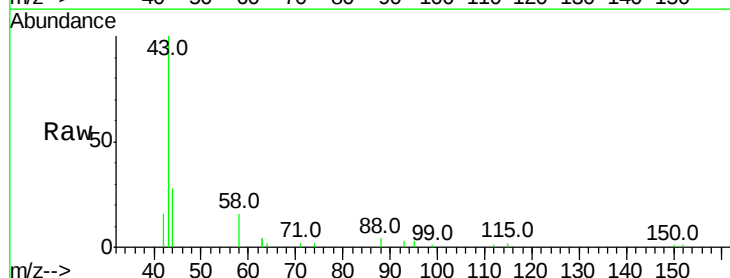
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



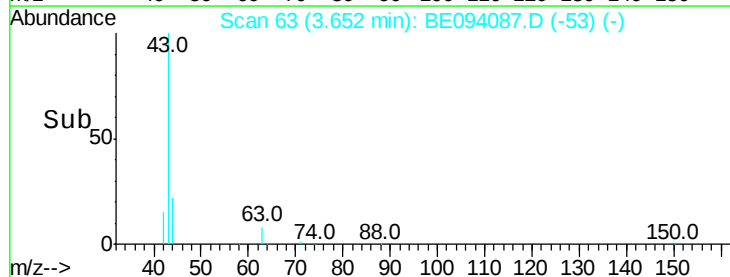
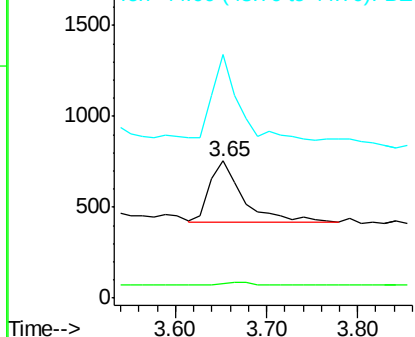
#3

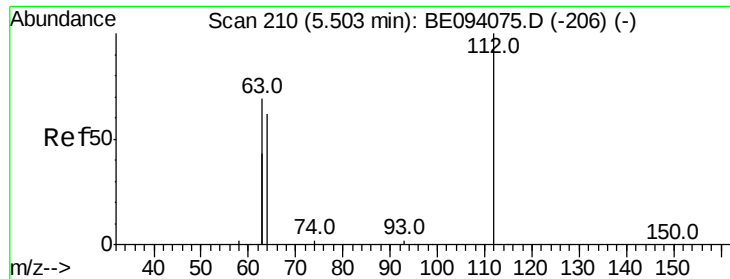
n-Nitrosodimethylamine
Concen: 0.129 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.08 min
Lab File: BE094087.D
Acq: 23 Sep 2017 20:44

Tgt Ion: 42 Resp: 860
Ion Ratio Lower Upper
42 100
74 5.9 100.3 150.5#
44 108.6 17.0 25.4#



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: 0.347 ng

RT: 5.50 min Scan# 210

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampled :

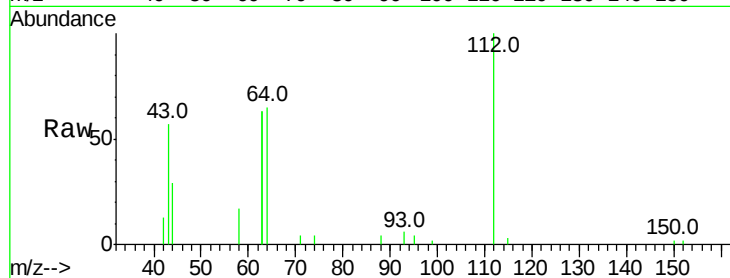
Tot Ion:112 Resp: 4253

Ion Ratio Lower Upper

112 100

64 73.9 60.1 90.1

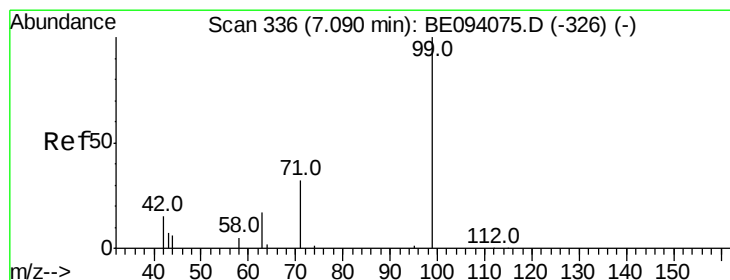
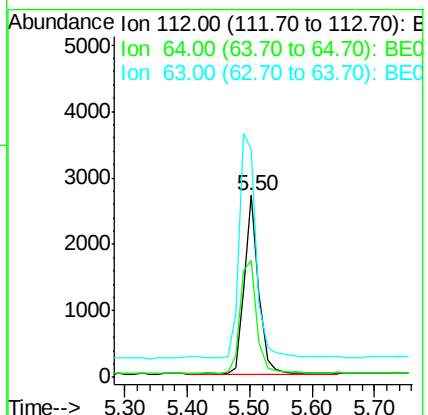
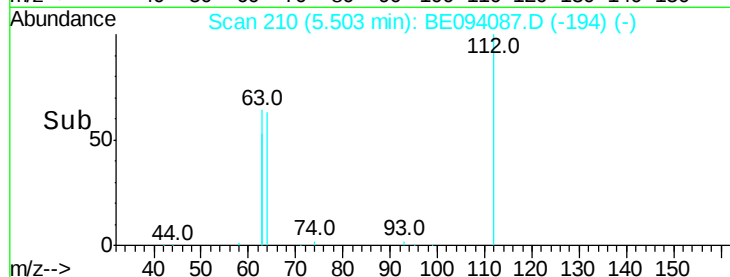
63 151.6 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.421 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

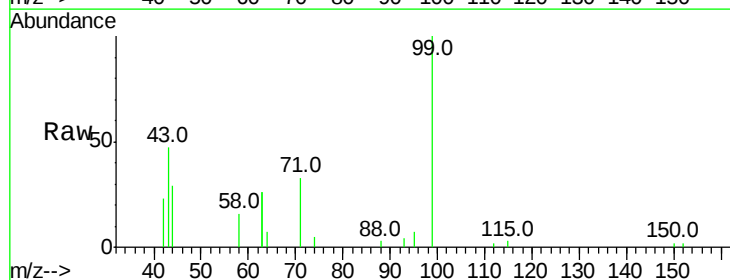
Tgt Ion: 99 Resp: 5343

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

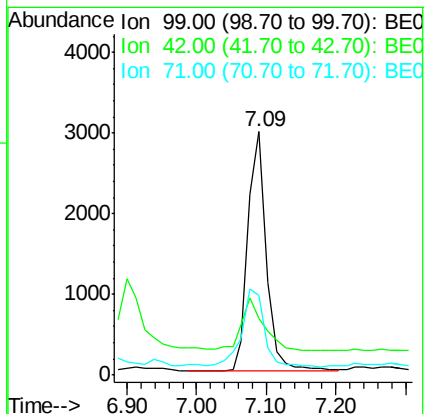
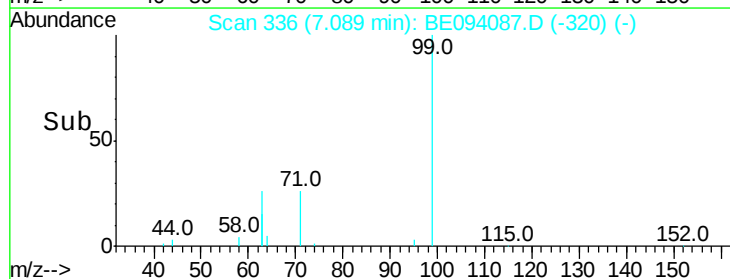
71 39.3 28.4 42.6

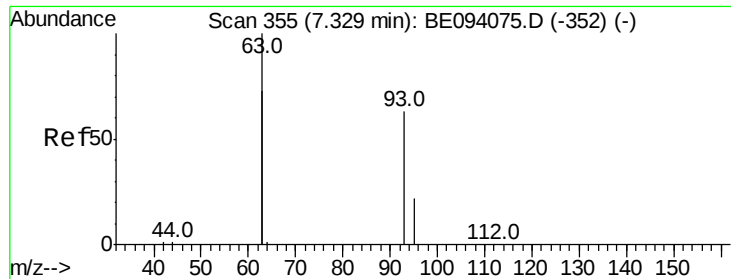


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.086 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

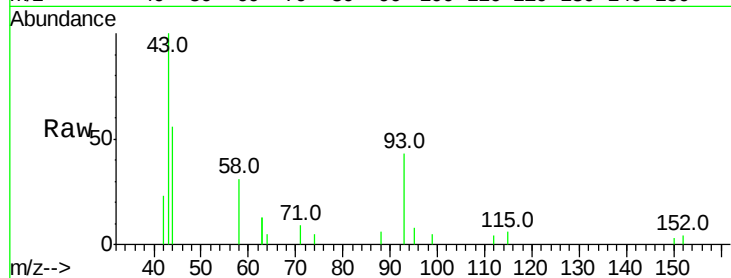
Tot Ion: 93 Resp: 815

Ion Ratio Lower Upper

93 100

63 13.1 275.3 412.9#

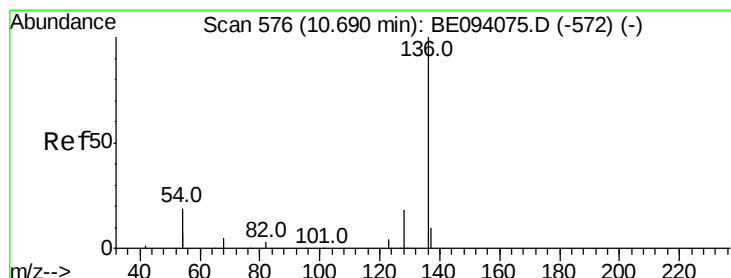
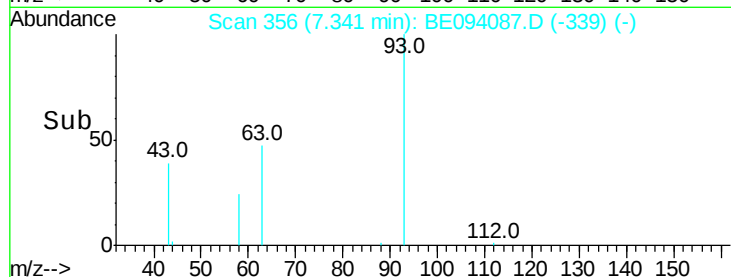
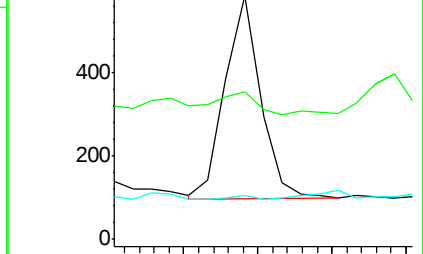
95 1.5 25.2 37.8#



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: BE094087.D

Acq: 23 Sep 2017 20:44

Tgt Ion: 136 Resp: 12483

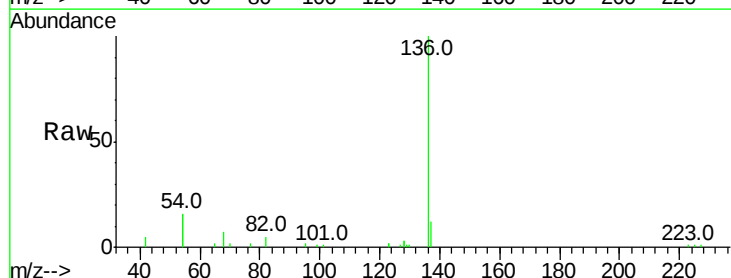
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 32.3 29.1 43.7

68 7.3 6.2 9.2

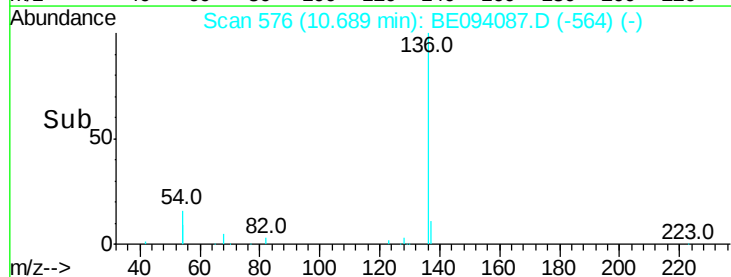
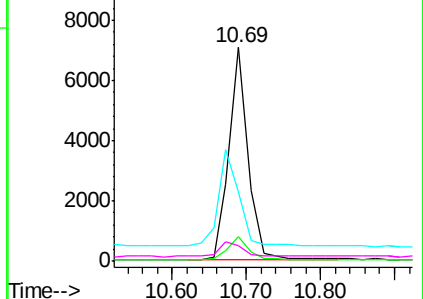


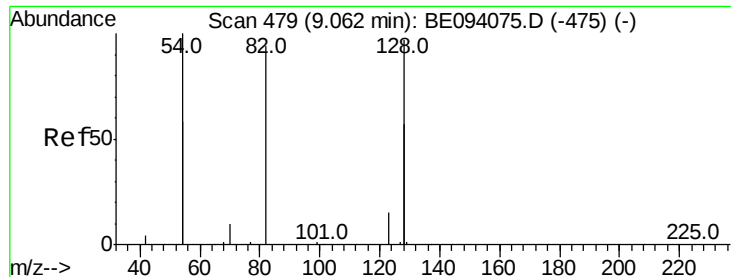
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

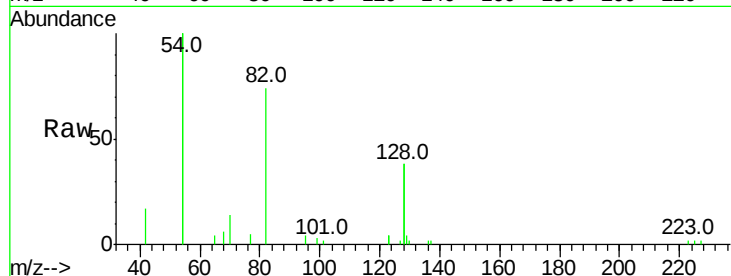
Tot Ion: 82 Resp: 4369

Ion Ratio Lower Upper

82 100

128 104.4 150.0 225.0#

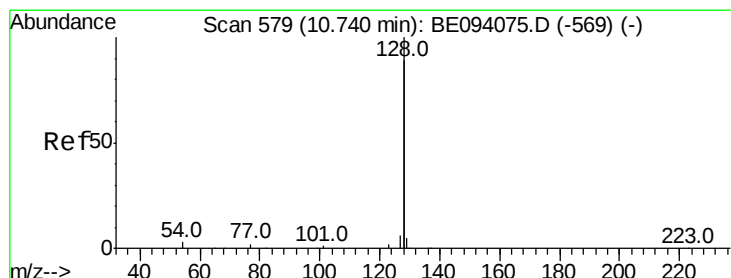
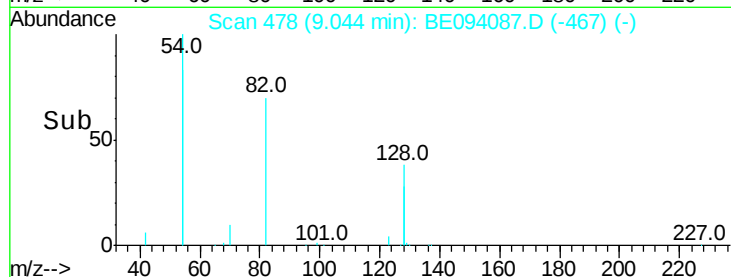
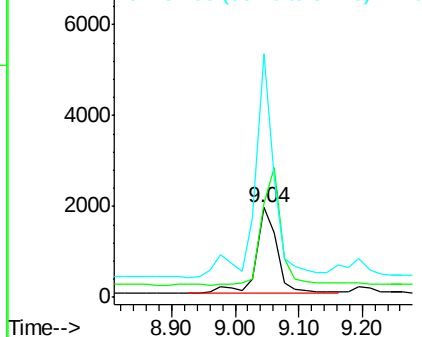
54 272.0 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094087.D (-475) (-)

Ion 128.00 (127.70 to 128.70): BE094087.D (-475) (-)

Ion 54.00 (53.70 to 54.70): BE094087.D (-475) (-)



#9

Naphthalene

Concen: Below Cal

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

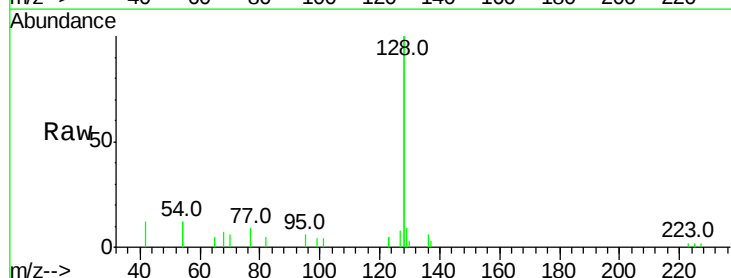
Tgt Ion: 128 Resp: 9026

Ion Ratio Lower Upper

128 100

129 4.3 2.6 3.8#

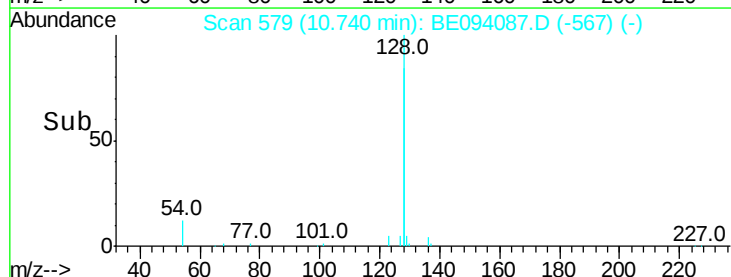
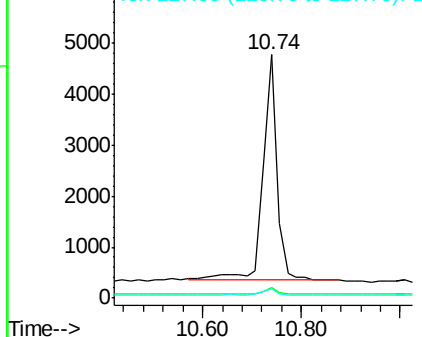
127 4.0 2.8 4.2

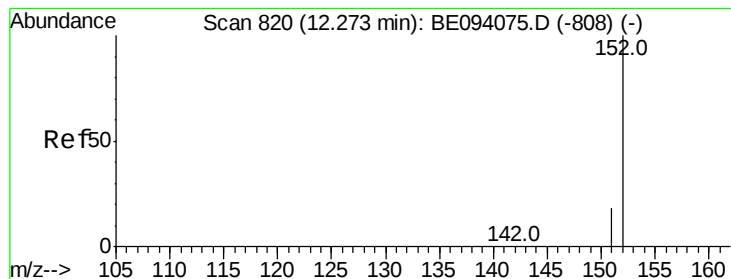


Abundance Ion 128.00 (127.70 to 128.70): BE094087.D (-567) (-)

Ion 129.00 (128.70 to 129.70): BE094087.D (-567) (-)

Ion 127.00 (126.70 to 127.70): BE094087.D (-567) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.314 ng

RT: 12.27 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

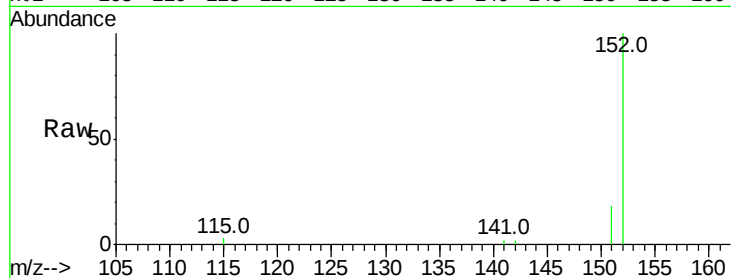
ClientSampleId :

Tot Ion:152 Resp: 6641

Ion Ratio Lower Upper

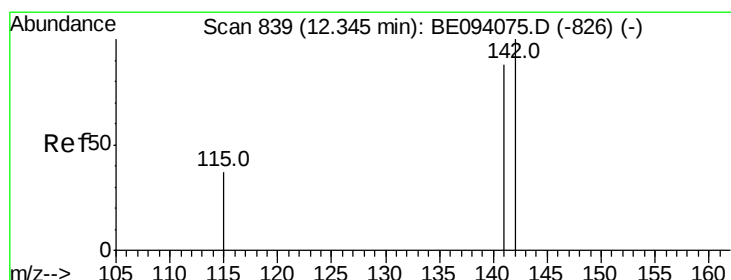
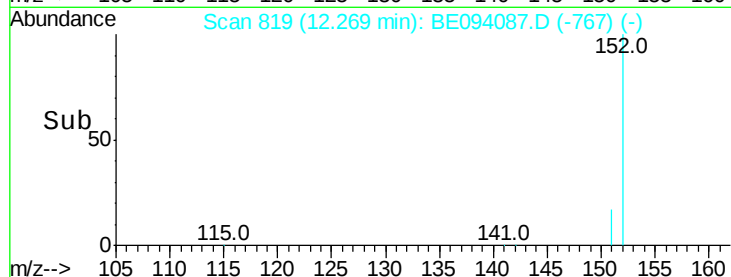
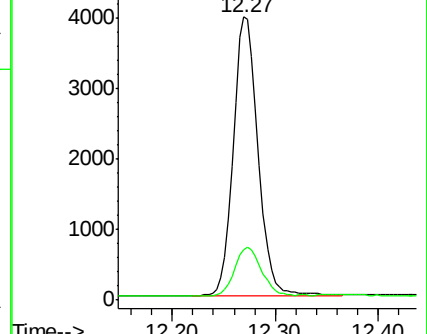
152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.047 ng

RT: 12.35 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

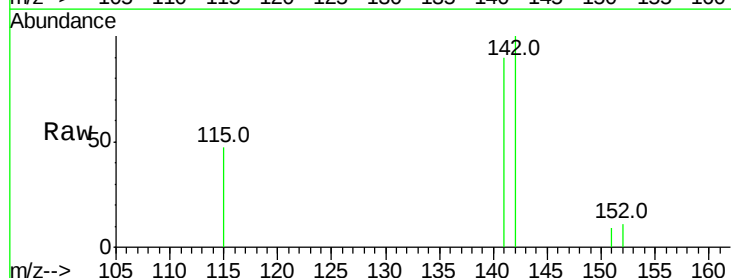
Tgt Ion:142 Resp: 1173

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

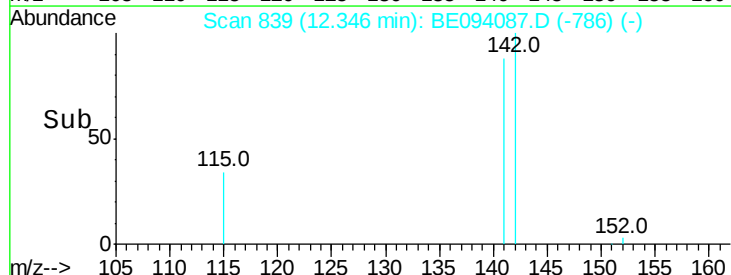
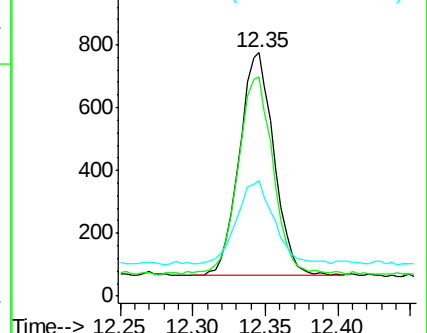
115 47.4 31.7 47.5

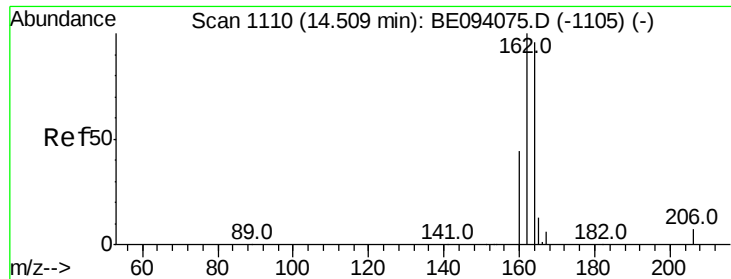


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

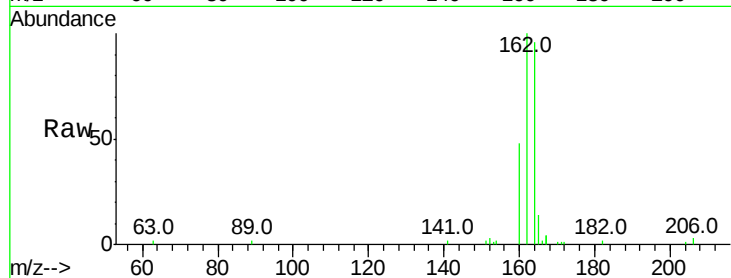
Tot Ion:164 Resp: 8513

Ion Ratio Lower Upper

164 100

162 104.4 83.1 124.7

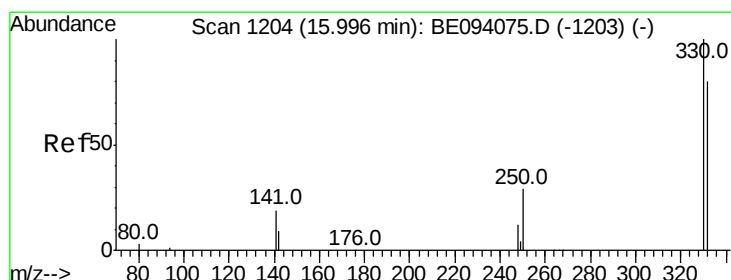
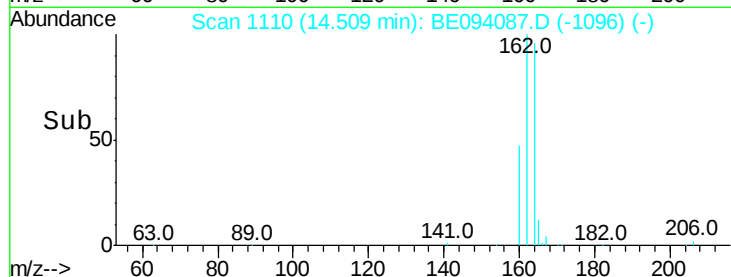
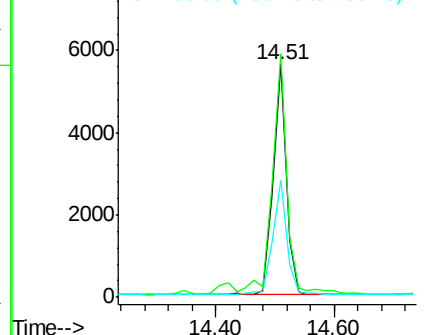
160 49.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.347 ng

RT: 16.00 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

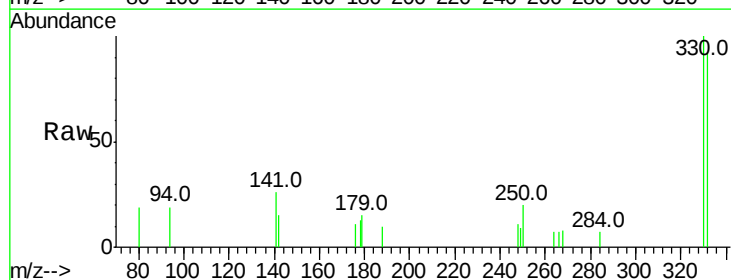
Tgt Ion:330 Resp: 2238

Ion Ratio Lower Upper

330 100

332 95.4 152.7 229.1#

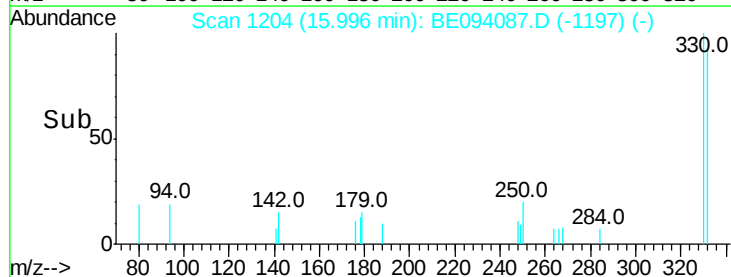
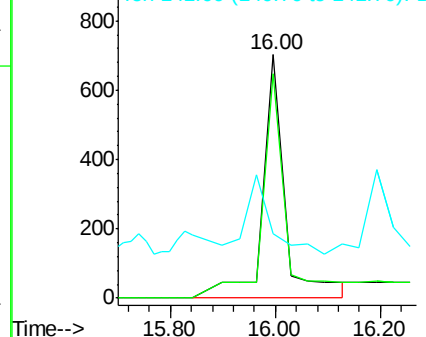
141 0.0 33.7 50.5#

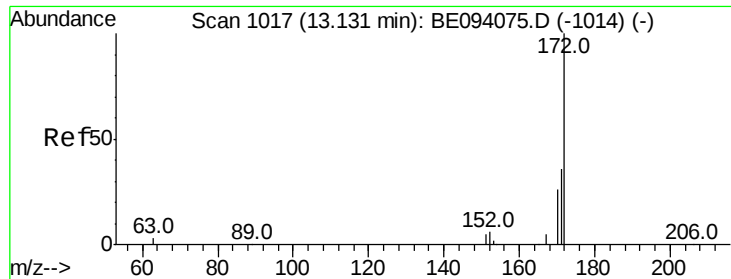


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

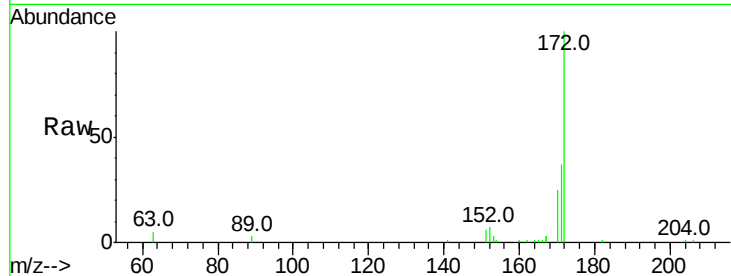




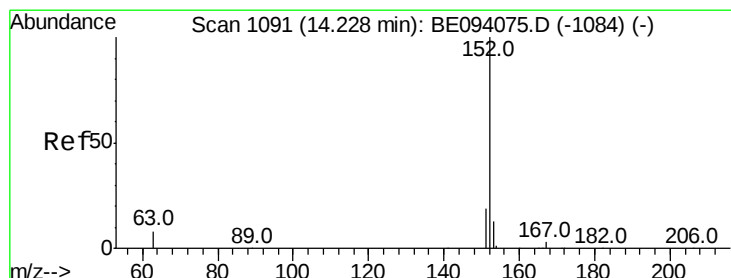
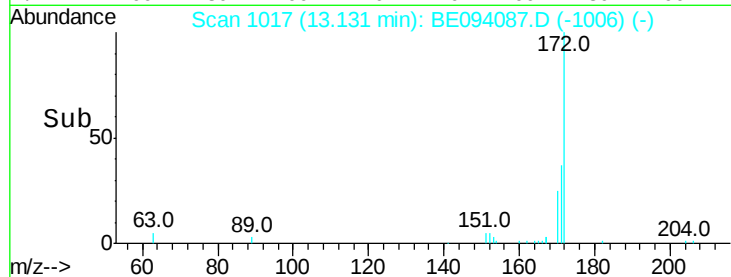
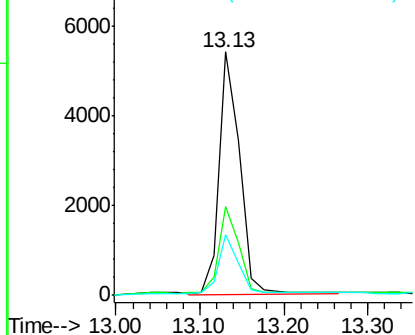
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.13 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE094087.D
Acq: 23 Sep 2017 20:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 9196
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.7 21.8 32.8

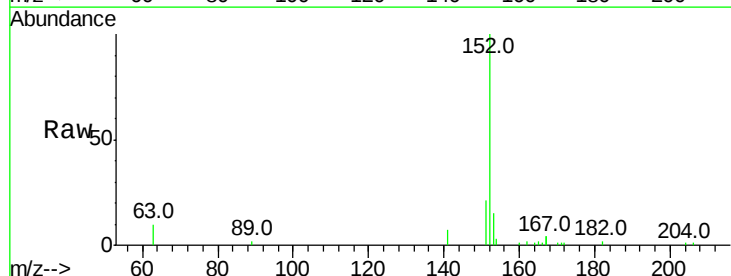


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

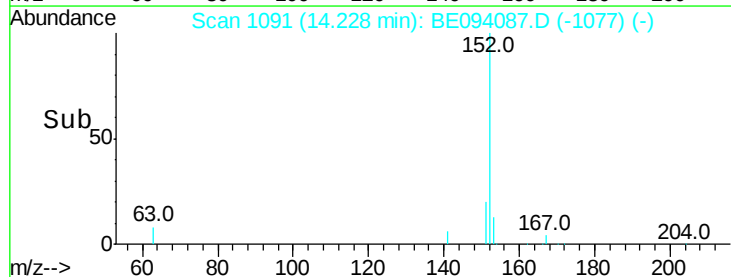
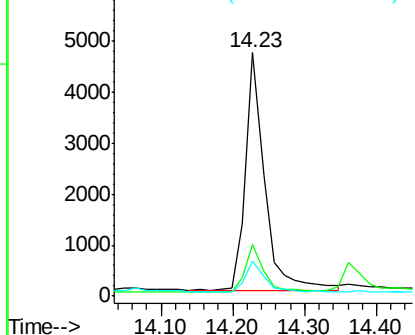


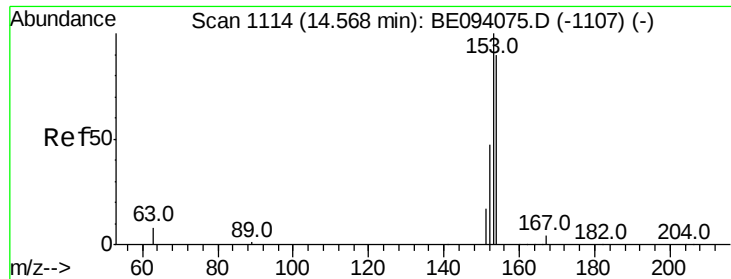
#16
Acenaphthylene
Concen: 0.202 ng
RT: 14.23 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE094087.D
Acq: 23 Sep 2017 20:44

Tgt Ion:152 Resp: 8675
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

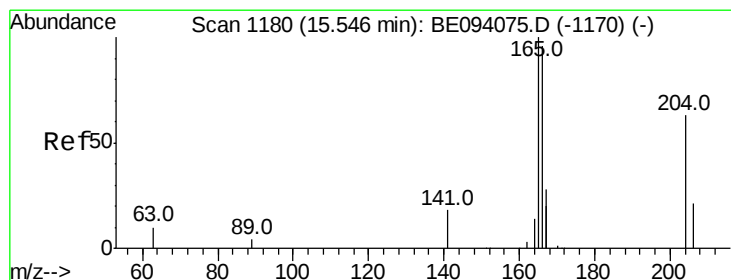
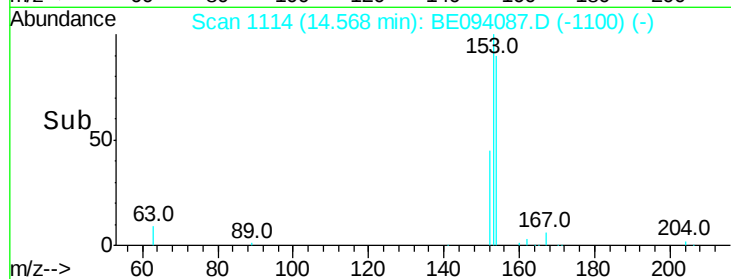
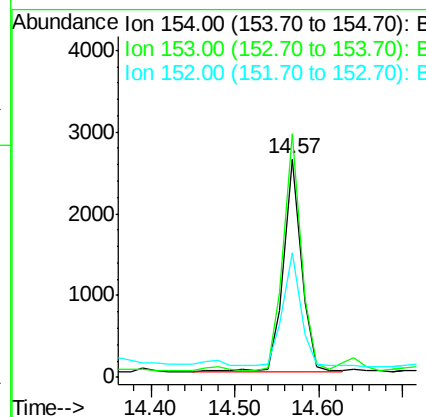
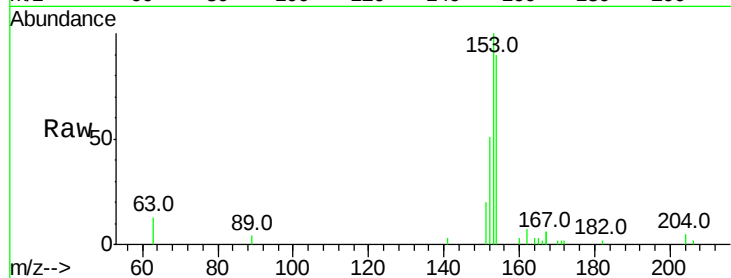




#17
Acenaphthene
Concen: 0.136 ng
RT: 14.57 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE094087.D
Acq: 23 Sep 2017 20:44

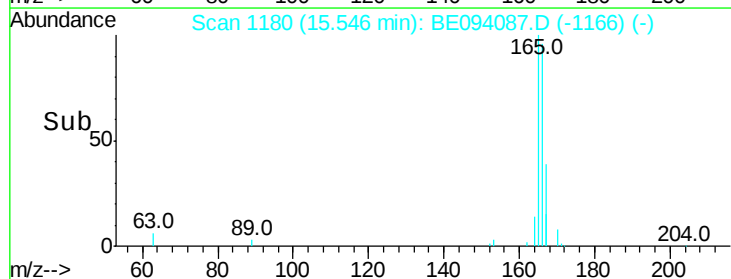
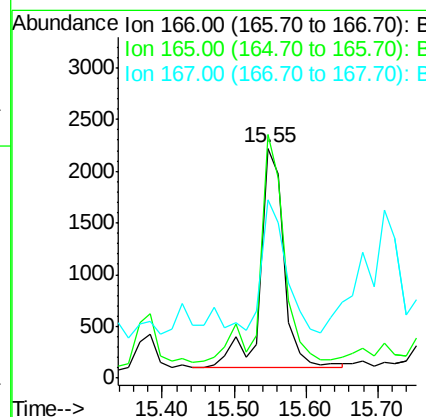
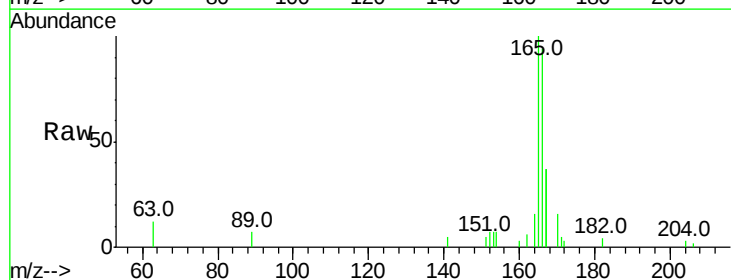
Instrument :
BNA_E
ClientSampleId :

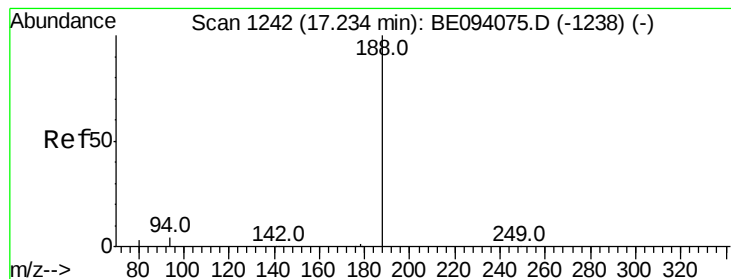
Tot Ion:154 Resp: 3866
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 56.6 42.0 63.0



#18
Fluorene
Concen: 0.115 ng
RT: 15.55 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE094087.D
Acq: 23 Sep 2017 20:44

Tgt Ion:166 Resp: 4861
Ion Ratio Lower Upper
166 100
165 108.0 77.8 116.6
167 60.1 42.4 63.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

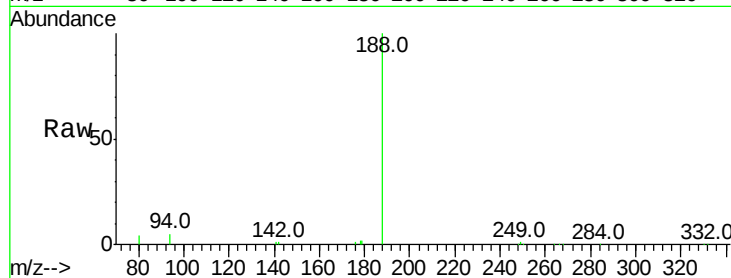
Tot Ion:188 Resp: 25816

Ion Ratio Lower Upper

188 100

94 4.6 3.9 5.9

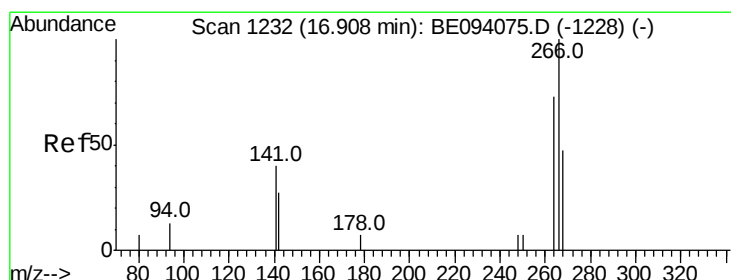
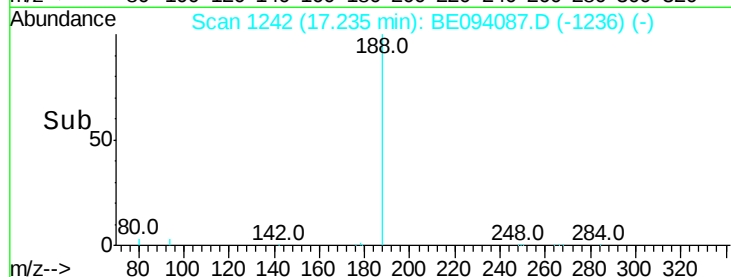
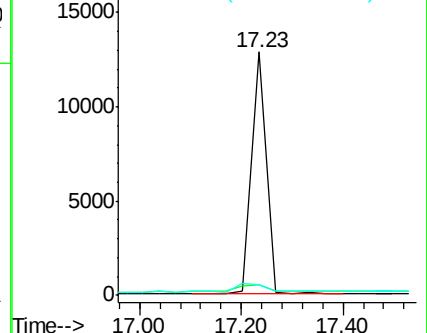
80 4.2 3.6 5.4



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



#22

Pentachlorophenol

Concen: 0.027 ng

RT: 16.91 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

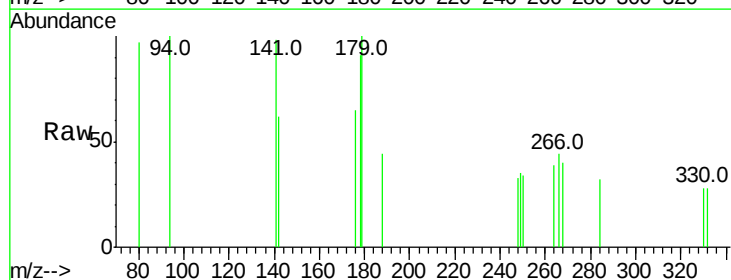
Tgt Ion:266 Resp: 94

Ion Ratio Lower Upper

266 100

264 89.3 72.5 108.7

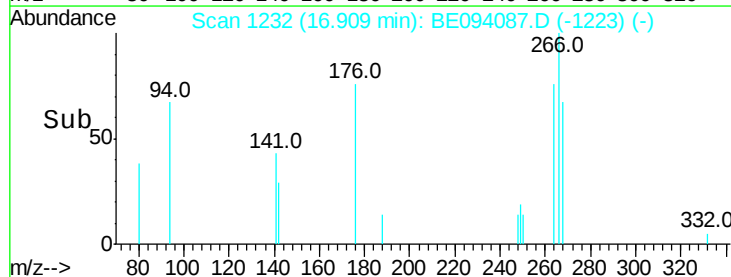
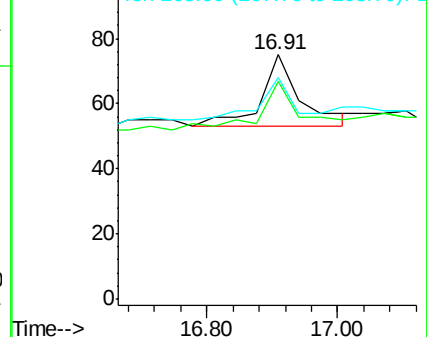
268 90.7 73.8 110.6

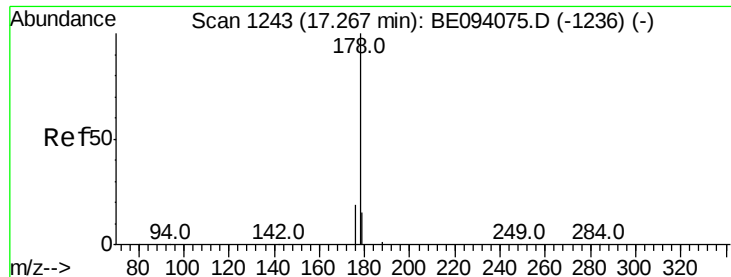


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.718 ng

RT: 17.27 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

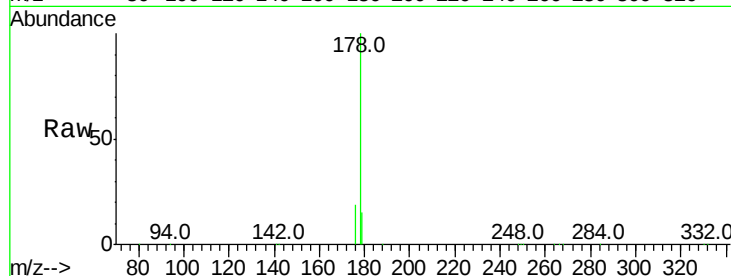
Tot Ion:178 Resp: 158841

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

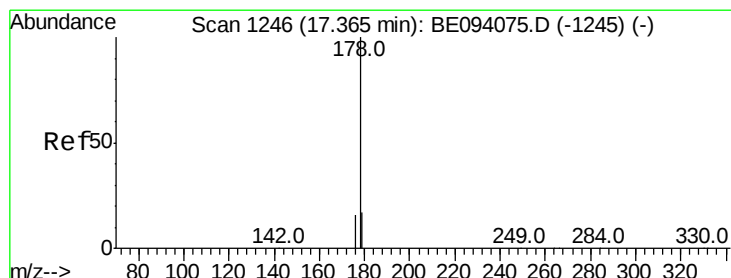
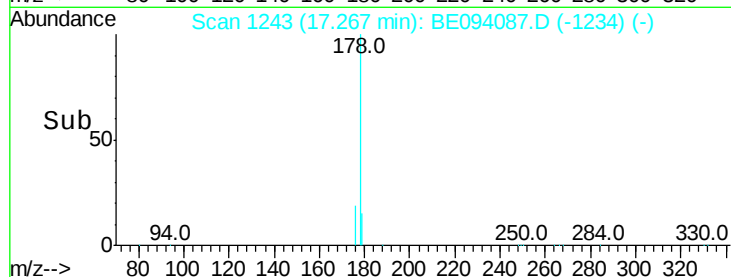
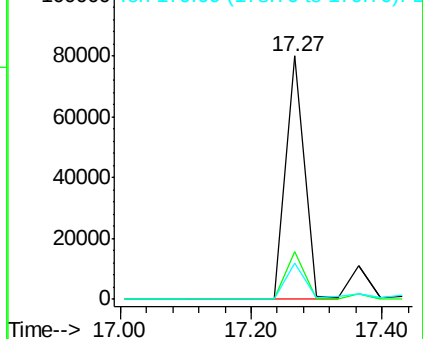
179 15.7 11.8 17.6



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: 0.327 ng

RT: 17.37 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

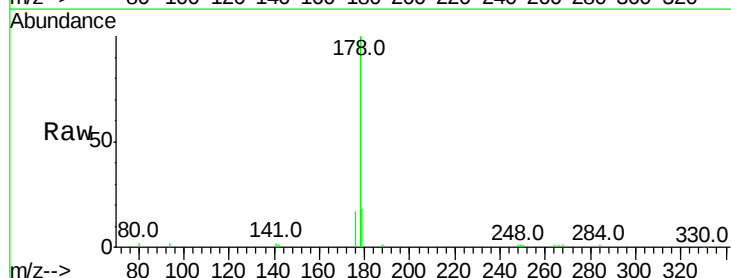
Tgt Ion:178 Resp: 23300

Ion Ratio Lower Upper

178 100

176 16.1 12.8 19.2

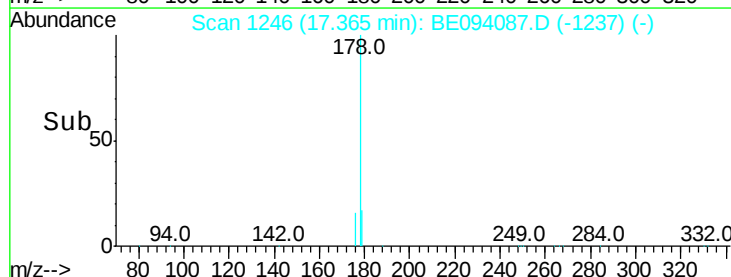
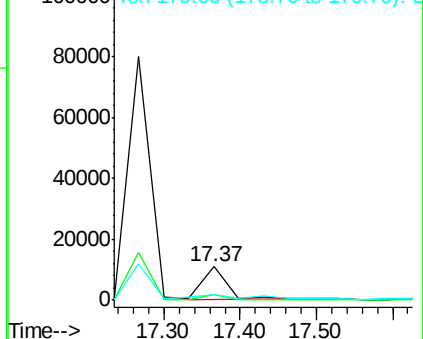
179 27.8 13.0 19.6#

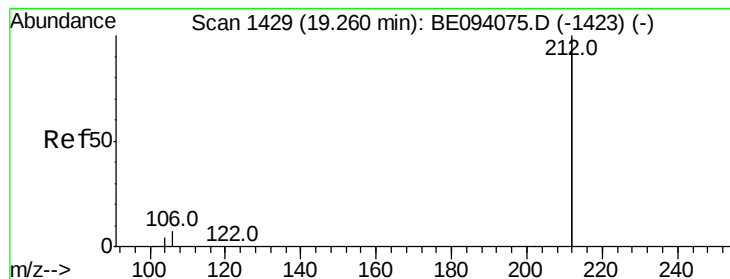


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.188 ng

RT: 19.26 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

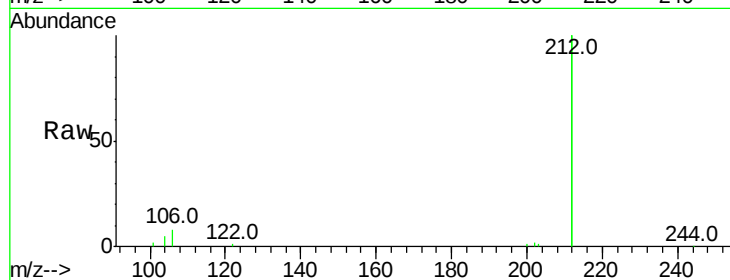
Tot Ion:212 Resp: 62151

Ion Ratio Lower Upper

212 100

106 3.8 2.8 4.2

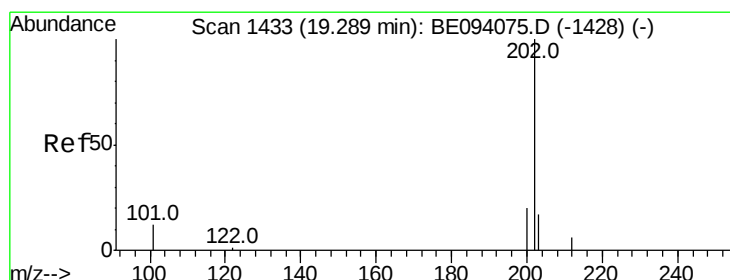
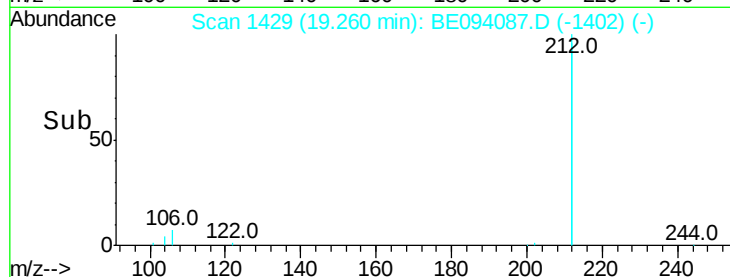
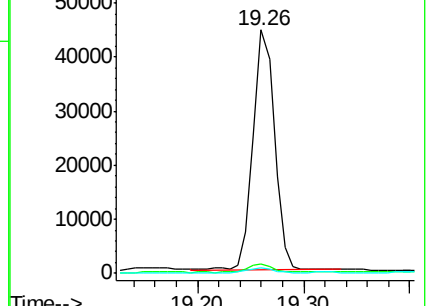
104 2.2 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 2.645 ng

RT: 19.29 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

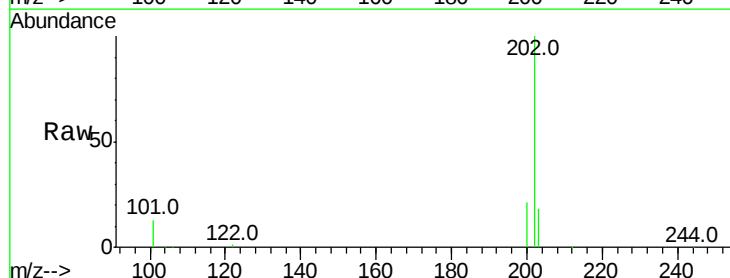
Tgt Ion:202 Resp: 262396

Ion Ratio Lower Upper

202 100

101 13.0 9.8 14.8

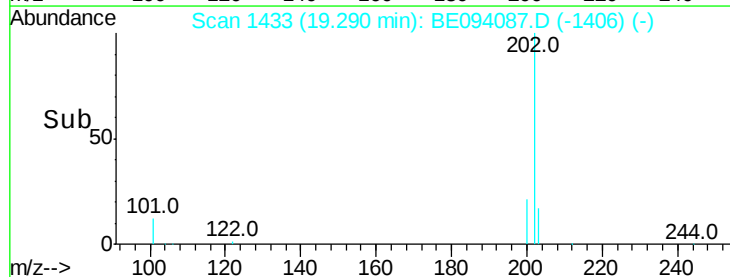
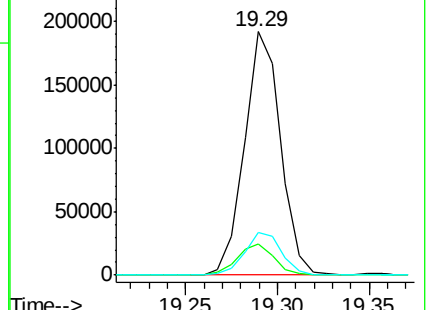
203 17.6 13.7 20.5

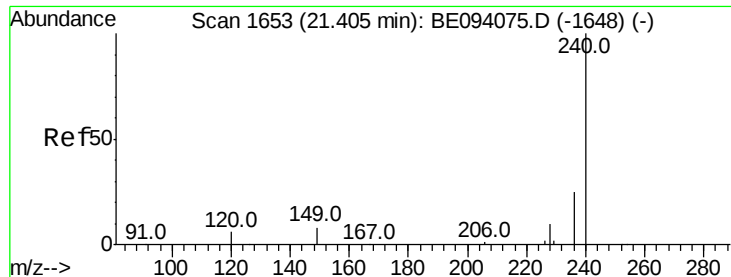


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampled :

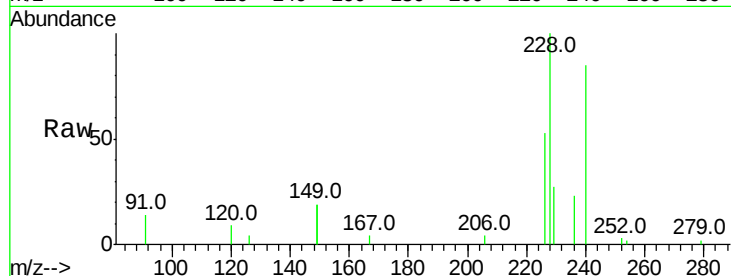
Tot Ion:240 Resp: 15661

Ion Ratio Lower Upper

240 100

120 10.1 5.5 8.3#

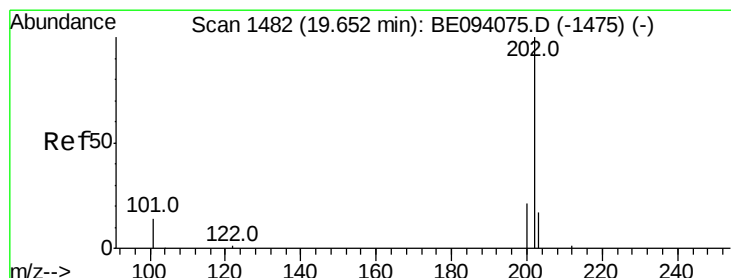
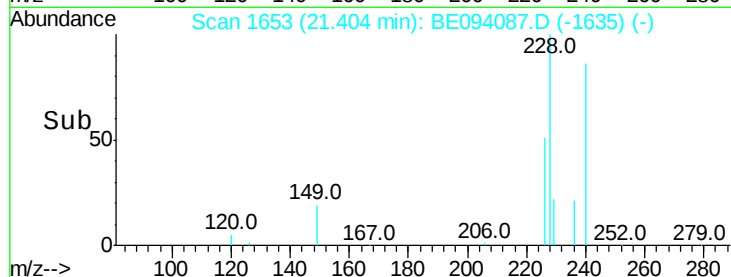
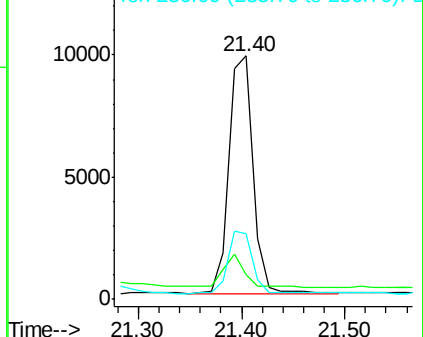
236 27.2 20.7 31.1



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: 5.525 ng

RT: 19.65 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

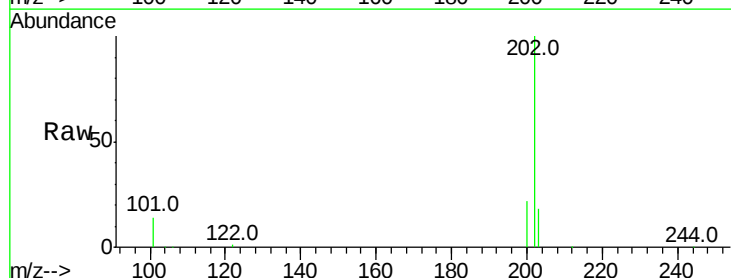
Tgt Ion:202 Resp: 239399

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

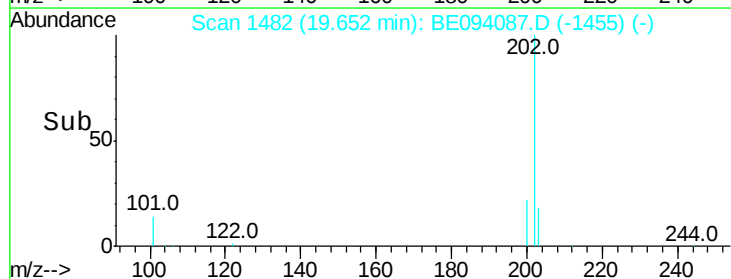
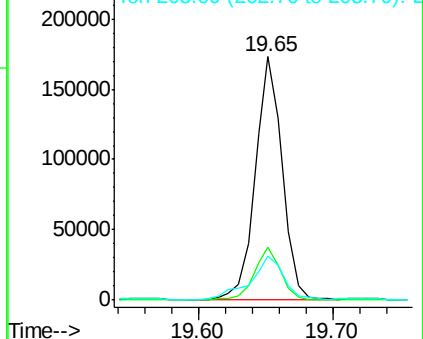
203 21.9 13.8 20.8#

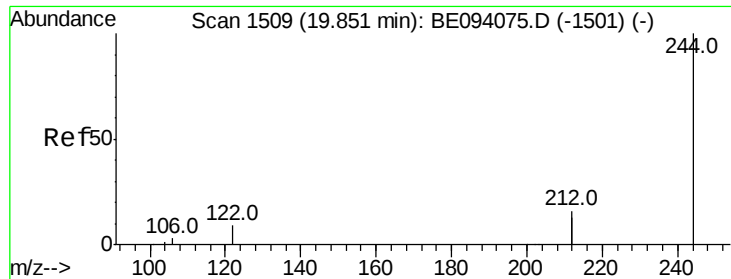


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.356 ng

RT: 19.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

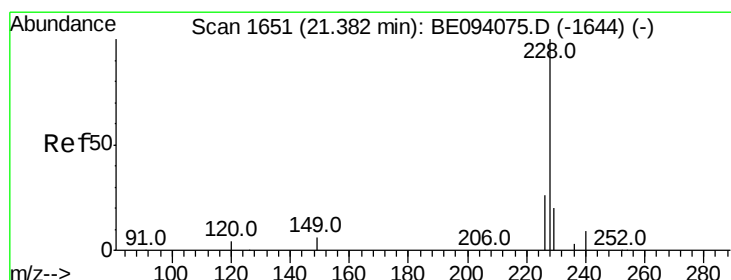
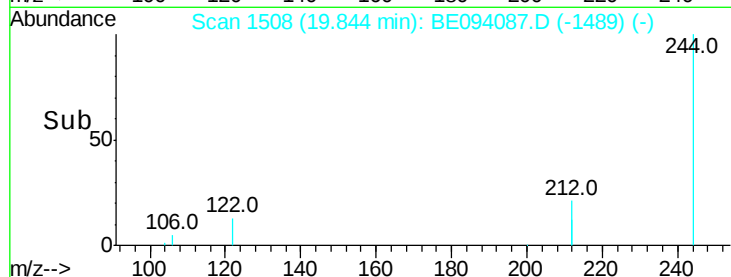
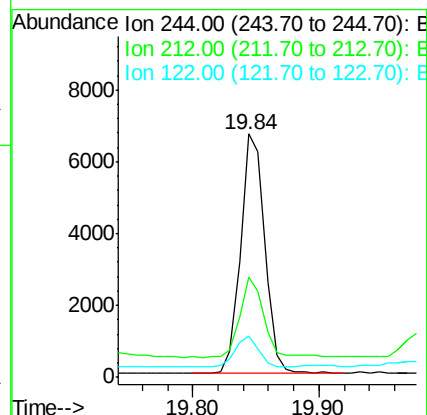
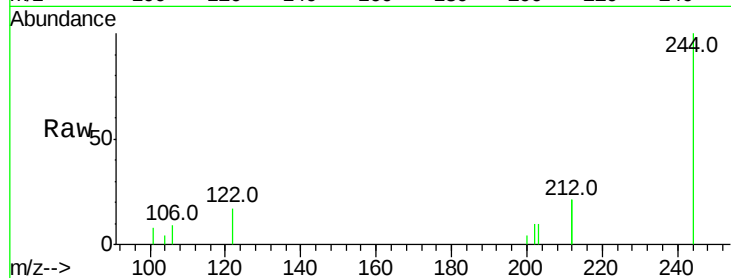
Tot Ion:244 Resp: 8736

Ion Ratio Lower Upper

244 100

212 41.1 25.4 38.0#

122 16.9 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 1.954 ng

RT: 21.38 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

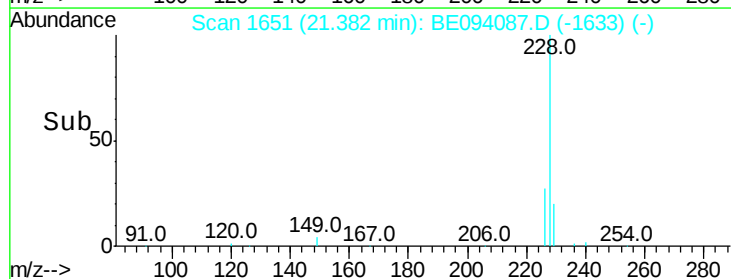
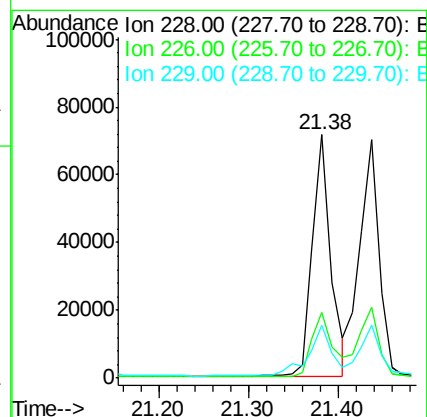
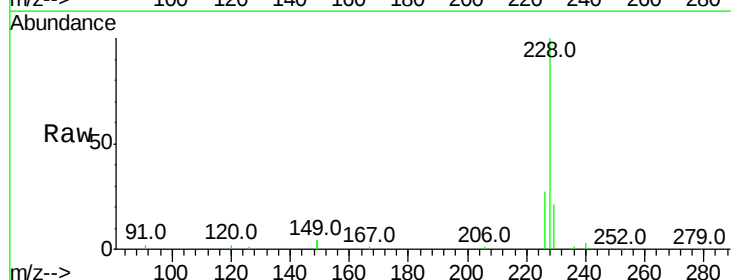
Tgt Ion:228 Resp: 102471

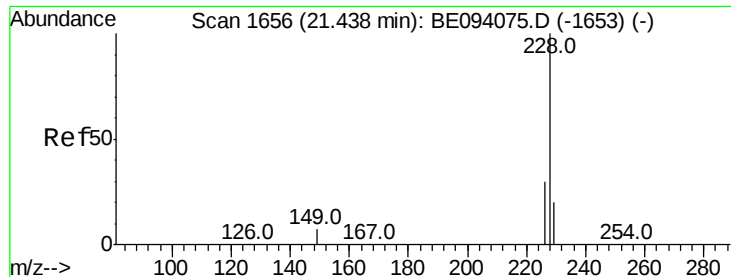
Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 21.5 16.4 24.6





#31

Chrysene

Concen: 2.062 ng

RT: 21.44 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

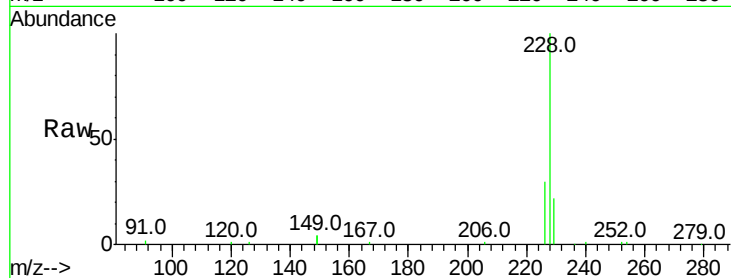
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 105990

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	22.2	16.4	24.6

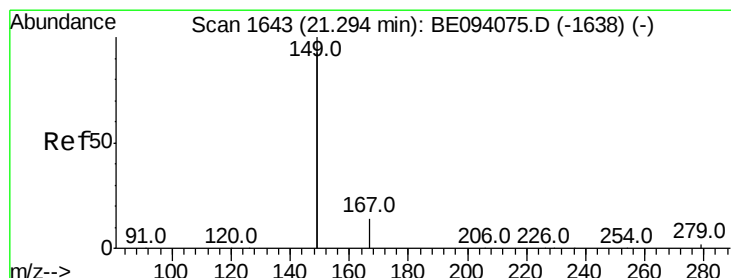
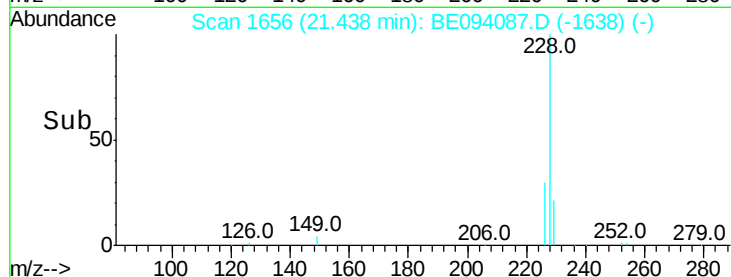
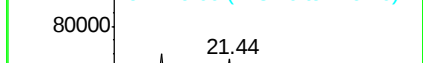


Abundance

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: 0.344 ng

RT: 21.28 min Scan# 1642

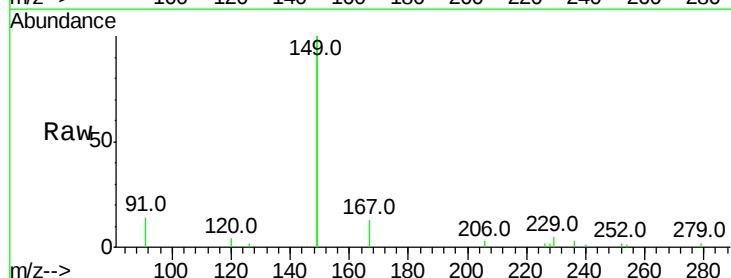
Delta R.T. -0.01 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Tgt Ion:149 Resp: 48520

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	0.9	0.7	1.1

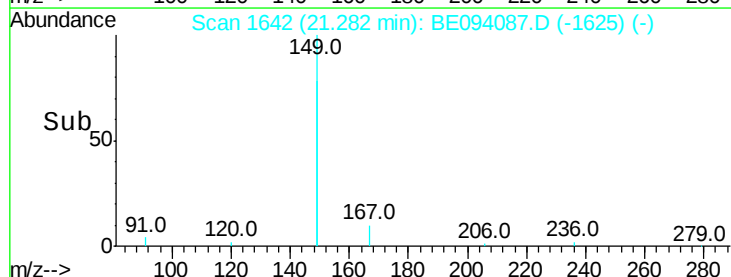


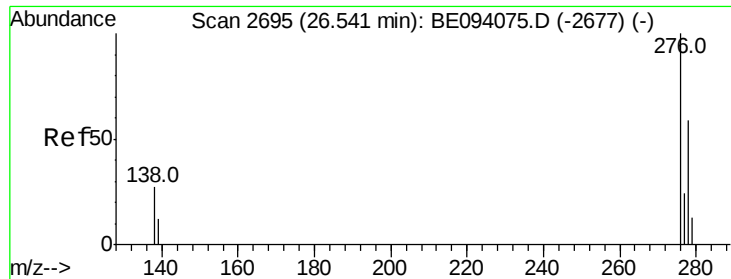
Abundance

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: 1.574 ng

RT: 26.54 min Scan# 2694

Delta R.T. -0.00 min

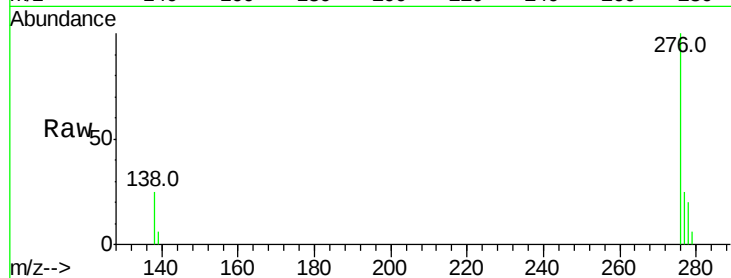
Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :



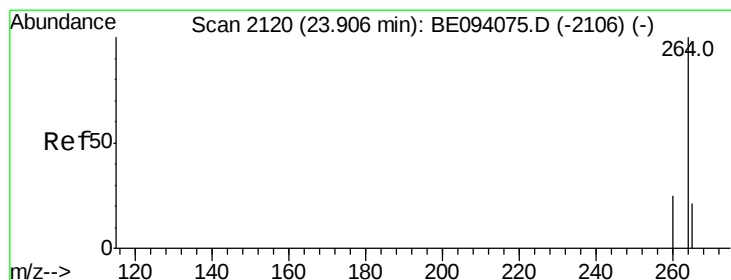
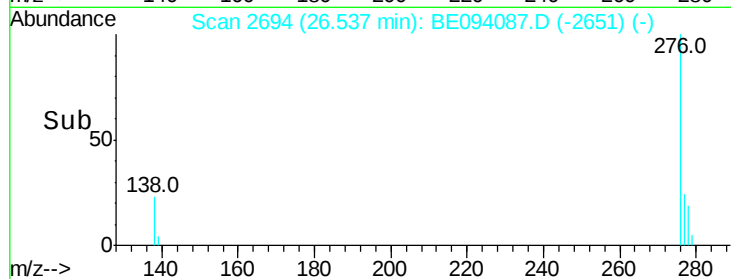
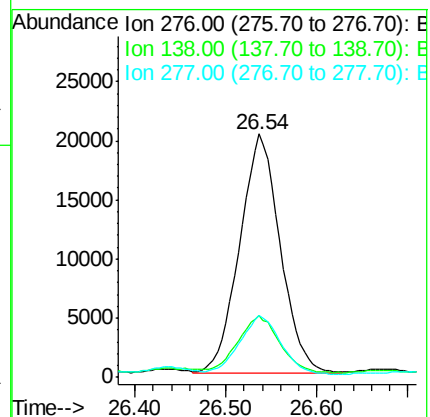
Tot Ion:276 Resp: 62532

Ion Ratio Lower Upper

276 100

138 24.2 22.5 33.7

277 24.6 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

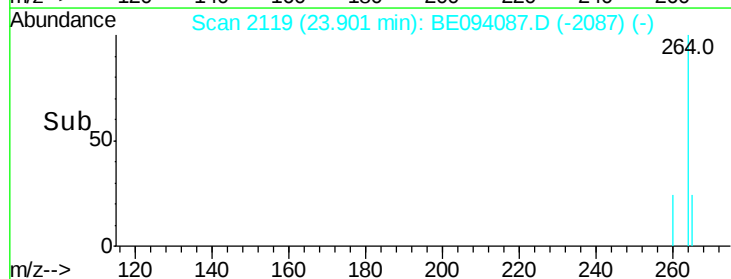
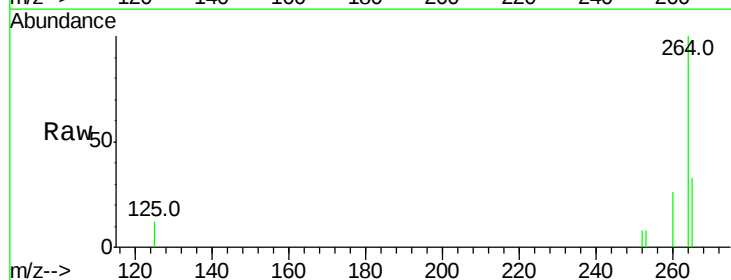
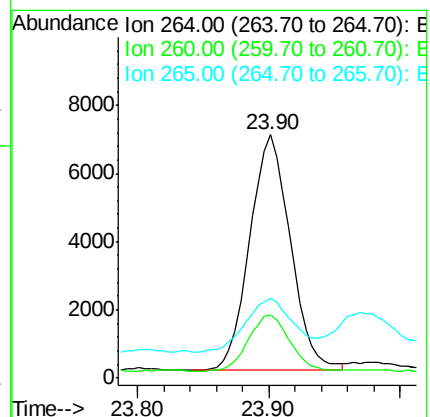
Tgt Ion:264 Resp: 14950

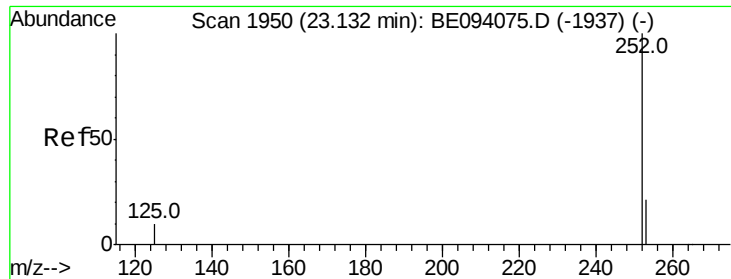
Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 32.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 2.471 ng

RT: 23.13 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

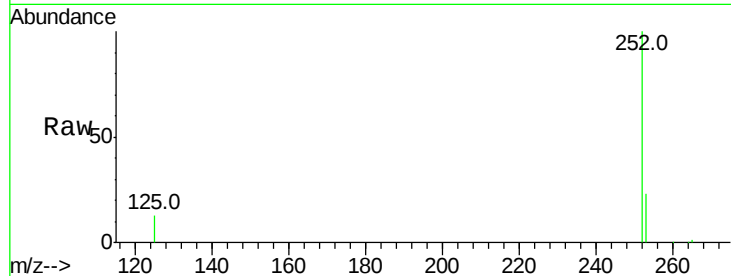
Tot Ion:252 Resp: 133713

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

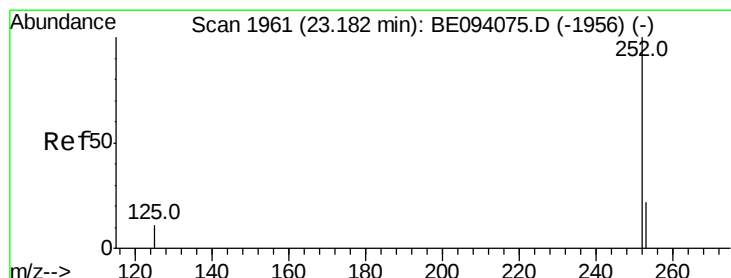
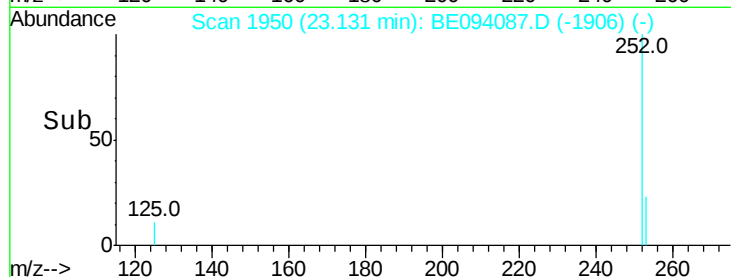
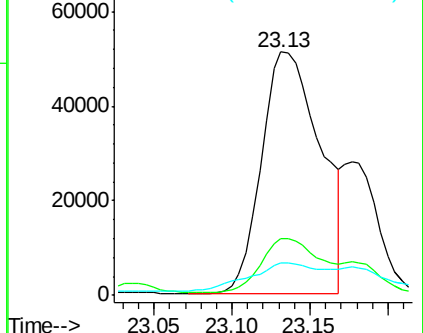
125 13.1 10.1 15.1



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



#36

Benzo(k)fluoranthene

Concen: 2.463 ng

RT: 23.13 min Scan# 1950

Delta R.T. -0.05 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

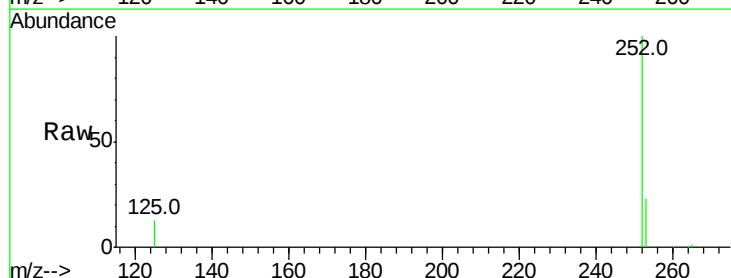
Tgt Ion:252 Resp: 133713

Ion Ratio Lower Upper

252 100

253 23.4 18.6 27.8

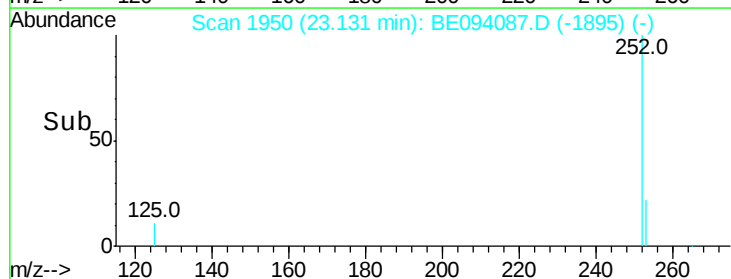
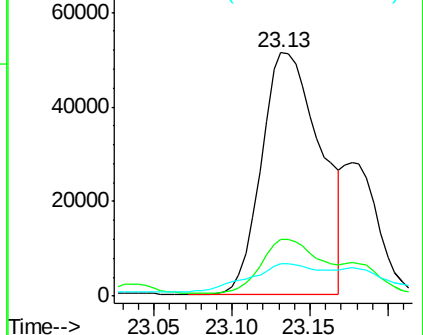
125 13.1 10.7 16.1

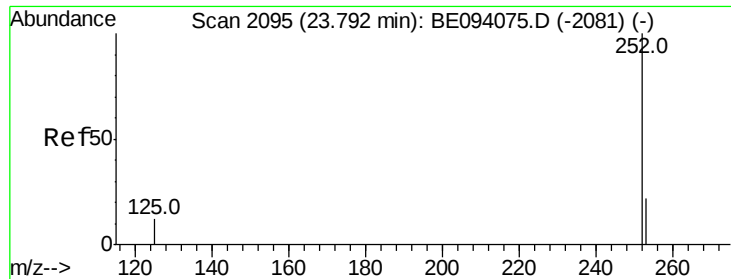


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.920 ng

RT: 23.79 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :

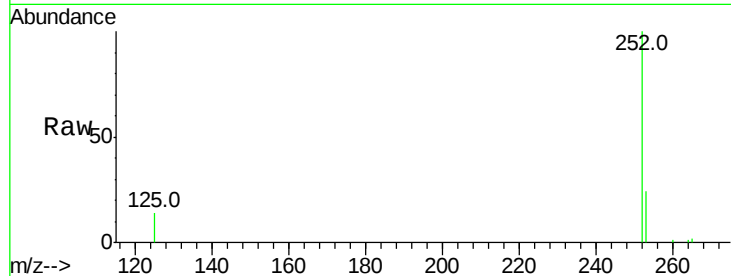
Tot Ion:252 Resp: 93290

Ion Ratio Lower Upper

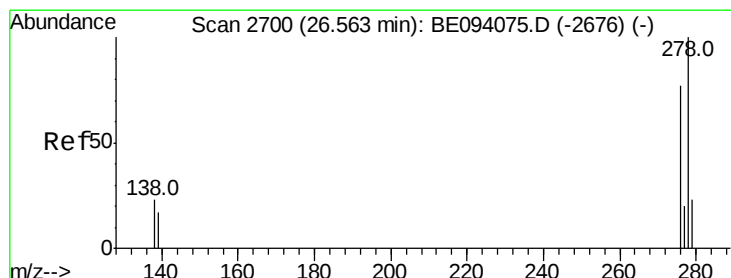
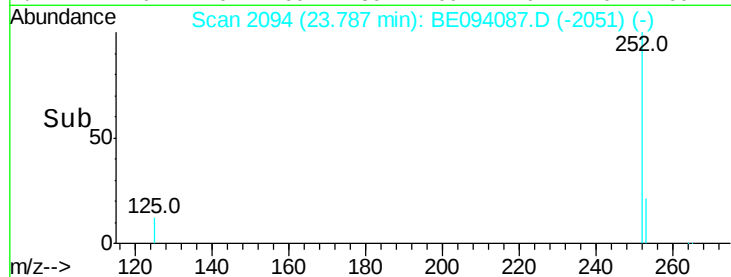
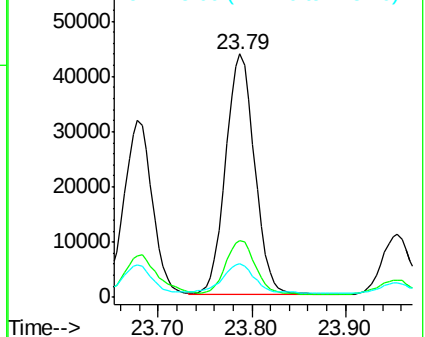
252 100

253 23.5 19.0 28.6

125 13.9 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: 0.385 ng

RT: 26.55 min Scan# 2696

Delta R.T. -0.02 min

Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

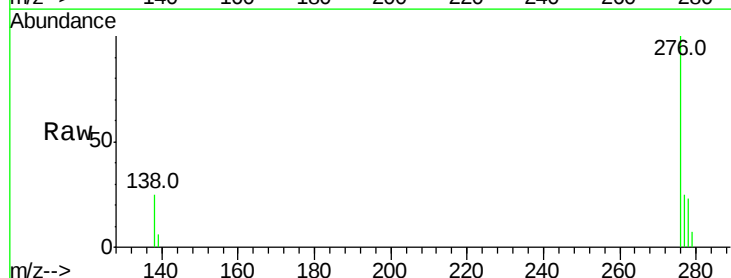
Tgt Ion:278 Resp: 14975

Ion Ratio Lower Upper

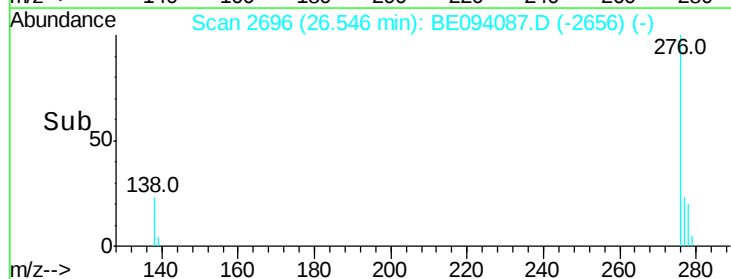
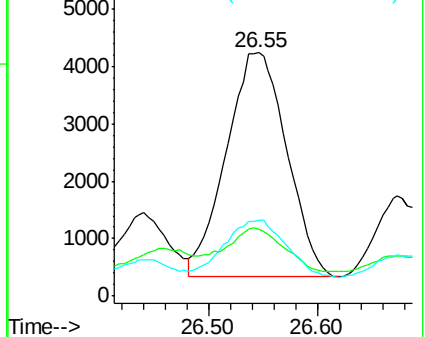
278 100

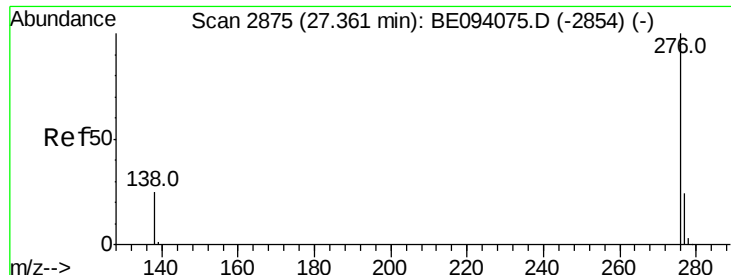
139 27.6 16.3 24.5#

279 31.1 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: 1.642 ng

RT: 27.35 min Scan# 2873

Delta R.T. -0.01 min

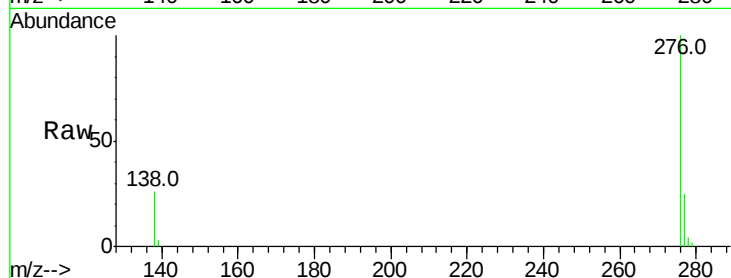
Lab File: BE094087.D

Acq: 23 Sep 2017 20:44

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 63841

Ion Ratio Lower Upper

276 100

277 24.7 20.8 31.2

138 25.8 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

