

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097799.D
 Acq On : 8 Oct 2018 18:43
 Operator : SJ/JU
 Sample : PB113577BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113577BS

Quant Time: Oct 09 06:58:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4762	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	18262	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8585	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	19966	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	21476	0.40	ng	-0.01
34) Perylene-d12	24.02	264	23074	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	4586	0.41	ng	0.00
5) Phenol-d6	7.04	99	6286	0.36	ng	0.00
8) Nitrobenzene-d5	9.04	82	4098	0.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	14025	0.48	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	617	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	16165	0.43	ng	-0.02
25) Fluoranthene-d10	19.32	212	90460	0.36	ng	-0.01
29) Terphenyl-d14	19.92	244	15828	0.36	ng	-0.01

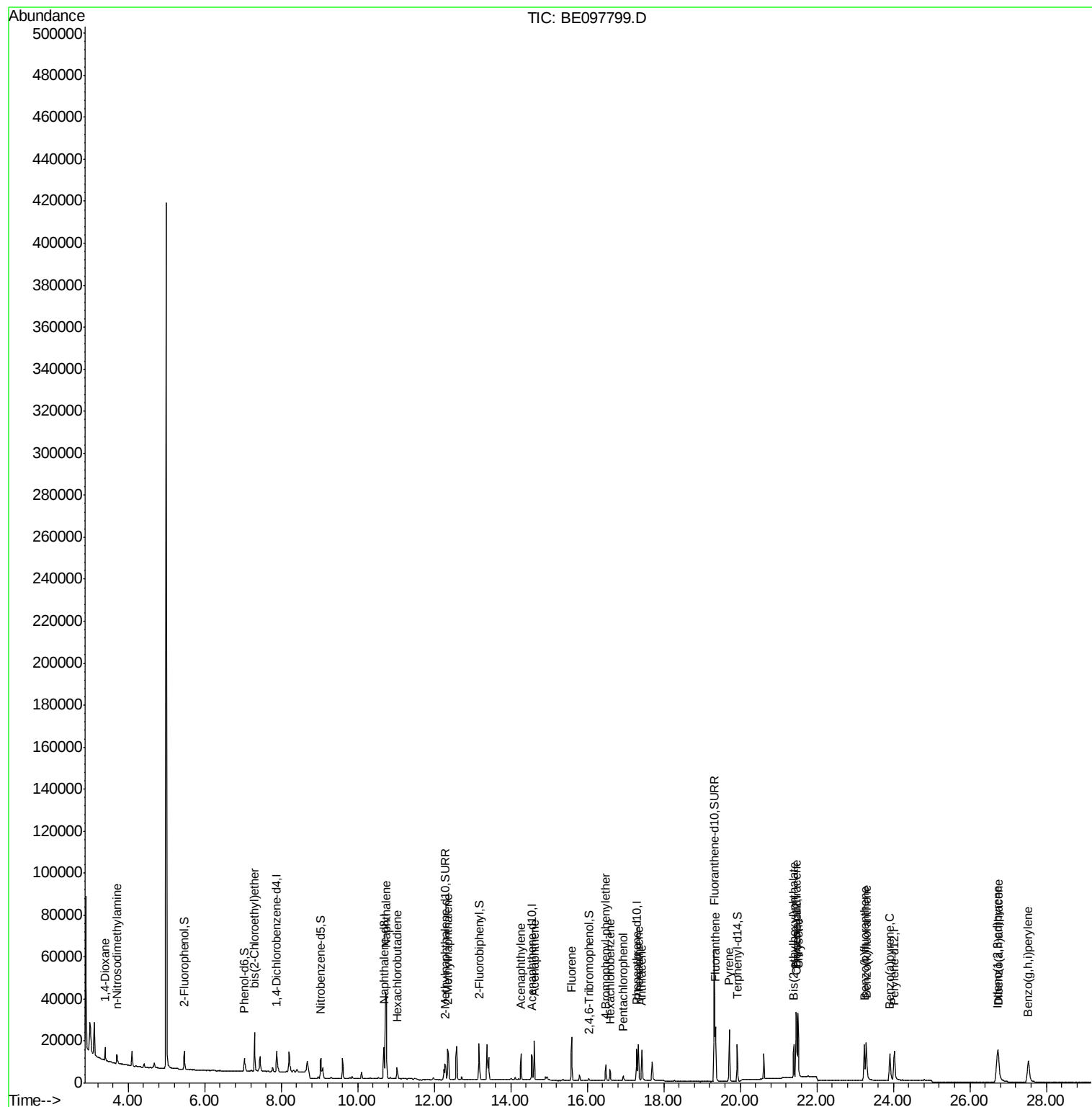
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	3803	0.401	ng	# 90
3) n-Nitrosodimethylamine	3.70	42	3458	0.401	ng	# 89
6) bis(2-Chloroethyl)ether	7.31	93	6426	0.360	ng	99
9) Naphthalene	10.73	128	74171	0.403	ng	100
10) Hexachlorobutadiene	11.03	225	3719	0.381	ng	99
12) 2-Methylnaphthalene	12.35	142	12094	0.411	ng	97
16) Acenaphthylene	14.27	152	14583	0.384	ng	98
17) Acenaphthene	14.61	154	9545	0.392	ng	97
18) Fluorene	15.59	166	12316	0.381	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4096	0.391	ng	98
21) Hexachlorobenzene	16.59	284	4406	0.374	ng	96
22) Pentachlorophenol	16.94	266	1379	0.746	ng	98
23) Phenanthrene	17.34	178	20787	0.404	ng	99
24) Anthracene	17.42	178	17450	0.393	ng	99
26) Fluoranthene	19.35	202	23853	0.364	ng	100
28) Pyrene	19.71	202	23778	0.436	ng	100
30) Benzo(a)anthracene	21.46	228	24344	0.422	ng	99
31) Chrysene	21.51	228	27919	0.433	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	17959	0.425	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	31302	0.558	ng	98
35) Benzo(b)fluoranthene	23.24	252	25596	0.404	ng	98
36) Benzo(k)fluoranthene	23.30	252	30285	0.431	ng	98
37) Benzo(a)pyrene	23.91	252	24218	0.422	ng	98
38) Dibenzo(a,h)anthracene	26.75	278	26233	0.465	ng	98
39) Benzo(g,h,i)perylene	27.53	276	29259	0.495	ng	100

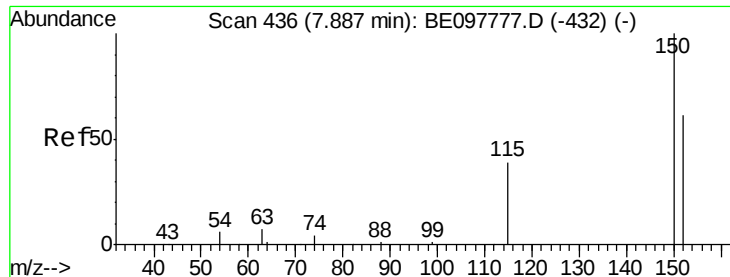
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

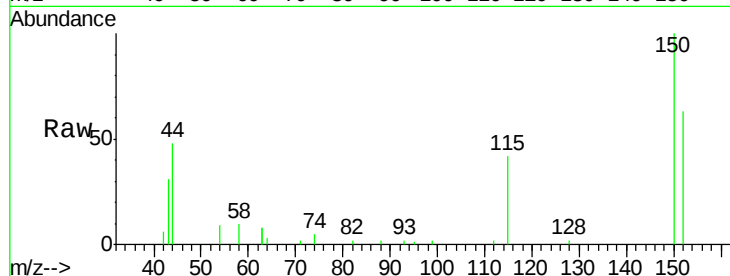
Tgt Ion:152 Resp: 4762

Ion Ratio Lower Upper

152 100

150 157.6 120.9 181.3

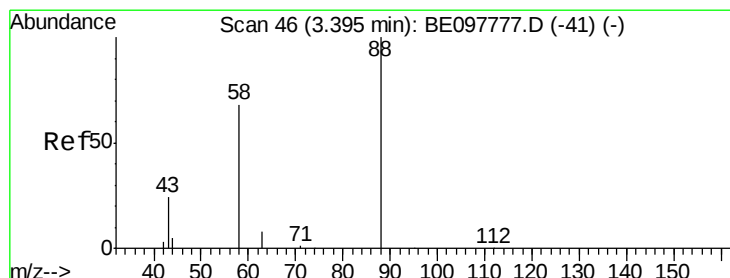
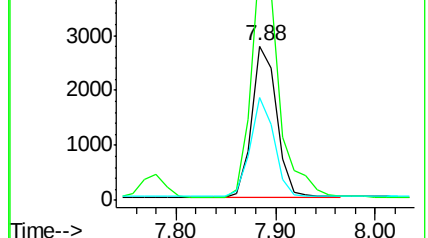
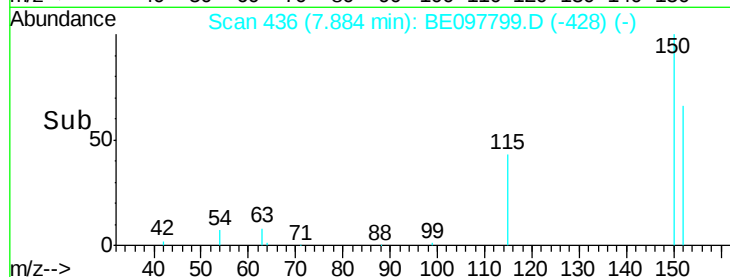
115 66.8 46.6 69.8



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: 0.401 ng

RT: 3.40 min Scan# 47

Delta R.T. 0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

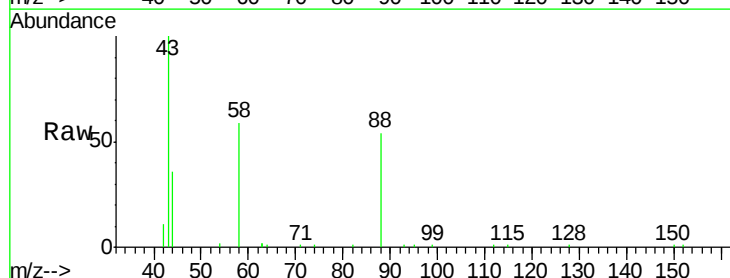
Tgt Ion: 88 Resp: 3803

Ion Ratio Lower Upper

88 100

58 84.0 70.8 106.2

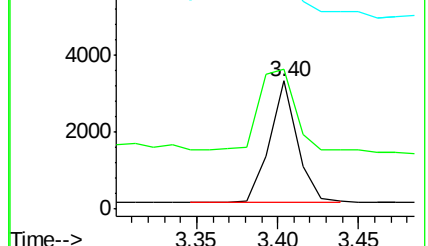
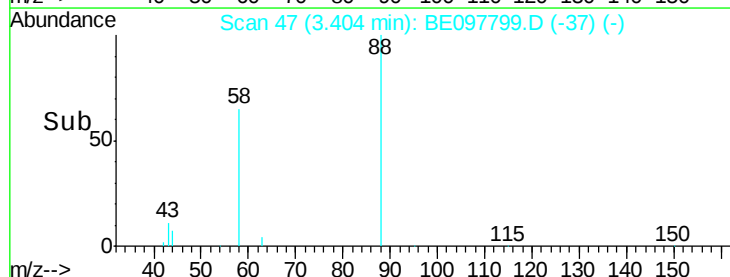
43 55.0 33.3 49.9#

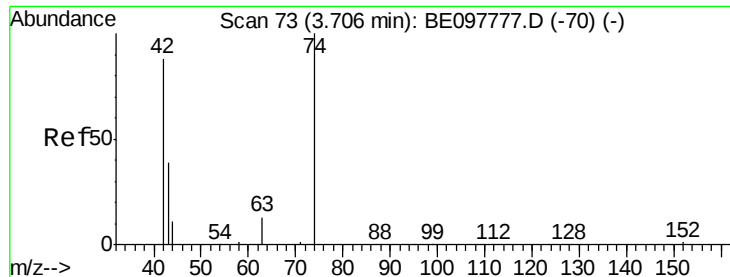


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

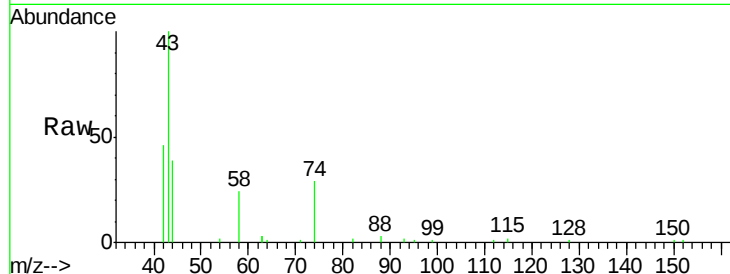
Tgt Ion: 42 Resp: 3458

Ion Ratio Lower Upper

42 100

74 96.5 70.7 106.1

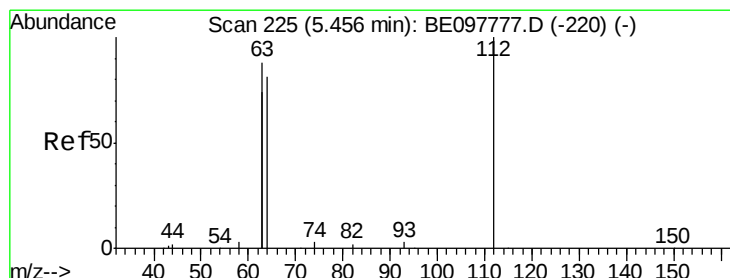
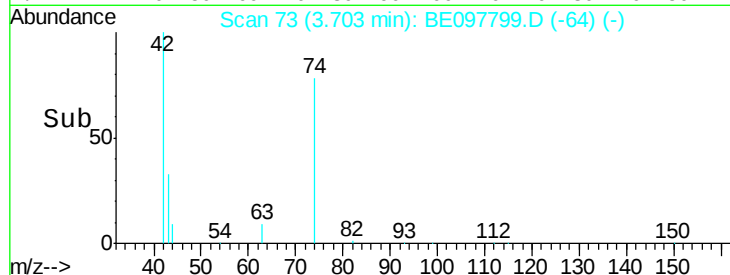
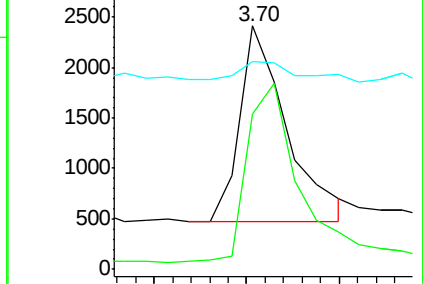
44 8.8 15.0 22.4#



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: 0.407 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

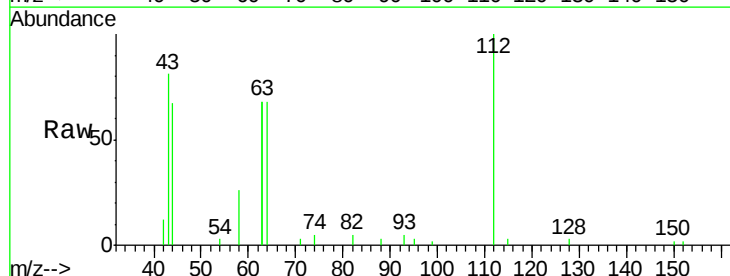
Tgt Ion: 112 Resp: 4586

Ion Ratio Lower Upper

112 100

64 71.5 56.6 84.8

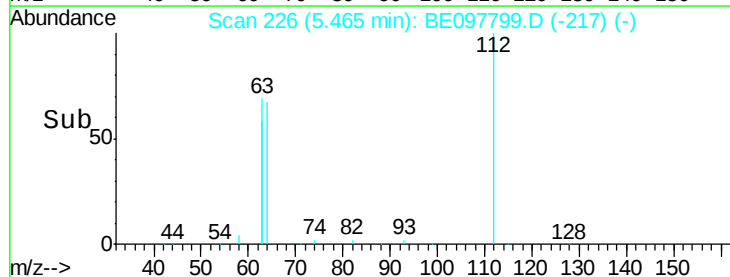
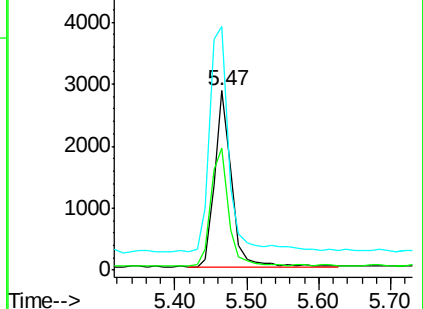
63 143.3 119.4 179.0

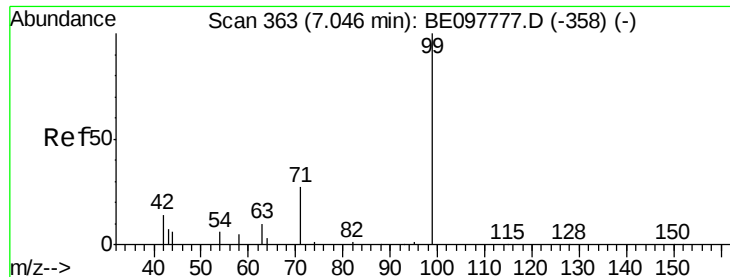


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.364 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

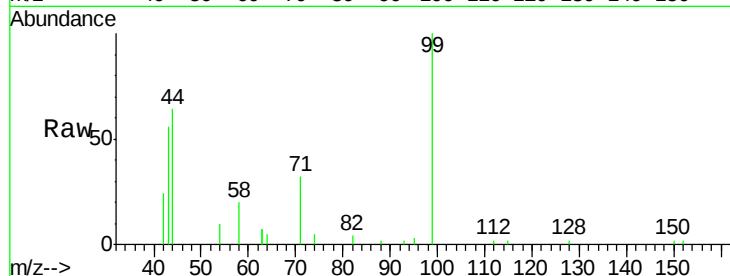
Tgt Ion: 99 Resp: 6286

Ion Ratio Lower Upper

99 100

42 22.9 19.9 29.9

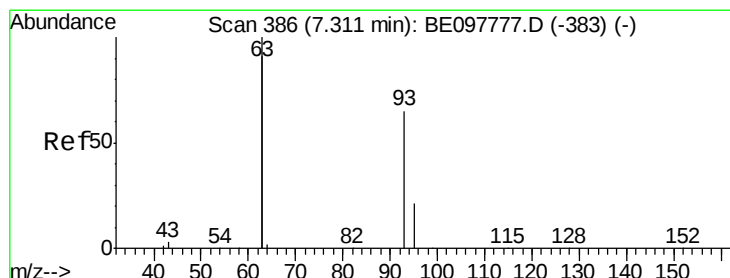
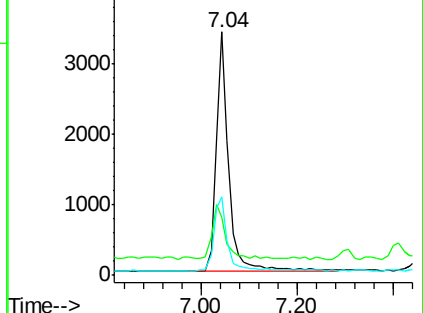
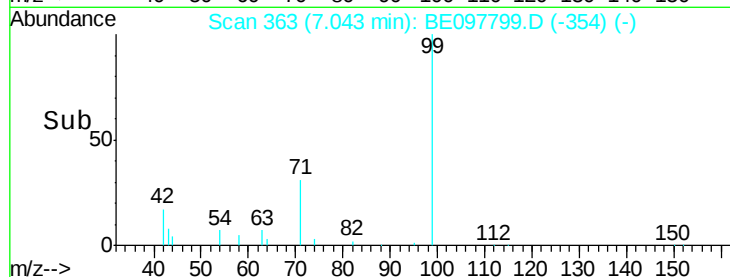
71 33.2 25.4 38.2



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: 0.360 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

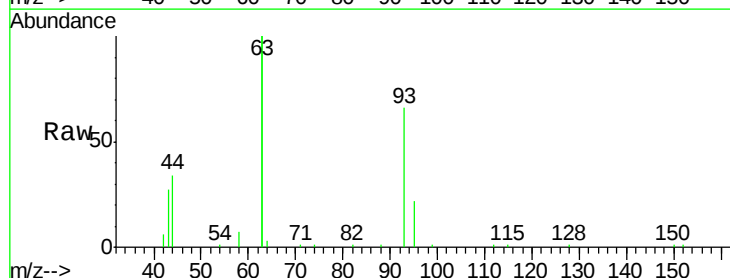
Tgt Ion: 93 Resp: 6426

Ion Ratio Lower Upper

93 100

63 331.3 266.9 400.3

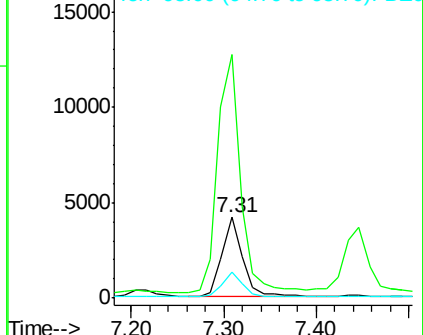
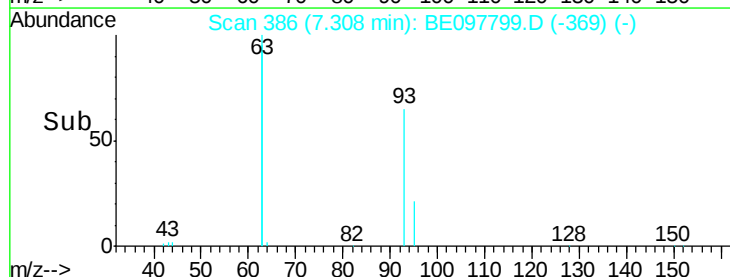
95 32.0 26.2 39.2

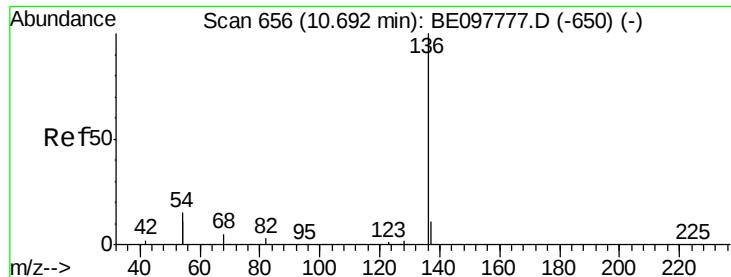


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

Tgt Ion:136 Resp: 18262

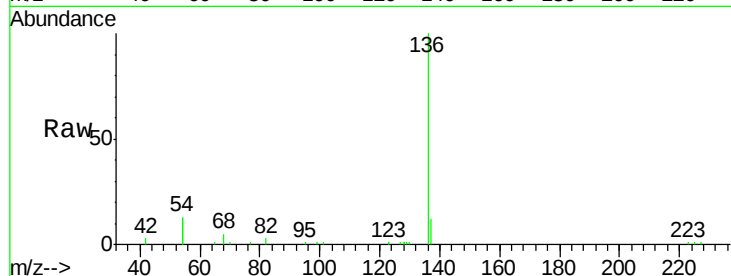
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 25.9 37.8 56.6#

68 4.8 6.4 9.6#



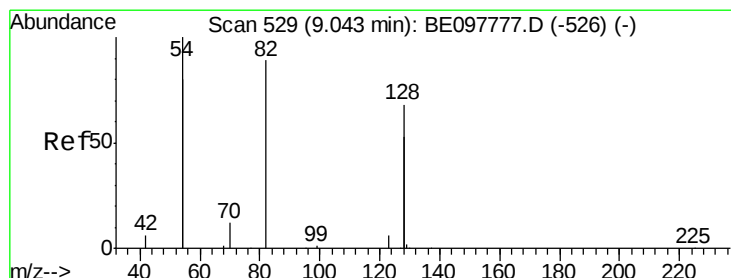
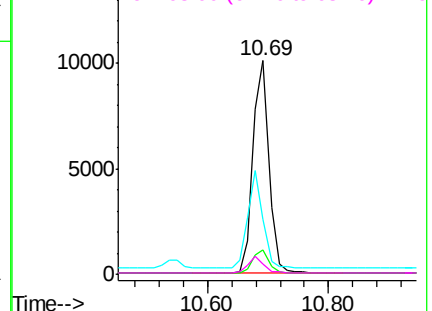
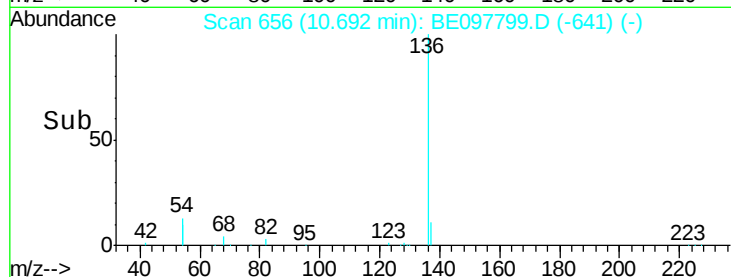
Abundance

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: 0.691 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

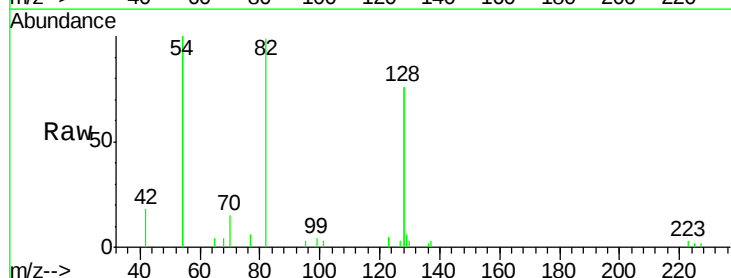
Tgt Ion: 82 Resp: 4098

Ion Ratio Lower Upper

82 100

128 154.1 97.0 145.4#

54 202.3 206.9 310.3#

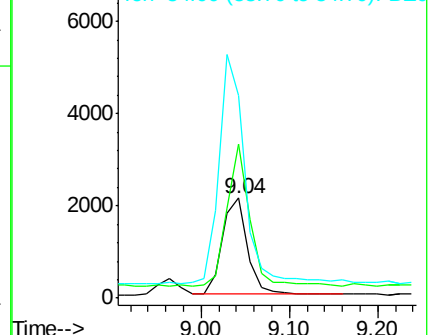
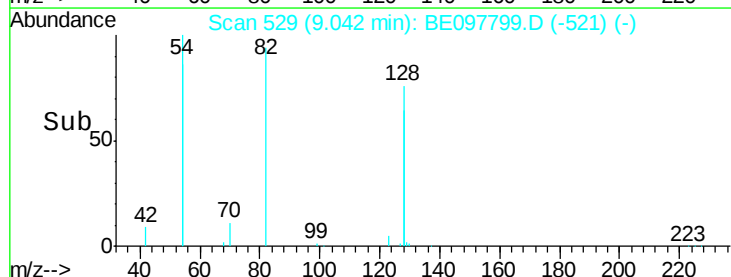


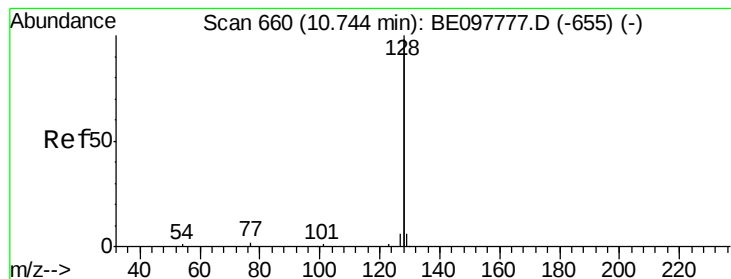
Abundance

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: 0.403 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

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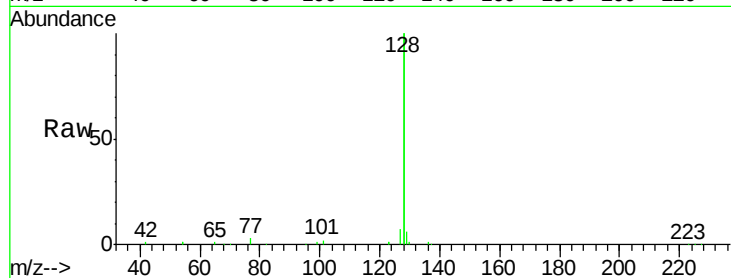
Tgt Ion:128 Resp: 74171

Ion Ratio Lower Upper

128 100

129 3.0 2.2 3.2

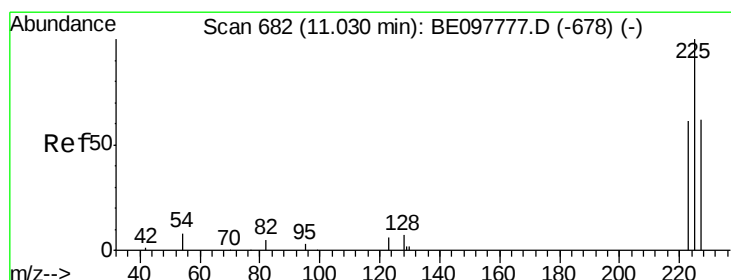
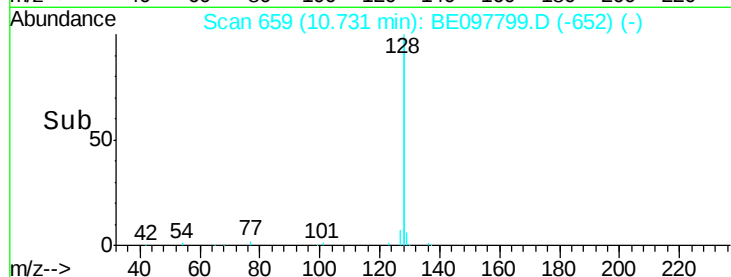
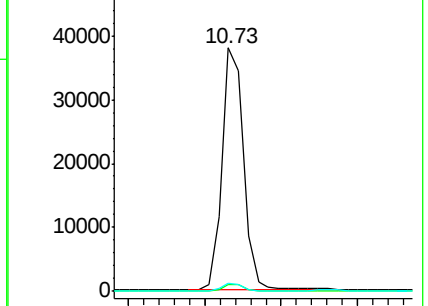
127 3.5 2.7 4.1



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: 0.381 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

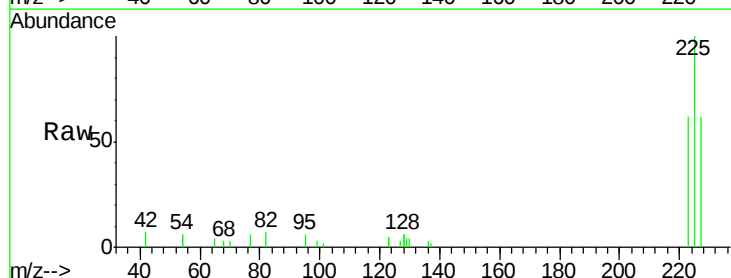
Tgt Ion:225 Resp: 3719

Ion Ratio Lower Upper

225 100

223 63.8 52.2 78.4

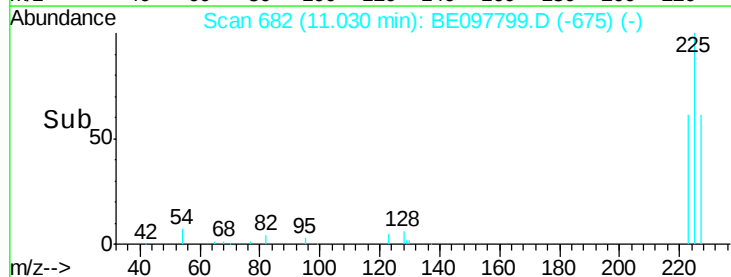
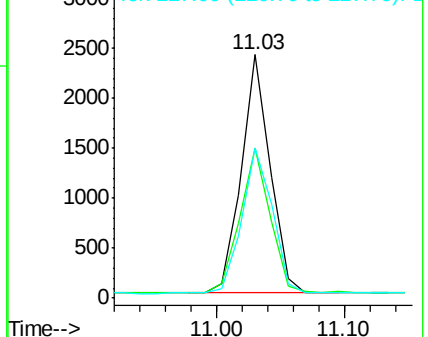
227 64.5 51.2 76.8

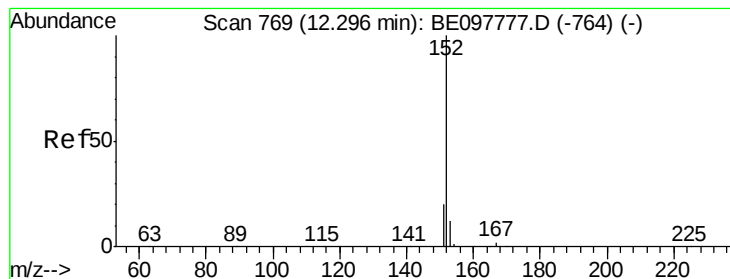


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.483 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

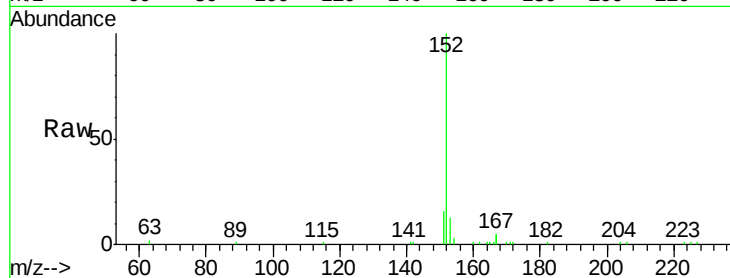
PB113577BS

Tgt Ion:152 Resp: 14025

Ion Ratio Lower Upper

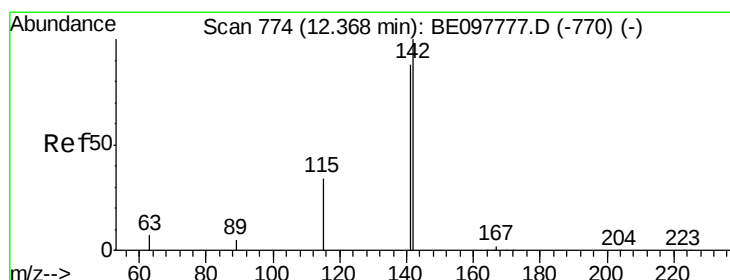
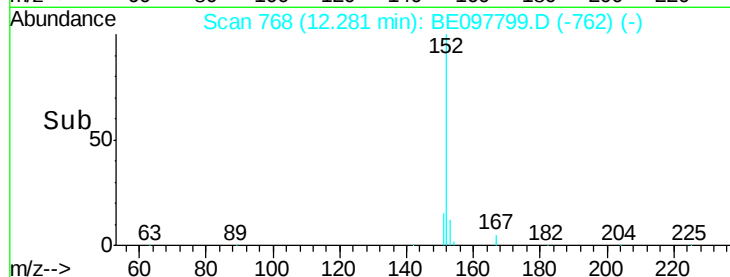
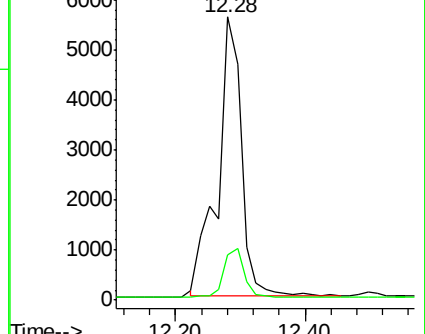
152 100

151 15.2 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.02 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

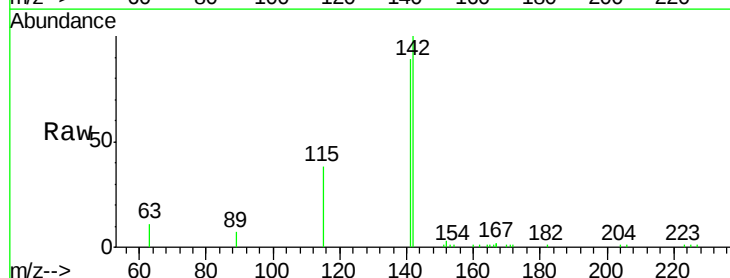
Tgt Ion:142 Resp: 12094

Ion Ratio Lower Upper

142 100

141 88.9 69.4 104.2

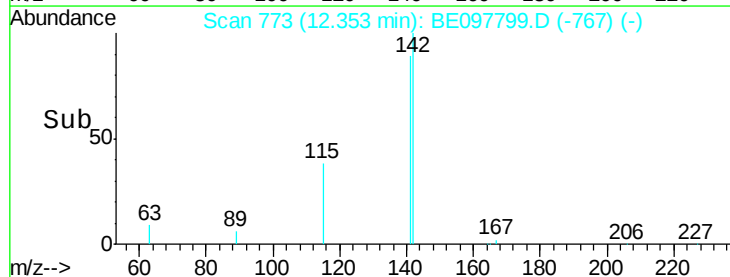
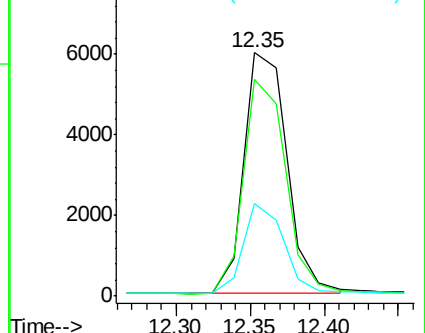
115 38.3 28.0 42.0

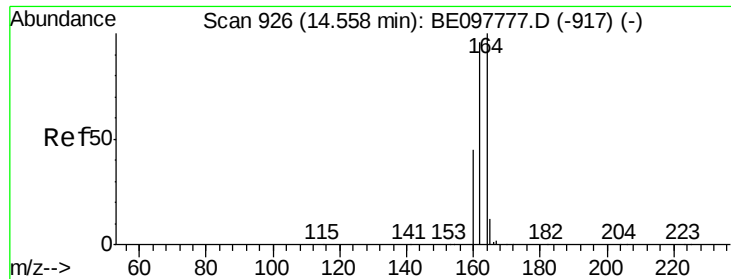


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

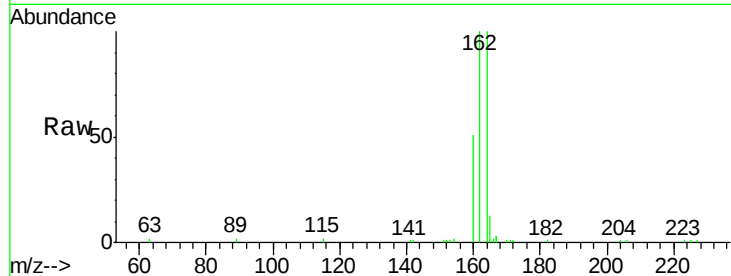
Tgt Ion:164 Resp: 8585

Ion Ratio Lower Upper

164 100

162 99.7 78.6 117.8

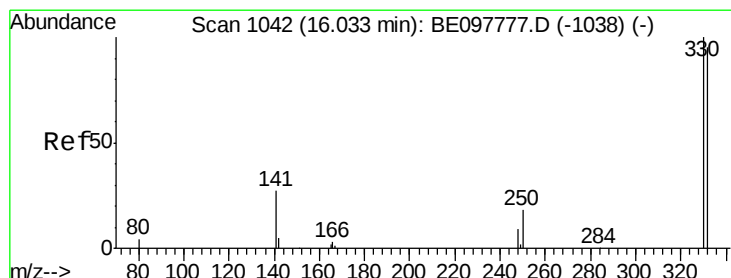
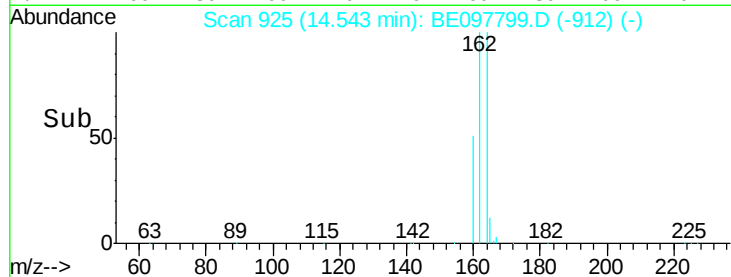
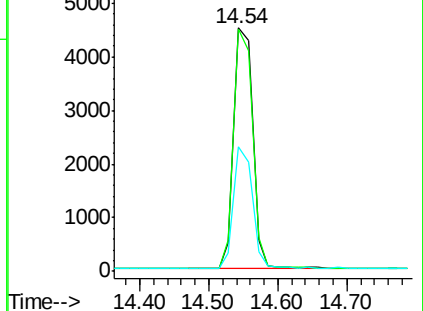
160 51.2 37.8 56.6



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: 0.397 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

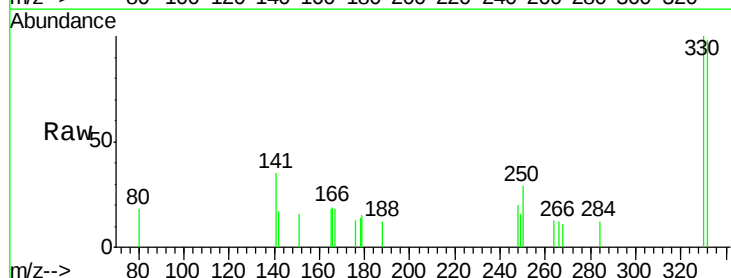
Tgt Ion:330 Resp: 617

Ion Ratio Lower Upper

330 100

332 98.5 83.5 125.3

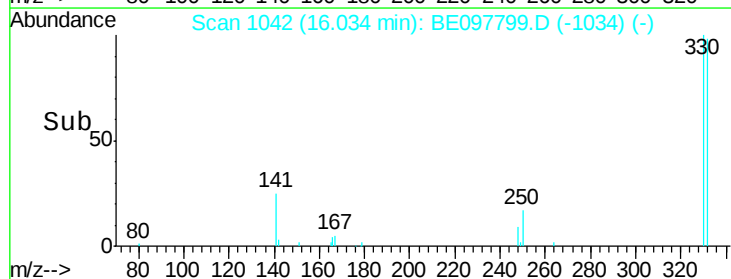
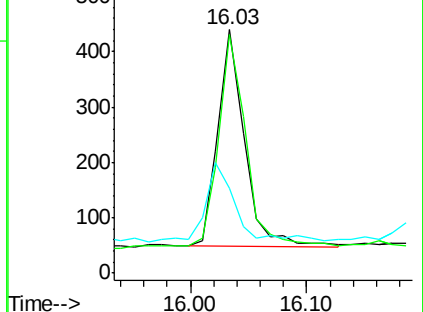
141 39.4 34.9 52.3

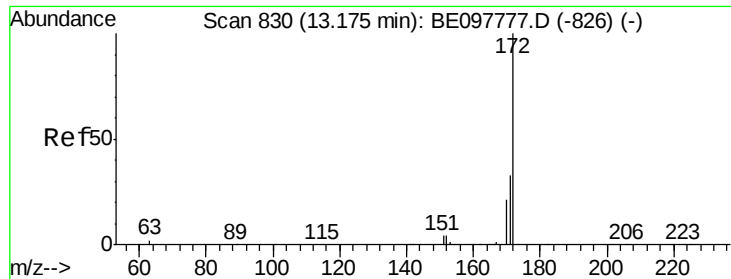


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

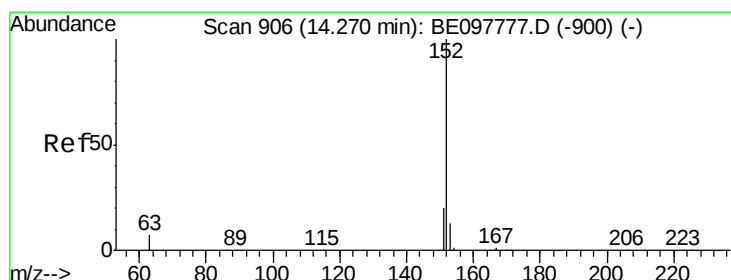
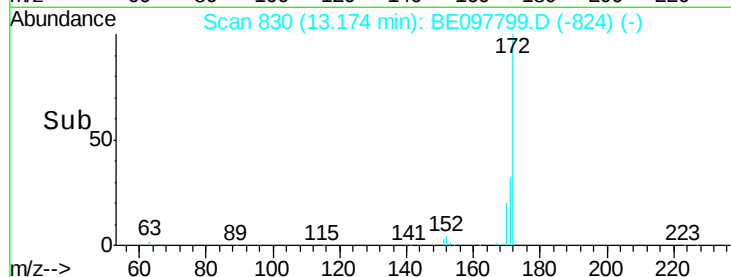
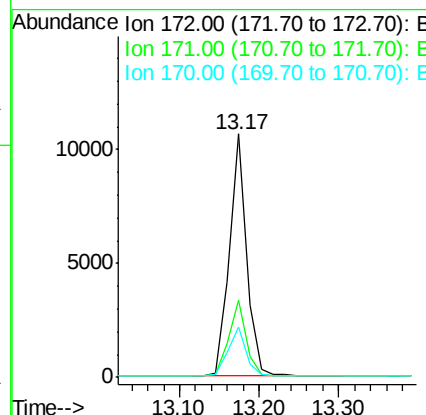
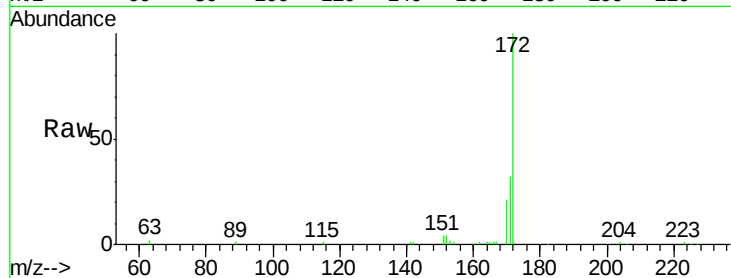




#15
 2-Fluorobiphenyl
 Concen: 0.428 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097799.D
 Acq: 8 Oct 2018 18:43

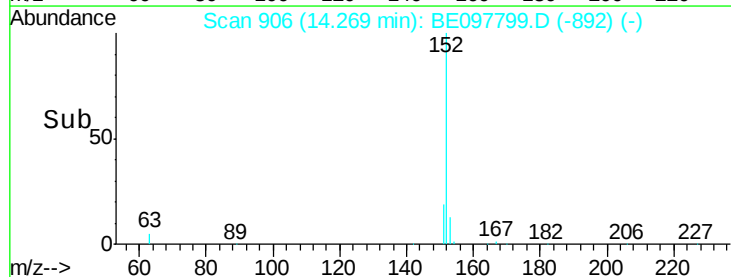
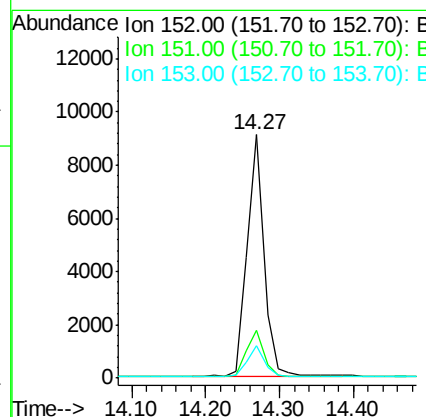
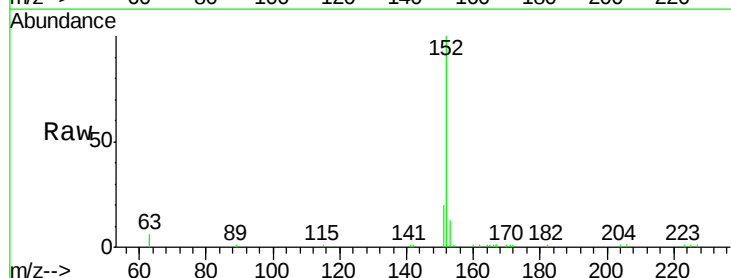
Instrument :
 BNA_E
 ClientSampleId :
 PB113577BS

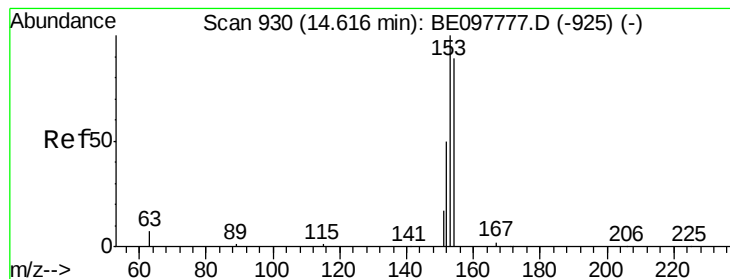
Tgt Ion:172 Resp: 16165
 Ion Ratio Lower Upper
 172 100
 171 31.9 25.2 37.8
 170 20.9 16.2 24.2



#16
 Acenaphthylene
 Concen: 0.384 ng
 RT: 14.27 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097799.D
 Acq: 8 Oct 2018 18:43

Tgt Ion:152 Resp: 14583
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.3 22.9
 153 13.2 10.8 16.2





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

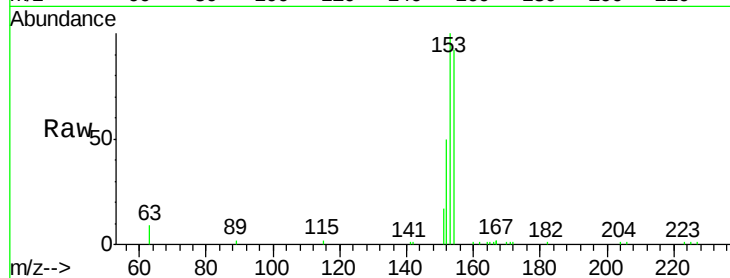
Tgt Ion:154 Resp: 9545

Ion Ratio Lower Upper

154 100

153 113.4 93.3 139.9

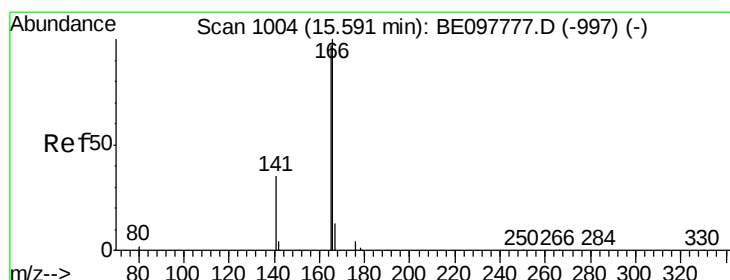
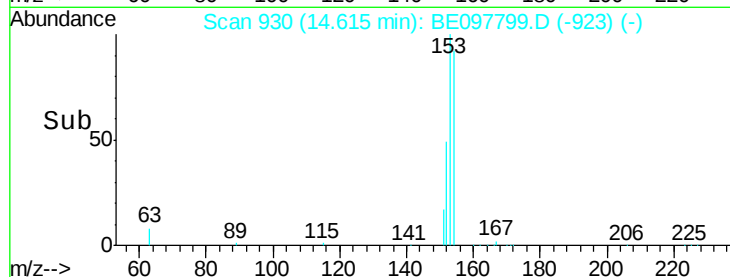
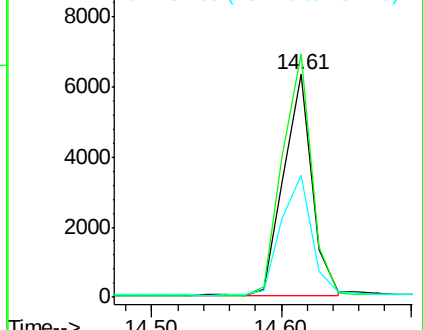
152 58.8 48.9 73.3



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: 0.381 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

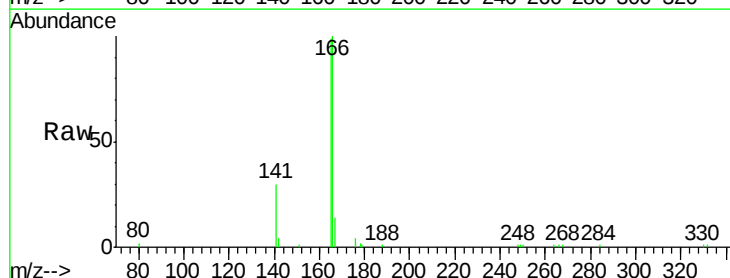
Tgt Ion:166 Resp: 12316

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

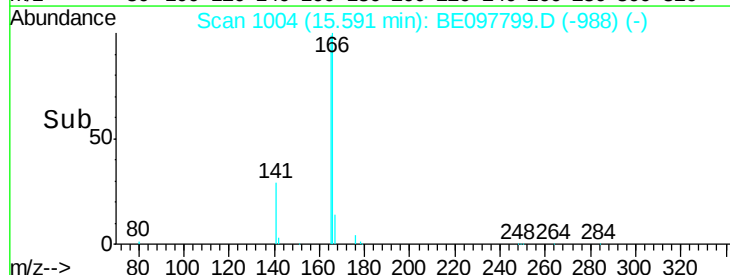
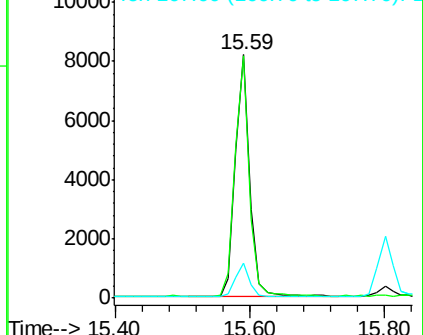
167 13.3 11.1 16.7

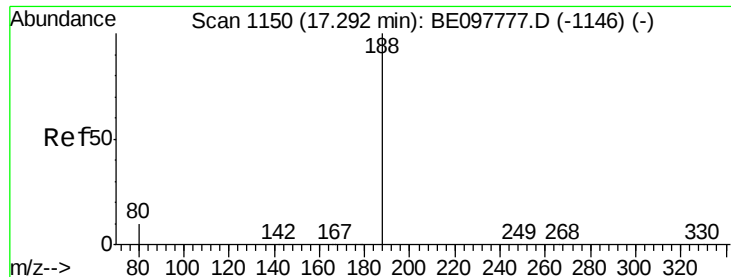


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

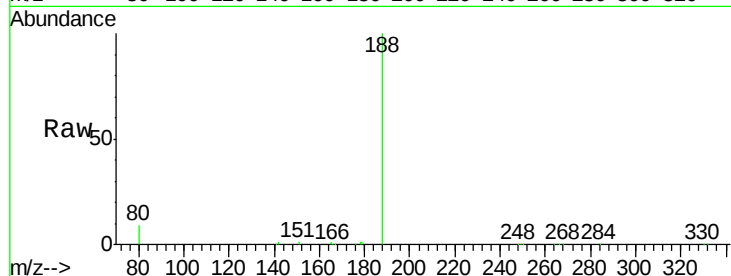
Tgt Ion:188 Resp: 19966

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

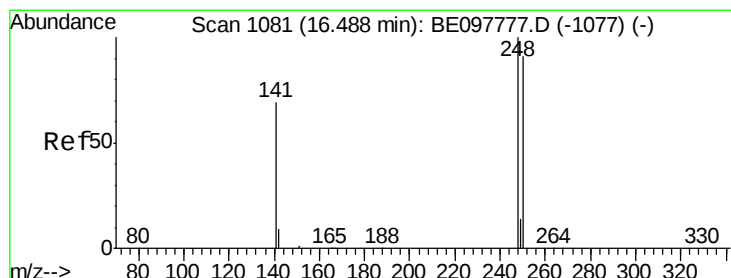
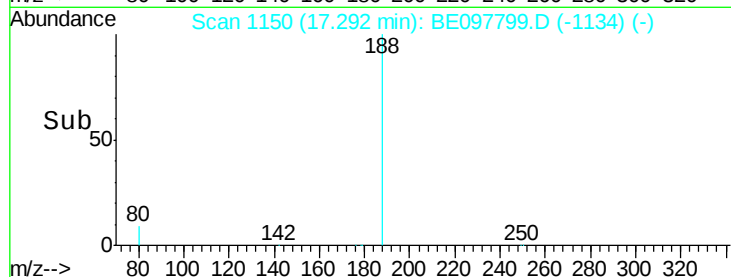
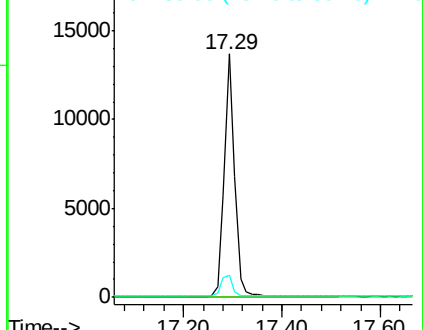
80 9.2 6.6 9.8



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: 0.391 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

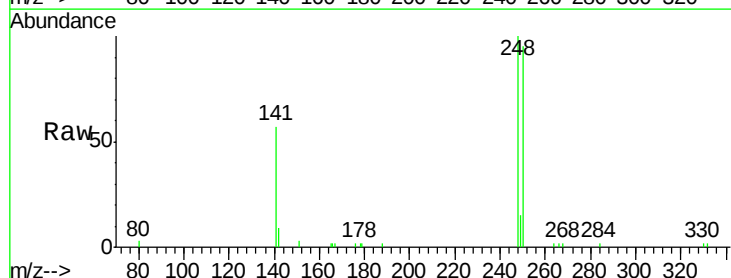
Tgt Ion:248 Resp: 4096

Ion Ratio Lower Upper

248 100

250 94.5 76.1 114.1

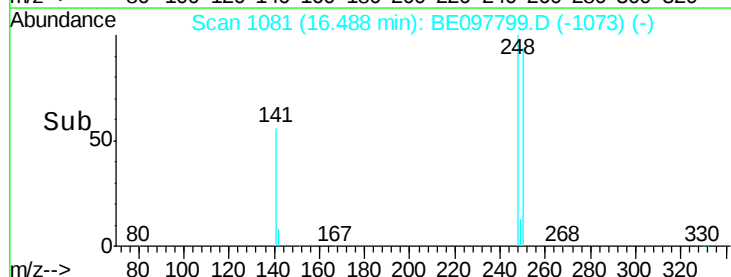
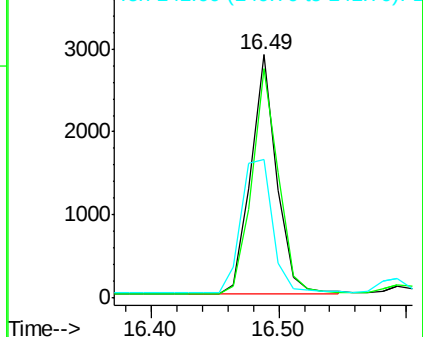
141 56.7 42.2 63.4

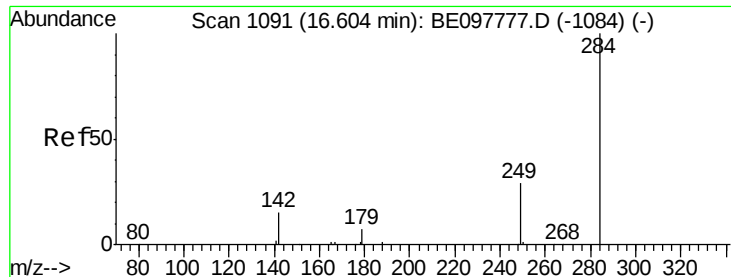


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

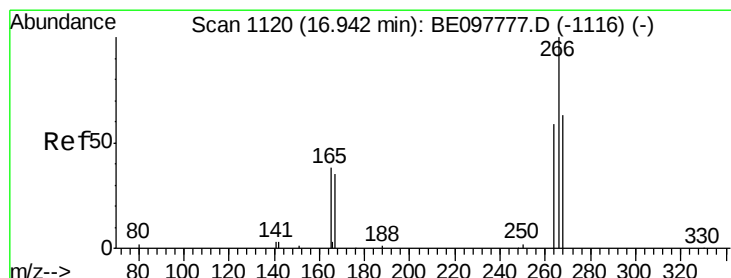
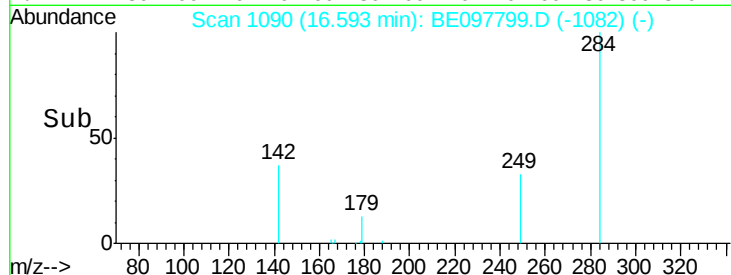
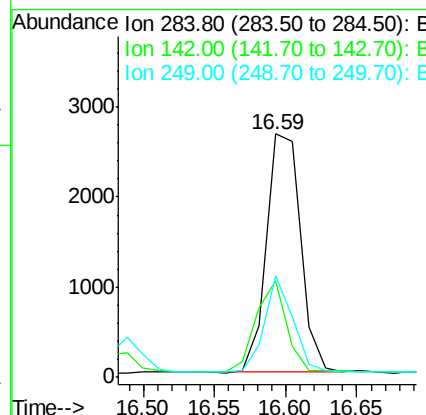
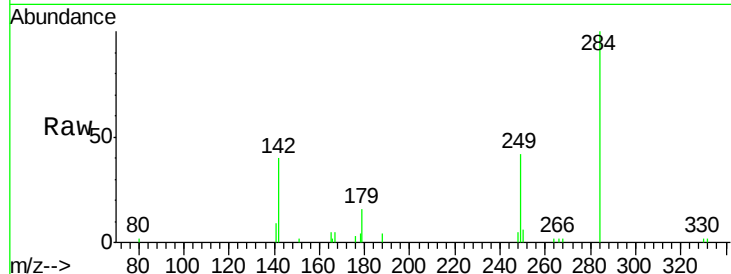




#21
 Hexachlorobenzene
 Concen: 0.374 ng
 RT: 16.59 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BE097799.D
 Acq: 8 Oct 2018 18:43

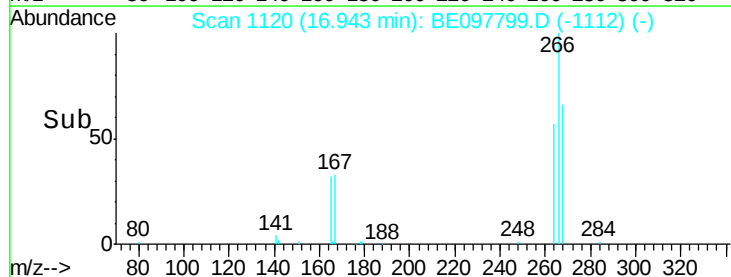
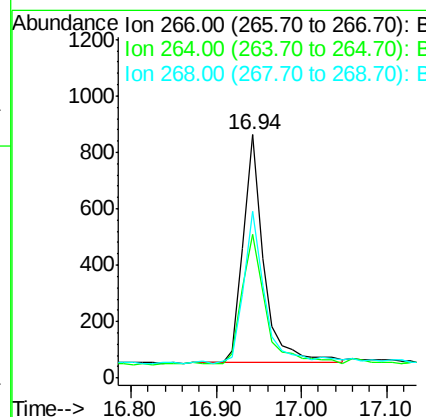
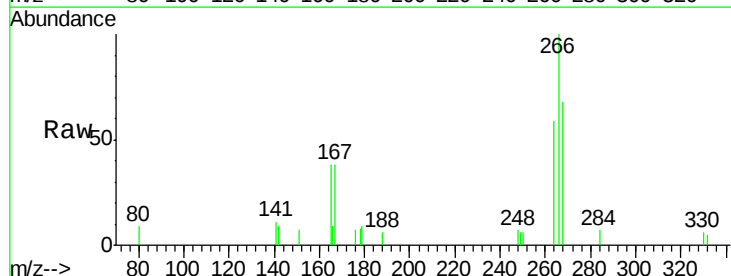
Instrument :
 BNA_E
 ClientSampleId :
 PB113577BS

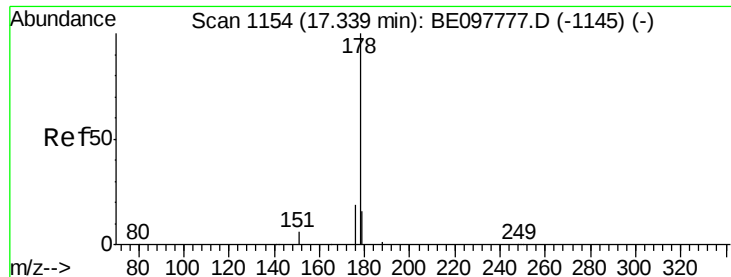
Tgt Ion:	284	Resp:	4406
Ion	Ratio	Lower	Upper
284	100		
142	34.9	24.9	37.3
249	33.4	25.8	38.8



#22
 Pentachlorophenol
 Concen: 0.746 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BE097799.D
 Acq: 8 Oct 2018 18:43

Tgt Ion:	266	Resp:	1379
Ion	Ratio	Lower	Upper
266	100		
264	59.2	46.8	70.2
268	68.4	53.0	79.6





#23

Phenanthrene

Concen: 0.404 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

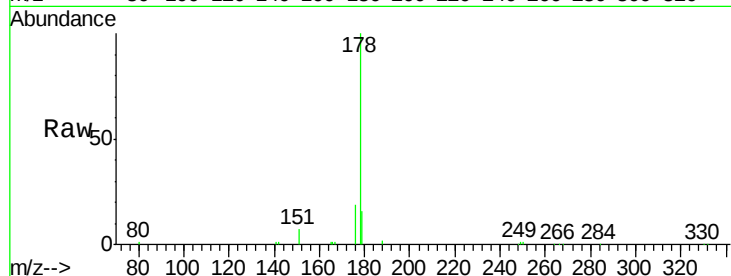
Tgt Ion:178 Resp: 20787

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

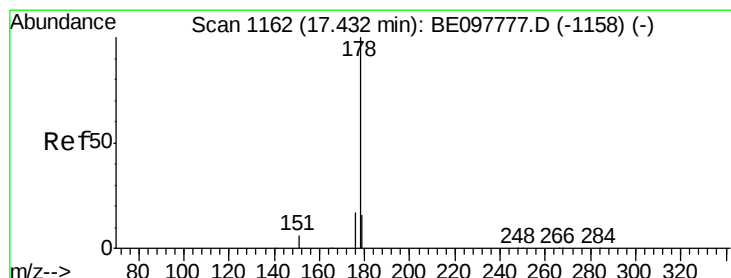
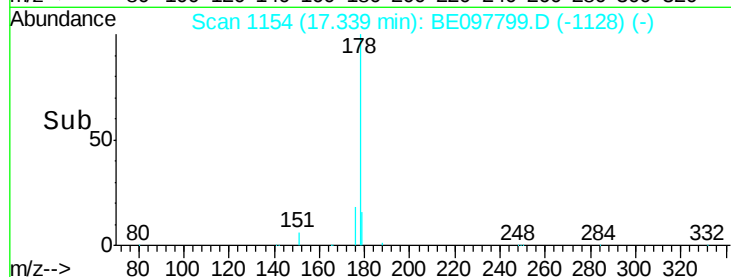
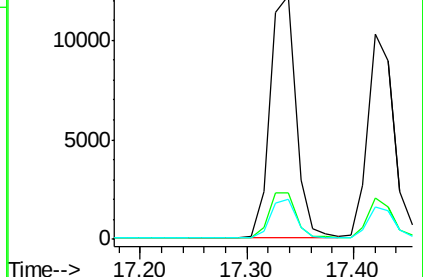
179 16.2 12.2 18.4



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: 0.393 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

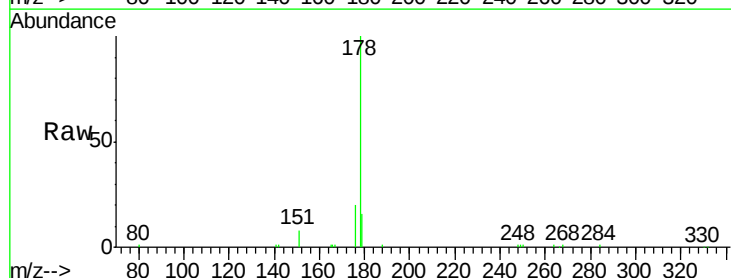
Tgt Ion:178 Resp: 17450

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

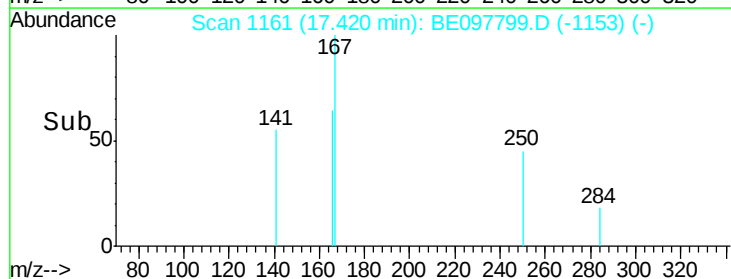
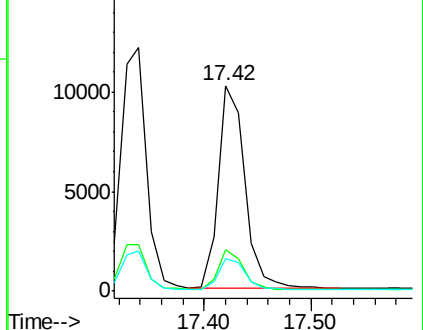
179 15.0 12.2 18.2

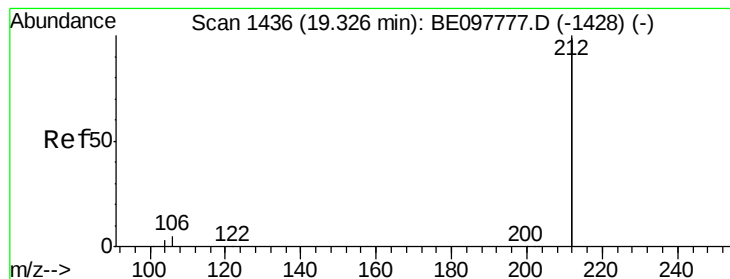


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

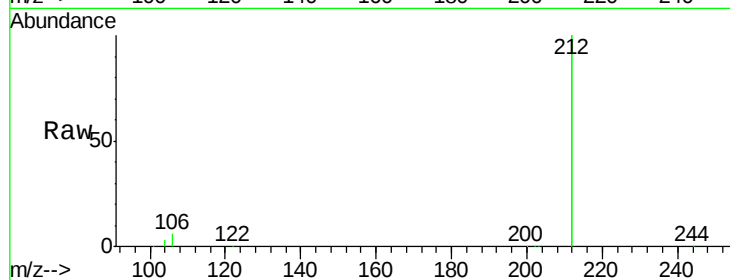
Tgt Ion:212 Resp: 90460

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

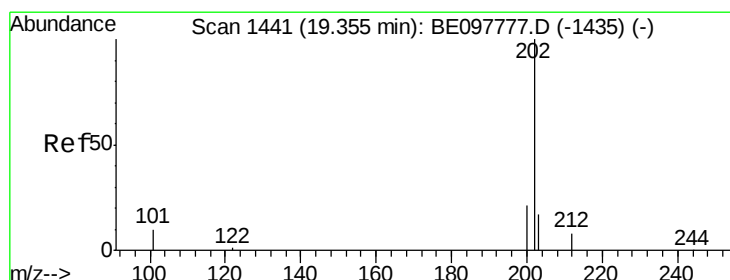
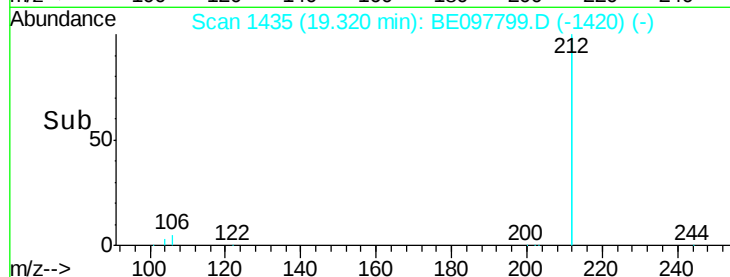
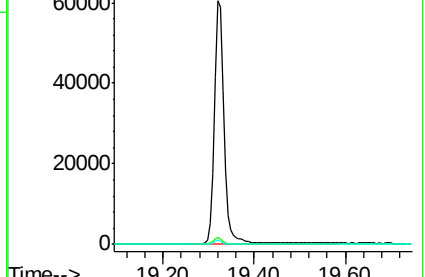
104 1.5 1.2 1.8



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: 0.364 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

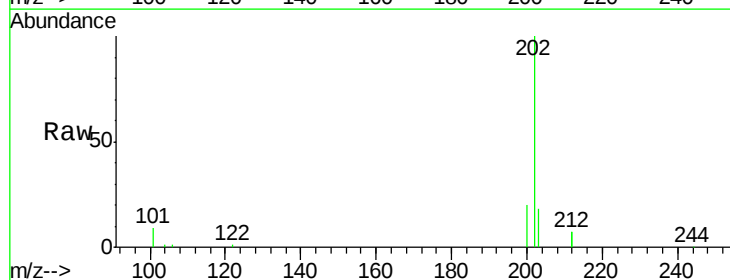
Tgt Ion:202 Resp: 23853

Ion Ratio Lower Upper

202 100

101 10.0 7.8 11.8

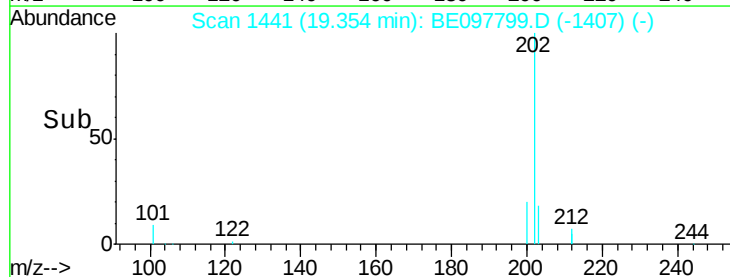
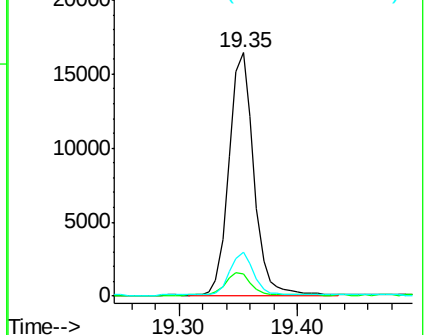
203 17.0 13.8 20.6

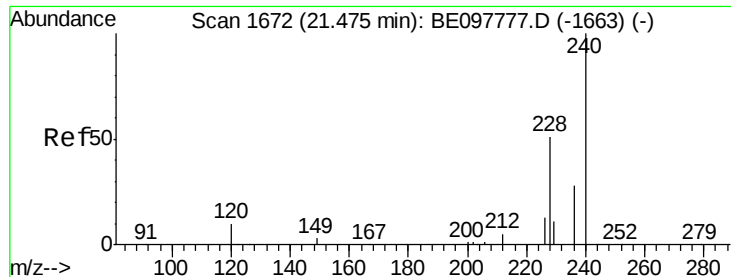


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

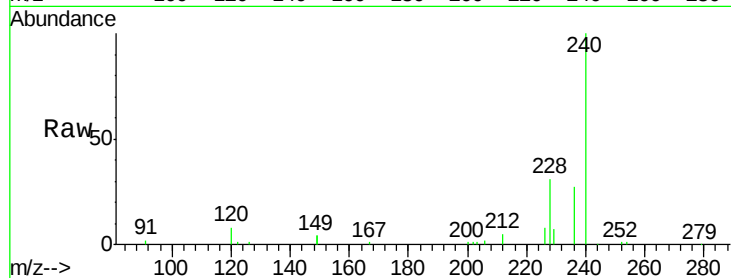
Tgt Ion:240 Resp: 21476

Ion Ratio Lower Upper

240 100

120 7.8 4.7 7.1#

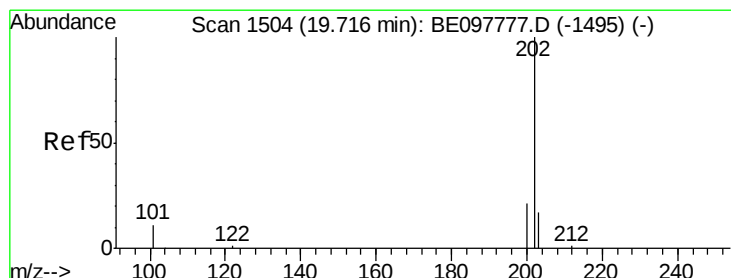
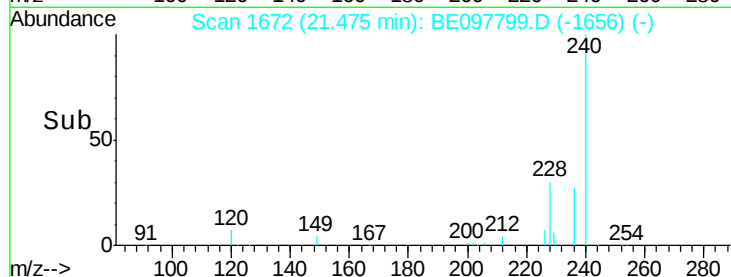
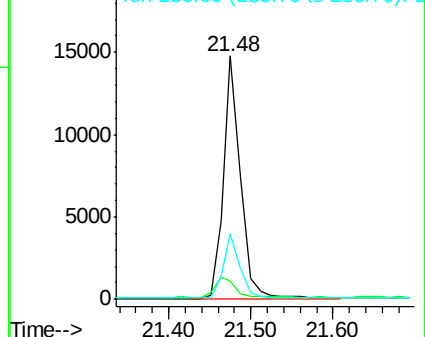
236 27.2 20.8 31.2



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: 0.436 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

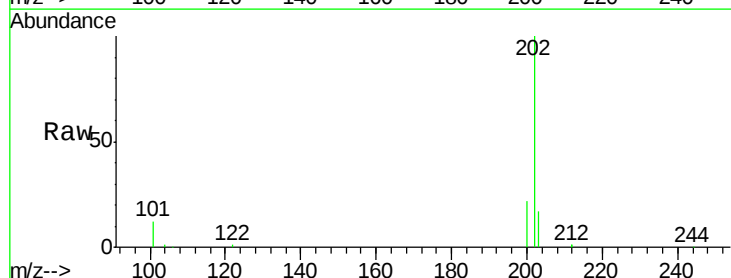
Tgt Ion:202 Resp: 23778

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

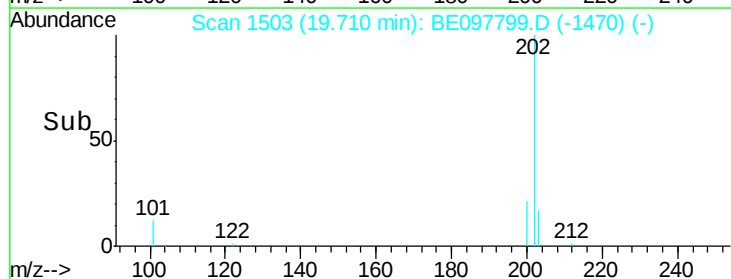
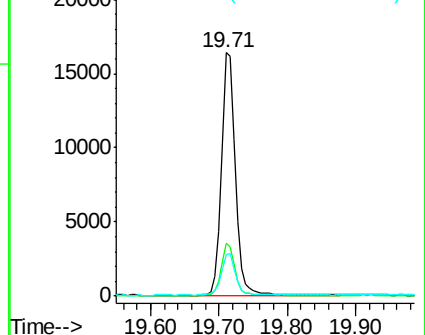
203 17.5 13.9 20.9

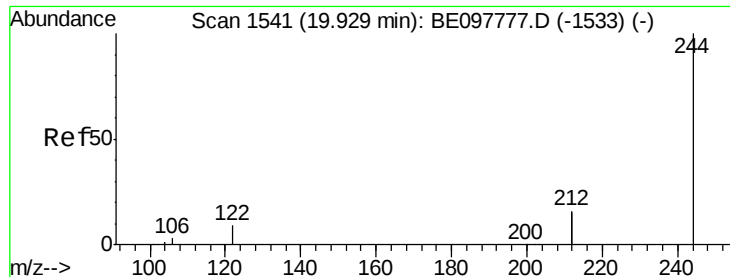


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

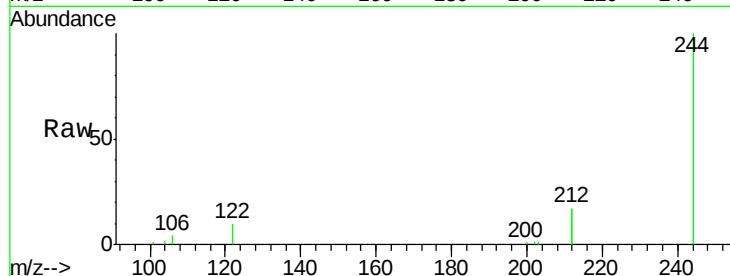
Tgt Ion:244 Resp: 15828

Ion Ratio Lower Upper

244 100

212 33.4 25.8 38.8

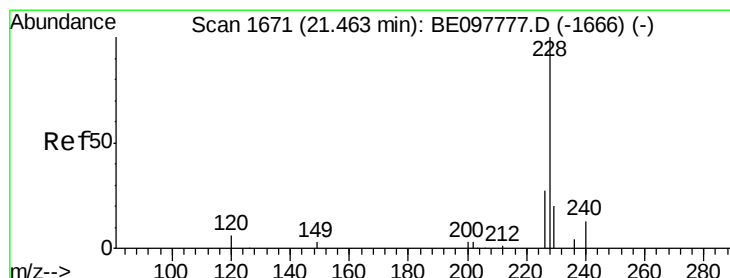
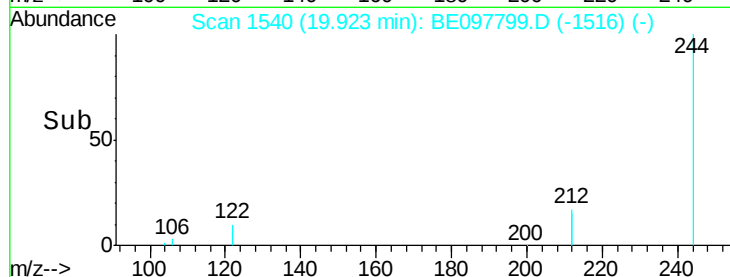
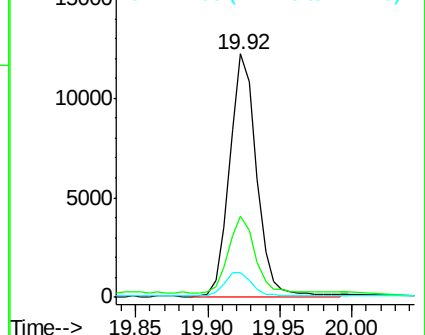
122 10.3 8.7 13.1



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: 0.422 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

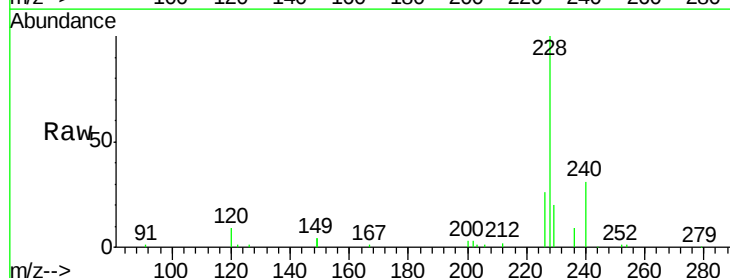
Tgt Ion:228 Resp: 24344

Ion Ratio Lower Upper

228 100

226 26.4 20.7 31.1

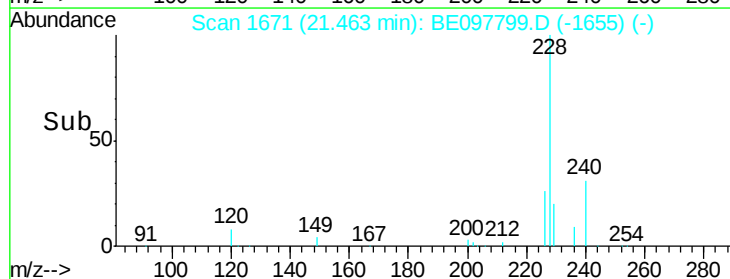
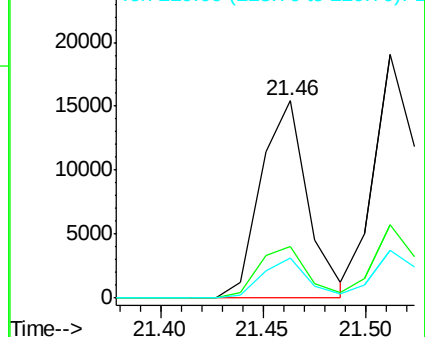
229 20.2 15.7 23.5

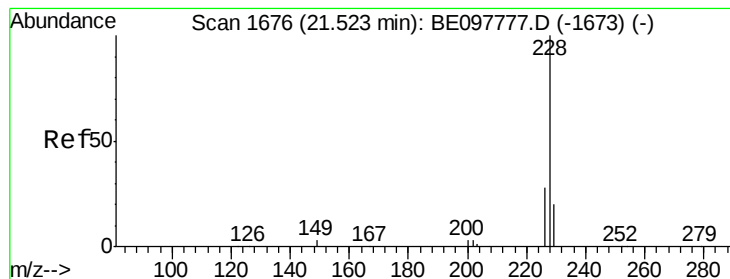


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.433 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

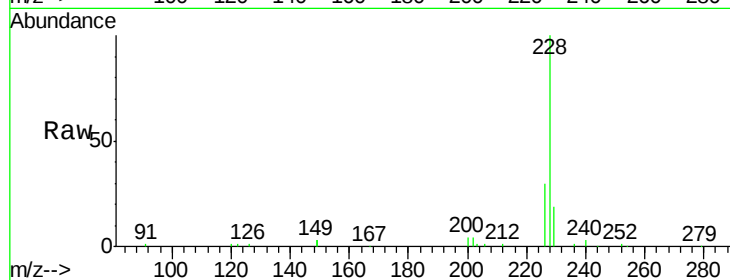
Tgt Ion: 228 Resp: 27919

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

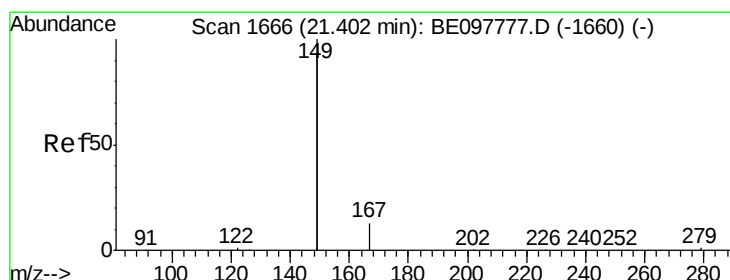
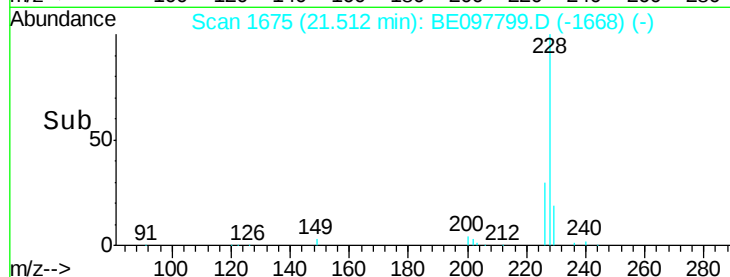
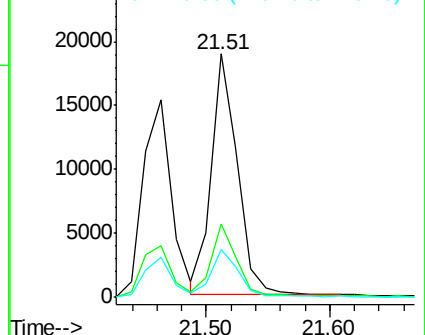
229 19.5 16.0 24.0



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: 0.425 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

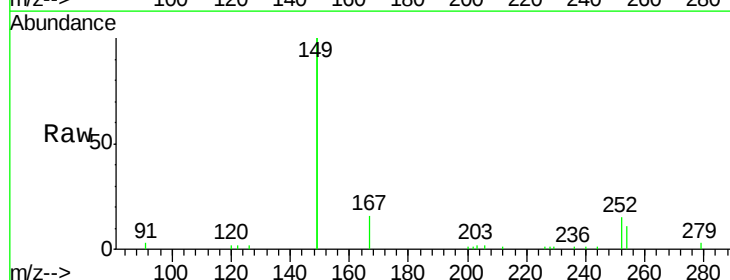
Tgt Ion: 149 Resp: 17959

Ion Ratio Lower Upper

149 100

167 7.1 5.5 8.3

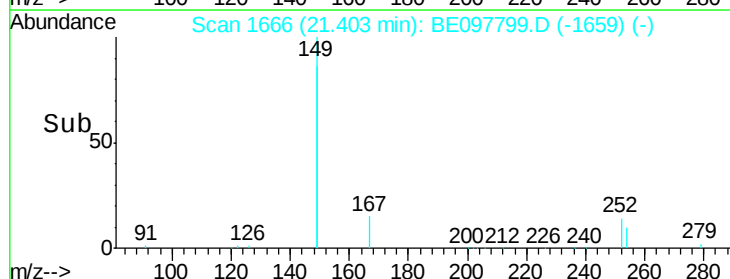
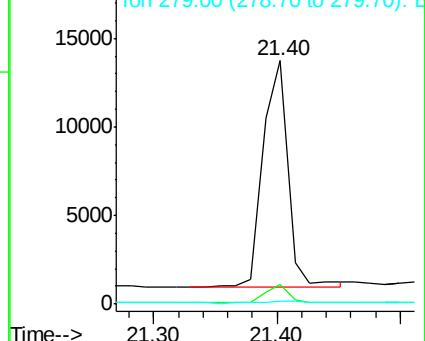
279 1.3 0.9 1.3

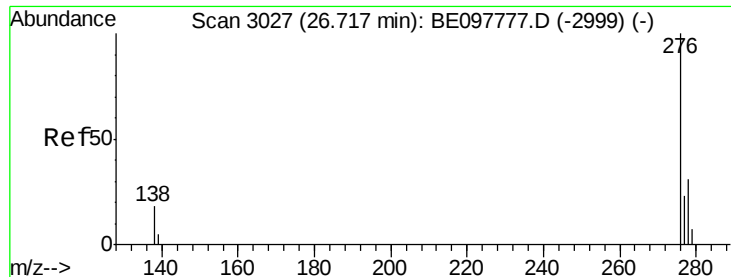


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

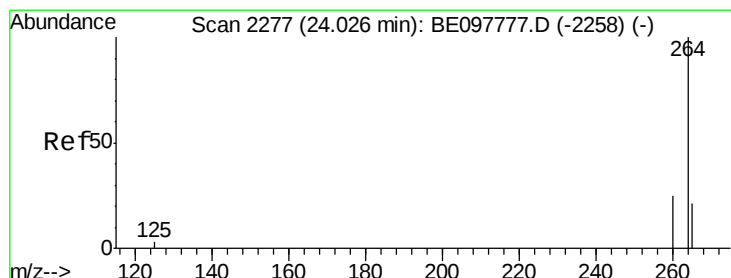
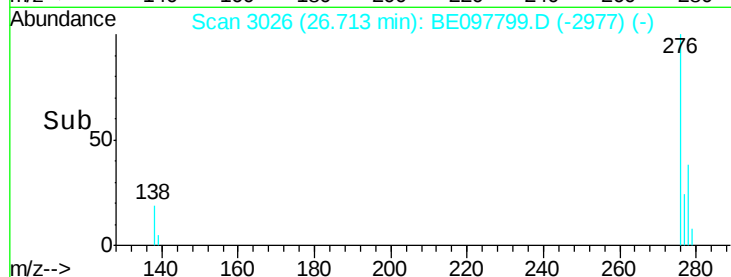
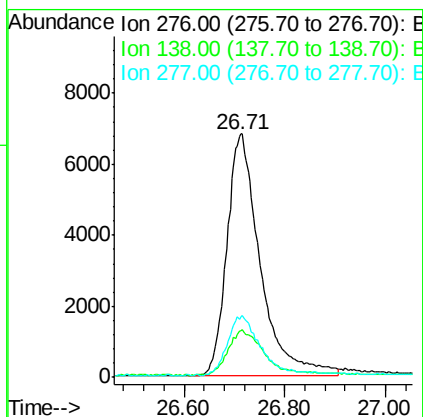
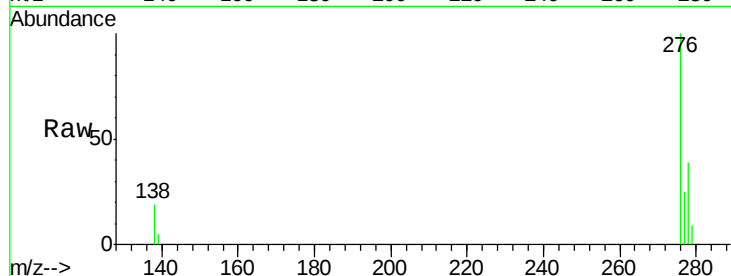




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.558 ng
 RT: 26.71 min Scan# 3026
 Delta R.T. -0.02 min
 Lab File: BE097799.D
 Acq: 8 Oct 2018 18:43

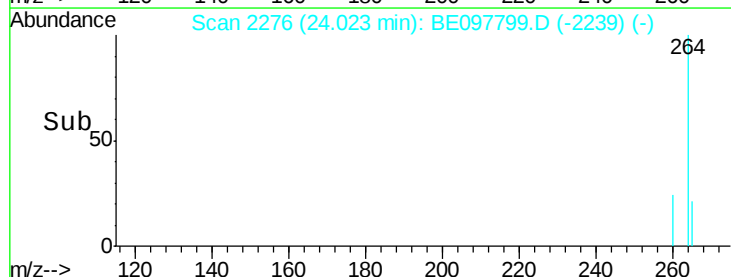
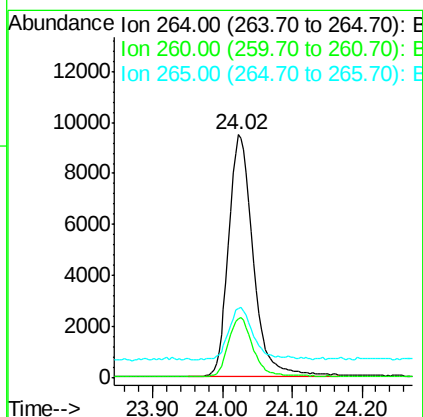
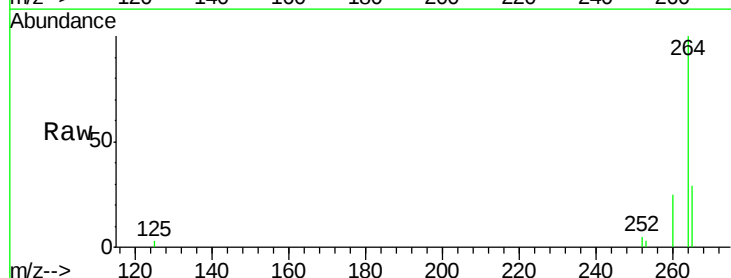
Instrument :
 BNA_E
 ClientSampleId :
 PB113577BS

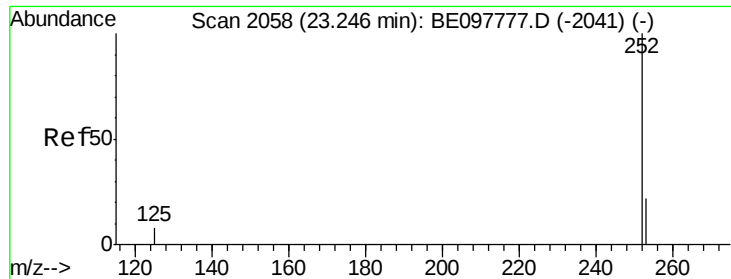
Tgt Ion: 276 Resp: 31302
 Ion Ratio Lower Upper
 276 100
 138 19.6 15.0 22.6
 277 23.3 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE097799.D
 Acq: 8 Oct 2018 18:43

Tgt Ion: 264 Resp: 23074
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 28.6 21.9 32.9





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

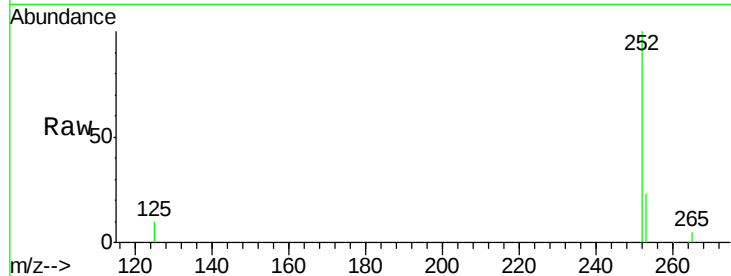
Tgt Ion:252 Resp: 25596

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

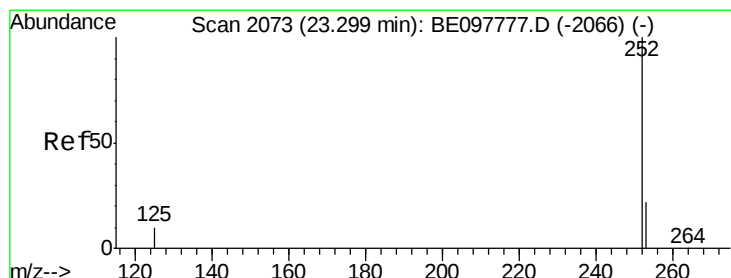
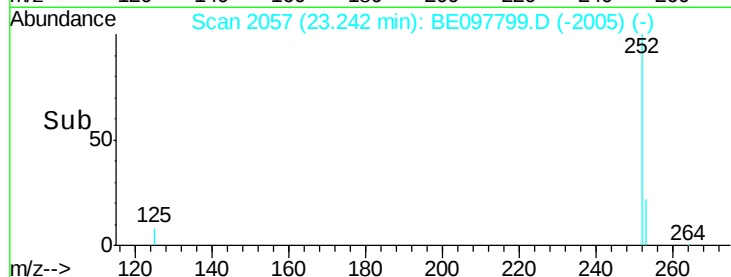
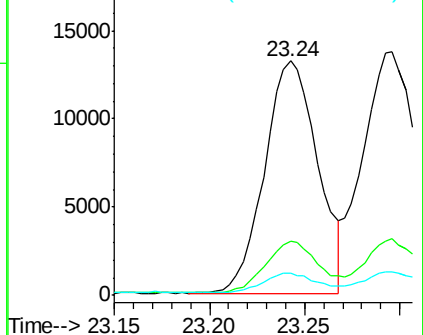
125 9.6 7.8 11.8



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



#36

Benzo(k)fluoranthene

Concen: 0.431 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

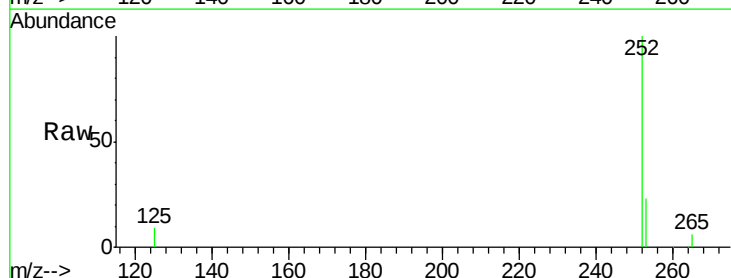
Tgt Ion:252 Resp: 30285

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

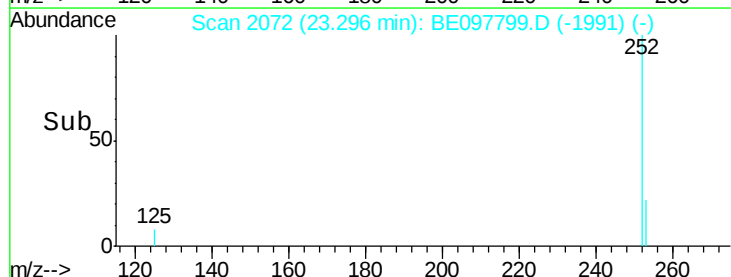
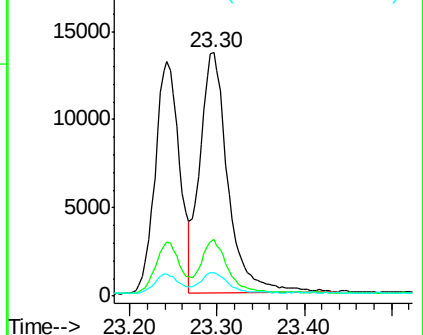
125 9.4 7.5 11.3

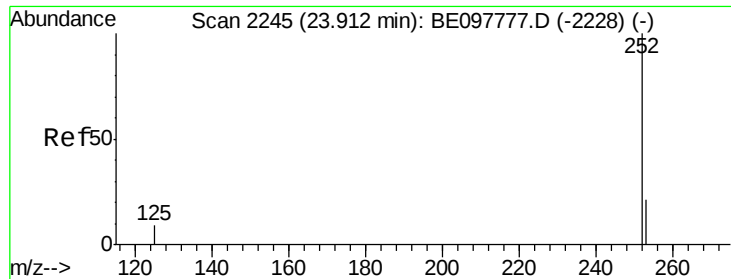


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.422 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS

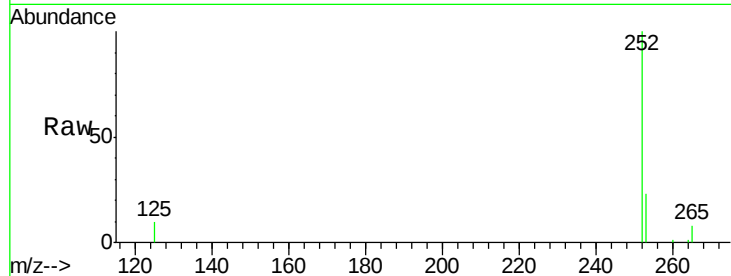
Tgt Ion:252 Resp: 24218

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

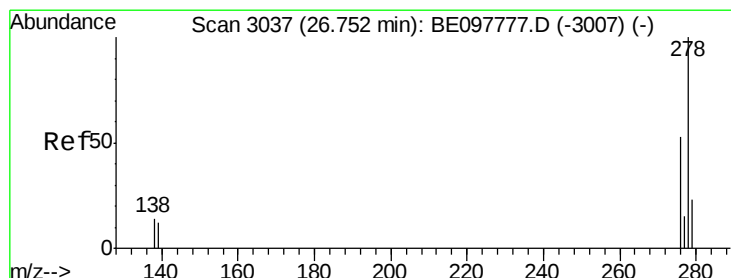
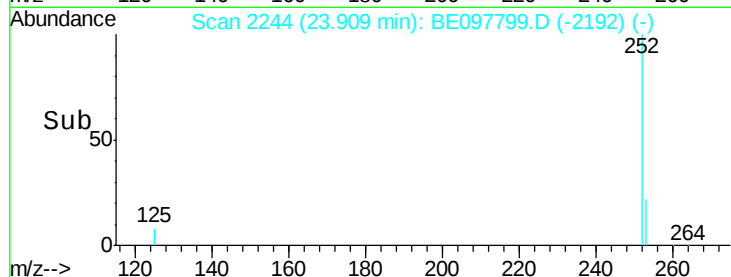
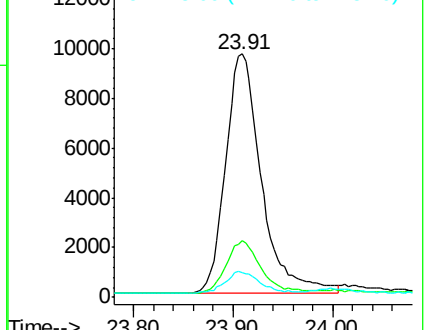
125 9.9 8.3 12.5



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



#38

Dibenzo(a,h)anthracene

Concen: 0.465 ng

RT: 26.75 min Scan# 3035

Delta R.T. -0.03 min

Lab File: BE097799.D

Acq: 8 Oct 2018 18:43

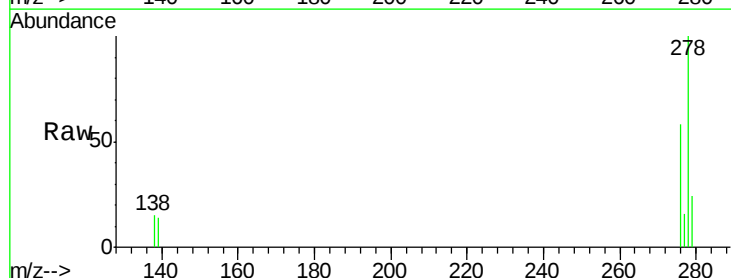
Tgt Ion:278 Resp: 26233

Ion Ratio Lower Upper

278 100

139 13.5 10.3 15.5

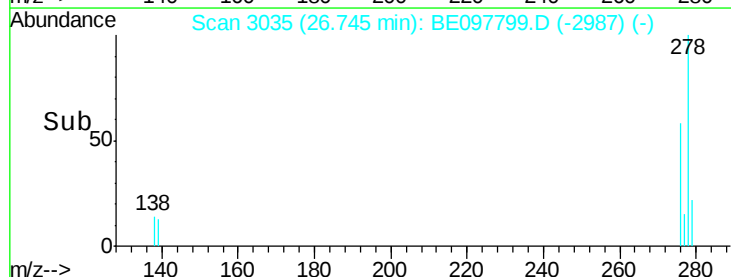
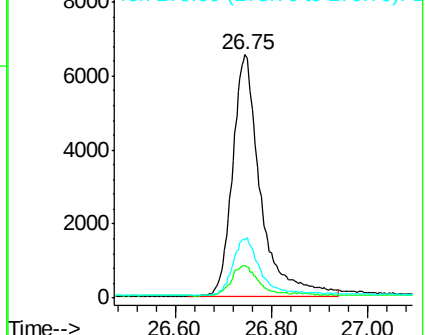
279 23.7 18.4 27.6

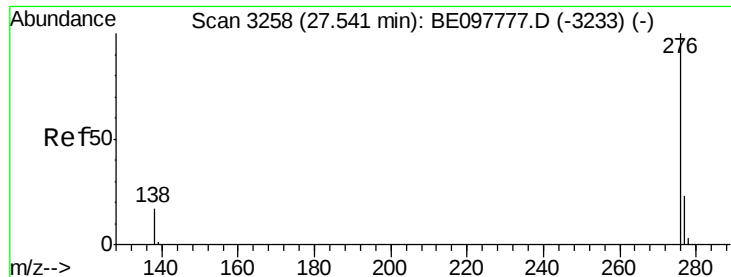


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.495 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.02 min

Lab File: BE097799.D

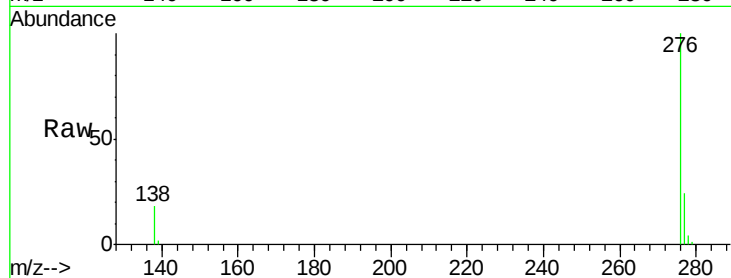
Acq: 8 Oct 2018 18:43

Instrument :

BNA_E

ClientSampleId :

PB113577BS



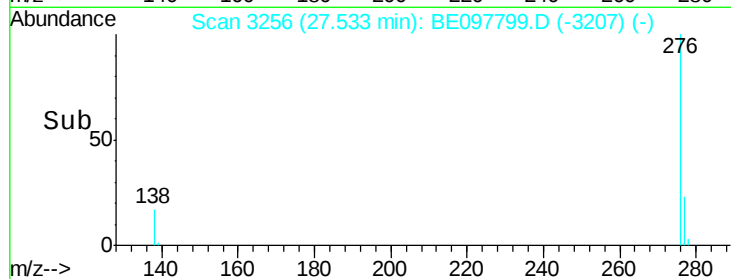
Tgt Ion: 276 Resp: 29259

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 18.0 14.2 21.2



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

