

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100918\
 Data File : BE097817.D
 Acq On : 9 Oct 2018 14:46
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 09 15:34:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 09 11:59:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3744	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	15893	0.40	ng	0.01
13) Acenaphthene-d10	14.56	164	9375	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	26402	0.40	ng	0.00
27) Chrysene-d12	21.47	240	30217	0.40	ng	-0.01
34) Perylene-d12	24.03	264	29241	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3089	0.35	ng	0.00
5) Phenol-d6	7.05	99	4589	0.34	ng	0.00
8) Nitrobenzene-d5	9.04	82	3352	0.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9715	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	749	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.19	172	15079	0.37	ng	0.00
25) Fluoranthene-d10	19.33	212	118689	0.36	ng	0.00
29) Terphenyl-d14	19.93	244	25172	0.41	ng	0.00

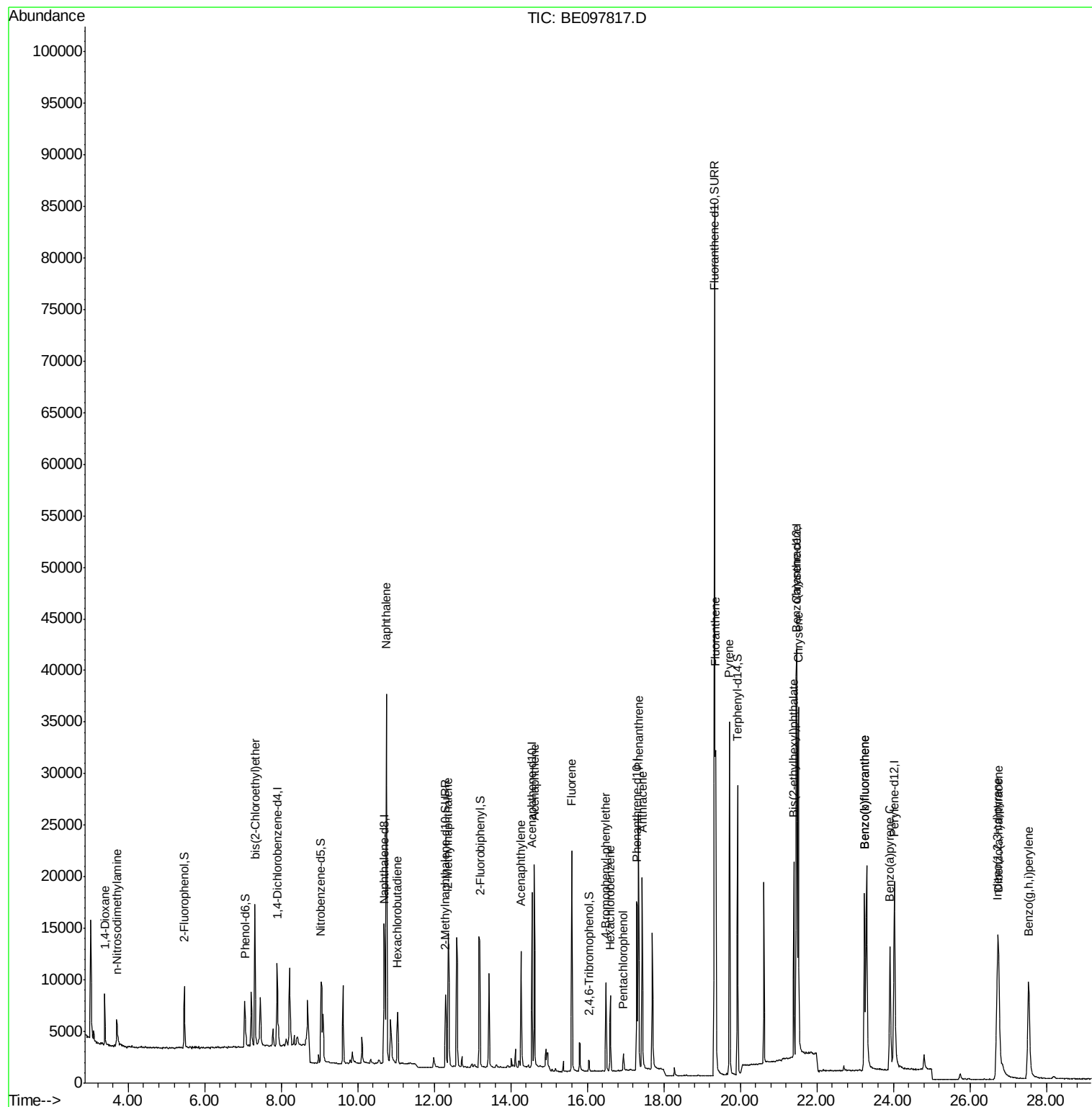
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	2992	0.401	ng	90
3) n-Nitrosodimethylamine	3.70	42	2321	0.342	ng	# 84
6) bis(2-Chloroethyl)ether	7.32	93	5255	0.374	ng	98
9) Naphthalene	10.74	128	61074	0.381	ng	100
10) Hexachlorobutadiene	11.04	225	3322	0.391	ng	97
12) 2-Methylnaphthalene	12.37	142	10022	0.391	ng	97
16) Acenaphthylene	14.27	152	14378	0.346	ng	99
17) Acenaphthene	14.62	154	9939	0.374	ng	99
18) Fluorene	15.59	166	13183	0.373	ng	98
20) 4-Bromophenyl-phenylether	16.49	248	4954	0.358	ng	# 79
21) Hexachlorobenzene	16.60	284	5554	0.356	ng	96
22) Pentachlorophenol	16.94	266	1061	0.434	ng	94
23) Phenanthrene	17.34	178	25046	0.368	ng	99
24) Anthracene	17.43	178	20279	0.345	ng	100
26) Fluoranthene	19.35	202	30459	0.351	ng	100
28) Pyrene	19.72	202	31511	0.410	ng	99
30) Benzo(a)anthracene	21.46	228	28272	0.348	ng	99
31) Chrysene	21.52	228	35759	0.394	ng	98
32) Bis(2-ethylhexyl)phthalate	21.40	149	21152	0.356	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	26888	0.341	ng	96
35) Benzo(b)fluoranthene	23.25	252	25769	0.321	ng	98
36) Benzo(k)fluoranthene	23.25	252	25769	0.290	ng	99
37) Benzo(a)pyrene	23.91	252	22632	0.312	ng	99
38) Dibenzo(a,h)anthracene	26.75	278	23688	0.331	ng	98
39) Benzo(g,h,i)perylene	27.54	276	26070	0.348	ng	100

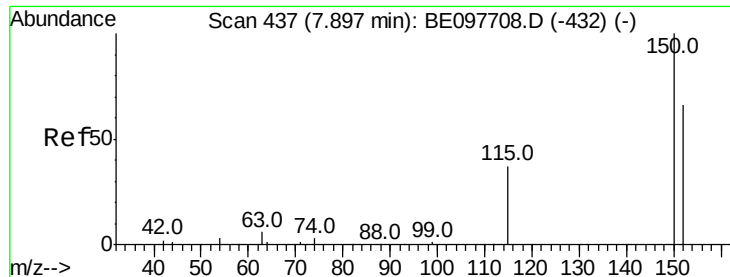
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 437

Delta R.T. -0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

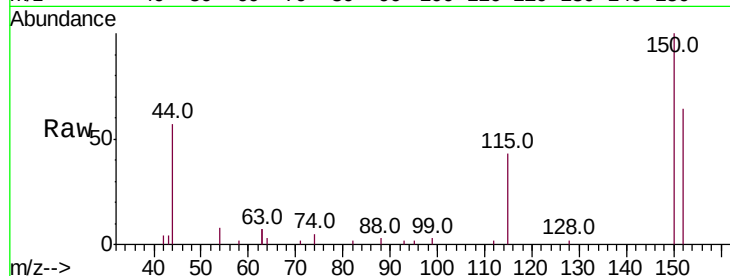
Tot Ion:152 Resp: 3744

Ion Ratio Lower Upper

152 100

150 156.8 120.9 181.3

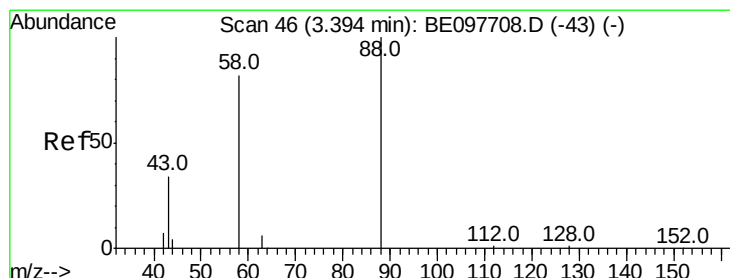
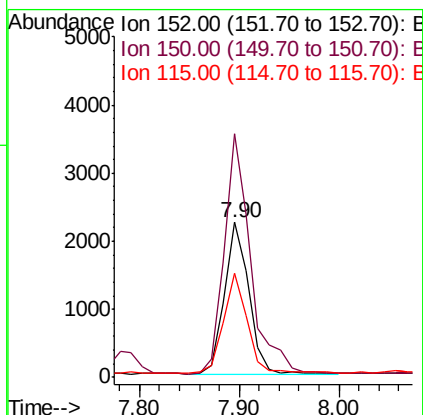
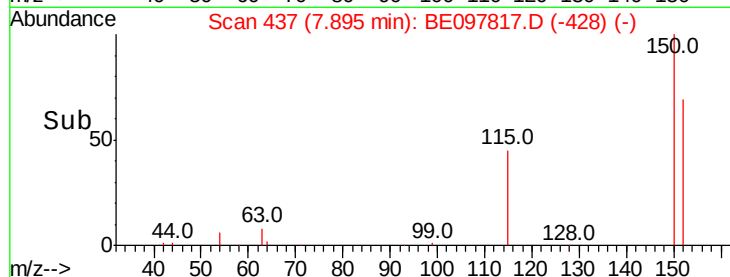
115 67.3 46.6 69.8



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: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

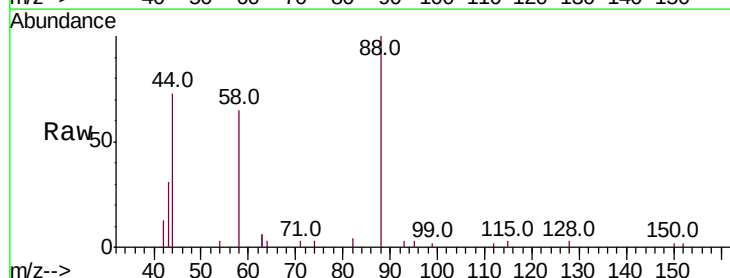
Tgt Ion: 88 Resp: 2992

Ion Ratio Lower Upper

88 100

58 79.9 70.8 106.2

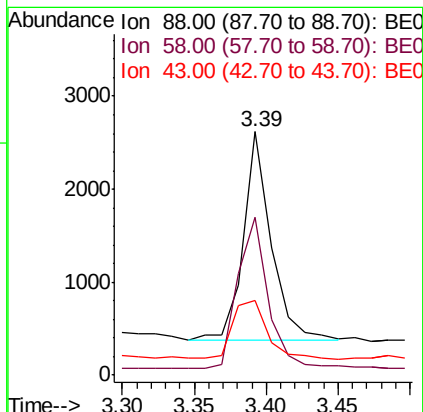
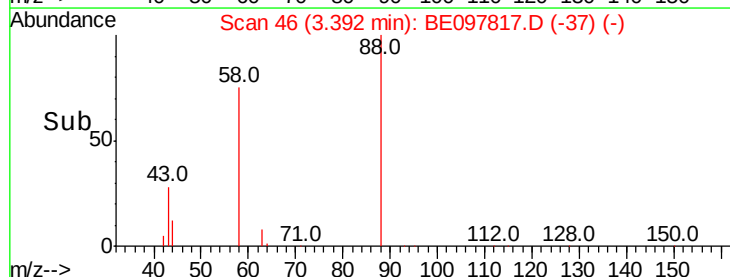
43 35.1 33.3 49.9

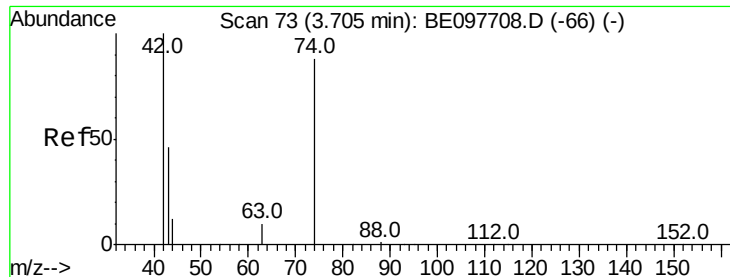


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.342 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

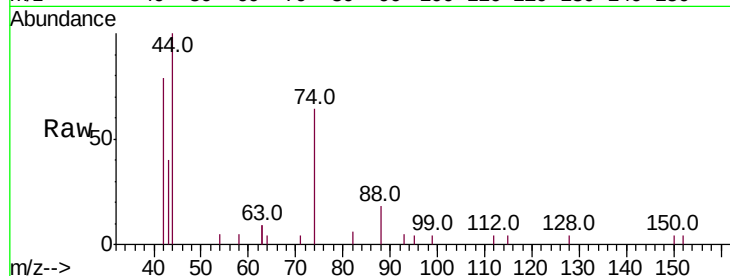
Tot Ion: 42 Resp: 2321

Ion Ratio Lower Upper

42 100

74 98.0 70.7 106.1

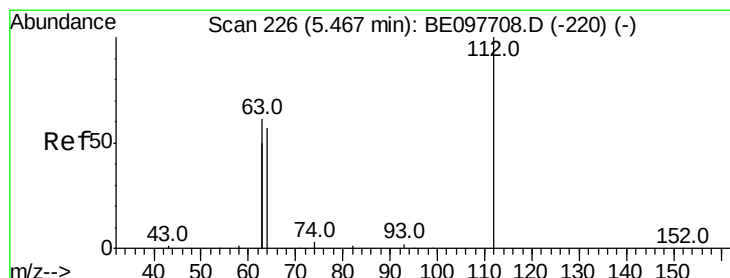
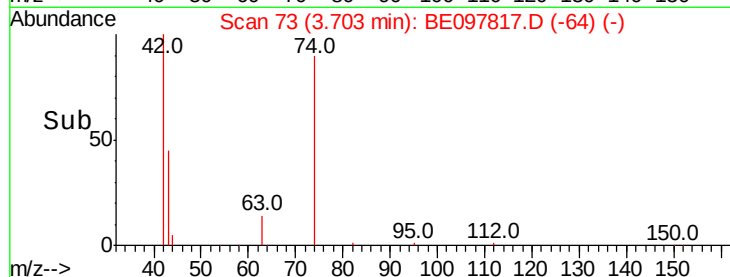
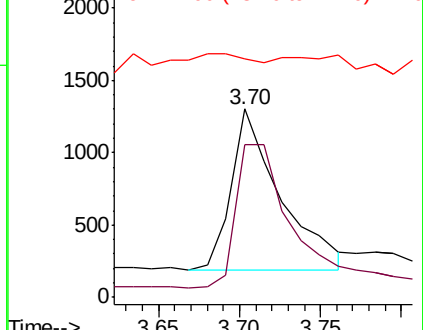
44 0.0 15.0 22.4#



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: 0.349 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

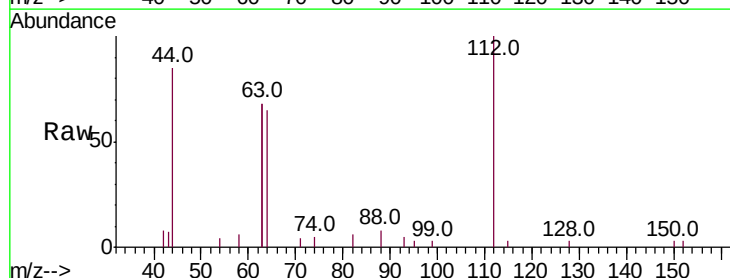
Tgt Ion: 112 Resp: 3089

Ion Ratio Lower Upper

112 100

64 70.1 56.6 84.8

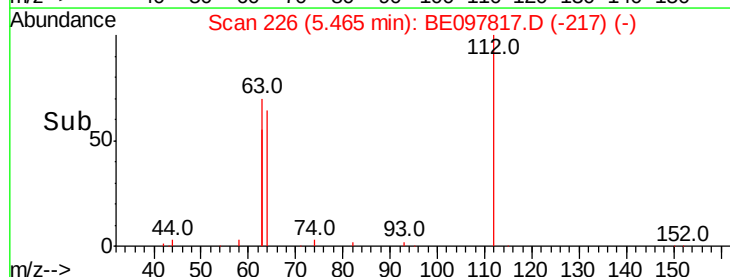
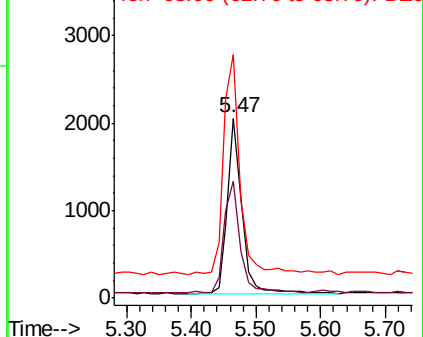
63 138.8 119.4 179.0

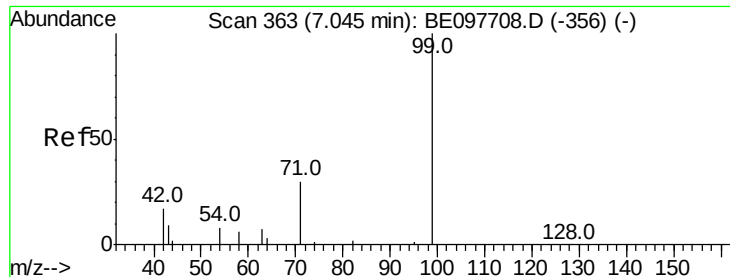


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.338 ng

RT: 7.05 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

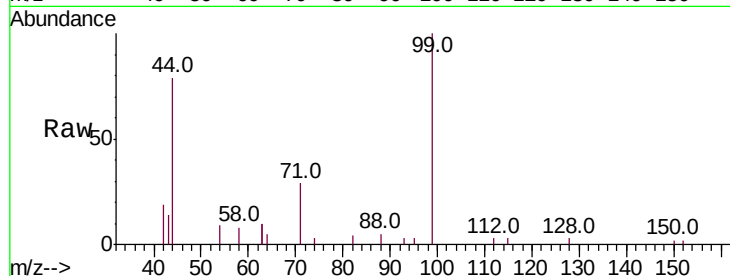
Tot Ion: 99 Resp: 4589

Ion Ratio Lower Upper

99 100

42 26.3 19.9 29.9

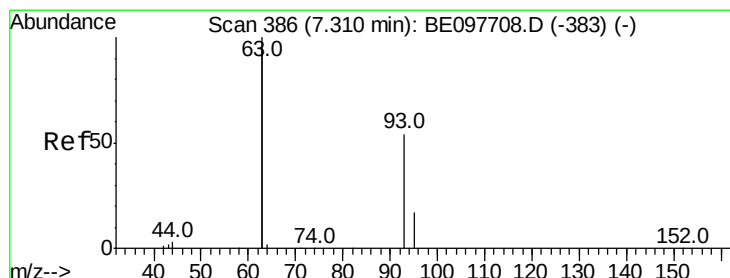
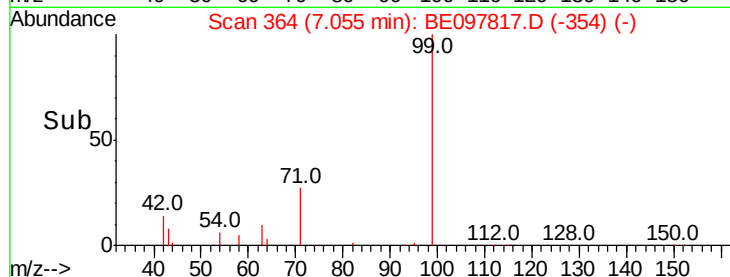
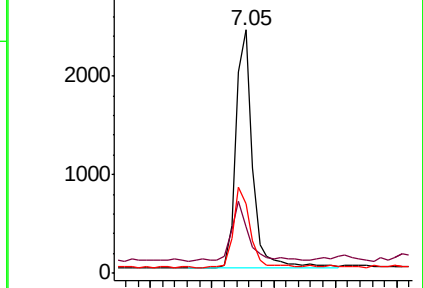
71 33.6 25.4 38.2



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: 0.374 ng

RT: 7.32 min Scan# 387

Delta R.T. 0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

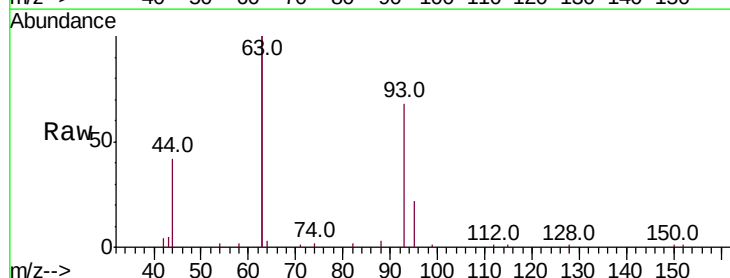
Tgt Ion: 93 Resp: 5255

Ion Ratio Lower Upper

93 100

63 329.8 266.9 400.3

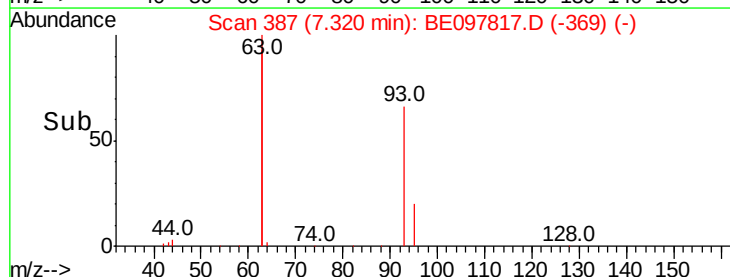
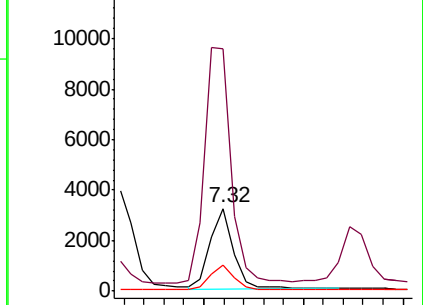
95 32.7 26.2 39.2

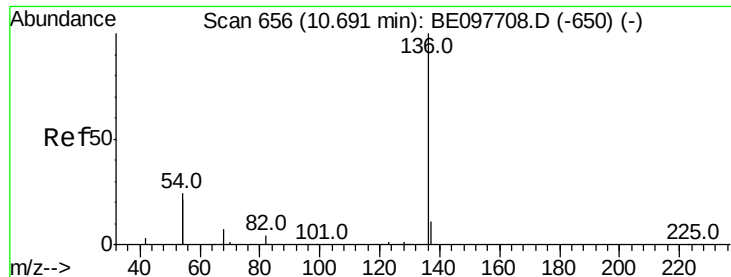


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15893

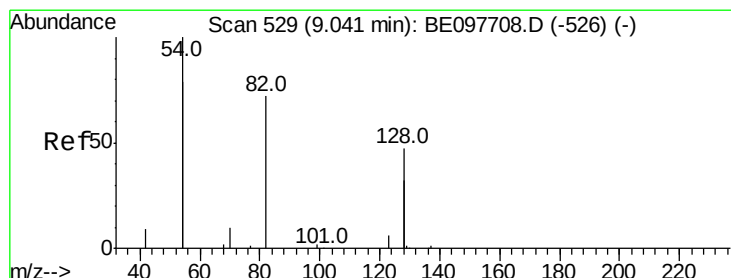
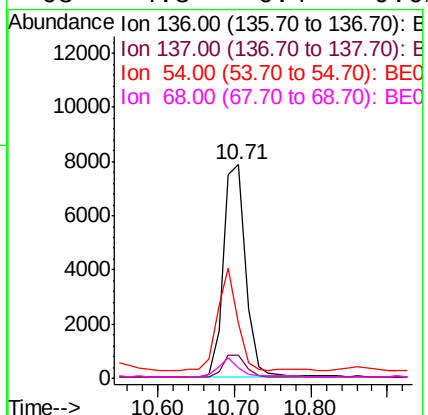
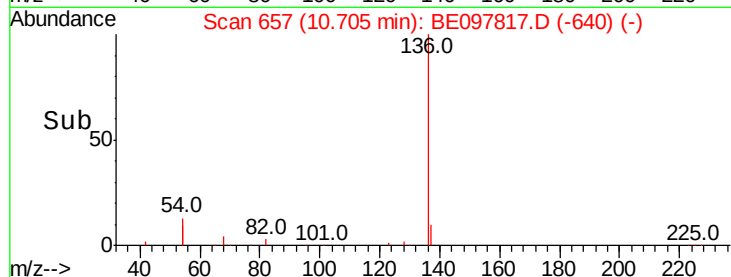
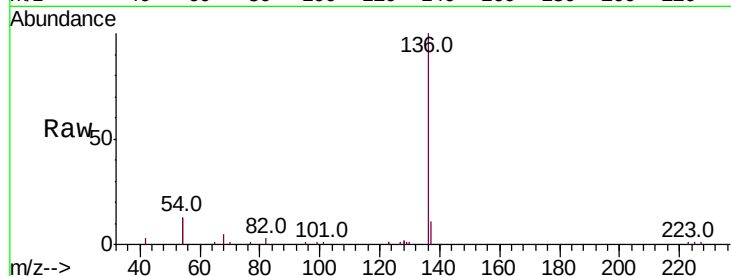
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 25.9 37.8 56.6#

68 4.8 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.650 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

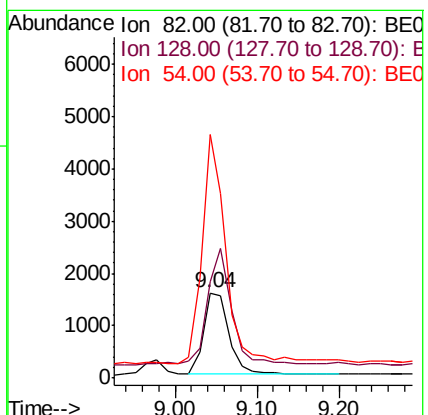
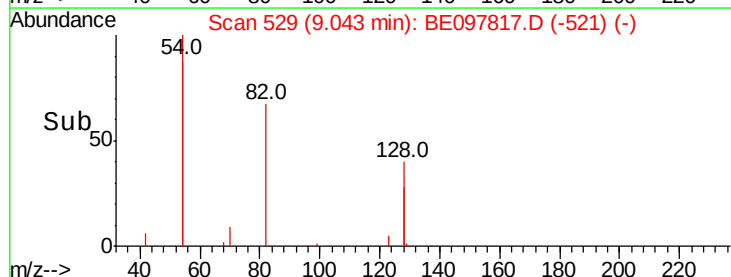
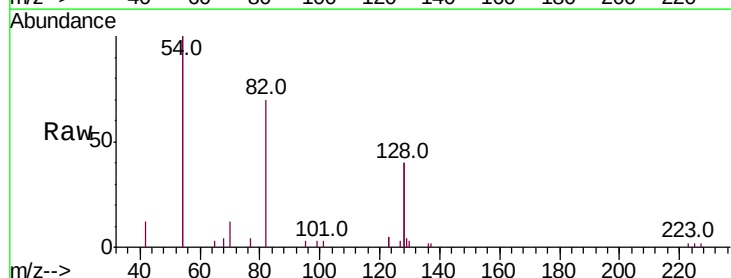
Tgt Ion: 82 Resp: 3352

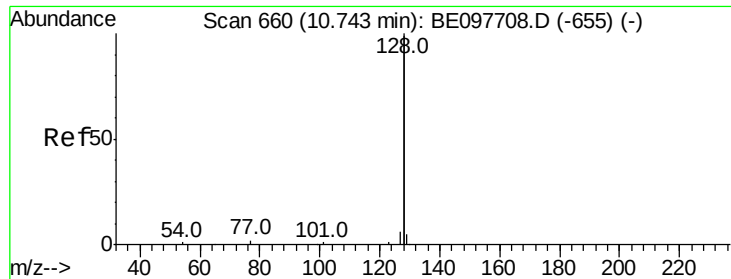
Ion Ratio Lower Upper

82 100

128 113.0 97.0 145.4

54 285.1 206.9 310.3





#9

Naphthalene

Concen: 0.381 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

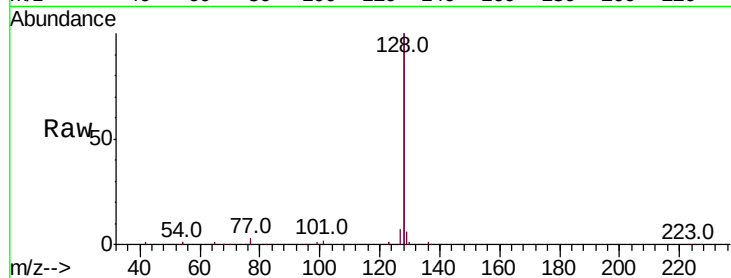
Tot Ion:128 Resp: 61074

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.2

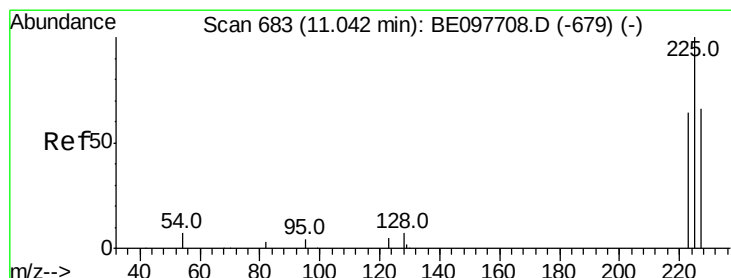
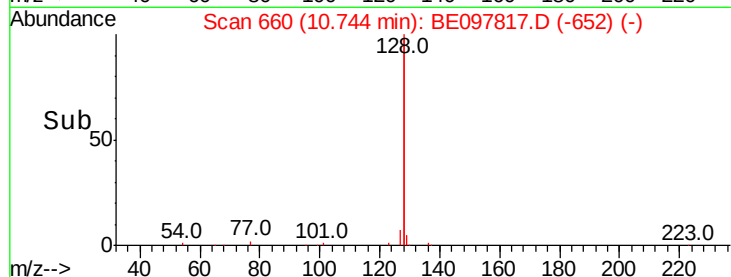
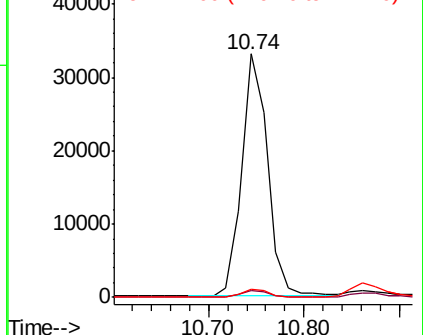
127 3.5 2.7 4.1



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: 0.391 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

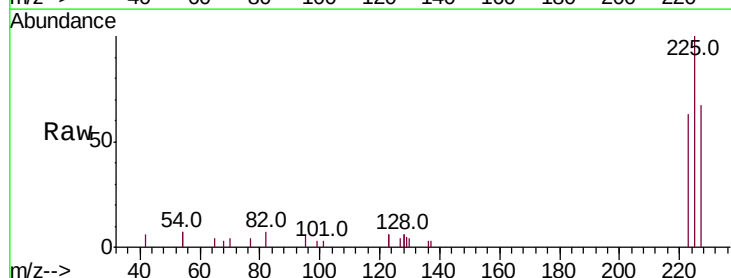
Tgt Ion:225 Resp: 3322

Ion Ratio Lower Upper

225 100

223 61.6 52.2 78.4

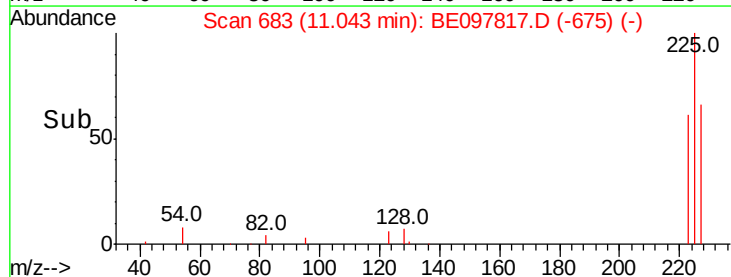
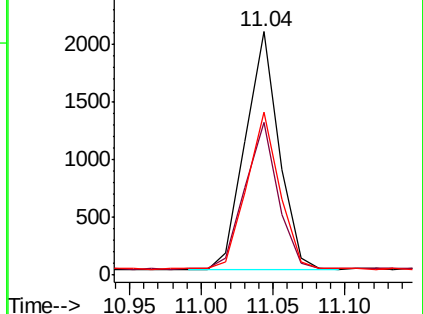
227 64.4 51.2 76.8

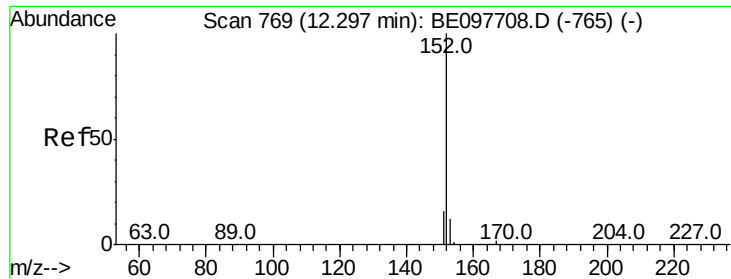


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

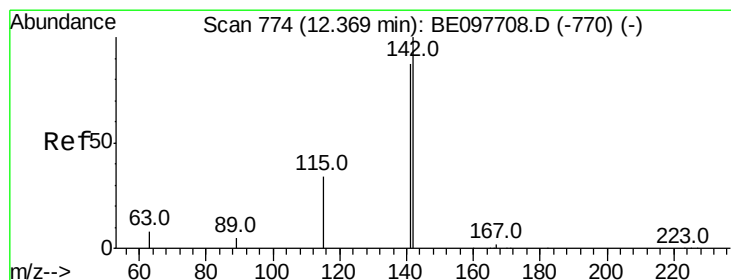
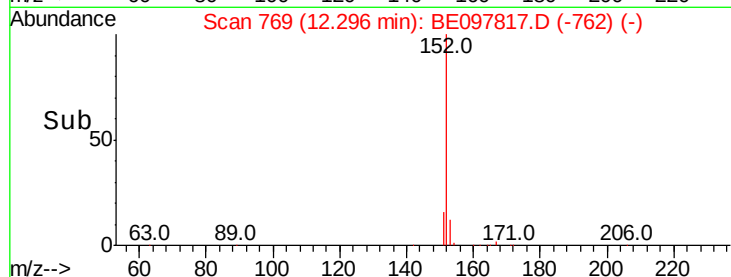
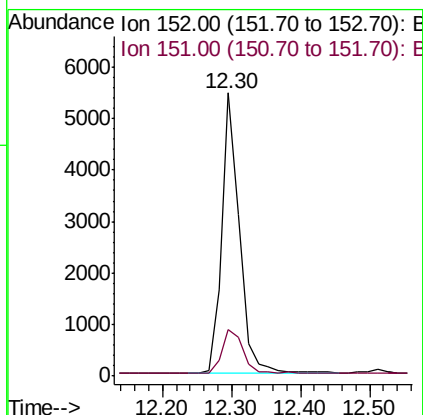
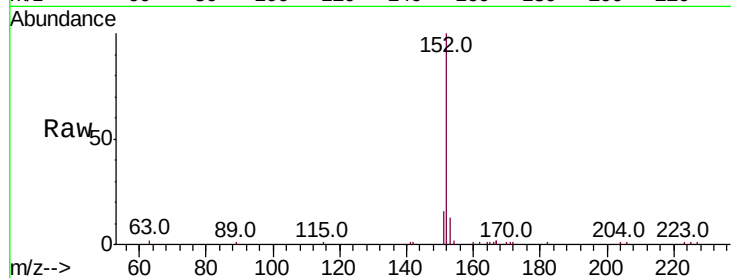




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097817.D
 Acq: 9 Oct 2018 14:46

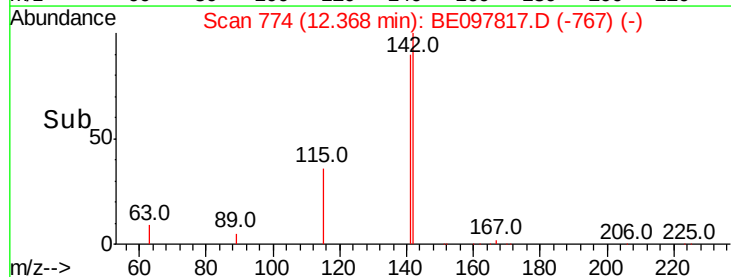
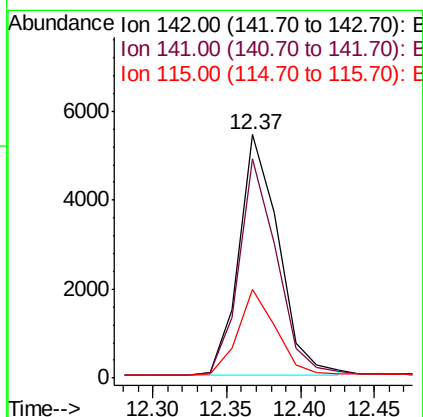
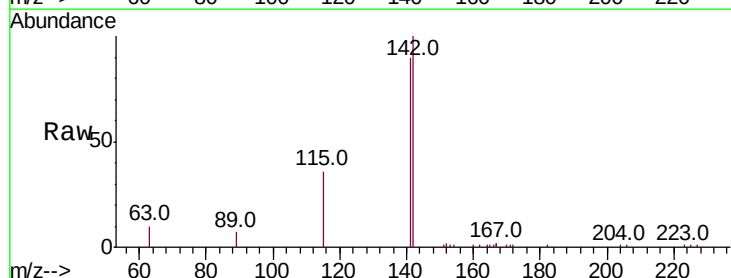
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

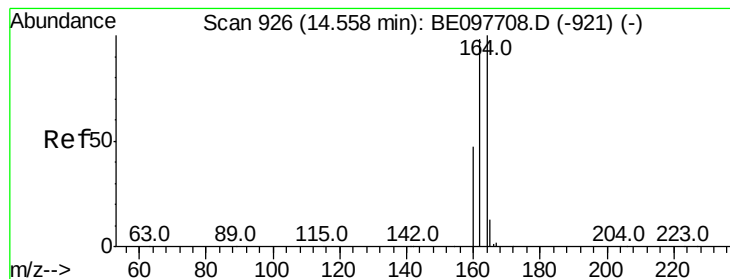
Tot Ion:152 Resp: 9715
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.391 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097817.D
 Acq: 9 Oct 2018 14:46

Tgt Ion:142 Resp: 10022
 Ion Ratio Lower Upper
 142 100
 141 89.9 69.4 104.2
 115 36.4 28.0 42.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

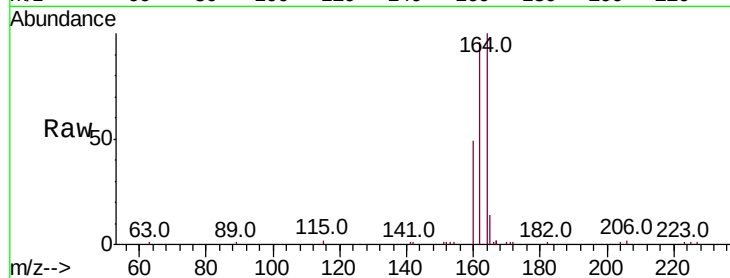
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 9375

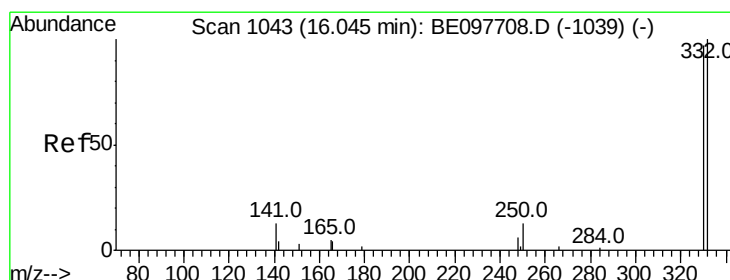
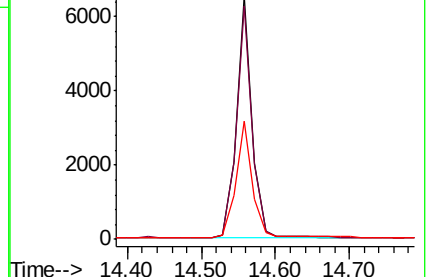
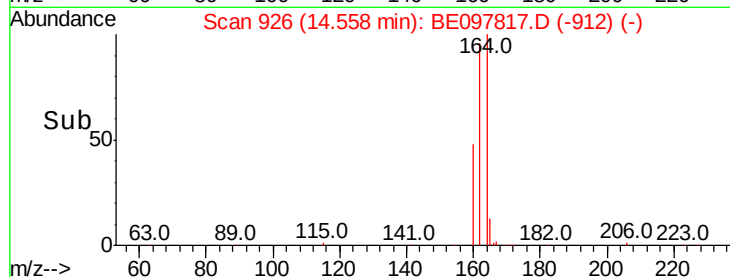
Ion	Ratio	Lower	Upper
164	100		
162	95.7	78.6	117.8
160	48.6	37.8	56.6



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: 0.441 ng

RT: 16.03 min Scan# 1042

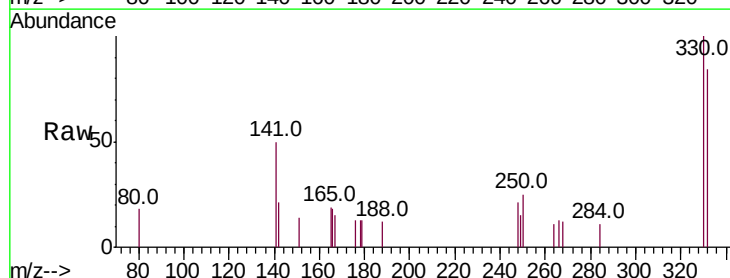
Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Tgt Ion:330 Resp: 749

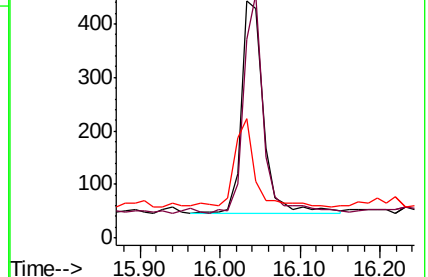
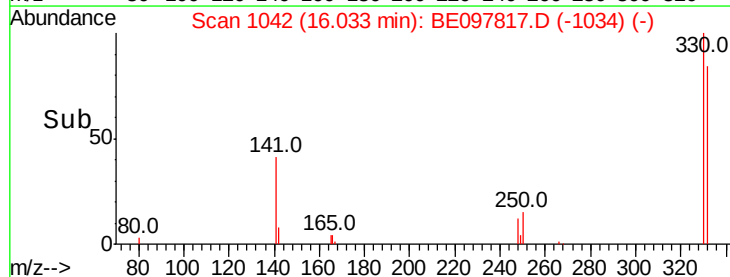
Ion	Ratio	Lower	Upper
330	100		
332	92.9	83.5	125.3
141	39.4	34.9	52.3

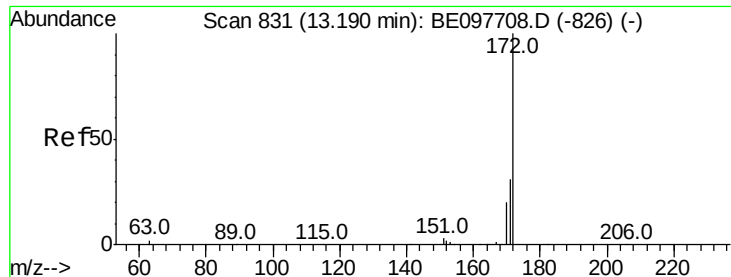


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

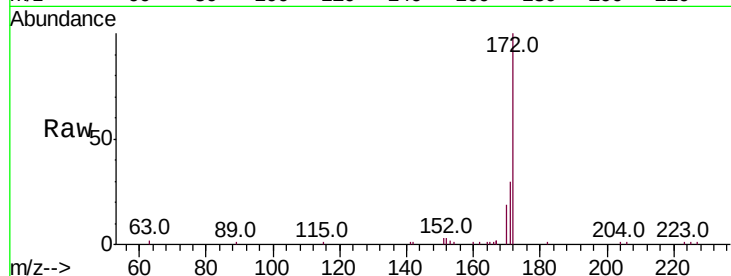




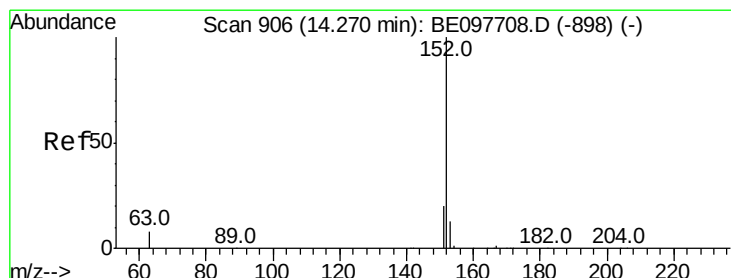
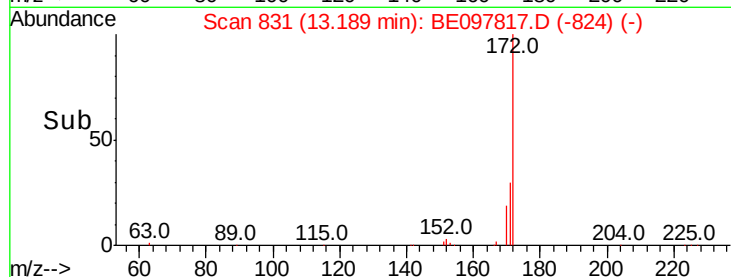
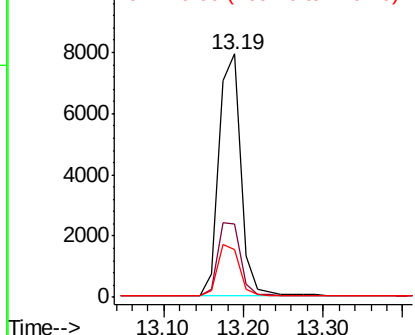
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097817.D
Acq: 9 Oct 2018 14:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 15079
Ion Ratio Lower Upper
172 100
171 30.3 25.2 37.8
170 19.4 16.2 24.2

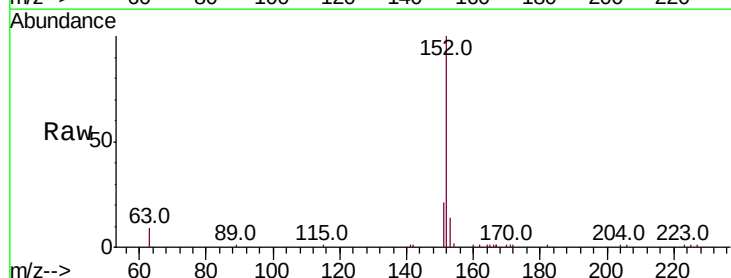


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

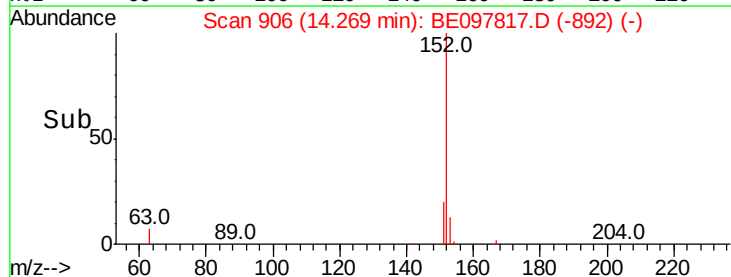
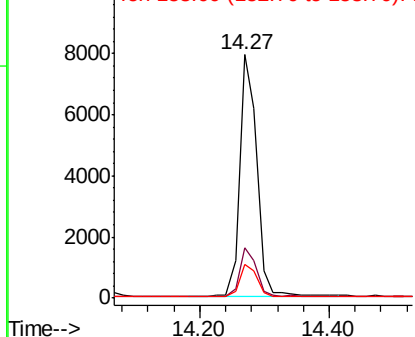


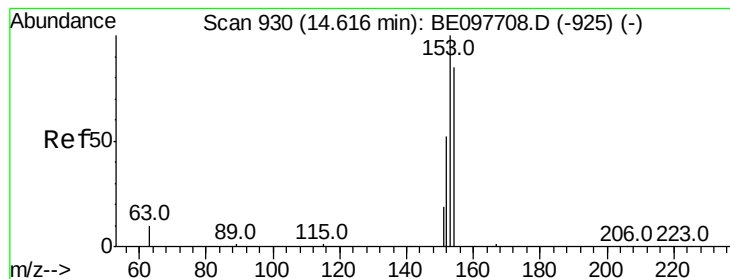
#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097817.D
Acq: 9 Oct 2018 14:46

Tgt Ion:152 Resp: 14378
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 13.3 10.8 16.2



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: 0.374 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

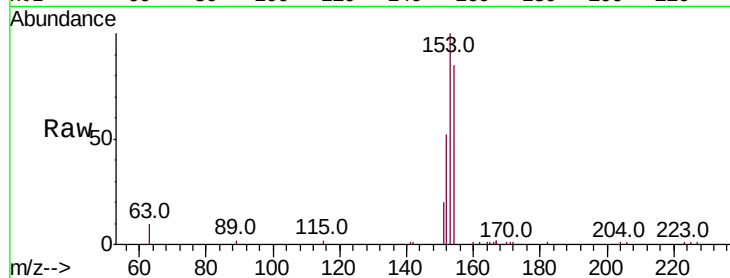
Tot Ion:154 Resp: 9939

Ion Ratio Lower Upper

154 100

153 115.6 93.3 139.9

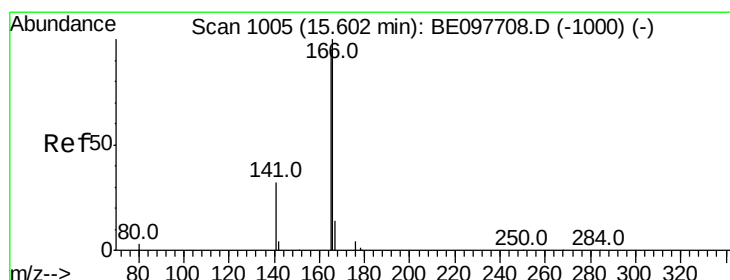
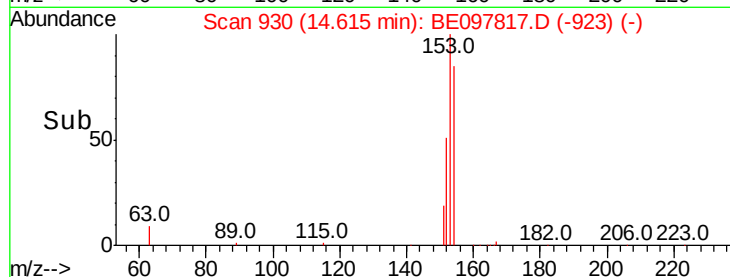
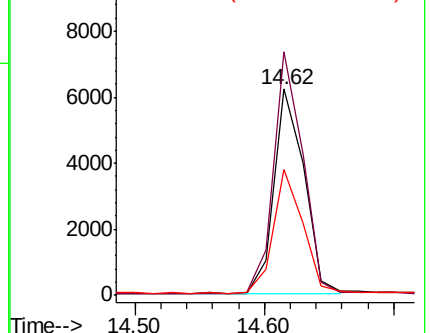
152 59.8 48.9 73.3



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: 0.373 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

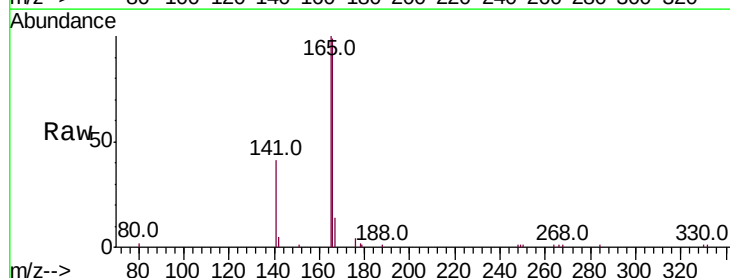
Tgt Ion:166 Resp: 13183

Ion Ratio Lower Upper

166 100

165 97.1 79.0 118.4

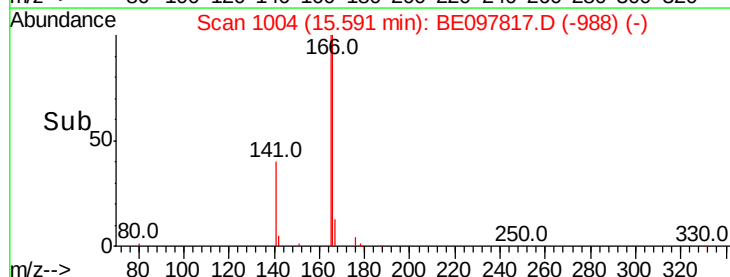
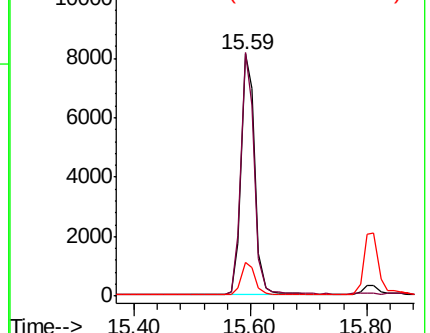
167 13.4 11.1 16.7

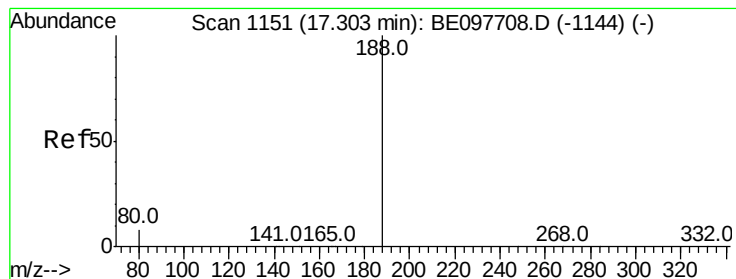


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.30 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

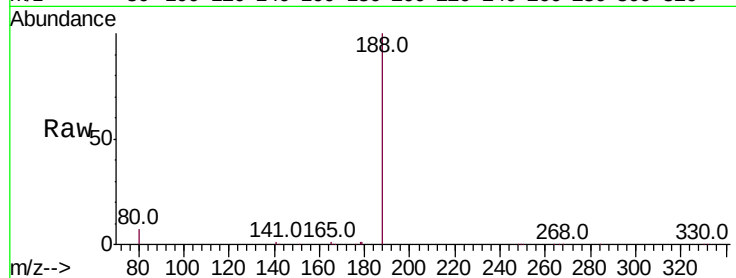
Tot Ion:188 Resp: 26402

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

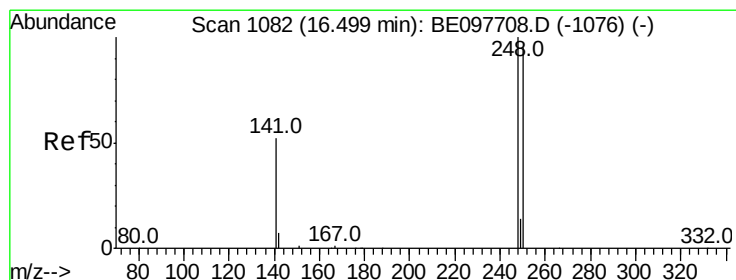
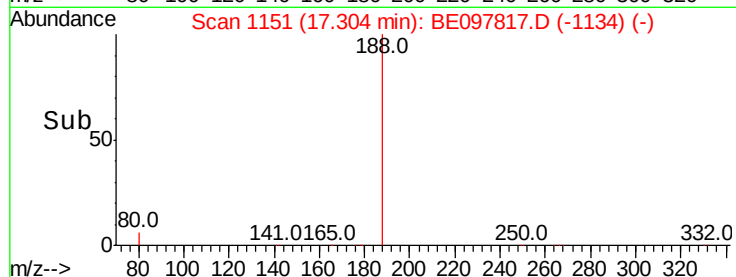
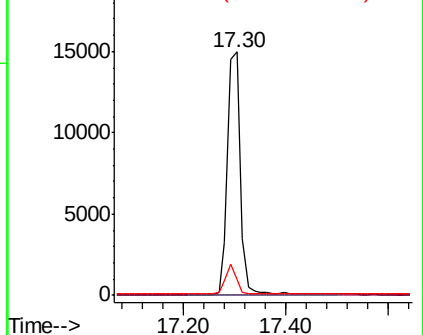
80 6.5 6.6 9.8#



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: 0.358 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

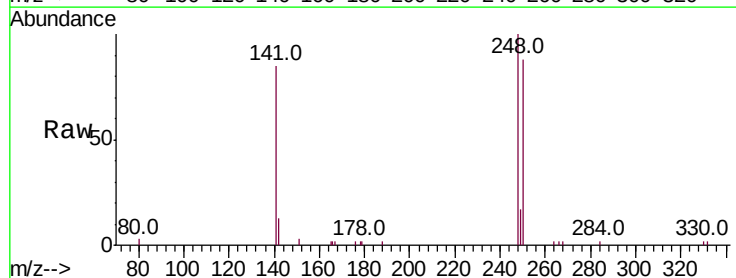
Tgt Ion:248 Resp: 4954

Ion Ratio Lower Upper

248 100

250 87.8 76.1 114.1

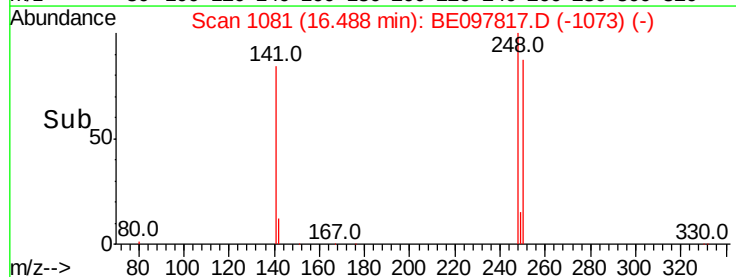
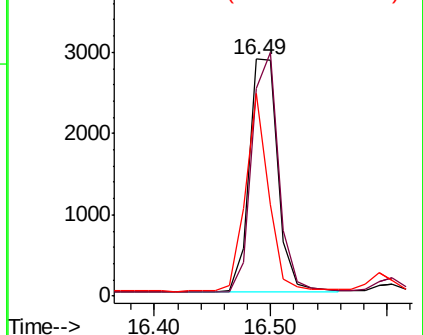
141 85.2 42.2 63.4#

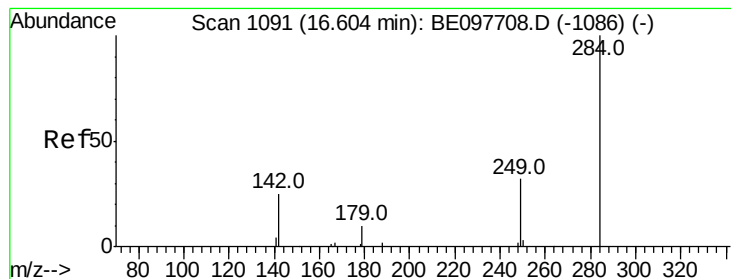


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.356 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

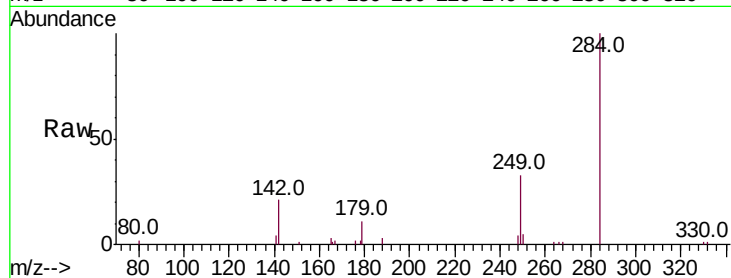
Tot Ion:284 Resp: 5554

Ion Ratio Lower Upper

284 100

142 33.2 24.9 37.3

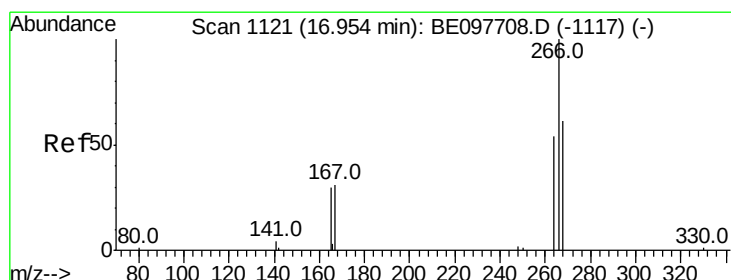
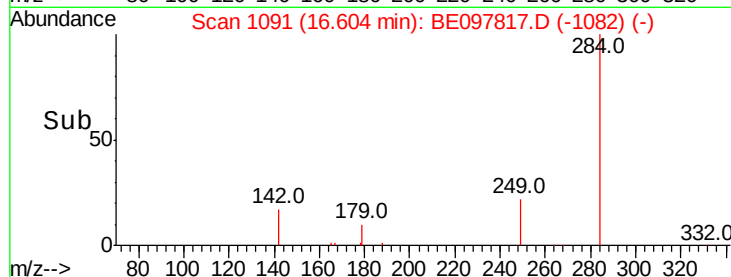
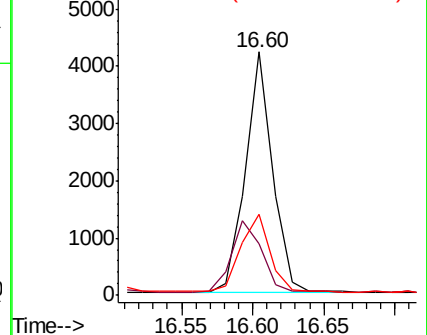
249 34.5 25.8 38.8



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: 0.434 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

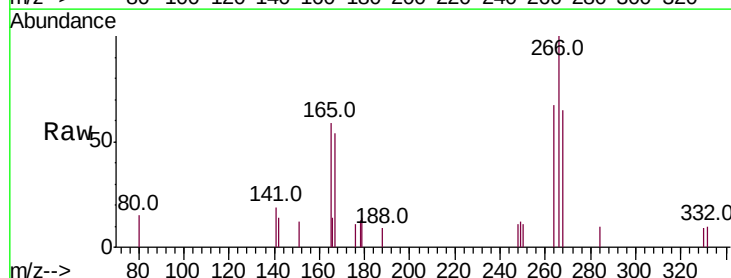
Tgt Ion:266 Resp: 1061

Ion Ratio Lower Upper

266 100

264 66.5 46.8 70.2

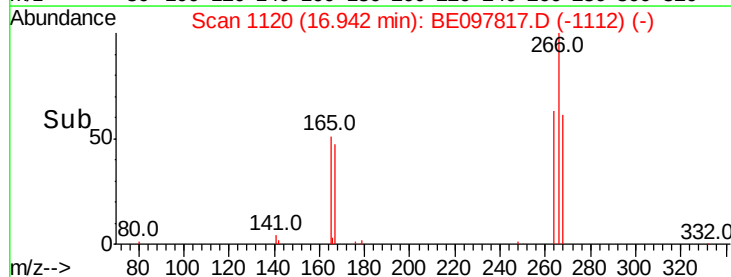
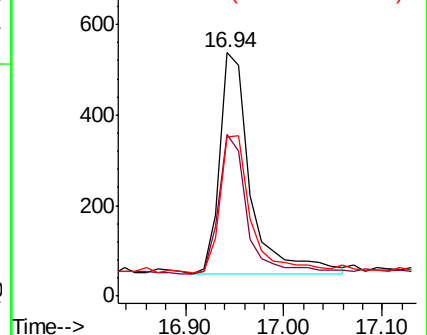
268 65.4 53.0 79.6

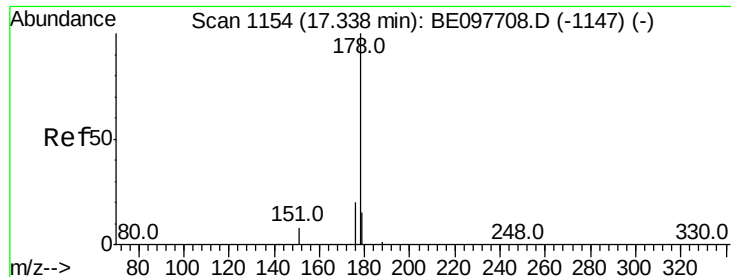


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.368 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

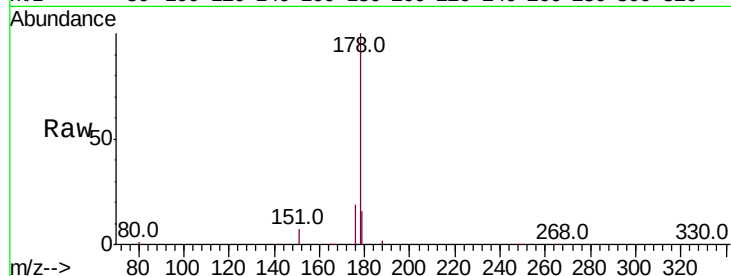
Tot Ion:178 Resp: 25046

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

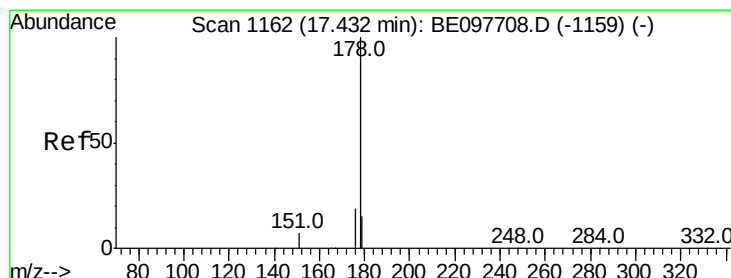
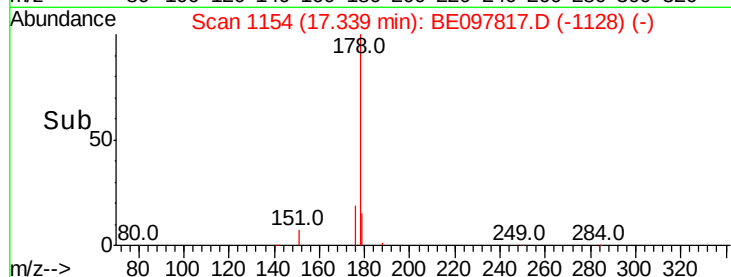
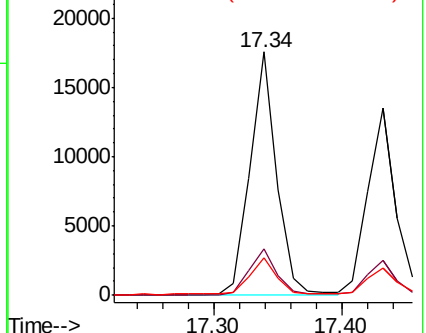
179 15.5 12.2 18.4



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: 0.345 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

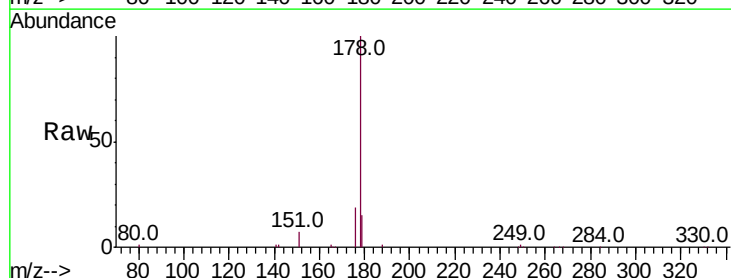
Tgt Ion:178 Resp: 20279

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

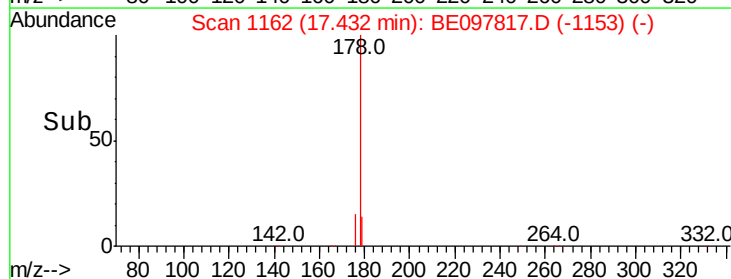
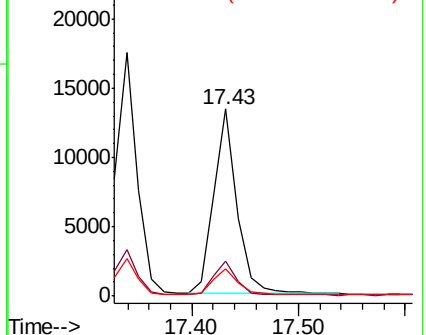
179 14.9 12.2 18.2

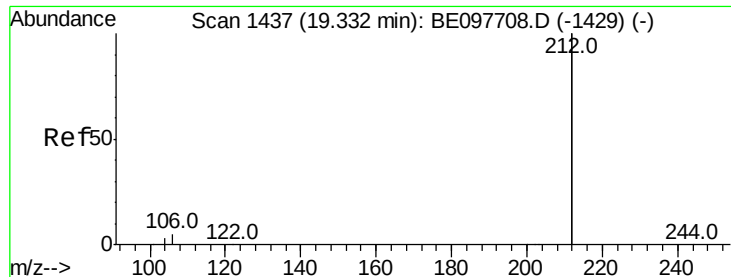


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

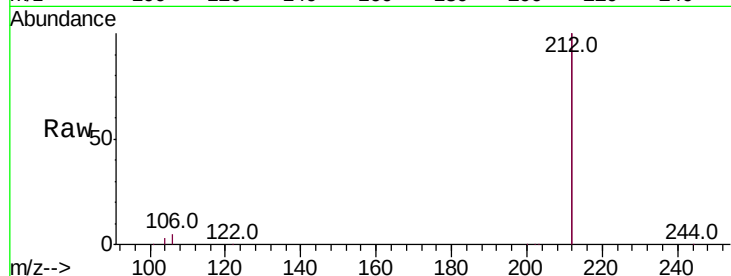
Tot Ion:212 Resp: 118689

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

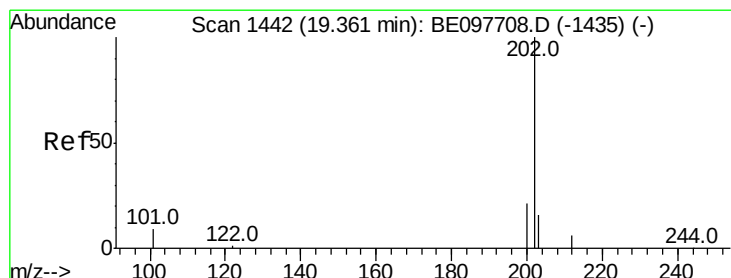
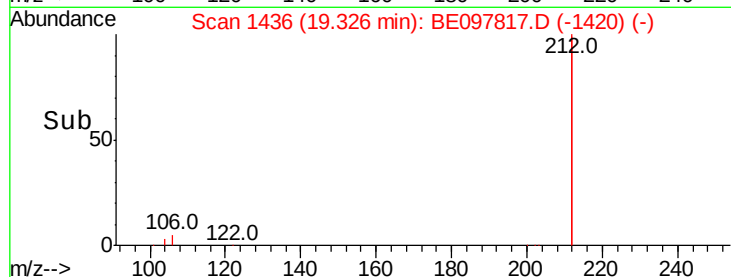
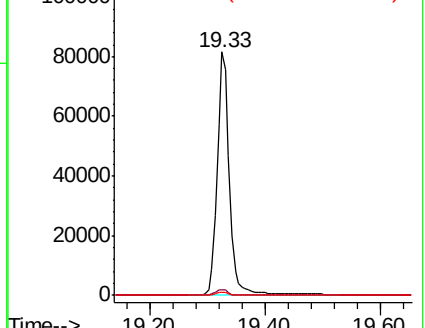
104 1.4 1.2 1.8



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: 0.351 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

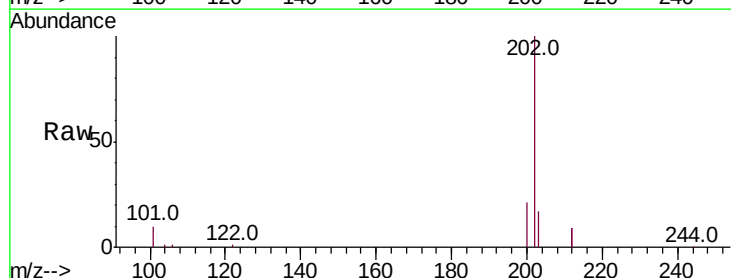
Tgt Ion:202 Resp: 30459

Ion Ratio Lower Upper

202 100

101 10.0 7.8 11.8

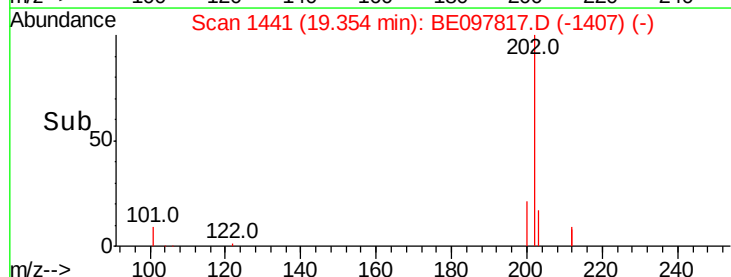
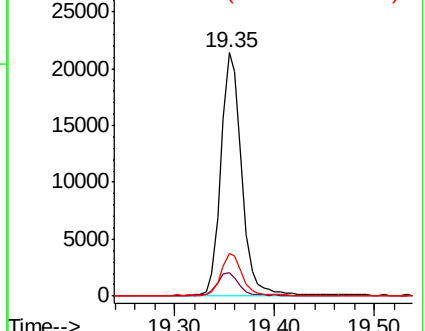
203 17.2 13.8 20.6

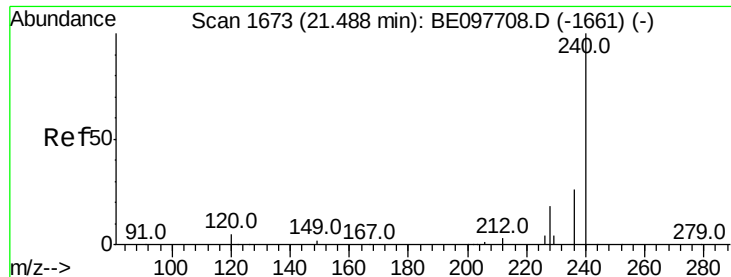


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

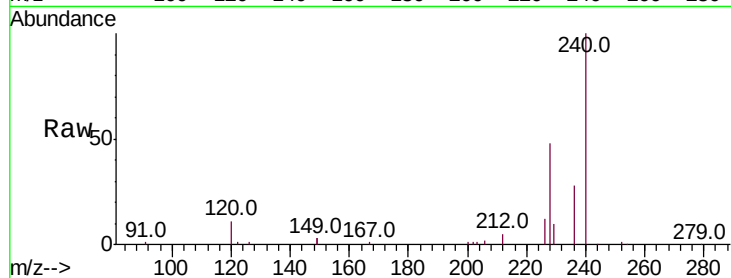
Tot Ion:240 Resp: 30217

Ion Ratio Lower Upper

240 100

120 10.5 4.7 7.1#

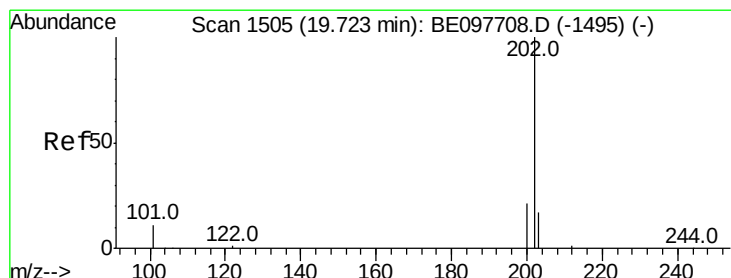
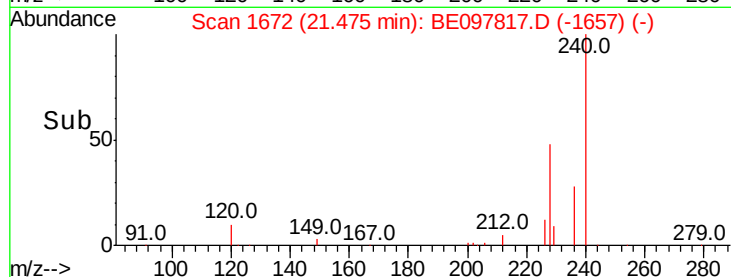
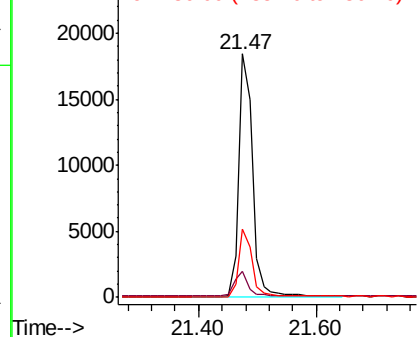
236 28.1 20.8 31.2



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: 0.410 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

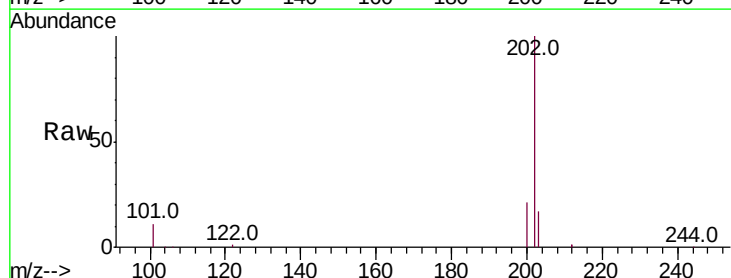
Tgt Ion:202 Resp: 31511

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

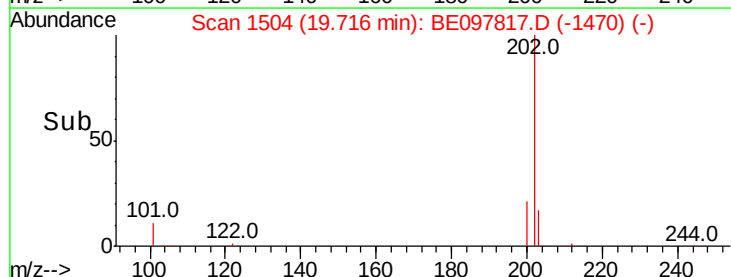
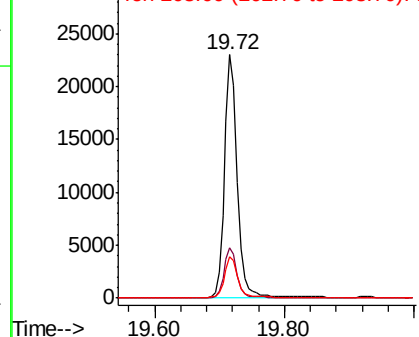
203 17.1 13.9 20.9

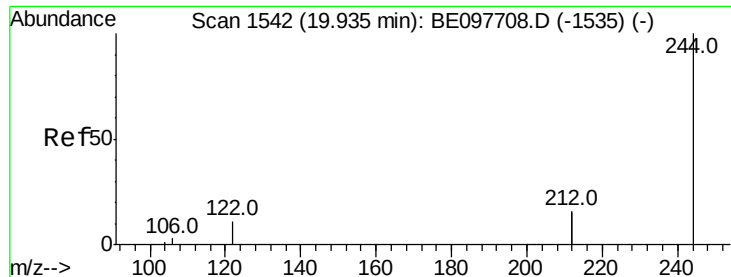


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

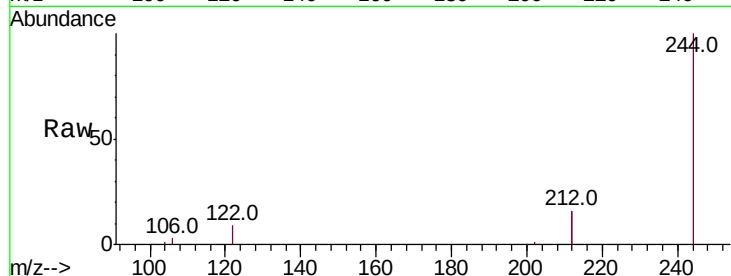
Tot Ion:244 Resp: 25172

Ion Ratio Lower Upper

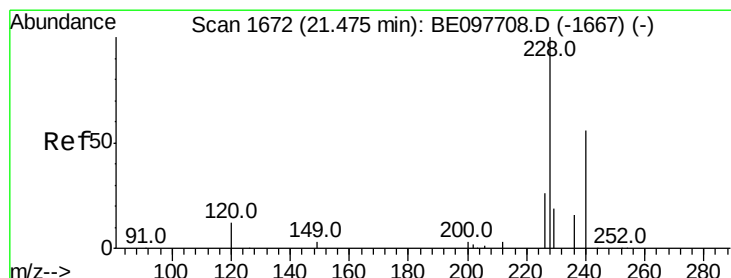
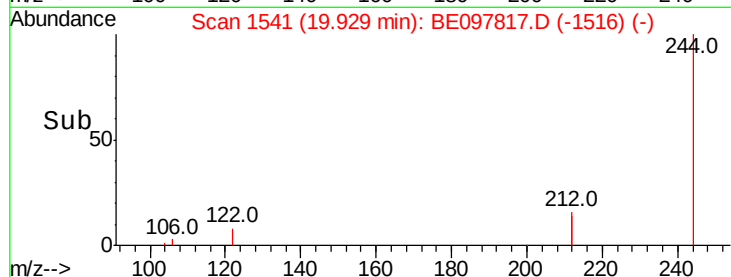
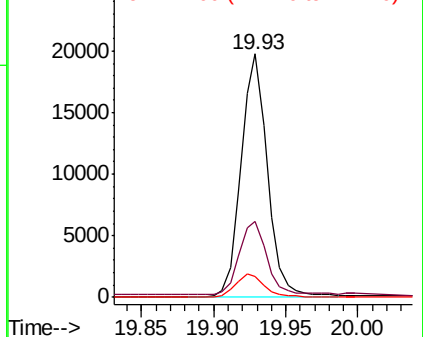
244 100

212 31.0 25.8 38.8

122 8.6 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: 0.348 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

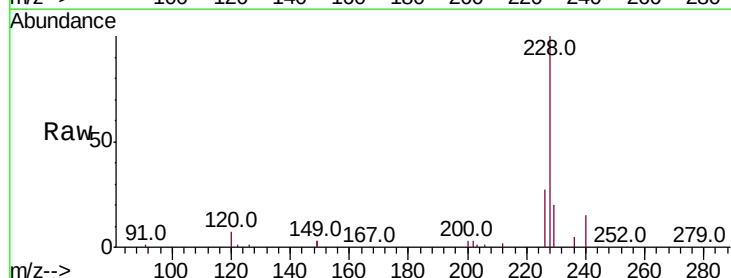
Tgt Ion:228 Resp: 28272

Ion Ratio Lower Upper

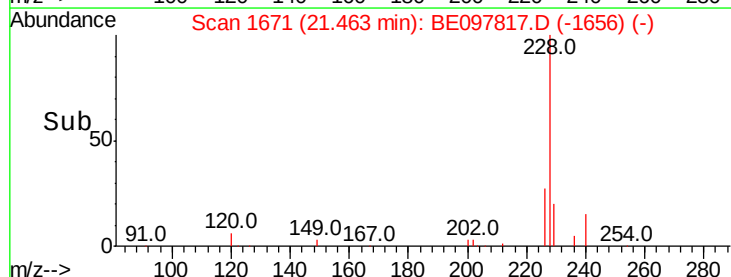
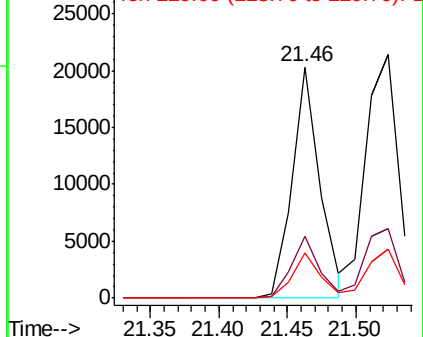
228 100

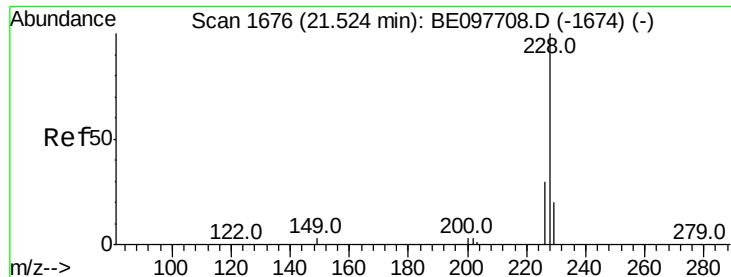
226 26.8 20.7 31.1

229 19.7 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: 0.394 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

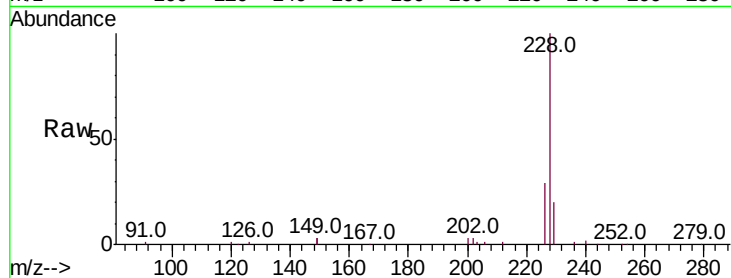
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 35759

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.3	36.5
229	20.1	16.0	24.0

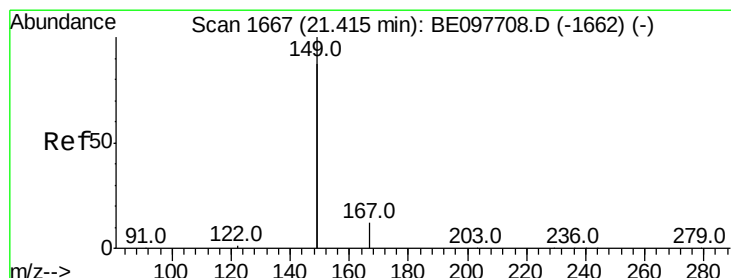
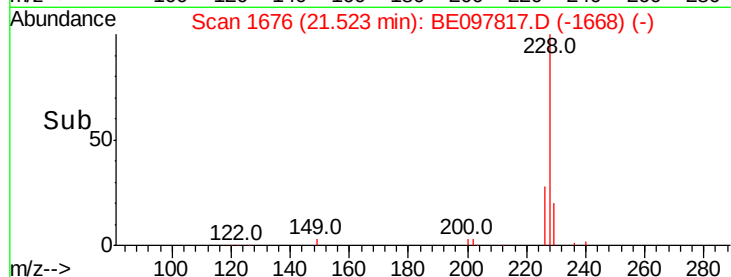
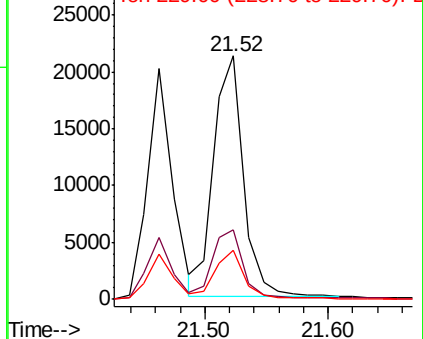


Abundance

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: 0.356 ng

RT: 21.40 min Scan# 1666

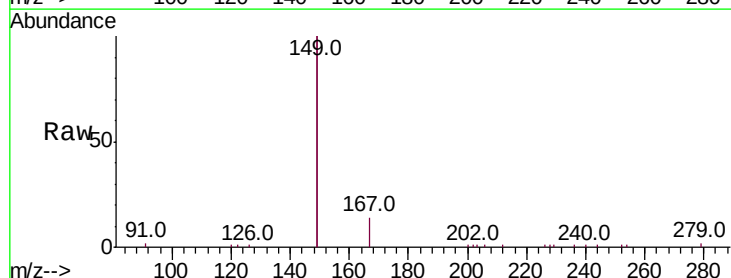
Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Tgt Ion:149 Resp: 21152

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.3	0.9	1.3

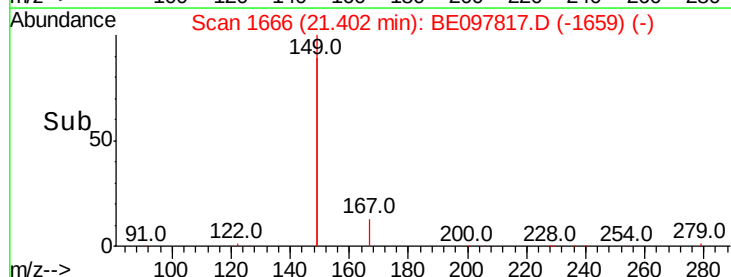
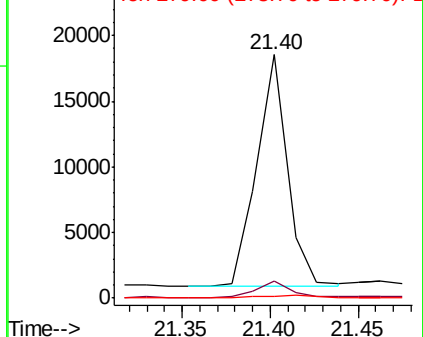


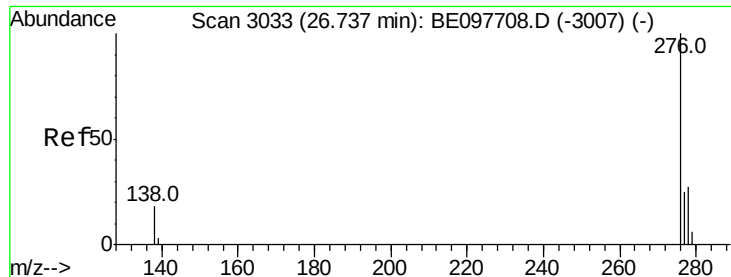
Abundance

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: 0.341 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.02 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

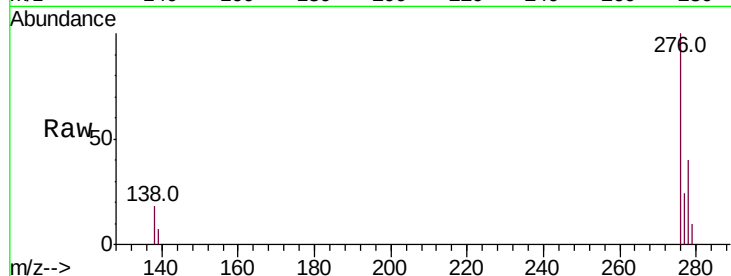
Tot Ion:276 Resp: 26888

Ion Ratio Lower Upper

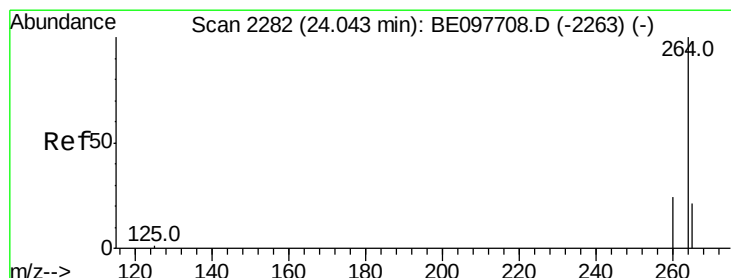
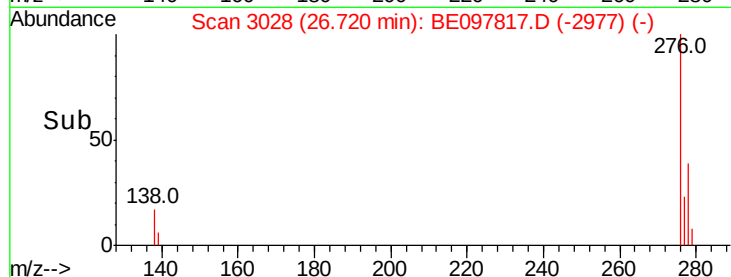
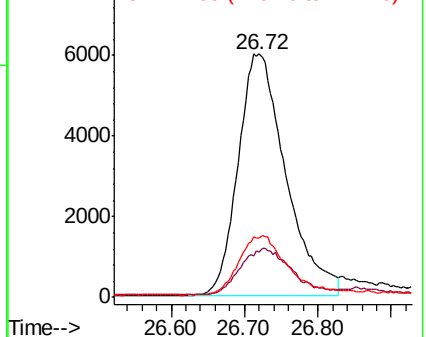
276 100

138 20.9 15.0 22.6

277 25.8 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

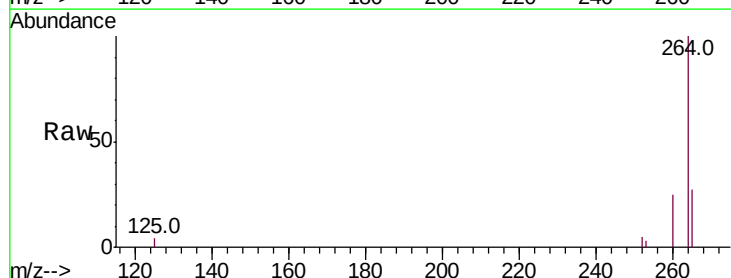
Tgt Ion:264 Resp: 29241

Ion Ratio Lower Upper

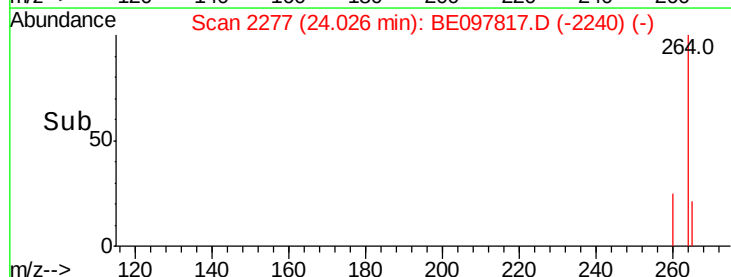
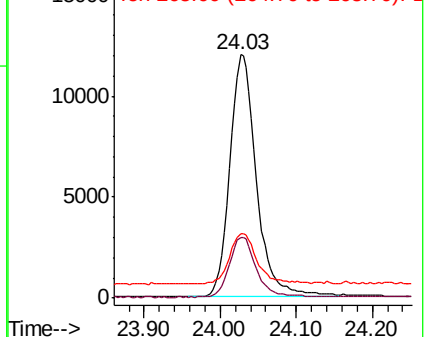
264 100

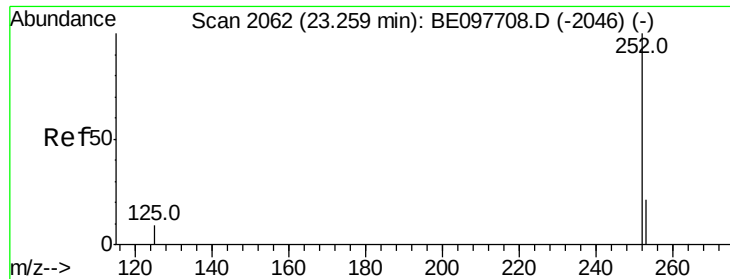
260 24.8 19.1 28.7

265 26.6 21.9 32.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.321 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

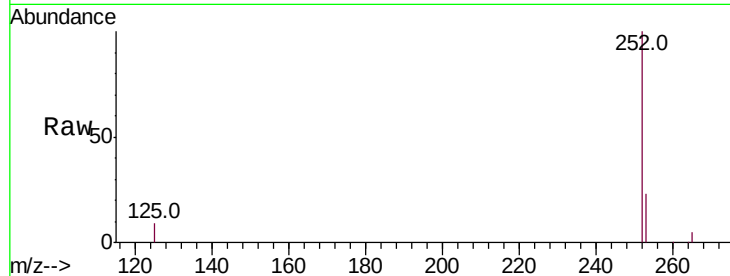
Tot Ion:252 Resp: 25769

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

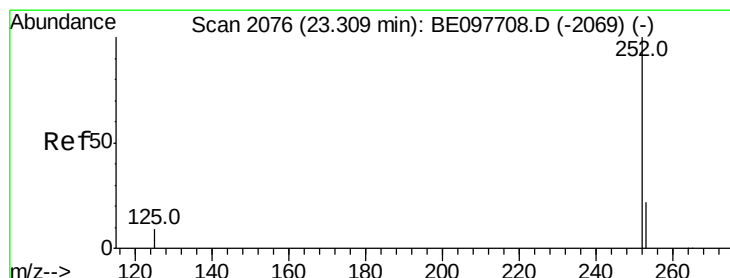
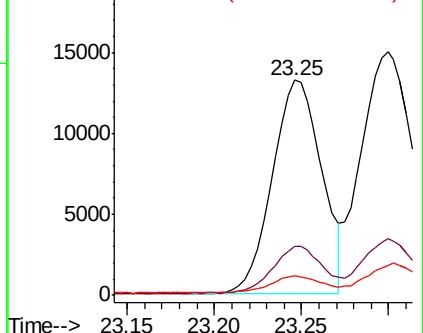
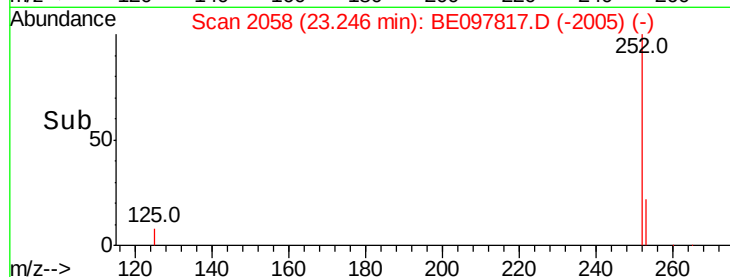
125 9.2 7.8 11.8



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: 0.290 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.06 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

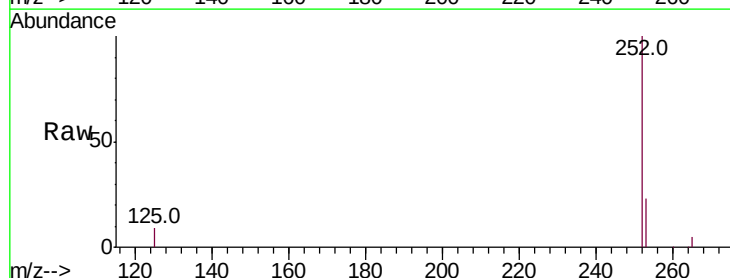
Tgt Ion:252 Resp: 25769

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

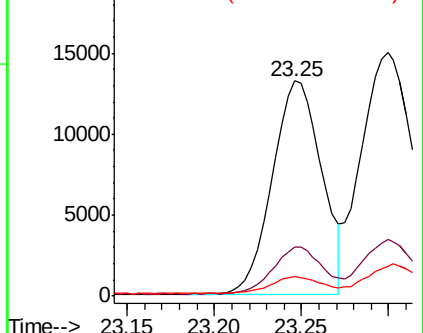
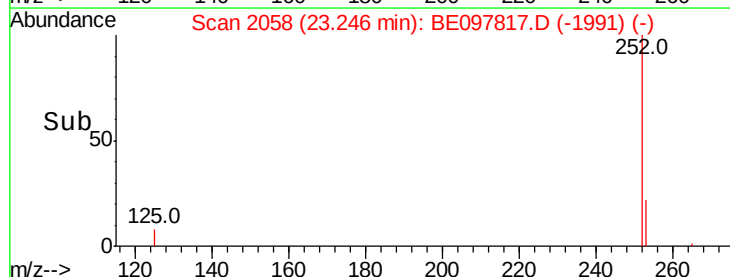
125 9.2 7.5 11.3

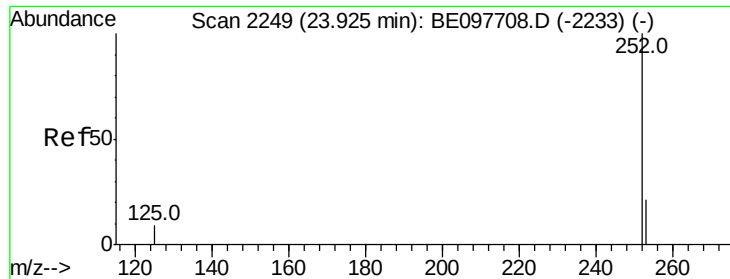


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.312 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

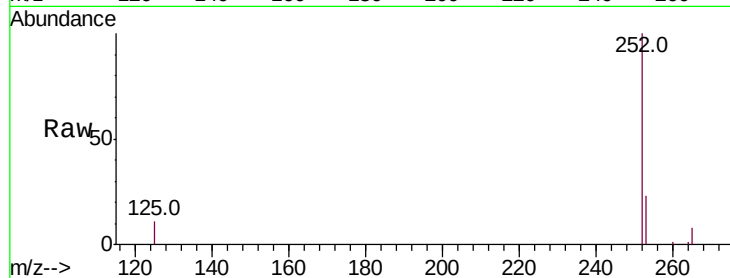
Tot Ion:252 Resp: 22632

Ion Ratio Lower Upper

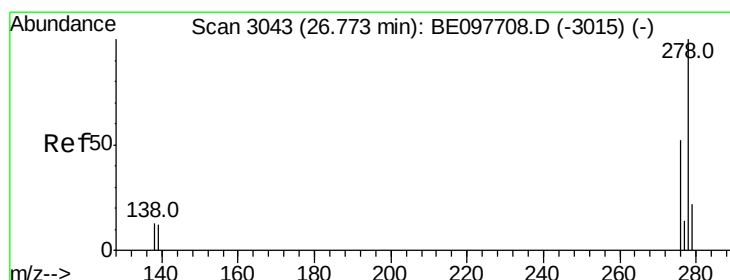
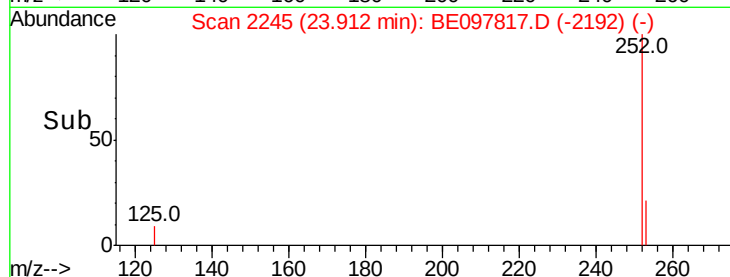
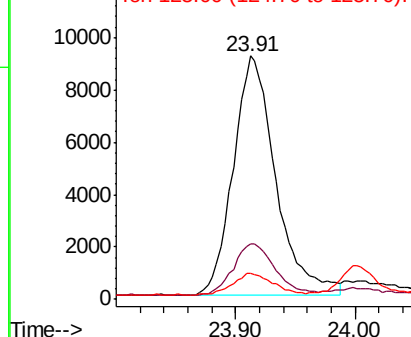
252 100

253 22.7 17.7 26.5

125 10.9 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: 0.331 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

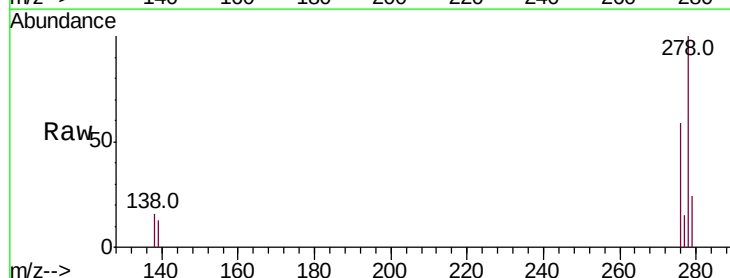
Tgt Ion:278 Resp: 23688

Ion Ratio Lower Upper

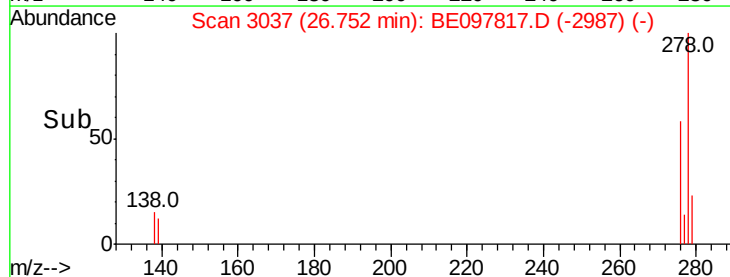
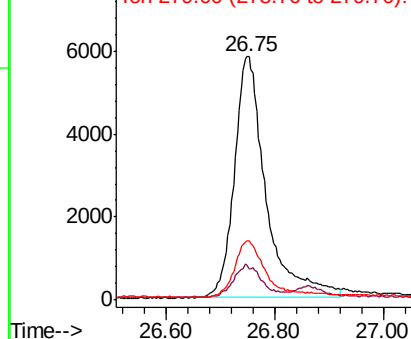
278 100

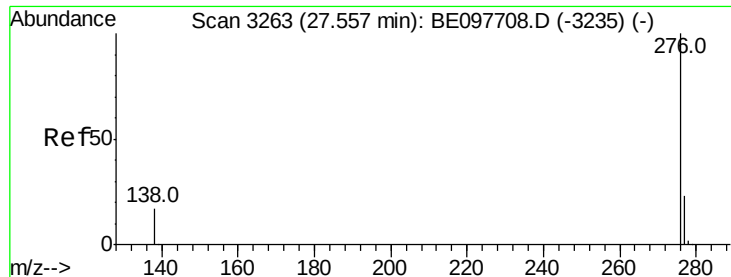
139 12.9 10.3 15.5

279 24.3 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(a,h,i)perylene

Concen: 0.348 ng

RT: 27.54 min Scan# 3257

Delta R.T. -0.02 min

Lab File: BE097817.D

Acq: 9 Oct 2018 14:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

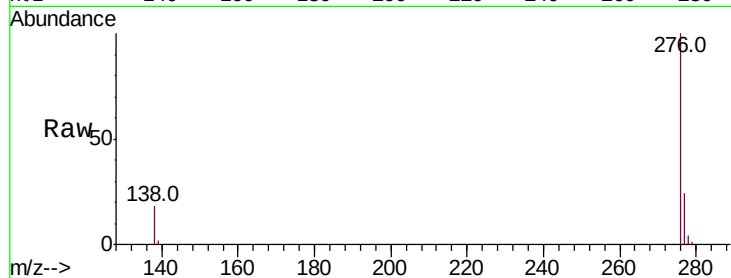
Tot Ion:276 Resp: 26070

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 17.9 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

