

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093479.D
 Acq On : 19 Jul 2017 11:39
 Operator : SJ/JU
 Sample : PB100678BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:00:29 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	5855	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	25147	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	12193	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	20122	0.40	ng	0.00
27) Chrysene-d12	21.42	240	40240	0.40	ng	-0.01
34) Perylene-d12	23.92	264	28333	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	5207	0.29	ng	0.00
5) Phenol-d6	7.10	99	6989	0.27	ng	0.00
8) Nitrobenzene-d5	9.08	82	5403	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	17330	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	595	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	14895	0.31	ng	-0.02
25) Fluoranthene-d10	19.28	212	103404	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	19252	0.27	ng	0.00

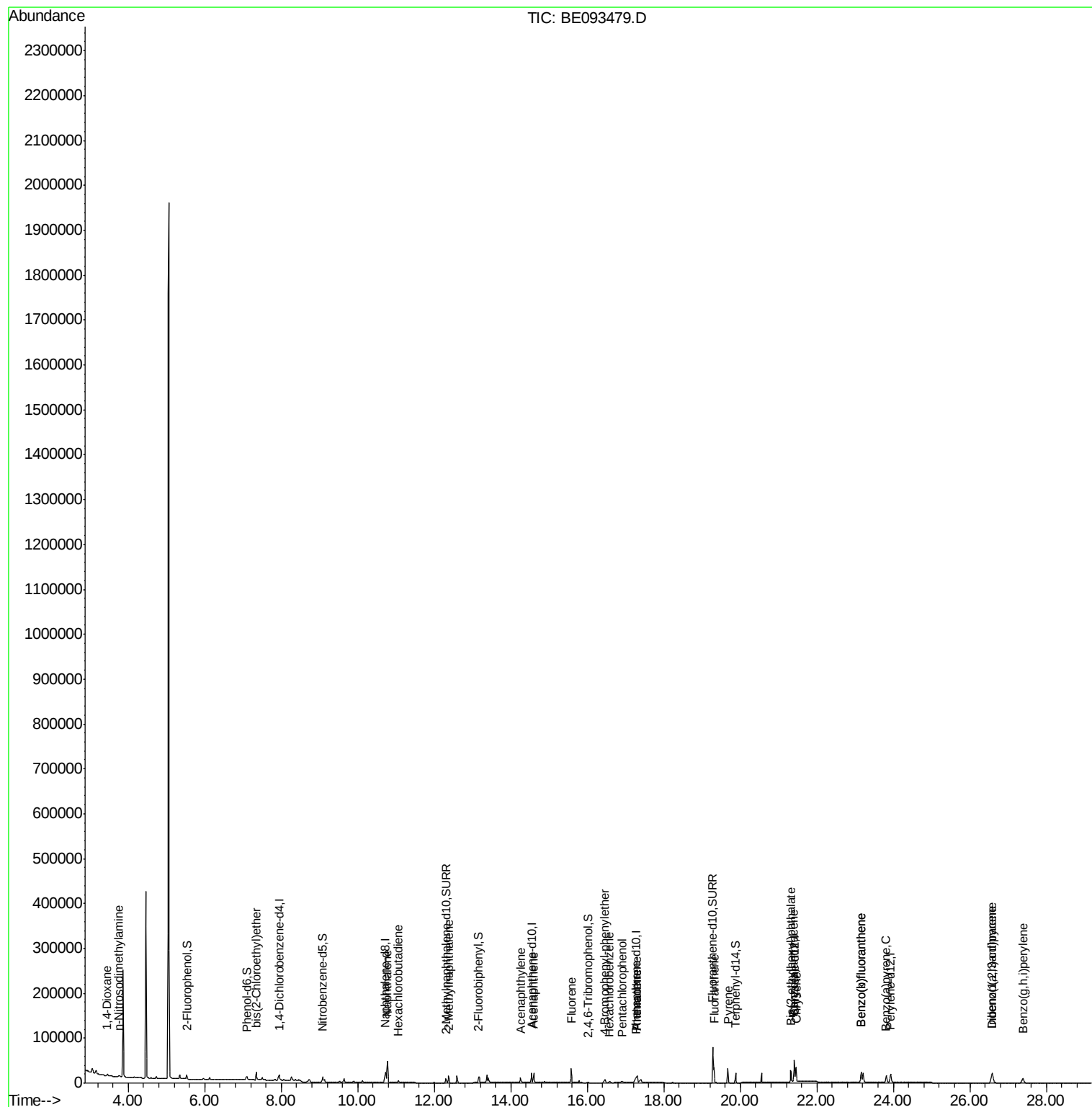
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	2411	0.195	ng	# 44
3) n-Nitrosodimethylamine	3.75	42	2682	0.420	ng	# 88
6) bis(2-Chloroethyl)ether	7.35	93	5829	0.297	ng	# 95
9) Naphthalene	10.77	128	74963	0.285	ng	# 73
10) Hexachlorobutadiene	11.06	225	2928	0.293	ng	97
12) 2-Methylnaphthalene	12.37	142	12152	0.275	ng	96
16) Acenaphthylene	14.26	152	13695	0.270	ng	# 88
17) Acenaphthene	14.60	154	10583	0.284	ng	98
18) Fluorene	15.58	166	13506	0.265	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	5280	0.478	ng	# 1
21) Hexachlorobenzene	16.58	284	4670	0.392	ng	# 100
22) Pentachlorophenol	16.91	266	1981	1.164	ng	# 80
23) Phenanthrene	17.30	178	24208	0.331	ng	95
24) Anthracene	17.30	178	25152	0.561	ng	# 92
26) Fluoranthene	19.31	202	29924	0.435	ng	99
28) Pyrene	19.67	202	29499	0.261	ng	# 98
30) Benzo(a)anthracene	21.41	228	31575	0.291	ng	96
31) Chrysene	21.46	228	34723	0.306	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	34037	0.218	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.57	276	30081	0.302	ng	94
35) Benzo(b)fluoranthene	23.15	252	33428	0.365	ng	# 95
36) Benzo(k)fluoranthene	23.15	252	33428	0.369	ng	95
37) Benzo(a)pyrene	23.81	252	24318	0.303	ng	# 95
38) Dibenzo(a,h)anthracene	26.59	278	26875	0.345	ng	# 90
39) Benzo(g,h,i)perylene	27.38	276	25746	0.328	ng	93

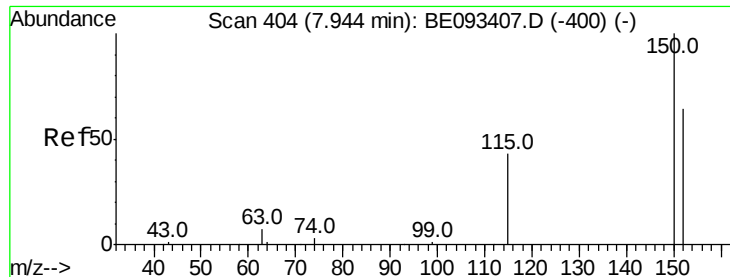
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

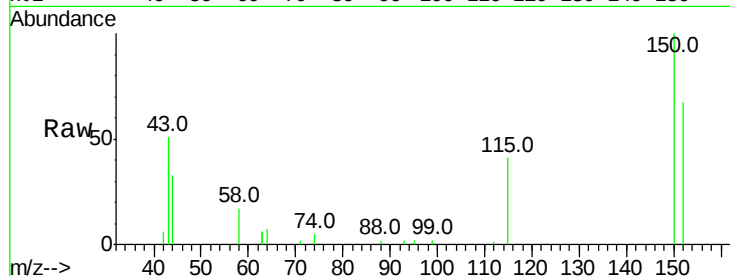
Tot Ion:152 Resp: 5855

Ion Ratio Lower Upper

152 100

150 149.3 125.1 187.7

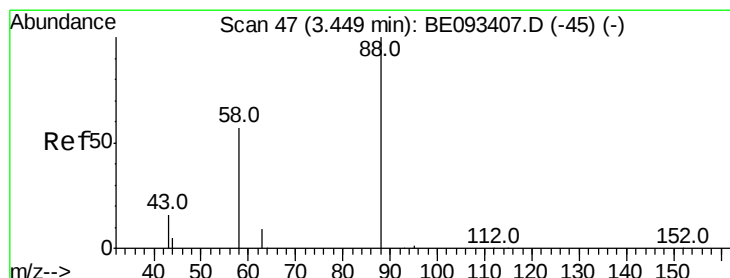
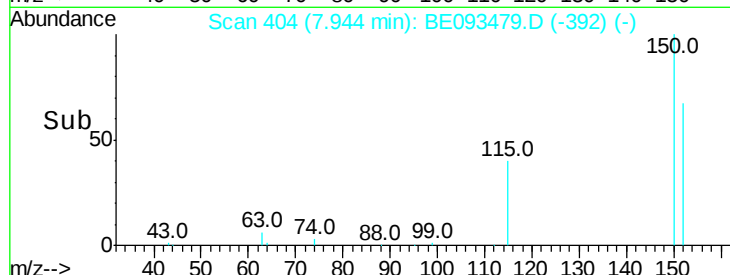
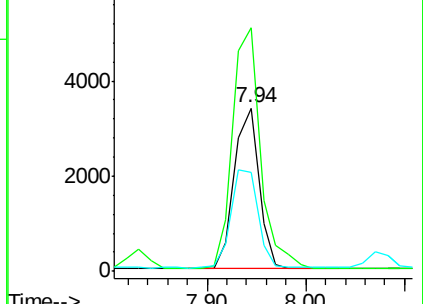
115 61.0 55.7 83.5



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: 0.195 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

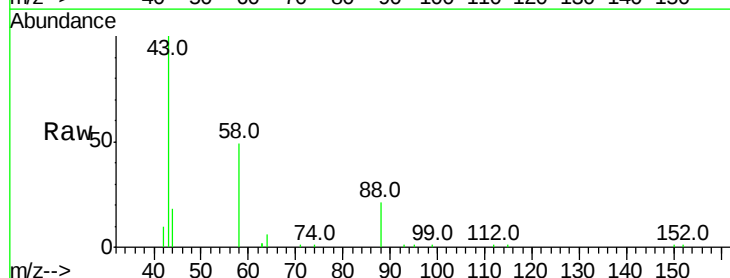
Tgt Ion: 88 Resp: 2411

Ion Ratio Lower Upper

88 100

58 126.9 62.2 93.4#

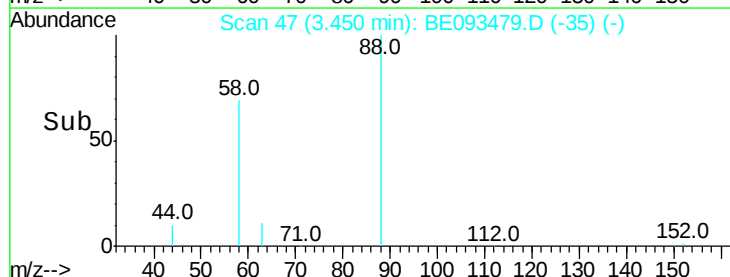
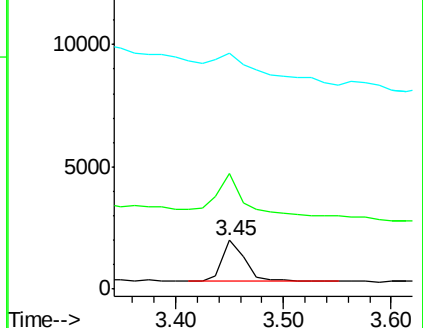
43 0.0 23.2 34.8#



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



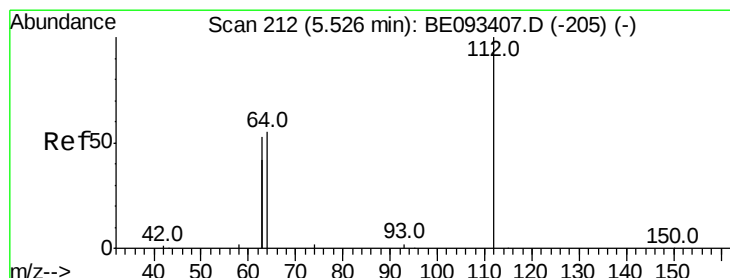
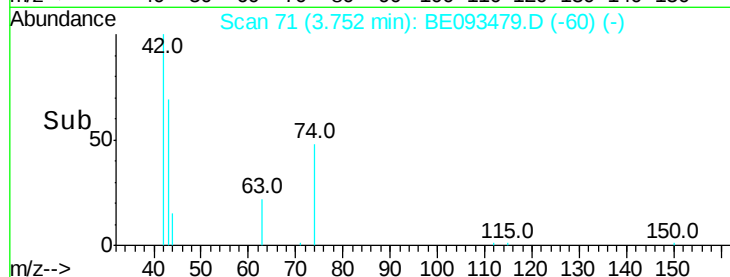
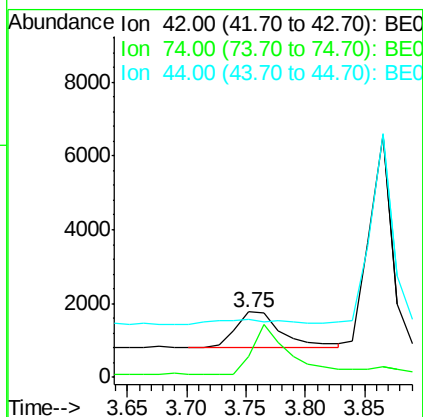
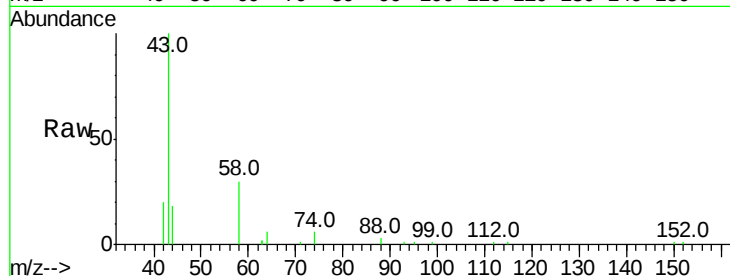


#3

n-Nitrosodimethylamine
 Concen: 0.420 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Instrument :
 BNA_E
 ClientSampled :

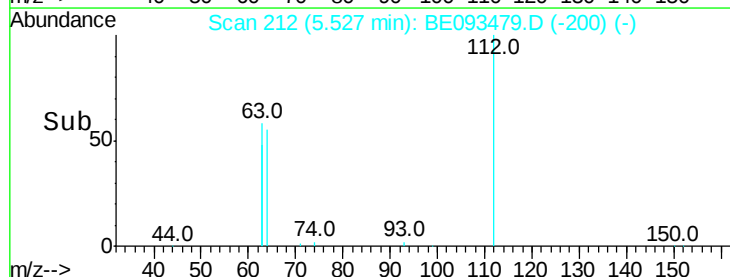
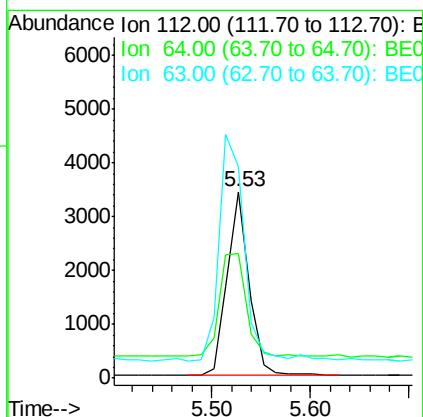
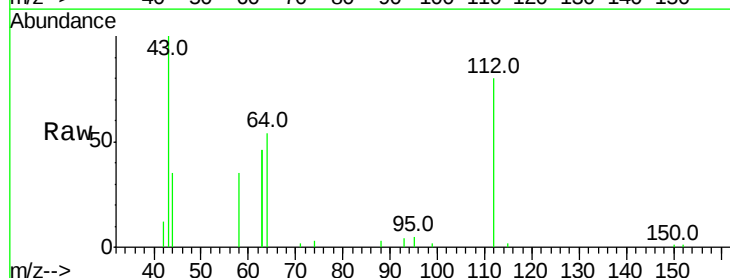
Tot Ion: 42 Resp: 2682
 Ion Ratio Lower Upper
 42 100
 74 112.2 99.1 148.7
 44 23.0 7.4 11.2#

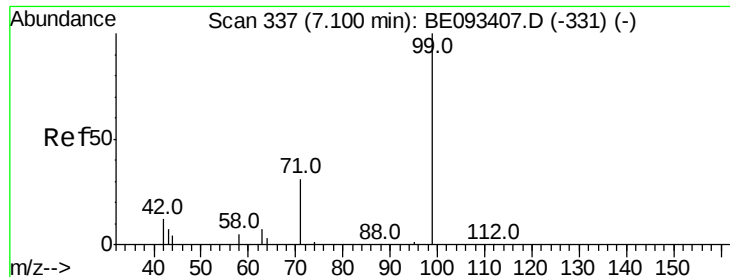


#4

2-Fluorophenol
 Concen: 0.295 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Tgt Ion: 112 Resp: 5207
 Ion Ratio Lower Upper
 112 100
 64 69.0 56.4 84.6
 63 139.5 29.3 43.9#





#5

Phenol-d6

Concen: 0.268 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampled :

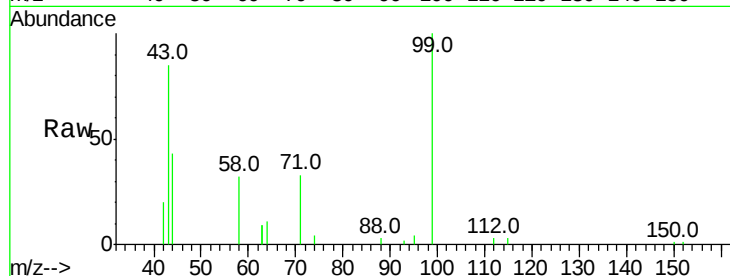
Tot Ion: 99 Resp: 6989

Ion Ratio Lower Upper

99 100

42 21.2 0.0 0.0#

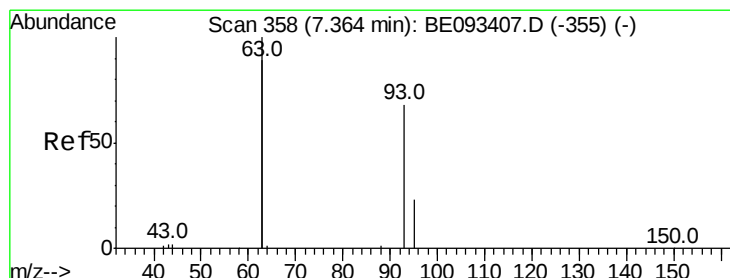
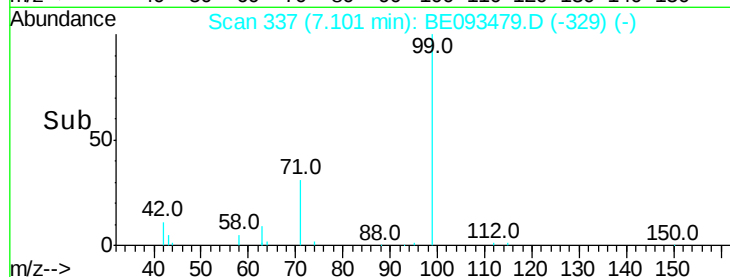
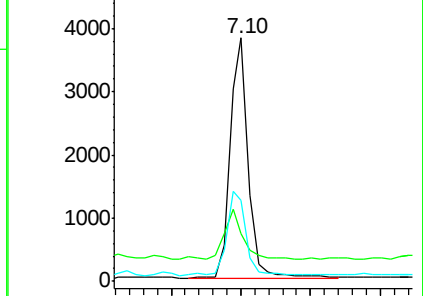
71 34.9 0.0 0.0#



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: 0.297 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

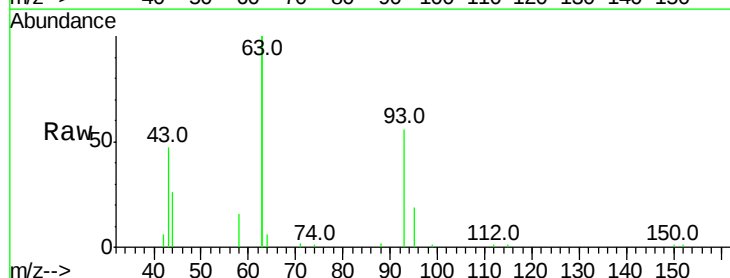
Tgt Ion: 93 Resp: 5829

Ion Ratio Lower Upper

93 100

63 352.5 0.0 0.0#

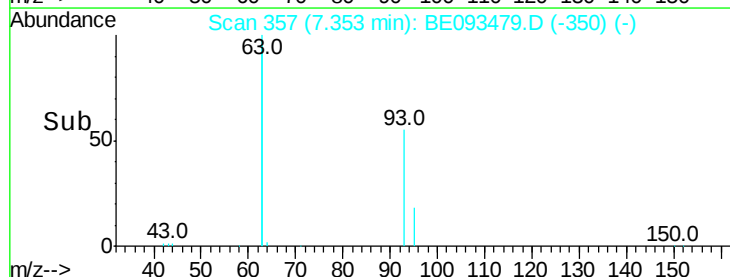
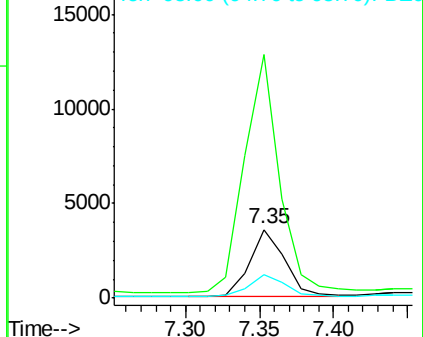
95 34.2 25.4 38.0

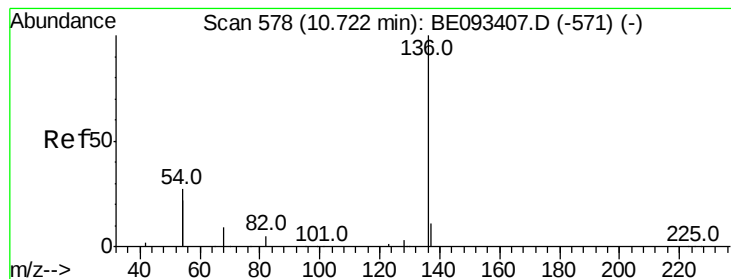


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 25147

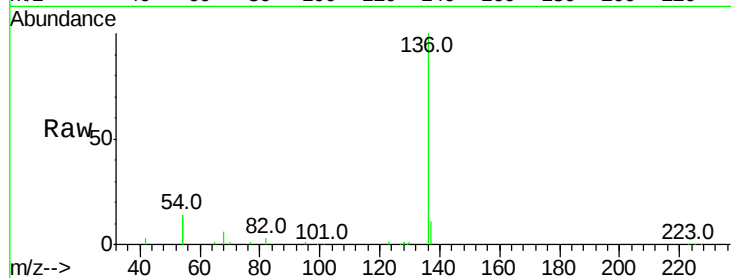
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 27.7 10.3 15.5#

68 5.9 9.0 13.4#

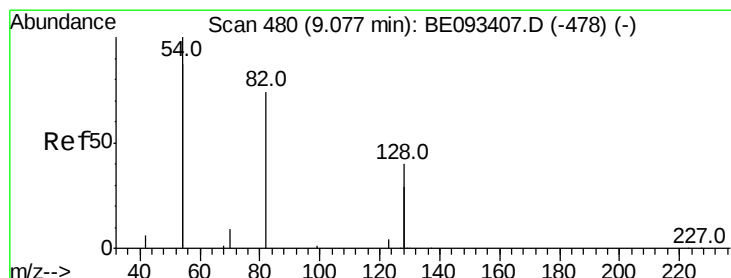
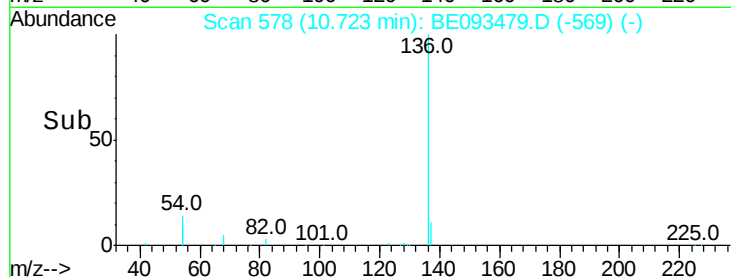
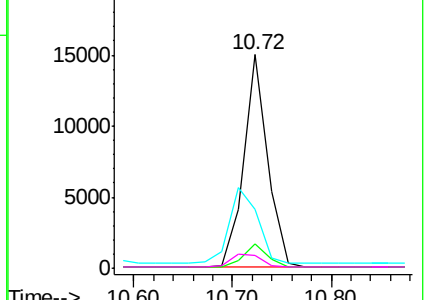


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.336 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

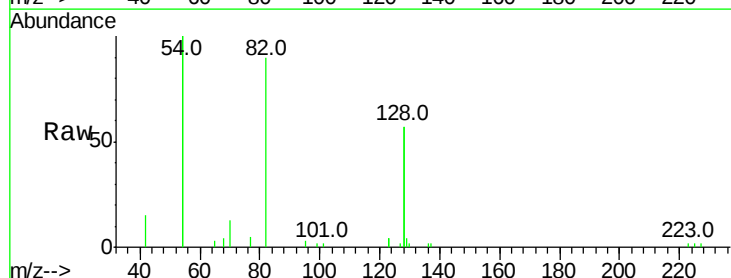
Tgt Ion: 82 Resp: 5403

Ion Ratio Lower Upper

82 100

128 125.9 17.0 25.4#

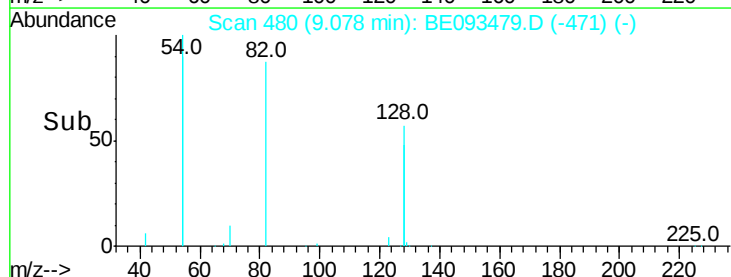
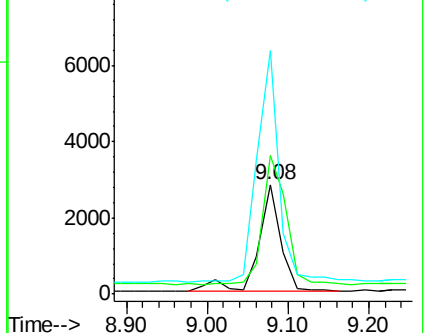
54 222.0 53.8 80.6#

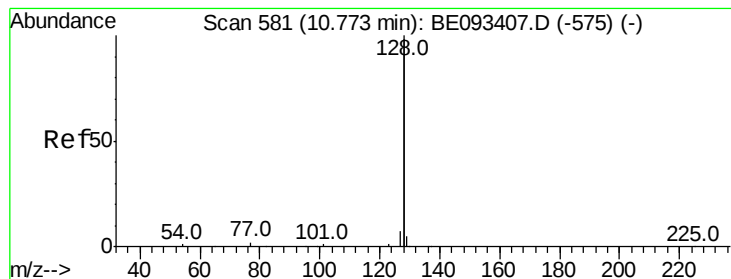


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.285 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

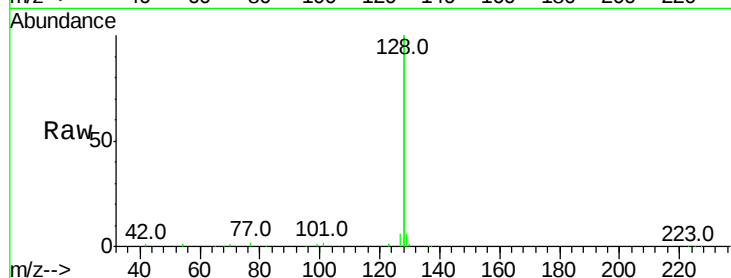
Instrument :

BNA_E

ClientSampled :

Tot Ion:128 Resp: 74963

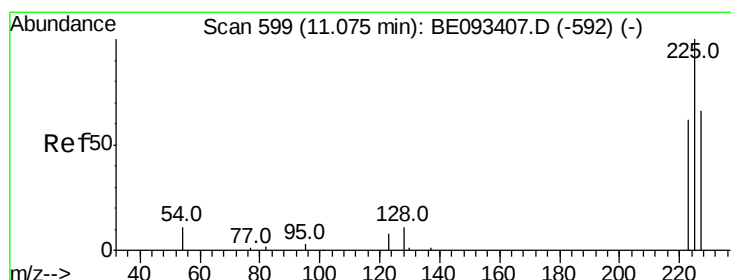
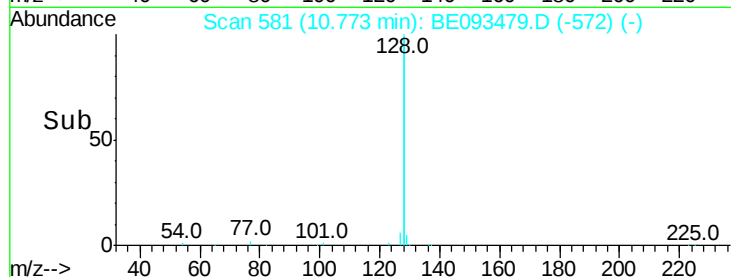
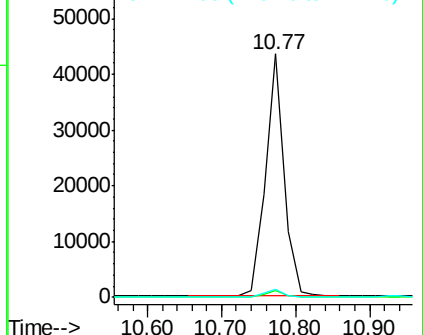
Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.2	11.2	16.8#



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: 0.293 ng

RT: 11.06 min Scan# 598

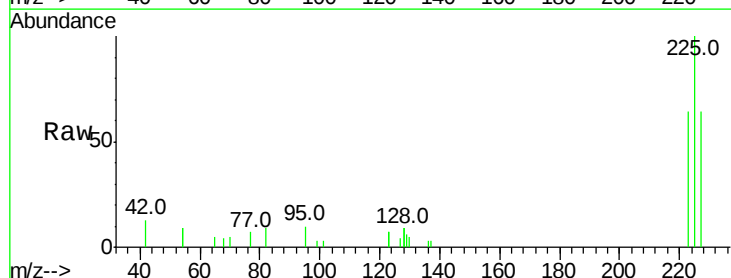
Delta R.T. -0.02 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion:225 Resp: 2928

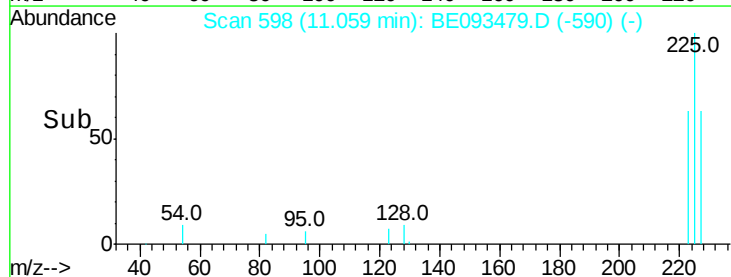
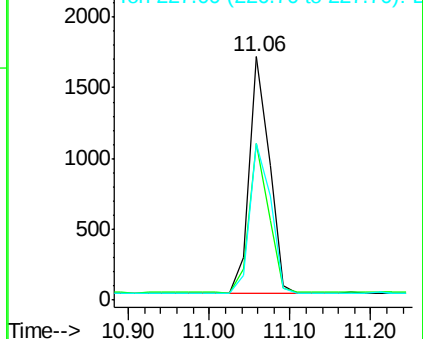
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	66.2	50.3	75.5

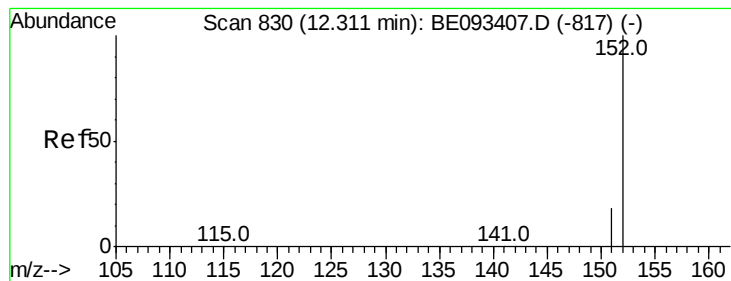


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.432 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

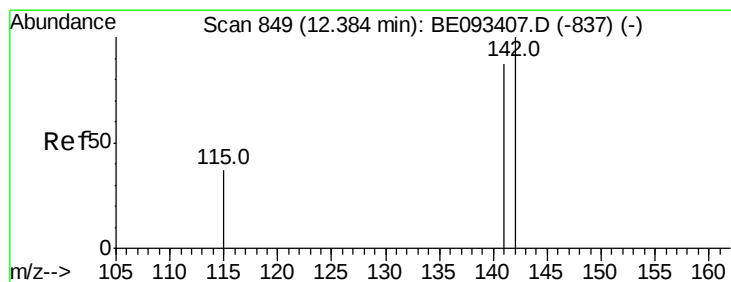
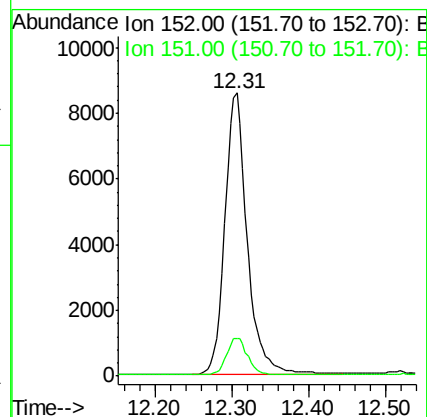
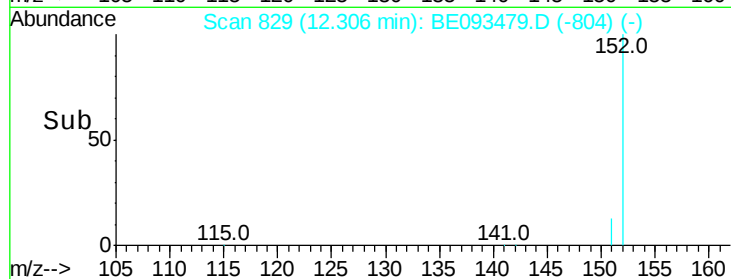
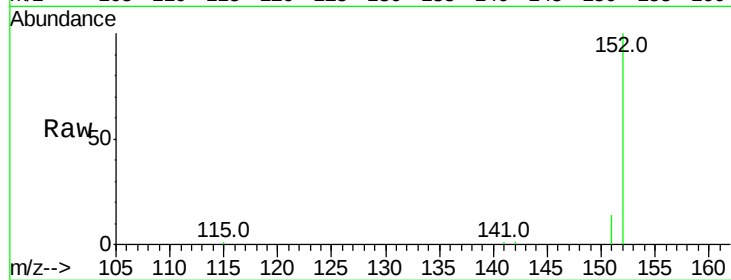
ClientSampleId :

Tot Ion:152 Resp: 17330

Ion Ratio Lower Upper

152 100

151 11.7 15.1 22.7#



#12

2-Methylnaphthalene

Concen: 0.275 ng

RT: 12.37 min Scan# 847

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

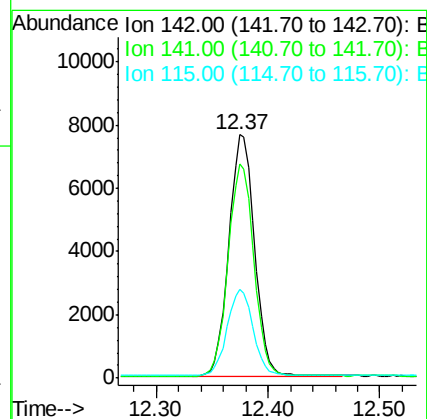
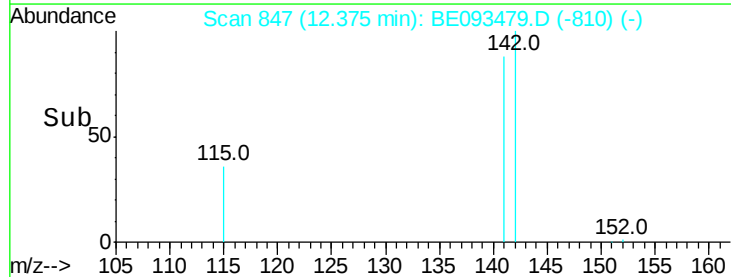
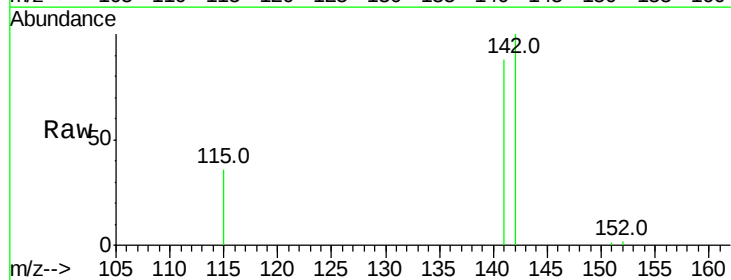
Tgt Ion:142 Resp: 12152

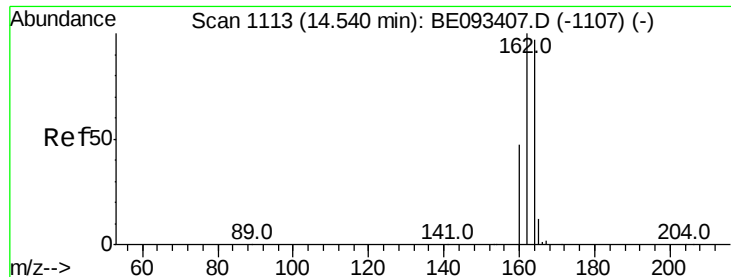
Ion Ratio Lower Upper

142 100

141 88.0 72.6 108.8

115 36.5 32.2 48.2

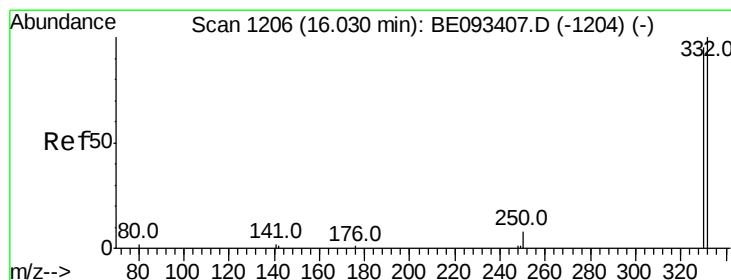
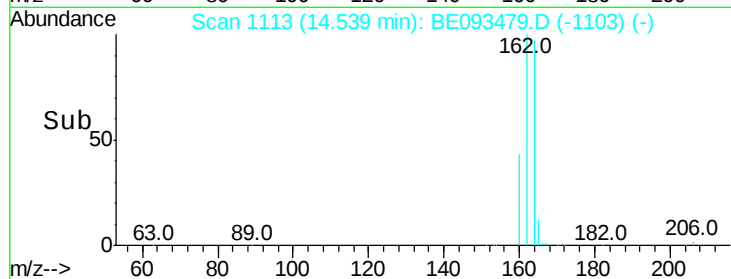
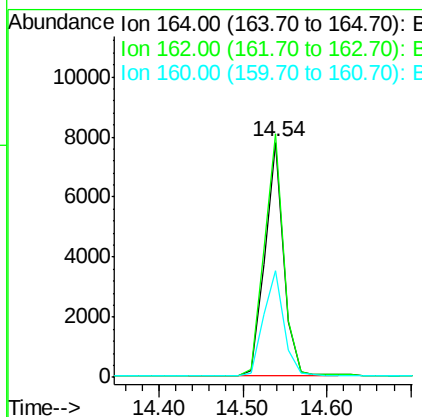
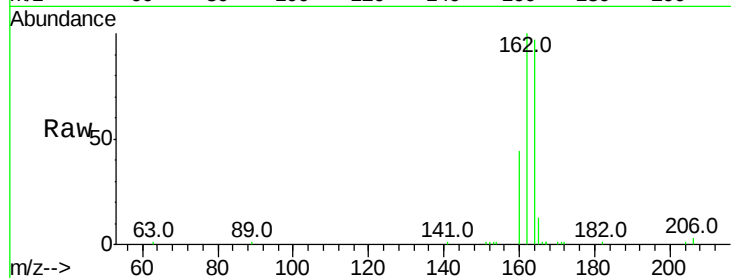




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

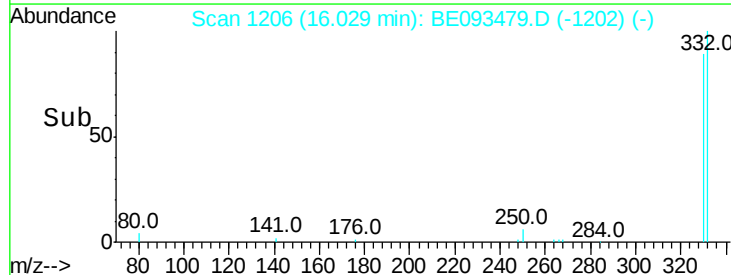
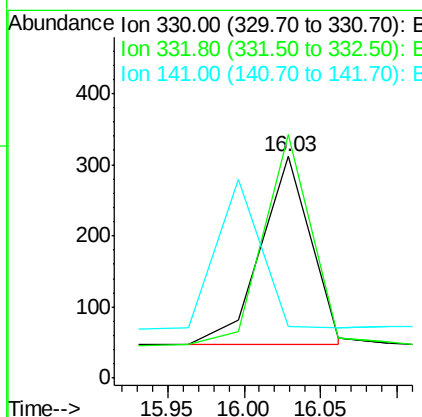
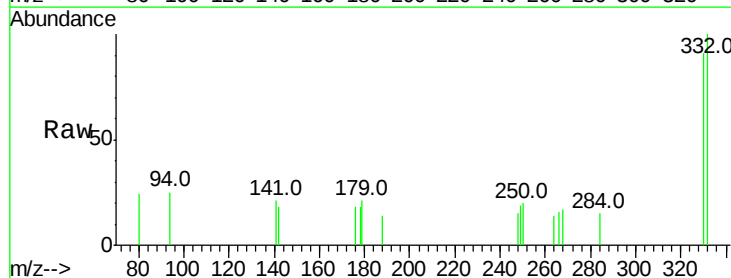
Instrument :
 BNA_E
 ClientSampleId :

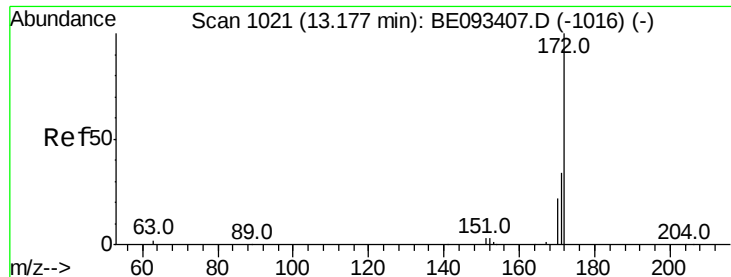
Tot Ion:164 Resp: 12193
 Ion Ratio Lower Upper
 164 100
 162 103.5 84.6 127.0
 160 45.1 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.155 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Tgt Ion:330 Resp: 595
 Ion Ratio Lower Upper
 330 100
 332 106.2 77.7 116.5
 141 0.0 56.2 84.4#

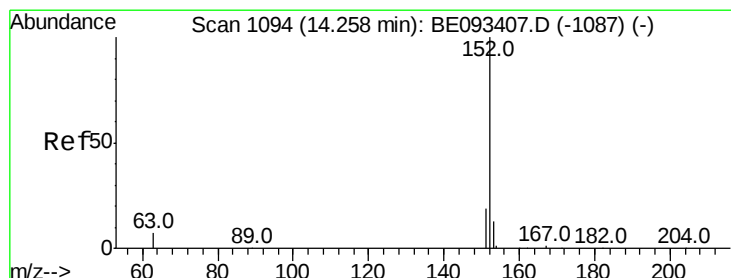
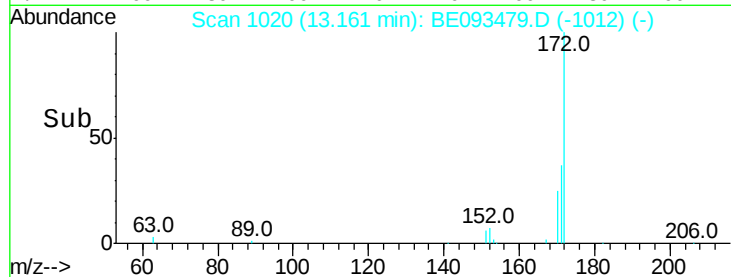
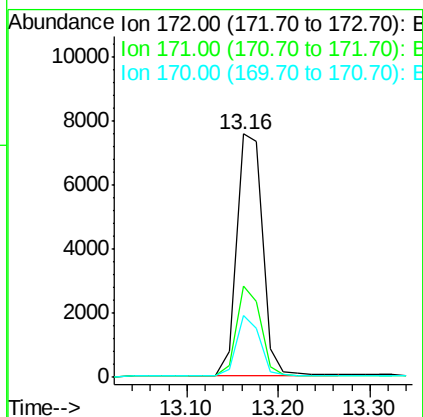
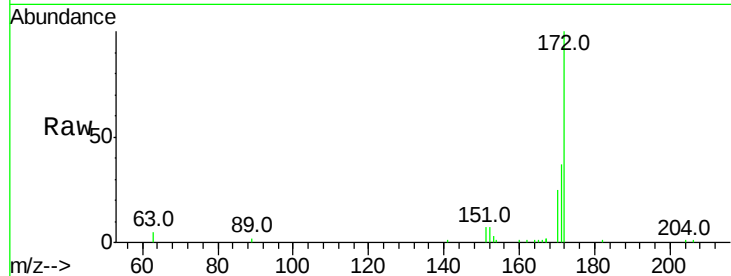




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

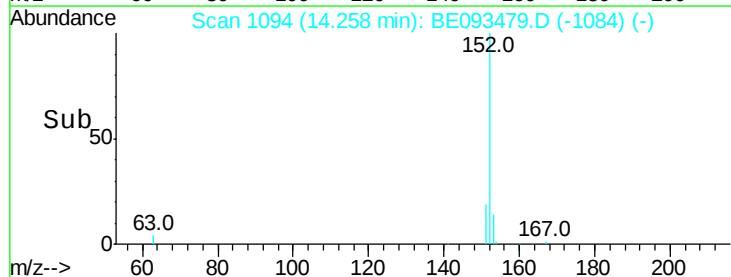
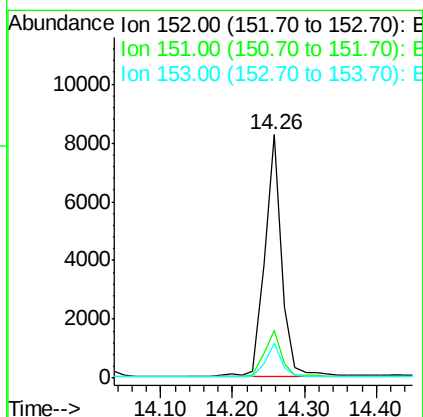
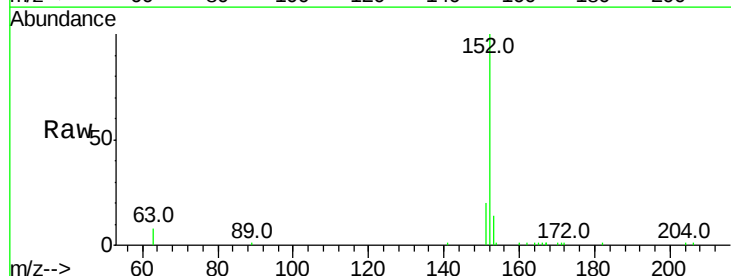
Instrument :
BNA_E
ClientSampleId :

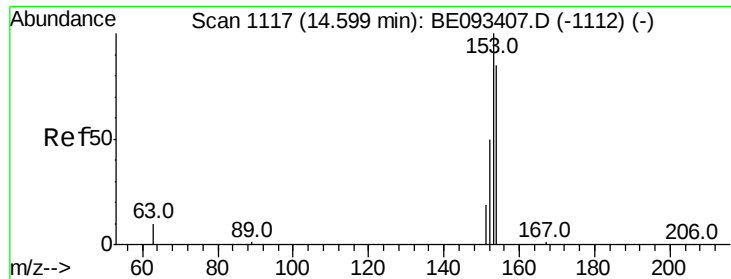
Tot Ion:172 Resp: 14895
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.270 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:152 Resp: 13695
Ion Ratio Lower Upper
152 100
151 19.2 4.0 6.0#
153 12.8 10.3 15.5

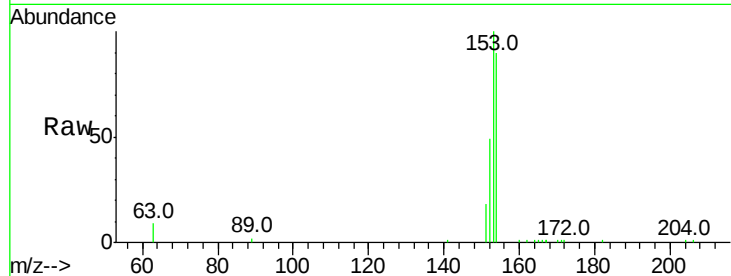




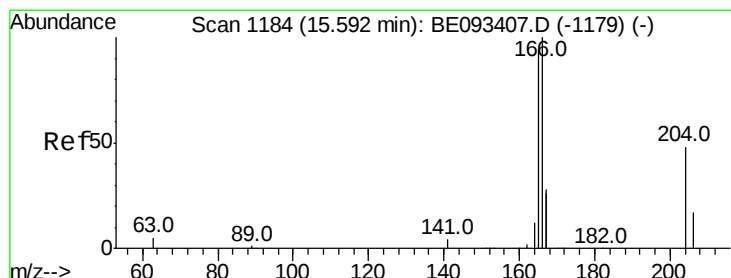
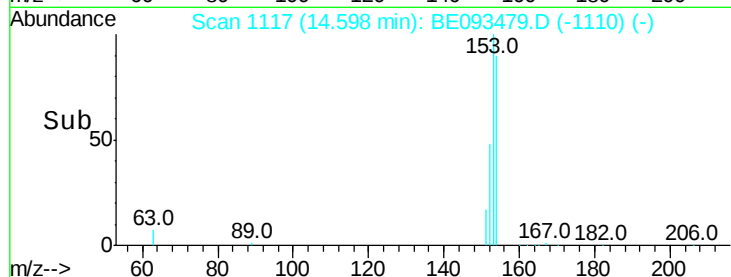
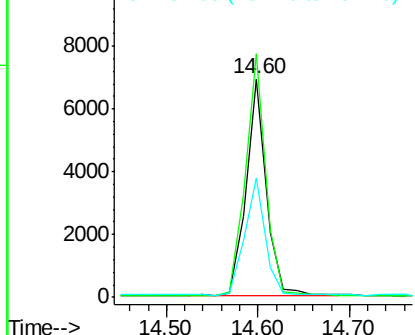
#17
Acenaphthene
Concen: 0.284 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 10583
Ion Ratio Lower Upper
154 100
153 111.9 91.2 136.8
152 54.9 44.8 67.2

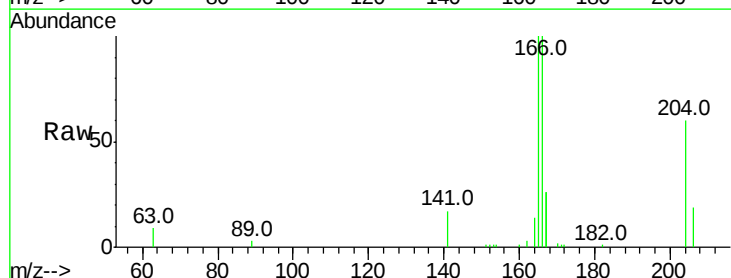


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

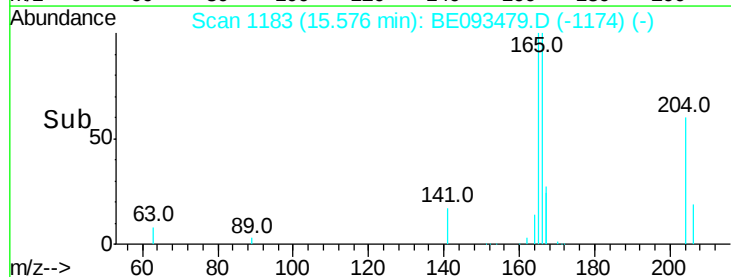
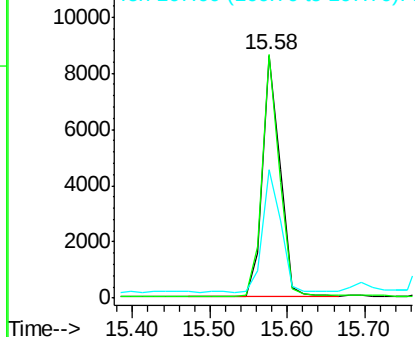


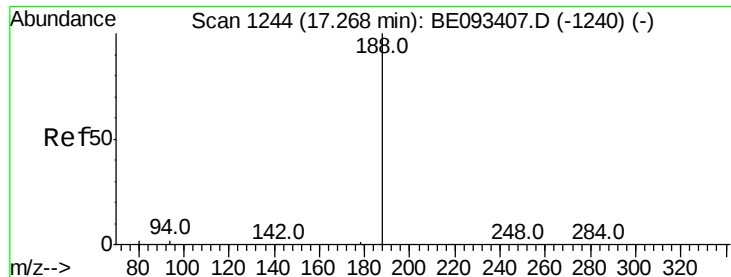
#18
Fluorene
Concen: 0.265 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:166 Resp: 13506
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 52.6 11.1 16.7#



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: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

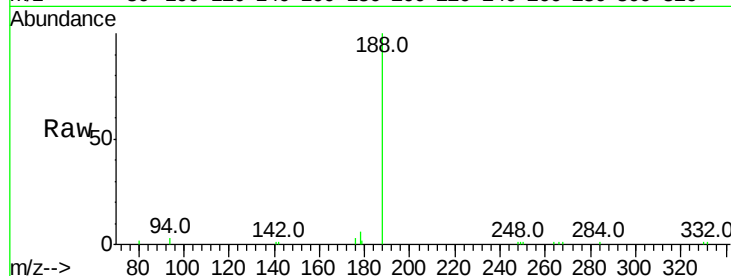
Tot Ion:188 Resp: 20122

Ion Ratio Lower Upper

188 100

94 2.9 11.3 16.9#

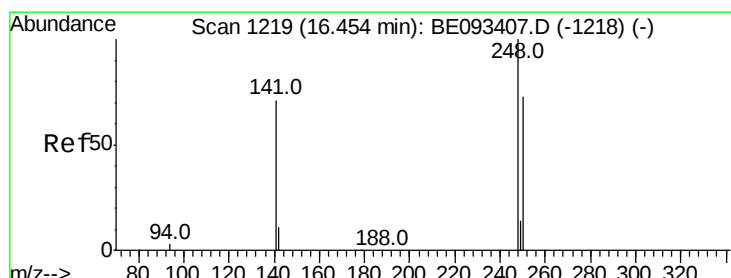
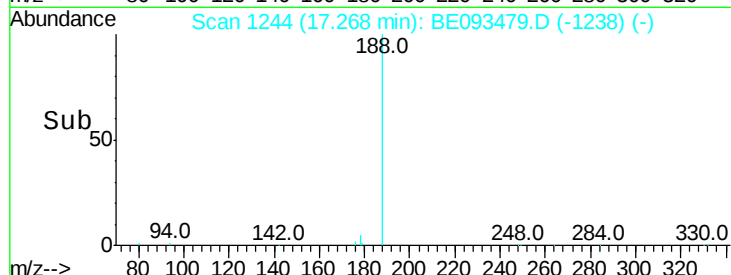
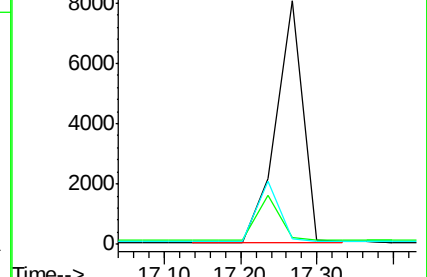
80 2.4 11.7 17.5#



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: 0.478 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

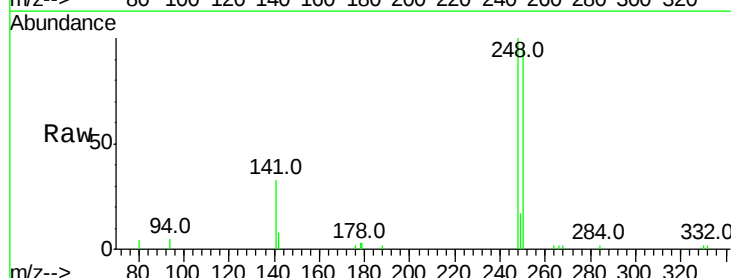
Tgt Ion:248 Resp: 5280

Ion Ratio Lower Upper

248 100

250 96.0 40.8 61.2#

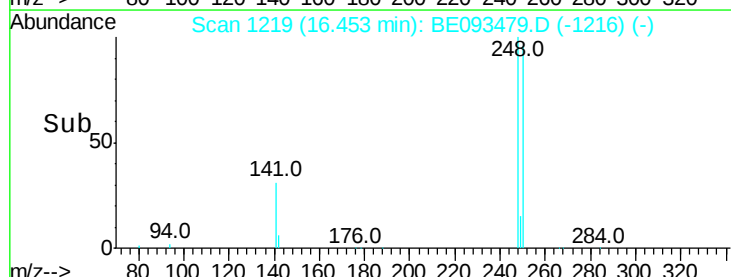
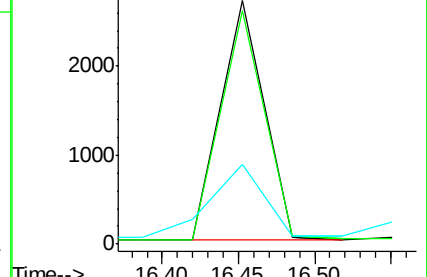
141 32.8 161.6 242.4#

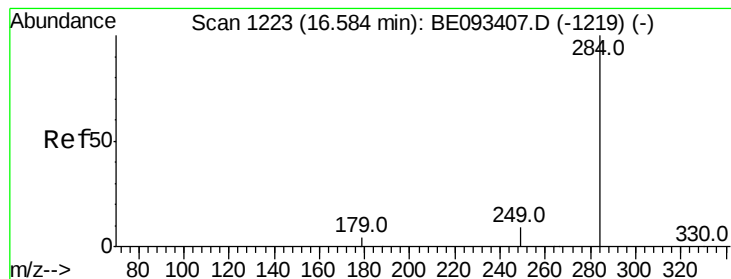


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.392 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

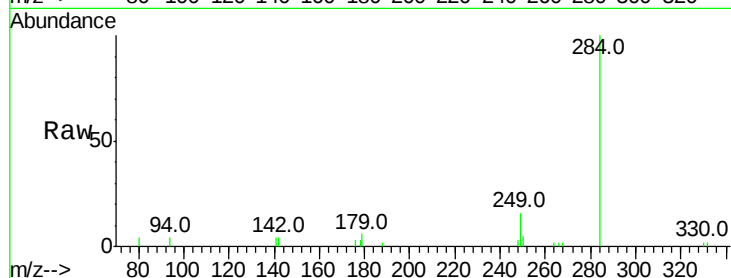
Tot Ion:284 Resp: 4670

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

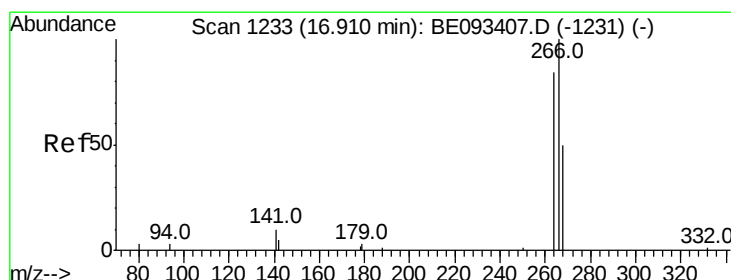
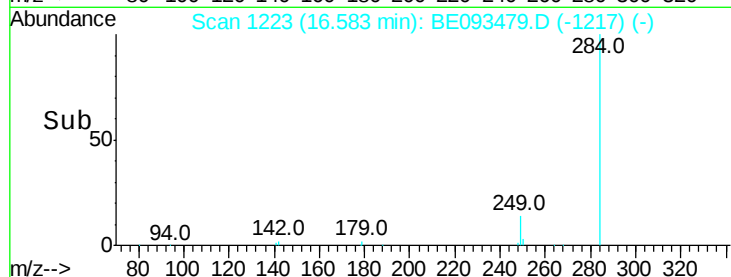
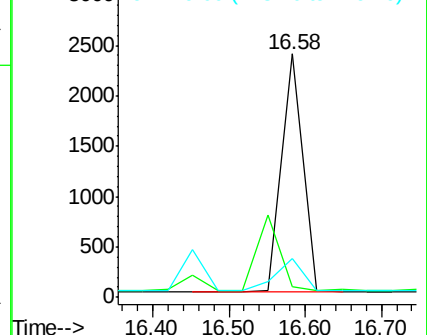
249 17.3 0.0 0.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.164 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

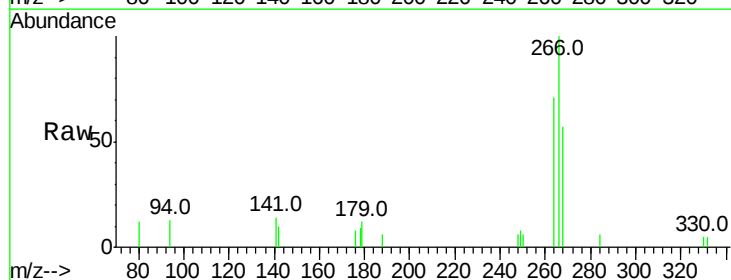
Tgt Ion:266 Resp: 1981

Ion Ratio Lower Upper

266 100

264 71.3 58.2 87.2

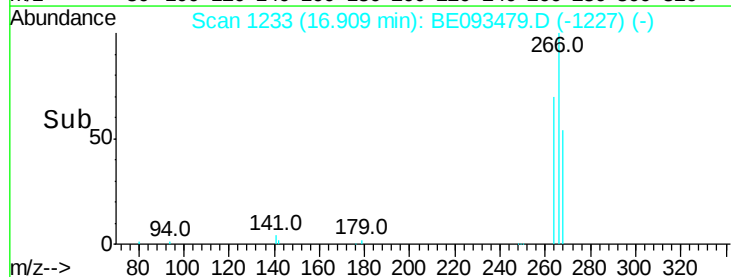
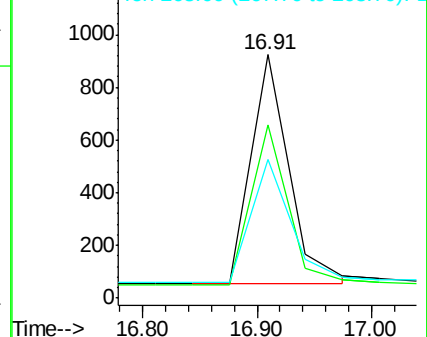
268 57.0 71.9 107.9#

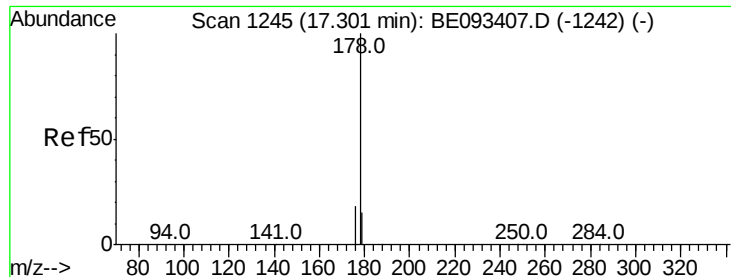


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.331 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

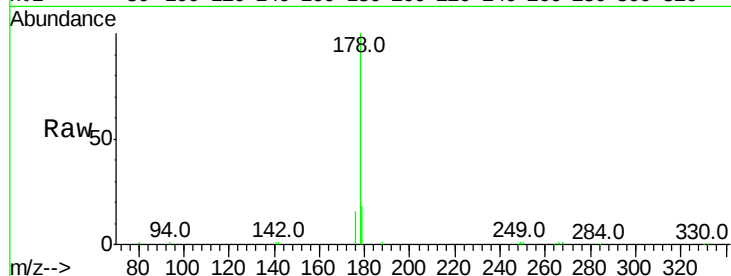
Tot Ion:178 Resp: 24208

Ion Ratio Lower Upper

178 100

176 16.3 15.0 22.4

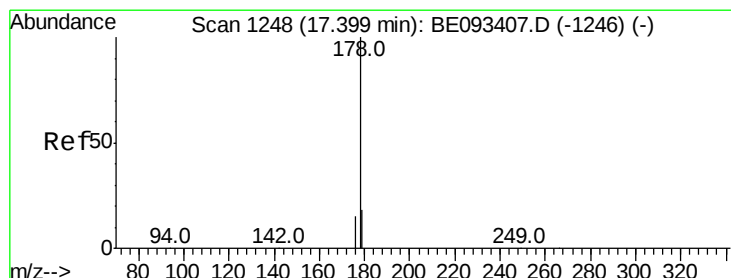
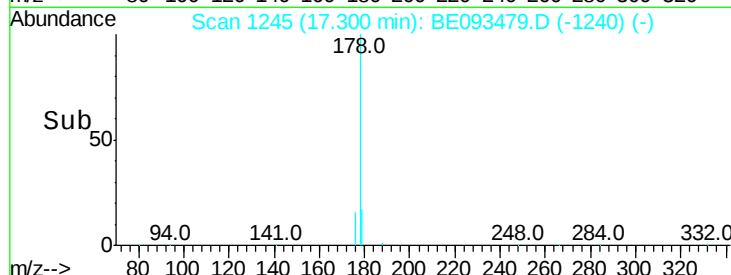
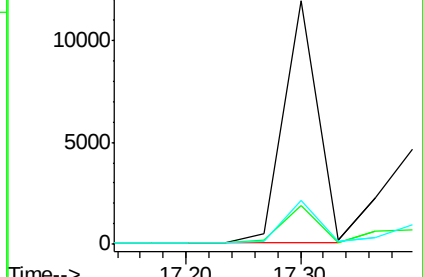
179 17.5 12.7 19.1



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: 0.561 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

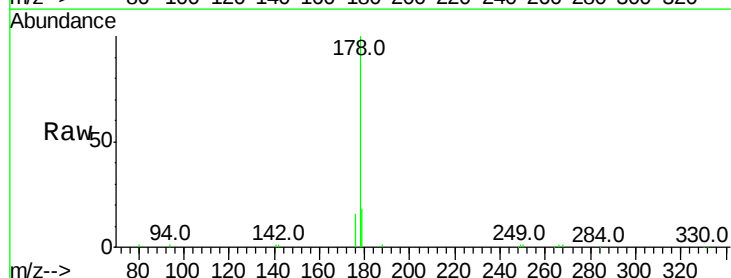
Tgt Ion:178 Resp: 25152

Ion Ratio Lower Upper

178 100

176 23.1 14.6 22.0#

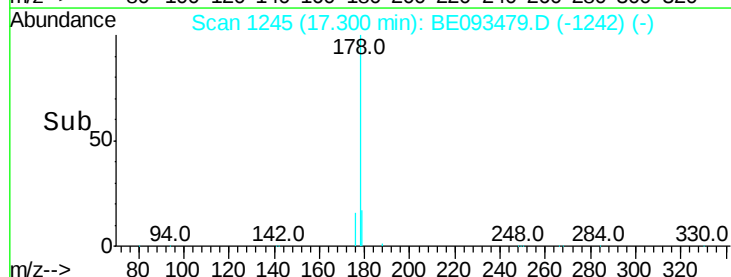
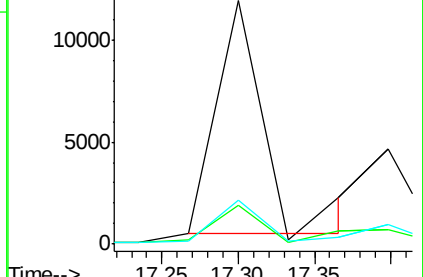
179 16.9 12.0 18.0

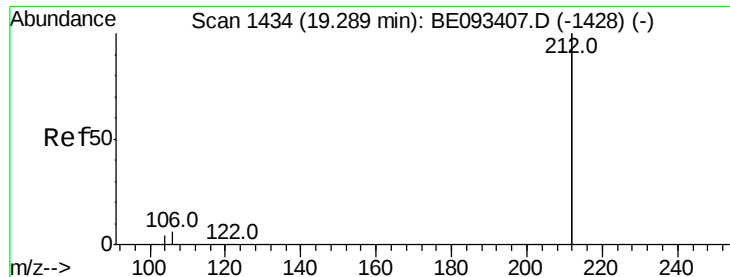


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.426 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

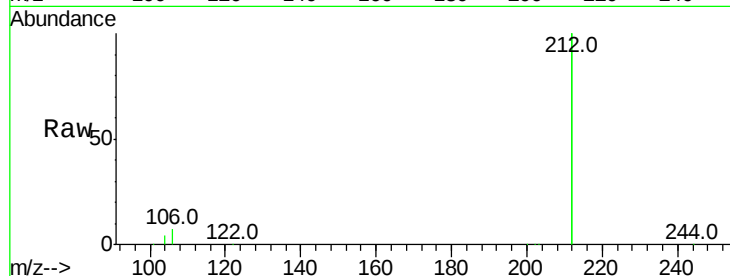
Tot Ion:212 Resp: 103404

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

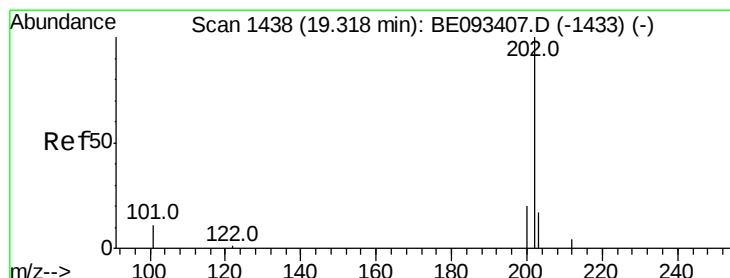
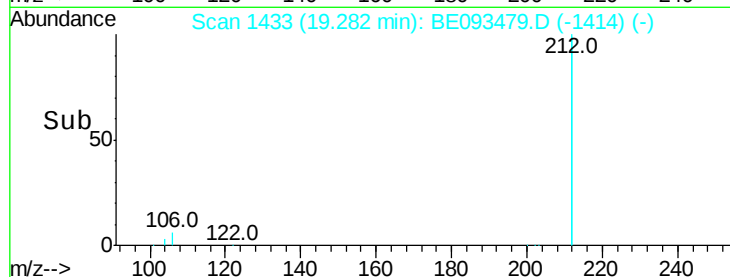
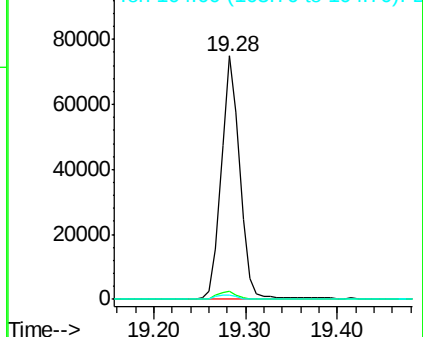
104 1.9 1.6 2.4



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: 0.435 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

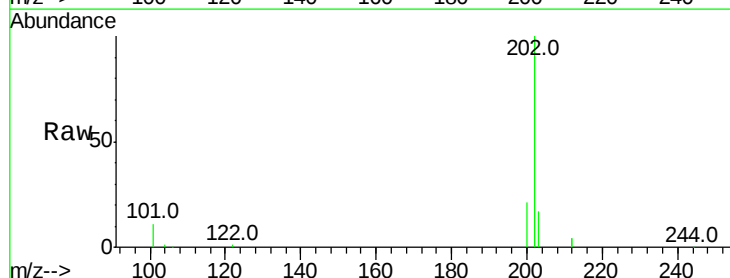
Tgt Ion:202 Resp: 29924

Ion Ratio Lower Upper

202 100

101 11.7 9.6 14.4

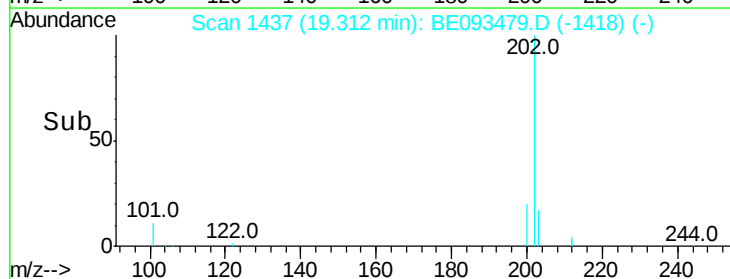
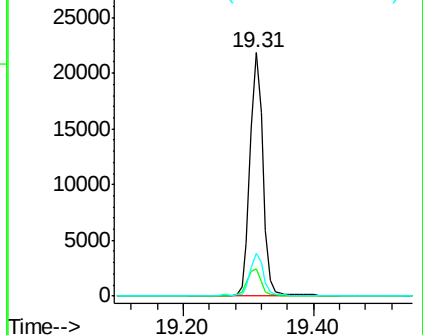
203 17.5 14.4 21.6

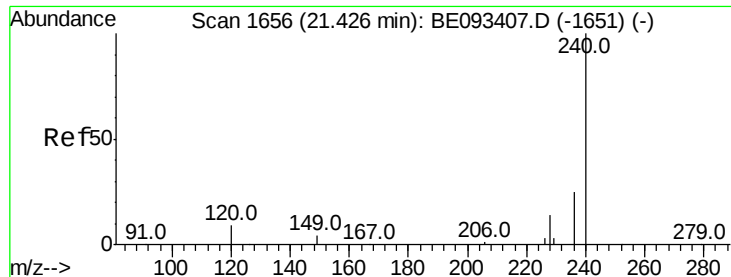


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

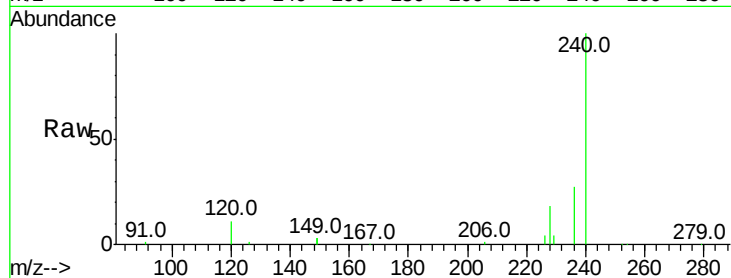
Tot Ion:240 Resp: 40240

Ion Ratio Lower Upper

240 100

120 11.0 4.6 7.0#

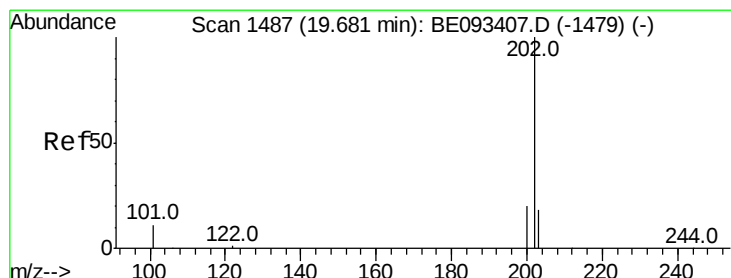
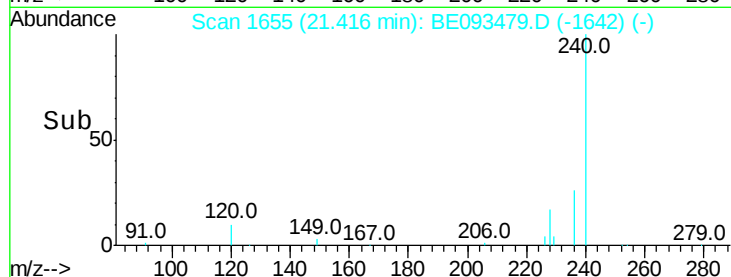
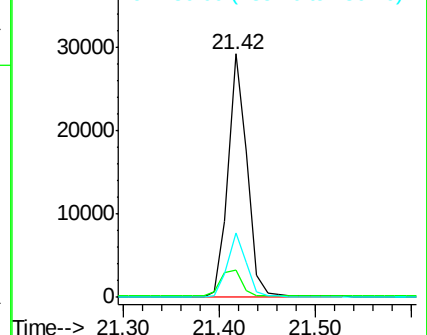
236 26.5 20.8 31.2



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: 0.261 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

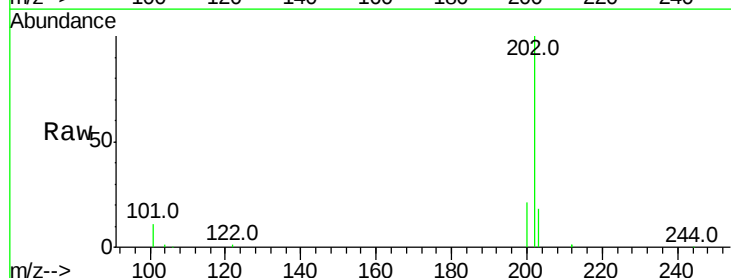
Tgt Ion:202 Resp: 29499

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

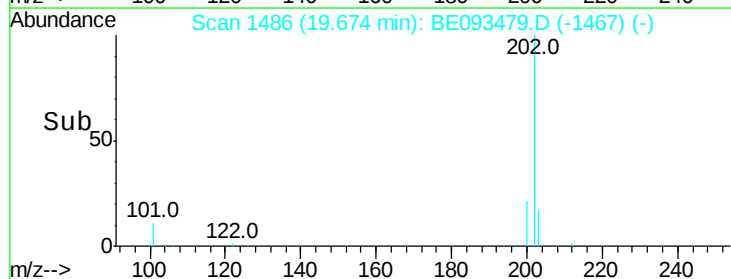
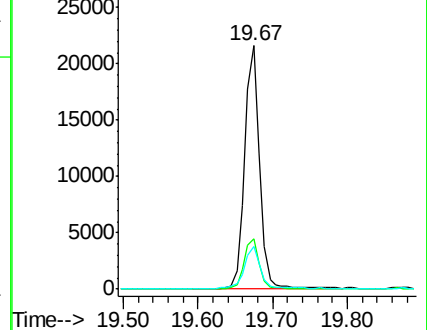
203 17.8 13.7 20.5

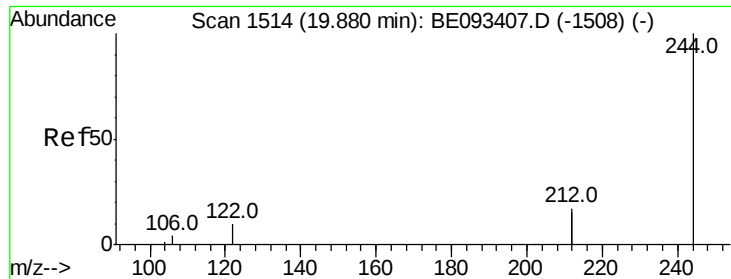


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.268 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

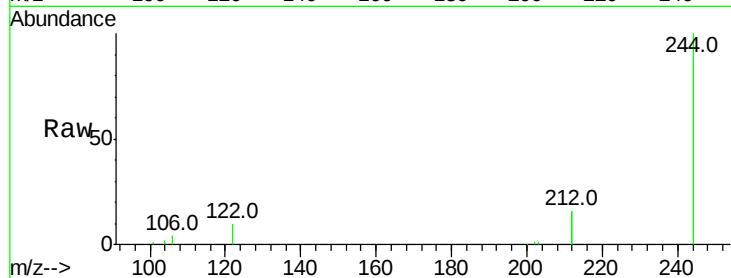
Tot Ion:244 Resp: 19252

Ion Ratio Lower Upper

244 100

212 32.5 10.6 16.0#

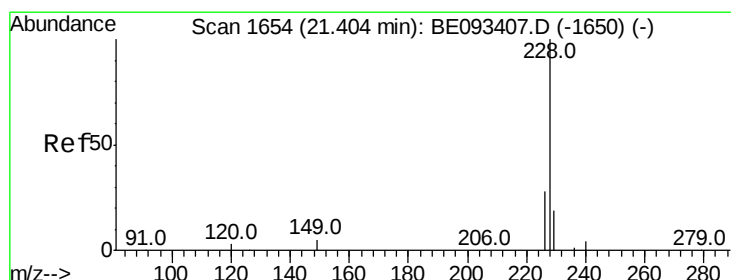
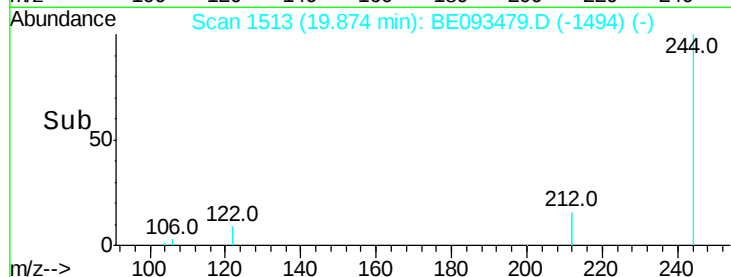
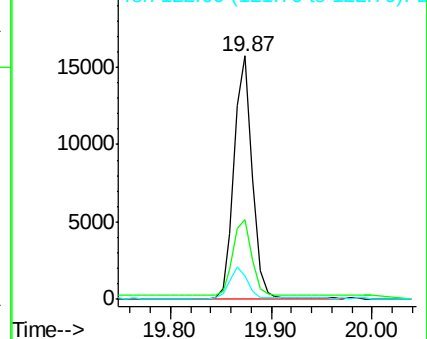
122 9.8 15.4 23.0#



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: 0.291 ng

RT: 21.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093479.D

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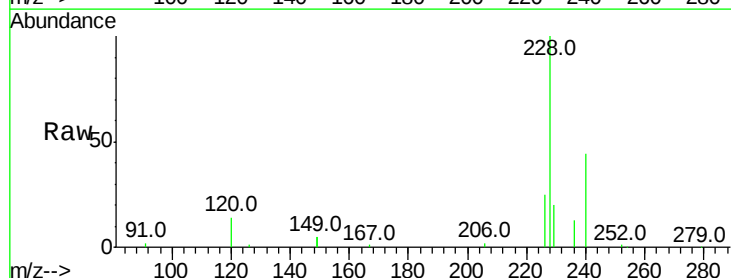
Tgt Ion:228 Resp: 31575

Ion Ratio Lower Upper

228 100

226 25.2 19.7 29.5

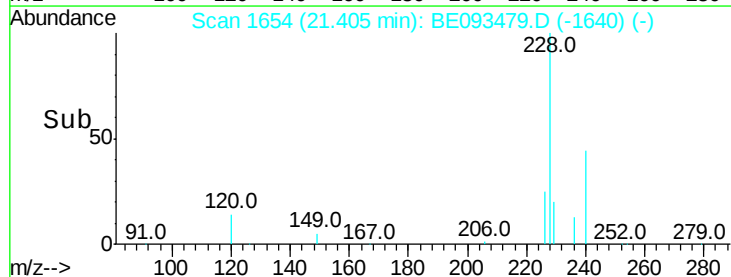
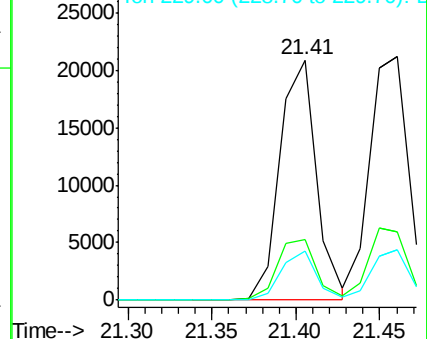
229 20.2 19.2 28.8

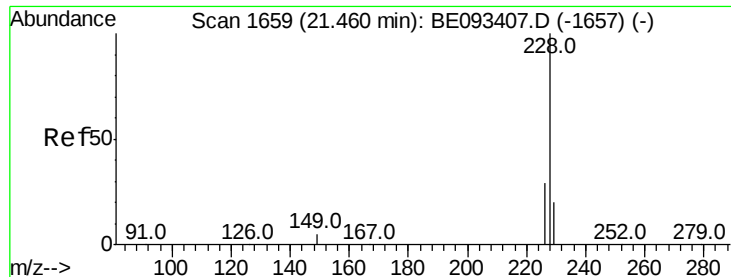


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.306 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

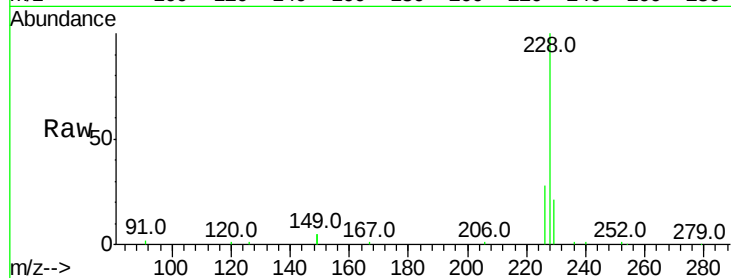
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 34723

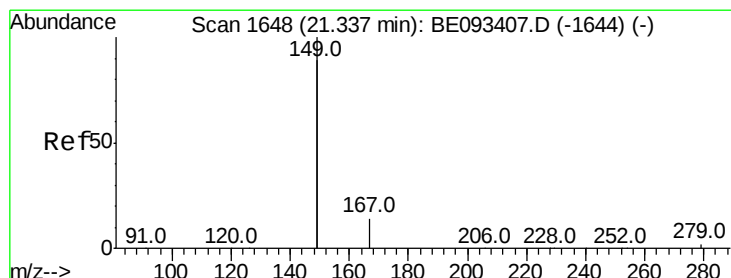
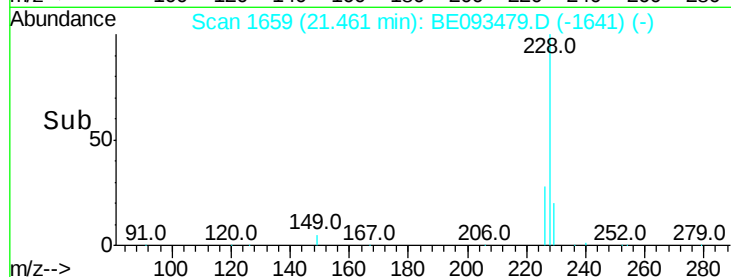
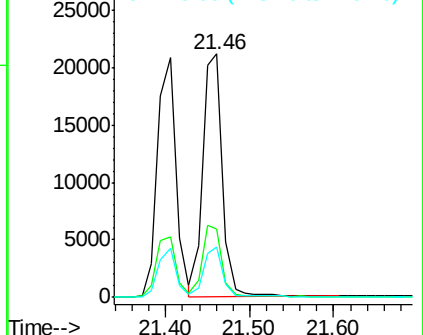
Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.5	32.3
229	20.5	18.6	28.0



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: 0.218 ng

RT: 21.32 min Scan# 1646

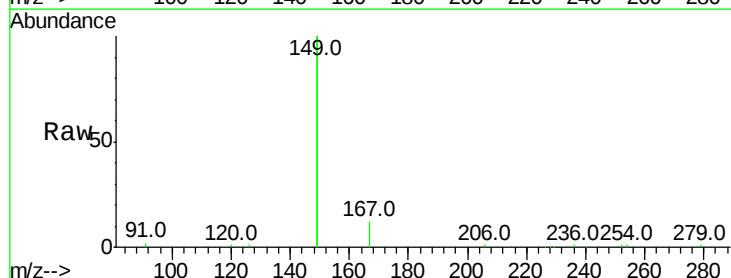
Delta R.T. -0.02 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion:149 Resp: 34037

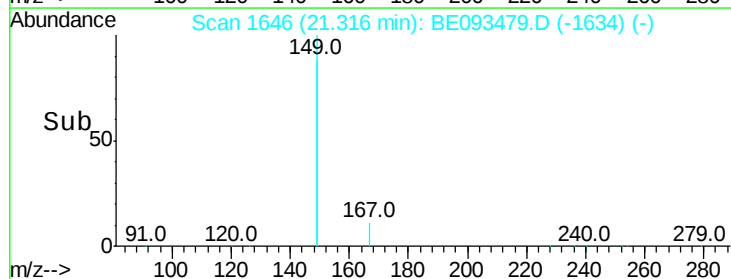
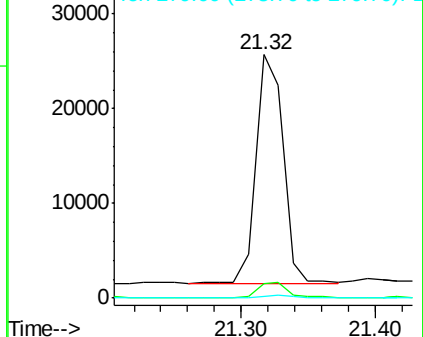
Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#

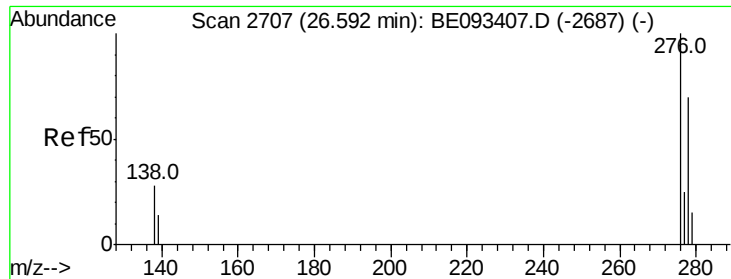


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

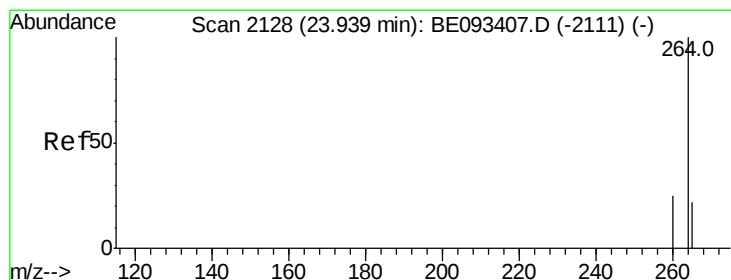
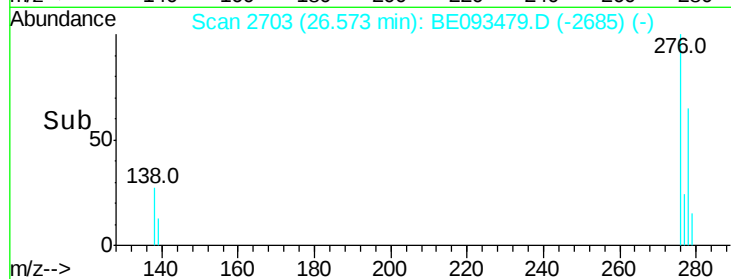
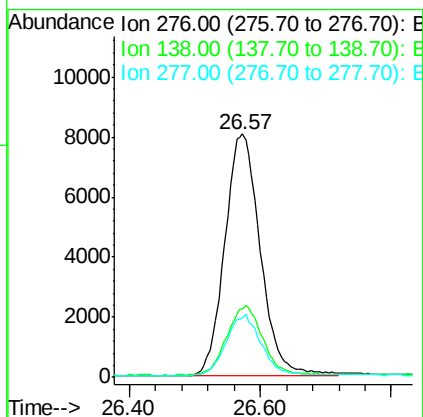
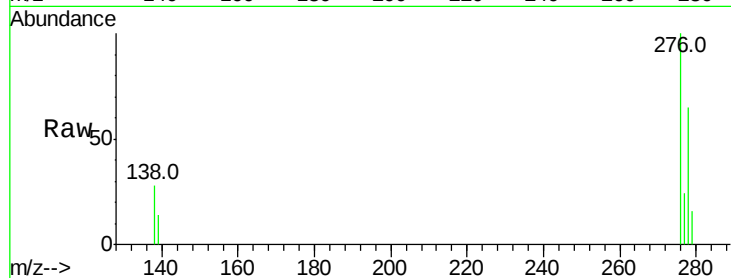




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.302 ng
 RT: 26.57 min Scan# 2703
 Delta R.T. -0.02 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

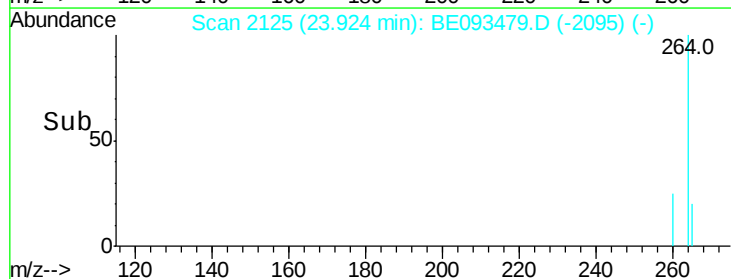
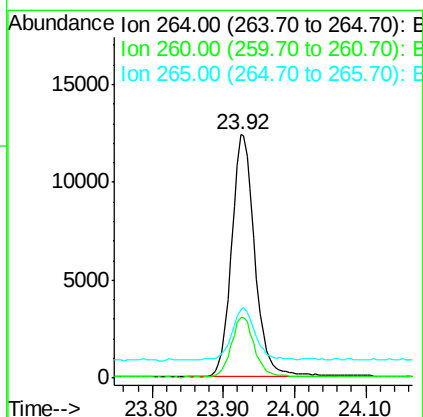
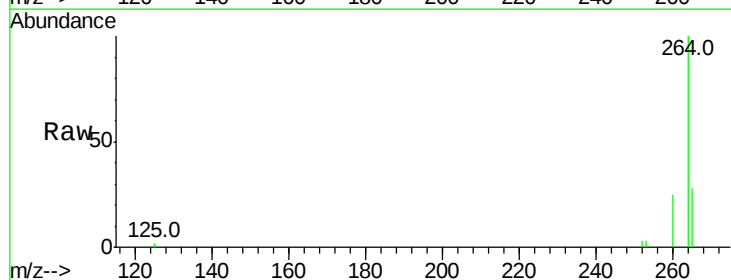
Instrument :
 BNA_E
 ClientSampleId :

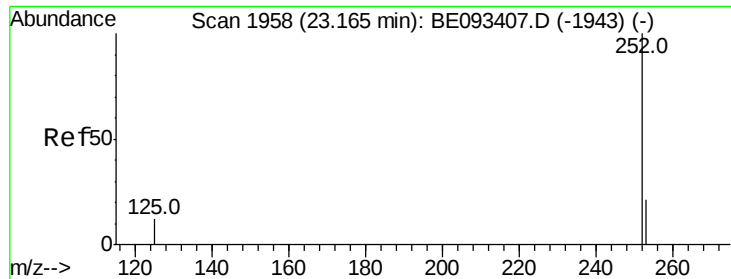
Tot Ion:276 Resp: 30081
 Ion Ratio Lower Upper
 276 100
 138 28.8 27.4 41.2
 277 24.5 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Tgt Ion:264 Resp: 28333
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.0 31.4
 265 28.1 24.6 36.8

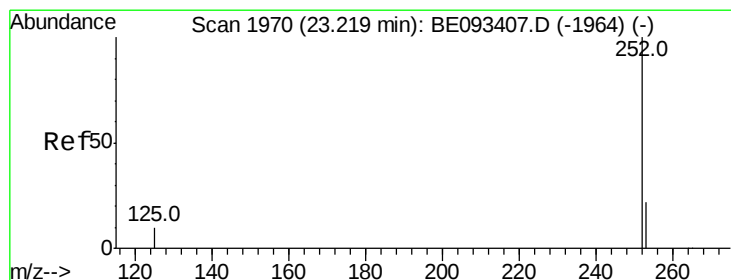
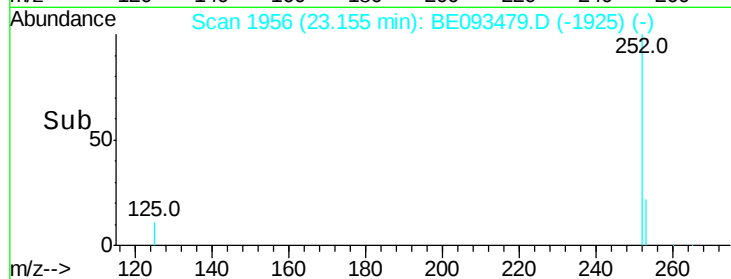
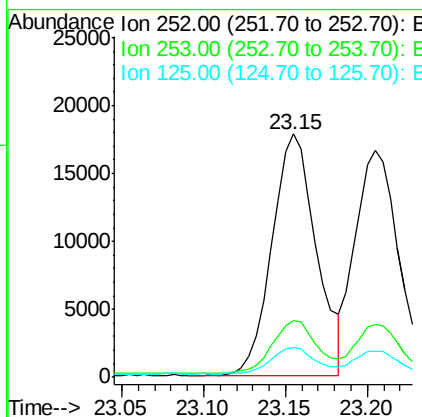
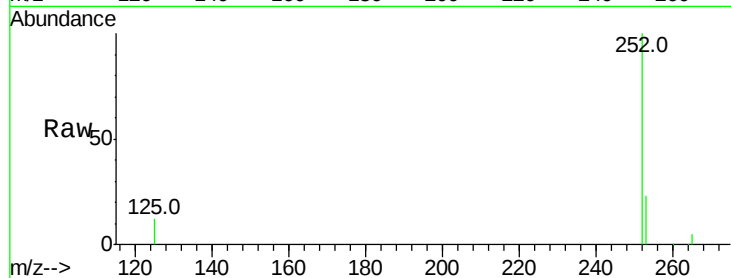




#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.15 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

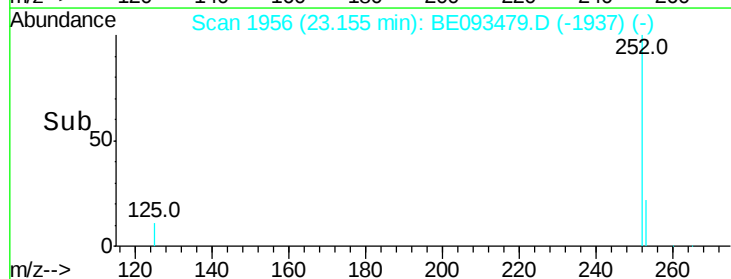
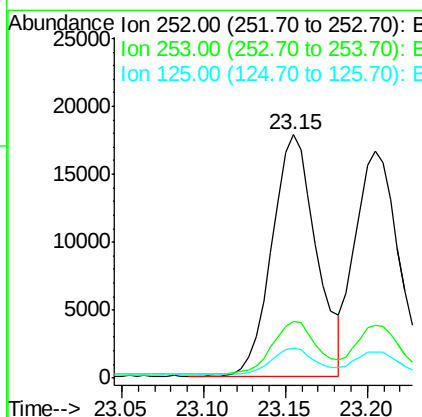
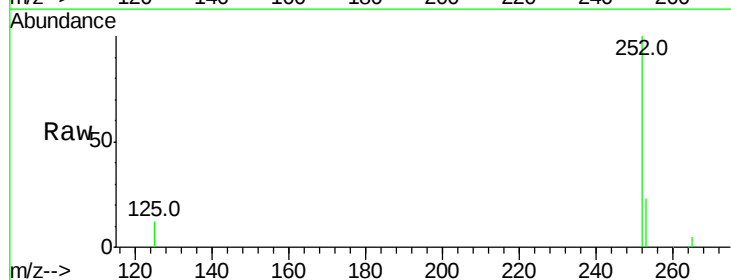
Instrument :
BNA_E
ClientSampled :

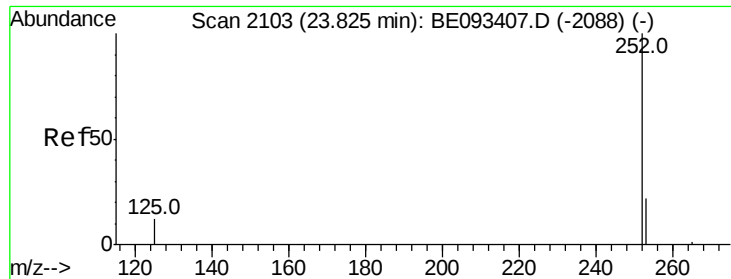
Tot Ion:252 Resp: 33428
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 12.3 13.4 20.0#



#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.15 min Scan# 1956
Delta R.T. -0.06 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:252 Resp: 33428
Ion Ratio Lower Upper
252 100
253 23.4 20.3 30.5
125 12.3 12.2 18.4

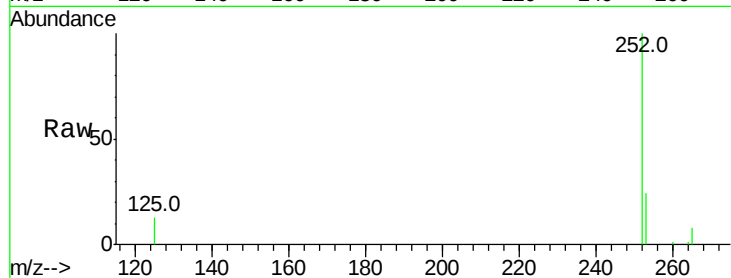




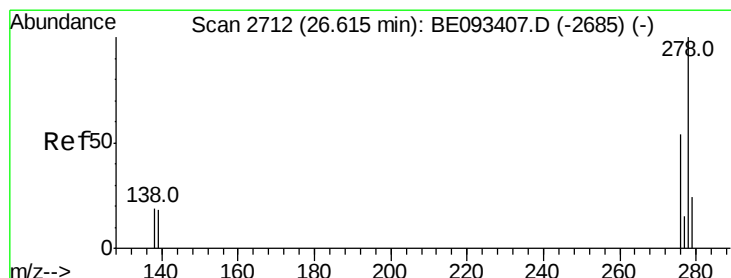
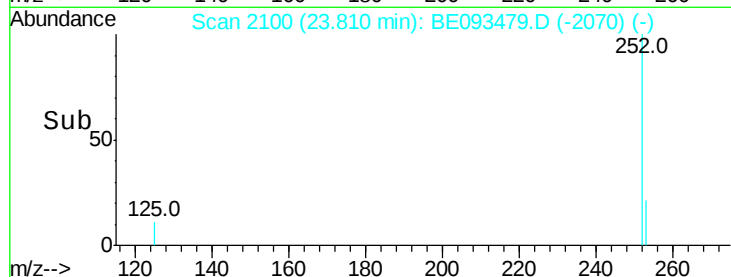
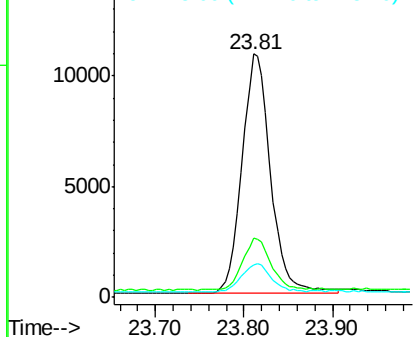
#37
Benzo(a)pyrene
Concen: 0.303 ng
RT: 23.81 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 24318
Ion Ratio Lower Upper
252 100
253 24.1 19.9 29.9
125 13.5 14.6 21.8#

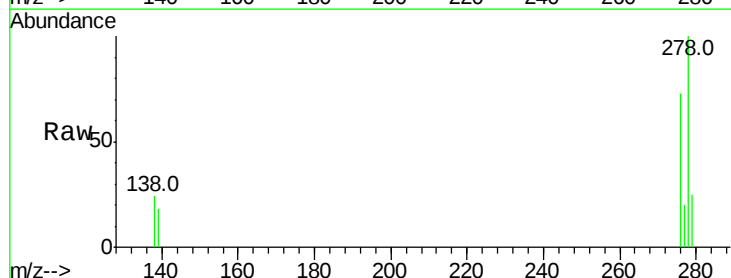


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

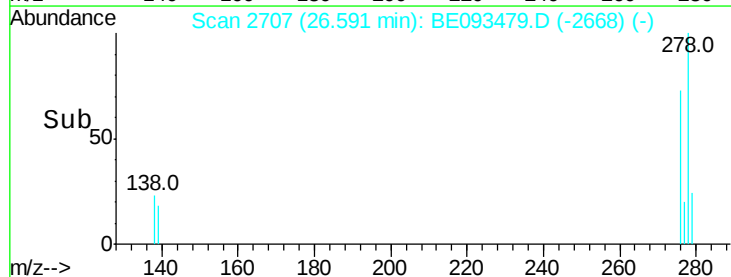
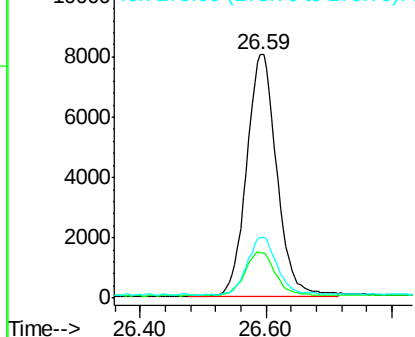


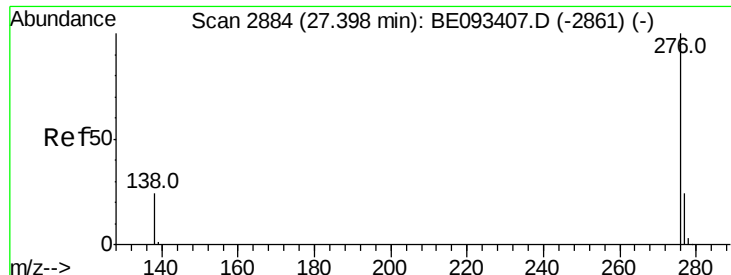
#38
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 26.59 min Scan# 2707
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion:278 Resp: 26875
Ion Ratio Lower Upper
278 100
139 18.5 21.4 32.0#
279 25.1 22.2 33.2



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: 0.328 ng

RT: 27.38 min Scan# 2881

Delta R.T. -0.01 min

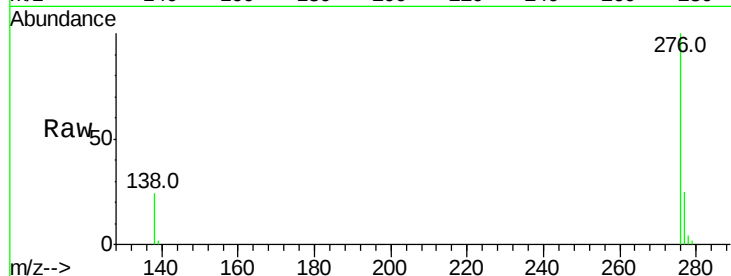
Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :



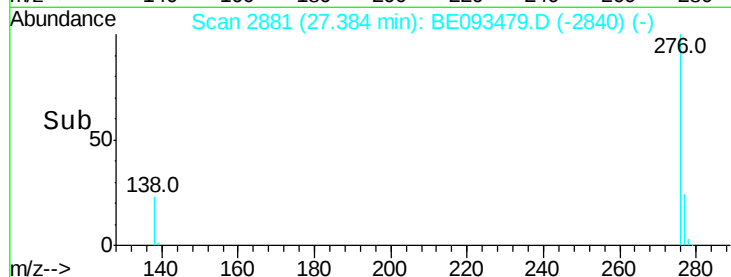
Tot Ion:276 Resp: 25746

Ion Ratio Lower Upper

276 100

277 24.9 21.2 31.8

138 24.5 24.5 36.7



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

