

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097987.D
 Acq On : 19 Oct 2018 10:55
 Operator : SJ/JU
 Sample : PB113752BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

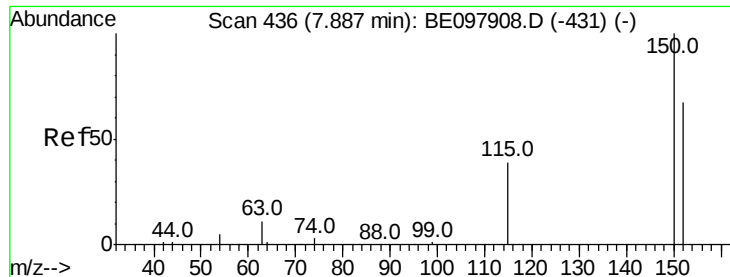
Quant Time: Oct 19 23:28:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2604	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	11081	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6280	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	15687	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	24301	0.40	ng	-0.01
34) Perylene-d12	24.02	264	24096	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	2356	0.29	ng	0.00
5) Phenol-d6	7.04	99	3327	0.27	ng	-0.01
8) Nitrobenzene-d5	9.03	82	2681	0.26	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5539	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	832	0.25	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	6710	0.26	ng	-0.01
25) Fluoranthene-d10	19.32	212	61871	0.29	ng	-0.01
29) Terphenyl-d14	19.92	244	17521	0.31	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1243	0.274	ng	# 88
3) n-Nitrosodimethylamine	3.69	42	1226	0.242	ng	89
6) bis(2-Chloroethyl)ether	7.30	93	2342	0.227	ng	100
9) Naphthalene	10.73	128	30165	0.273	ng	99
10) Hexachlorobutadiene	11.02	225	1538	0.259	ng	97
12) 2-Methylnaphthalene	12.35	142	5078	0.269	ng	97
16) Acenaphthylene	14.27	152	7548	0.260	ng	99
17) Acenaphthene	14.60	154	4412	0.249	ng	99
18) Fluorene	15.59	166	5913	0.242	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	1977	0.231	ng	# 85
21) Hexachlorobenzene	16.60	284	2061	0.244	ng	99
22) Pentachlorophenol	16.95	266	1287	0.589	ng	92
23) Phenanthrene	17.33	178	10251	0.257	ng	100
24) Anthracene	17.42	178	9930	0.264	ng	99
26) Fluoranthene	19.35	202	15777	0.302	ng	98
28) Pyrene	19.71	202	16584	0.237	ng	100
30) Benzo(a)anthracene	21.45	228	19764	0.265	ng	98
31) Chrysene	21.51	228	18736	0.265	ng	99
32) Bis(2-ethylhexyl)phthalate	21.38	149	43092	0.189	ng	99
33) Indeno(1,2,3-cd)pyrene	26.72	276	20879	0.214	ng	99
35) Benzo(b)fluoranthene	23.24	252	18591	0.268	ng	94
36) Benzo(k)fluoranthene	23.29	252	19000	0.263	ng	95
37) Benzo(a)pyrene	23.91	252	18423	0.273	ng	96
38) Dibenzo(a,h)anthracene	26.74	278	17104	0.258	ng	97
39) Benzo(g,h,i)perylene	27.55	276	17569	0.259	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

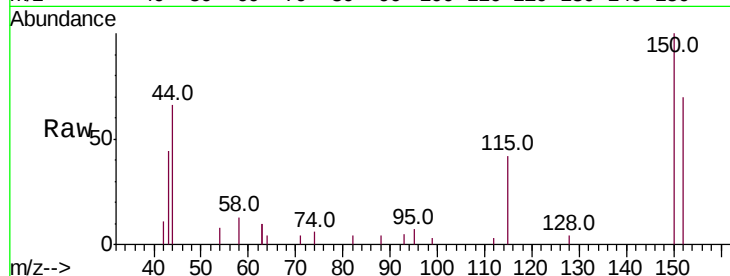
Tot Ion:152 Resp: 2604

Ion Ratio Lower Upper

152 100

150 143.0 118.2 177.4

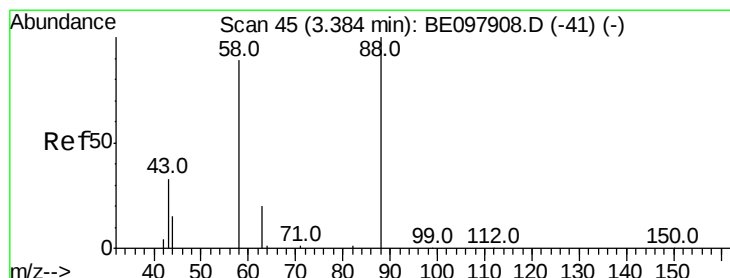
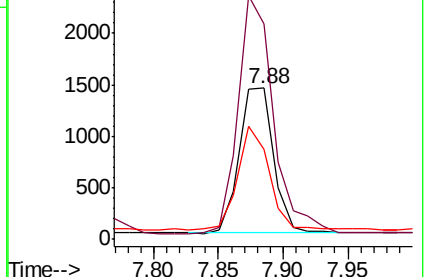
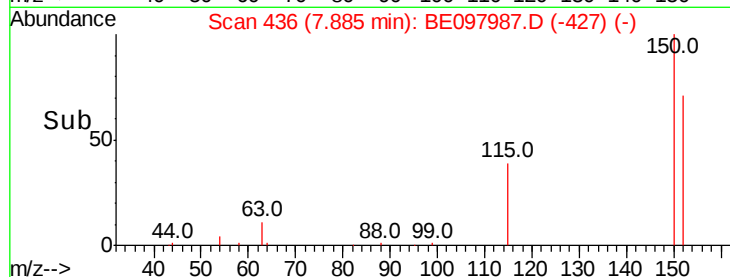
115 59.6 50.9 76.3



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: 0.274 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

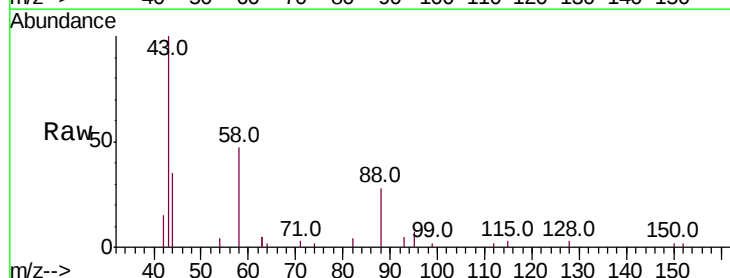
Tgt Ion: 88 Resp: 1243

Ion Ratio Lower Upper

88 100

58 87.8 73.2 109.8

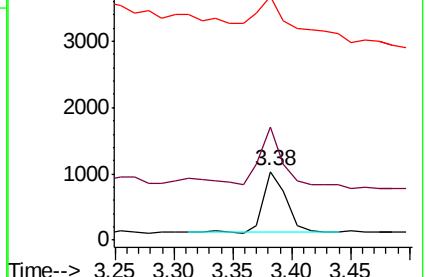
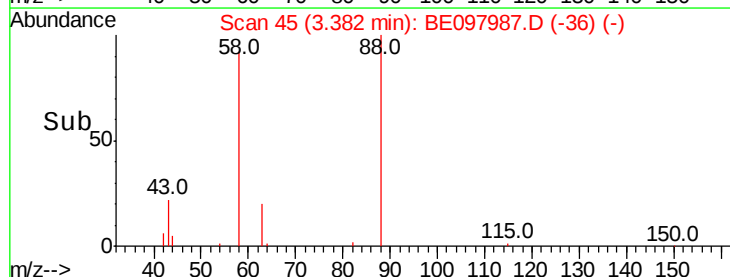
43 65.2 36.9 55.3#

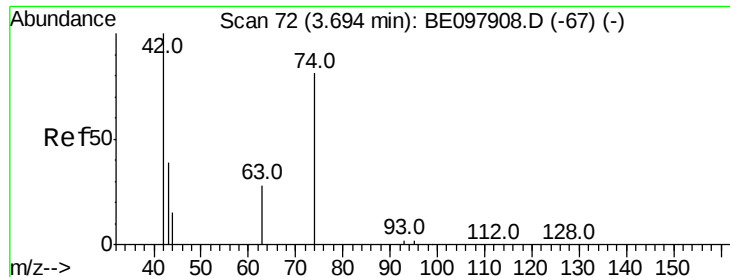


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

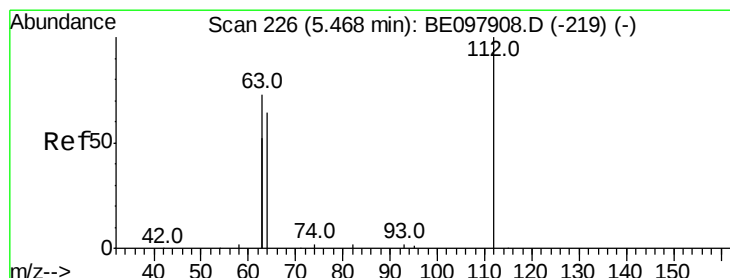
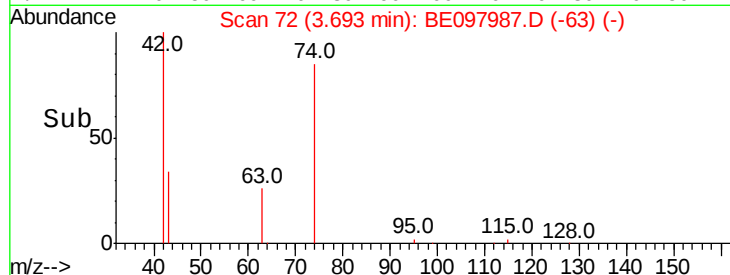
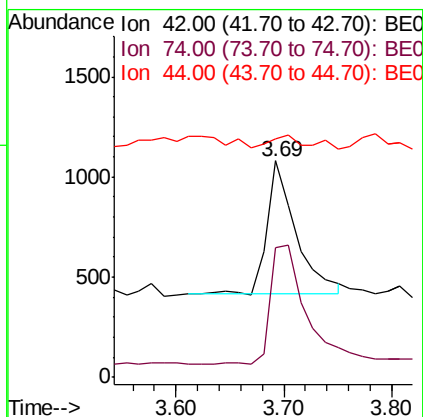
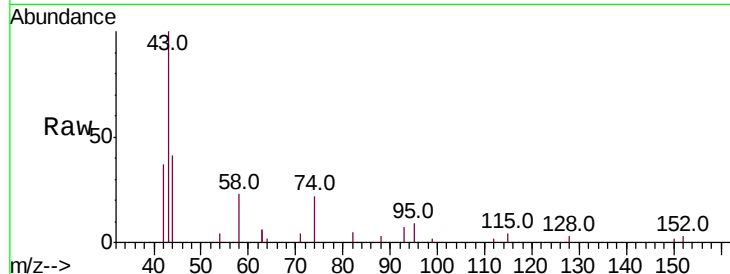




#3
n-Nitrosodimethylamine
Concen: 0.242 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097987.D
Acq: 19 Oct 2018 10:55

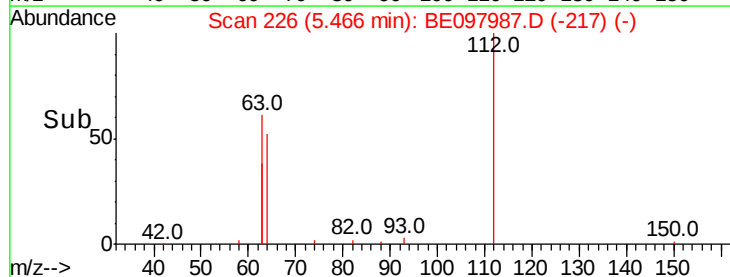
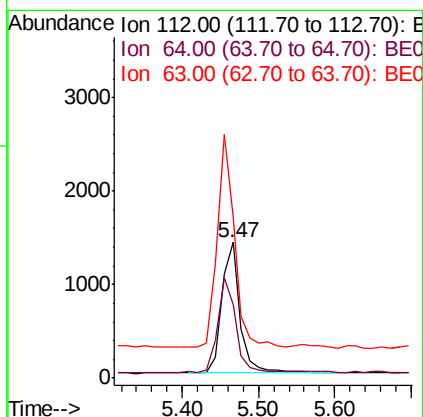
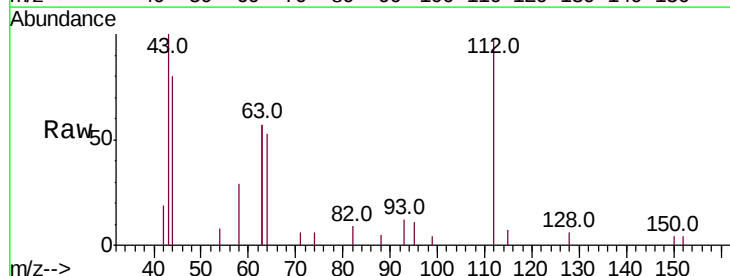
Instrument :
BNA_E
ClientSampleId :

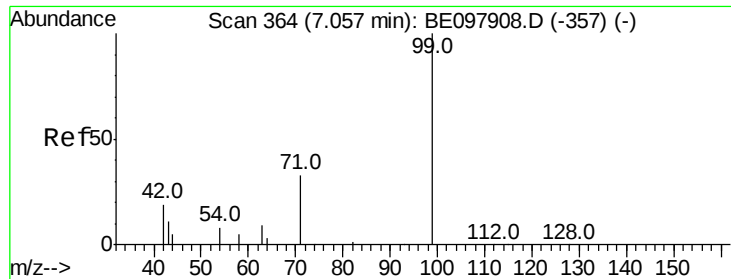
Tot Ion: 42 Resp: 1226
Ion Ratio Lower Upper
42 100
74 108.6 77.6 116.4
44 8.7 7.6 11.4



#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097987.D
Acq: 19 Oct 2018 10:55

Tgt Ion: 112 Resp: 2356
Ion Ratio Lower Upper
112 100
64 71.1 58.9 88.3
63 152.2 120.3 180.5





#5

Phenol-d6

Concen: 0.274 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

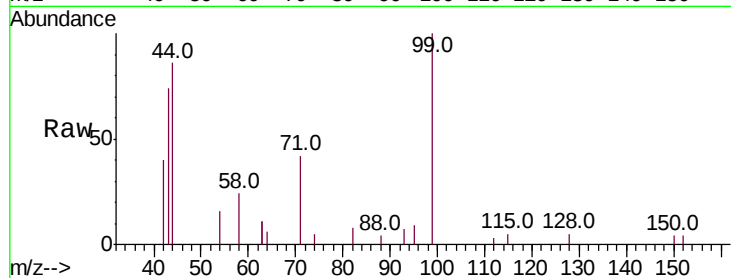
Tot Ion: 99 Resp: 3327

Ion Ratio Lower Upper

99 100

42 25.4 19.9 29.9

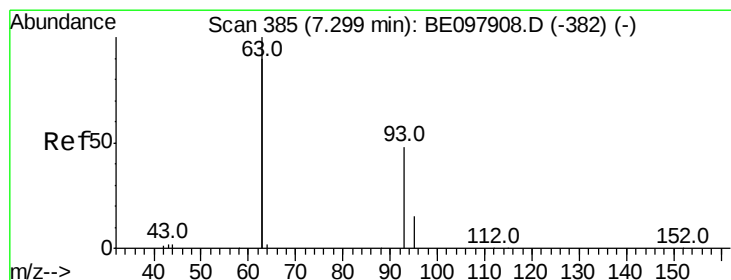
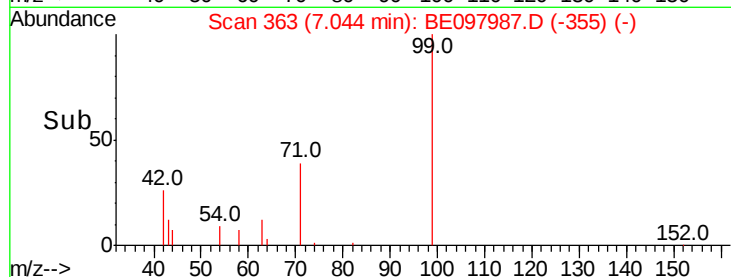
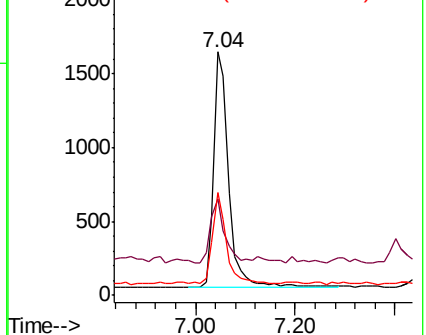
71 35.0 27.8 41.8



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: 0.227 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

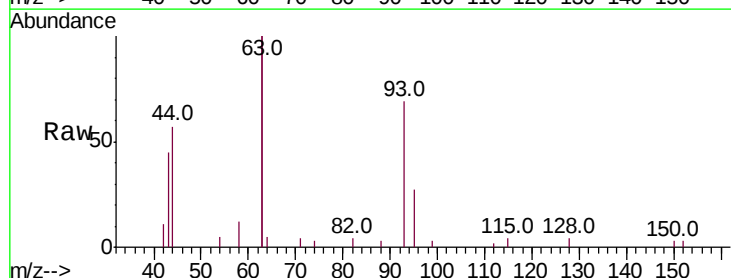
Tgt Ion: 93 Resp: 2342

Ion Ratio Lower Upper

93 100

63 324.1 259.0 388.4

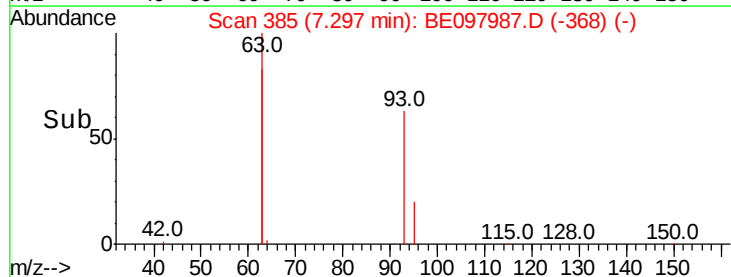
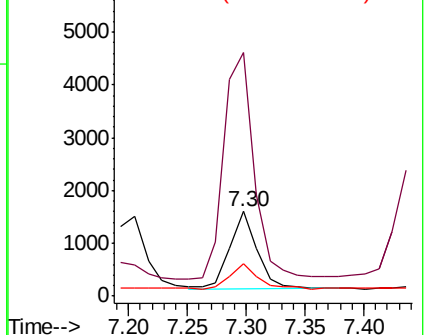
95 33.0 27.8 41.8

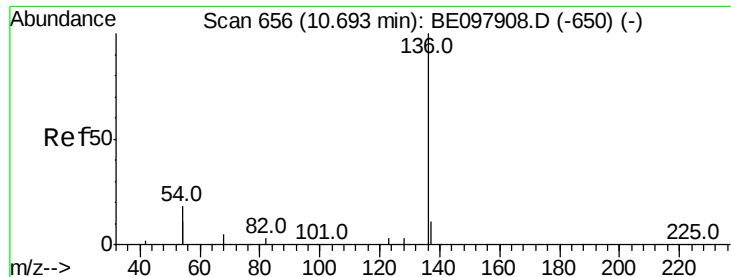


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 11081

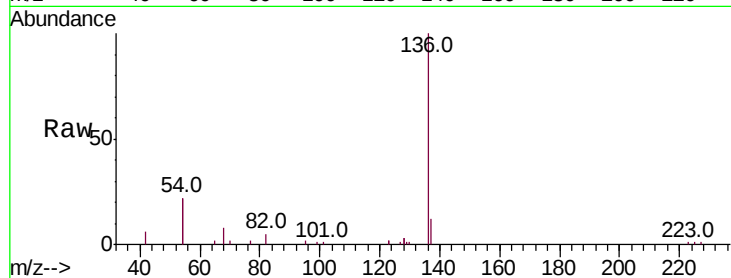
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 44.4 27.7 41.5#

68 8.2 5.3 7.9#

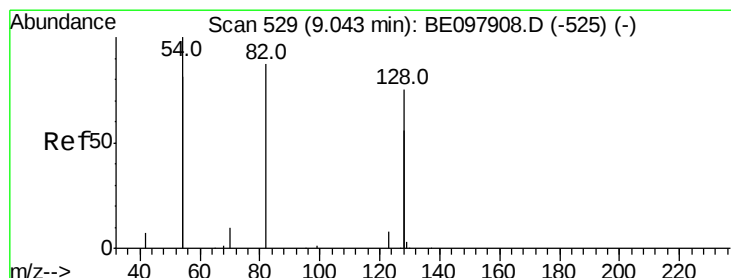
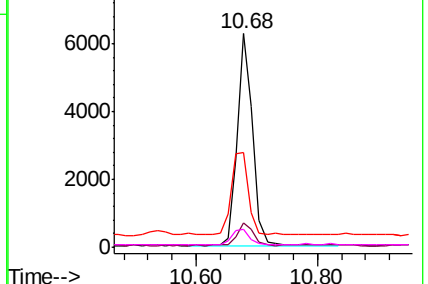
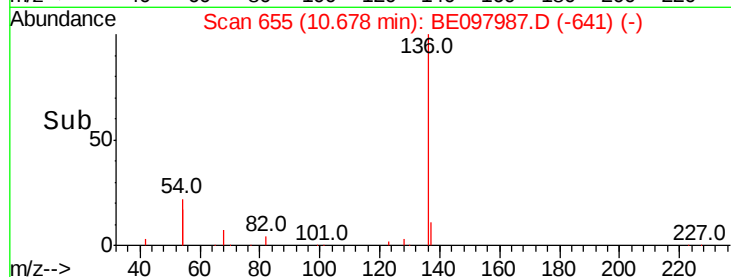


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.255 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

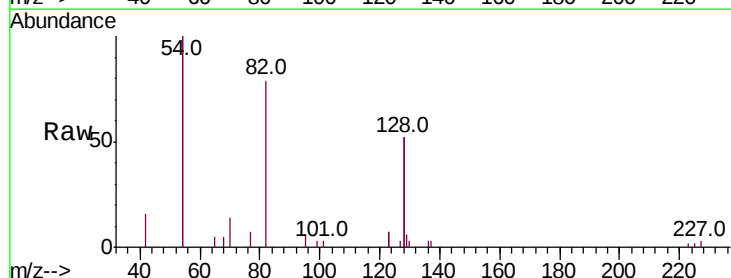
Tgt Ion: 82 Resp: 2681

Ion Ratio Lower Upper

82 100

128 131.4 129.9 194.9

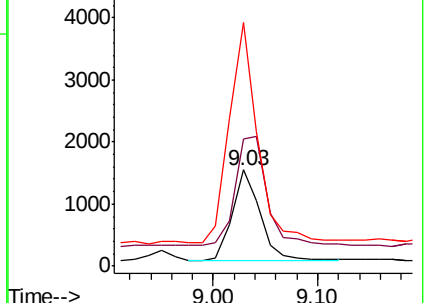
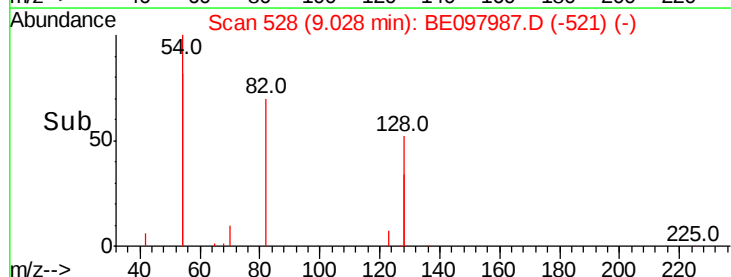
54 252.8 174.0 261.0

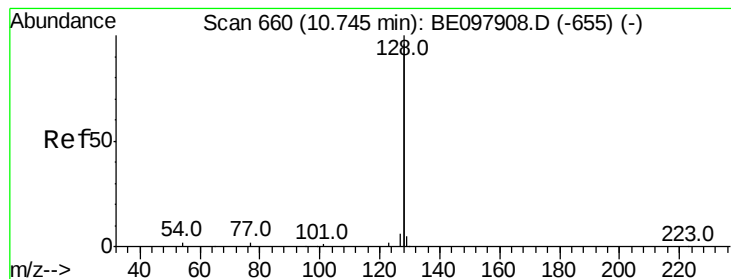


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.273 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

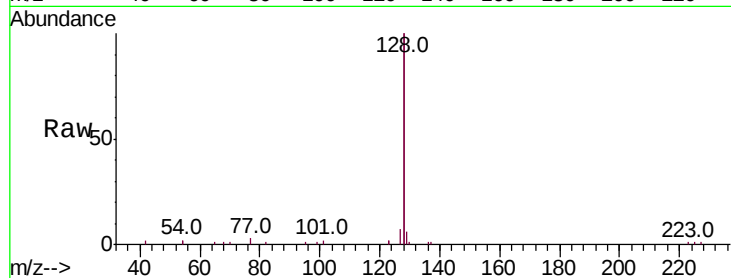
Tot Ion:128 Resp: 30165

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

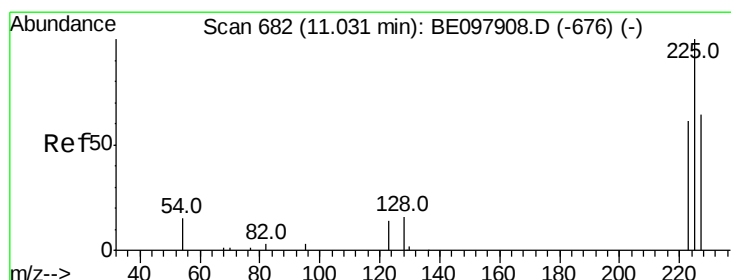
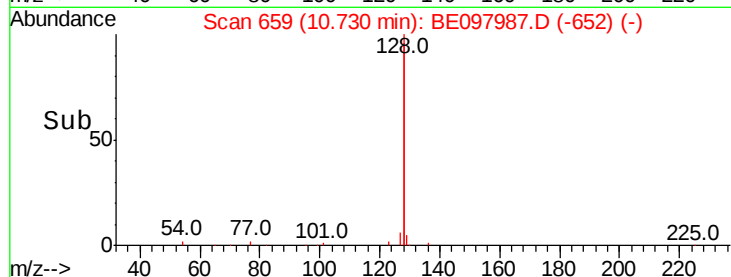
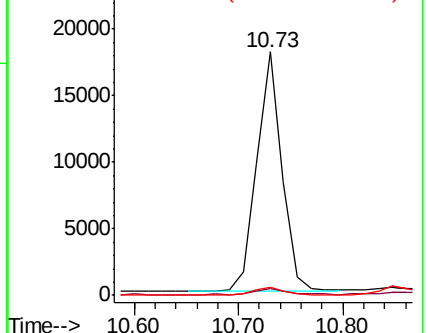
127 3.3 2.8 4.2



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: 0.259 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

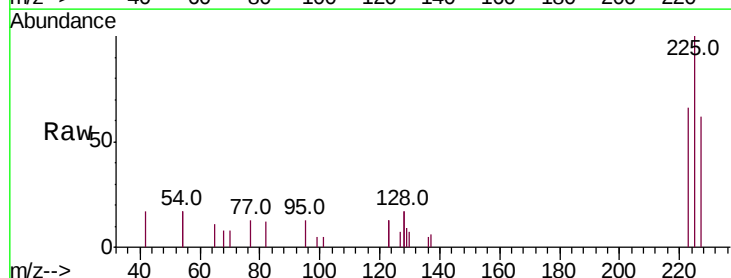
Tgt Ion:225 Resp: 1538

Ion Ratio Lower Upper

225 100

223 63.3 51.8 77.8

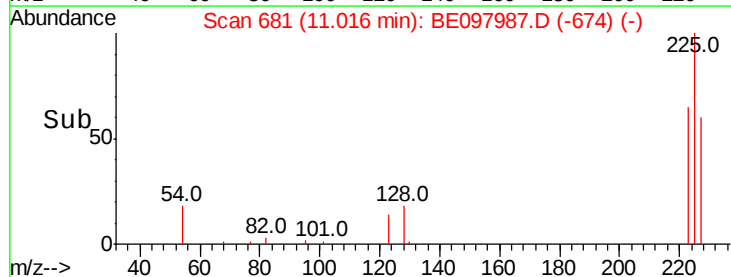
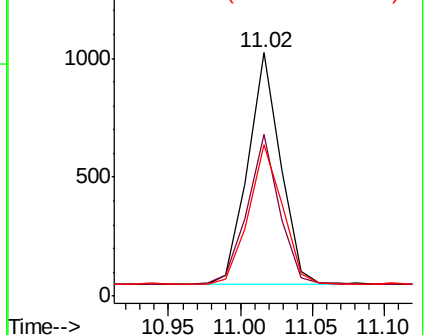
227 62.7 53.0 79.6

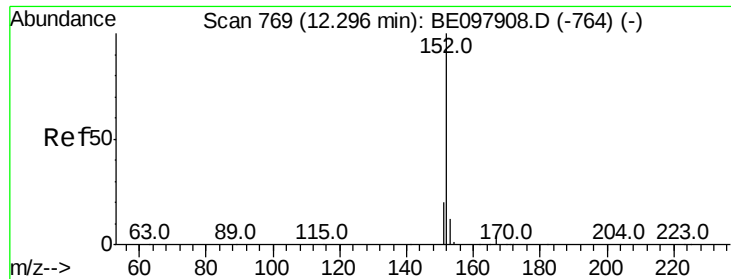


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

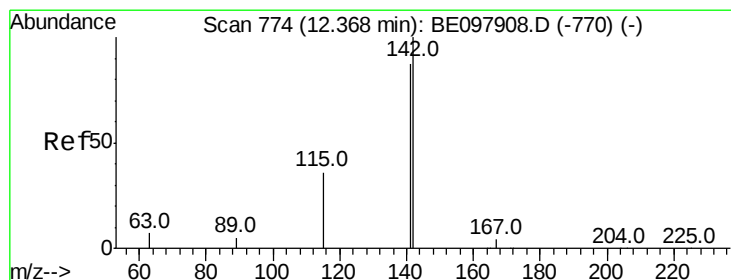
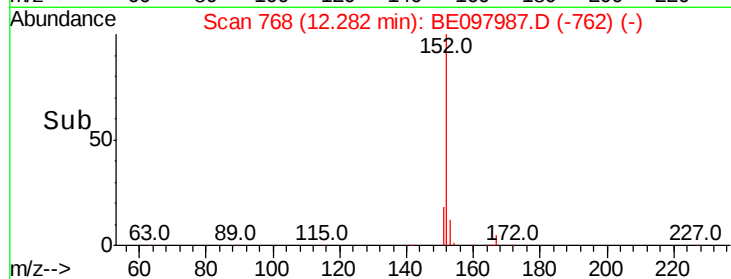
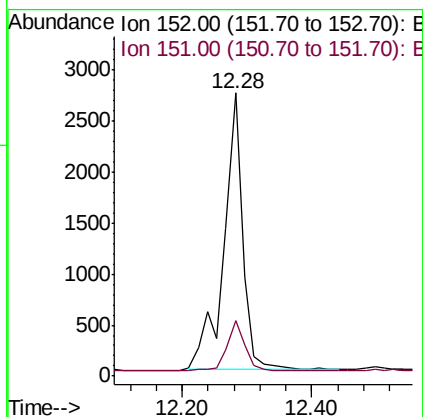
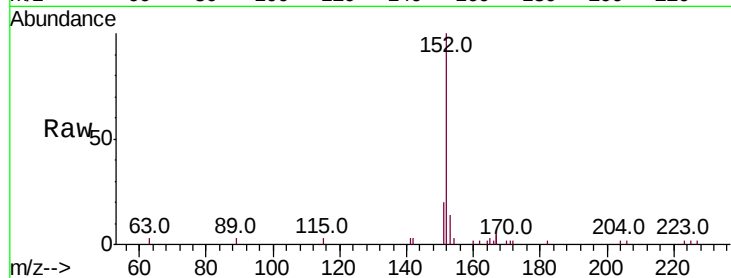




#11
 2-Methylnaphthalene-d10
 Concen: 0.300 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097987.D
 Acq: 19 Oct 2018 10:55

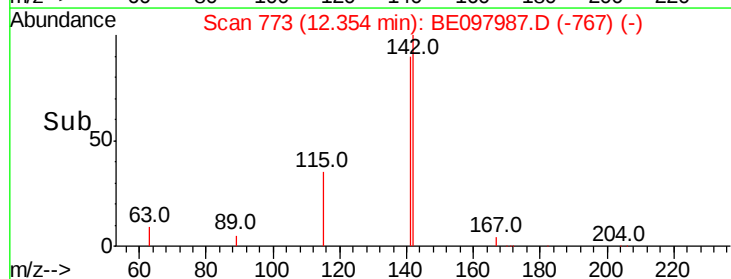
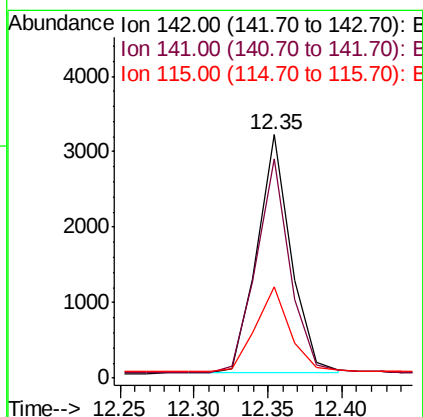
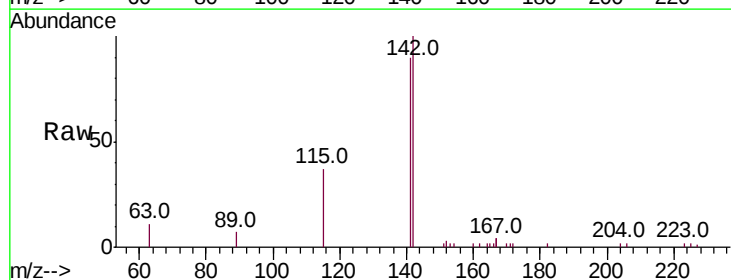
Instrument :
 BNA_E
 ClientSampleId :

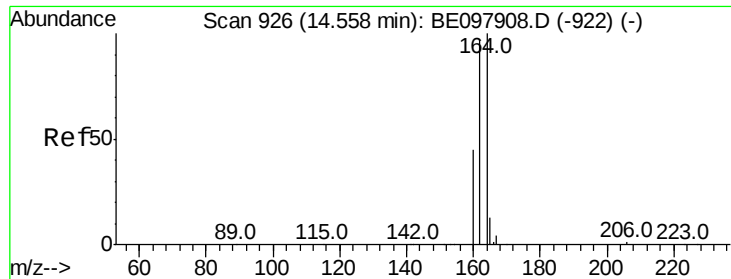
Tot Ion:152 Resp: 5539
 Ion Ratio Lower Upper
 152 100
 151 16.3 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.269 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097987.D
 Acq: 19 Oct 2018 10:55

Tgt Ion:142 Resp: 5078
 Ion Ratio Lower Upper
 142 100
 141 90.0 69.8 104.6
 115 37.2 30.5 45.7

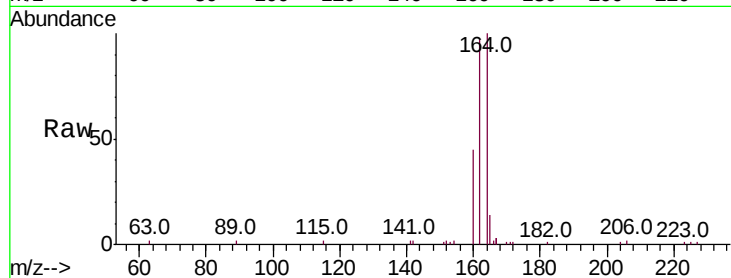




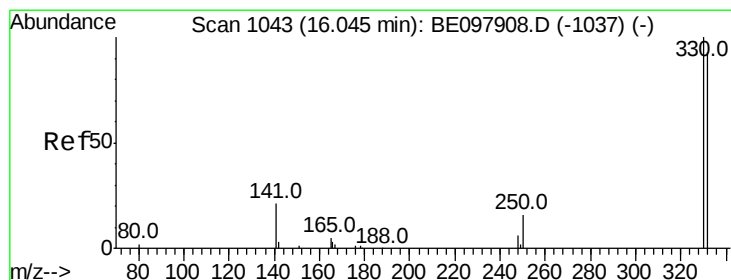
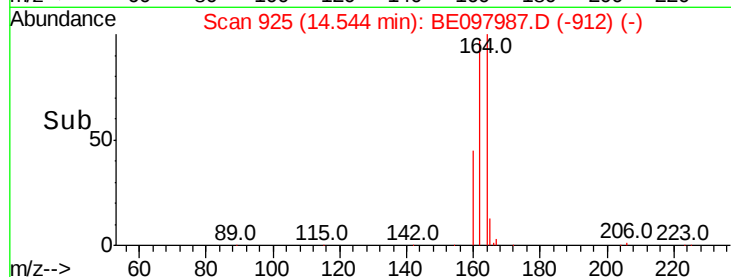
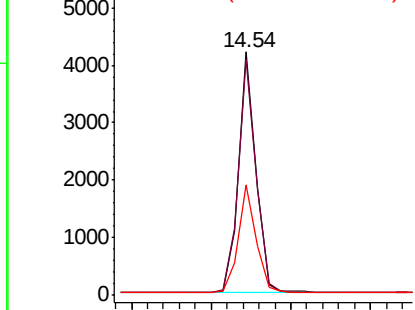
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097987.D
 Acq: 19 Oct 2018 10:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 6280
 Ion Ratio Lower Upper
 164 100
 162 96.9 77.4 116.2
 160 45.4 36.5 54.7

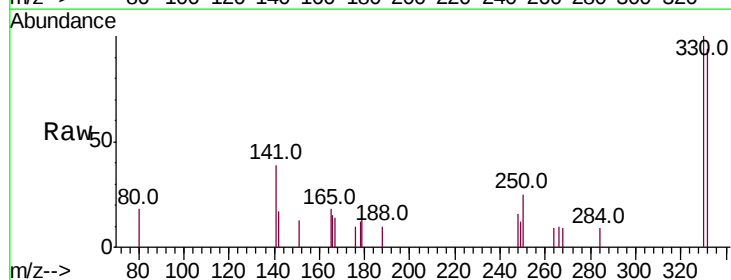


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

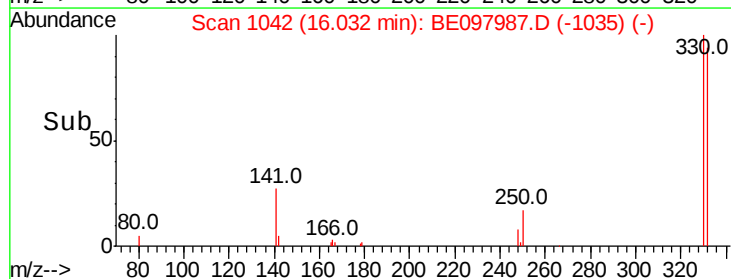
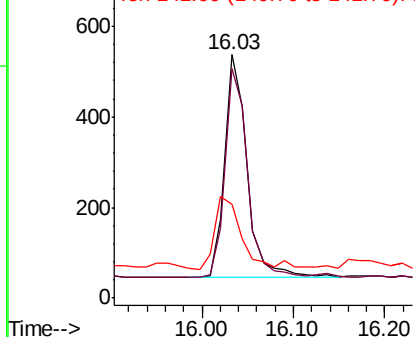


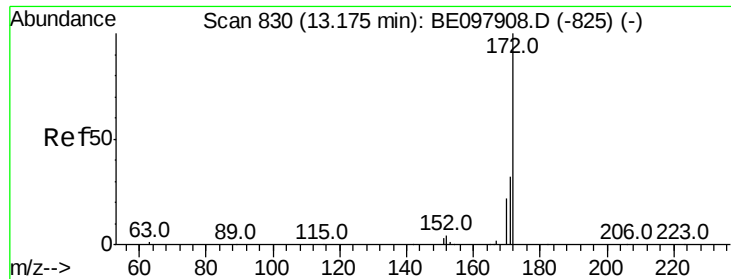
#14
 2,4,6-Tribromophenol
 Concen: 0.246 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097987.D
 Acq: 19 Oct 2018 10:55

Tgt Ion:330 Resp: 832
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.5 114.7
 141 38.1 31.8 47.6



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

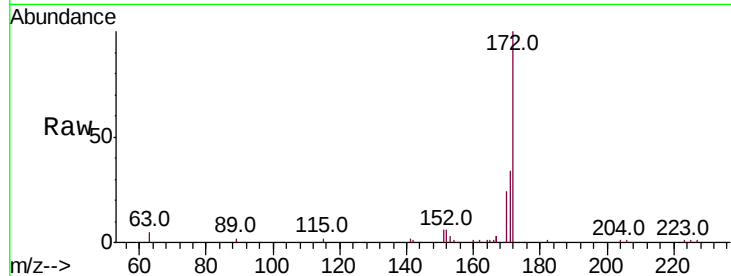




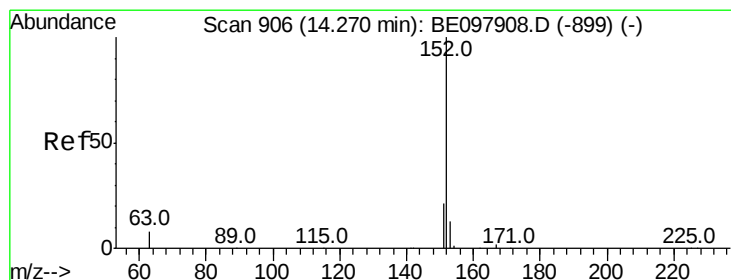
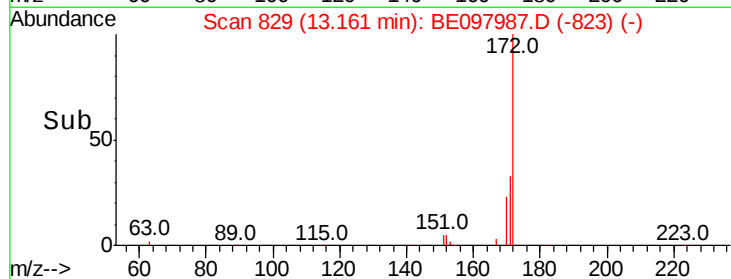
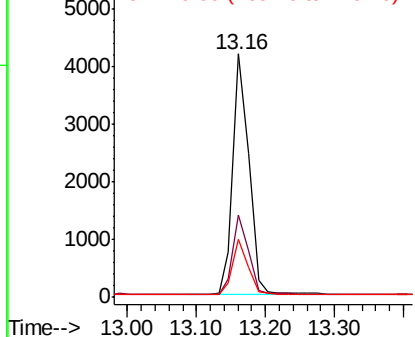
#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097987.D
Acq: 19 Oct 2018 10:55

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 6710
Ion Ratio Lower Upper
172 100
171 34.0 26.0 39.0
170 24.1 18.0 27.0

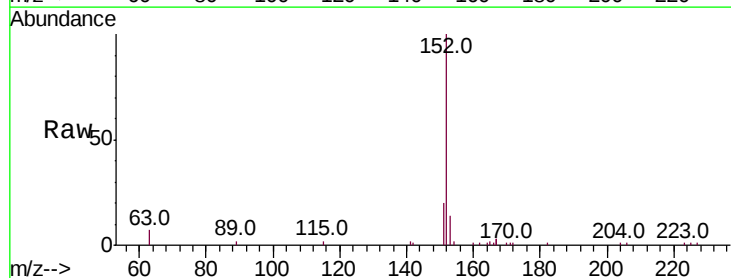


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

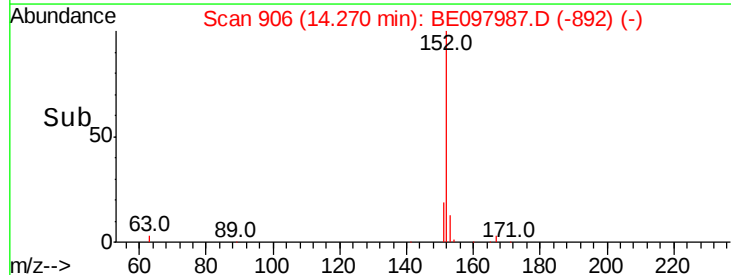
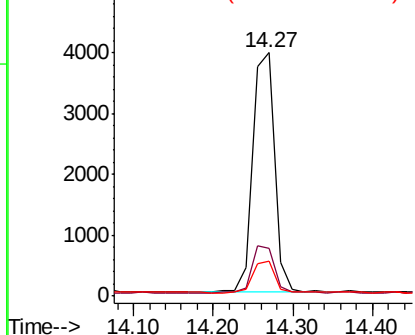


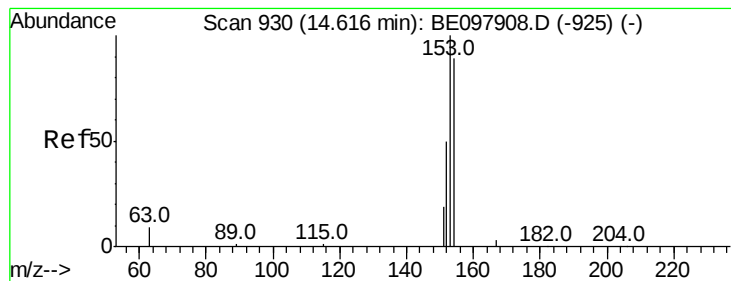
#16
Acenaphthylene
Concen: 0.260 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097987.D
Acq: 19 Oct 2018 10:55

Tgt Ion:152 Resp: 7548
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.3 10.9 16.3



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: 0.249 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

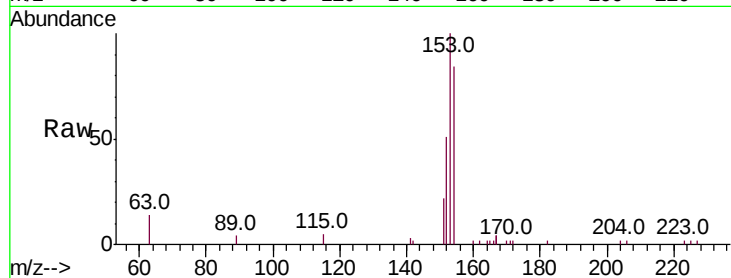
Tot Ion:154 Resp: 4412

Ion Ratio Lower Upper

154 100

153 114.3 92.6 139.0

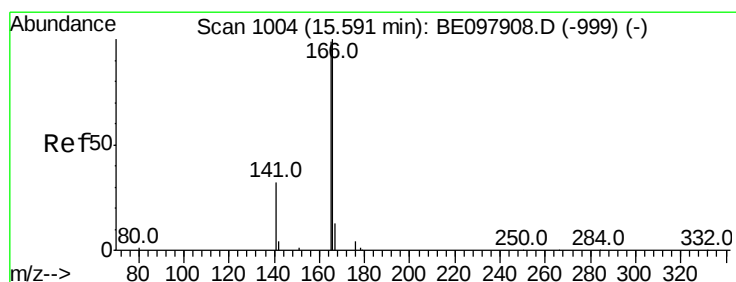
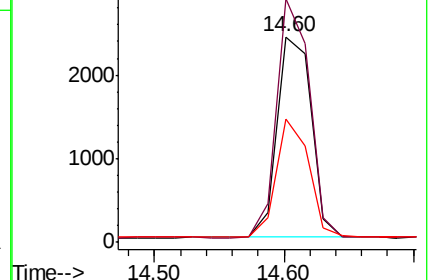
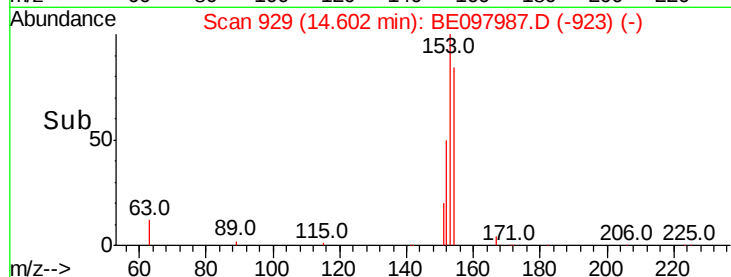
152 56.1 45.5 68.3



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: 0.242 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

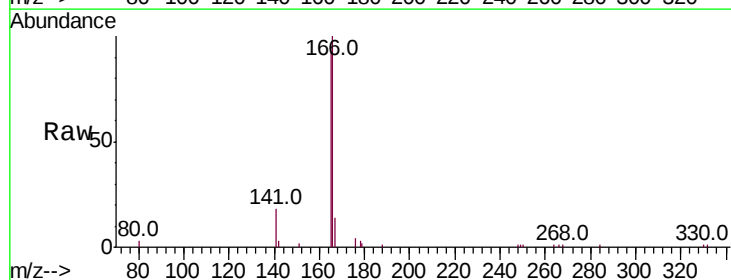
Tgt Ion:166 Resp: 5913

Ion Ratio Lower Upper

166 100

165 97.0 78.2 117.4

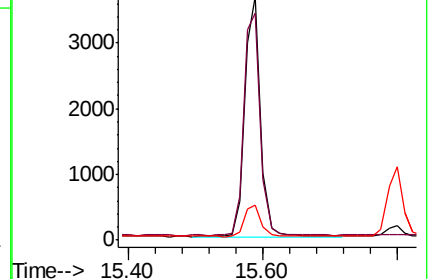
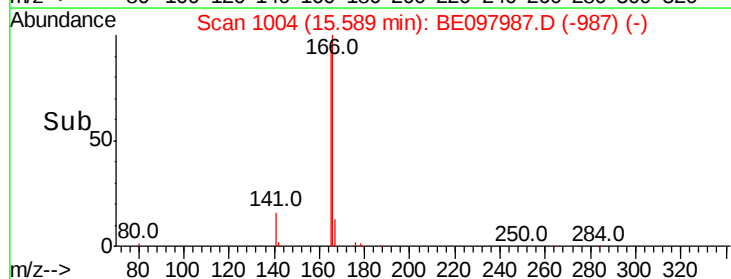
167 13.5 11.0 16.6

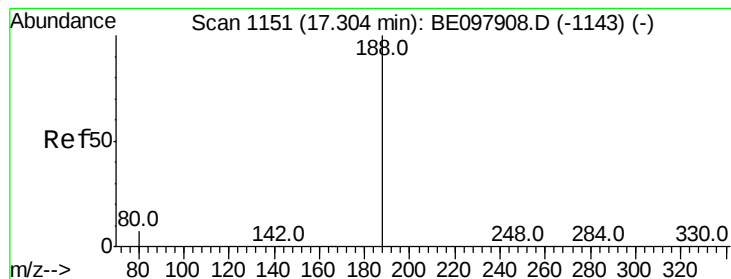


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampled :

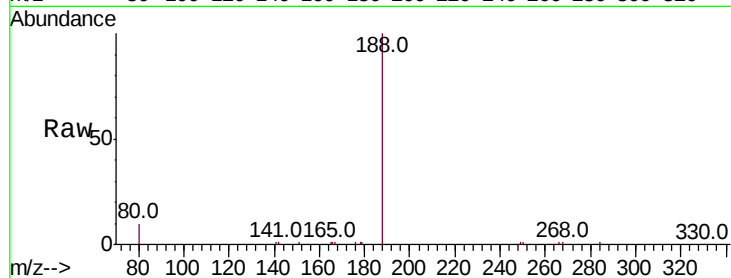
Tot Ion:188 Resp: 15687

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

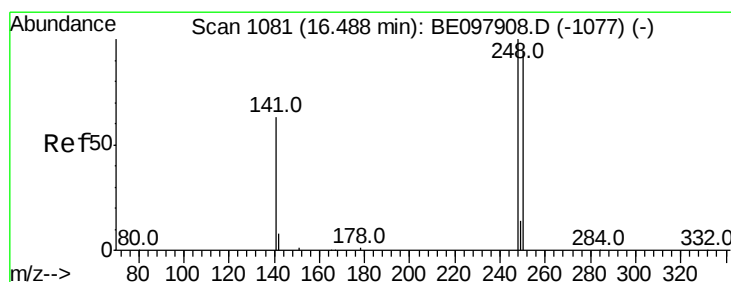
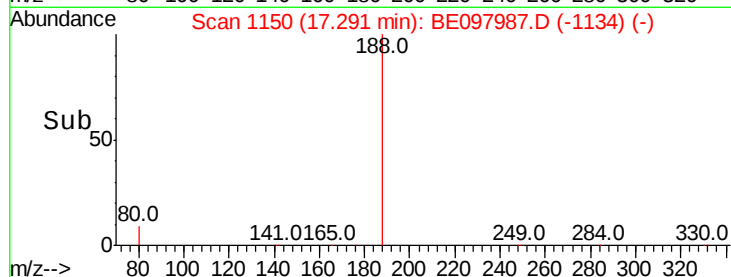
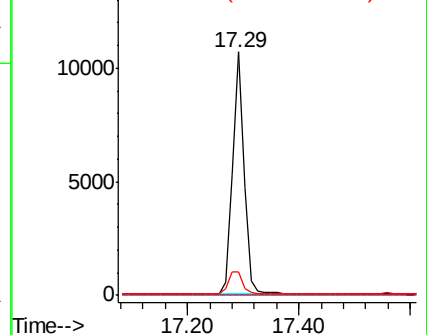
80 9.8 6.3 9.5#



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: 0.231 ng

RT: 16.48 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

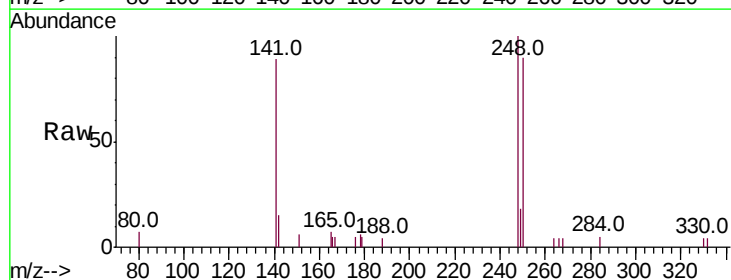
Tgt Ion:248 Resp: 1977

Ion Ratio Lower Upper

248 100

250 90.0 75.1 112.7

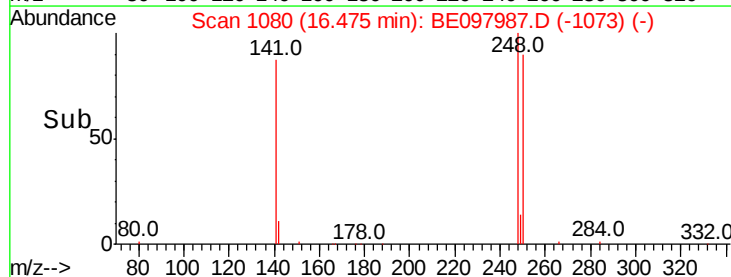
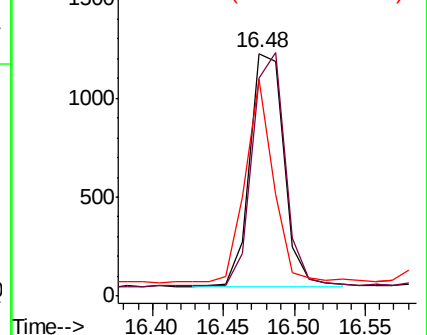
141 89.4 51.8 77.8#

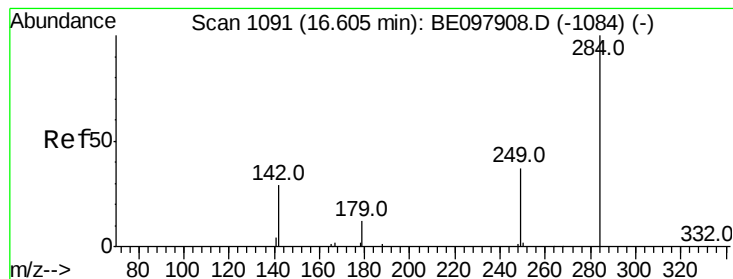


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.244 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

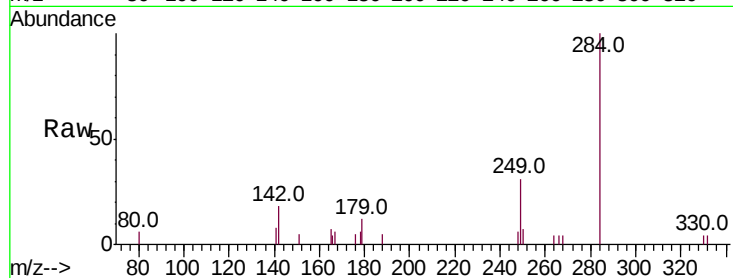
Tot Ion:284 Resp: 2061

Ion Ratio Lower Upper

284 100

142 33.7 25.9 38.9

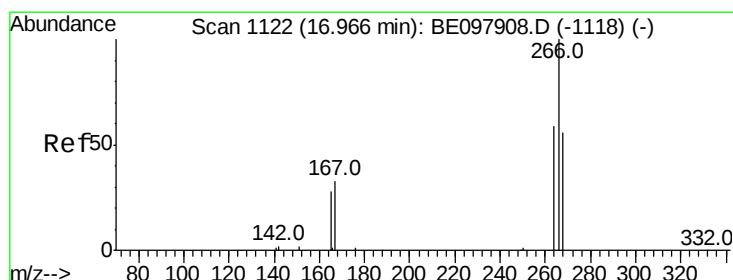
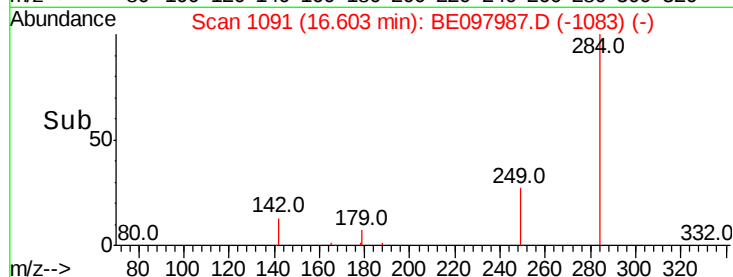
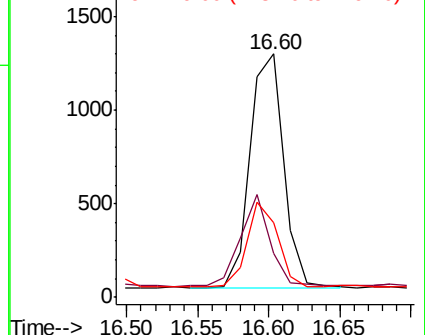
249 33.1 26.6 40.0



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: 0.589 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

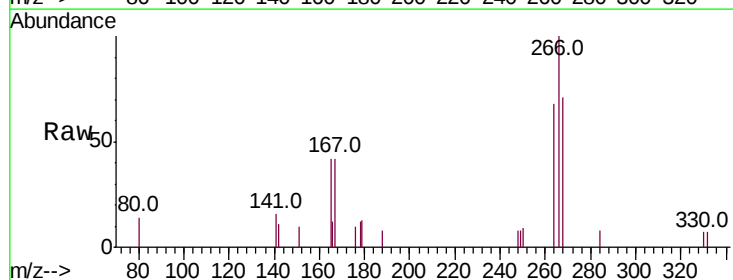
Tgt Ion:266 Resp: 1287

Ion Ratio Lower Upper

266 100

264 68.1 51.3 76.9

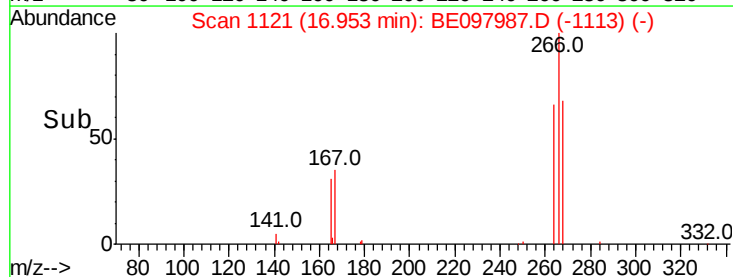
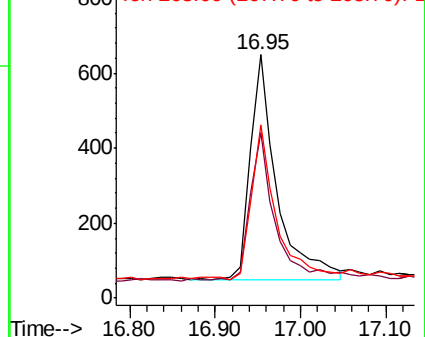
268 71.2 50.1 75.1

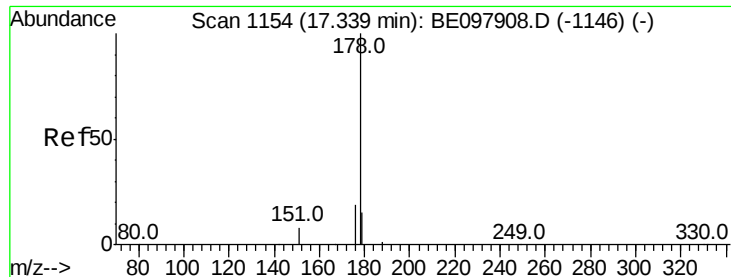


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.257 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

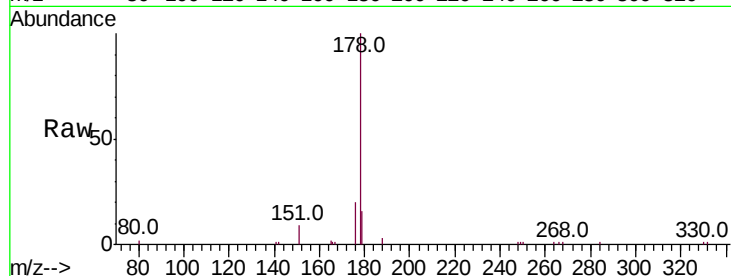
Tot Ion:178 Resp: 10251

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

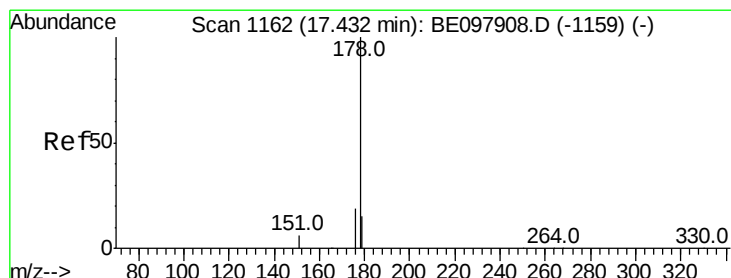
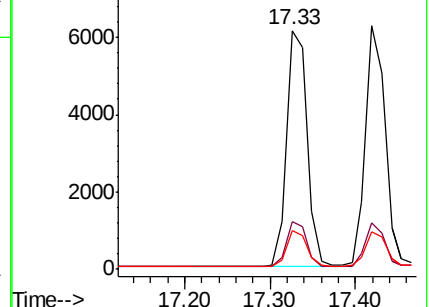
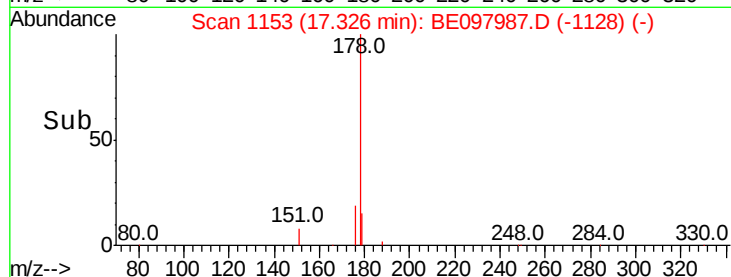
179 15.3 12.2 18.4



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: 0.264 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

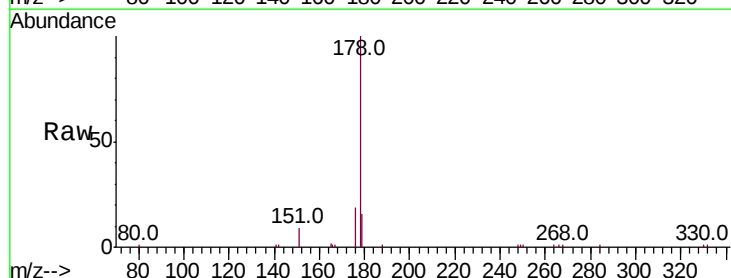
Tgt Ion:178 Resp: 9930

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

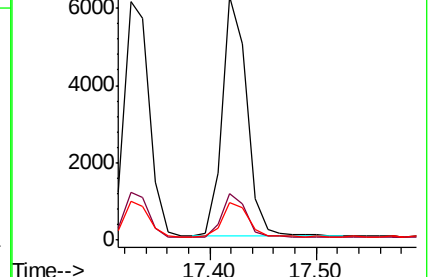
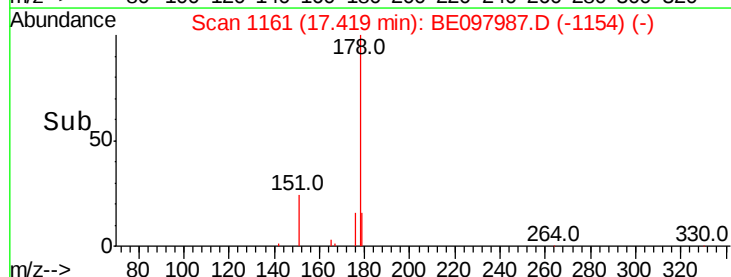
179 15.1 11.9 17.9

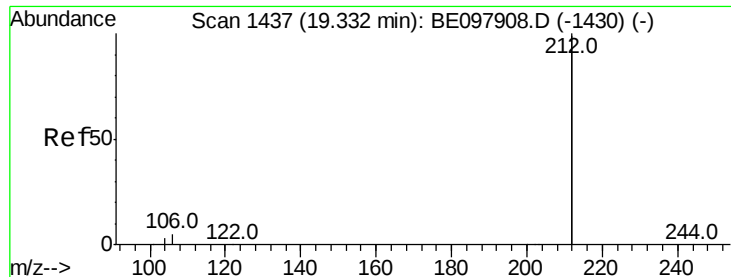


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.291 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

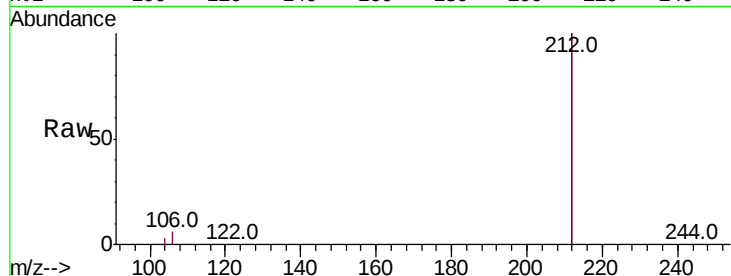
Tot Ion:212 Resp: 61871

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

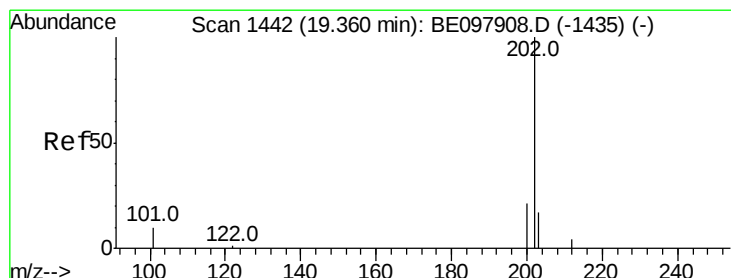
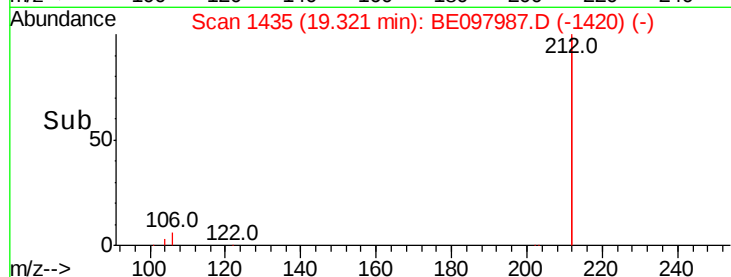
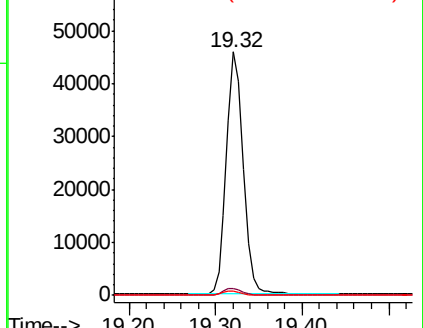
104 1.5 1.3 1.9



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: 0.302 ng

RT: 19.35 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

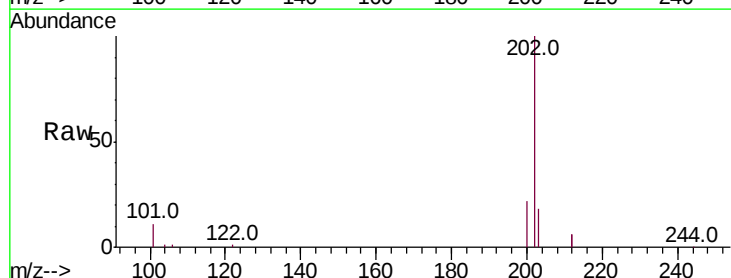
Tgt Ion:202 Resp: 15777

Ion Ratio Lower Upper

202 100

101 10.2 8.2 12.2

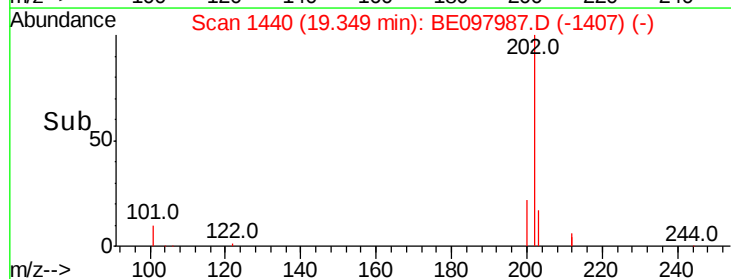
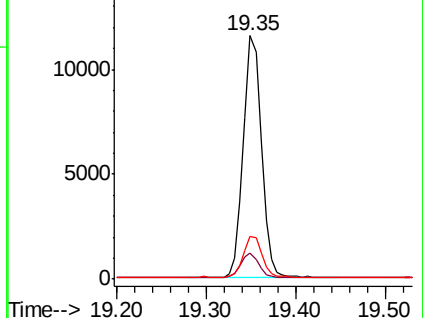
203 17.5 15.0 22.4

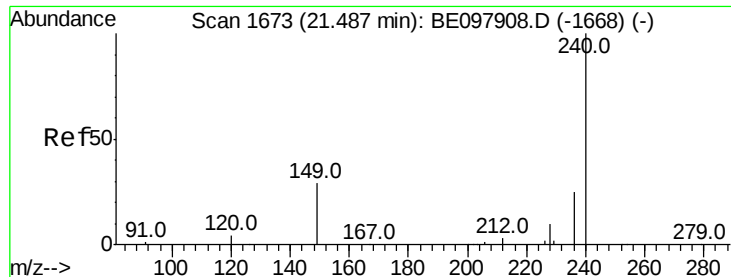


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

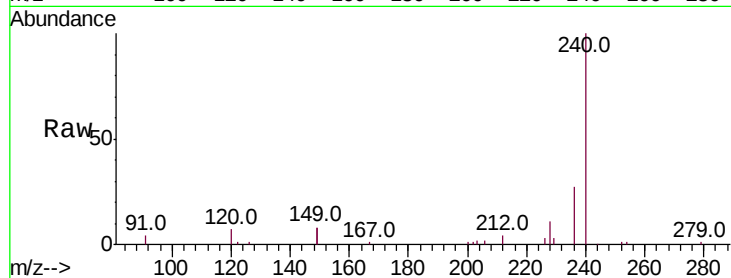
Tot Ion:240 Resp: 24301

Ion Ratio Lower Upper

240 100

120 7.1 7.1 10.7#

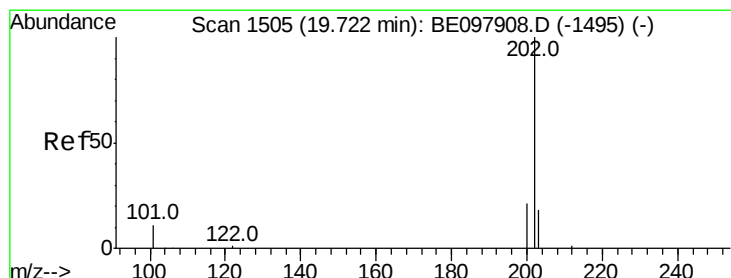
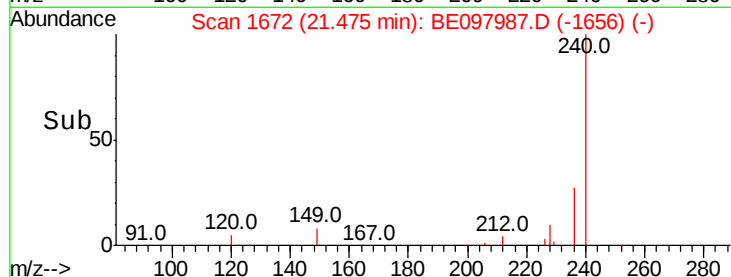
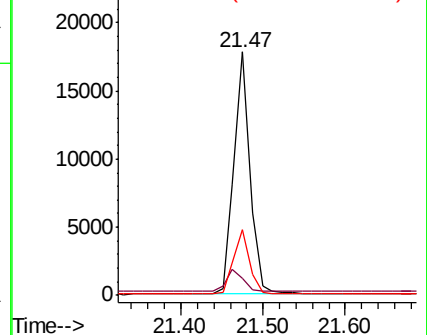
236 27.2 21.3 31.9



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: 0.237 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

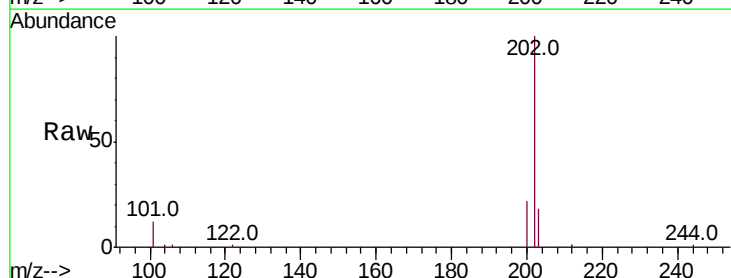
Tgt Ion:202 Resp: 16584

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

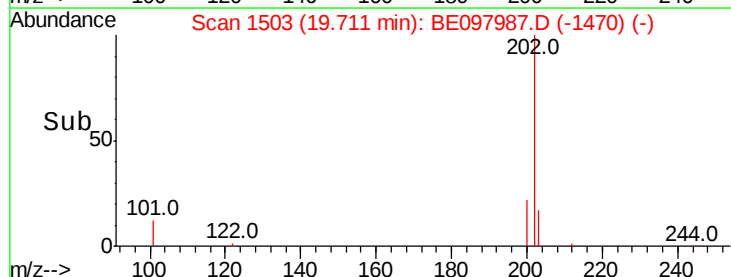
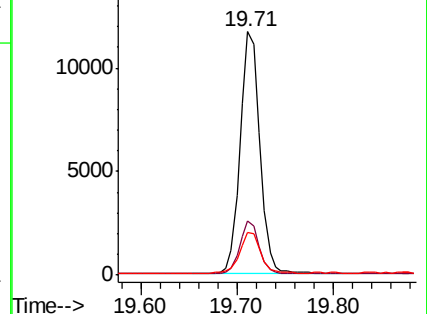
203 17.7 14.2 21.4

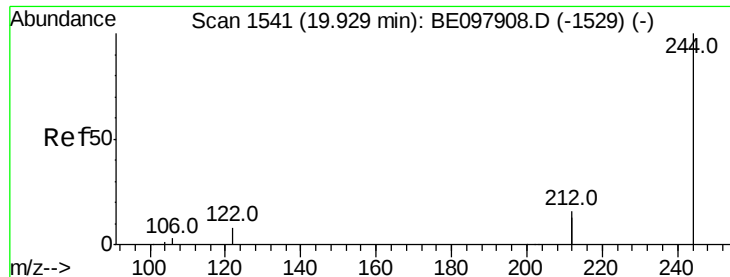


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.315 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

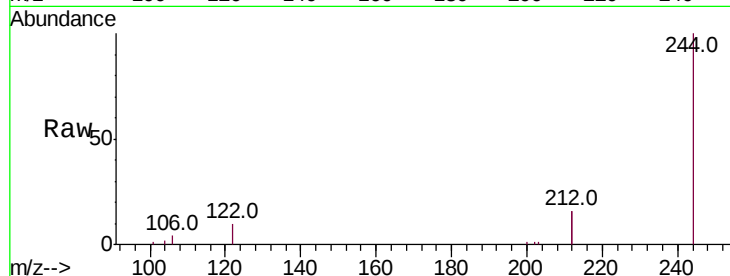
Tot Ion:244 Resp: 17521

Ion Ratio Lower Upper

244 100

212 32.2 26.2 39.2

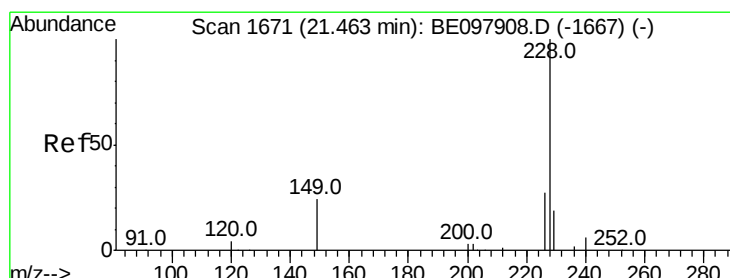
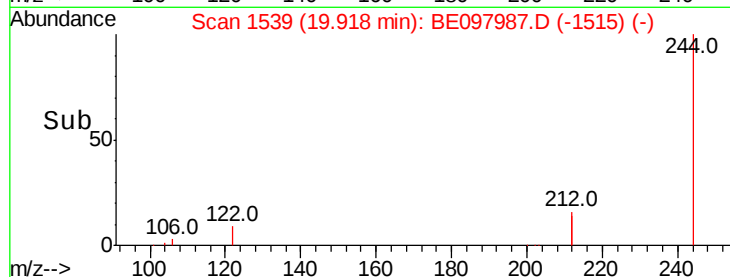
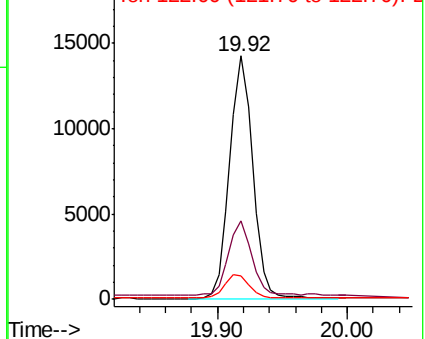
122 9.7 7.7 11.5



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: 0.265 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

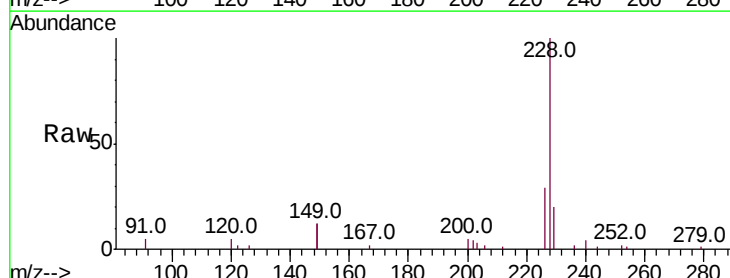
Tgt Ion:228 Resp: 19764

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

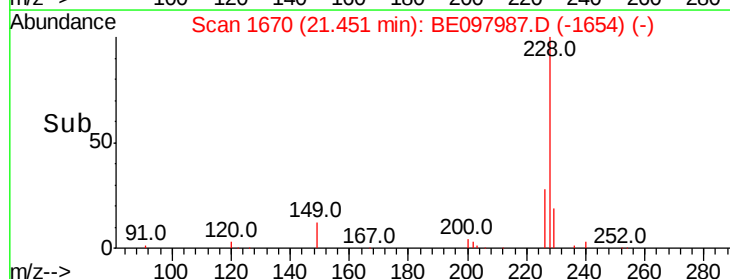
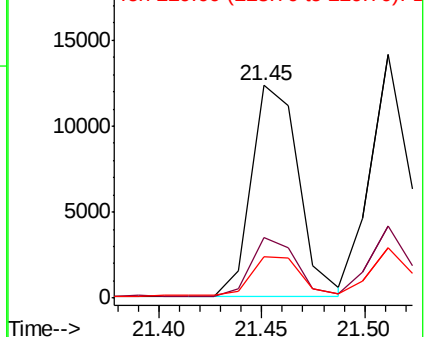
229 19.6 16.9 25.3

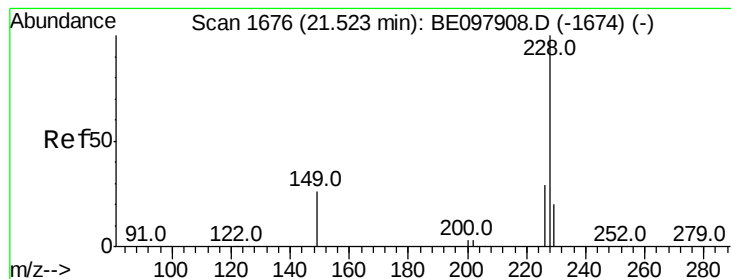


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.265 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

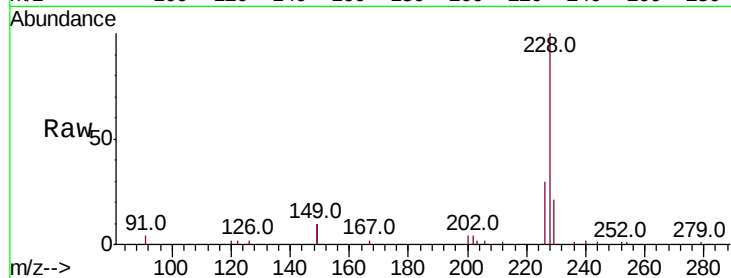
Tot Ion:228 Resp: 18736

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

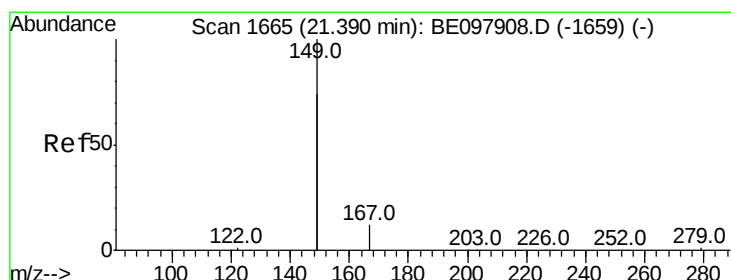
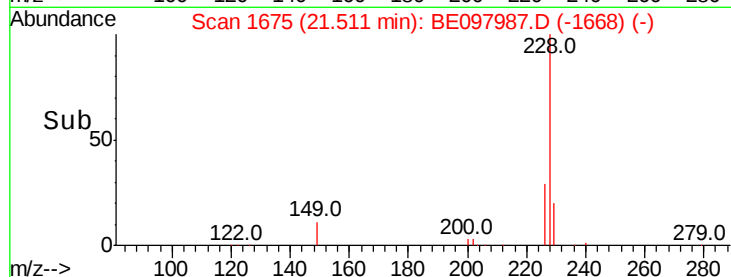
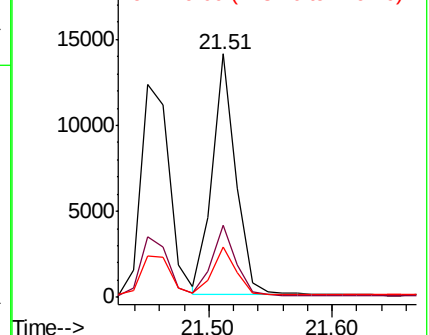
229 20.7 17.3 25.9



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: 0.189 ng

RT: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

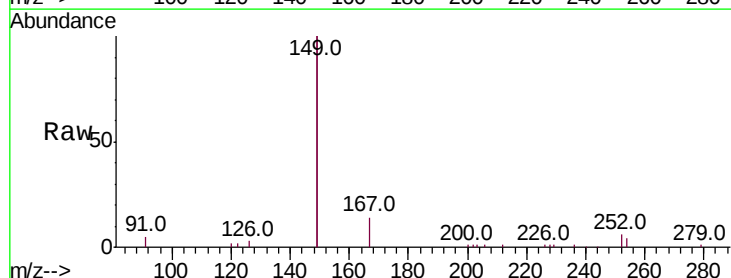
Tgt Ion:149 Resp: 43092

Ion Ratio Lower Upper

149 100

167 7.3 5.6 8.4

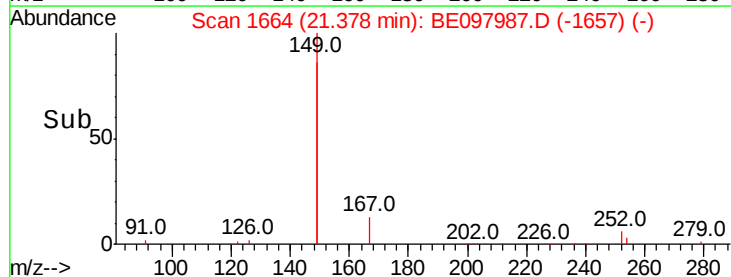
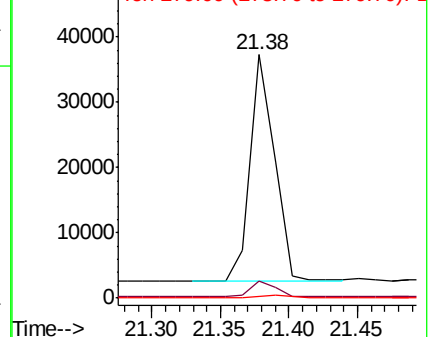
279 1.2 0.9 1.3

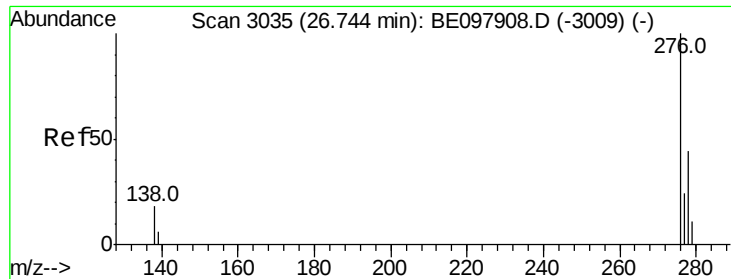


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.214 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.02 min

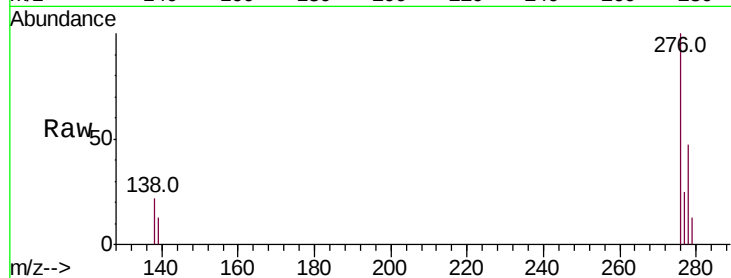
Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :



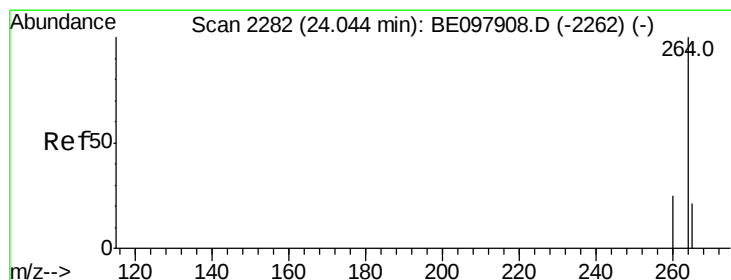
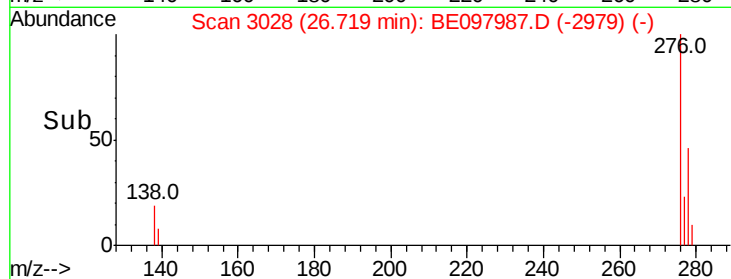
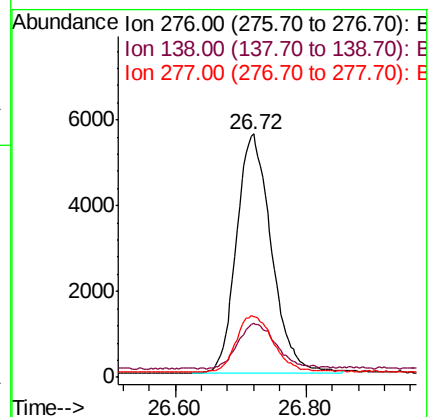
Tot Ion:276 Resp: 20879

Ion Ratio Lower Upper

276 100

138 20.5 17.0 25.6

277 25.1 20.5 30.7



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

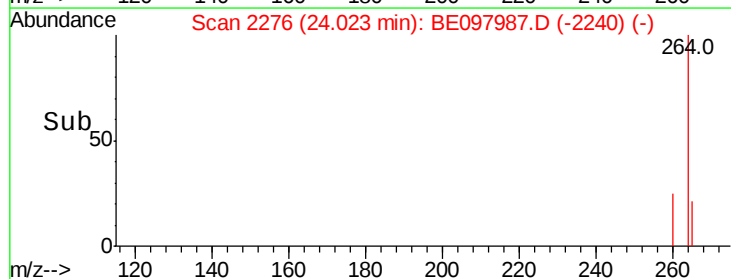
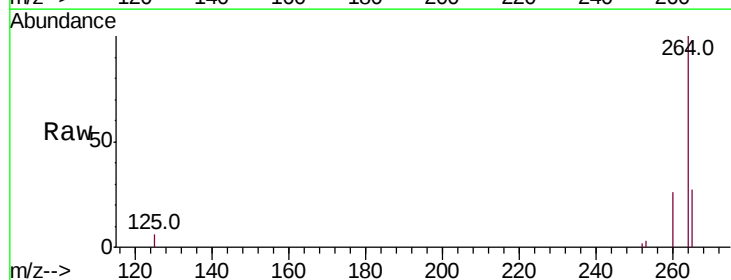
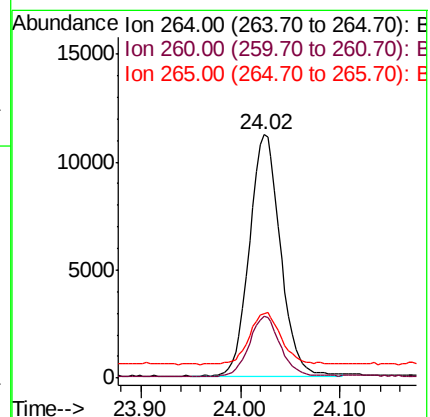
Tgt Ion:264 Resp: 24096

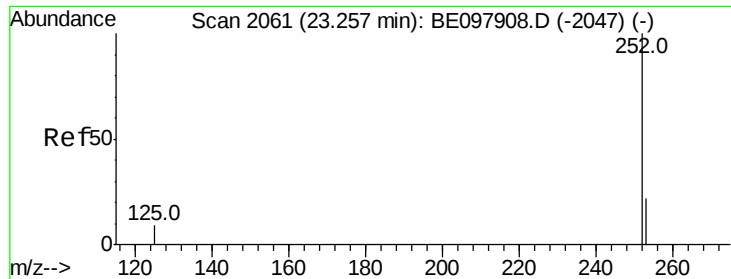
Ion Ratio Lower Upper

264 100

260 25.6 21.1 31.7

265 26.6 29.2 43.8#





#35

Benzo(b)fluoranthene

Concen: 0.268 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :

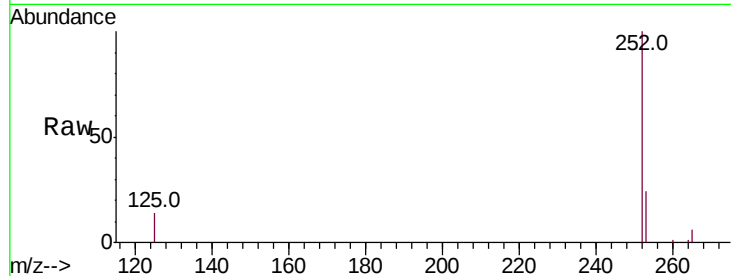
Tot Ion:252 Resp: 18591

Ion Ratio Lower Upper

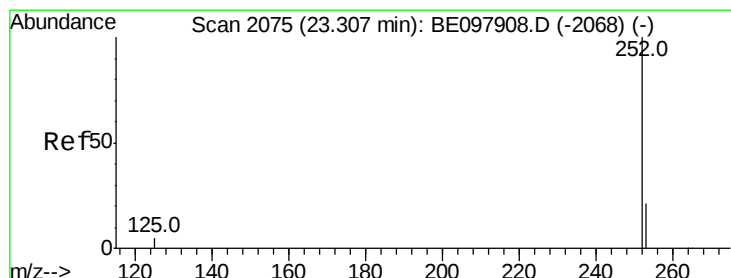
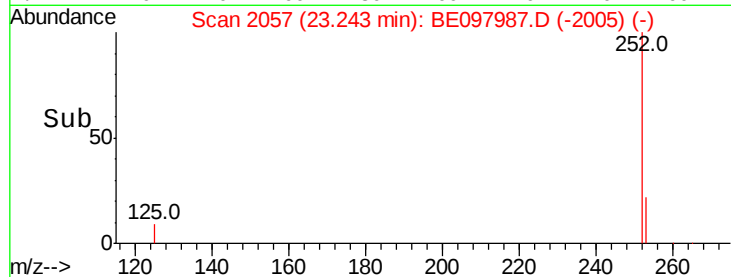
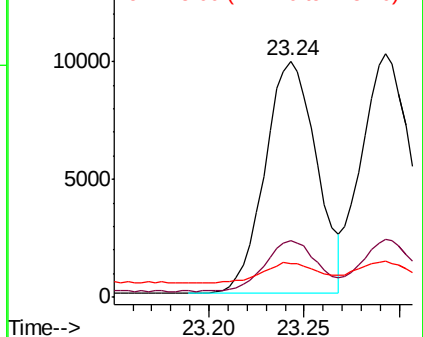
252 100

253 23.8 20.6 31.0

125 14.3 14.3 21.5



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: 0.263 ng

RT: 23.29 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

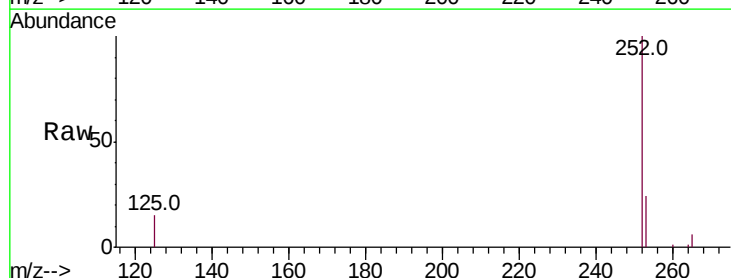
Tgt Ion:252 Resp: 19000

Ion Ratio Lower Upper

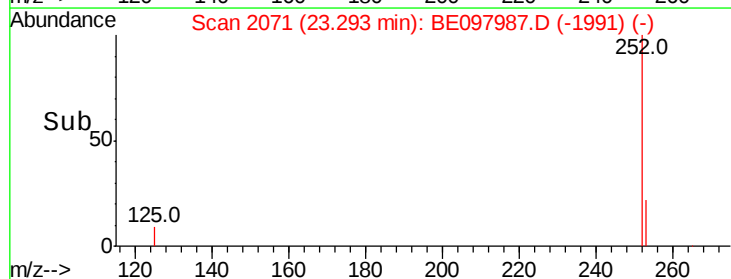
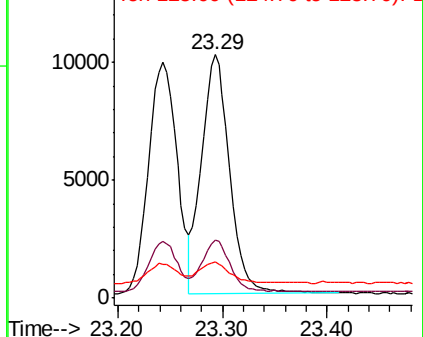
252 100

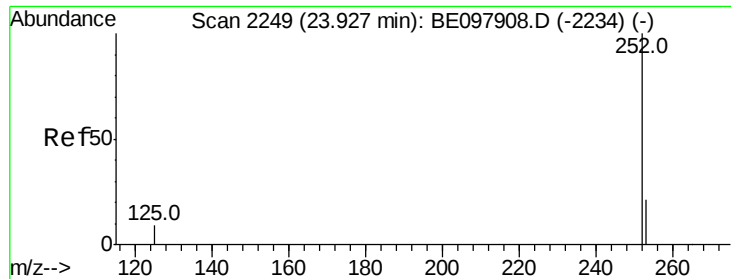
253 23.7 20.4 30.6

125 14.9 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





#37

Benzo(a)pyrene

Concen: 0.273 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampled :

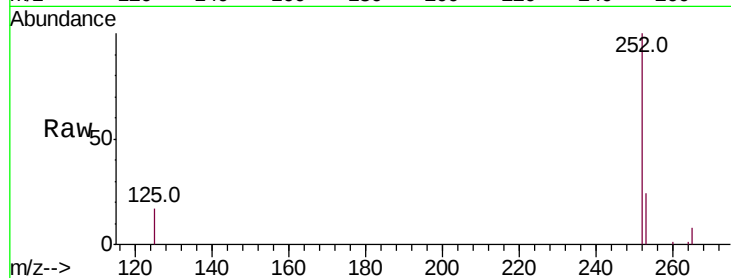
Tot Ion:252 Resp: 18423

Ion Ratio Lower Upper

252 100

253 24.0 20.6 31.0

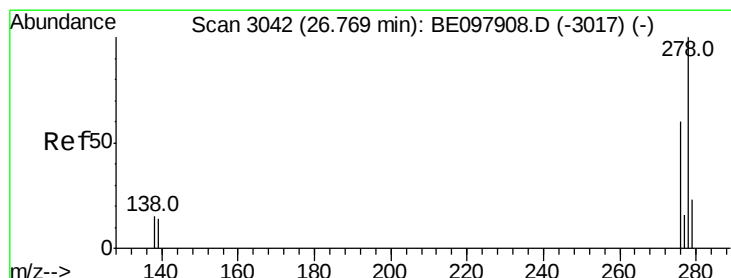
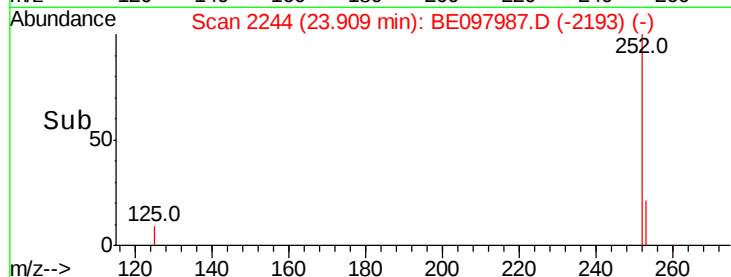
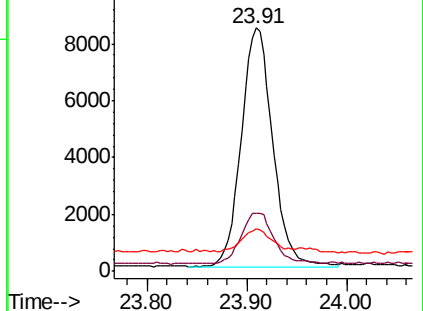
125 17.5 15.6 23.4



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: 0.258 ng

RT: 26.74 min Scan# 3034

Delta R.T. -0.03 min

Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

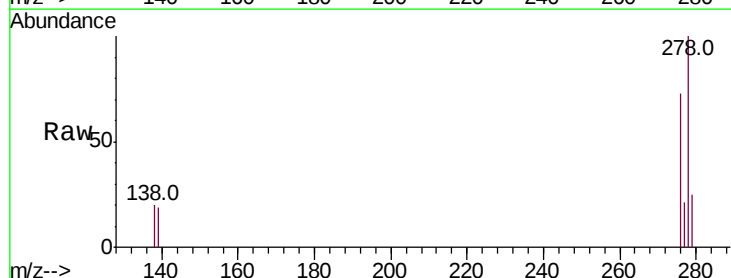
Tgt Ion:278 Resp: 17104

Ion Ratio Lower Upper

278 100

139 18.8 16.3 24.5

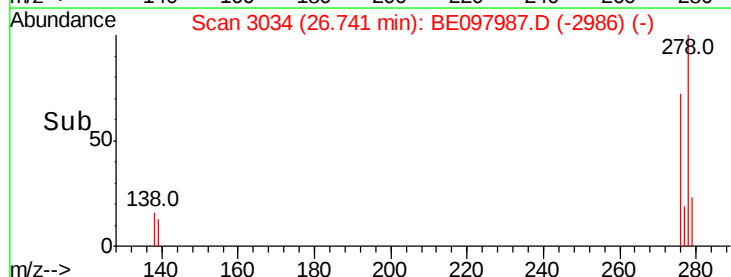
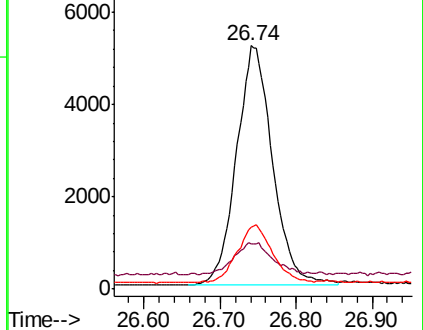
279 25.4 21.4 32.2

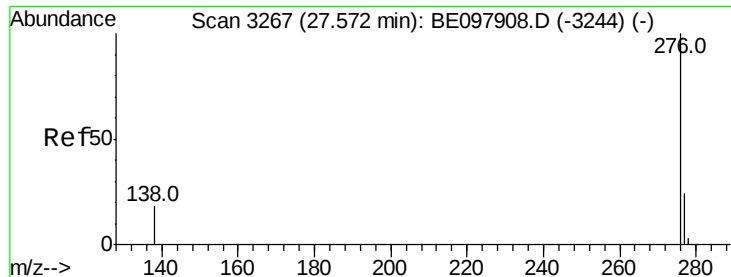


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.259 ng

RT: 27.55 min Scan# 3260

Delta R.T. -0.02 min

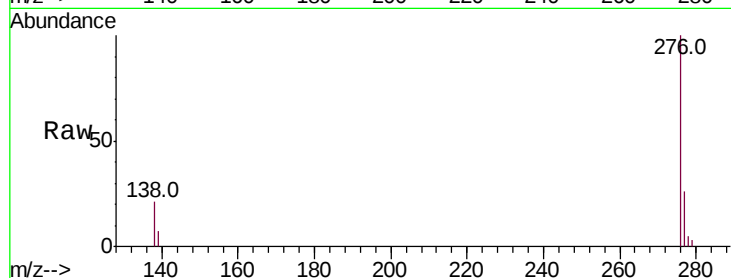
Lab File: BE097987.D

Acq: 19 Oct 2018 10:55

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 17569

Ion Ratio Lower Upper

276 100

277 26.3 22.1 33.1

138 21.2 19.3 28.9

