

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
 Data File : BE094079.D
 Acq On : 23 Sep 2017 15:45
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 25 08:01:22 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	834	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	4324	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	2944	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12003	0.40	ng	0.00
27) Chrysene-d12	21.39	240	17214	0.40	ng	-0.01
34) Perylene-d12	23.90	264	13593	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	1794	0.40	ng	0.00
5) Phenol-d6	7.09	99	1926	0.39	ng	0.00
8) Nitrobenzene-d5	9.06	82	1482	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2811	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1354	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4944	0.51	ng	0.00
25) Fluoranthene-d10	19.26	212	58502	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	10986	0.41	ng	0.00

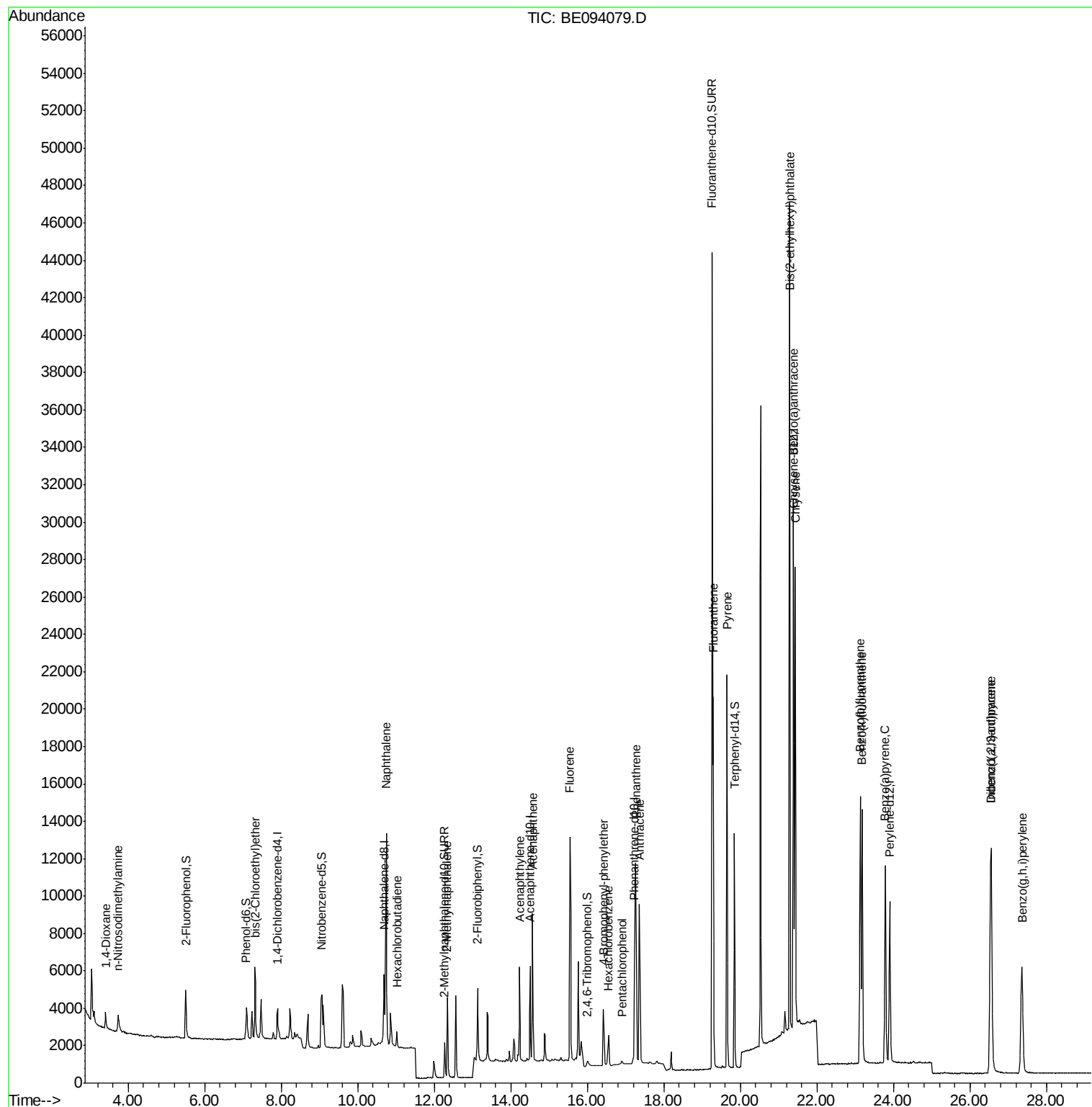
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	943	0.609	ng	# 79
3) n-Nitrosodimethylamine	3.73	42	765	0.372	ng	# 1
6) bis(2-Chloroethyl)ether	7.33	93	1417	0.385	ng	92
9) Naphthalene	10.74	128	20668	0.321	ng	100
10) Hexachlorobutadiene	11.03	225	704	0.402	ng	98
12) 2-Methylnaphthalene	12.34	142	3361	0.385	ng	99
16) Acenaphthylene	14.23	152	5749	0.388	ng	99
17) Acenaphthene	14.57	154	3904	0.397	ng	97
18) Fluorene	15.55	166	5670	0.387	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2368	0.369	ng	98
21) Hexachlorobenzene	16.55	284	1727	0.367	ng	98
22) Pentachlorophenol	16.91	266	375	0.230	ng	85
23) Phenanthrene	17.27	178	16303	0.379	ng	99
24) Anthracene	17.37	178	12999	0.392	ng	99
26) Fluoranthene	19.29	202	17502	0.379	ng	100
28) Pyrene	19.65	202	19326	0.406	ng	100
30) Benzo(a)anthracene	21.38	228	23118	0.401	ng	99
31) Chrysene	21.44	228	23226	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	58125	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	16712	0.383	ng	99
35) Benzo(b)fluoranthene	23.13	252	20398	0.415	ng	99
36) Benzo(k)fluoranthene	23.18	252	19655	0.398	ng	99
37) Benzo(a)pyrene	23.79	252	17694	0.401	ng	99
38) Dibenzo(a,h)anthracene	26.56	278	14407	0.407	ng	99
39) Benzo(g,h,i)perylene	27.36	276	14470	0.409	ng	98

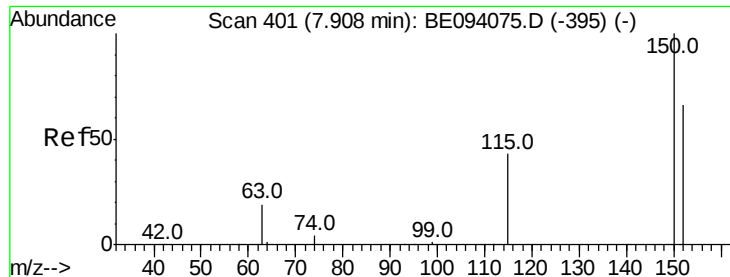
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094079.D
Acq On : 23 Sep 2017 15:45
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Sep 25 08:01:22 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



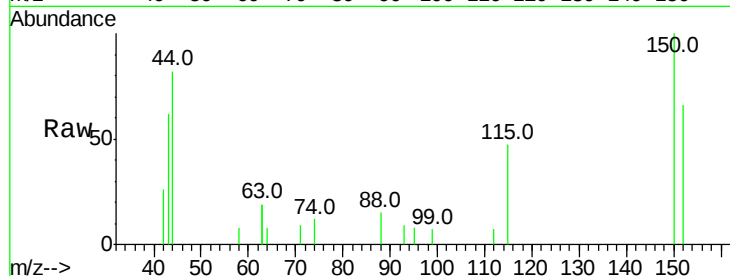


#1

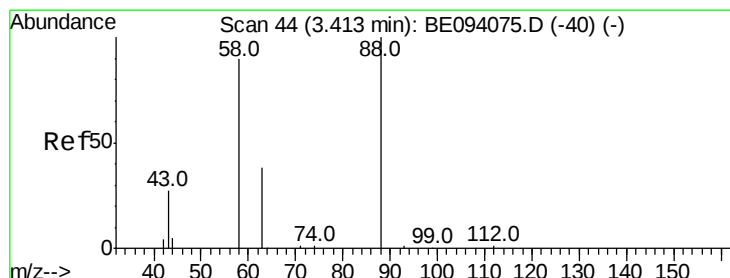
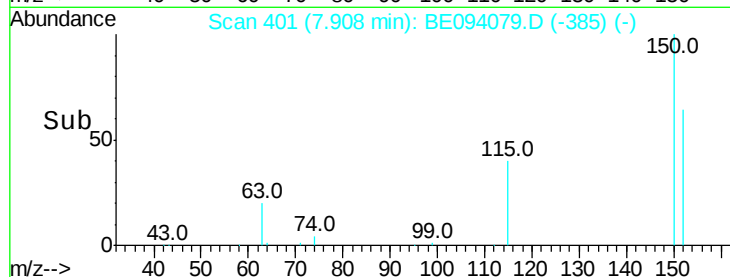
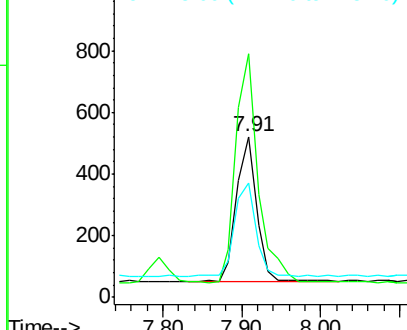
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 834
Ion Ratio Lower Upper
152 100
150 151.6 117.2 175.8
115 70.8 57.0 85.6



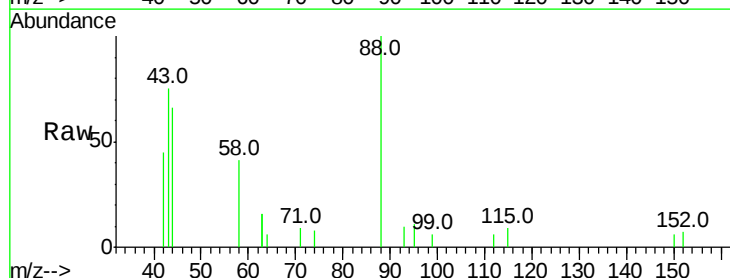
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



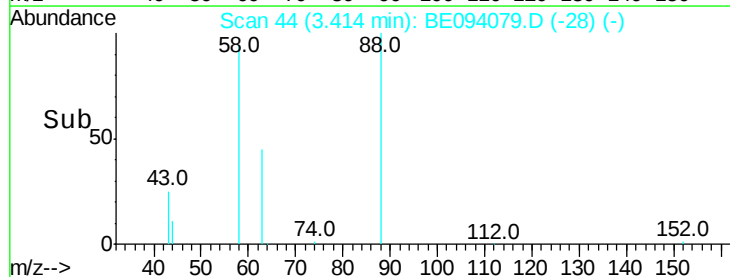
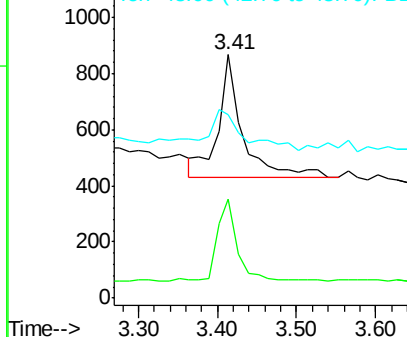
#2

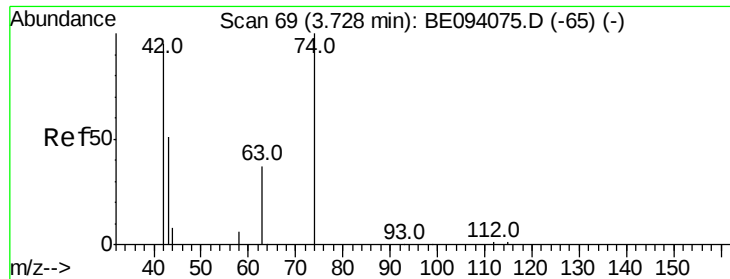
1,4-Dioxane
Concen: 0.609 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

Tgt Ion: 88 Resp: 943
Ion Ratio Lower Upper
88 100
58 52.7 63.2 94.8#
43 56.7 41.2 61.8



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: 0.372 ng

RT: 3.73 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampled :

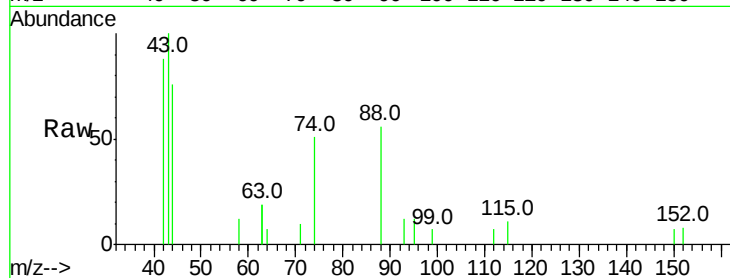
Tot Ion: 42 Resp: 765

Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

44 0.0 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

3.73

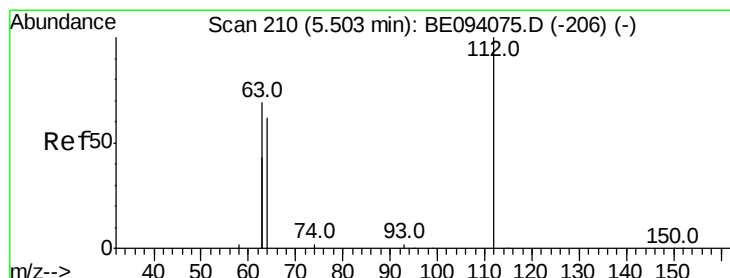
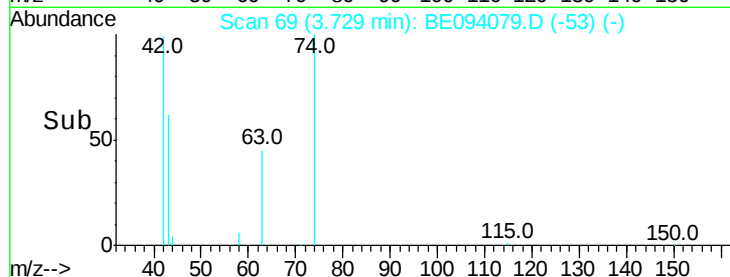
600

400

200

0

Time--> 3.60 3.70 3.80 3.90



#4

2-Fluorophenol

Concen: 0.395 ng

RT: 5.50 min Scan# 210

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

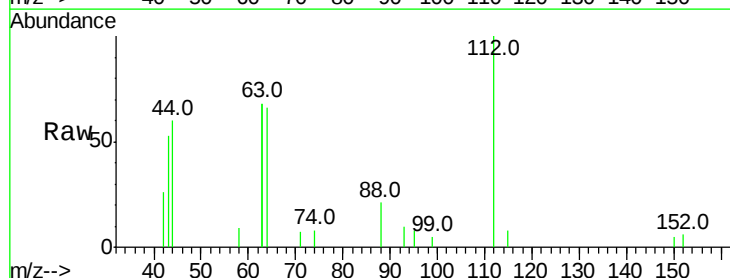
Tgt Ion: 112 Resp: 1794

Ion Ratio Lower Upper

112 100

64 76.3 60.1 90.1

63 150.7 116.8 175.2



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

2000

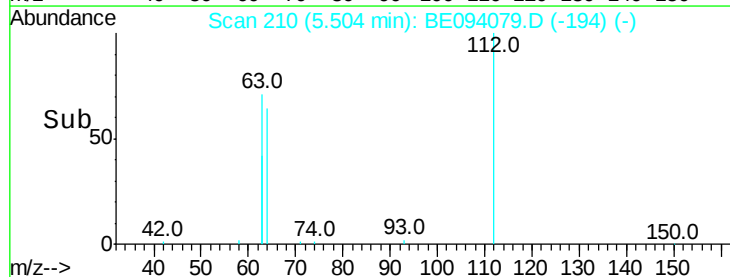
1500

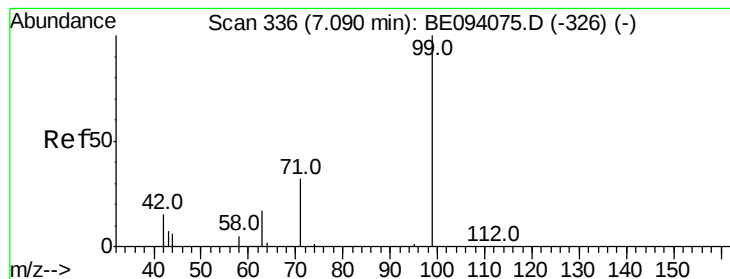
1000

500

0

Time--> 5.40 5.50 5.60 5.70





#5

Phenol-d6

Concen: 0.391 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampled :

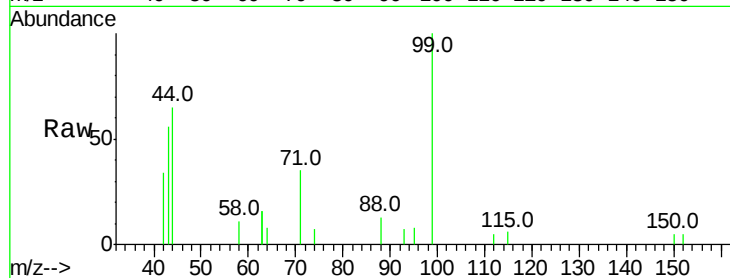
Tot Ion: 99 Resp: 1926

Ion Ratio Lower Upper

99 100

42 25.1 20.2 30.2

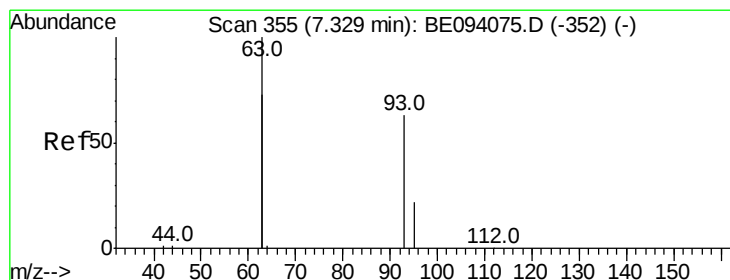
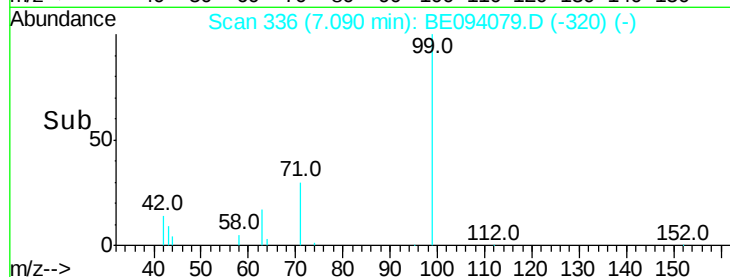
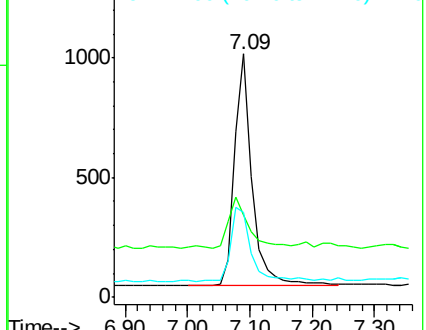
71 38.2 28.4 42.6



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: 0.385 ng

RT: 7.33 min Scan# 355

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

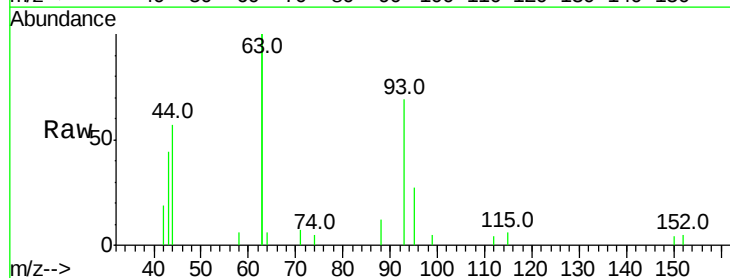
Tgt Ion: 93 Resp: 1417

Ion Ratio Lower Upper

93 100

63 362.7 275.3 412.9

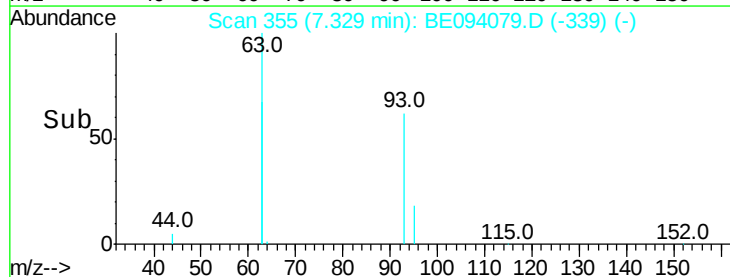
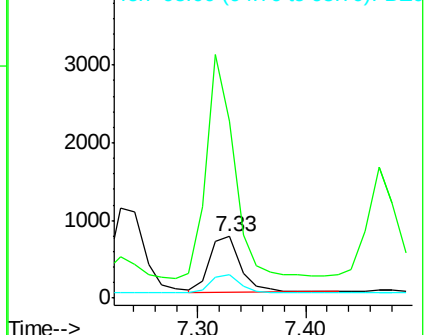
95 32.5 25.2 37.8

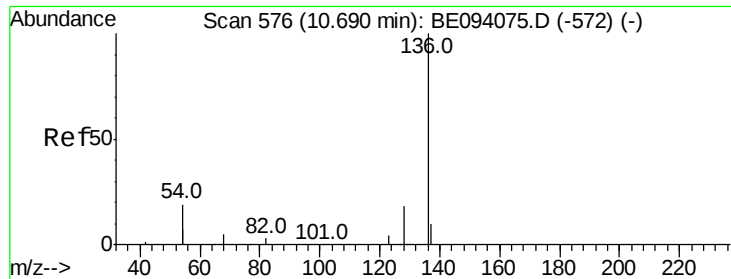


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4324

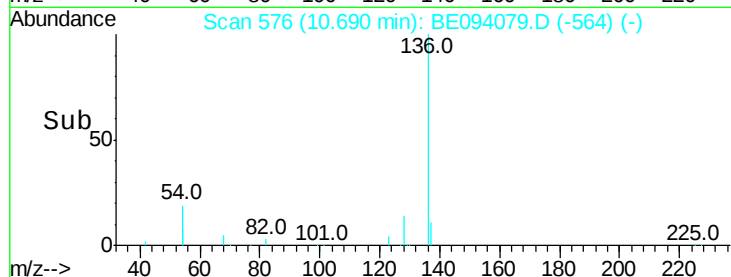
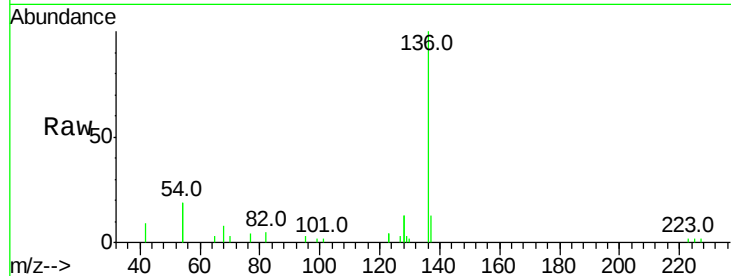
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 37.1 29.1 43.7

68 7.8 6.2 9.2

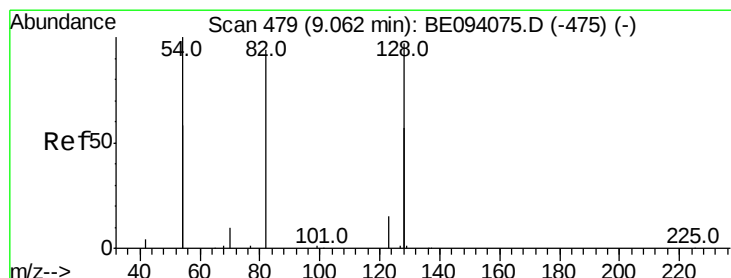
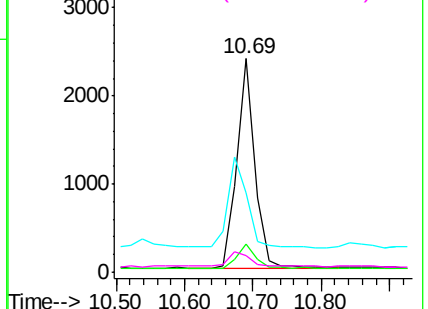


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.385 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

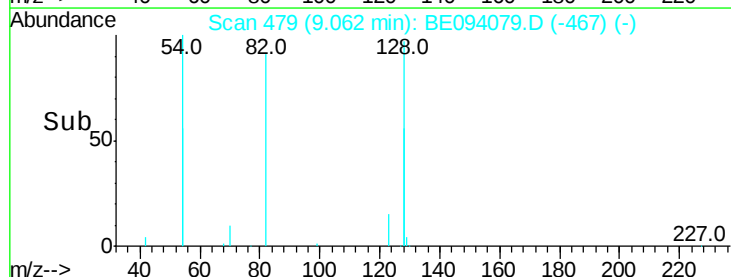
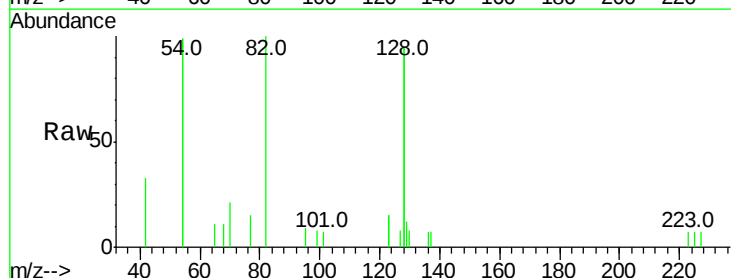
Tgt Ion: 82 Resp: 1482

Ion Ratio Lower Upper

82 100

128 190.6 150.0 225.0

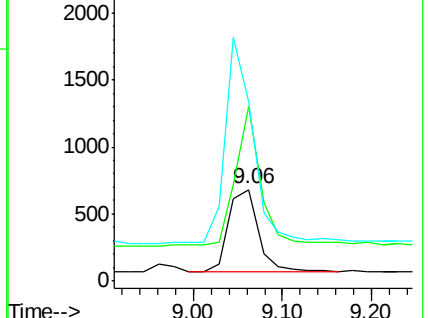
54 197.1 154.2 231.4

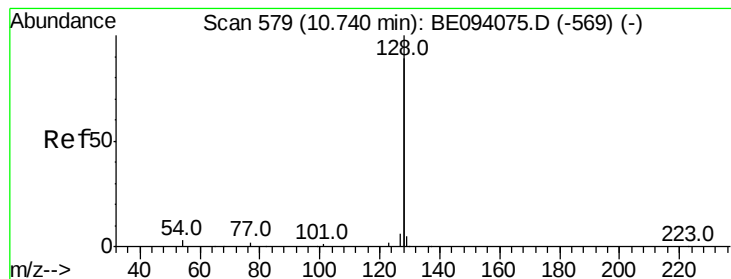


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.321 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampled :

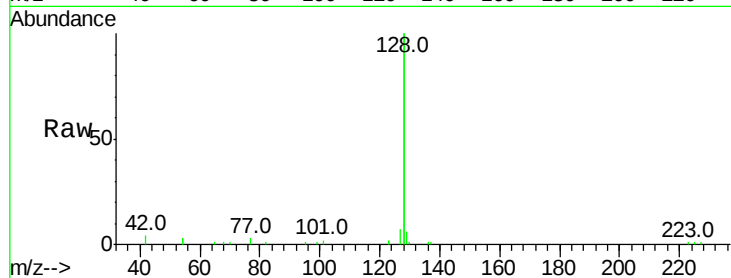
Tot Ion:128 Resp: 20668

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

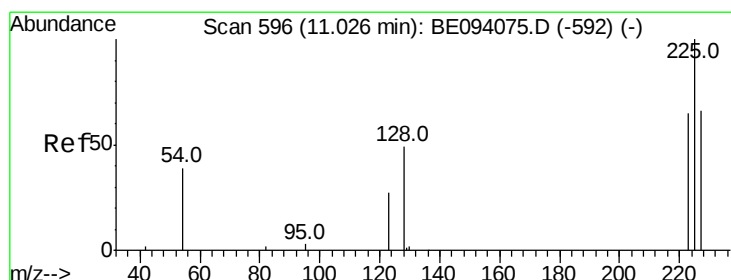
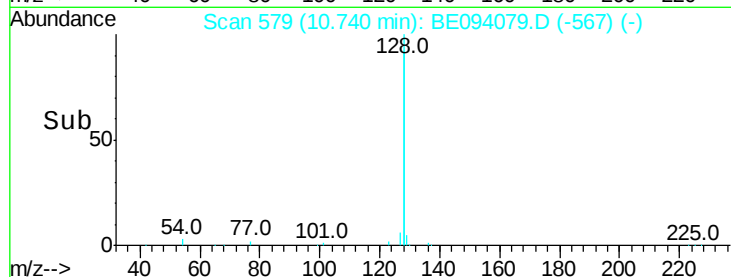
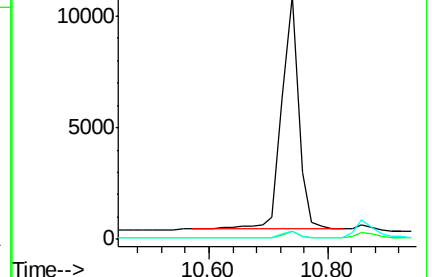
127 3.5 2.8 4.2



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: 0.402 ng

RT: 11.03 min Scan# 596

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

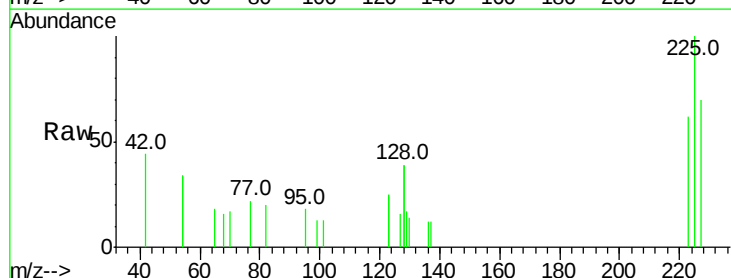
Tgt Ion:225 Resp: 704

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

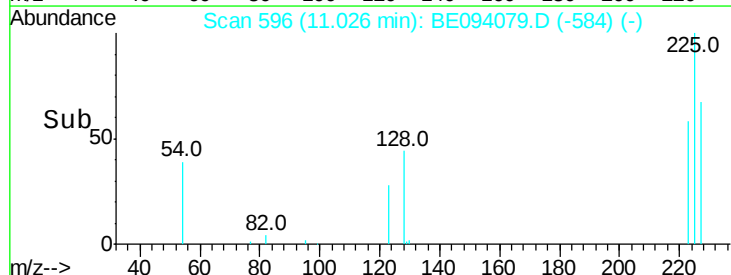
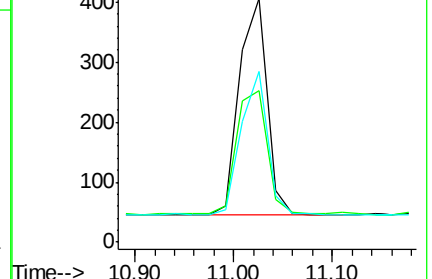
227 63.4 51.4 77.2

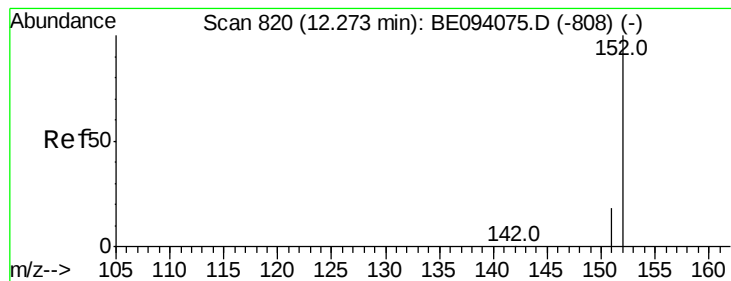


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

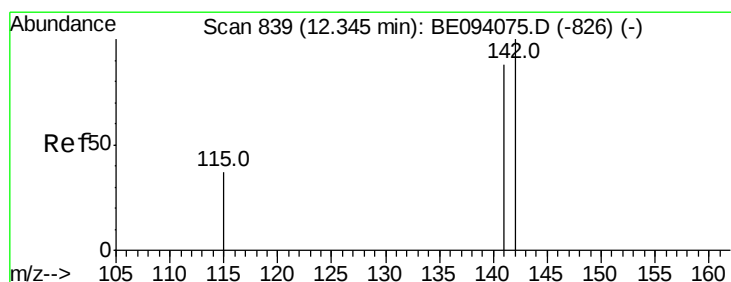
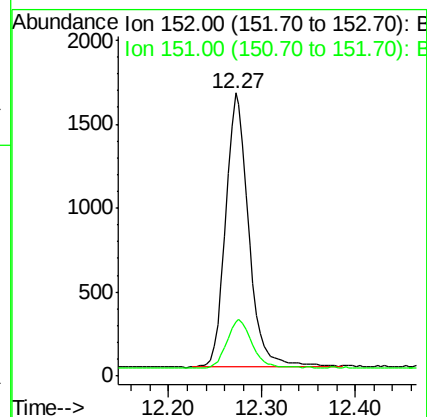
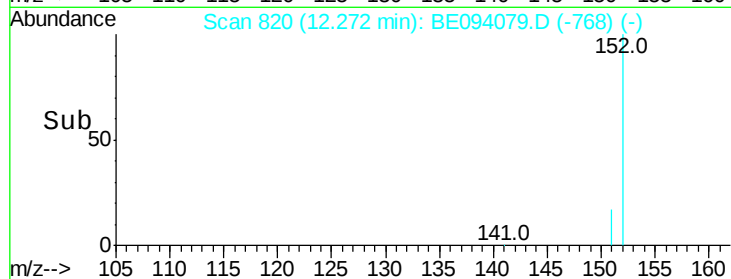
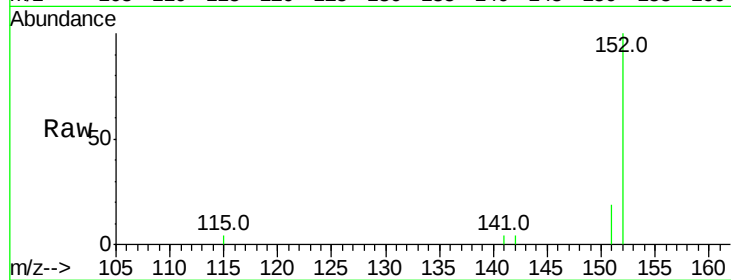
ClientSampleId :

Tot Ion:152 Resp: 2811

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 12.34 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

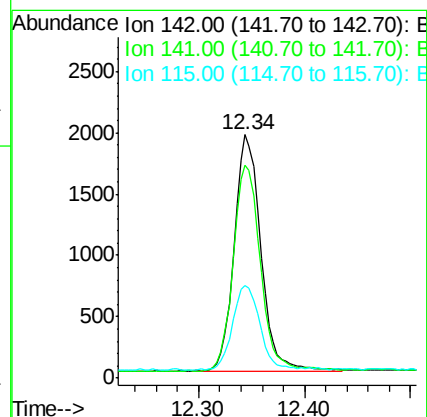
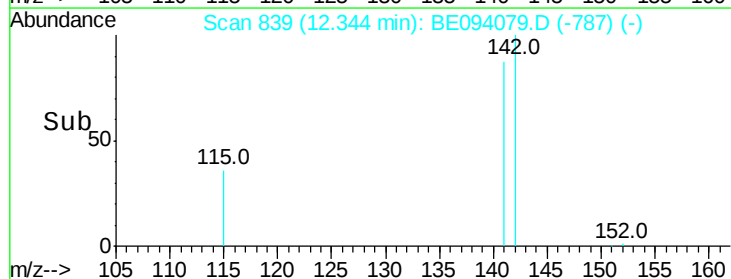
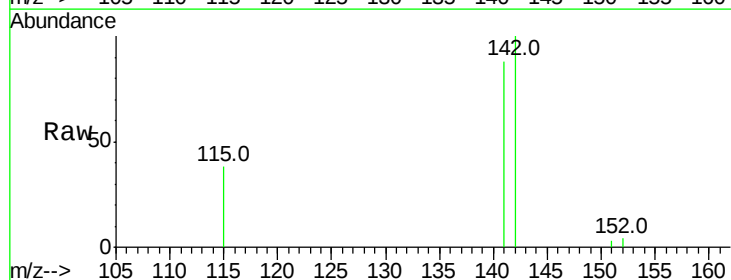
Tgt Ion:142 Resp: 3361

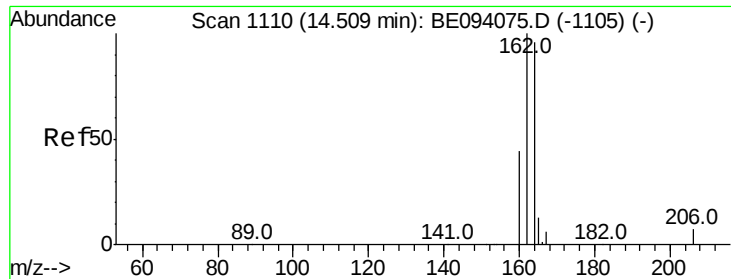
Ion Ratio Lower Upper

142 100

141 87.5 70.4 105.6

115 38.2 31.7 47.5

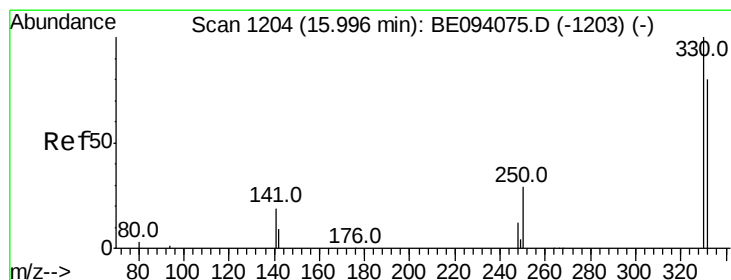
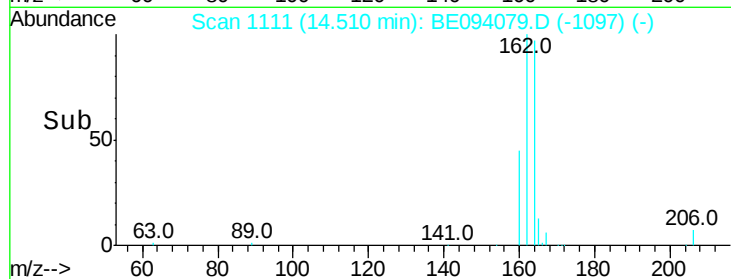
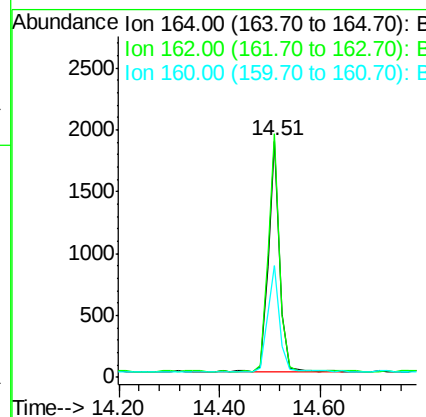
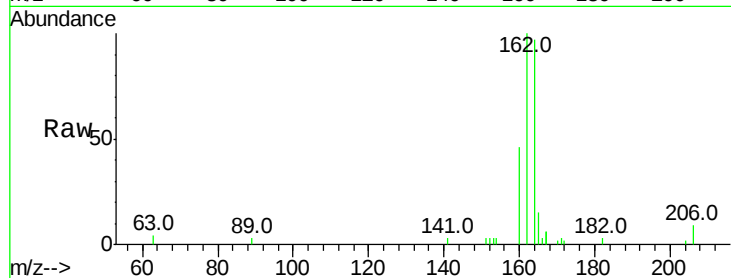




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094079.D
 Acq: 23 Sep 2017 15:45

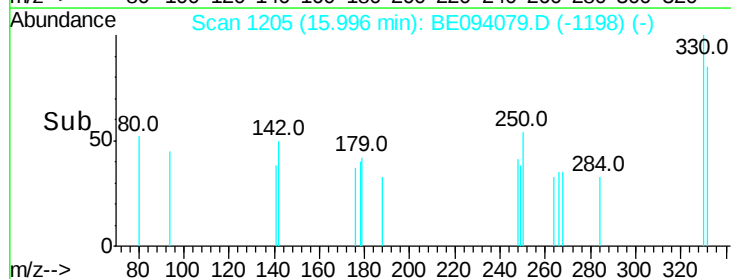
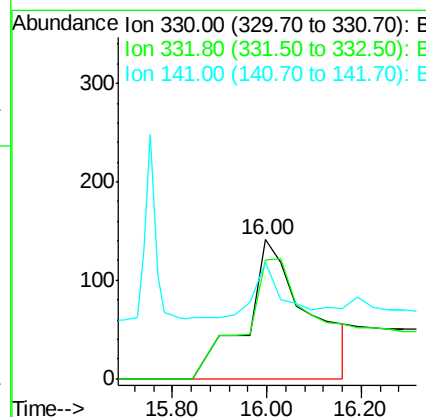
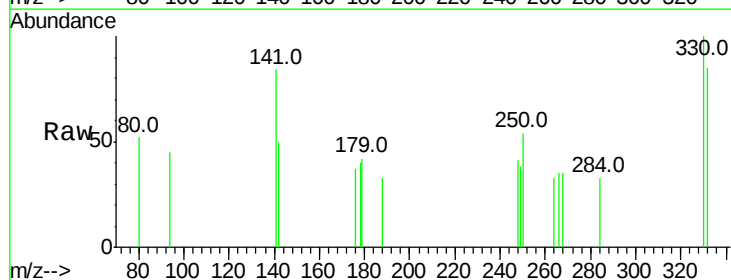
Instrument :
 BNA_E
 ClientSampleId :

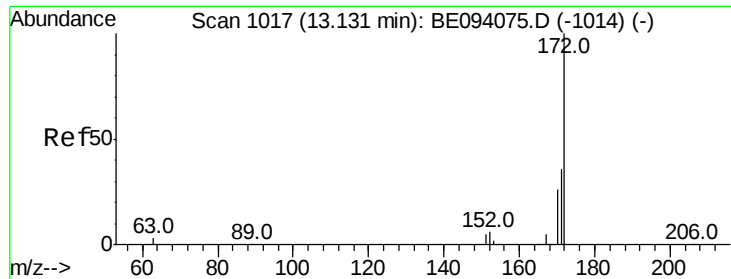
Tot Ion:164 Resp: 2944
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.1 124.7
 160 47.2 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.606 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE094079.D
 Acq: 23 Sep 2017 15:45

Tgt Ion:330 Resp: 1354
 Ion Ratio Lower Upper
 330 100
 332 0.0 152.7 229.1#
 141 17.9 33.7 50.5#

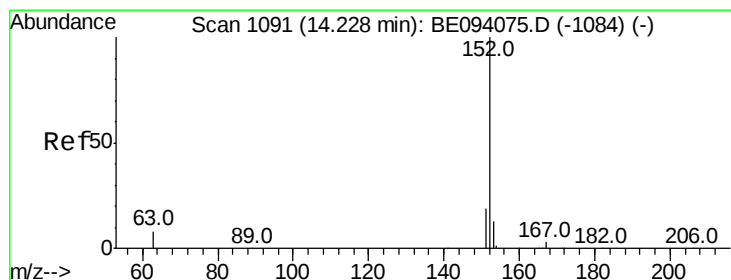
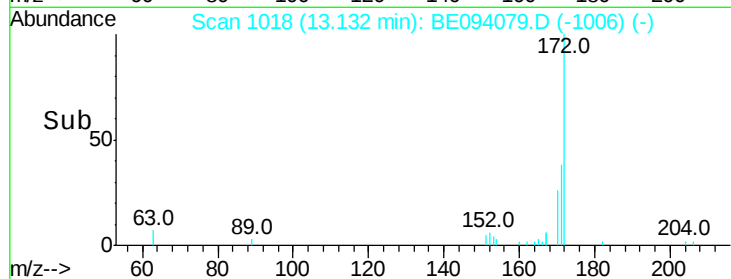
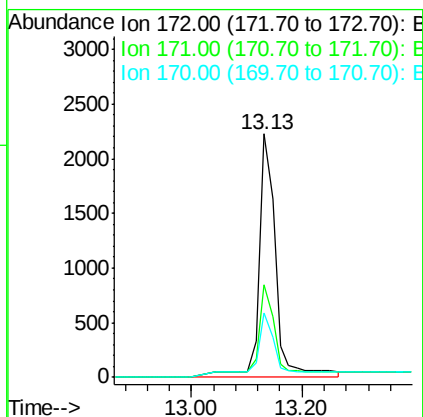
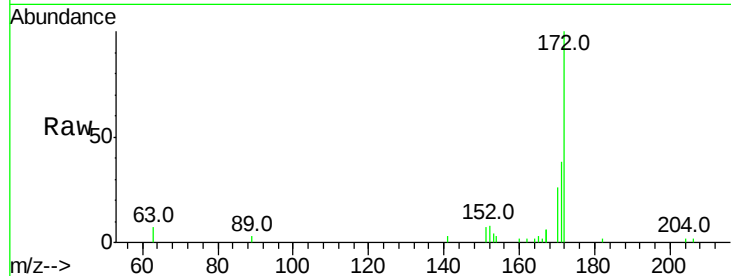




#15
2-Fluorobiphenyl
Concen: 0.511 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

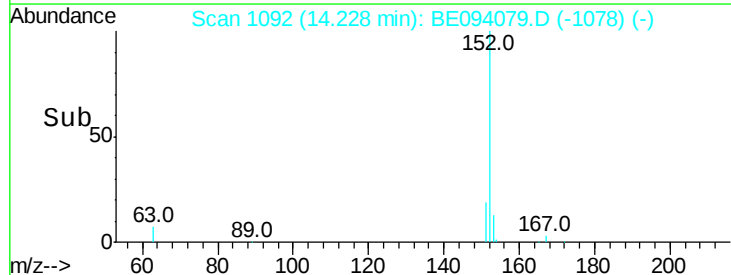
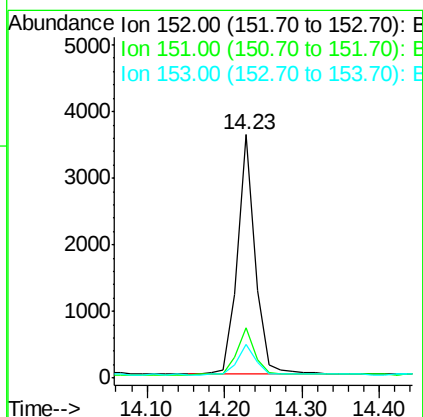
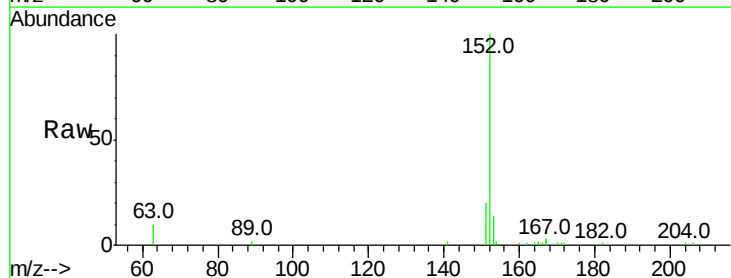
Instrument :
BNA_E
ClientSampleId :

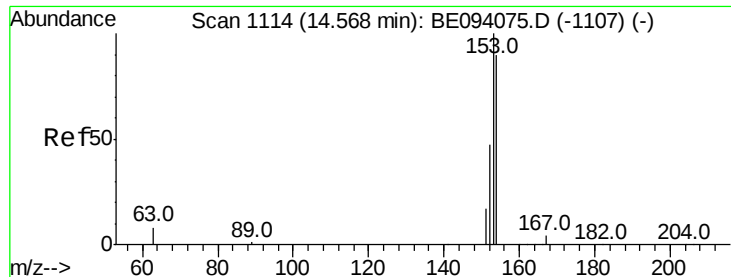
Tot Ion:172 Resp: 4944
Ion Ratio Lower Upper
172 100
171 38.0 29.9 44.9
170 26.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

Tgt Ion:152 Resp: 5749
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.57 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampleId :

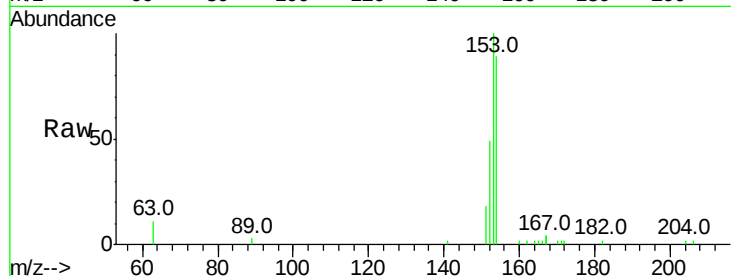
Tot Ion:154 Resp: 3904

Ion Ratio Lower Upper

154 100

153 113.5 89.2 133.8

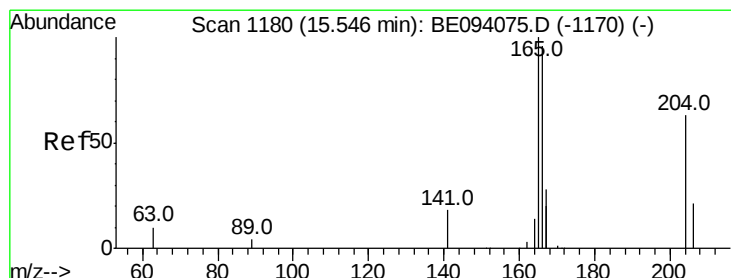
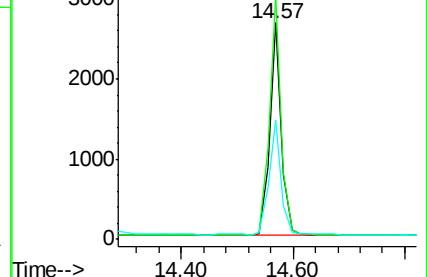
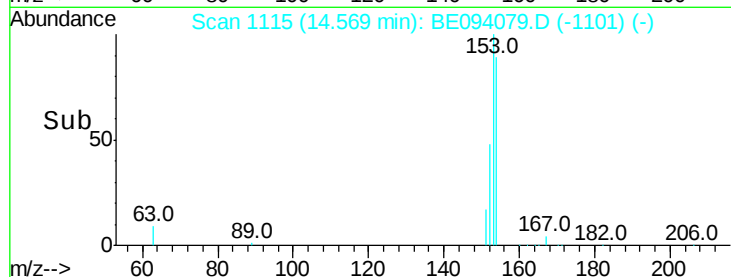
152 56.3 42.0 63.0



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: 0.387 ng

RT: 15.55 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

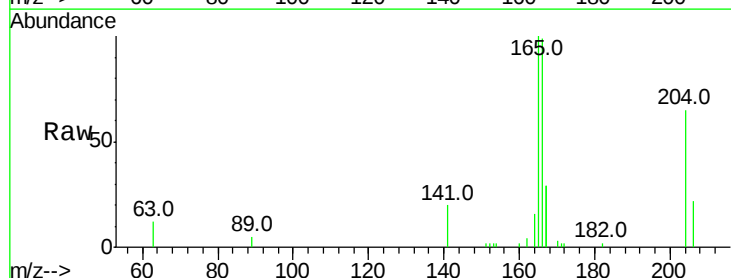
Tgt Ion:166 Resp: 5670

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.6

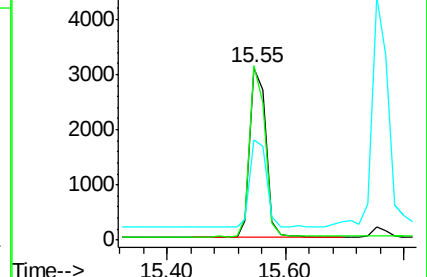
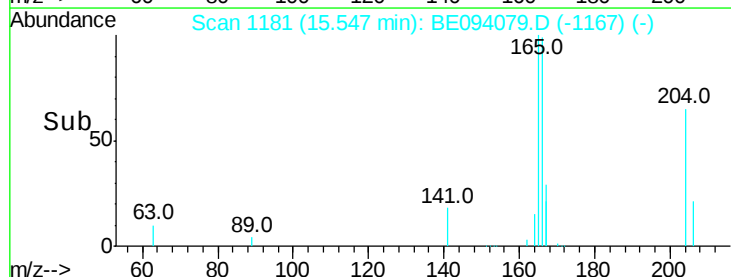
167 53.3 42.4 63.6

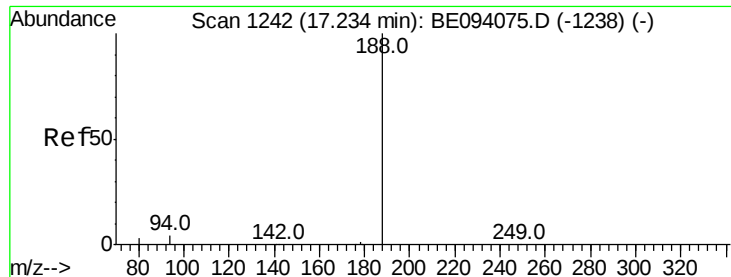


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampleId :

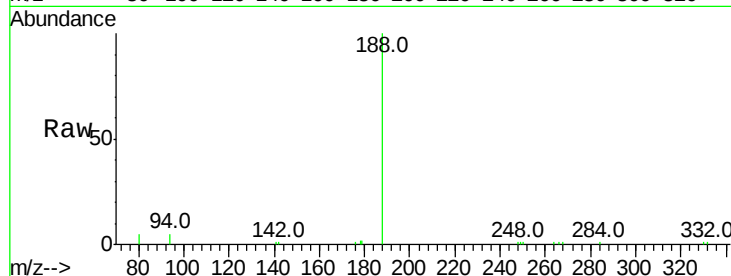
Tot Ion:188 Resp: 12003

Ion Ratio Lower Upper

188 100

94 4.8 3.9 5.9

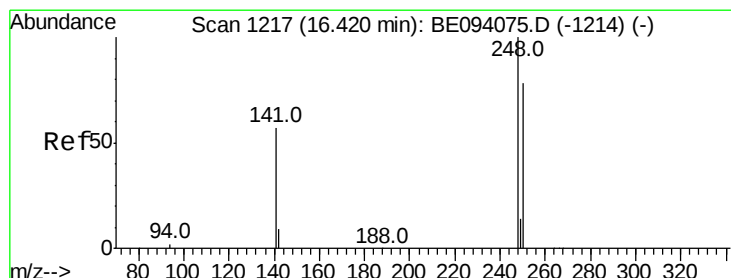
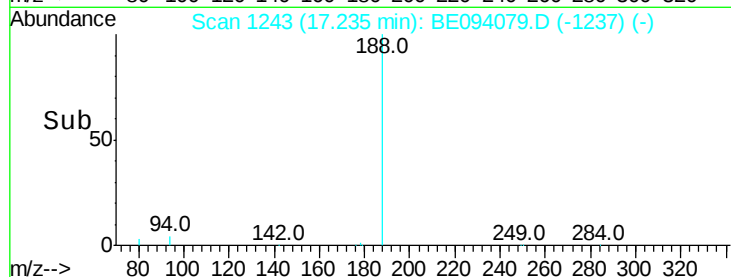
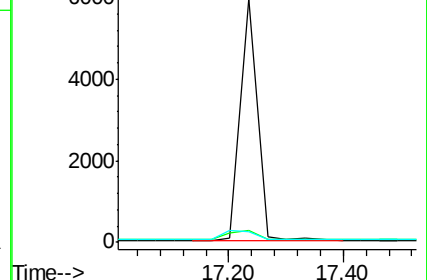
80 4.5 3.6 5.4



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: 0.369 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

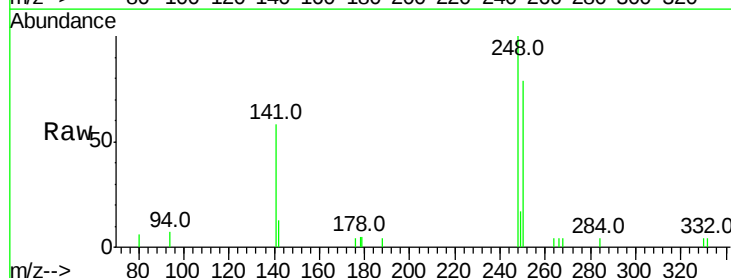
Tgt Ion:248 Resp: 2368

Ion Ratio Lower Upper

248 100

250 79.2 62.7 94.1

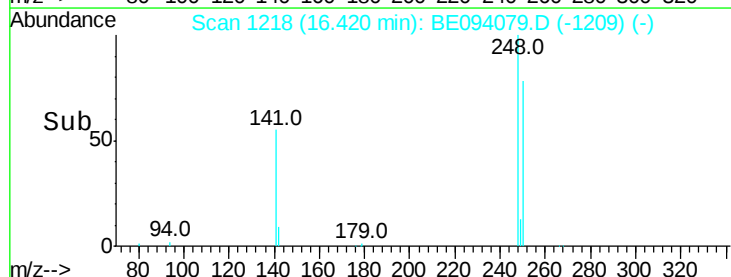
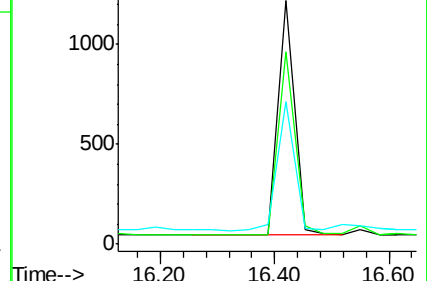
141 58.4 48.2 72.2

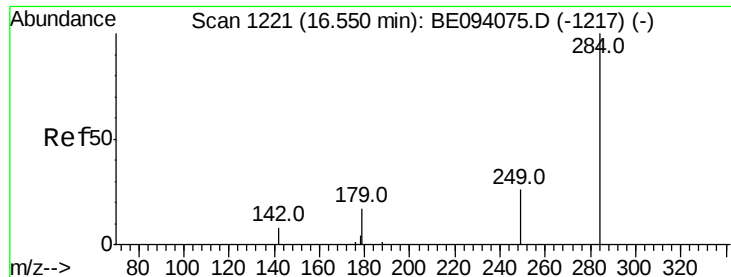


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

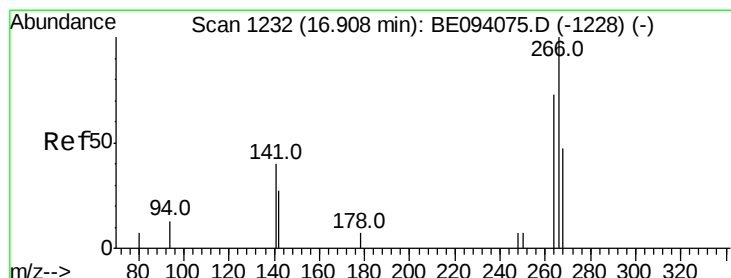
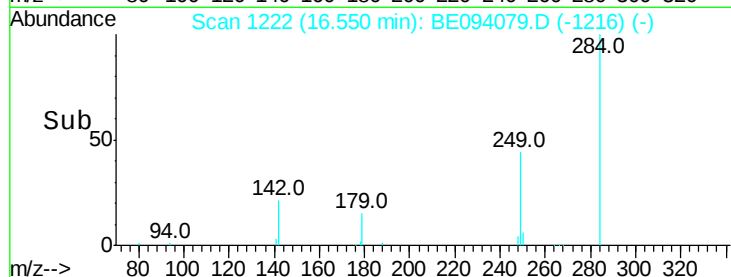
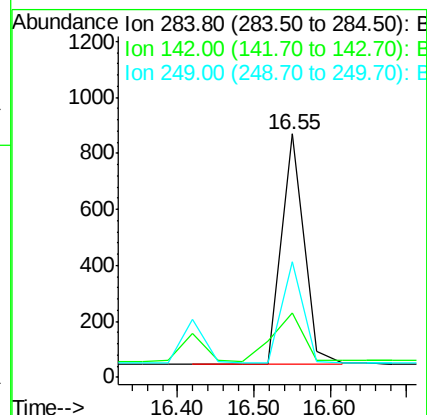
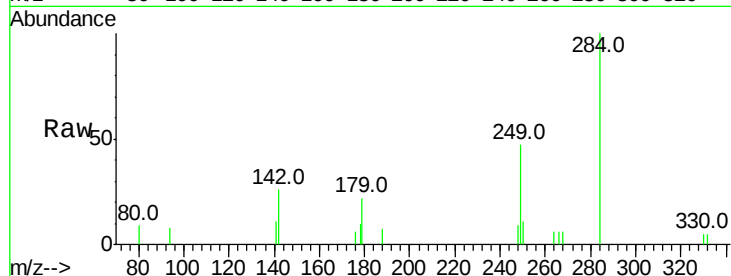




#21
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

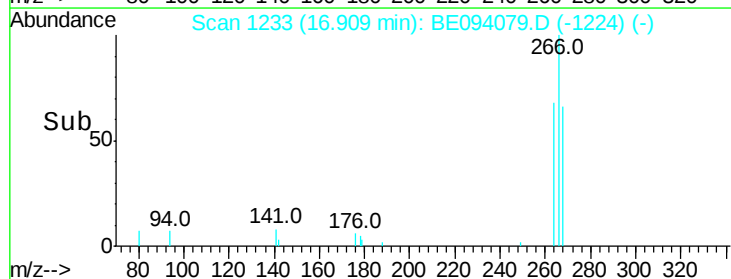
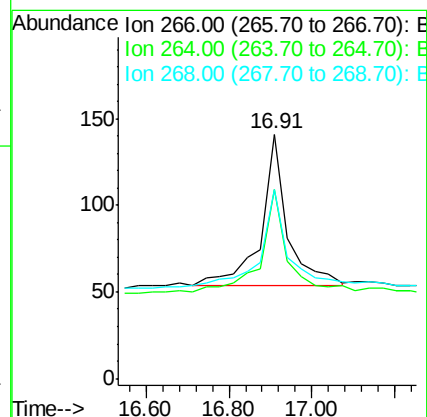
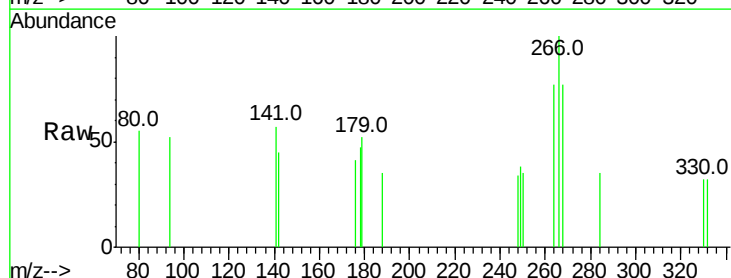
Instrument :
BNA_E
ClientSampled :

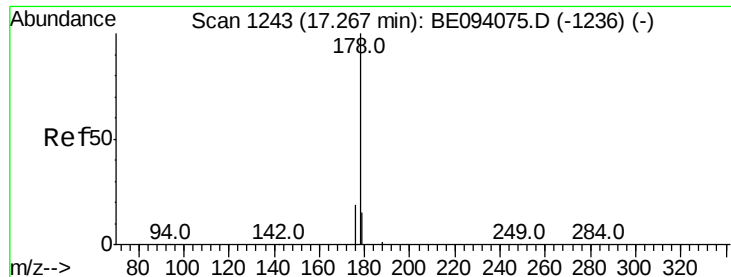
Tot Ion:284 Resp: 1727
Ion Ratio Lower Upper
284 100
142 28.2 22.1 33.1
249 41.5 34.8 52.2



#22
Pentachlorophenol
Concen: 0.230 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

Tgt Ion:266 Resp: 375
Ion Ratio Lower Upper
266 100
264 77.3 72.5 108.7
268 77.3 73.8 110.6

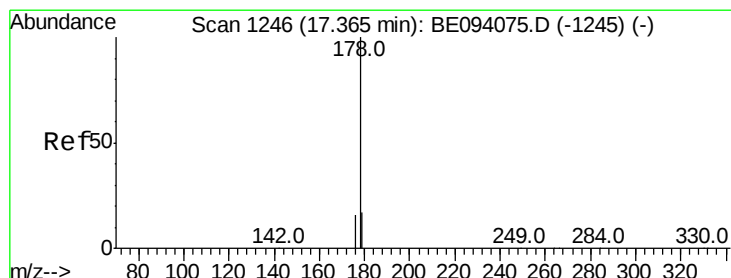
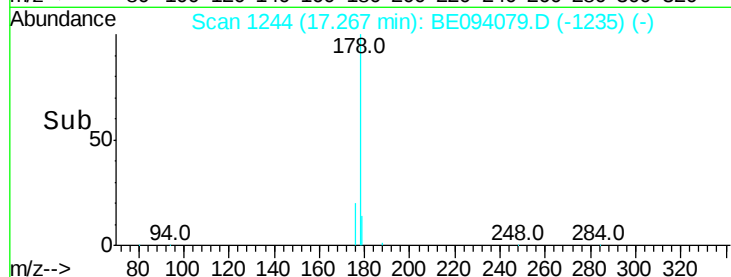
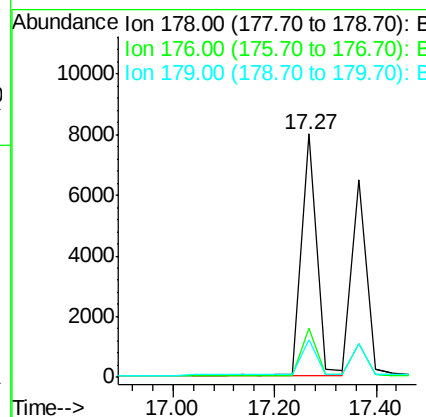
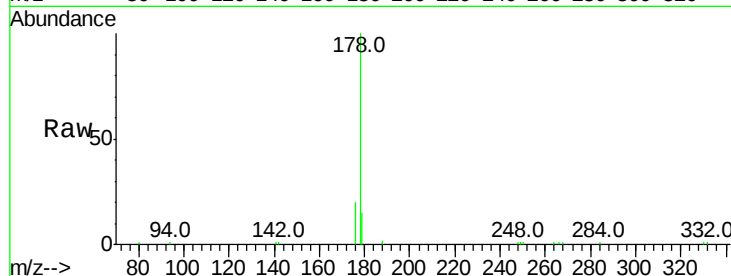




#23
Phenanthrene
Concen: 0.379 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

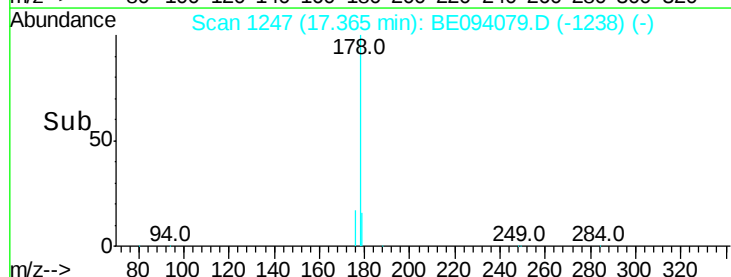
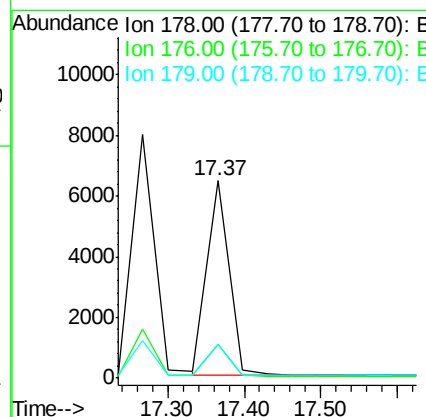
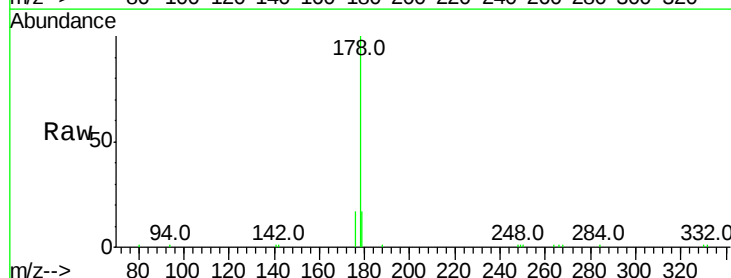
Instrument :
BNA_E
ClientSampled :

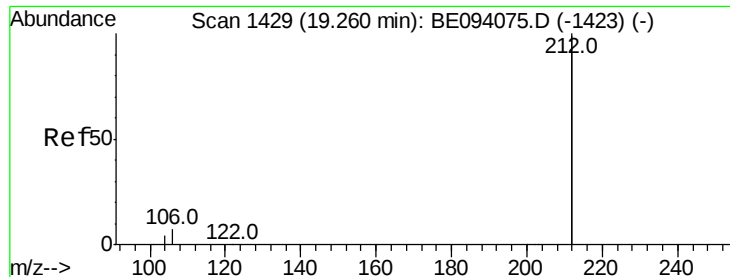
Tot Ion:178 Resp: 16303
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 14.5 11.8 17.6



#24
Anthracene
Concen: 0.392 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094079.D
Acq: 23 Sep 2017 15:45

Tgt Ion:178 Resp: 12999
Ion Ratio Lower Upper
178 100
176 16.7 12.8 19.2
179 16.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.26 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampleId :

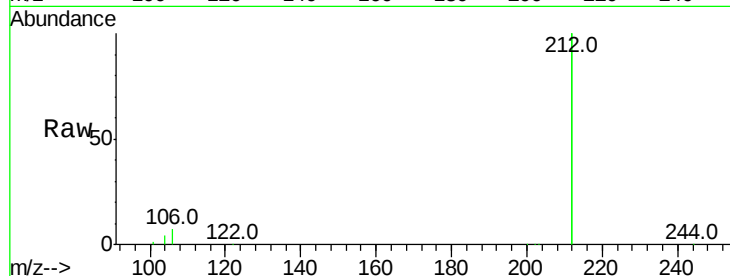
Tot Ion:212 Resp: 58502

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

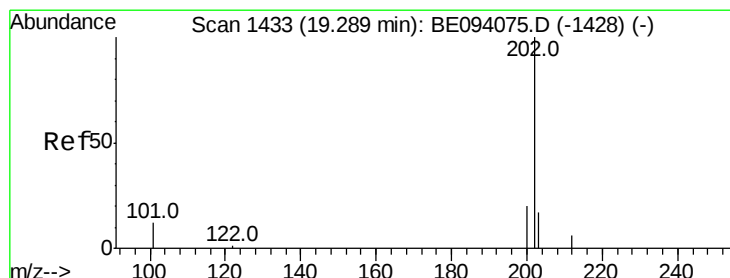
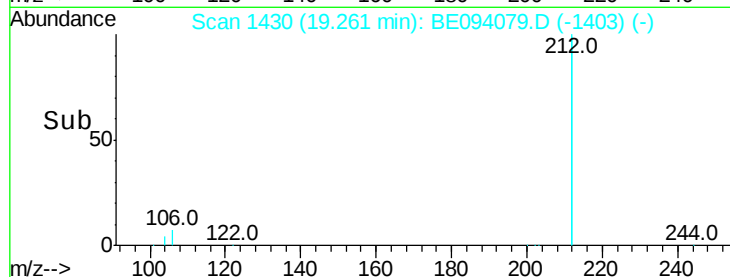
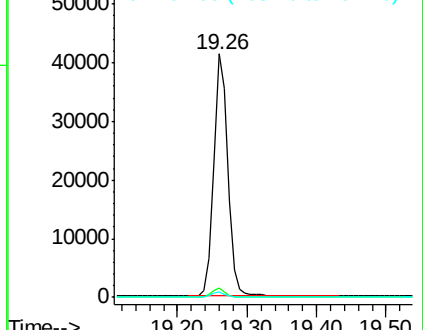
104 2.0 1.6 2.4



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: 0.379 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

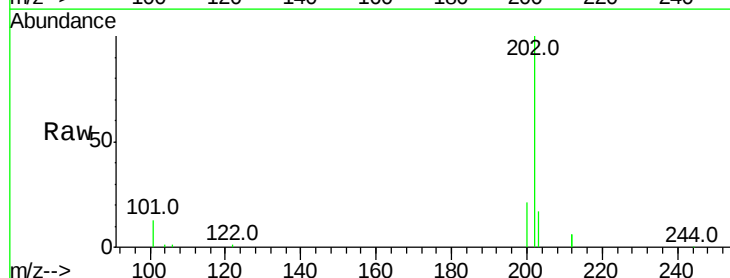
Tgt Ion:202 Resp: 17502

Ion Ratio Lower Upper

202 100

101 12.6 9.8 14.8

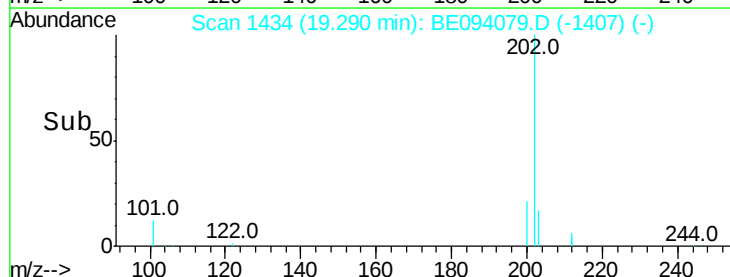
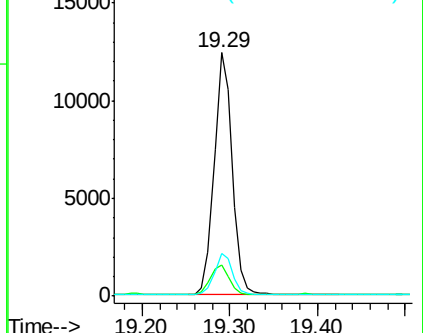
203 17.1 13.7 20.5

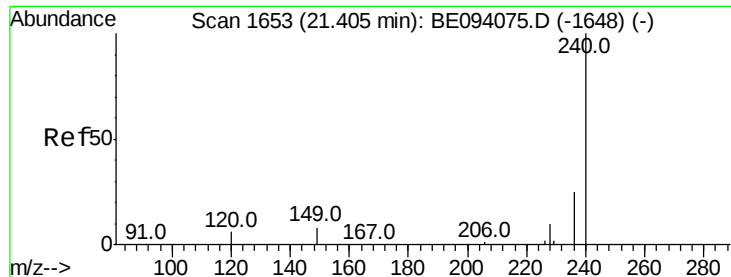


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

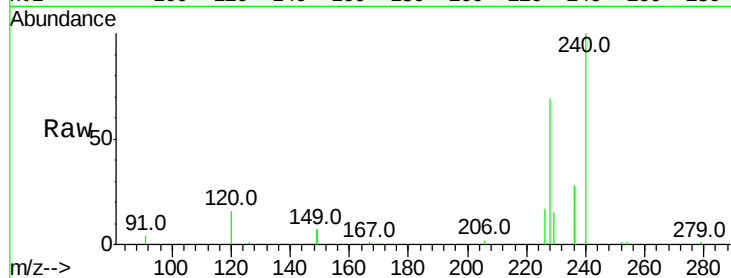




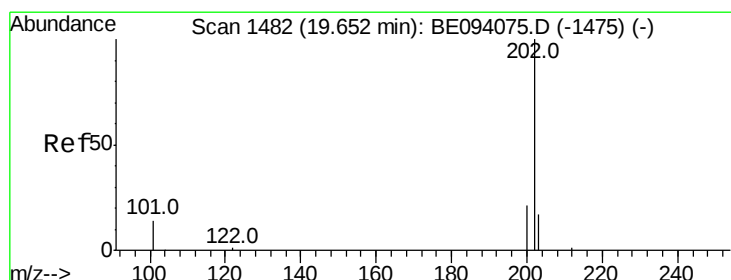
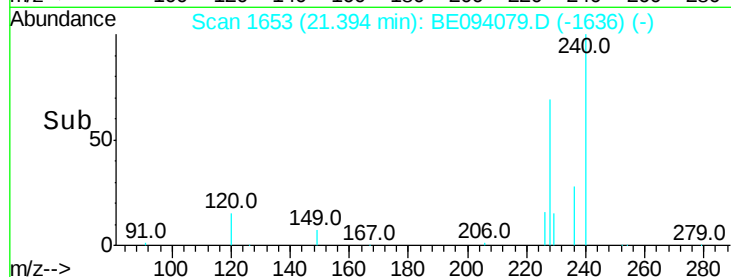
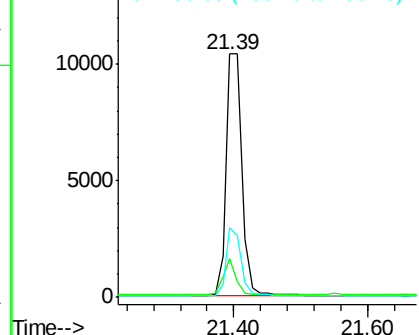
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BE094079.D
 Acq: 23 Sep 2017 15:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 17214
 Ion Ratio Lower Upper
 240 100
 120 15.8 5.5 8.3#
 236 28.4 20.7 31.1

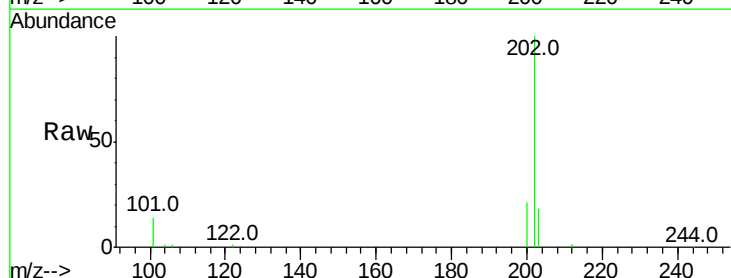


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

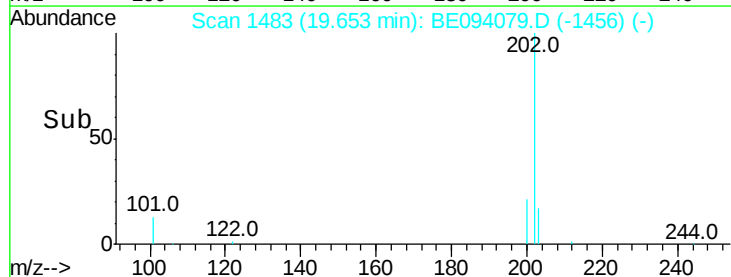
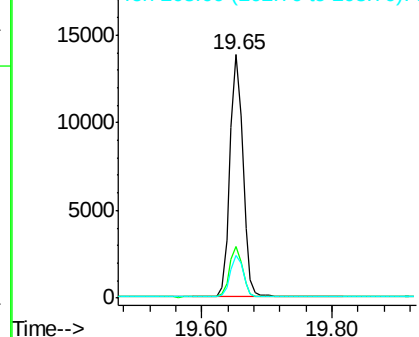


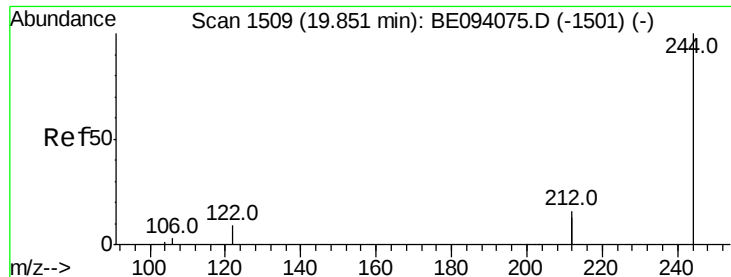
#28
 Pyrene
 Concen: 0.406 ng
 RT: 19.65 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE094079.D
 Acq: 23 Sep 2017 15:45

Tgt Ion:202 Resp: 19326
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 17.3 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: 0.407 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampled :

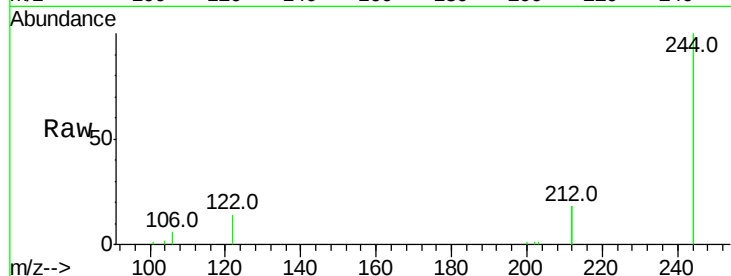
Tot Ion:244 Resp: 10986

Ion Ratio Lower Upper

244 100

212 35.6 25.4 38.0

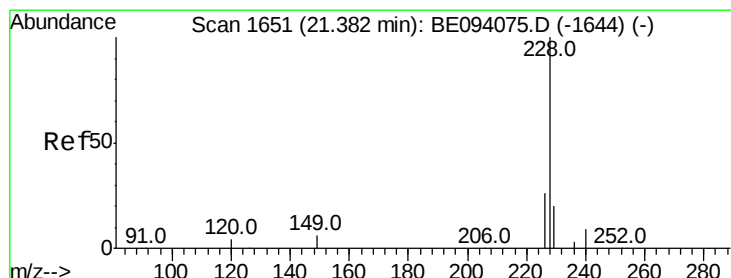
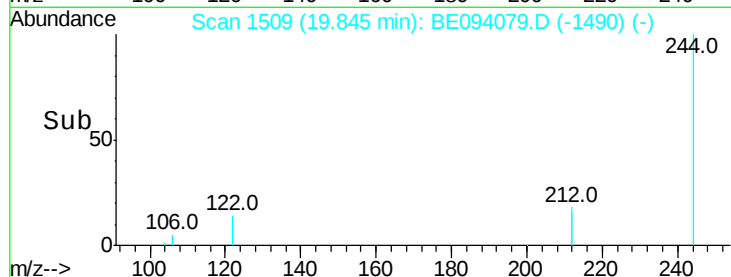
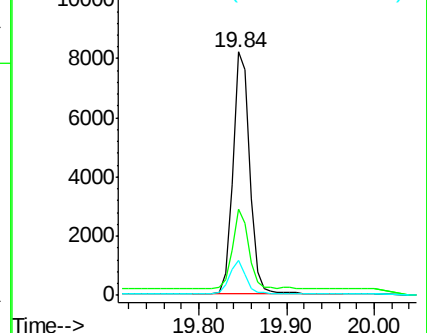
122 14.4 8.1 12.1#



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: 0.401 ng

RT: 21.38 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

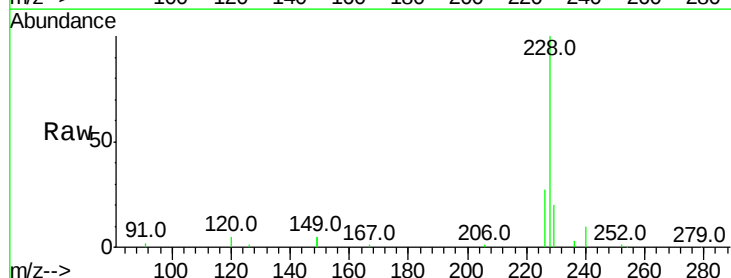
Tgt Ion:228 Resp: 23118

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.0

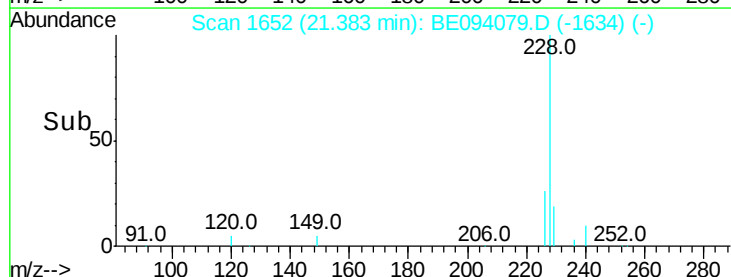
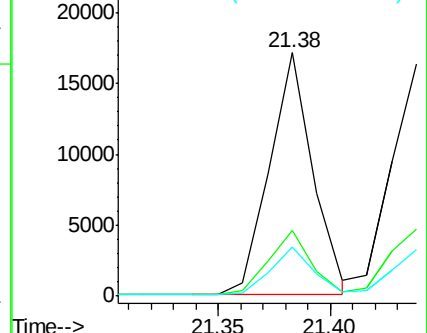
229 20.0 16.4 24.6

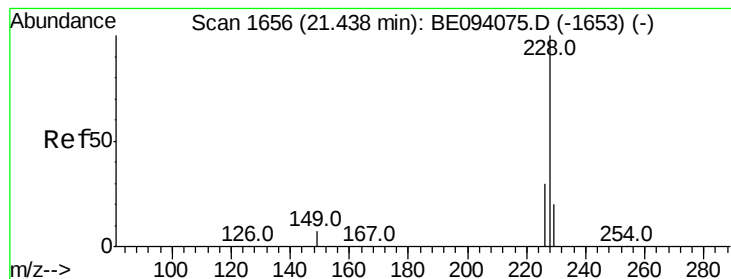


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

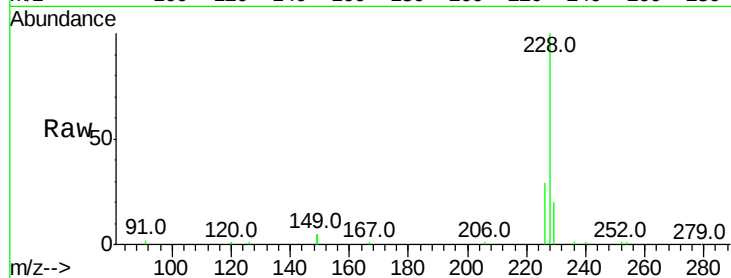
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 23226

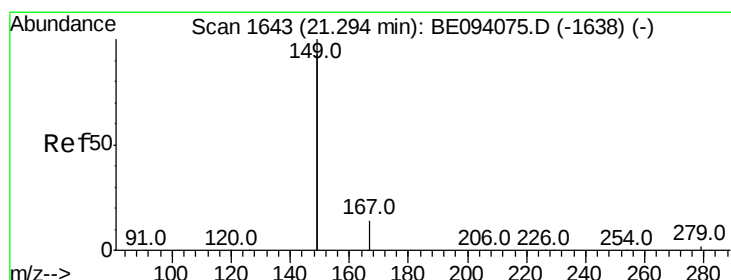
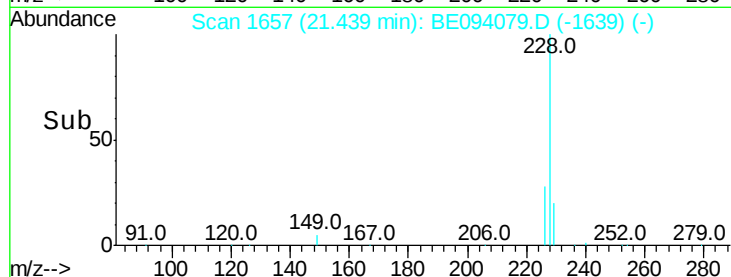
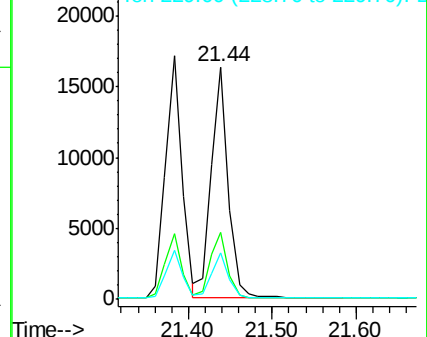
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	20.3	16.4	24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 21.29 min Scan# 1644

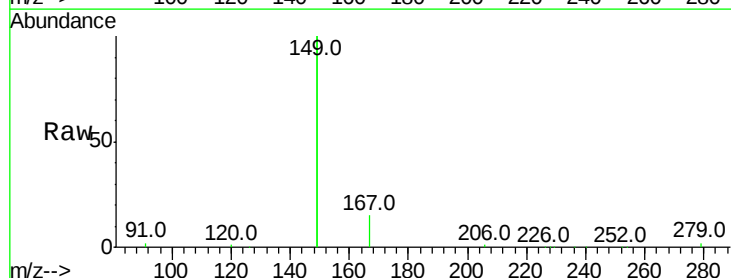
Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Tgt Ion:149 Resp: 58125

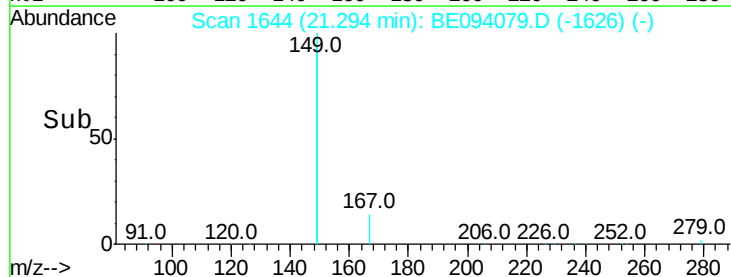
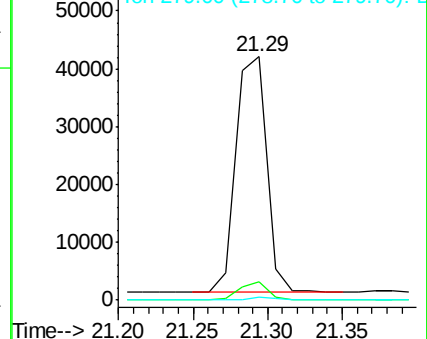
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

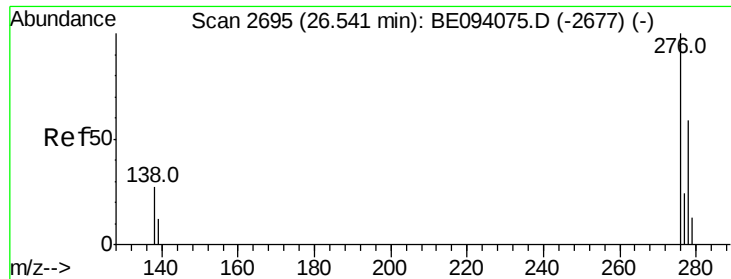


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

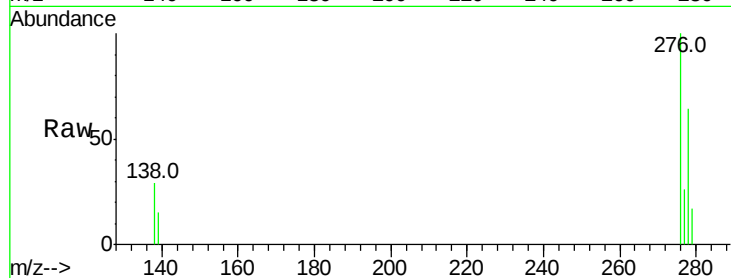




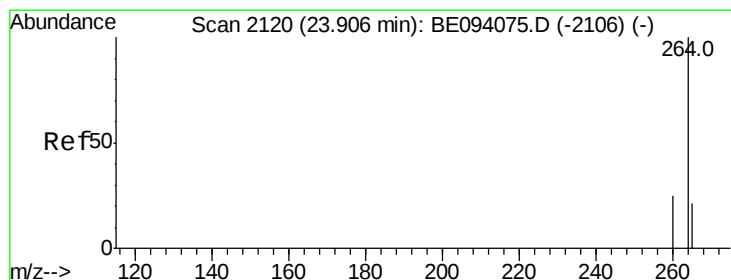
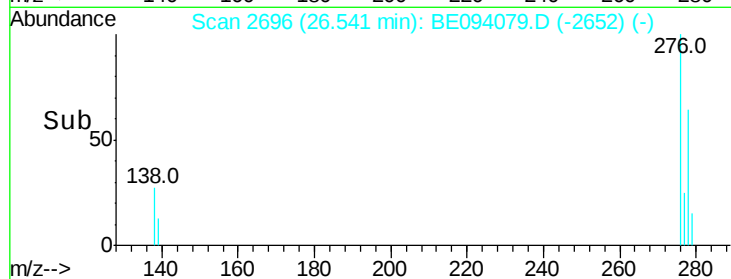
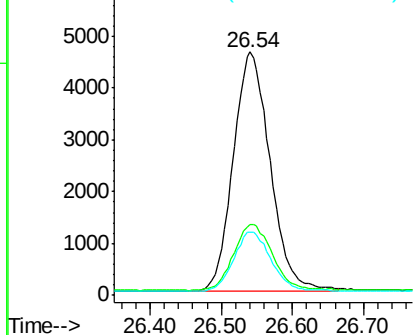
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.383 ng
 RT: 26.54 min Scan# 2696
 Delta R.T. 0.00 min
 Lab File: BE094079.D
 Acq: 23 Sep 2017 15:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 16712
 Ion Ratio Lower Upper
 276 100
 138 28.8 22.5 33.7
 277 25.5 19.9 29.9

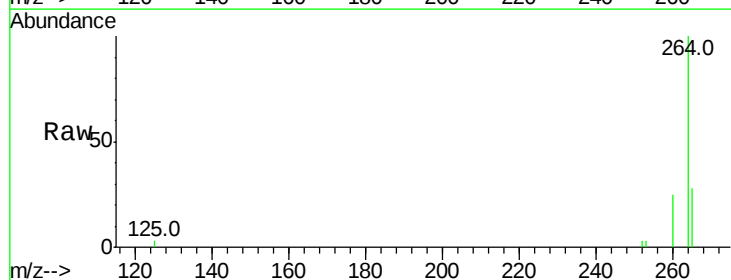


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

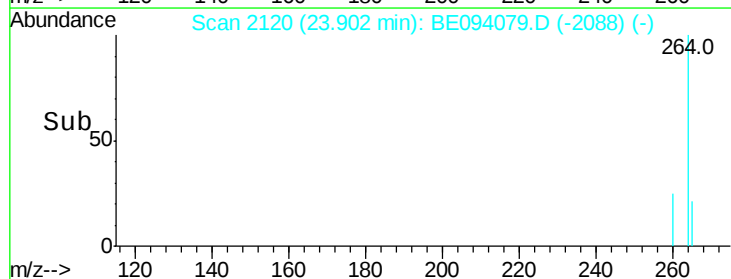
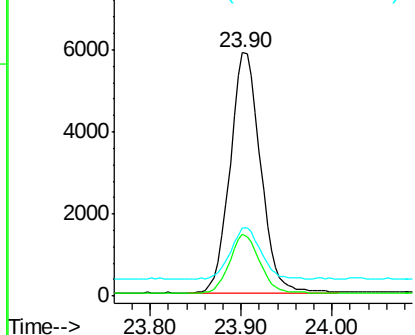


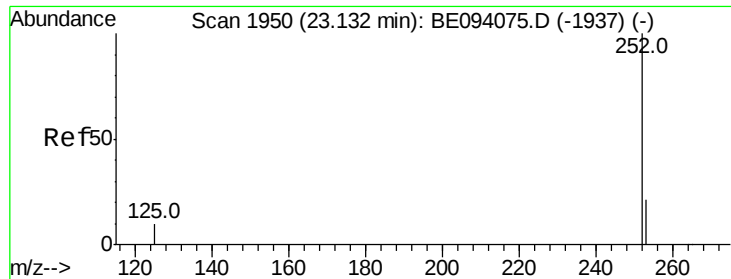
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BE094079.D
 Acq: 23 Sep 2017 15:45

Tgt Ion:264 Resp: 13593
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 28.1 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: 0.415 ng

RT: 23.13 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampleId :

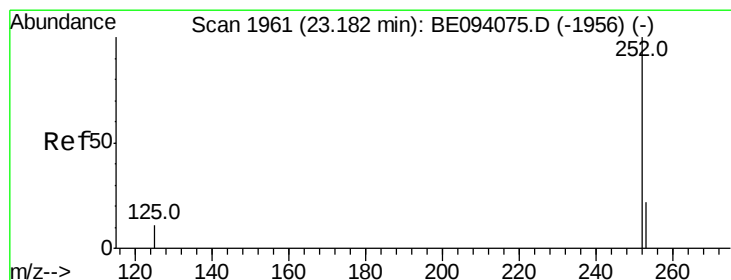
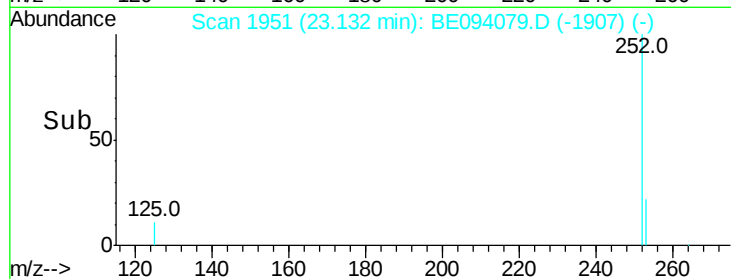
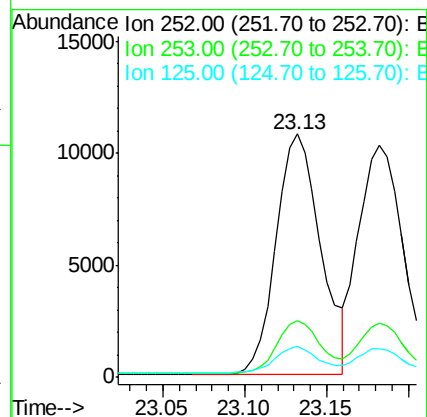
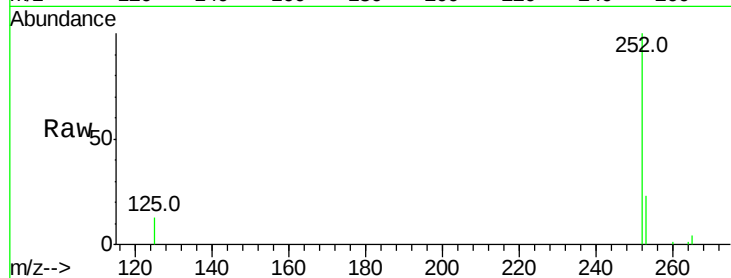
Tot Ion:252 Resp: 20398

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

125 12.6 10.1 15.1



#36

Benzo(k)fluoranthene

Concen: 0.398 ng

RT: 23.18 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

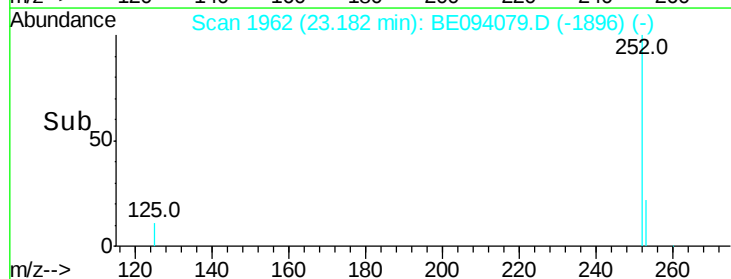
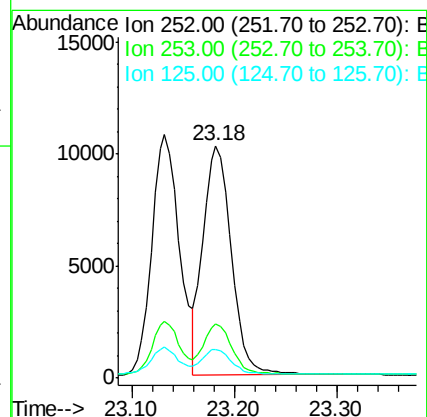
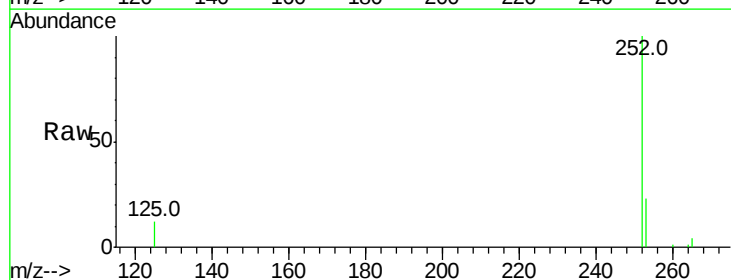
Tgt Ion:252 Resp: 19655

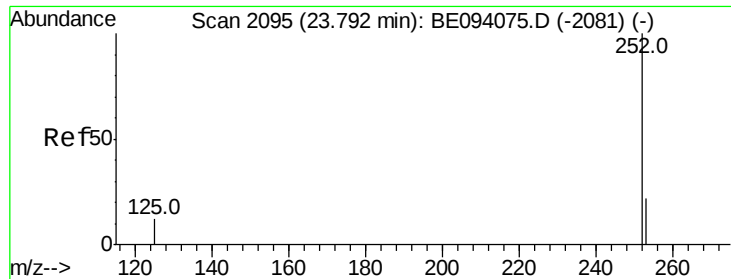
Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

125 12.5 10.7 16.1





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.79 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampleId :

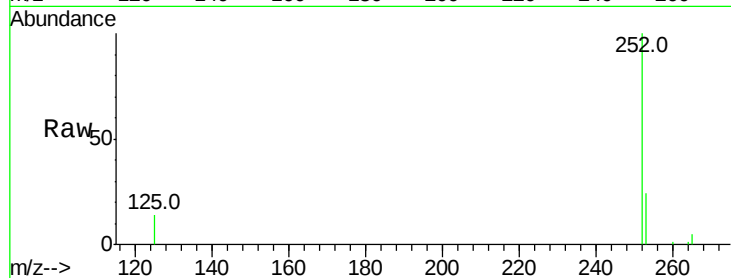
Tot Ion:252 Resp: 17694

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.6

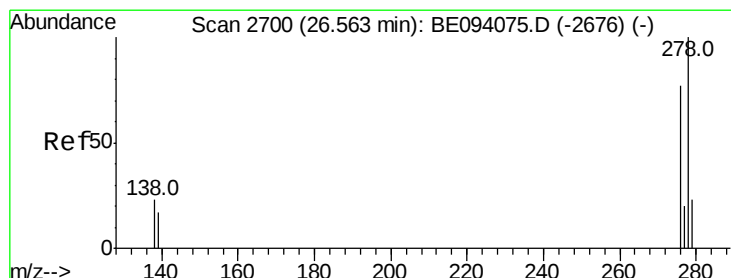
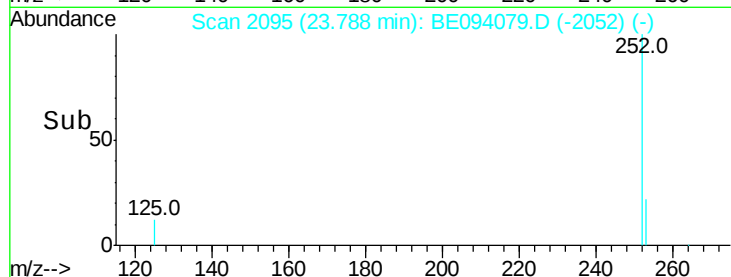
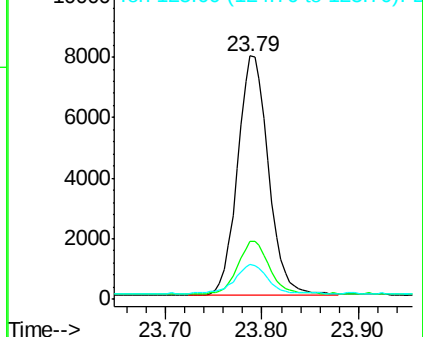
125 14.3 11.8 17.8



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: 0.407 ng

RT: 26.56 min Scan# 2700

Delta R.T. -0.00 min

Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

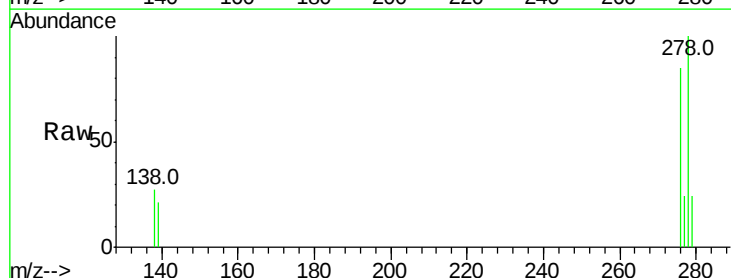
Tgt Ion:278 Resp: 14407

Ion Ratio Lower Upper

278 100

139 20.6 16.3 24.5

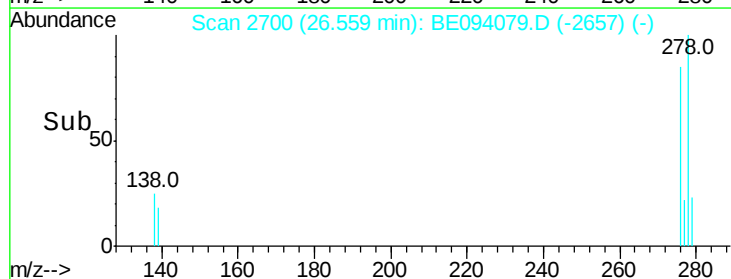
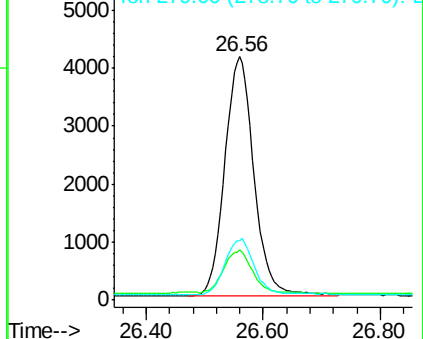
279 24.4 19.9 29.9

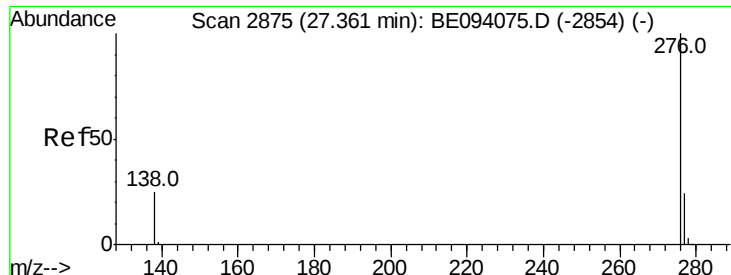


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.409 ng

RT: 27.36 min Scan# 2876

Delta R.T. 0.00 min

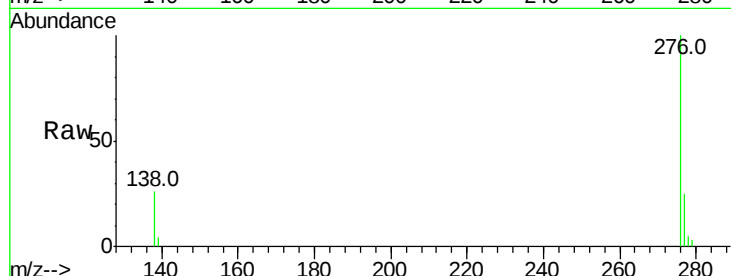
Lab File: BE094079.D

Acq: 23 Sep 2017 15:45

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 14470

Ion Ratio Lower Upper

276 100

277 24.8 20.8 31.2

138 26.3 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

