

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
 Data File : BE094430.D
 Acq On : 17 Oct 2017 14:28
 Operator : SJ/JU
 Sample : PB102812BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102812BSD

Quant Time: Oct 17 20:17:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\Methods\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1253	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	6078	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	3831	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6910	0.40	ng	0.00
27) Chrysene-d12	21.43	240	10062	0.40	ng	0.00
34) Perylene-d12	23.96	264	9512	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1398	0.33	ng	0.01
5) Phenol-d6	7.12	99	2012	0.30	ng	0.00
8) Nitrobenzene-d5	8.96	82	129	0.02	ng	-0.12
11) 2-Methylnaphthalene-d10	12.29	152	3315	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	440	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4513	0.33	ng	0.00
25) Fluoranthene-d10	19.28	212	40646	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	6715	0.33	ng	0.00

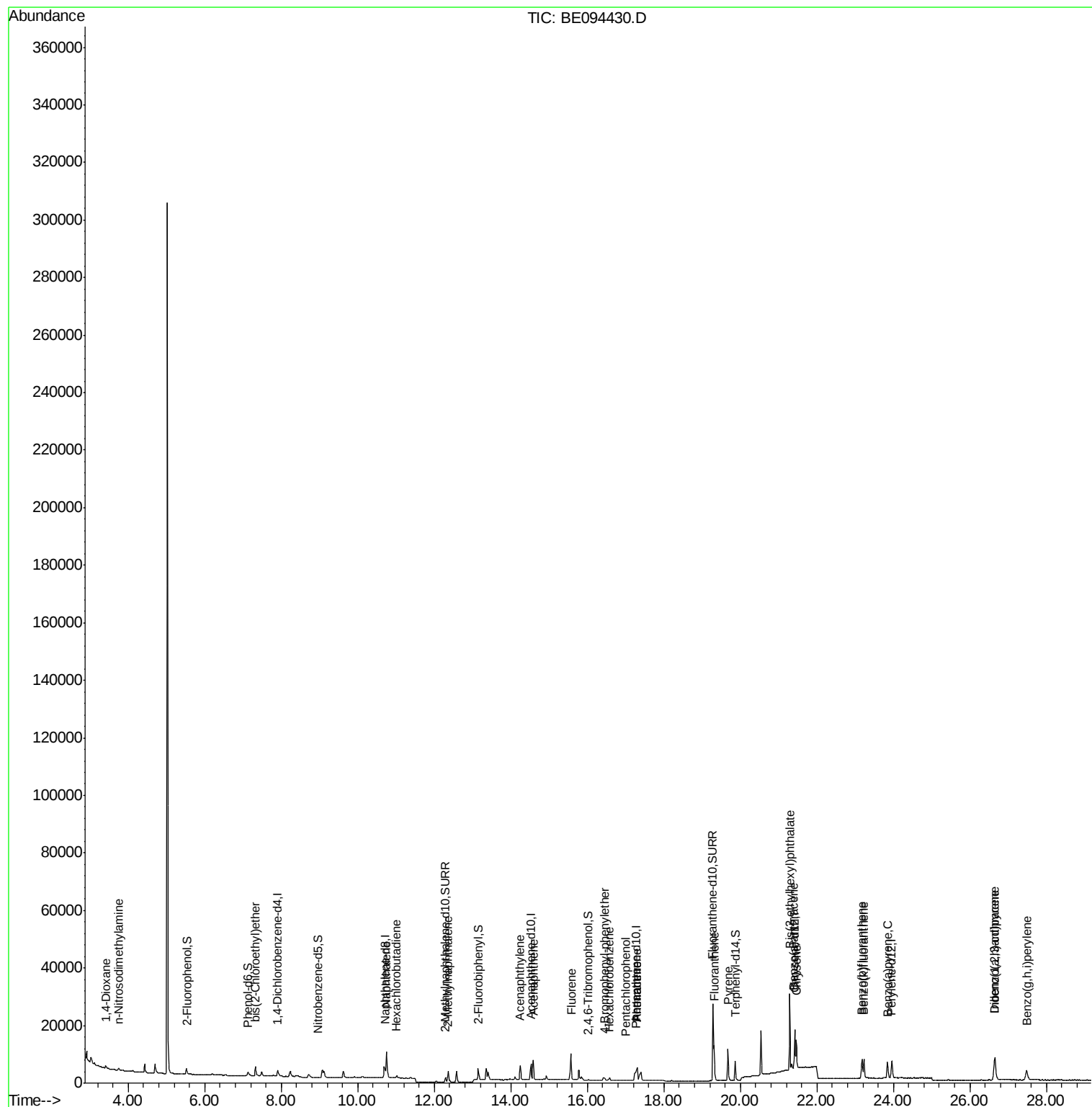
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	513	0.202	ng	# 6
3) n-Nitrosodimethylamine	3.74	42	635	0.292	ng	# 88
6) bis(2-Chloroethyl)ether	7.33	93	1314	0.269	ng	92
9) Naphthalene	10.74	128	20854	0.307	ng	99
10) Hexachlorobutadiene	11.01	225	773	0.285	ng	97
12) 2-Methylnaphthalene	12.36	142	3720	0.332	ng	100
16) Acenaphthylene	14.24	152	6219	0.299	ng	100
17) Acenaphthene	14.58	154	3915	0.299	ng	98
18) Fluorene	15.58	166	5200	0.308	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1054	0.305	ng	# 49
21) Hexachlorobenzene	16.58	284	1813	0.276	ng	# 57
22) Pentachlorophenol	17.01	266	254	0.505	ng	91
23) Phenanthrene	17.30	178	9790	0.360	ng	# 90
24) Anthracene	17.30	178	9743	0.464	ng	# 87
26) Fluoranthene	19.31	202	10846	0.321	ng	99
28) Pyrene	19.67	202	11160	0.294	ng	99
30) Benzo(a)anthracene	21.41	228	10789	0.310	ng	# 65
31) Chrysene	21.46	228	10206	0.305	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.29	149	29406	0.293	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	10687	0.317	ng	100
35) Benzo(b)fluoranthene	23.18	252	10226	0.317	ng	# 46
36) Benzo(k)fluoranthene	23.23	252	9983	0.314	ng	# 45
37) Benzo(a)pyrene	23.85	252	9700	0.320	ng	# 40
38) Dibenzo(a,h)anthracene	26.65	278	8985	0.313	ng	# 51
39) Benzo(g,h,i)perylene	27.48	276	8769	0.318	ng	# 59

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

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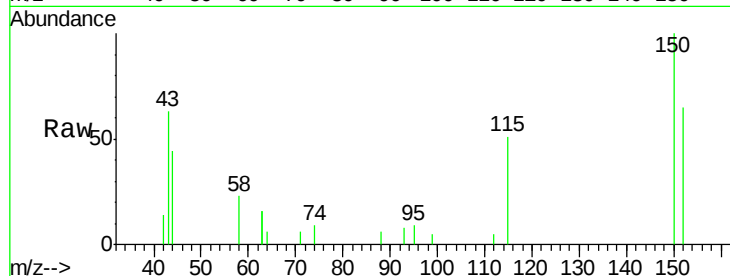


#1

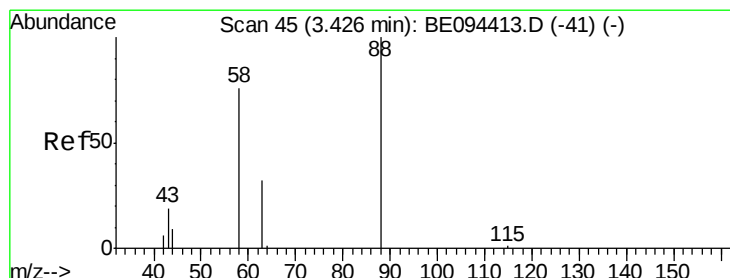
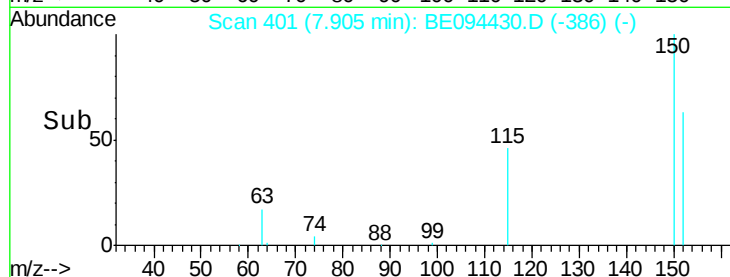
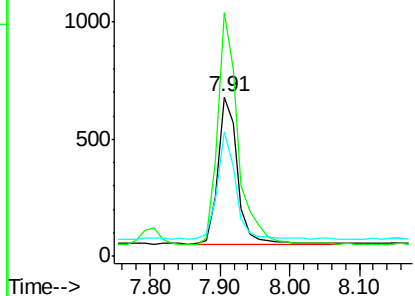
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.01 min
Lab File: BE094430.D
Acq: 17 Oct 2017 14:28

Instrument :
BNA_E
ClientSampleId :
PB102812BSD

Tgt Ion:152 Resp: 1253
Ion Ratio Lower Upper
152 100
150 152.7 117.2 175.8
115 77.8 57.0 85.6



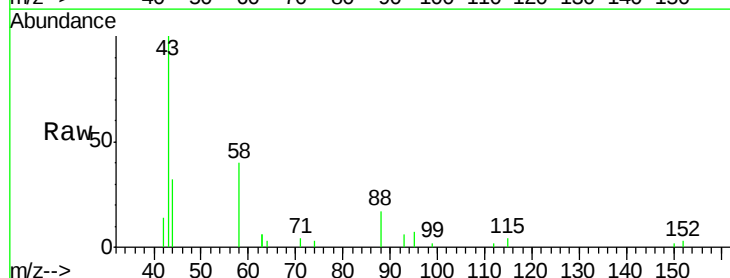
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



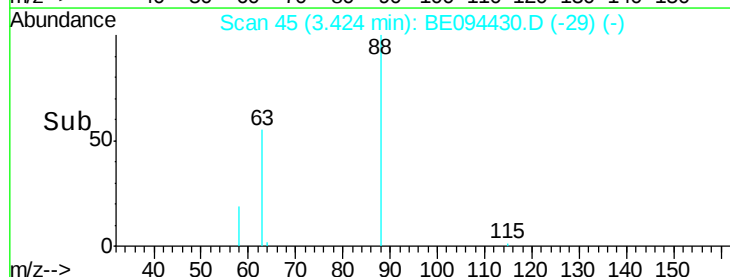
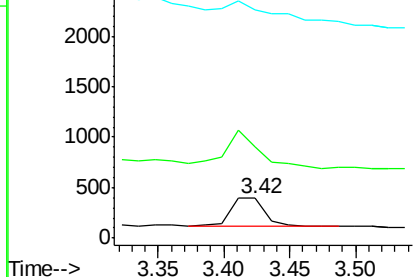
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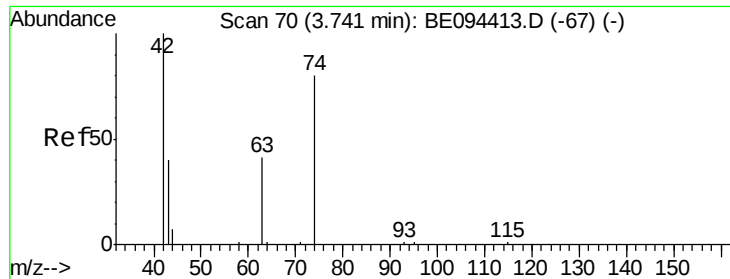
1,4-Dioxane
Concen: 0.202 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094430.D
Acq: 17 Oct 2017 14:28

Tgt Ion: 88 Resp: 513
Ion Ratio Lower Upper
88 100
58 172.5 63.2 94.8#
43 0.0 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



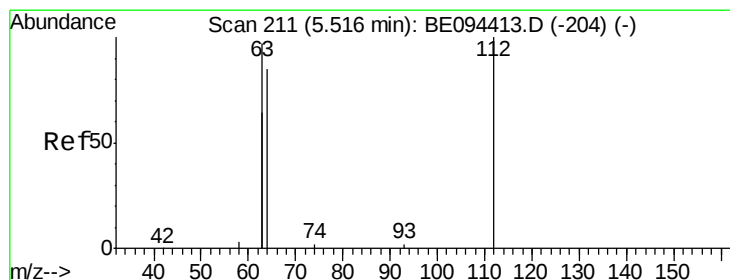
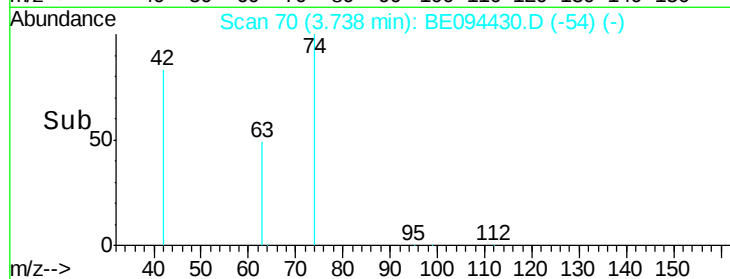
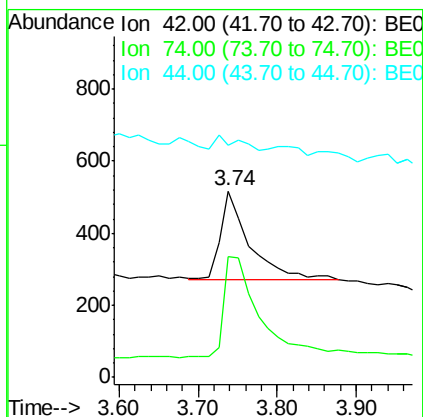
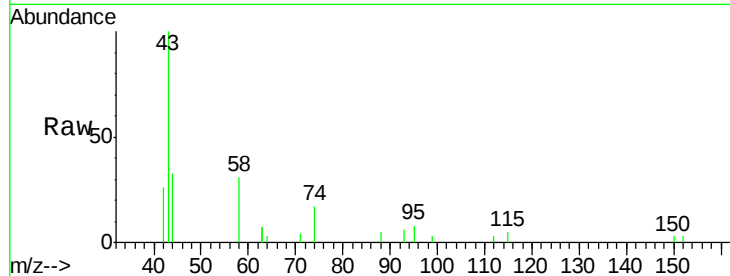


#3

n-Nitrosodimethylamine
 Concen: 0.292 ng
 RT: 3.74 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

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 PB102812BSD

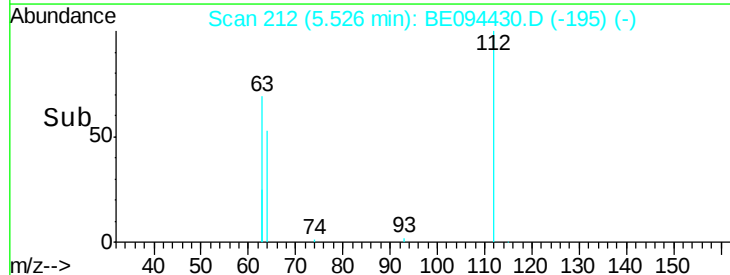
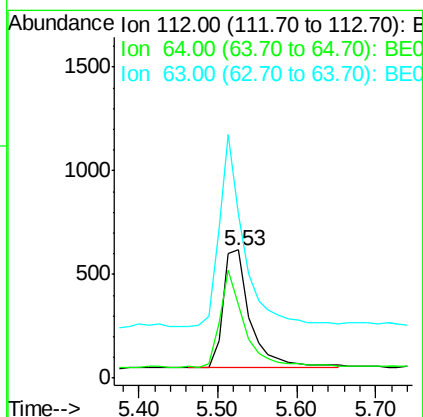
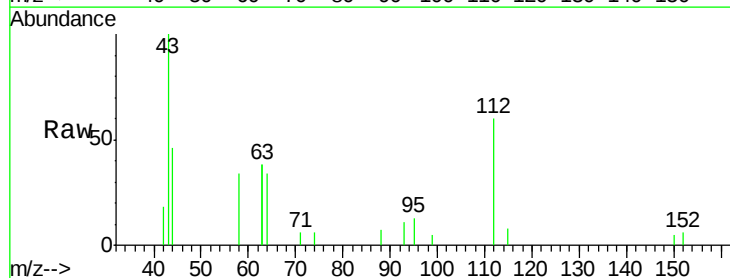
Tgt Ion: 42 Resp: 635
 Ion Ratio Lower Upper
 42 100
 74 137.2 100.3 150.5
 44 10.4 17.0 25.4#

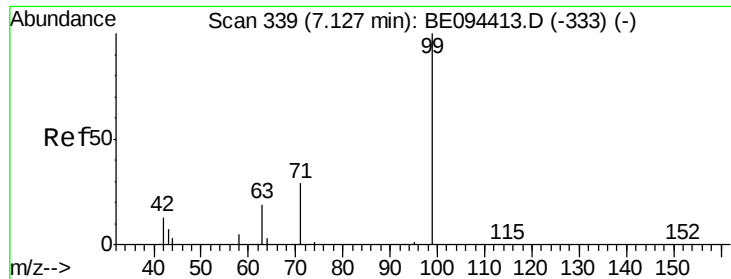


#4

2-Fluorophenol
 Concen: 0.330 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

Tgt Ion: 112 Resp: 1398
 Ion Ratio Lower Upper
 112 100
 64 72.8 60.1 90.1
 63 142.4 116.8 175.2





#5

Phenol-d6

Concen: 0.305 ng

RT: 7.12 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

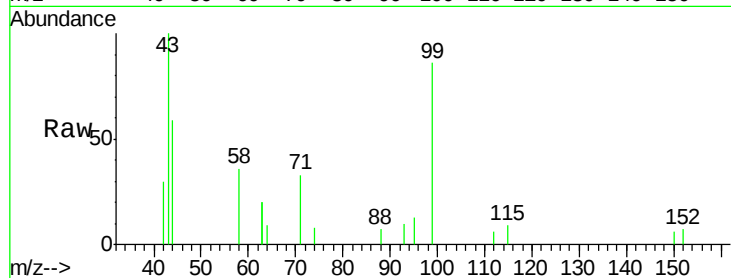
Tgt Ion: 99 Resp: 2012

Ion Ratio Lower Upper

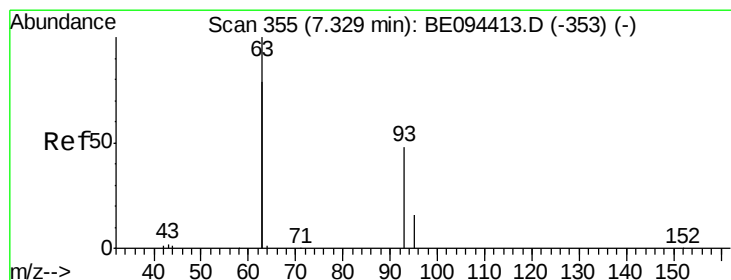
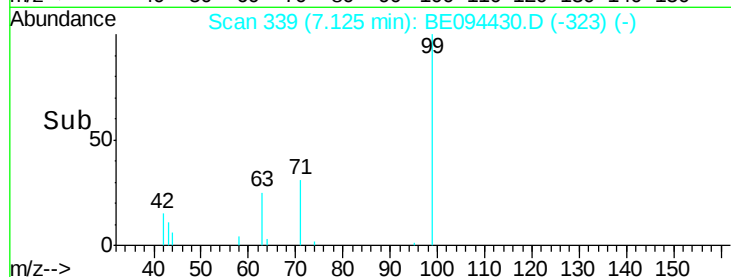
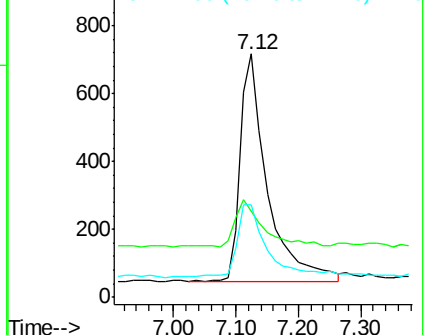
99 100

42 23.0 20.2 30.2

71 35.9 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: 0.269 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

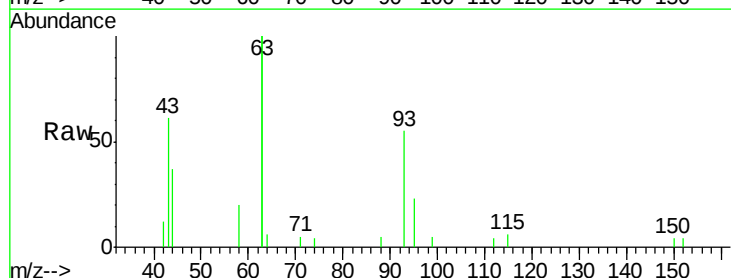
Tgt Ion: 93 Resp: 1314

Ion Ratio Lower Upper

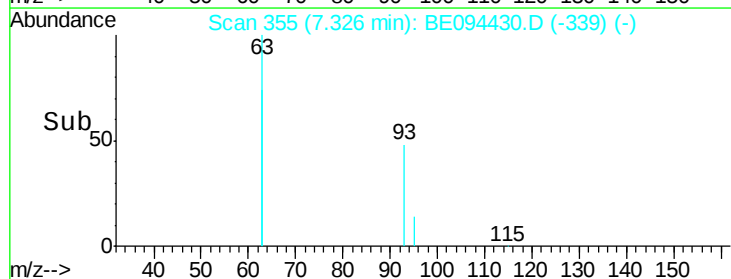
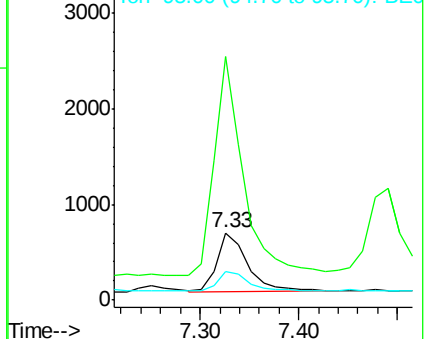
93 100

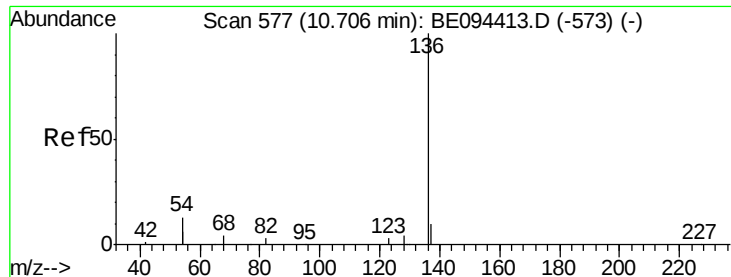
63 361.9 275.3 412.9

95 36.1 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: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

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PB102812BSD

Tgt Ion: 136 Resp: 6078

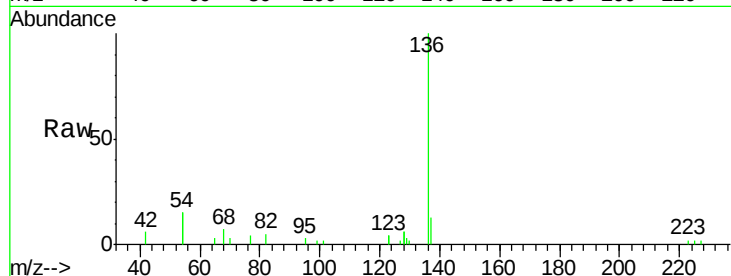
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 30.0 29.1 43.7

68 6.8 6.2 9.2

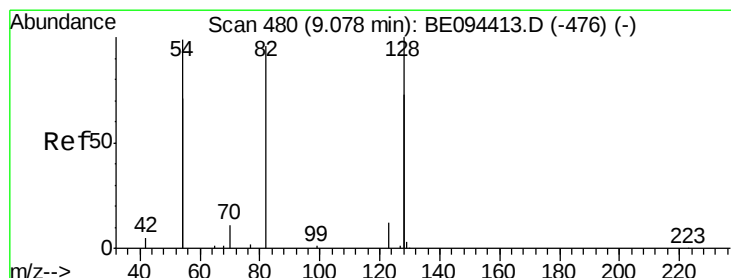
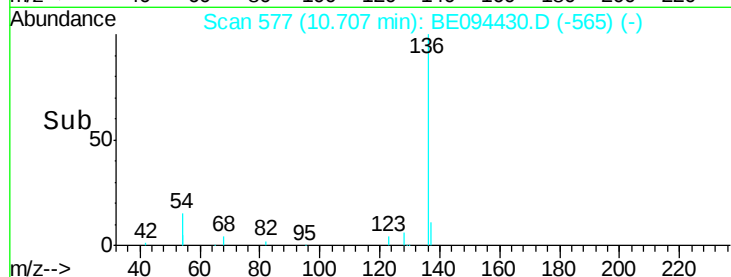
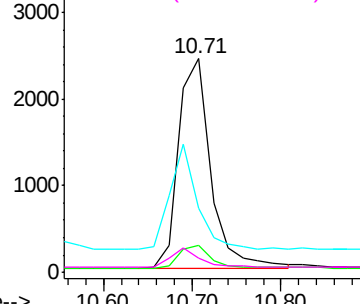


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.024 ng

RT: 8.96 min Scan# 473

Delta R.T. -0.12 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

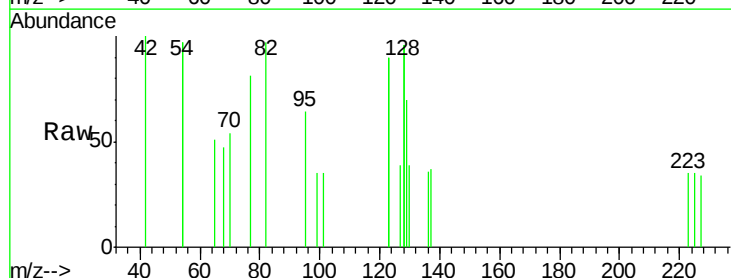
Tgt Ion: 82 Resp: 129

Ion Ratio Lower Upper

82 100

128 197.0 150.0 225.0

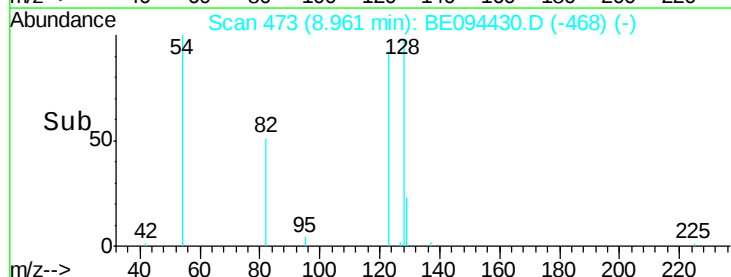
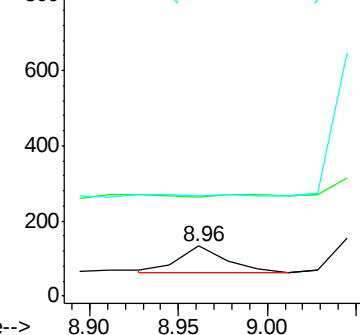
54 200.0 154.2 231.4

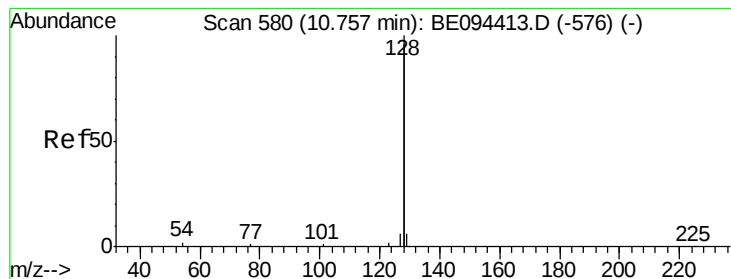


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.307 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094430.D

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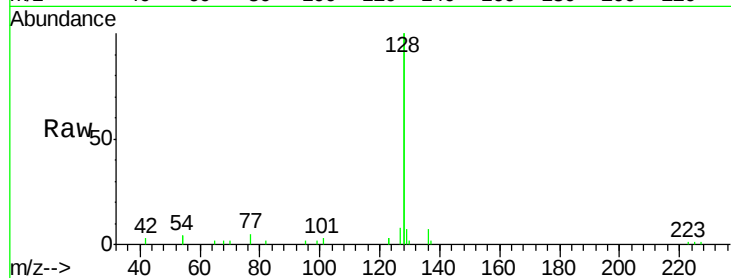
Tgt Ion:128 Resp: 20854

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

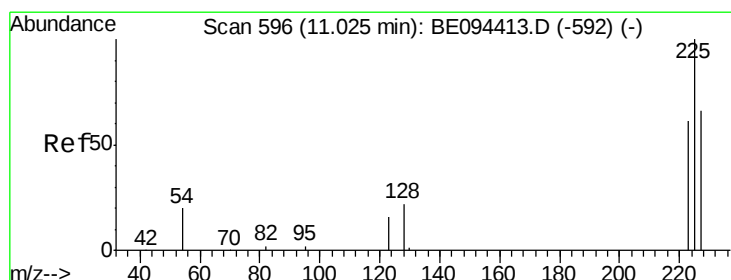
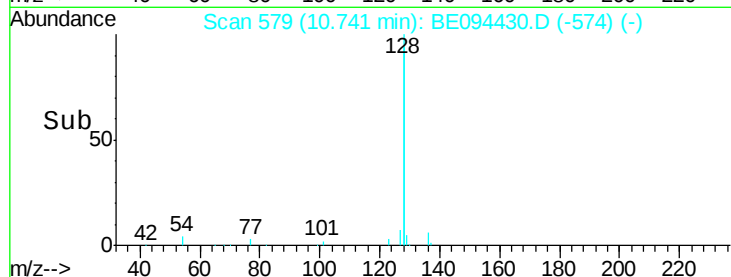
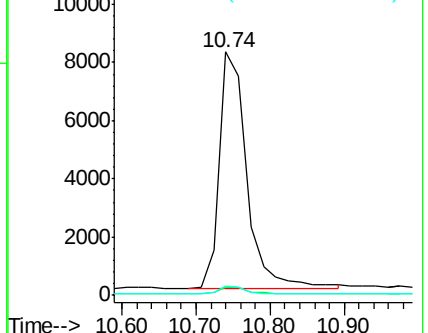
127 4.0 2.8 4.2



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: 0.285 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

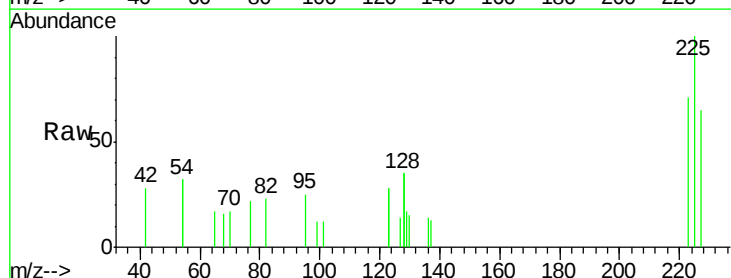
Tgt Ion:225 Resp: 773

Ion Ratio Lower Upper

225 100

223 64.6 53.0 79.6

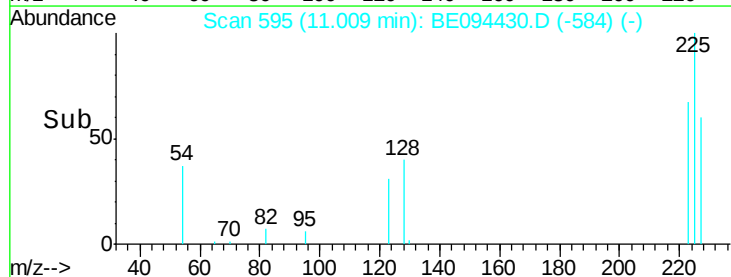
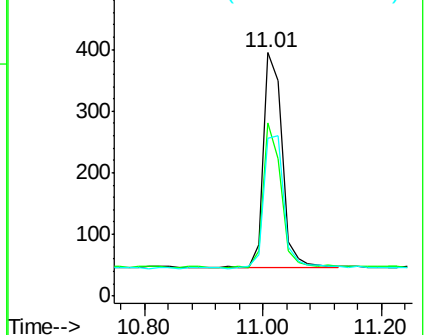
227 67.3 51.4 77.2



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: 0.354 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

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ClientSampleId :

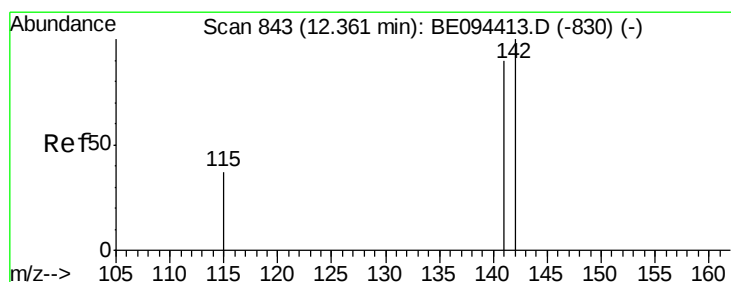
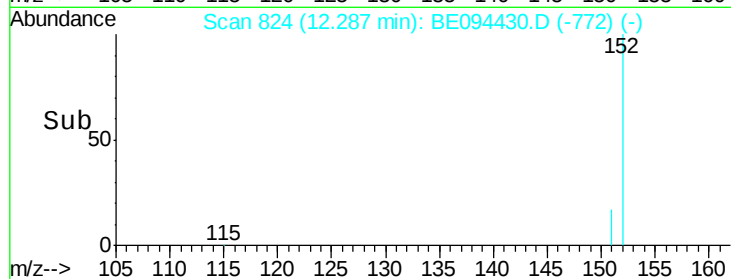
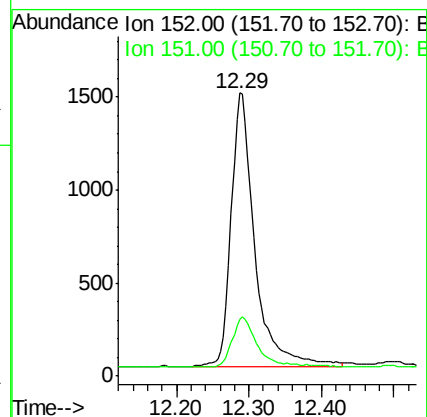
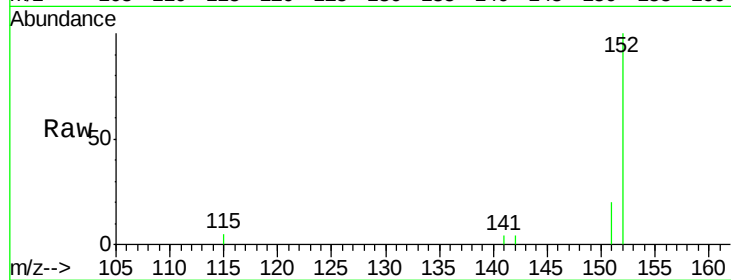
PB102812BSD

Tgt Ion:152 Resp: 3315

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.332 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

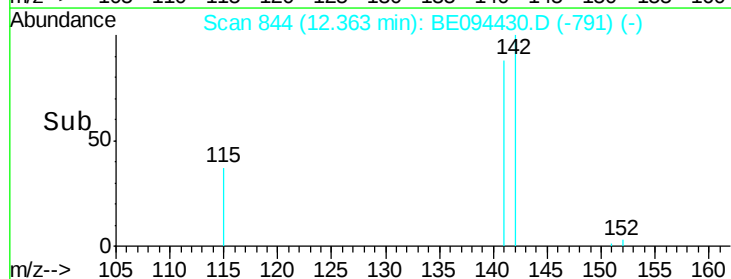
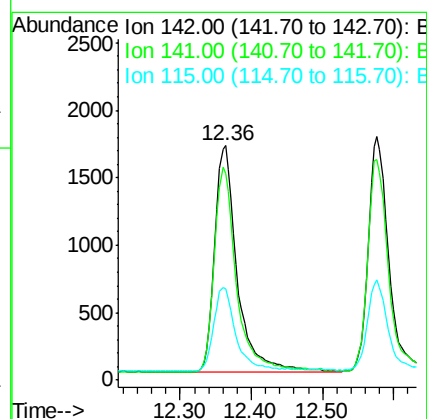
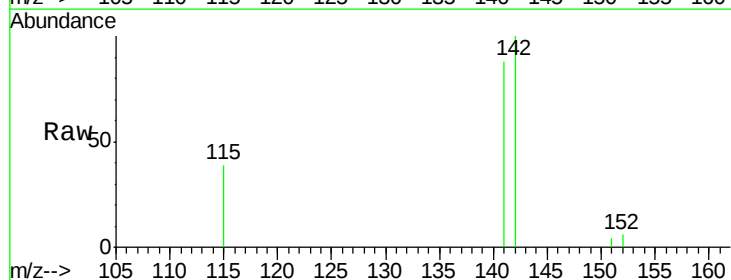
Tgt Ion:142 Resp: 3720

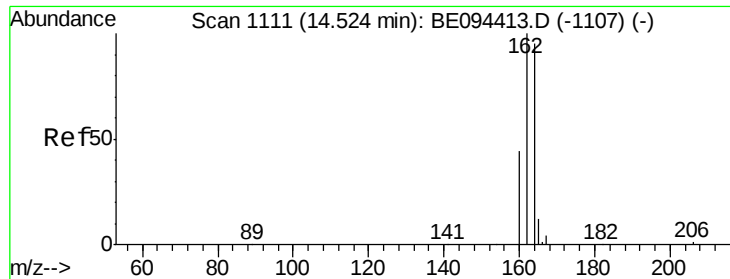
Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 38.8 31.7 47.5

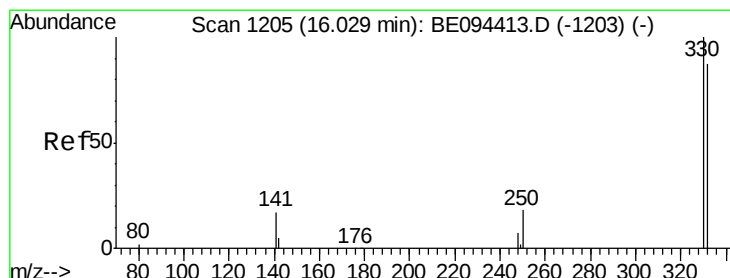
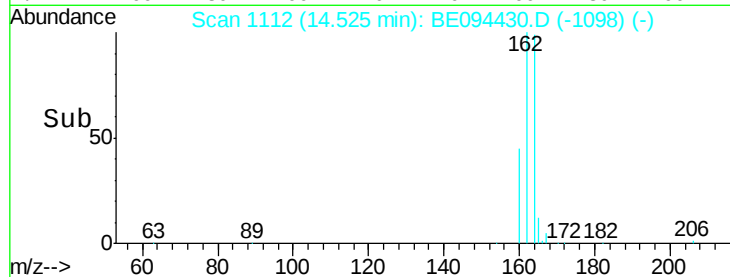
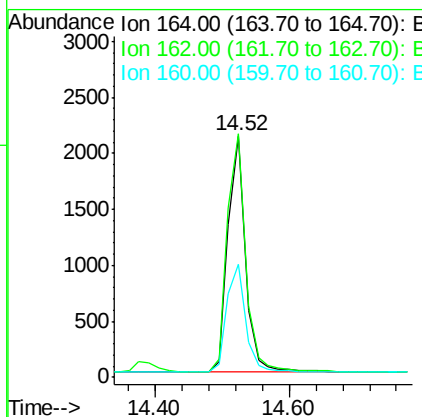
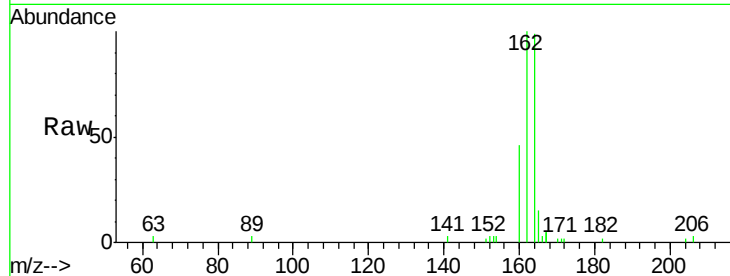




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

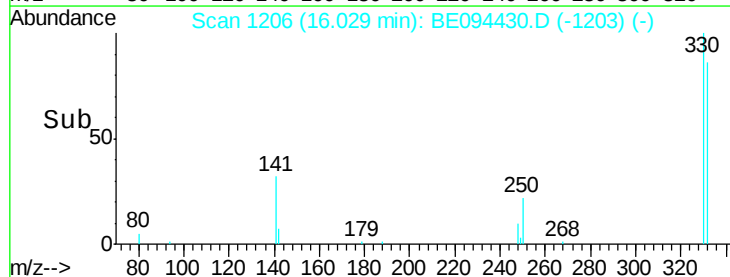
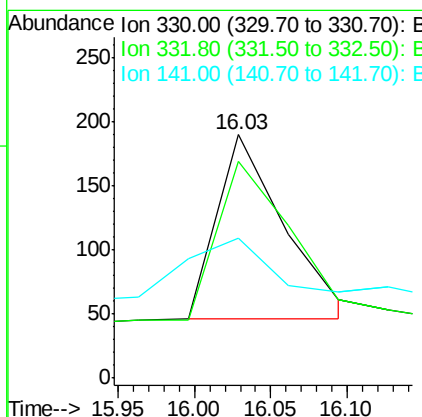
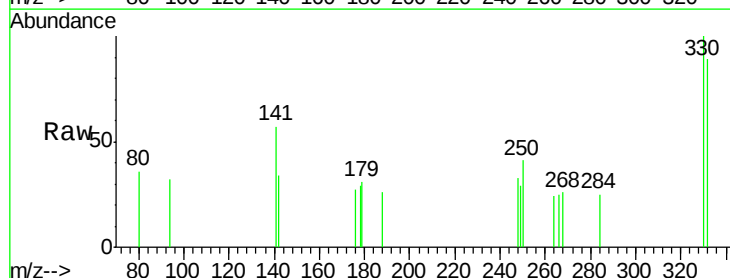
Instrument :
 BNA_E
 ClientSampleId :
 PB102812BSD

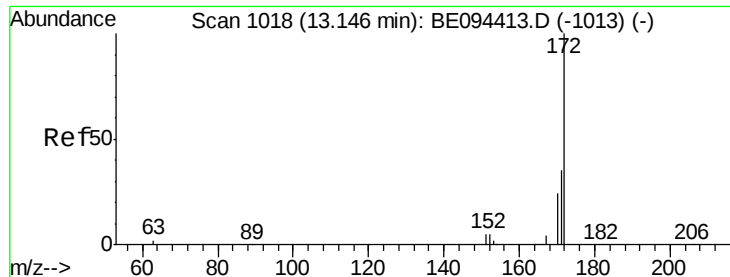
Tgt Ion:164 Resp: 3831
 Ion Ratio Lower Upper
 164 100
 162 100.8 83.1 124.7
 160 46.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.301 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

Tgt Ion:330 Resp: 440
 Ion Ratio Lower Upper
 330 100
 332 95.2 152.7 229.1#
 141 0.0 33.7 50.5#

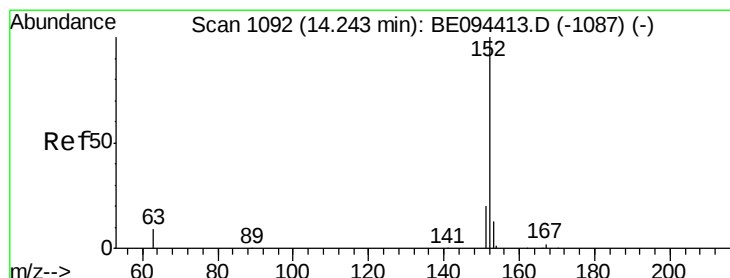
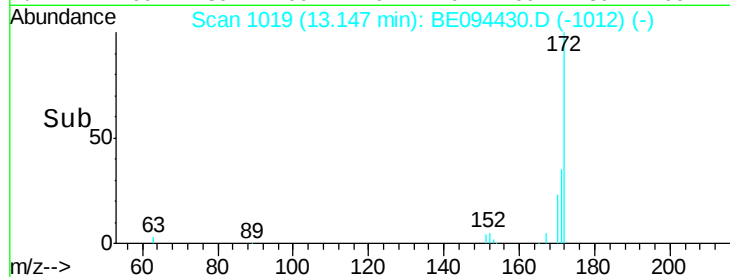
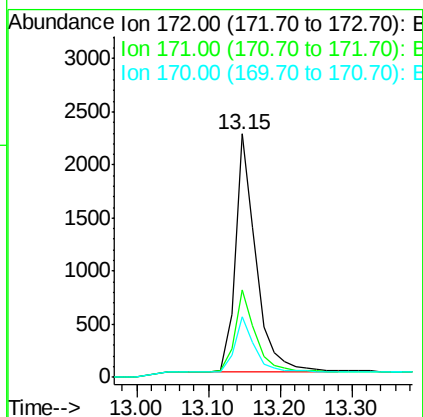
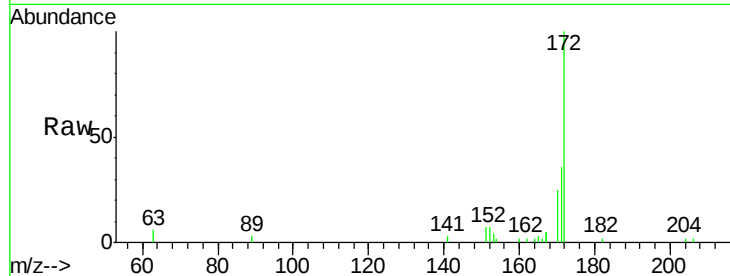




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094430.D
Acq: 17 Oct 2017 14:28

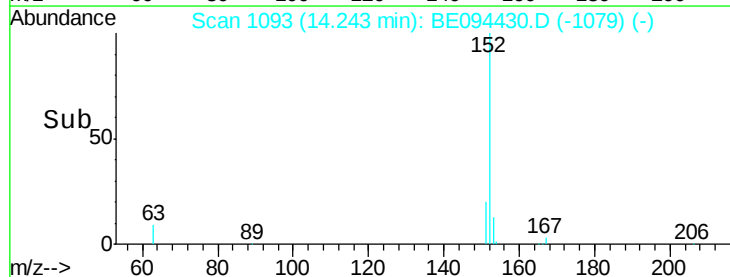
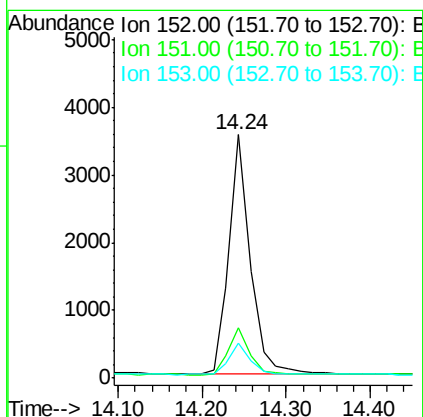
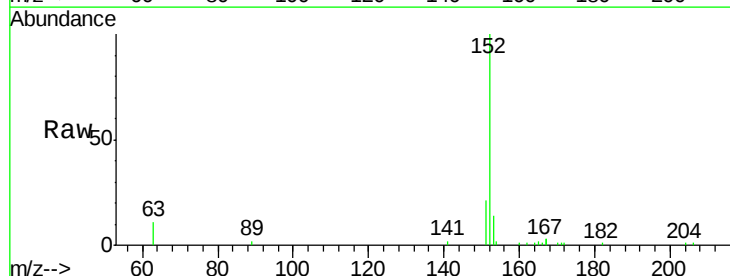
Instrument :
BNA_E
ClientSampleId :
PB102812BSD

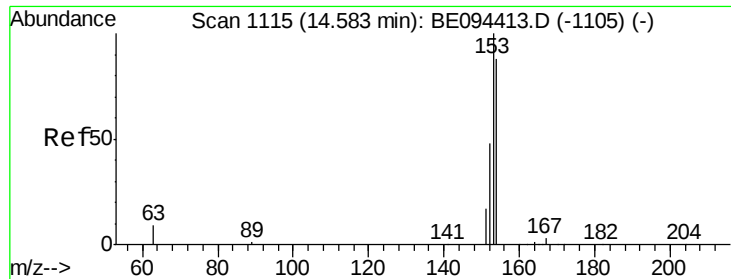
Tgt Ion:172 Resp: 4513
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.299 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094430.D
Acq: 17 Oct 2017 14:28

Tgt Ion:152 Resp: 6219
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.299 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

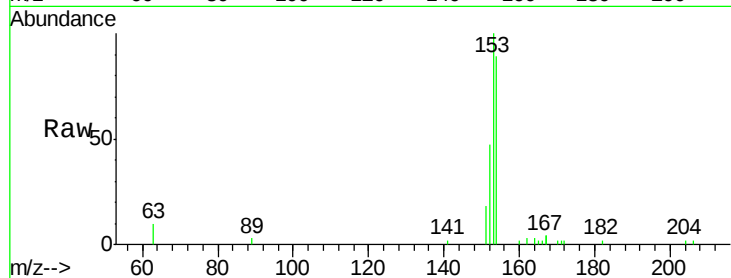
Tgt Ion:154 Resp: 3915

Ion Ratio Lower Upper

154 100

153 114.6 89.2 133.8

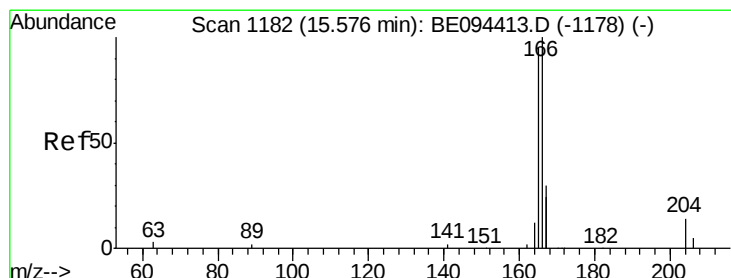
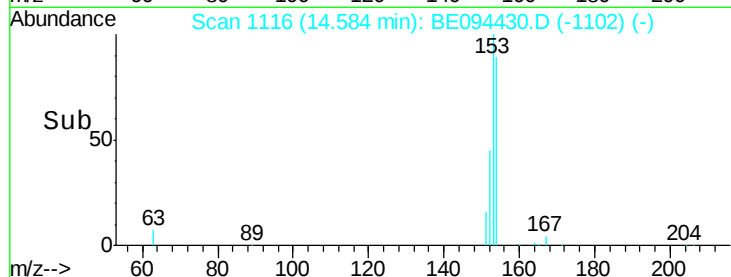
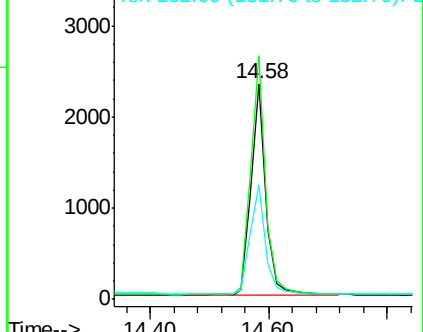
152 53.4 42.0 63.0



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: 0.308 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

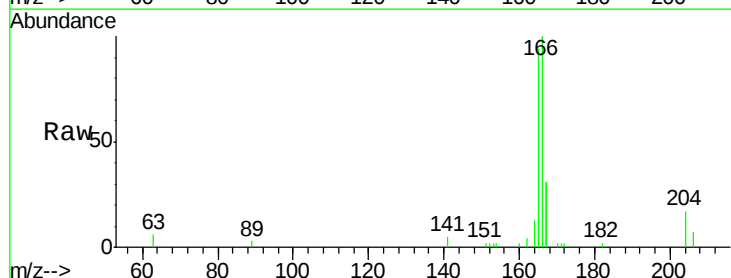
Tgt Ion:166 Resp: 5200

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.6

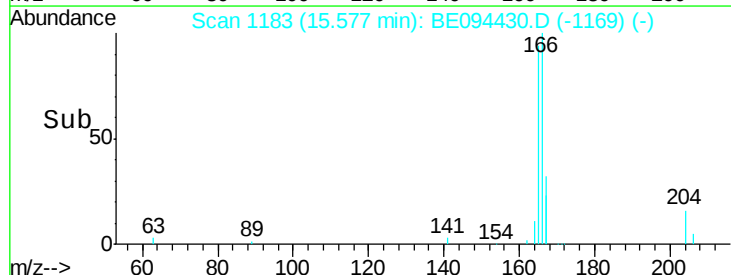
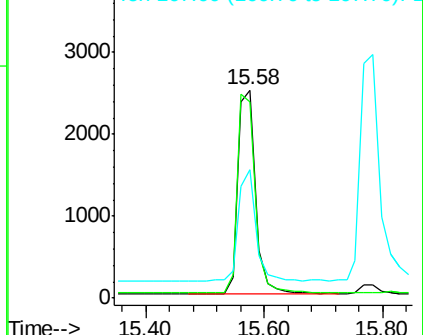
167 55.3 42.4 63.6

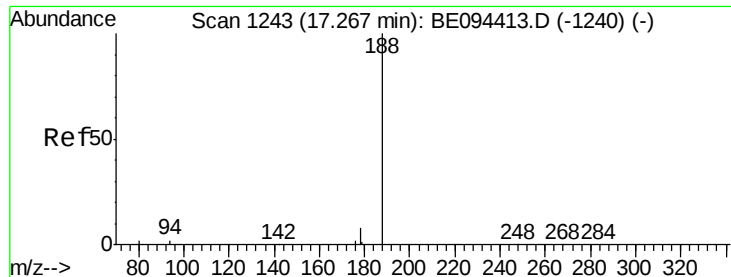


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

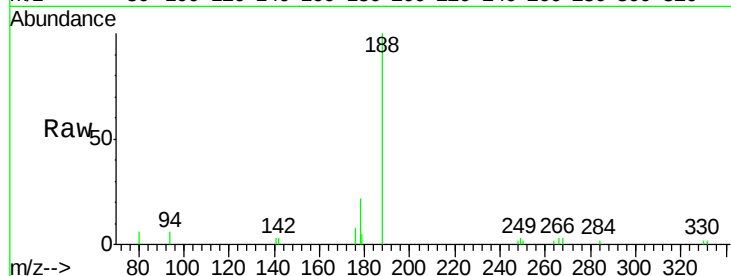
Instrument :

BNA_E

ClientSampleId :

PB102812BSD

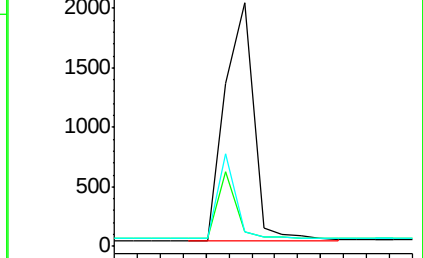
Tgt Ion:	188	Resp:	6910
Ion	Ratio	Lower	Upper
188	100		
94	5.9	3.9	5.9
80	5.9	3.6	5.4#



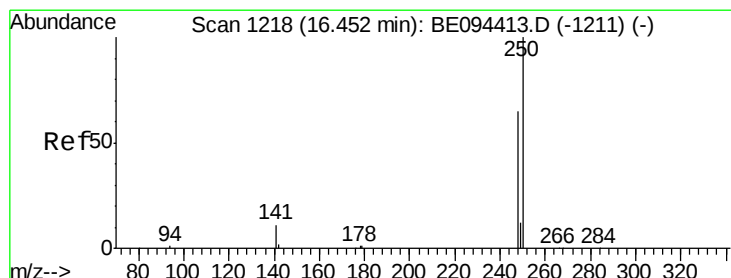
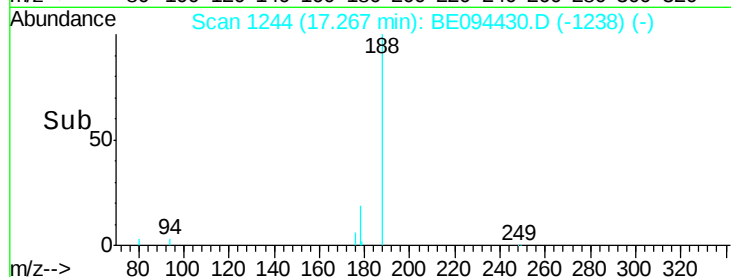
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.305 ng

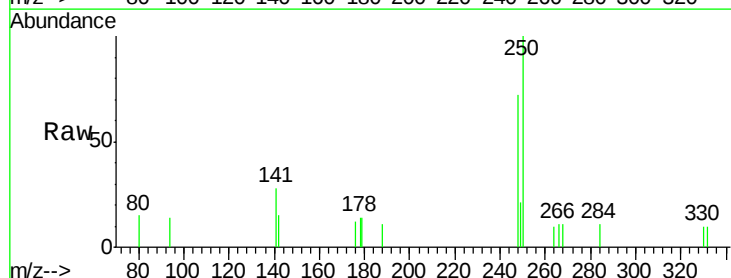
RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

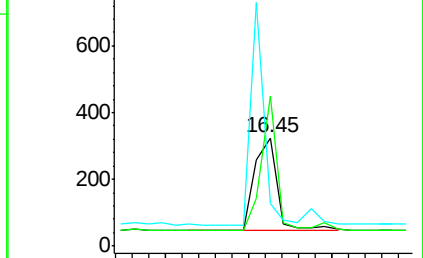
Tgt Ion:	248	Resp:	1054
Ion	Ratio	Lower	Upper
248	100		
250	138.8	62.7	94.1#
141	39.4	48.2	72.2#



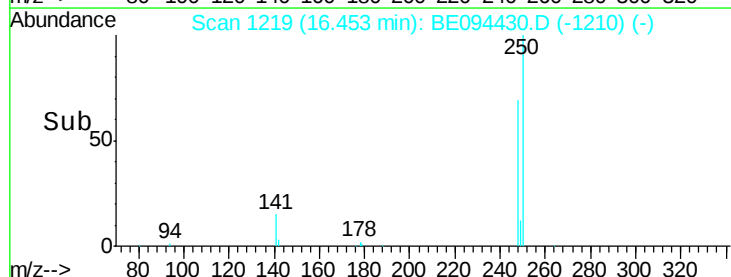
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

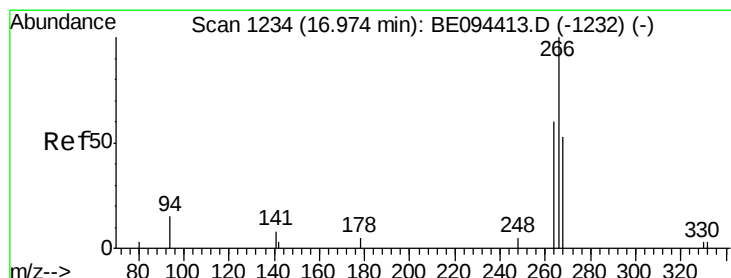
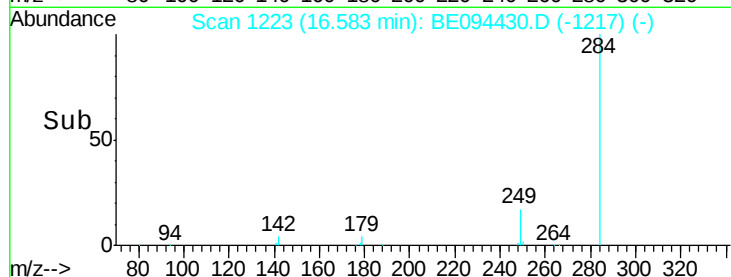
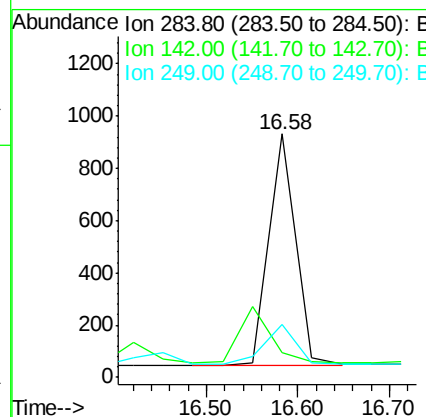
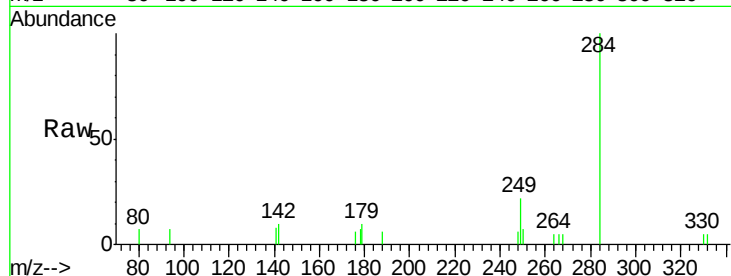




#21
Hexachlorobenzene
Concen: 0.276 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094430.D
Acq: 17 Oct 2017 14:28

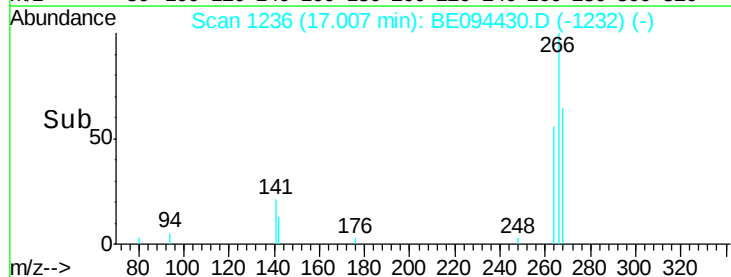
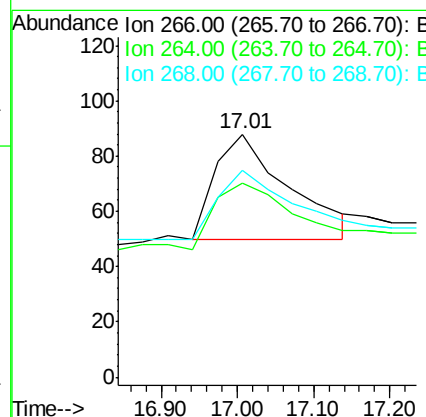
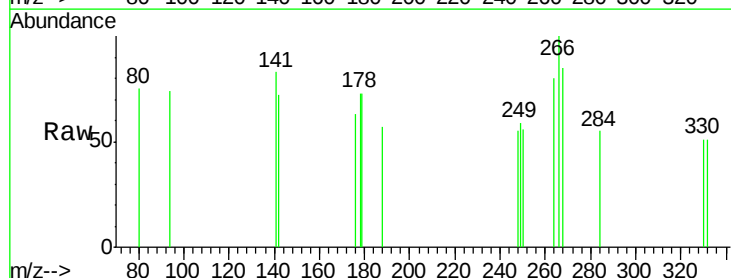
Instrument :
BNA_E
ClientSampleId :
PB102812BSD

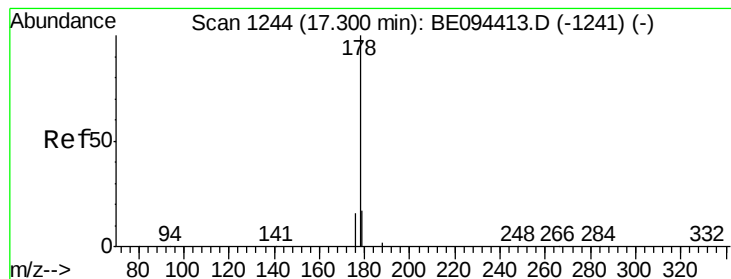
Tgt Ion: 284 Resp: 1813
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 19.5 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.505 ng
RT: 17.01 min Scan# 1236
Delta R.T. 0.03 min
Lab File: BE094430.D
Acq: 17 Oct 2017 14:28

Tgt Ion: 266 Resp: 254
Ion Ratio Lower Upper
266 100
264 79.5 72.5 108.7
268 85.2 73.8 110.6





#23

Phenanthrene

Concen: 0.360 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

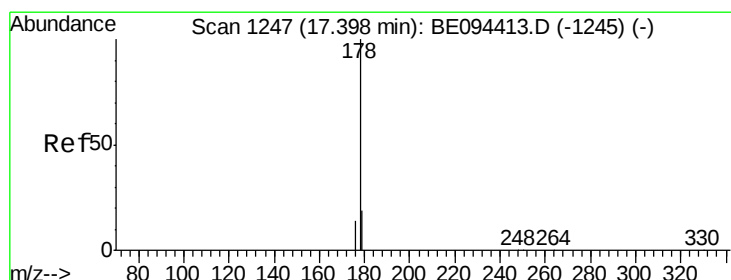
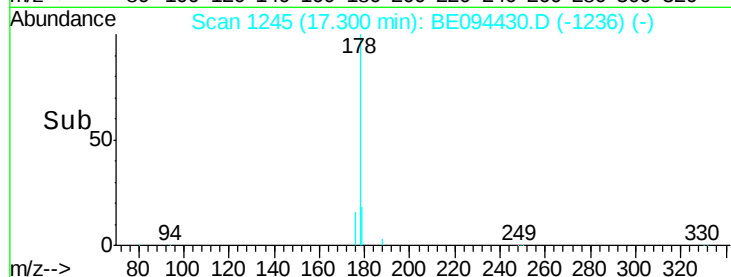
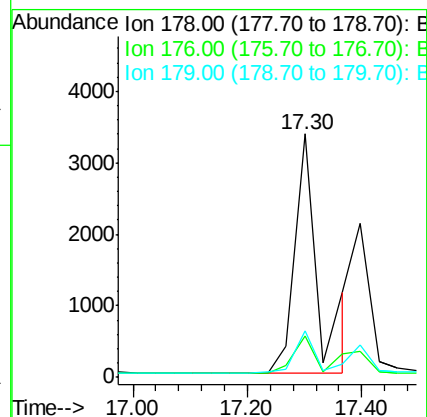
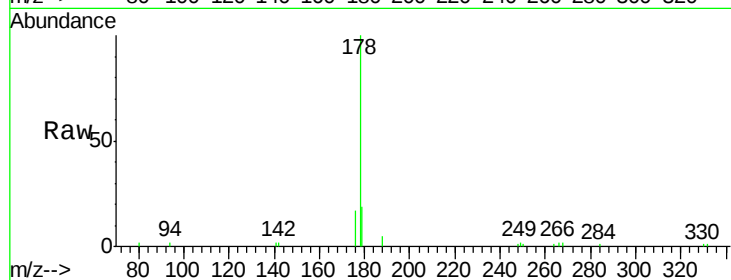
Tgt Ion:178 Resp: 9790

Ion Ratio Lower Upper

178 100

176 26.2 15.1 22.7#

179 15.7 11.8 17.6



#24

Anthracene

Concen: 0.464 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

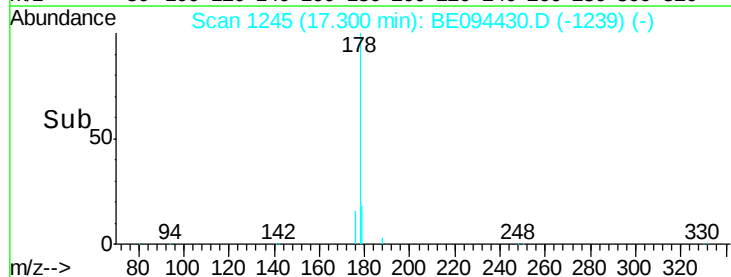
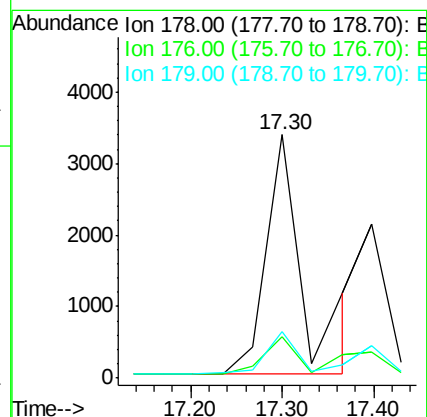
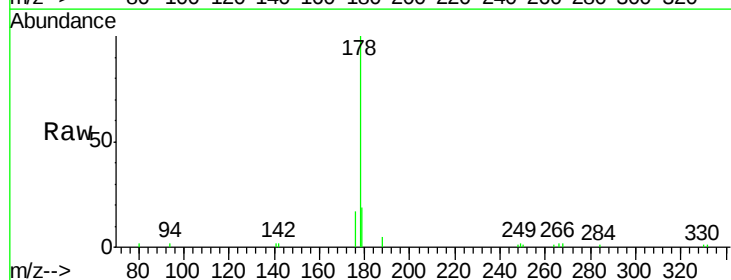
Tgt Ion:178 Resp: 9743

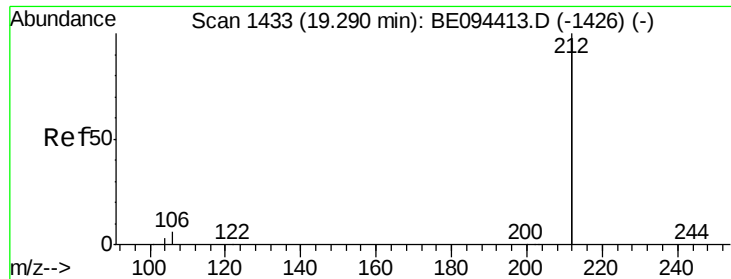
Ion Ratio Lower Upper

178 100

176 26.1 12.8 19.2#

179 15.6 13.0 19.6

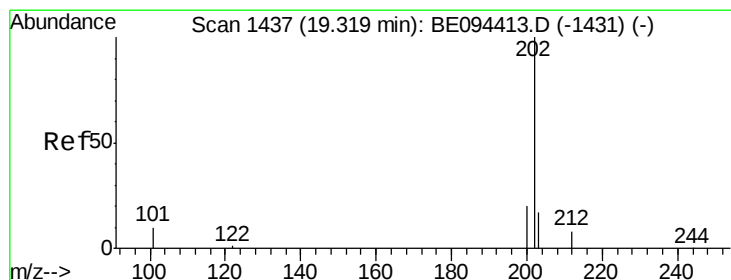
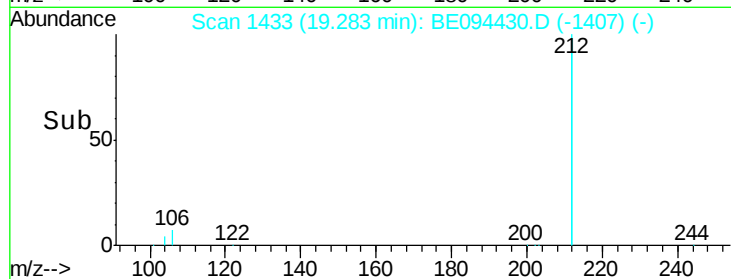
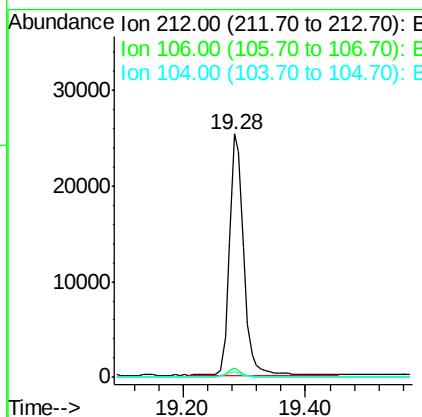
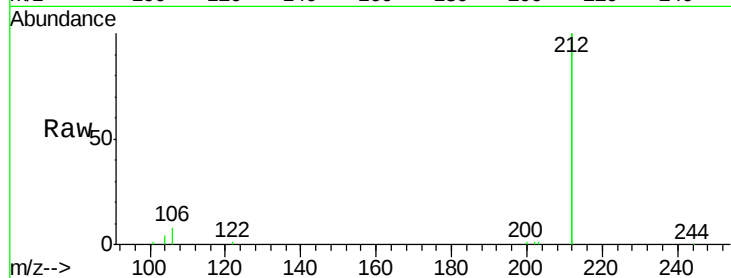




#25
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

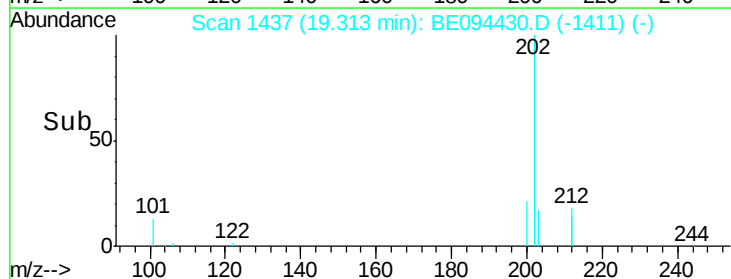
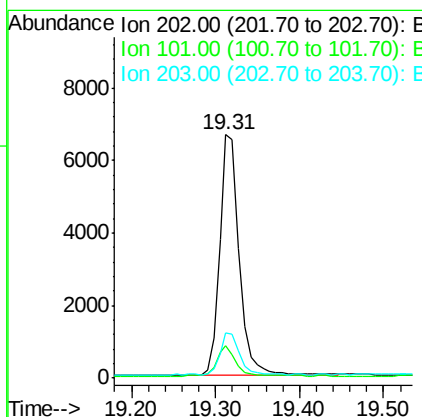
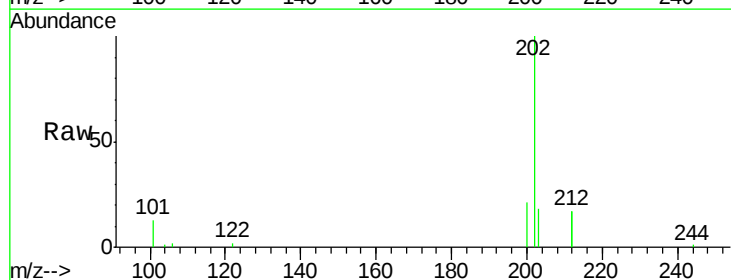
Instrument :
 BNA_E
 ClientSampleId :
 PB102812BSD

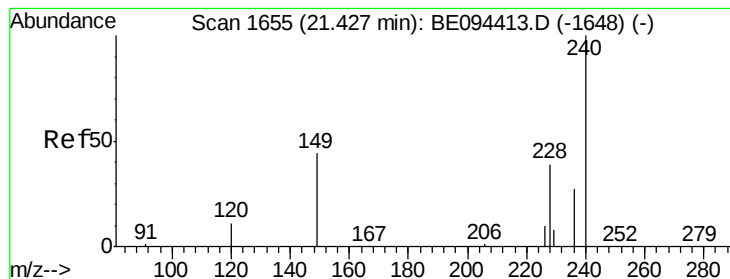
Tgt Ion: 212 Resp: 40646
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.8 4.2
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.321 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

Tgt Ion: 202 Resp: 10846
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.8 14.8
 203 17.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

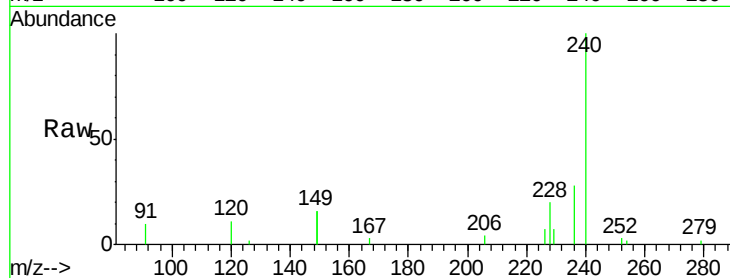
Tgt Ion:240 Resp: 10062

Ion Ratio Lower Upper

240 100

120 11.3 5.5 8.3#

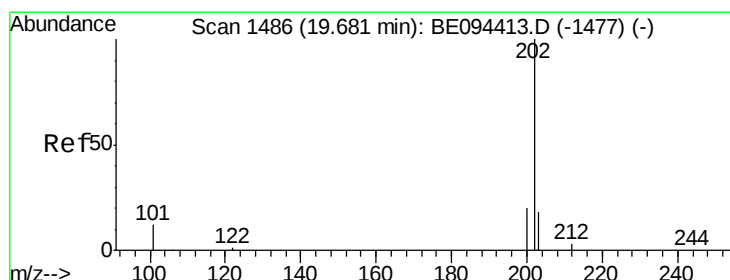
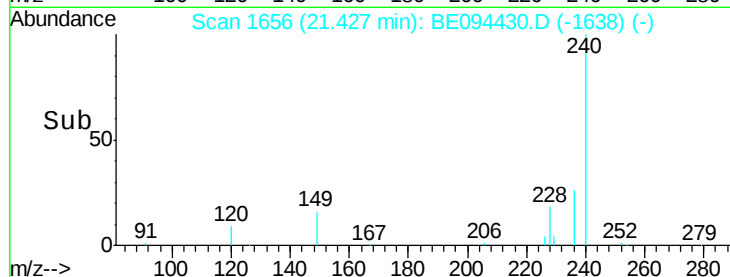
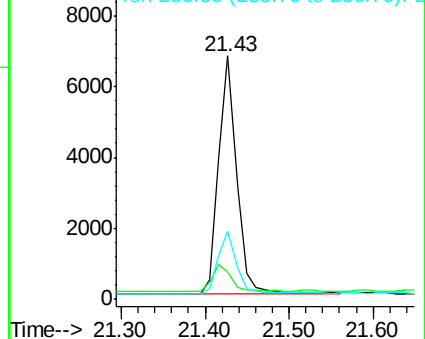
236 27.9 20.7 31.1



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: 0.294 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

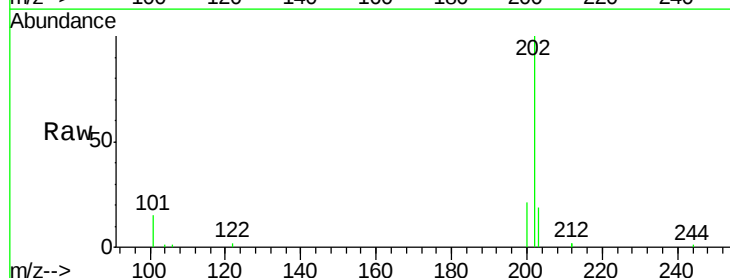
Tgt Ion:202 Resp: 11160

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

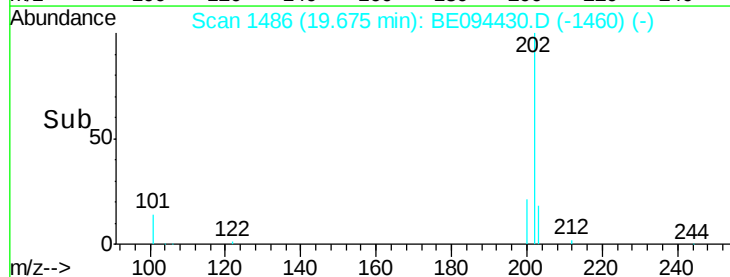
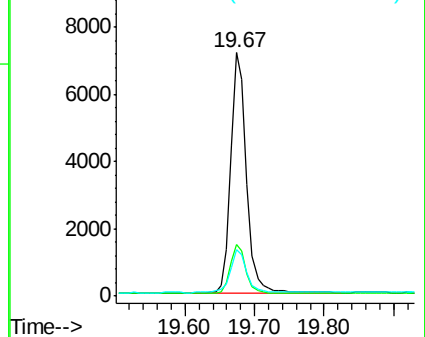
203 18.4 13.8 20.8

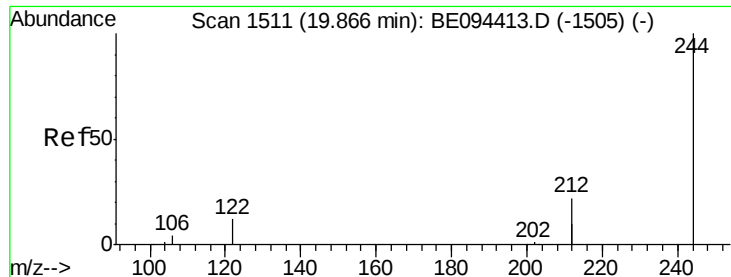


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.331 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

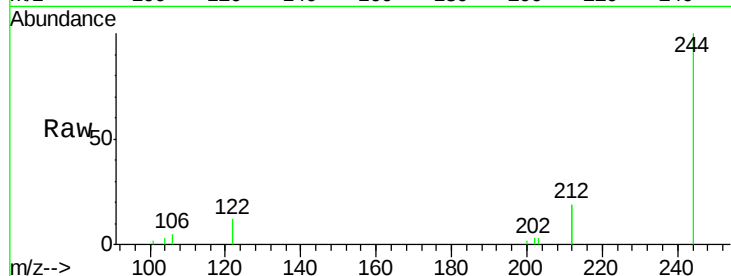
Tgt Ion:244 Resp: 6715

Ion Ratio Lower Upper

244 100

212 37.9 25.4 38.0

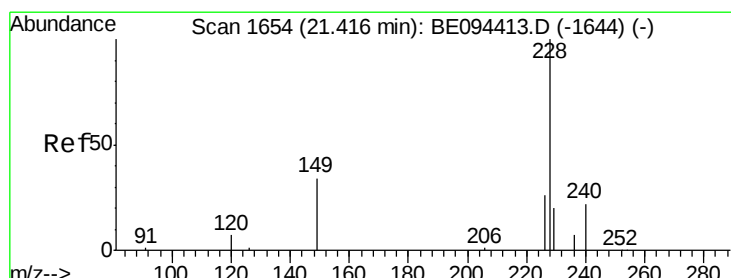
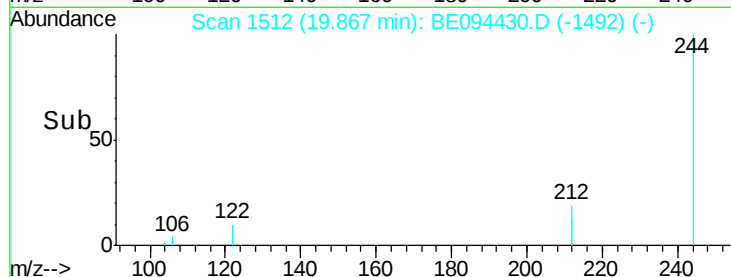
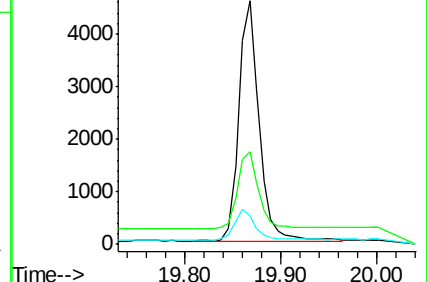
122 11.9 8.1 12.1



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: 0.310 ng

RT: 21.41 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

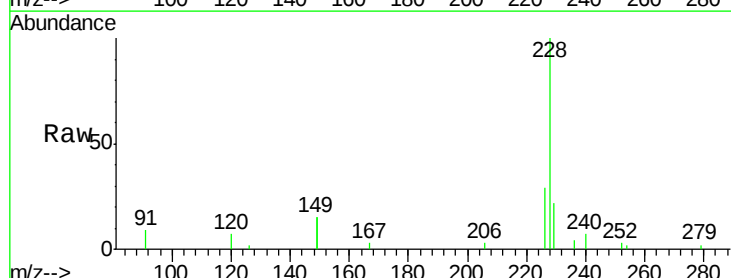
Tgt Ion:228 Resp: 10789

Ion Ratio Lower Upper

228 100

226 29.3 40.0 60.0#

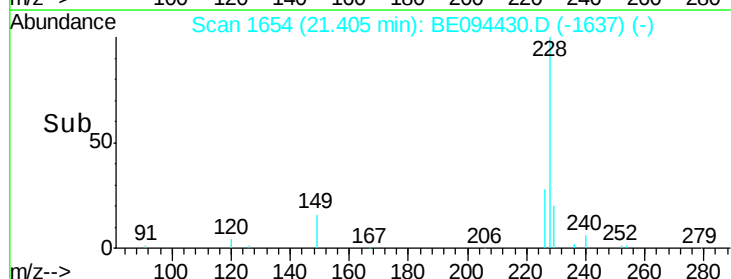
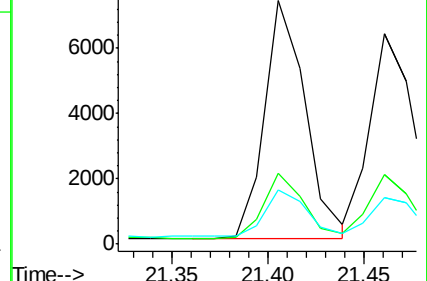
229 22.1 40.0 60.0#

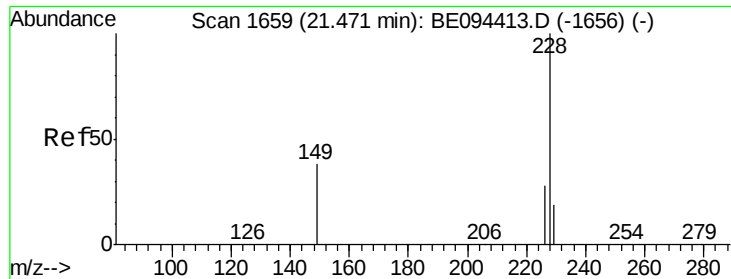


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.305 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

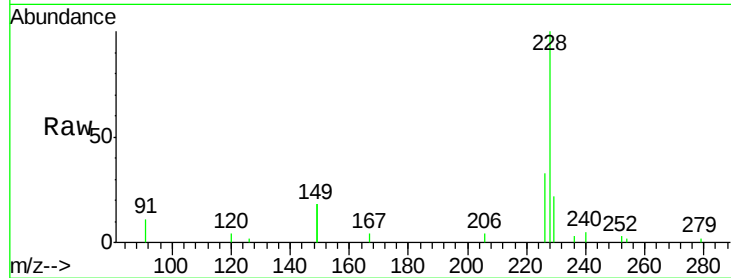
Tgt Ion: 228 Resp: 10206

Ion Ratio Lower Upper

228 100

226 32.9 40.0 60.0#

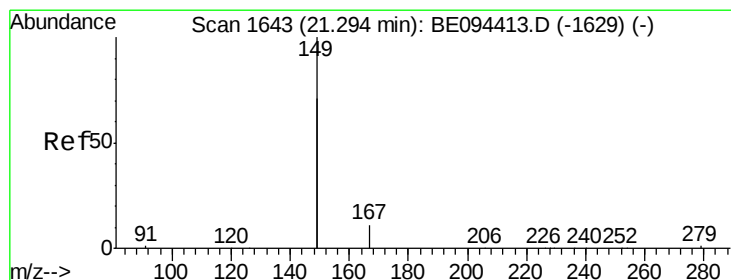
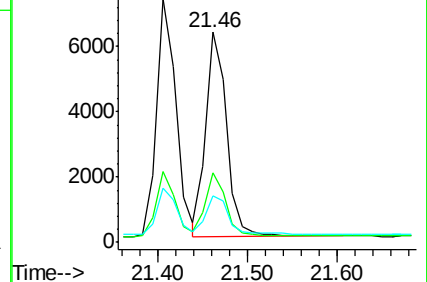
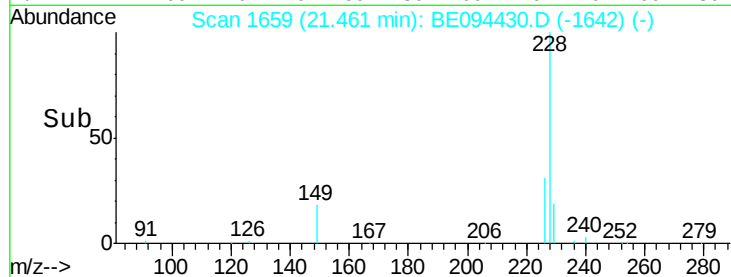
229 22.1 40.0 60.0#



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: 0.293 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

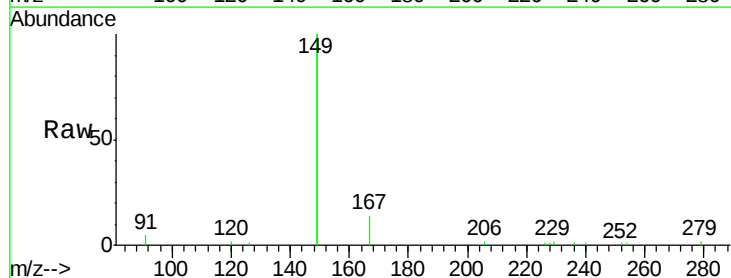
Tgt Ion: 149 Resp: 29406

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

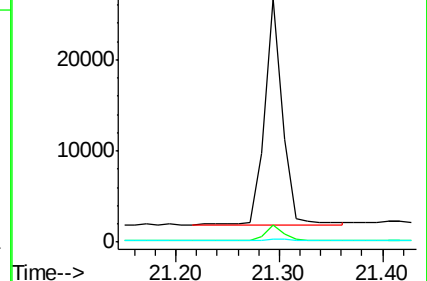
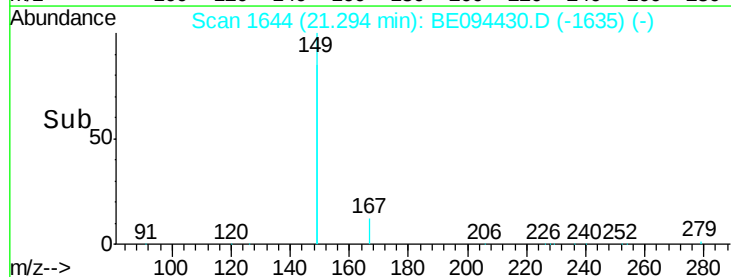
279 0.8 0.7 1.1



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

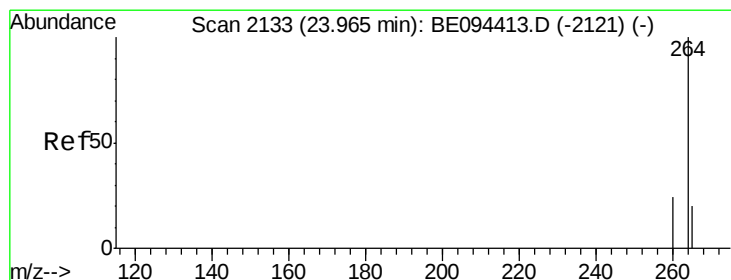
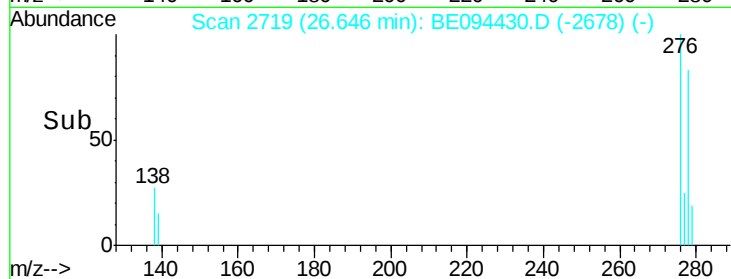
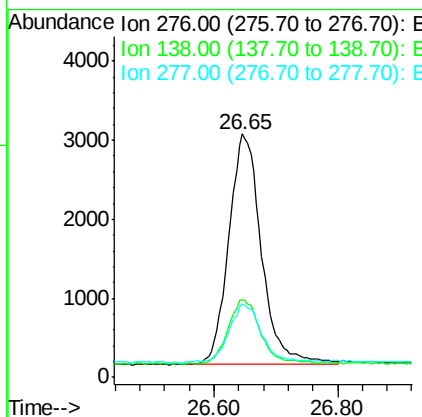
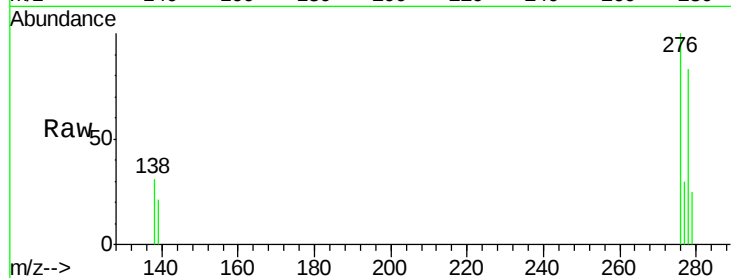




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.317 ng
 RT: 26.65 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

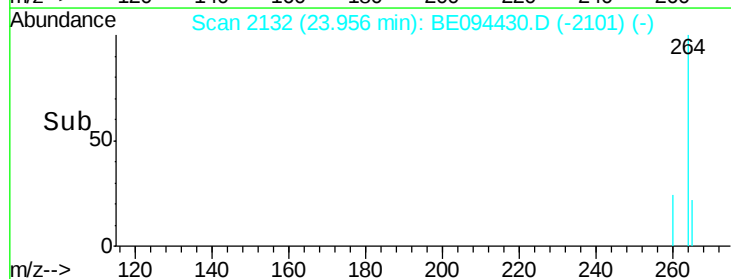
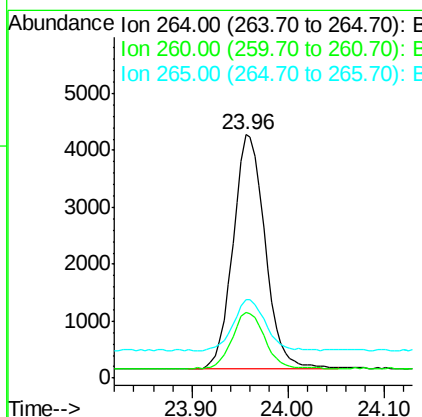
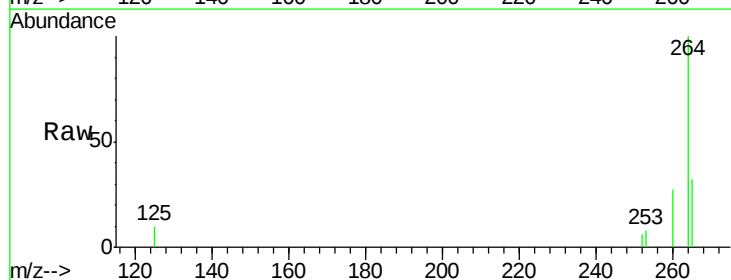
Instrument :
 BNA_E
 ClientSampleId :
 PB102812BSD

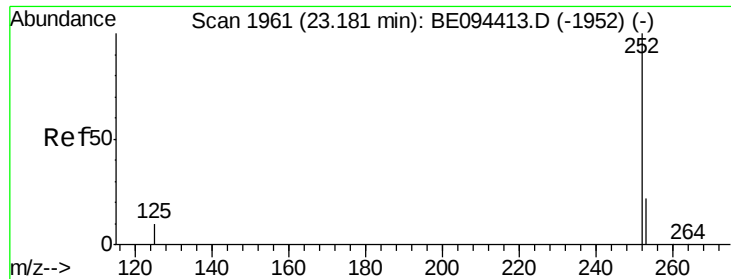
Tgt Ion: 276 Resp: 10687
 Ion Ratio Lower Upper
 276 100
 138 28.0 22.5 33.7
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BE094430.D
 Acq: 17 Oct 2017 14:28

Tgt Ion: 264 Resp: 9512
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.5 30.7
 265 32.1 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.317 ng

RT: 23.18 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

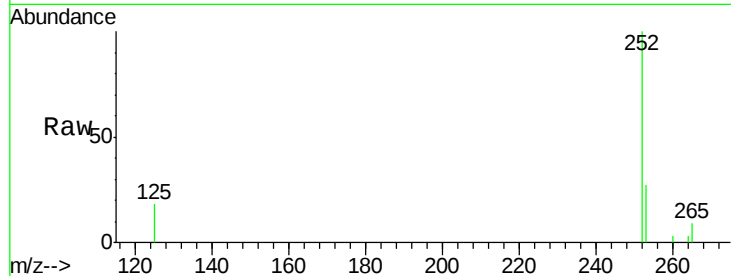
Tgt Ion:252 Resp: 10226

Ion Ratio Lower Upper

252 100

253 27.0 48.0 72.0#

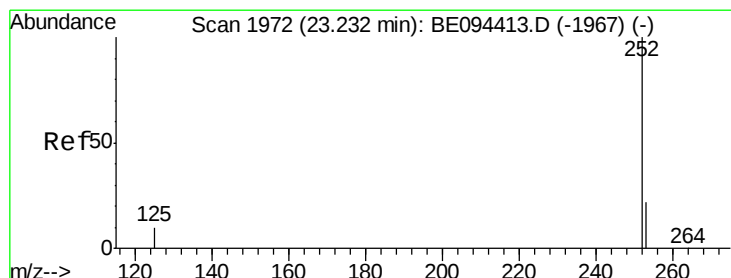
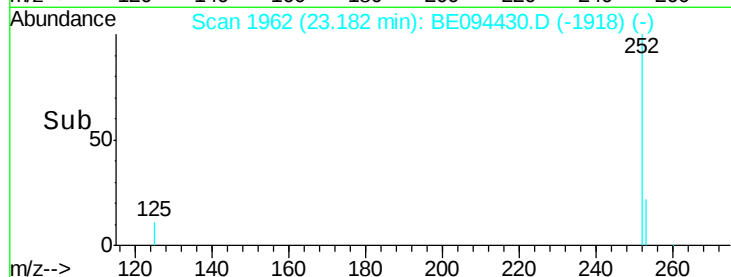
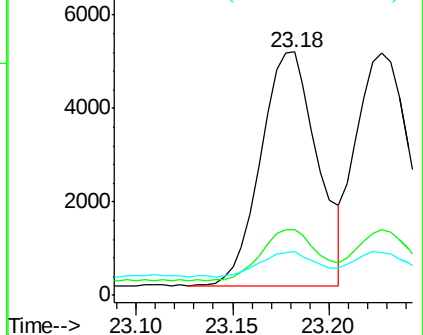
125 17.8 56.0 84.0#



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: 0.314 ng

RT: 23.23 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

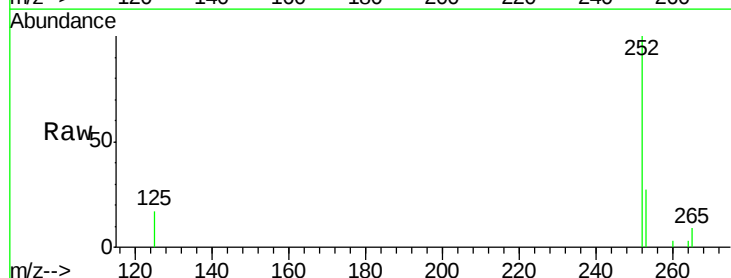
Tgt Ion:252 Resp: 9983

Ion Ratio Lower Upper

252 100

253 27.1 48.0 72.0#

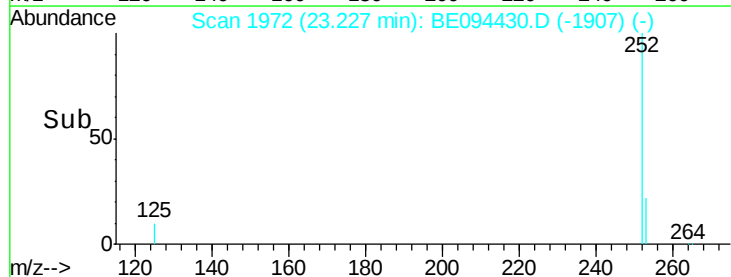
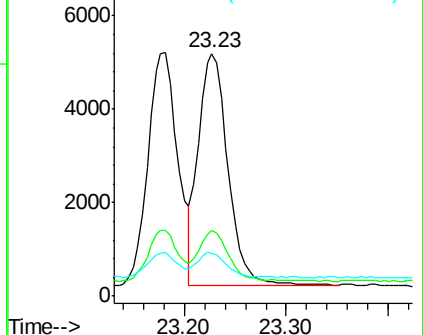
125 17.4 56.0 84.0#

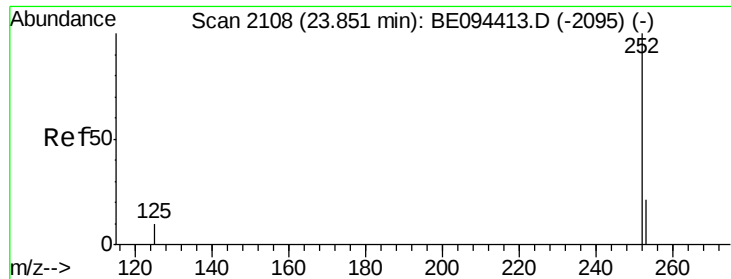


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.320 ng

RT: 23.85 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD

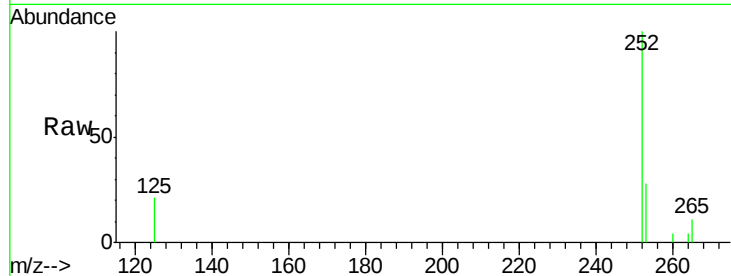
Tgt Ion:252 Resp: 9700

Ion Ratio Lower Upper

252 100

253 27.9 52.0 78.0#

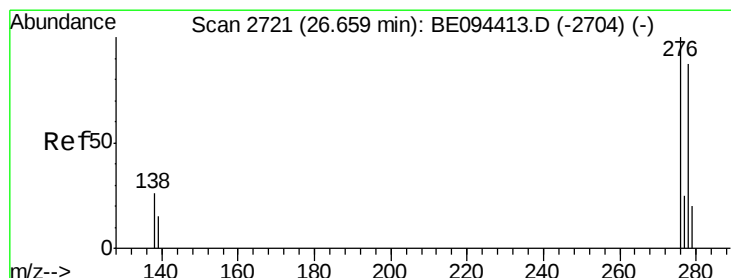
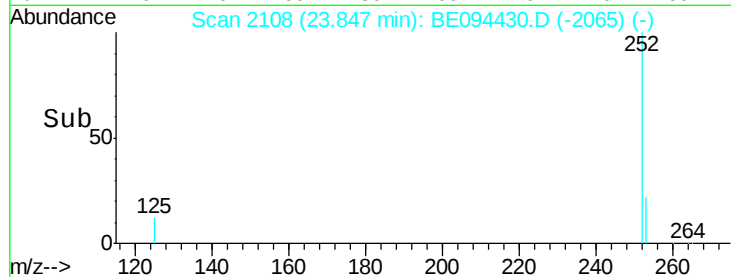
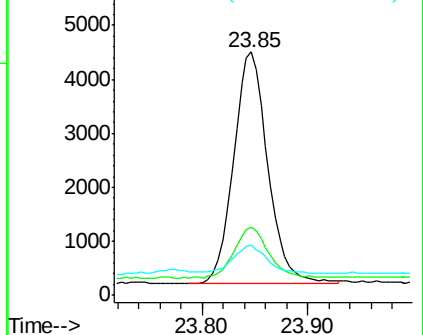
125 20.6 68.0 102.0#



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: 0.313 ng

RT: 26.65 min Scan# 2721

Delta R.T. -0.00 min

Lab File: BE094430.D

Acq: 17 Oct 2017 14:28

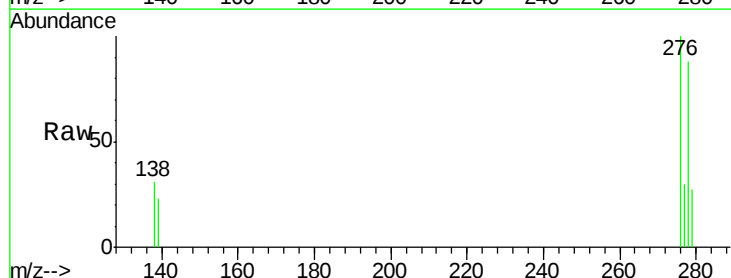
Tgt Ion:278 Resp: 8985

Ion Ratio Lower Upper

278 100

139 25.9 56.0 84.0#

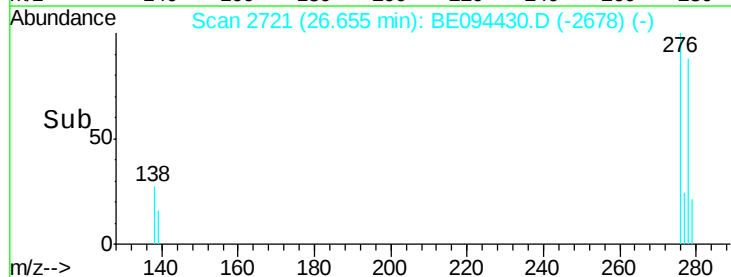
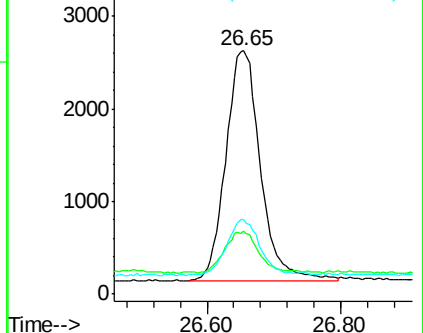
279 30.5 52.0 78.0#

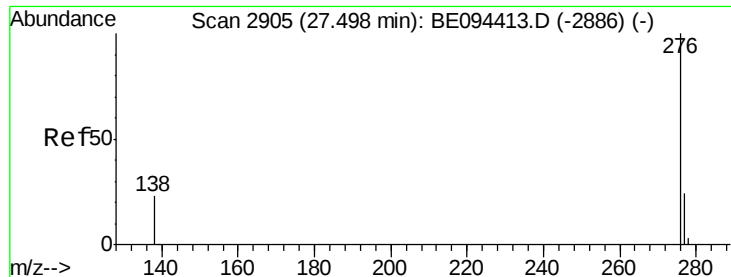


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.318 ng

RT: 27.48 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BE094430.D

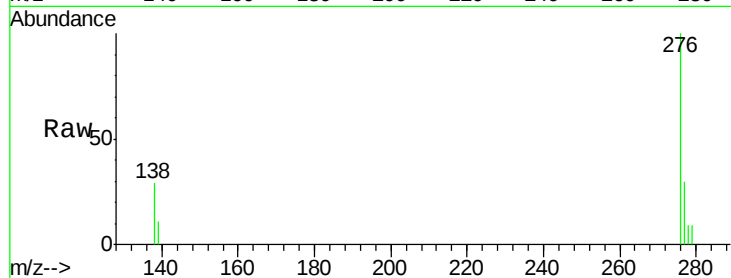
Acq: 17 Oct 2017 14:28

Instrument :

BNA_E

ClientSampleId :

PB102812BSD



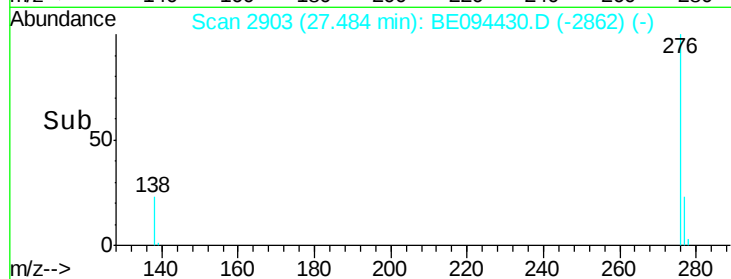
Tgt Ion: 276 Resp: 8769

Ion Ratio Lower Upper

276 100

277 29.5 52.0 78.0#

138 28.7 44.0 66.0#



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

