

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094505.D
 Acq On : 23 Oct 2017 20:59
 Operator : SJ/JU
 Sample : I5950-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170722-C-A-COMP1

Quant Time: Oct 23 22:29:43 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 19:31:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1377	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7586	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4515	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13641	0.40	ng	0.00
27) Chrysene-d12	21.42	240	10412	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9708	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	708	0.15	ng	0.00
5) Phenol-d6	7.11	99	599	0.08	ng	-0.02
8) Nitrobenzene-d5	9.06	82	2705	0.45	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4608	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.13	172	6799	0.43	ng	-0.01
25) Fluoranthene-d10	19.27	212	48659	0.26	ng	-0.01
29) Terphenyl-d14	19.85	244	10059	0.51	ng	-0.02

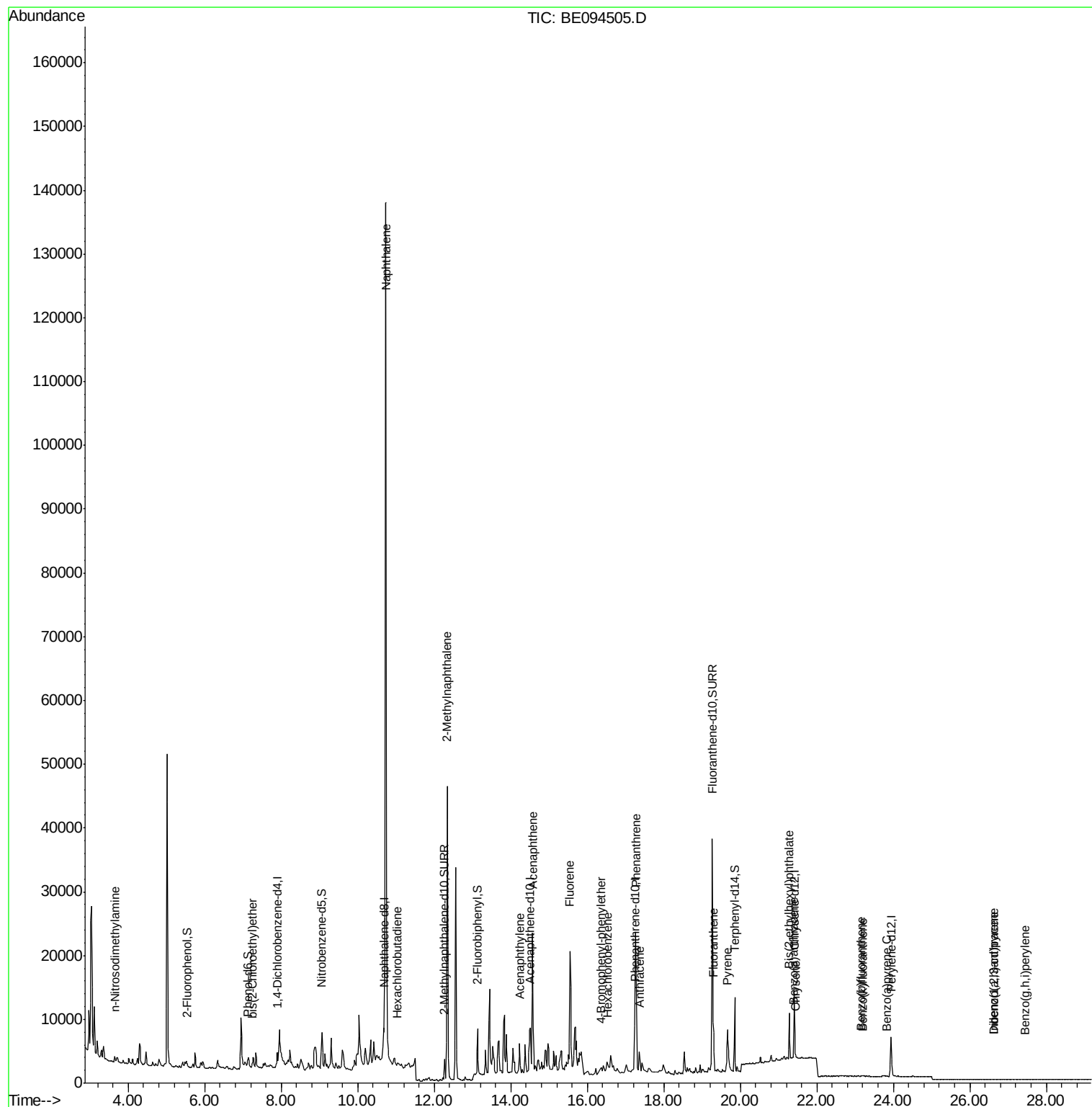
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.65	42	1116	0.50	ng	# 2
6) bis(2-Chloroethyl)ether	7.24	93	1958	0.36	ng	# 1
9) Naphthalene	10.74	128	293241	3.42	ng	99
10) Hexachlorobutadiene	11.04	225	3	0.00	ng	# 60
12) 2-Methylnaphthalene	12.34	142	35297	2.42	ng	98
16) Acenaphthylene	14.23	152	2126	0.09	ng	# 62
17) Acenaphthene	14.57	154	11745	0.77	ng	97
18) Fluorene	15.55	166	10976	0.56	ng	# 87
20) 4-Bromophenyl-phenylether	16.36	248	6	0.00	ng	# 1
21) Hexachlorobenzene	16.52	284	6	0.00	ng	# 38
23) Phenanthrene	17.27	178	33333	1.01	ng	97
24) Anthracene	17.37	178	5981	0.15	ng	# 80
26) Fluoranthene	19.30	202	5915	0.06	ng	96
28) Pyrene	19.66	202	6066	0.17	ng	# 93
30) Benzo(a)anthracene	21.39	228	604	0.02	ng	94
31) Chrysene	21.45	228	479	0.01	ng	91
32) Bis(2-ethylhexyl)phthalate	21.28	149	7804	0.09	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	25	0.00	ng	# 57
35) Benzo(b)fluoranthene	23.16	252	205	0.01	ng	# 51
36) Benzo(k)fluoranthene	23.21	252	72	0.00	ng	# 26
37) Benzo(a)pyrene	23.83	252	77	0.00	ng	# 35
38) Dibenzo(a,h)anthracene	26.63	278	2	0.00	ng	# 16
39) Benzo(g,h,i)perylene	27.44	276	13	0.00	ng	# 43

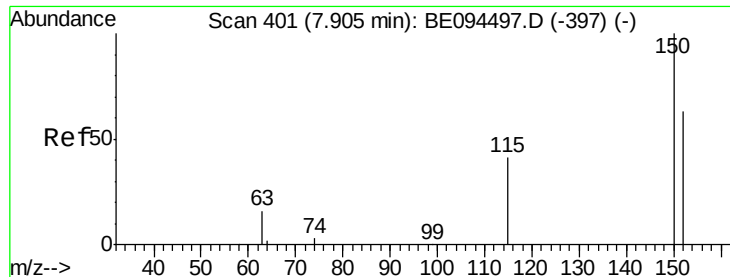
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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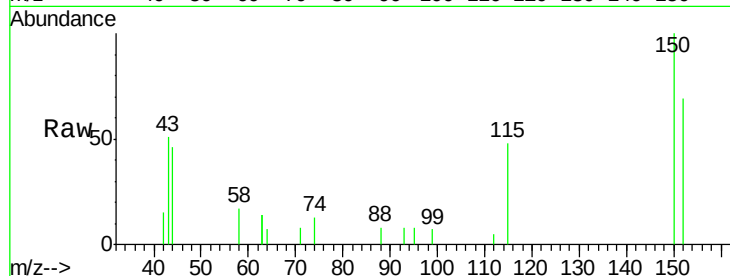


#1

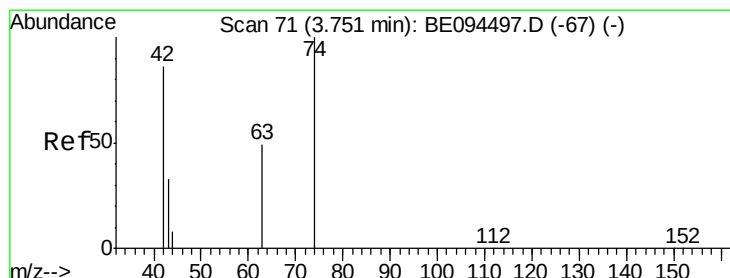
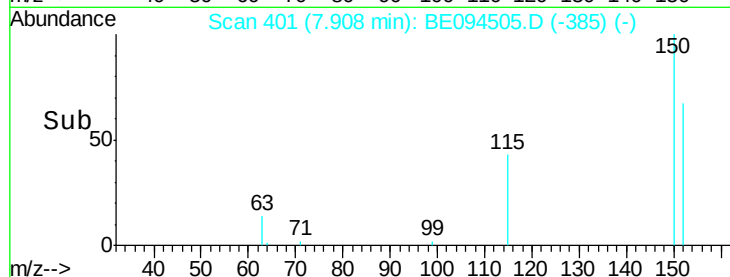
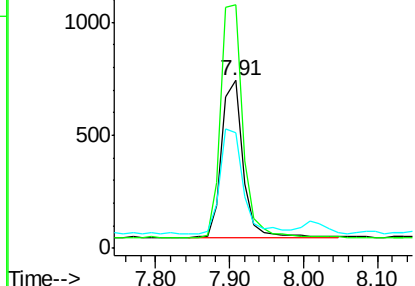
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

Tot Ion:152 Resp: 1377
Ion Ratio Lower Upper
152 100
150 145.1 117.2 175.8
115 69.1 57.0 85.6



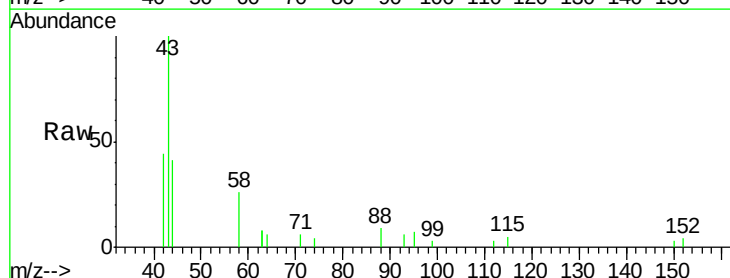
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



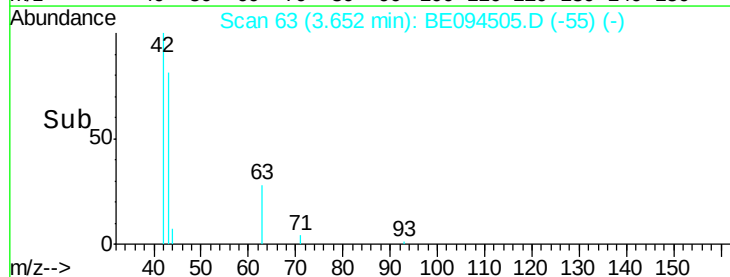
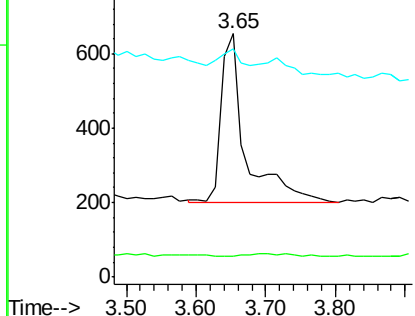
#3

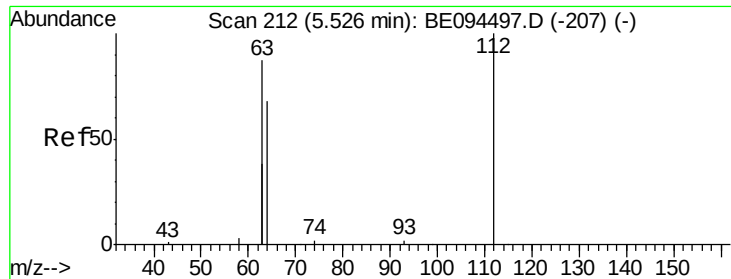
n-Nitrosodimethylamine
Concen: 0.50 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.10 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion: 42 Resp: 1116
Ion Ratio Lower Upper
42 100
74 0.0 100.3 150.5#
44 7.9 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: 0.15 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

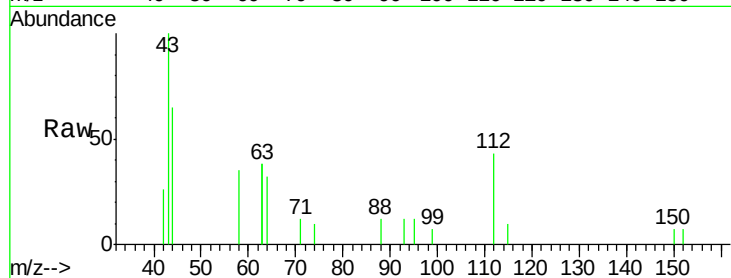
Tot Ion:112 Resp: 708

Ion Ratio Lower Upper

112 100

64 71.6 60.1 90.1

63 183.5 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BE0

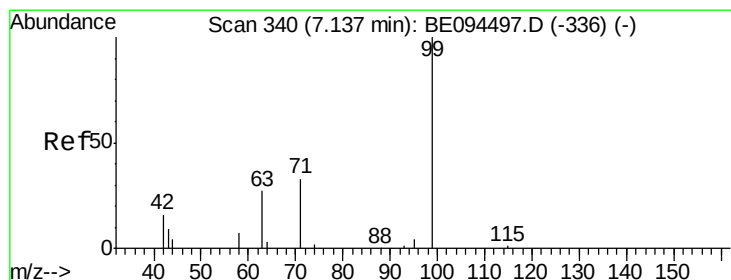
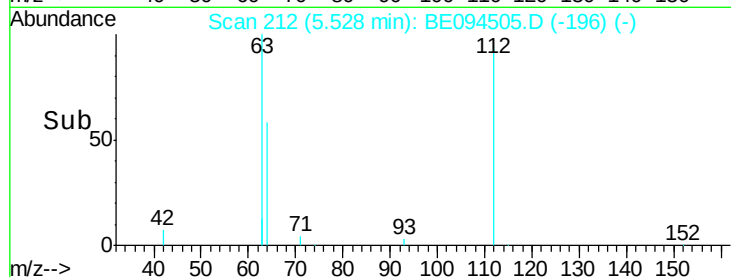
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.40 5.50 5.60 5.70

5.53



#5

Phenol-d6

Concen: 0.08 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

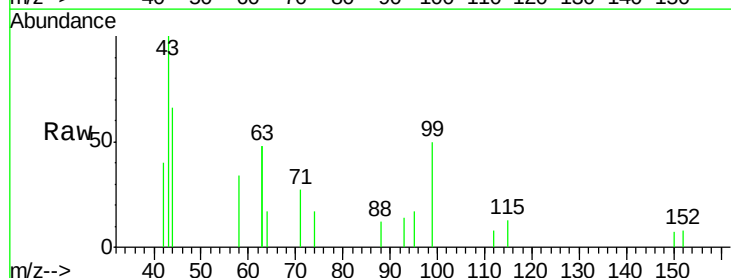
Tgt Ion: 99 Resp: 599

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 48.6 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

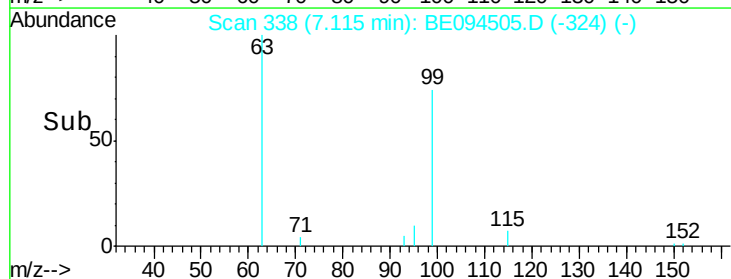
Ion 42.00 (41.70 to 42.70): BE0

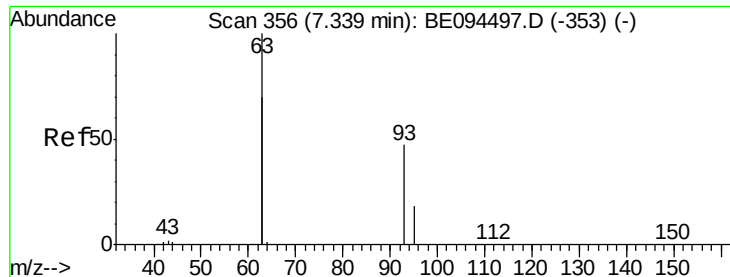
Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.00 7.10 7.20

7.11





#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

RT: 7.24 min Scan# 348

Delta R.T. -0.10 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

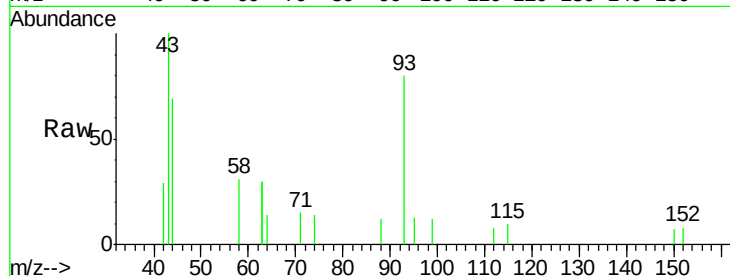
Tot Ion: 93 Resp: 1958

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

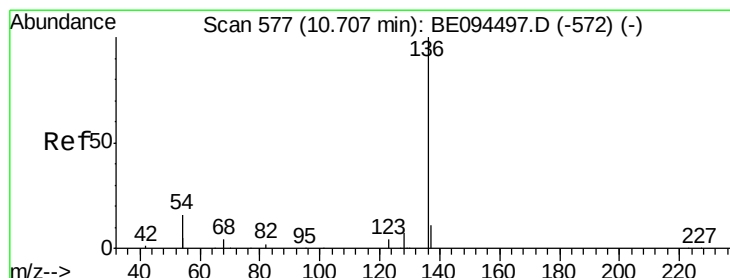
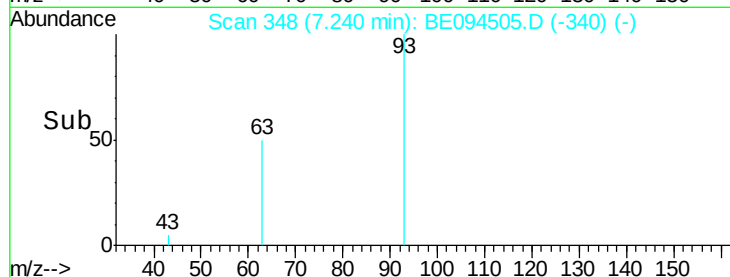
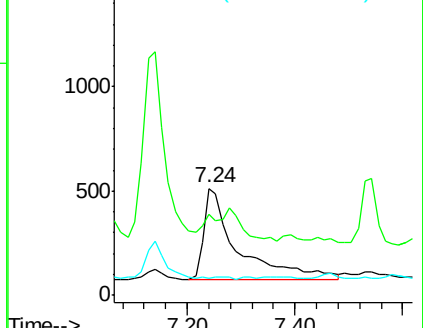
95 0.0 25.2 37.8#



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: 0.40 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Tgt Ion: 136 Resp: 7586

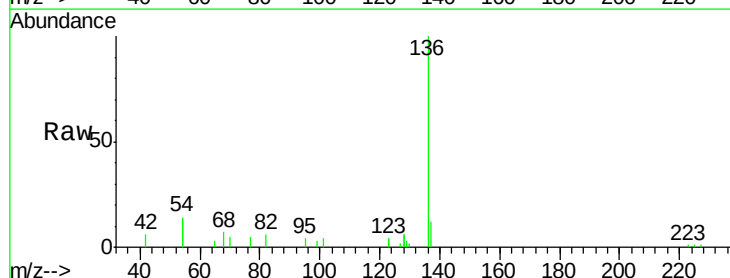
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 27.6 29.1 43.7#

68 7.5 6.2 9.2

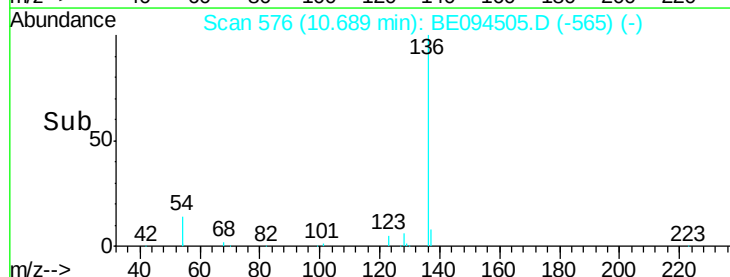
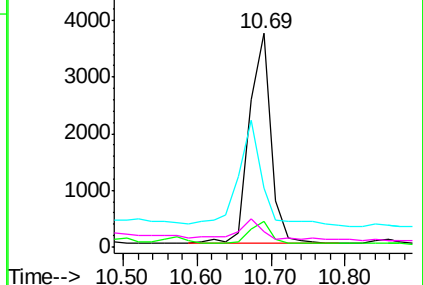


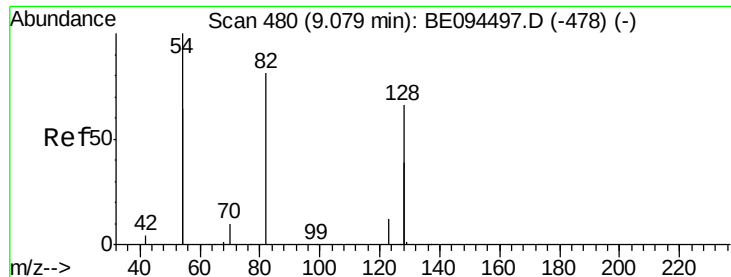
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.45 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

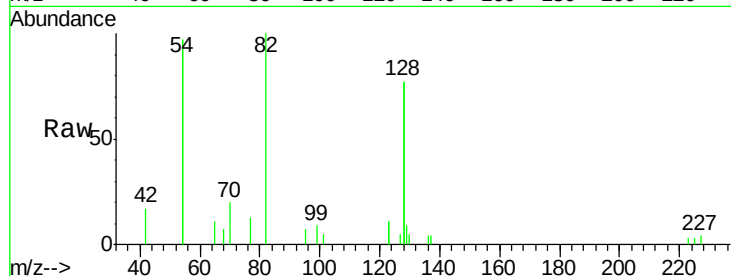
Tot Ion: 82 Resp: 2705

Ion Ratio Lower Upper

82 100

128 153.1 150.0 225.0

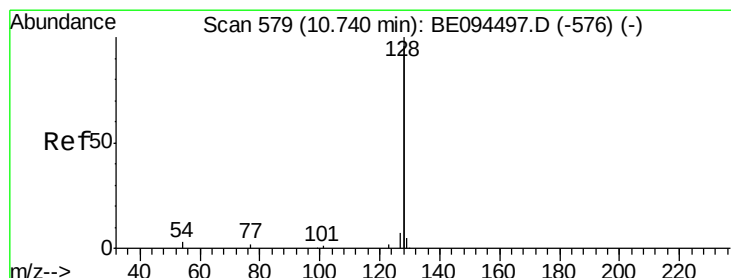
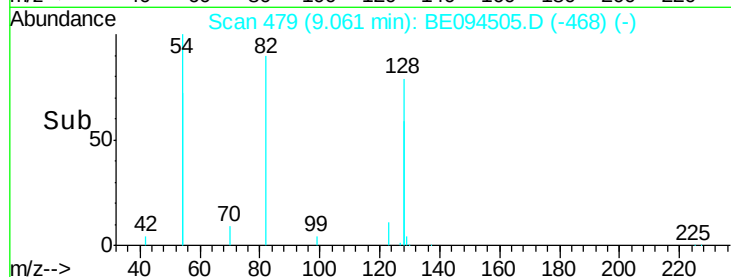
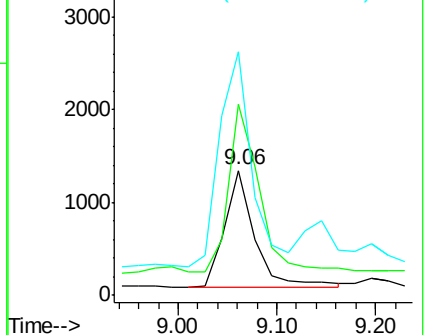
54 194.8 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 3.42 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

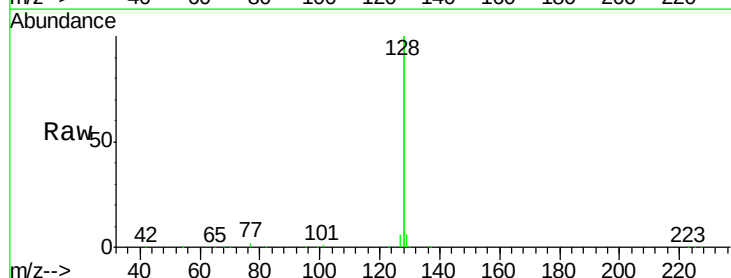
Tgt Ion: 128 Resp: 293241

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

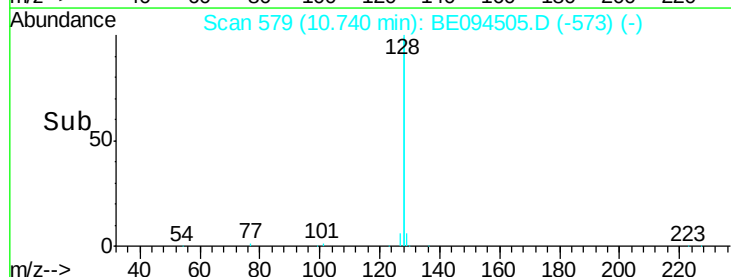
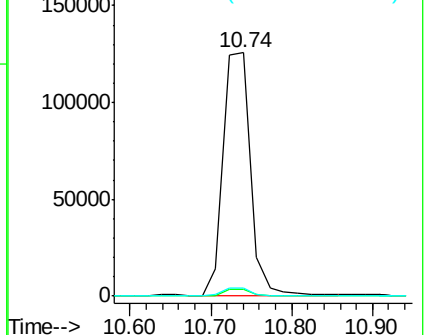
127 3.1 2.8 4.2

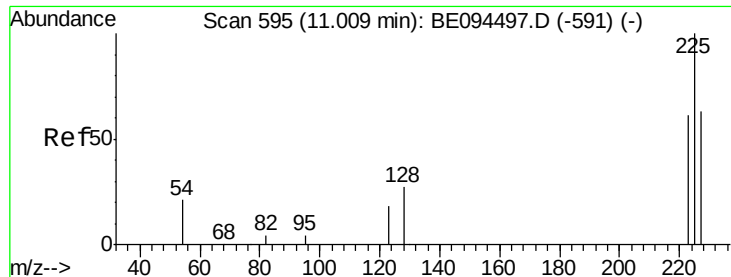


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

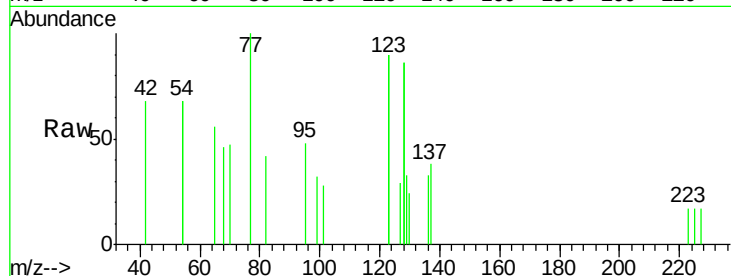




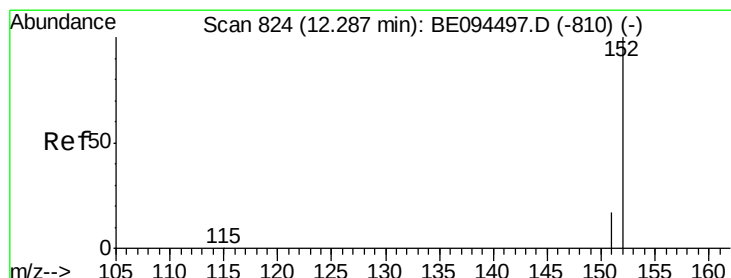
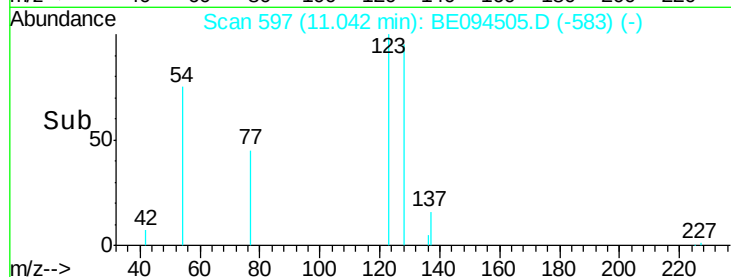
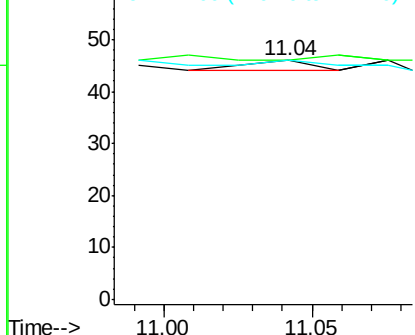
#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.03 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

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Tot Ion:225 Resp: 3
Ion Ratio Lower Upper
225 100
223 33.3 53.0 79.6#
227 33.3 51.4 77.2#

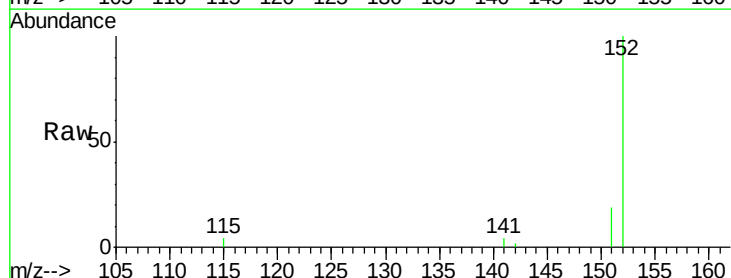


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

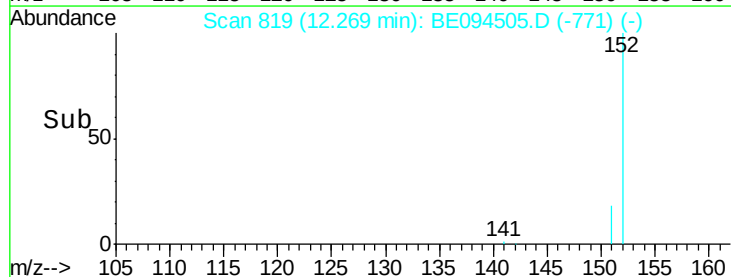
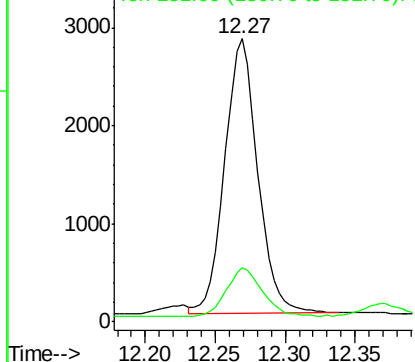


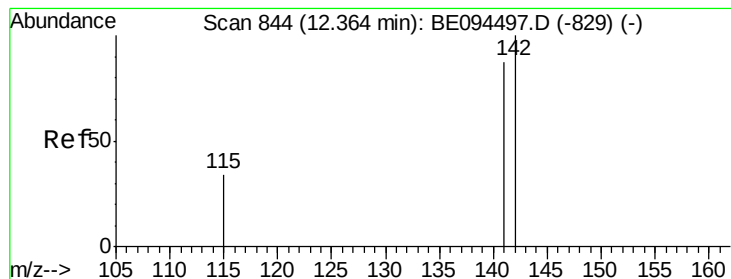
#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.02 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion:152 Resp: 4608
Ion Ratio Lower Upper
152 100
151 18.9 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: 2.42 ng

RT: 12.34 min Scan# 838

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

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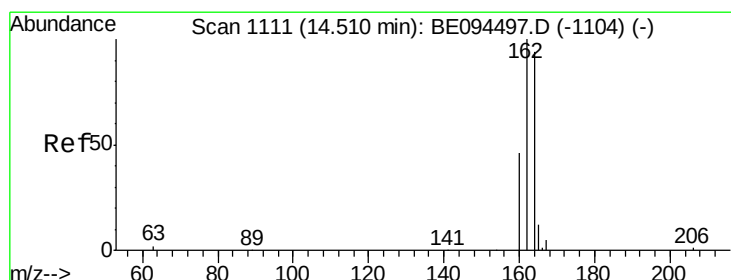
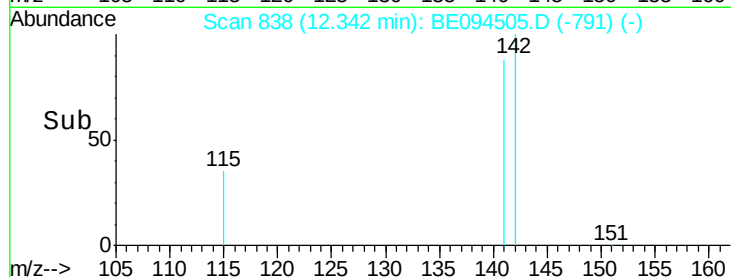
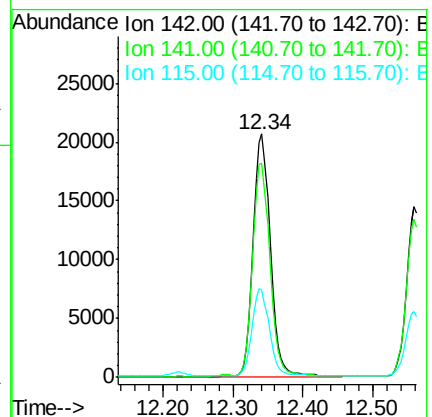
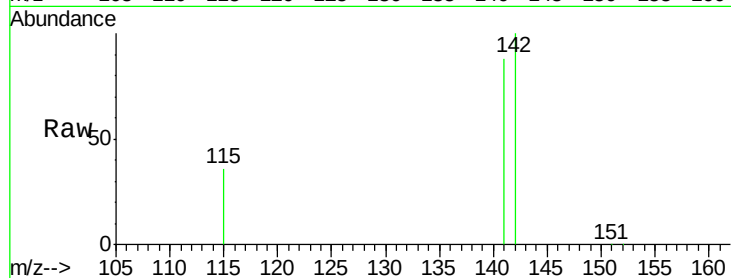
Tot Ion:142 Resp: 35297

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

115 36.0 31.7 47.5



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

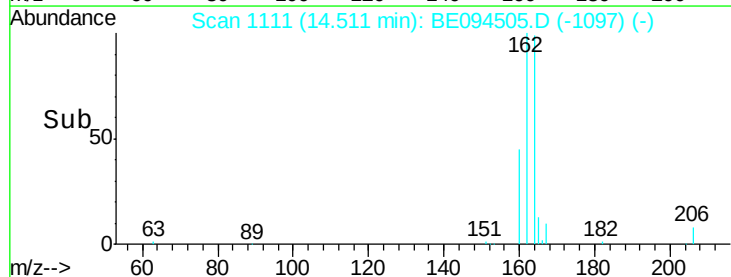
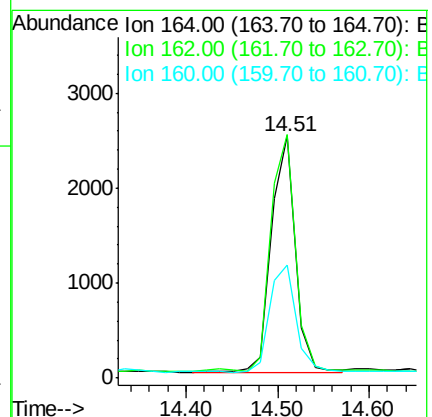
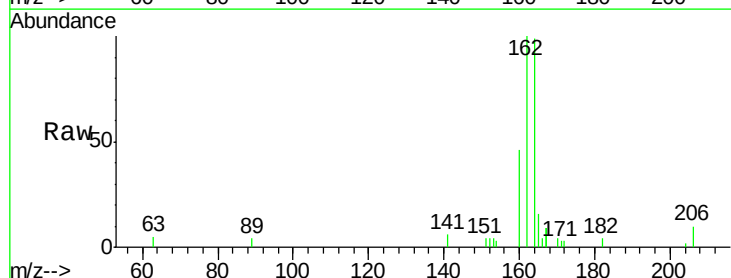
Tgt Ion:164 Resp: 4515

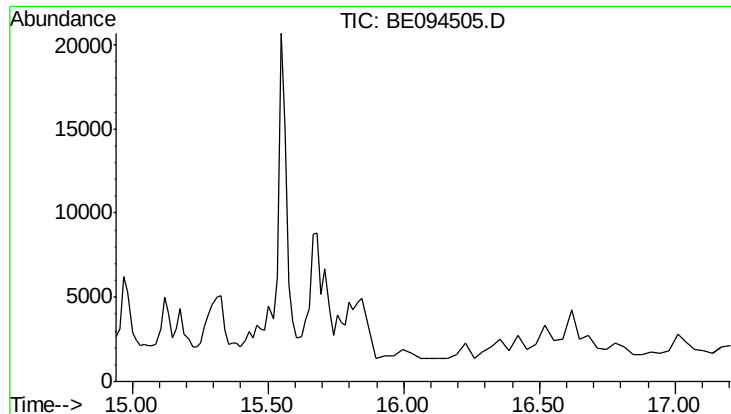
Ion Ratio Lower Upper

164 100

162 100.5 83.1 124.7

160 46.7 37.1 55.7

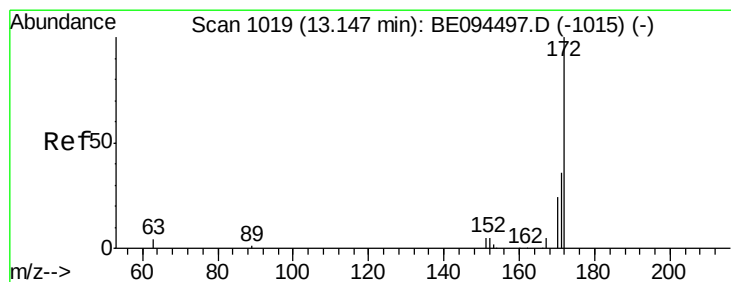
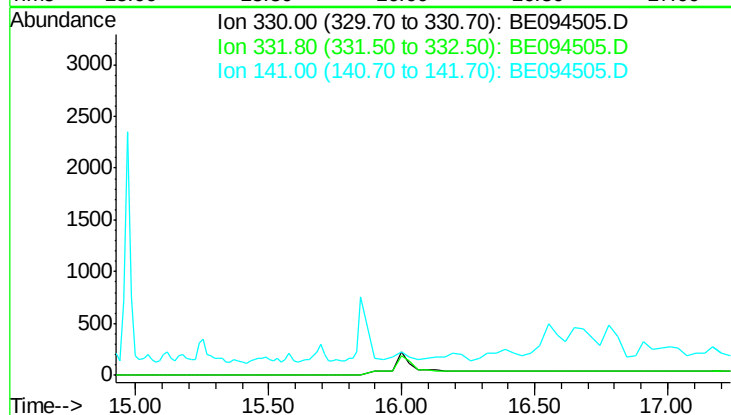




#14
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.03 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

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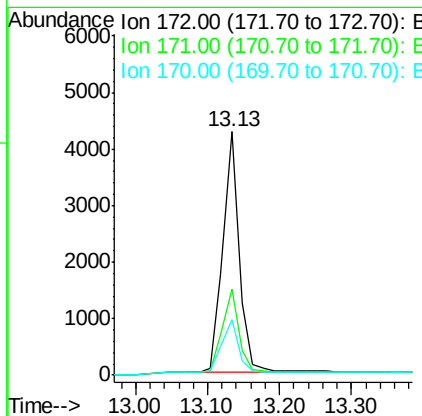
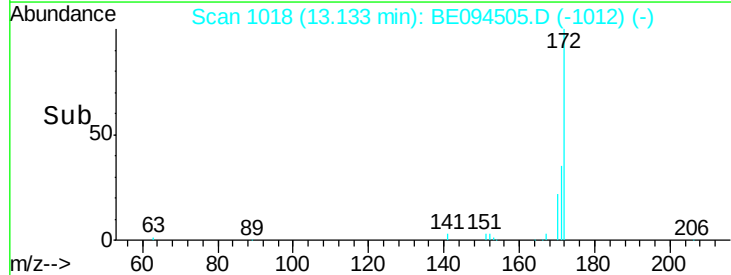
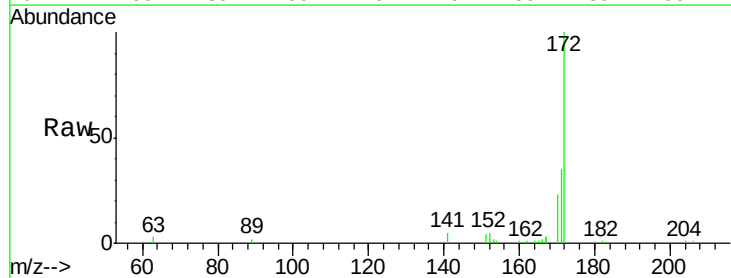
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 190.9
 141 42.1

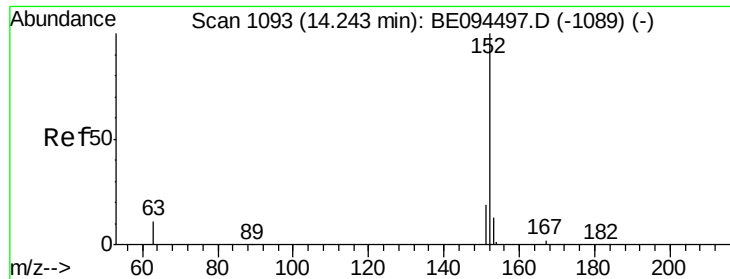


#15
 2-Fluorobiphenyl
 Concen: 0.43 ng
 RT: 13.13 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE094505.D
 Acq: 23 Oct 2017 20:59

Tgt Ion: 172 Resp: 6799

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	22.9	21.8	32.8





#16

Acenaphthylene

Concen: 0.09 ng

RT: 14.23 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

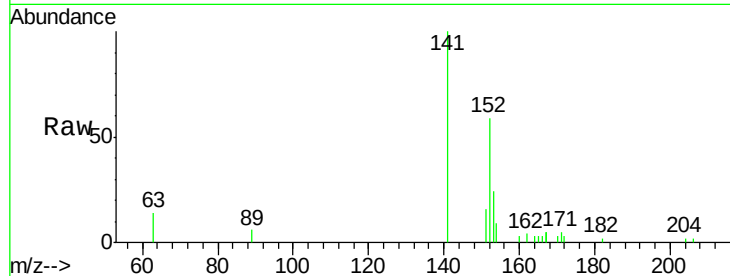
Tot Ion:152 Resp: 2126

Ion Ratio Lower Upper

152 100

151 24.3 15.7 23.5#

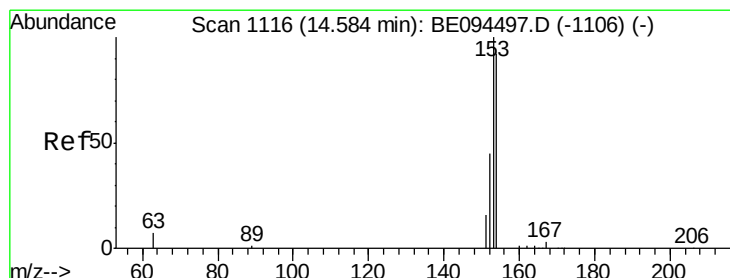
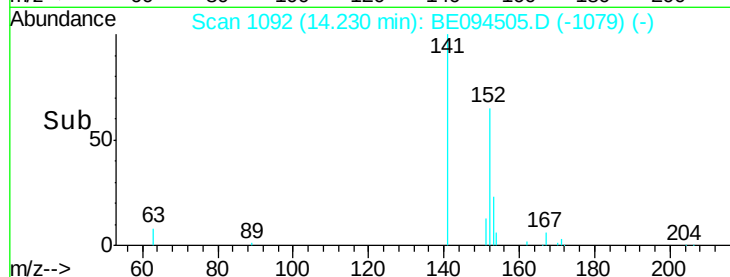
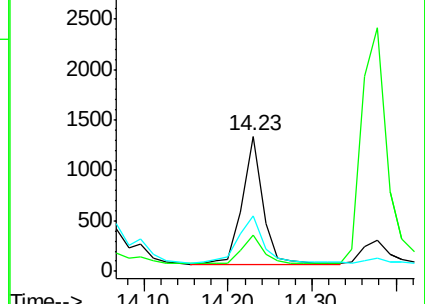
153 45.0 10.5 15.7#



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: 0.77 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

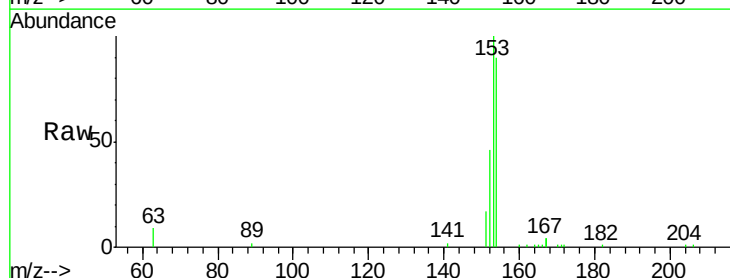
Tgt Ion:154 Resp: 11745

Ion Ratio Lower Upper

154 100

153 113.5 89.2 133.8

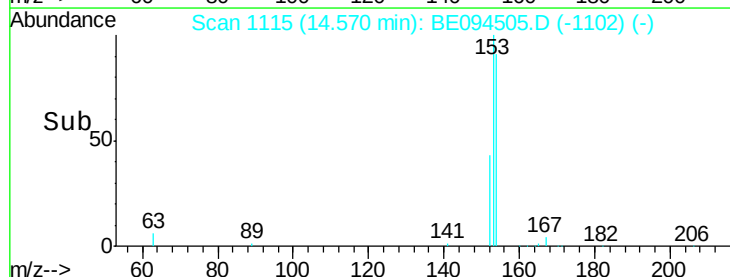
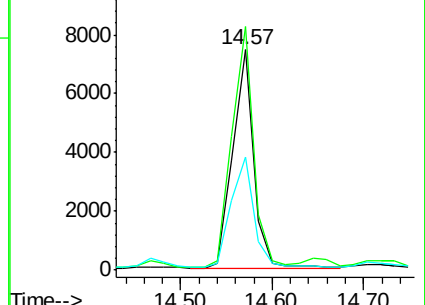
152 56.1 42.0 63.0

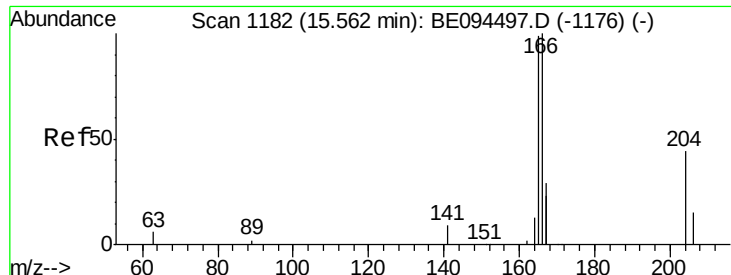


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.56 ng

RT: 15.55 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

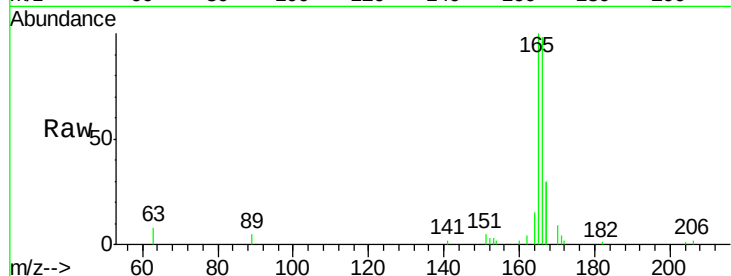
Tot Ion:166 Resp: 10976

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

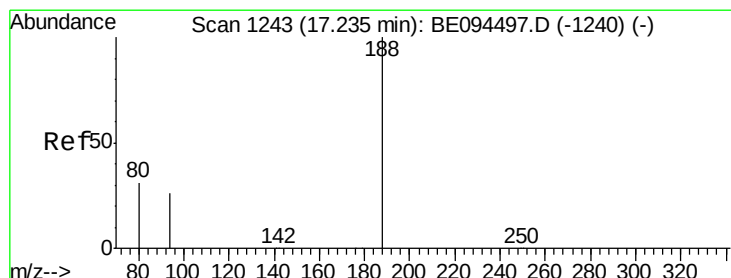
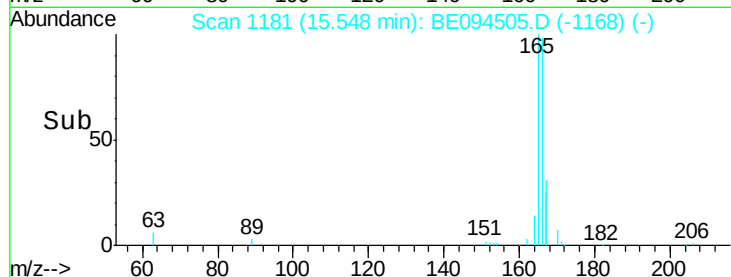
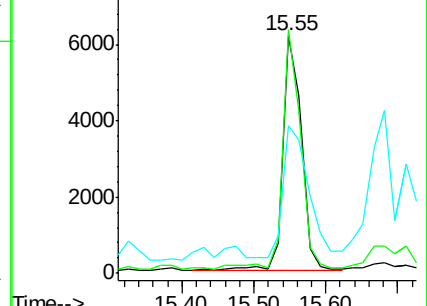
167 79.0 42.4 63.6#



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: 0.40 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

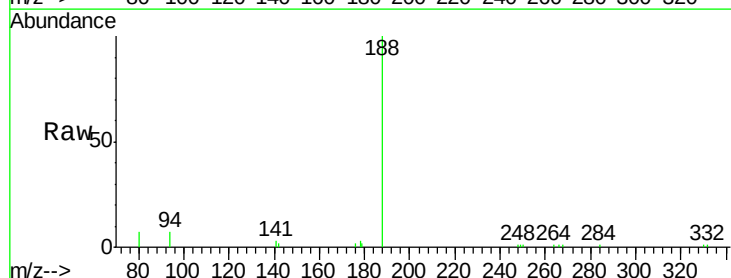
Tgt Ion:188 Resp: 13641

Ion Ratio Lower Upper

188 100

94 7.1 3.9 5.9#

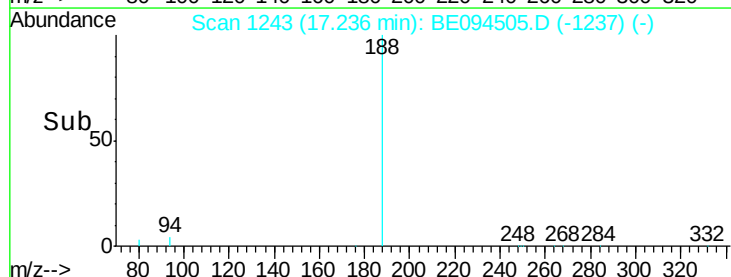
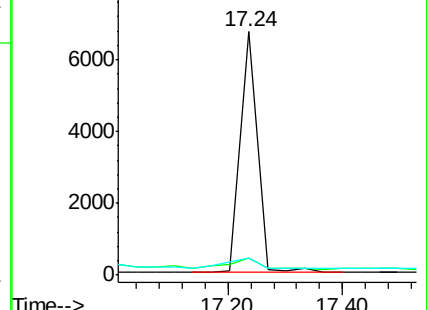
80 6.8 3.6 5.4#

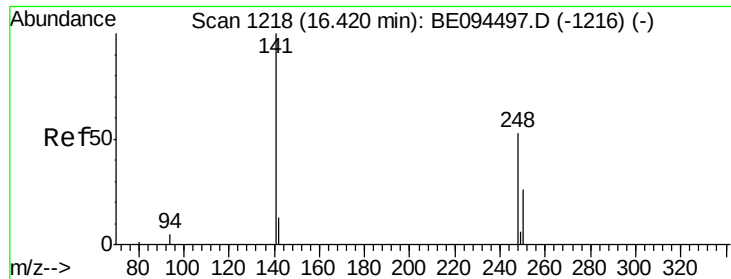


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

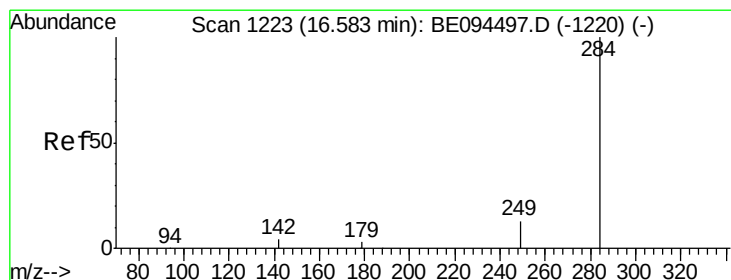
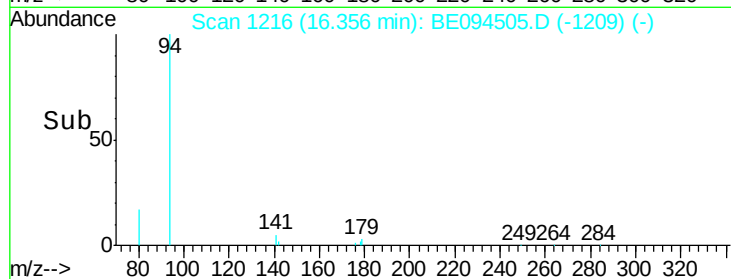
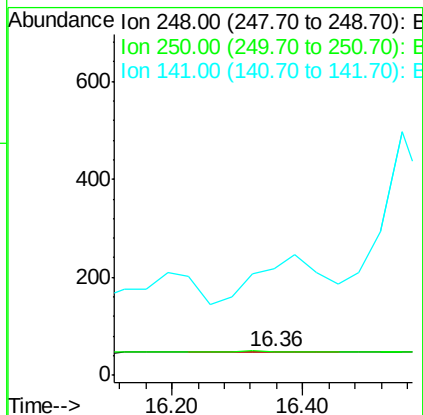
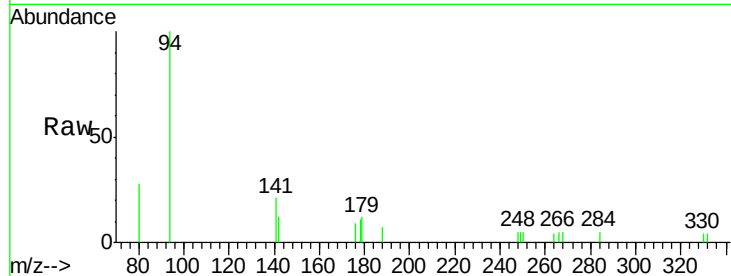




#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.36 min Scan# 1216
Delta R.T. -0.06 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

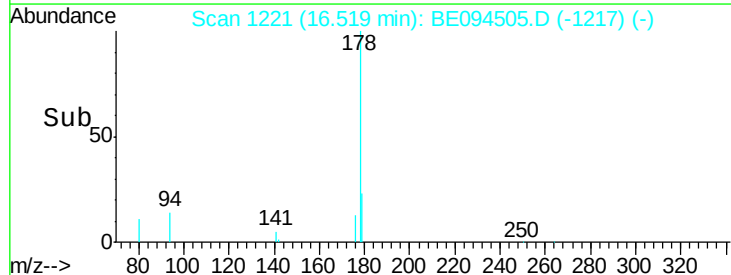
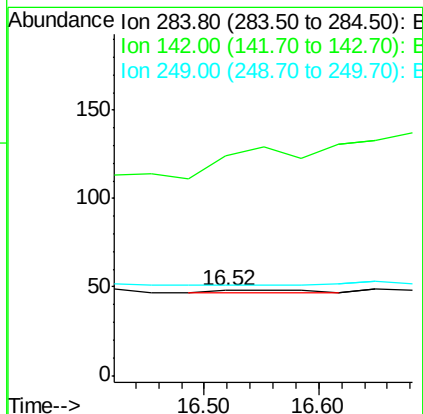
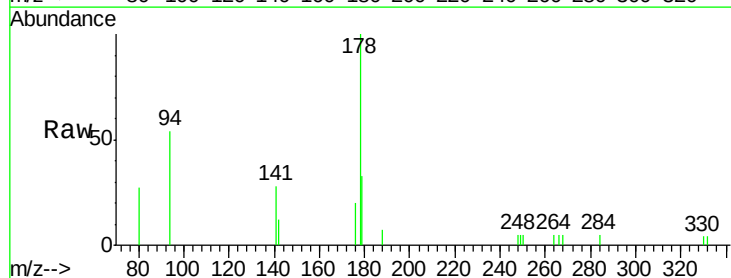
Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

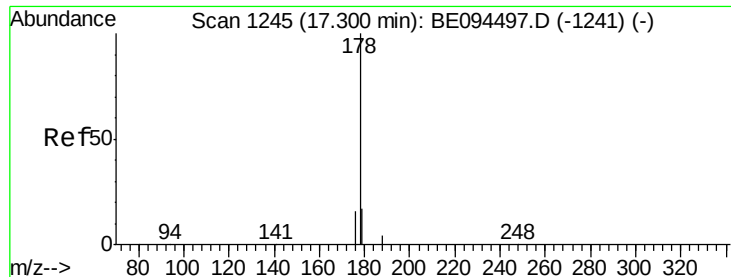
Tot Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 100.0 62.7 94.1#
141 454.2 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.52 min Scan# 1221
Delta R.T. -0.06 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#





#23

Phenanthrene

Concen: 1.01 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

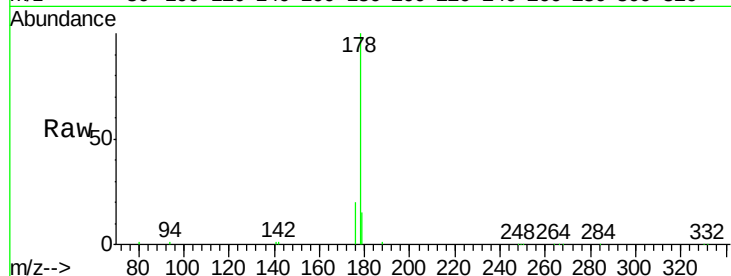
Tot Ion:178 Resp: 33333

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

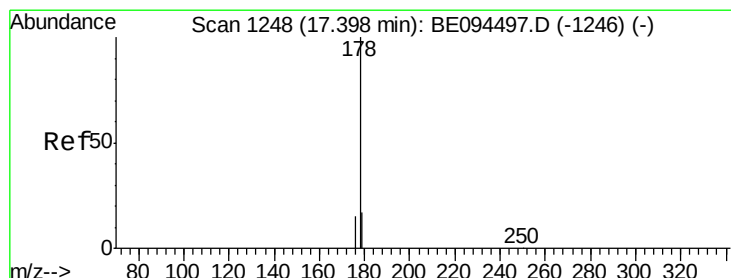
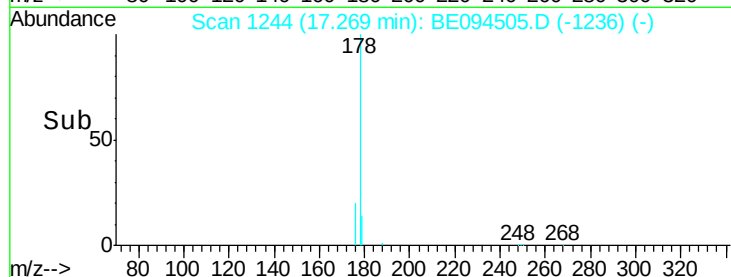
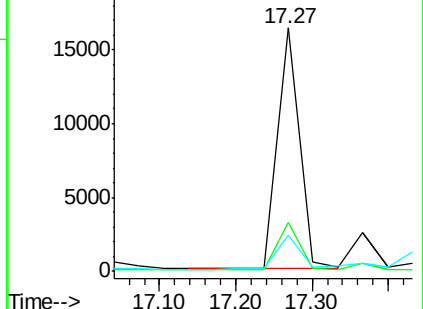
179 16.0 11.8 17.6



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: 0.15 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

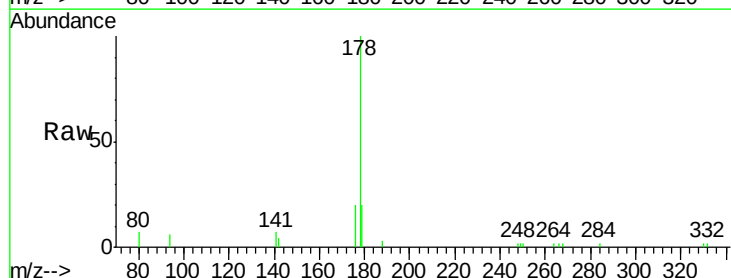
Tgt Ion:178 Resp: 5981

Ion Ratio Lower Upper

178 100

176 17.0 12.8 19.2

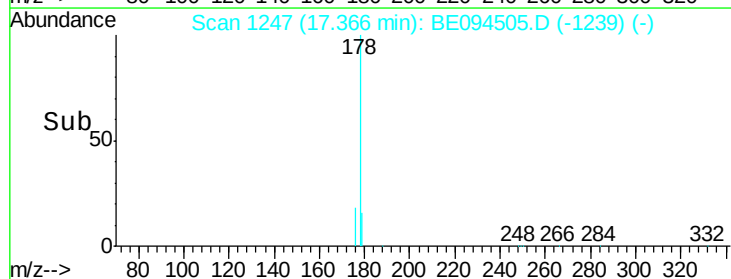
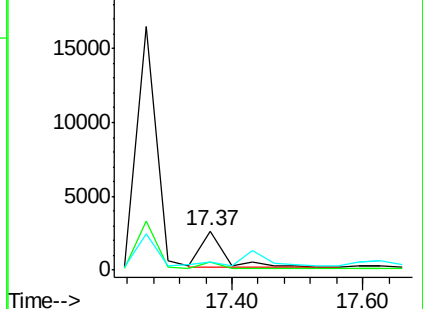
179 0.0 13.0 19.6#

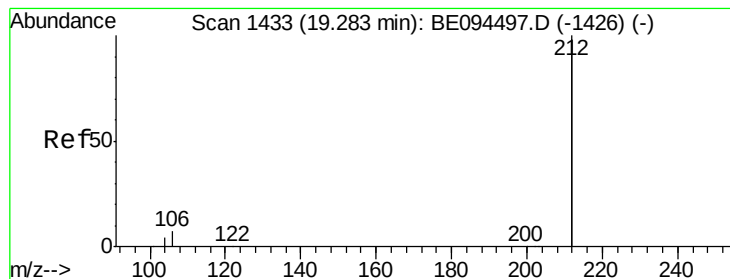


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.26 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

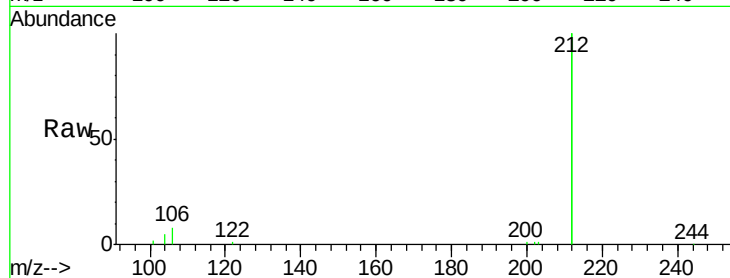
Tot Ion:212 Resp: 48659

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

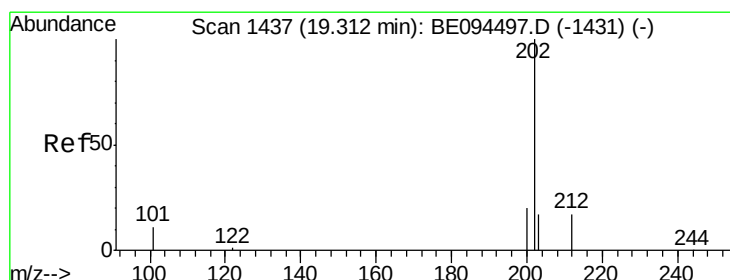
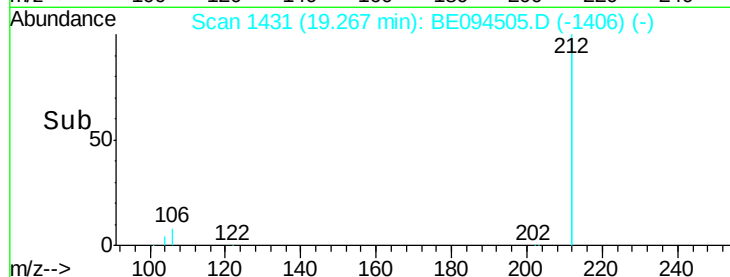
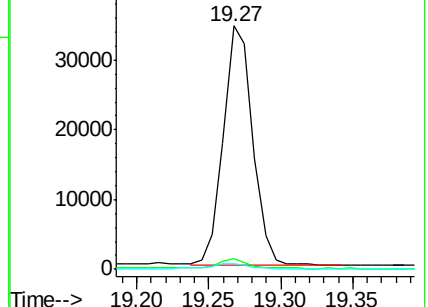
104 2.3 1.6 2.4



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: 0.06 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

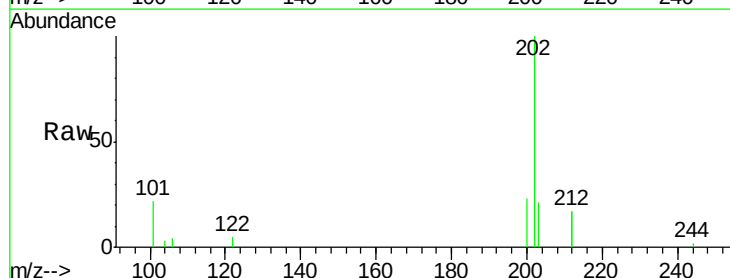
Tgt Ion:202 Resp: 5915

Ion Ratio Lower Upper

202 100

101 13.7 9.8 14.8

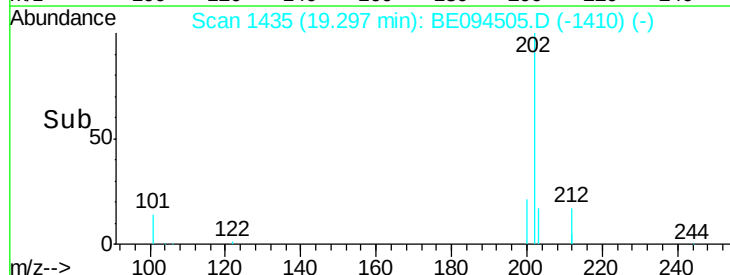
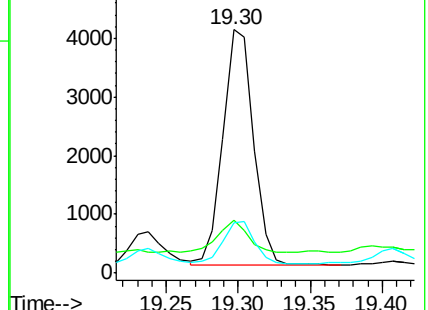
203 19.0 13.7 20.5

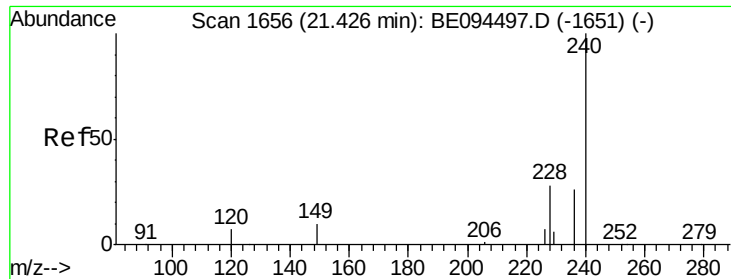


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

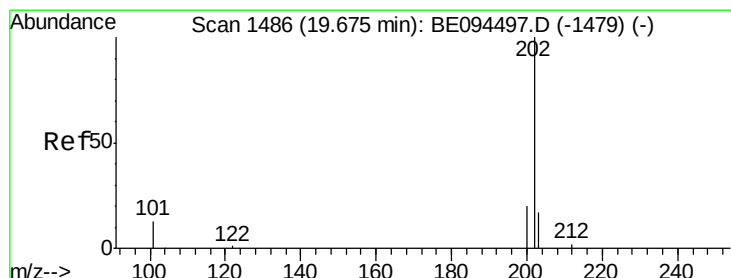
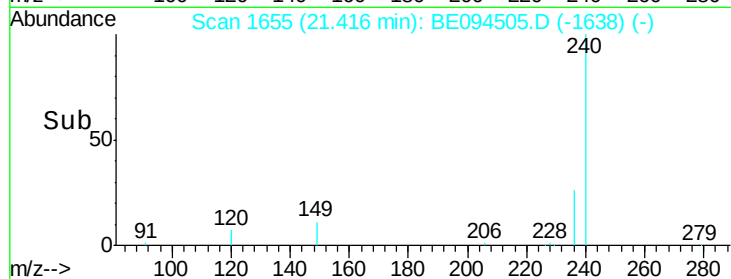
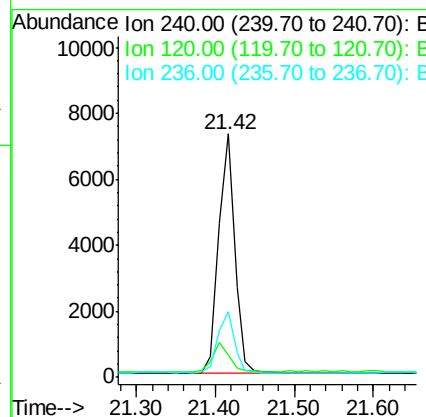
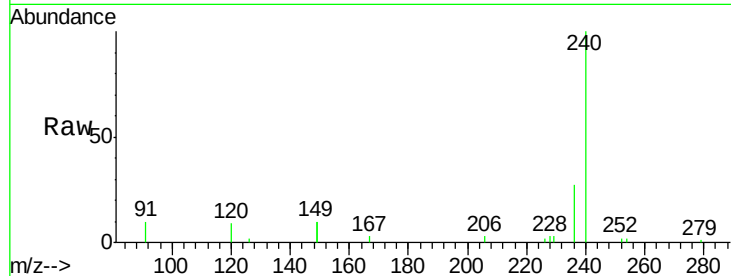




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

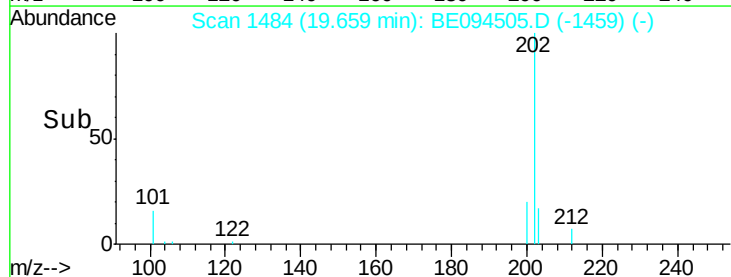
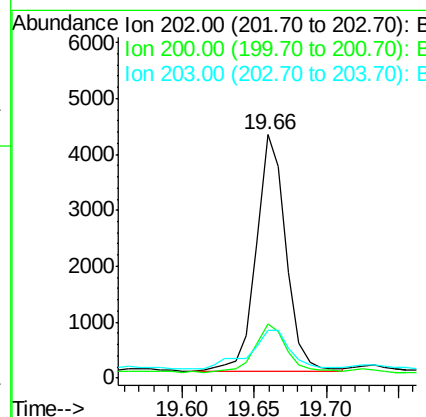
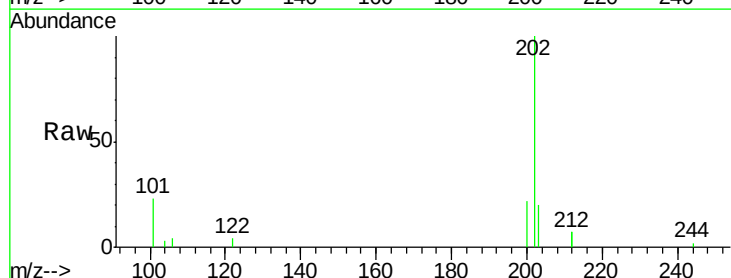
Instrument :
BNA_E
ClientSampleId :
20170722-C-A-COMP1

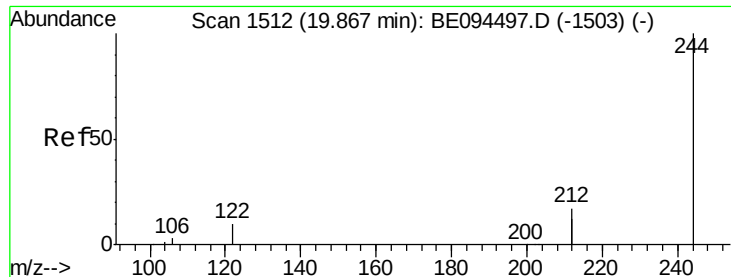
Tot Ion:240 Resp: 10412
Ion Ratio Lower Upper
240 100
120 9.2 5.5 8.3#
236 27.0 20.7 31.1



#28
Pyrene
Concen: 0.17 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE094505.D
Acq: 23 Oct 2017 20:59

Tgt Ion:202 Resp: 6066
Ion Ratio Lower Upper
202 100
200 22.0 16.6 25.0
203 22.8 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.51 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.02 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

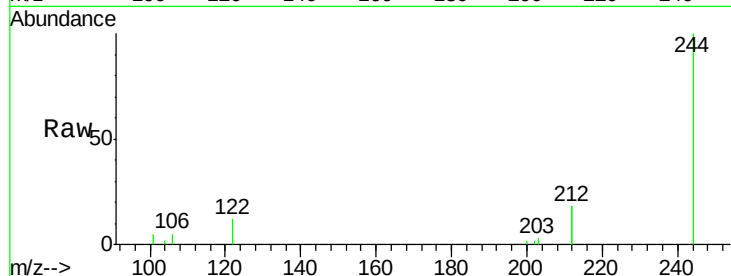
Tot Ion:244 Resp: 10059

Ion Ratio Lower Upper

244 100

212 36.7 25.4 38.0

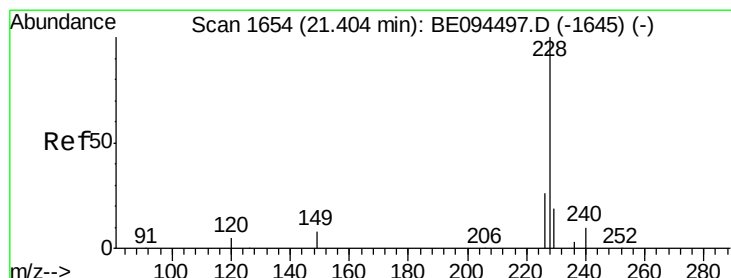
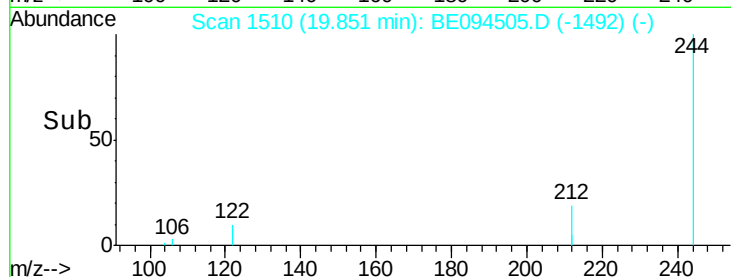
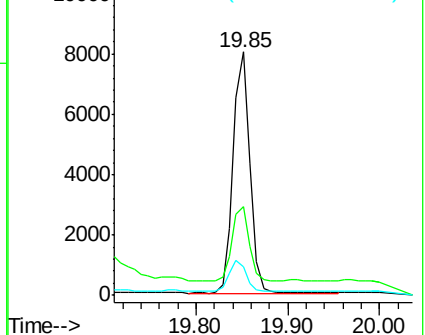
122 11.8 8.1 12.1



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: 0.02 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

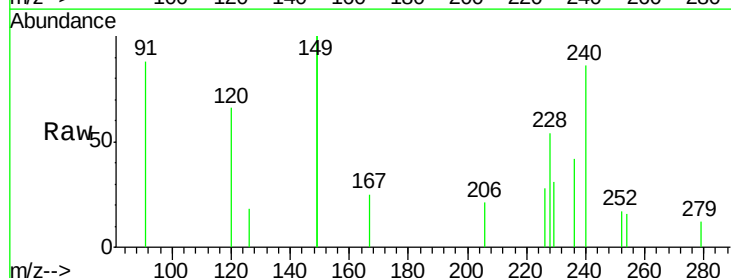
Tgt Ion:228 Resp: 604

Ion Ratio Lower Upper

228 100

226 51.0 40.0 60.0

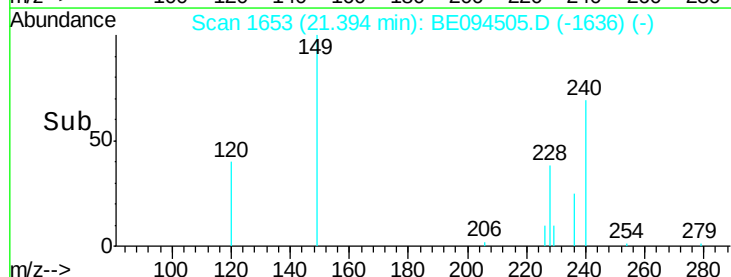
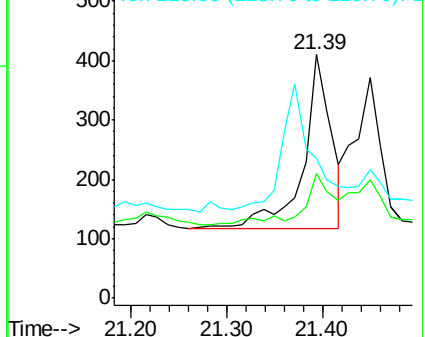
229 57.3 40.0 60.0

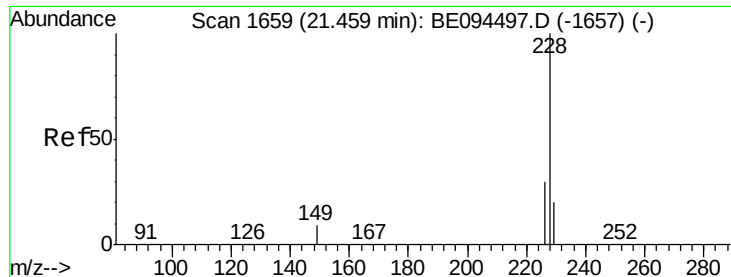


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.01 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

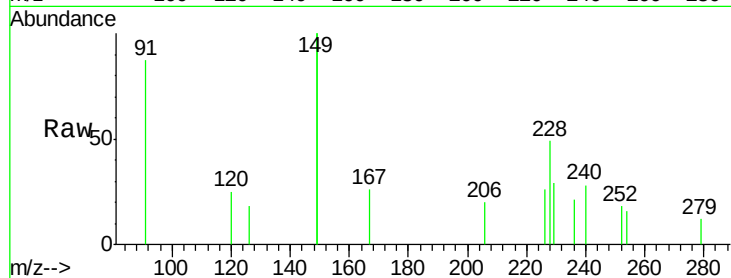
Tot Ion:228 Resp: 479

Ion Ratio Lower Upper

228 100

226 53.6 40.0 60.0

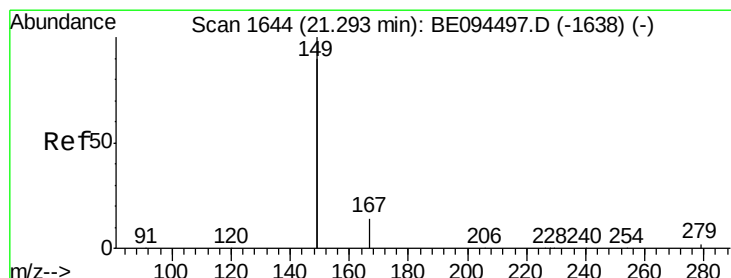
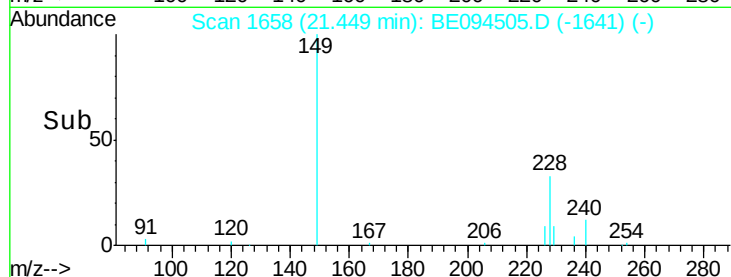
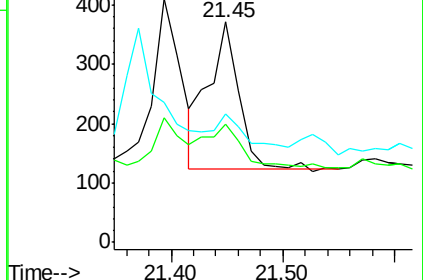
229 58.5 40.0 60.0



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: 0.09 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

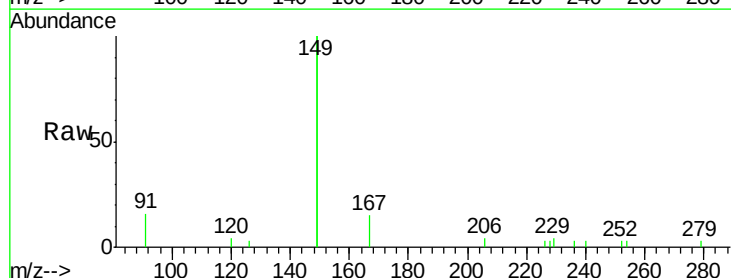
Tgt Ion:149 Resp: 7804

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

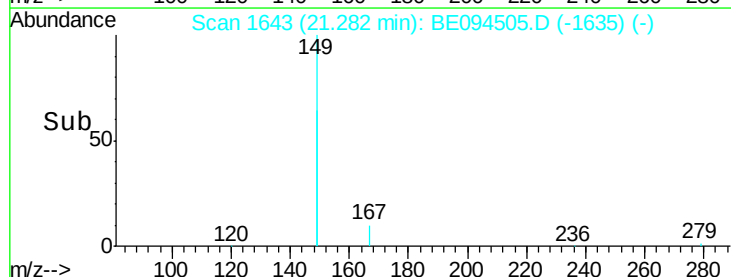
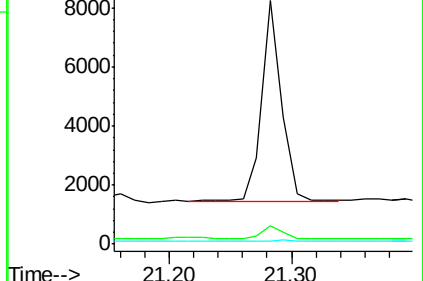
279 1.1 0.7 1.1

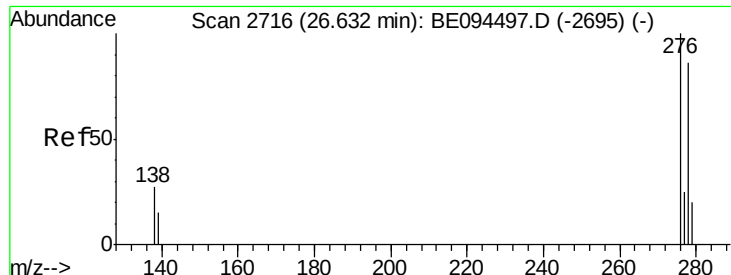


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.00 ng

RT: 26.61 min Scan# 2712

Delta R.T. -0.02 min

Lab File: BE094505.D

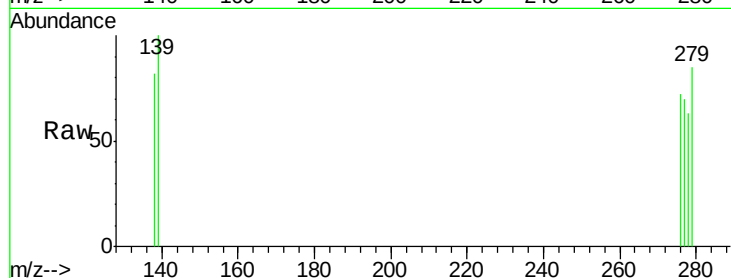
Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1



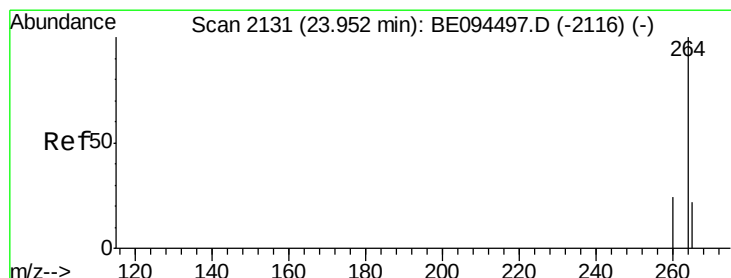
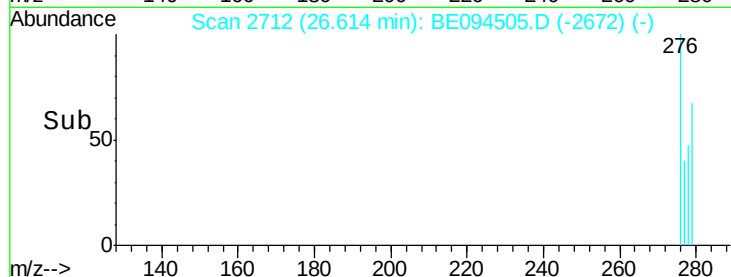
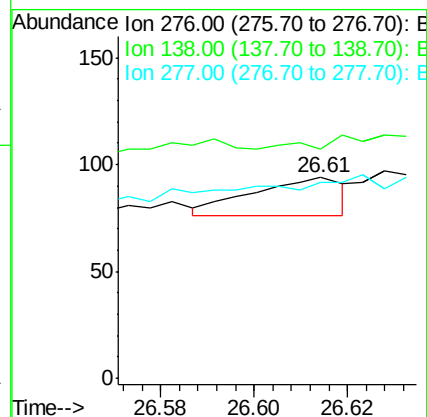
Tot Ion:276 Resp: 25

Ion Ratio Lower Upper

276 100

138 48.0 22.5 33.7#

277 0.0 19.9 29.9#



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

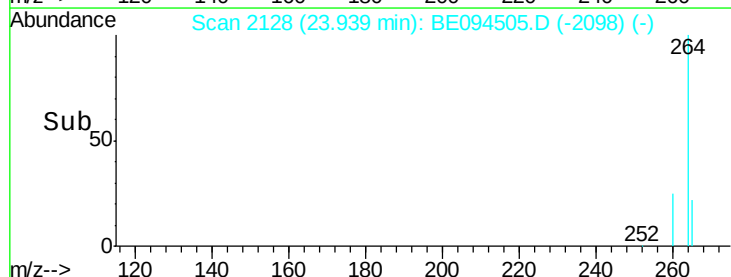
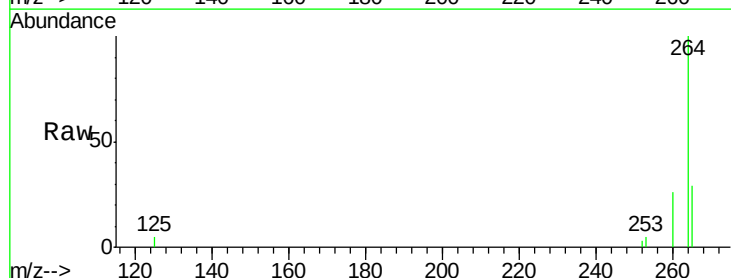
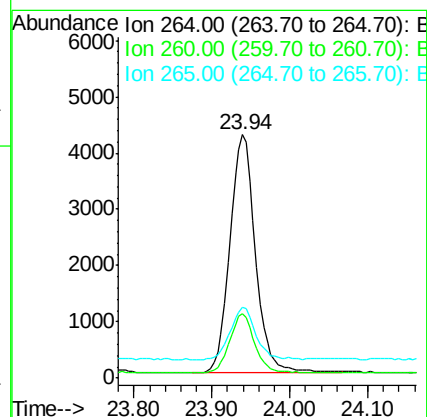
Tgt Ion:264 Resp: 9708

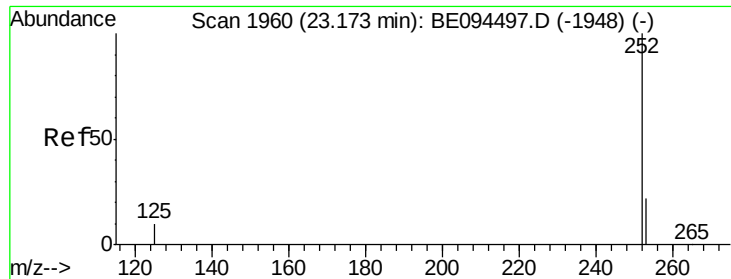
Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 28.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 23.16 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

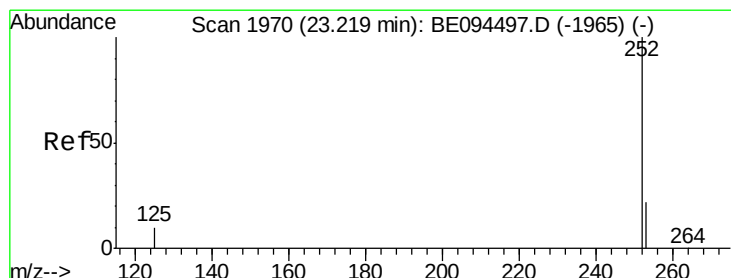
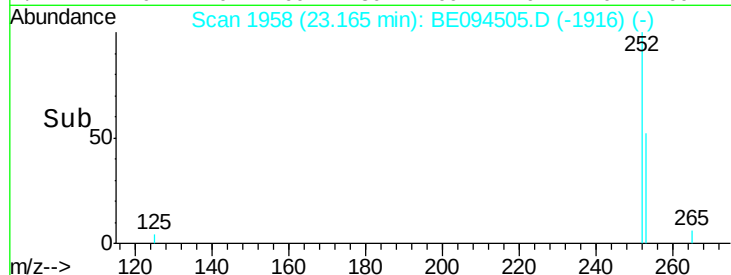
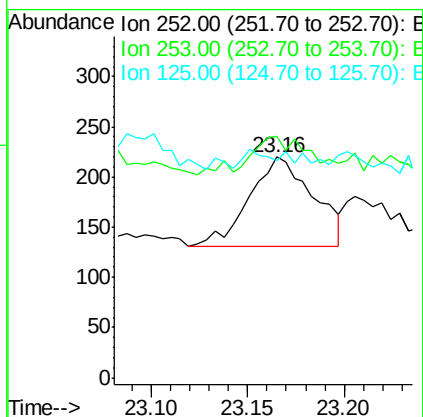
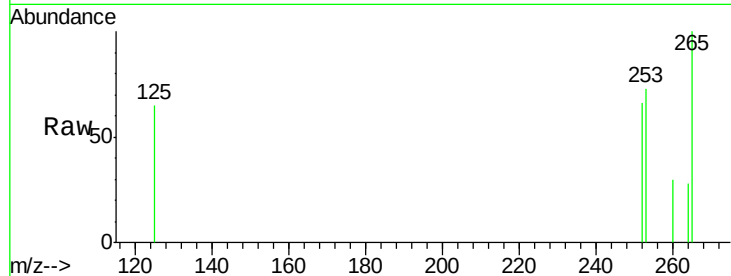
Tot Ion:252 Resp: 205

Ion Ratio Lower Upper

252 100

253 109.5 48.0 72.0#

125 98.2 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.21 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

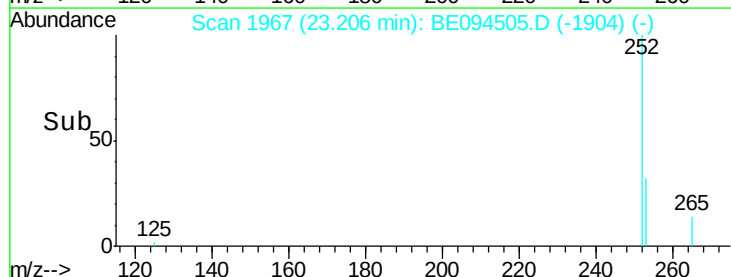
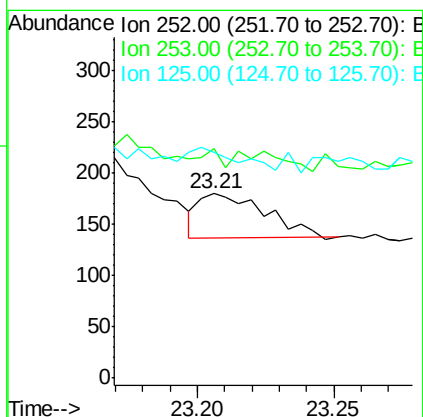
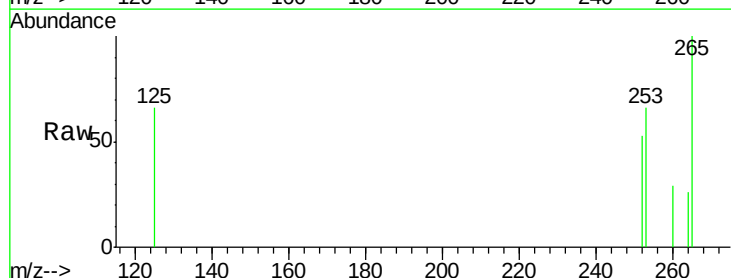
Tgt Ion:252 Resp: 72

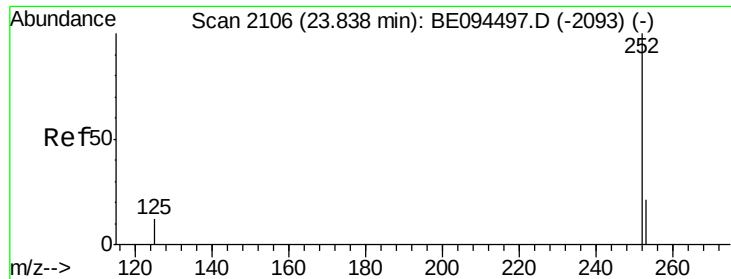
Ion Ratio Lower Upper

252 100

253 124.4 48.0 72.0#

125 122.8 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.83 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1

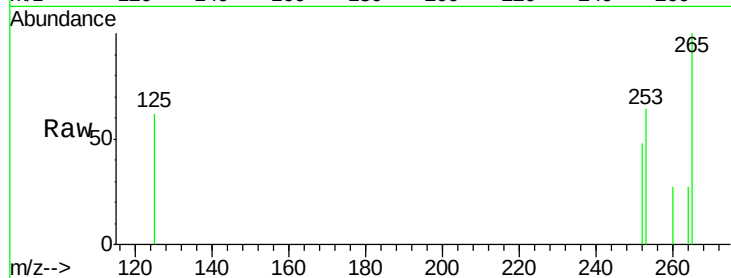
Tot Ion:252 Resp: 77

Ion Ratio Lower Upper

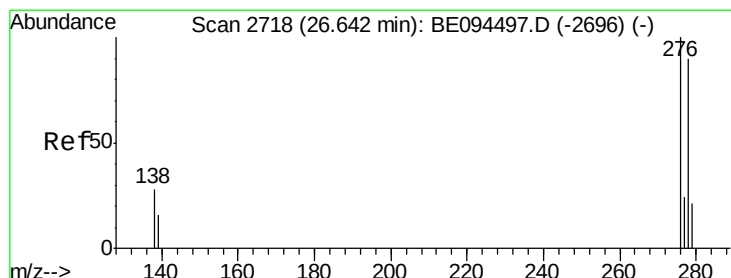
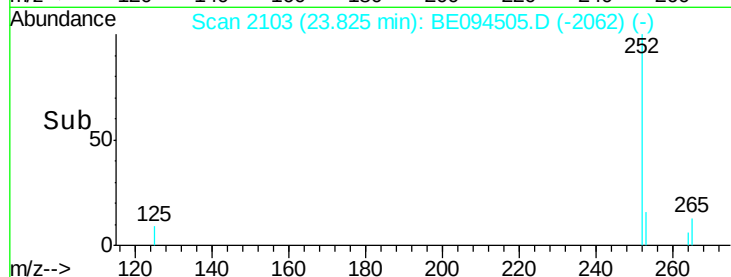
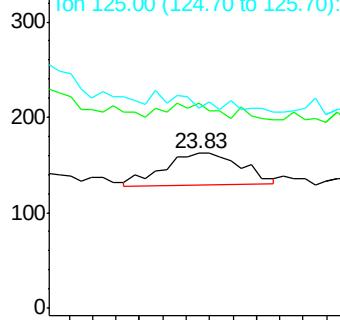
252 100

253 132.7 52.0 78.0#

125 129.0 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: 0.00 ng

RT: 26.63 min Scan# 2716

Delta R.T. -0.01 min

Lab File: BE094505.D

Acq: 23 Oct 2017 20:59

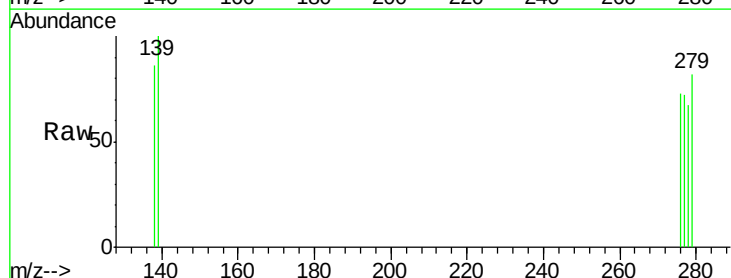
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

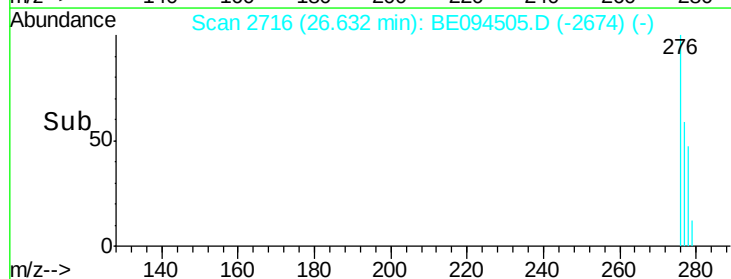
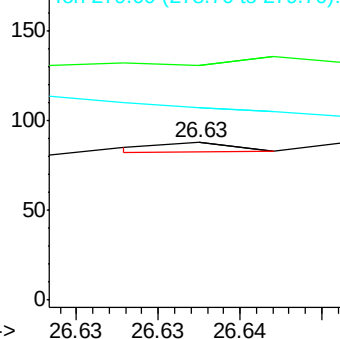
278 100

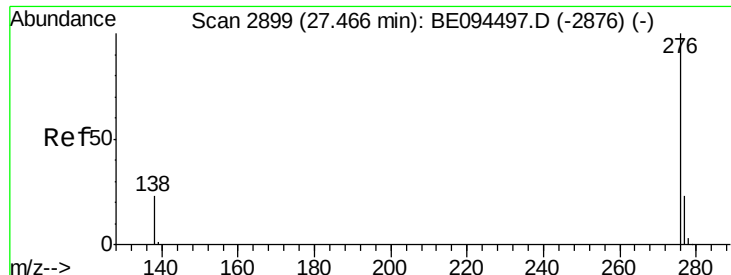
139 148.9 56.0 84.0#

279 121.6 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(a,h,i)perylene

Concen: 0.00 ng

RT: 27.44 min Scan# 2894

Delta R.T. -0.02 min

Lab File: BE094505.D

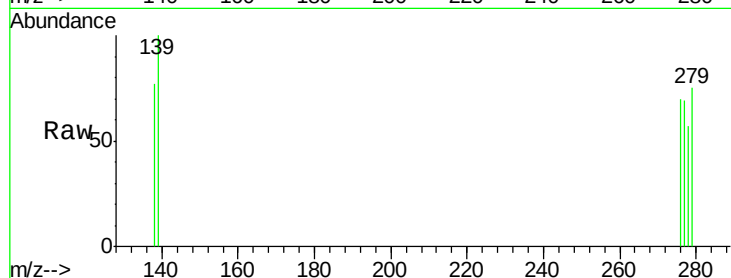
Acq: 23 Oct 2017 20:59

Instrument :

BNA_E

ClientSampleId :

20170722-C-A-COMP1



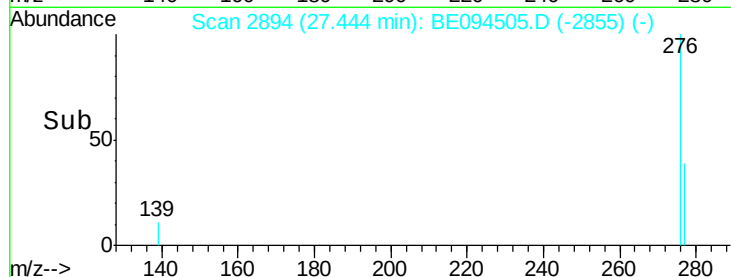
Tot Ion:276 Resp: 13

Ion Ratio Lower Upper

276 100

277 97.8 52.0 78.0#

138 109.7 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

27.44

Time-->