

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097544.D
 Acq On : 19 Sep 2018 17:33
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 20 05:08:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	783	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3688	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2067	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5912	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9136	0.40	ng	0.00
34) Perylene-d12	23.21	264	9175	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	920	0.39	ng	0.00
5) Phenol-d6	6.60	99	1133	0.38	ng	0.00
8) Nitrobenzene-d5	8.52	82	1133	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2055	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	320	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	3066	0.42	ng	0.00
25) Fluoranthene-d10	18.80	212	30609	0.40	ng	0.00
29) Terphenyl-d14	19.42	244	6871	0.41	ng	0.00

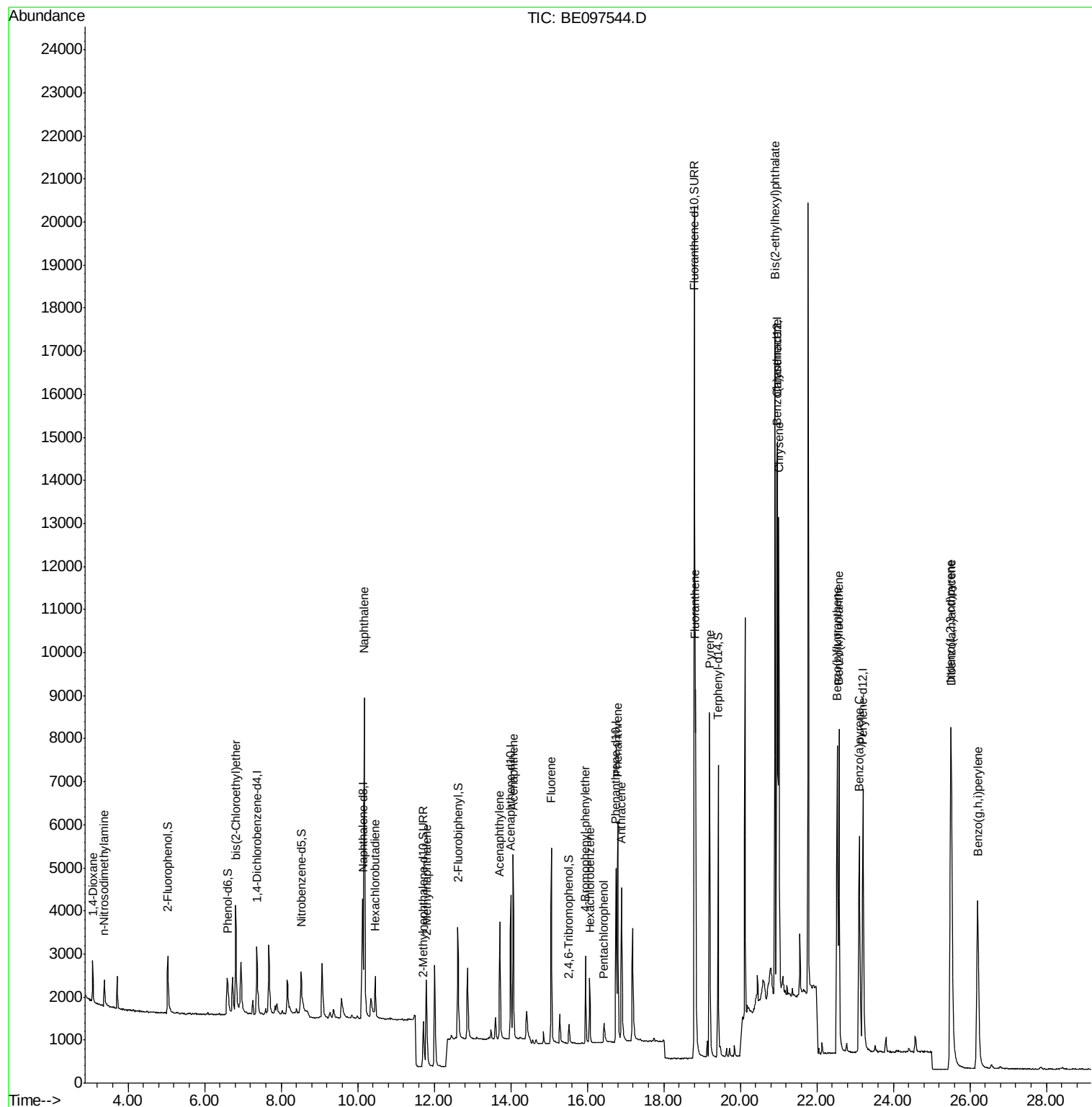
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	591	0.447	ng	# 82
3) n-Nitrosodimethylamine	3.37	42	434	0.382	ng	# 87
6) bis(2-Chloroethyl)ether	6.82	93	1121	0.403	ng	83
9) Naphthalene	10.17	128	13990	0.421	ng	99
10) Hexachlorobutadiene	10.46	225	641	0.419	ng	98
12) 2-Methylnaphthalene	11.80	142	2089	0.403	ng	99
16) Acenaphthylene	13.72	152	3304	0.404	ng	100
17) Acenaphthene	14.06	154	2242	0.409	ng	95
18) Fluorene	15.06	166	2936	0.411	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1078	0.404	ng	# 88
21) Hexachlorobenzene	16.07	284	1202	0.410	ng	# 85
22) Pentachlorophenol	16.44	266	362	0.405	ng	# 79
23) Phenanthrene	16.80	178	5696	0.406	ng	99
24) Anthracene	16.89	178	4741	0.382	ng	95
26) Fluoranthene	18.83	202	7944	0.408	ng	98
28) Pyrene	19.20	202	8737	0.420	ng	100
30) Benzo(a)anthracene	20.95	228	9077	0.395	ng	97
31) Chrysene	21.00	228	10202	0.413	ng	100
32) Bis(2-ethylhexyl)phthalate	20.91	149	16119	0.428	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	12316	0.415	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	9161	0.389	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	11248	0.419	ng	94
37) Benzo(a)pyrene	23.11	252	9282	0.407	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	10196	0.413	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	9991	0.417	ng	# 89

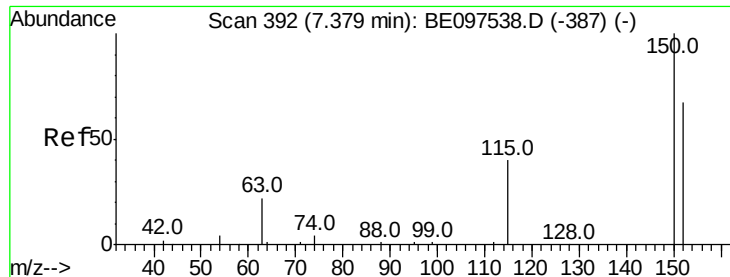
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 19 16:26:00 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.37 min Scan# 391

Delta R.T. -0.01 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

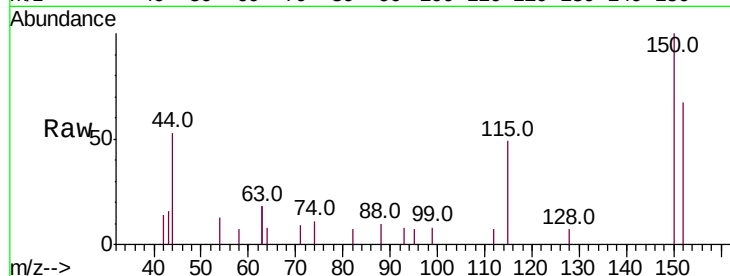
Tot Ion:152 Resp: 783

Ion Ratio Lower Upper

152 100

150 149.0 117.2 175.8

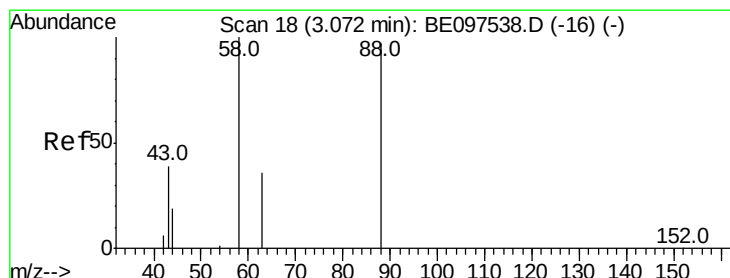
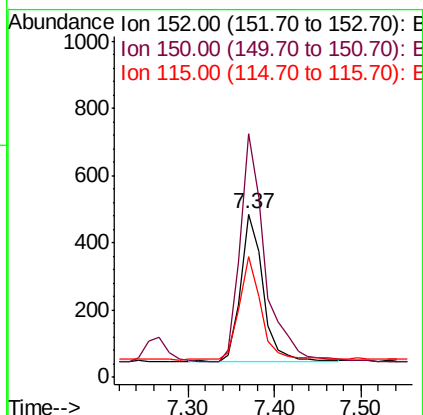
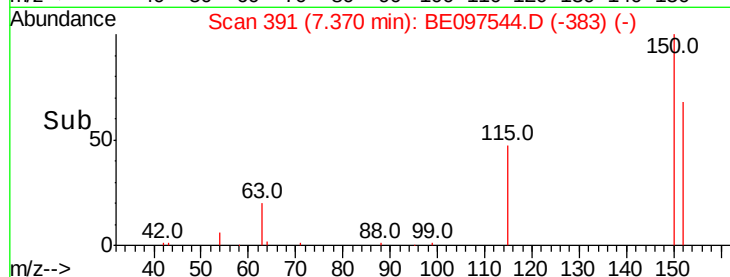
115 73.7 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.447 ng

RT: 3.07 min Scan# 18

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

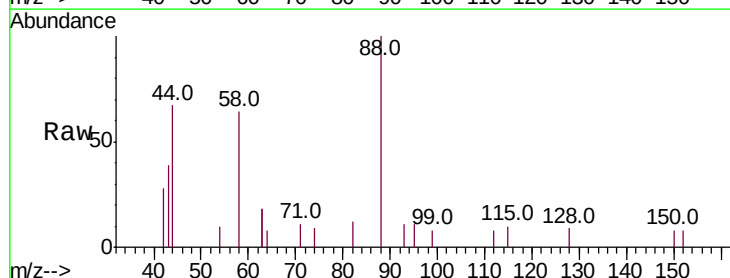
Tgt Ion: 88 Resp: 591

Ion Ratio Lower Upper

88 100

58 73.6 63.2 94.8

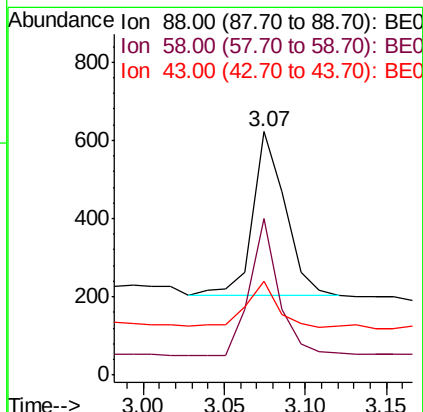
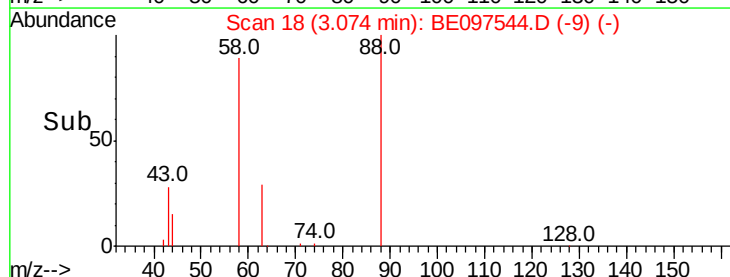
43 25.7 41.2 61.8#

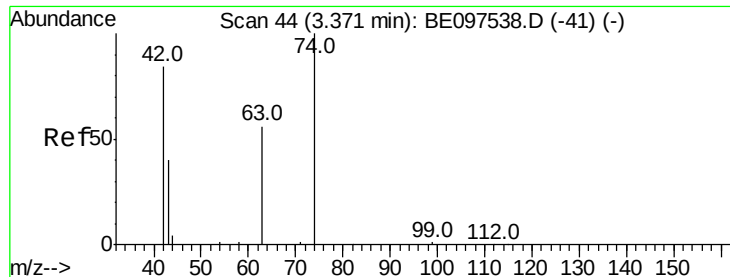


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.382 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

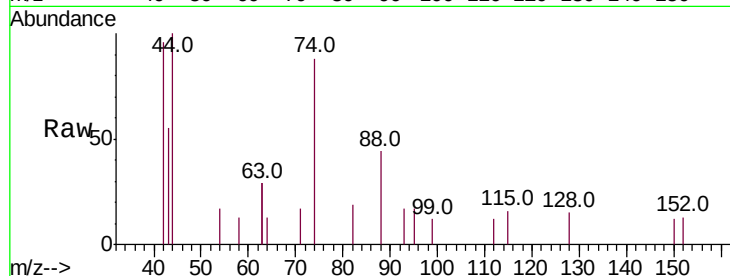
Tot Ion: 42 Resp: 434

Ion Ratio Lower Upper

42 100

74 134.8 96.0 144.0

44 10.6 12.0 18.0#

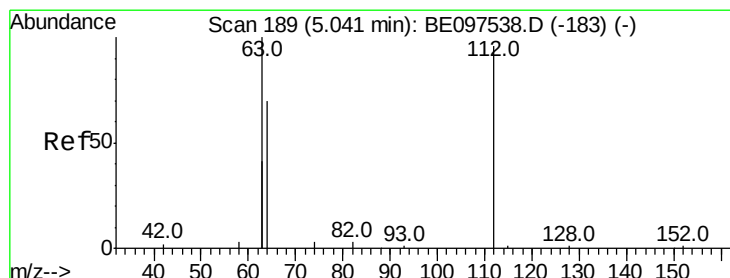
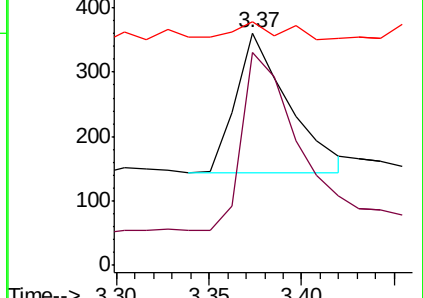
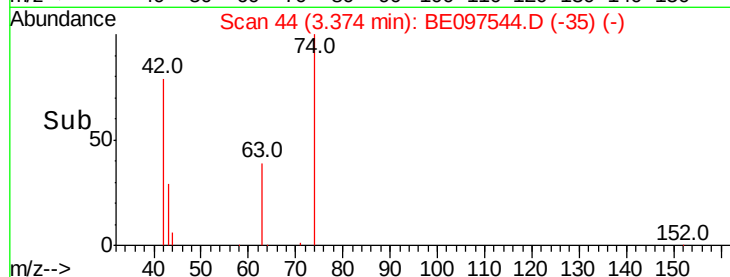


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time--> 3.30 3.35 3.40



#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.04 min Scan# 189

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

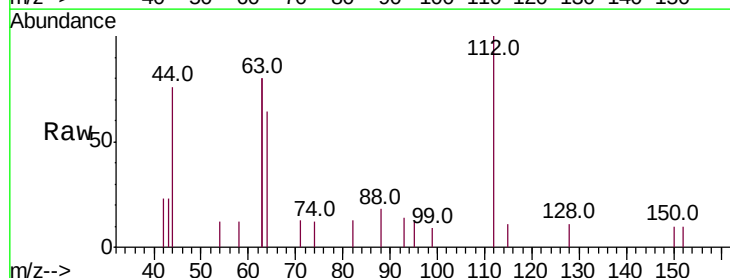
Tgt Ion: 112 Resp: 920

Ion Ratio Lower Upper

112 100

64 67.2 60.1 90.1

63 137.7 116.8 175.2

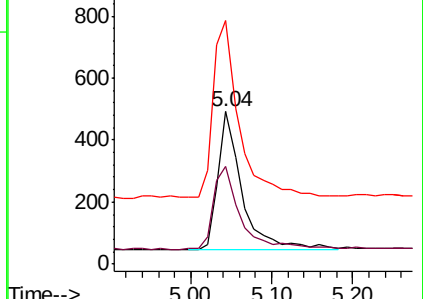
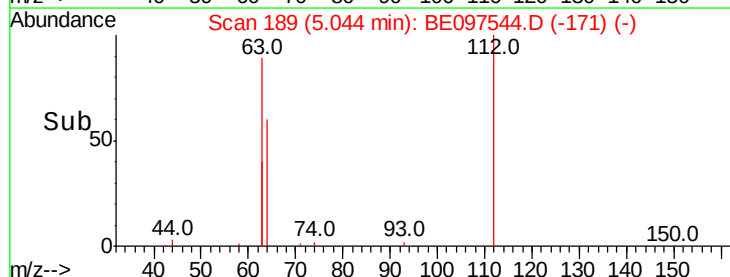


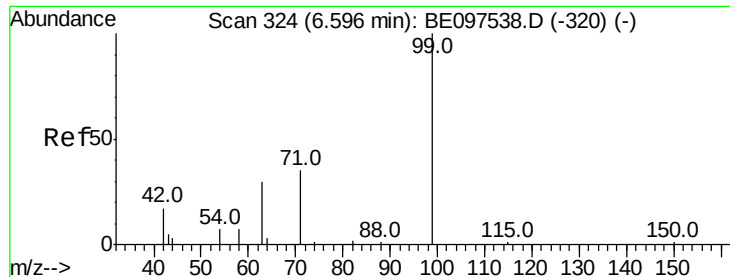
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time--> 5.00 5.10 5.20





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

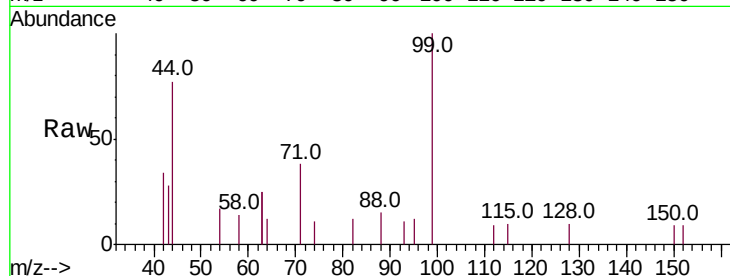
Tot Ion: 99 Resp: 1133

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

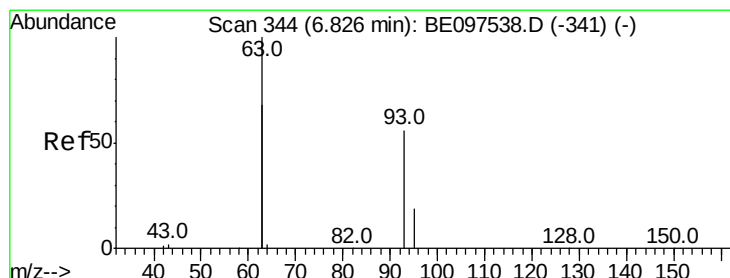
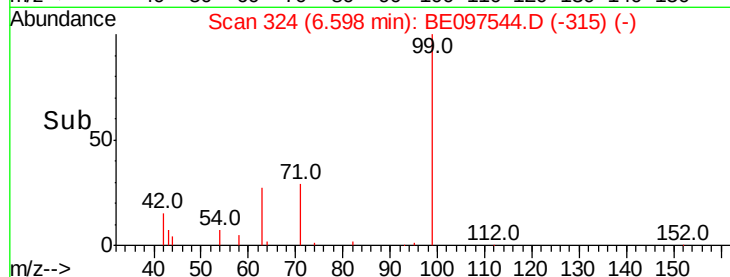
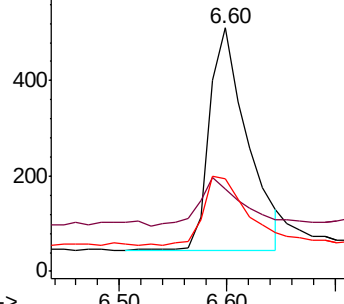
71 35.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.01 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

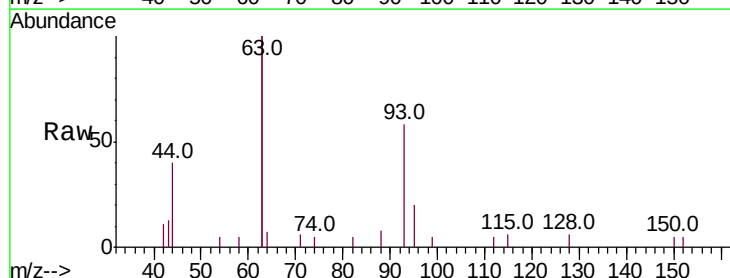
Tgt Ion: 93 Resp: 1121

Ion Ratio Lower Upper

93 100

63 305.9 275.3 412.9

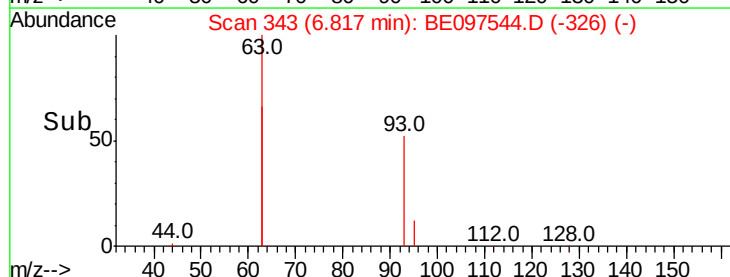
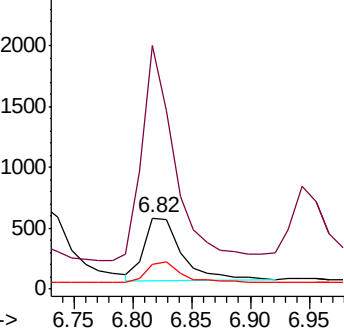
95 33.8 25.2 37.8

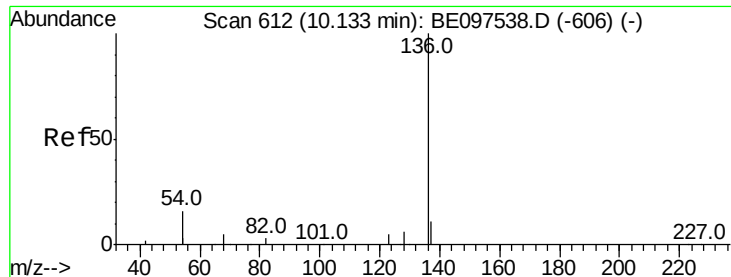


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3688

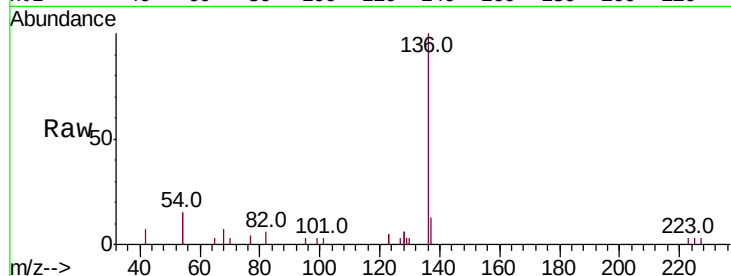
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 30.5 29.1 43.7

68 7.3 6.2 9.2

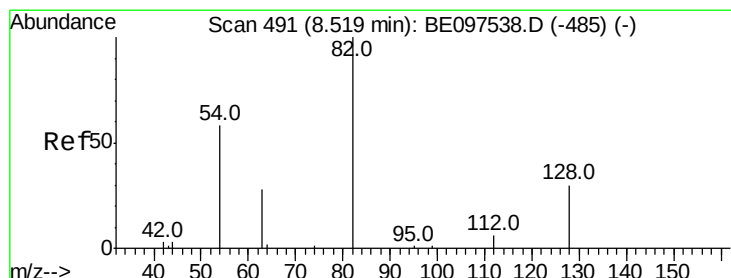
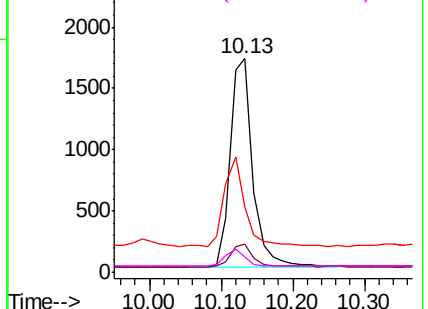
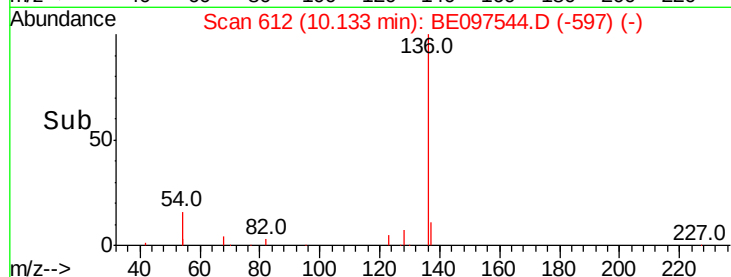


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.398 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

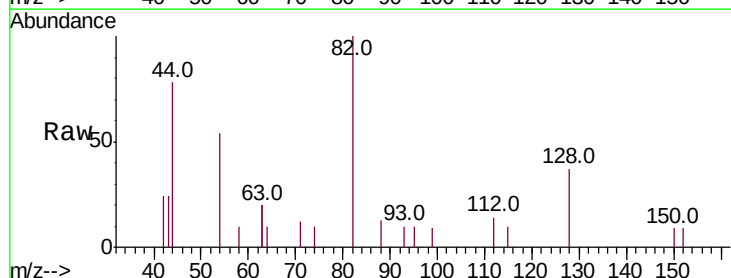
Tgt Ion: 82 Resp: 1133

Ion Ratio Lower Upper

82 100

128 37.3 24.0 36.0#

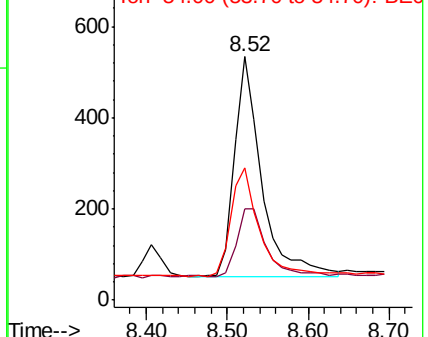
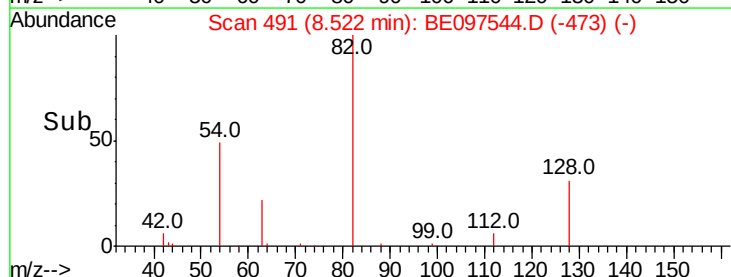
54 54.5 40.0 60.0

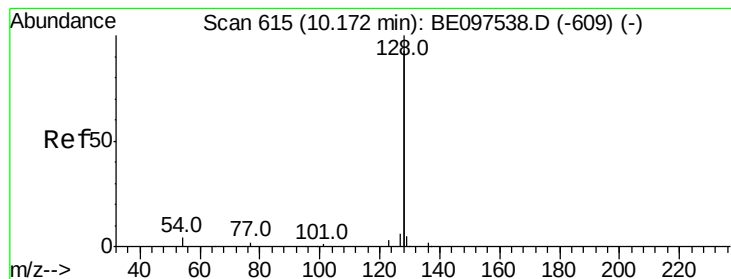


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.421 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

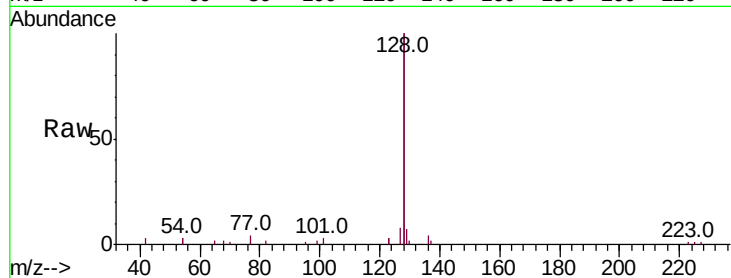
Tot Ion:128 Resp: 13990

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

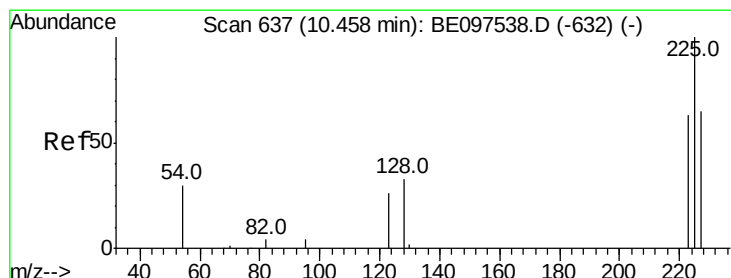
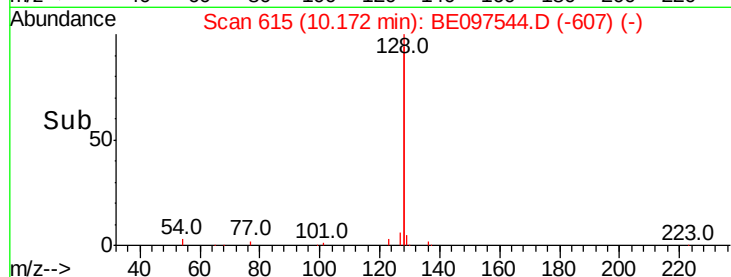
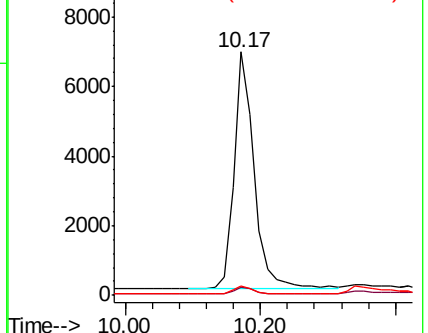
127 3.9 2.8 4.2



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: 0.419 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

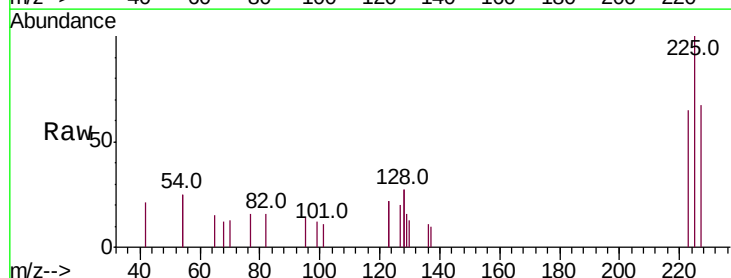
Tgt Ion:225 Resp: 641

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

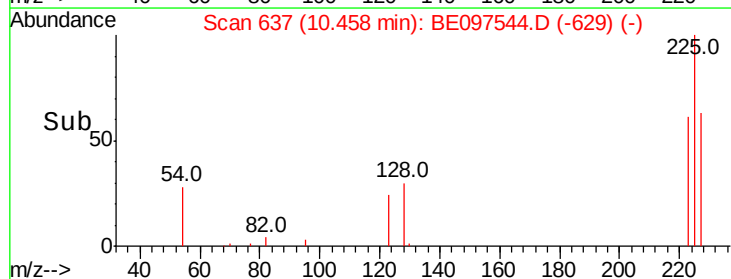
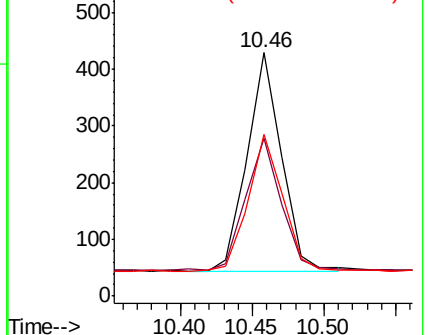
227 64.0 51.4 77.2

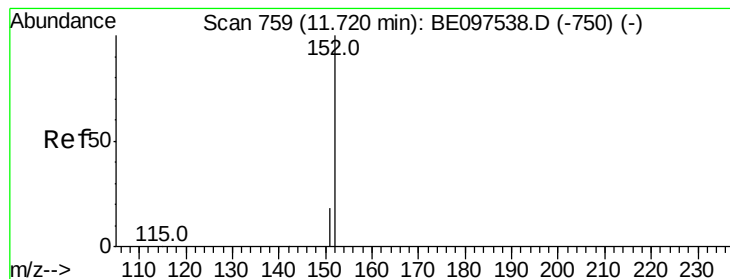


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

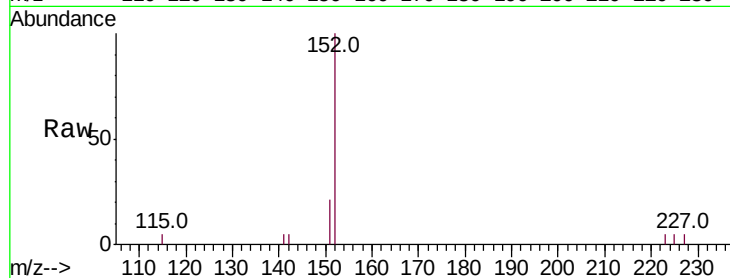
SSTDCCC0.4

Tot Ion:152 Resp: 2055

Ion Ratio Lower Upper

152 100

151 18.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

1000

800

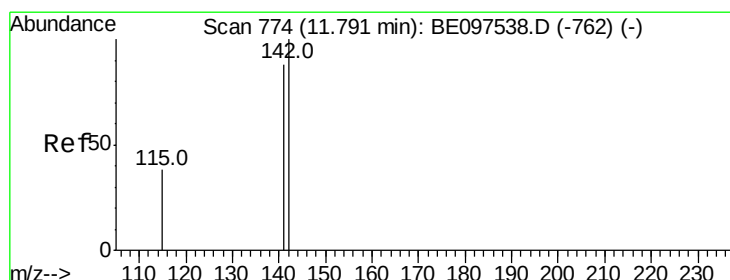
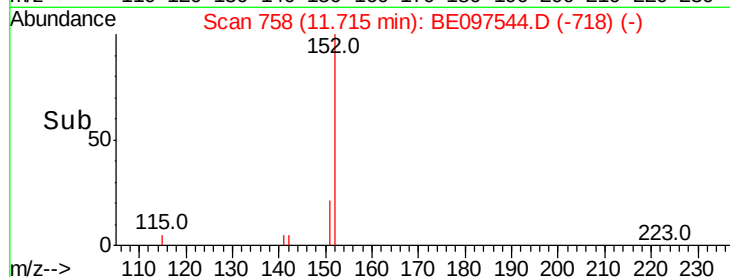
600

400

200

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.403 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

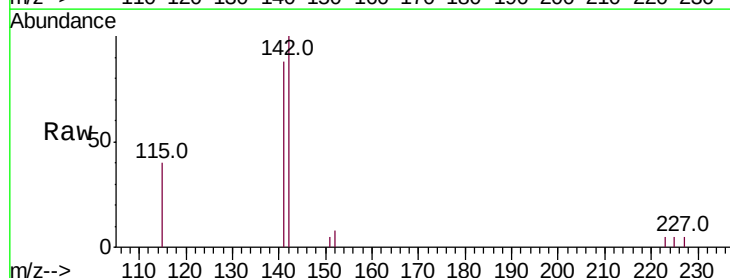
Tgt Ion:142 Resp: 2089

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

115 40.3 31.7 47.5



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

11.80

1200

1000

800

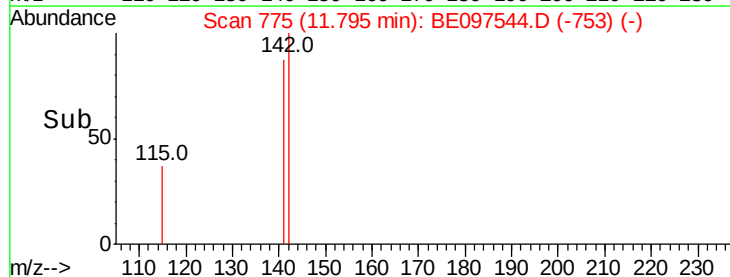
600

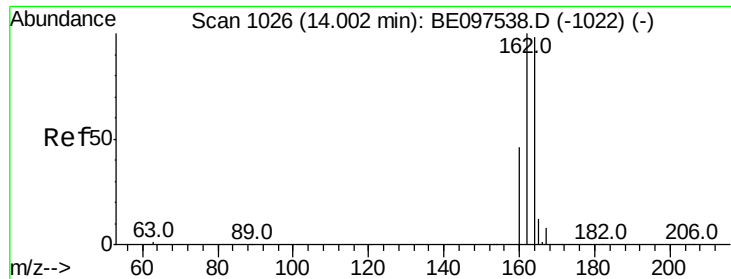
400

200

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

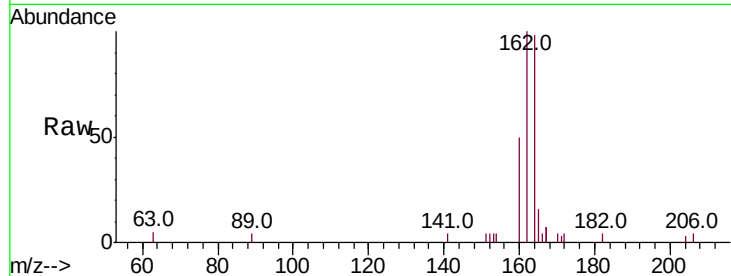
Tot Ion:164 Resp: 2067

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.1	124.7
160	50.5	37.1	55.7

164 100

162 101.9 83.1 124.7

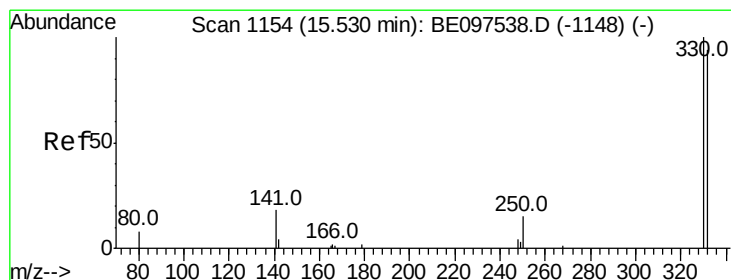
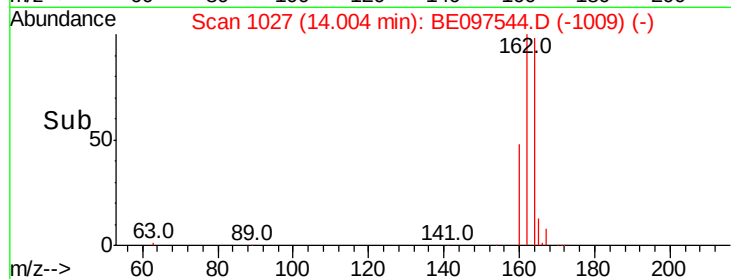
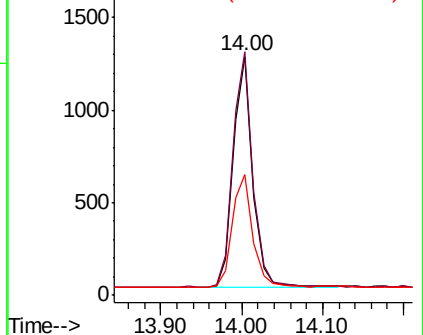
160 50.5 37.1 55.7



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: 0.411 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

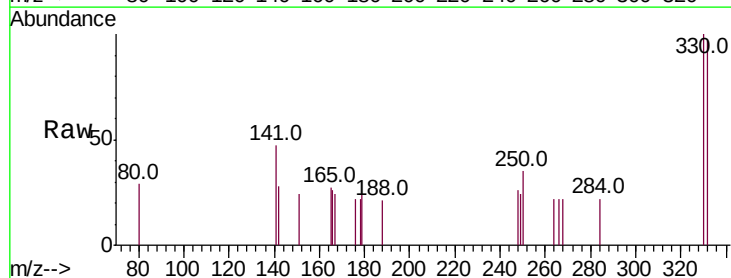
Tgt Ion:330 Resp: 320

Ion	Ratio	Lower	Upper
330	100		
332	98.1	152.7	229.1#
141	38.4	33.7	50.5

330 100

332 98.1 152.7 229.1#

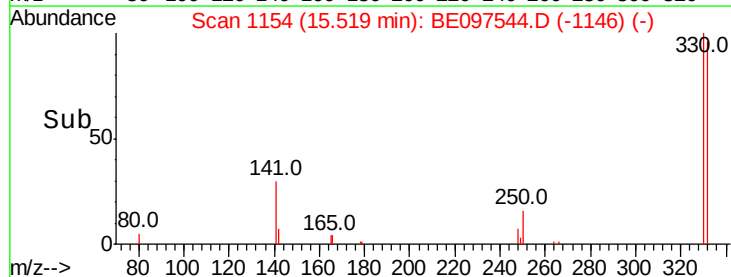
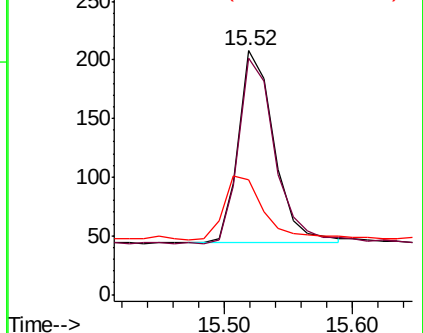
141 38.4 33.7 50.5

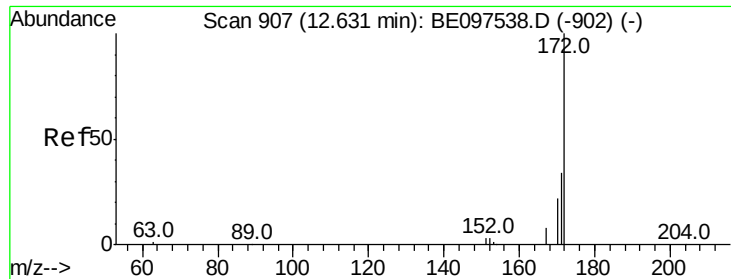


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

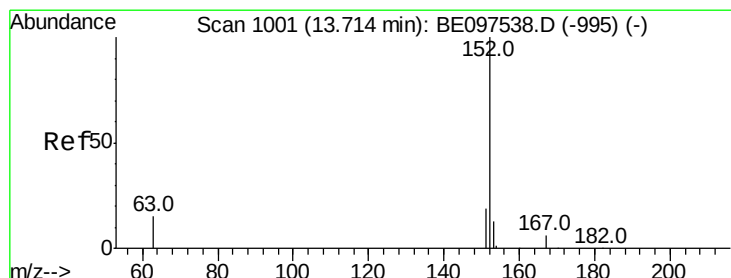
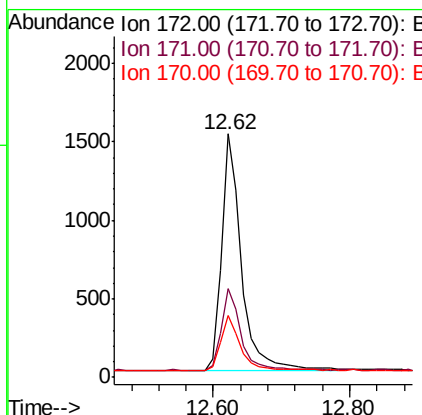
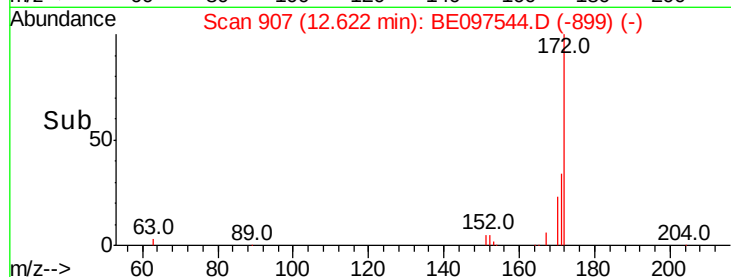
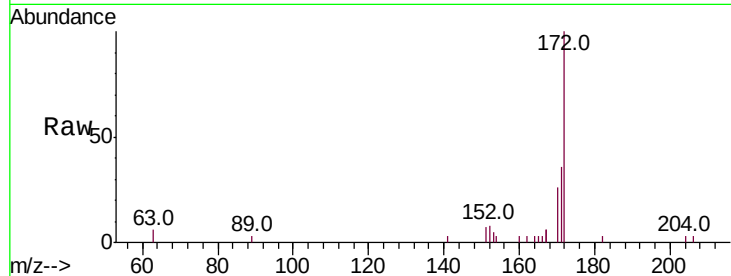




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

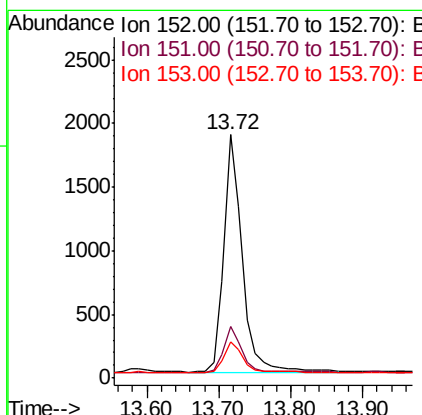
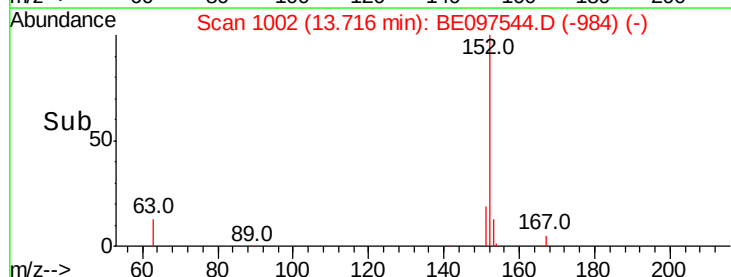
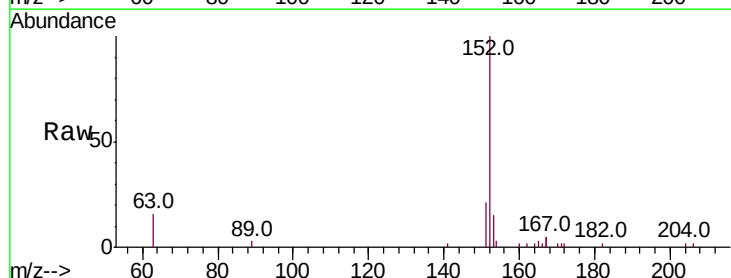
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

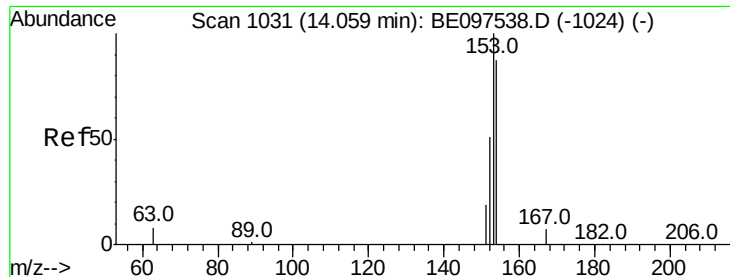
Tot Ion:172 Resp: 3066
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 25.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.404 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:152 Resp: 3304
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

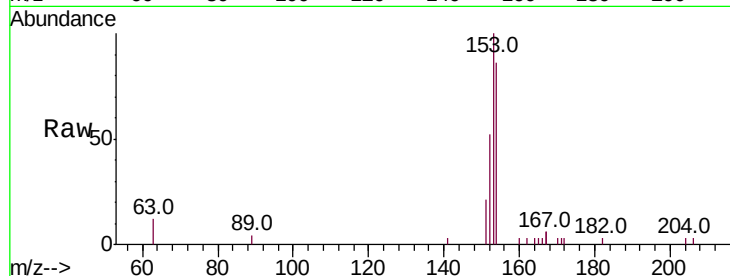
Tot Ion:154 Resp: 2242

Ion Ratio Lower Upper

154 100

153 115.7 89.2 133.8

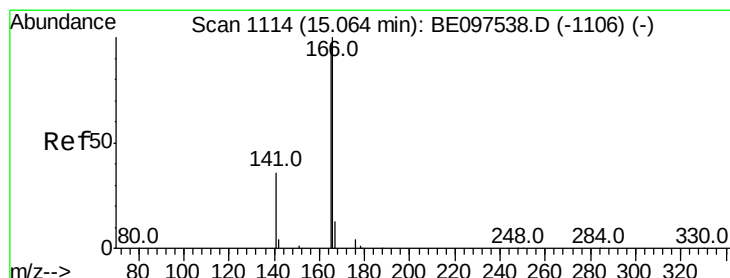
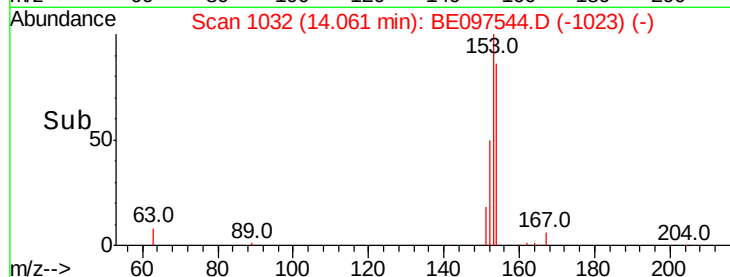
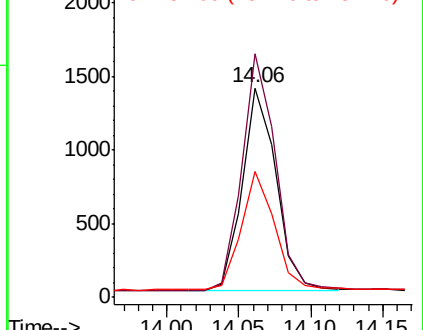
152 58.0 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.411 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

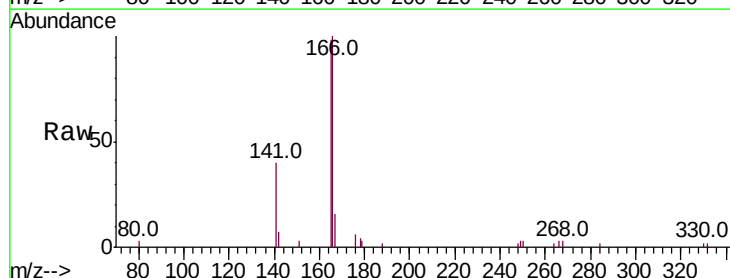
Tgt Ion:166 Resp: 2936

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

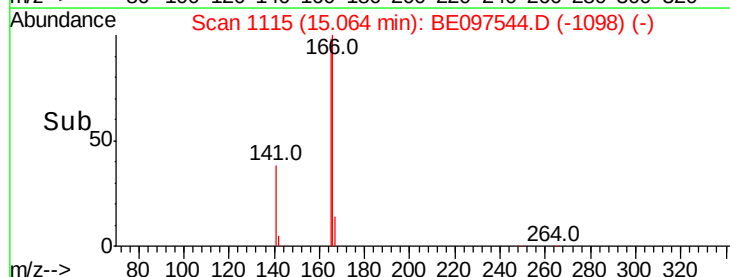
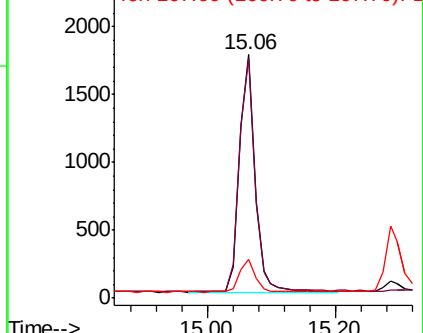
167 14.1 42.4 63.6#

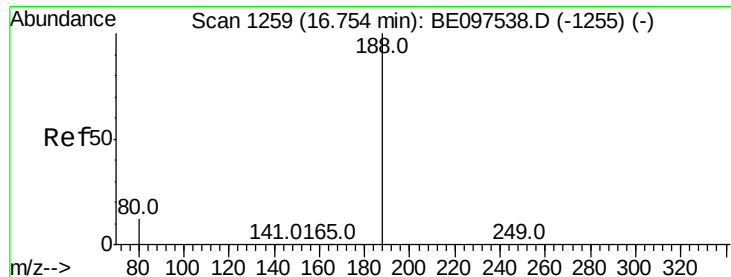


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

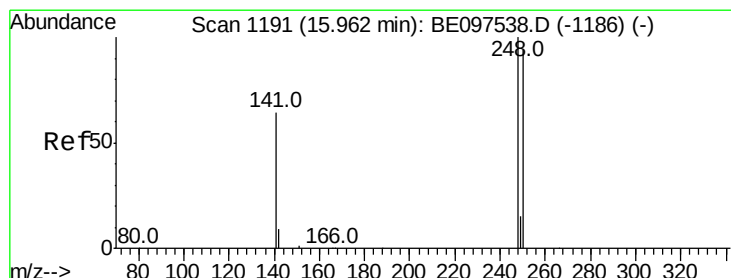
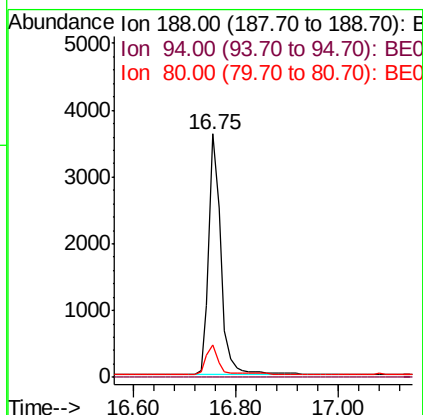
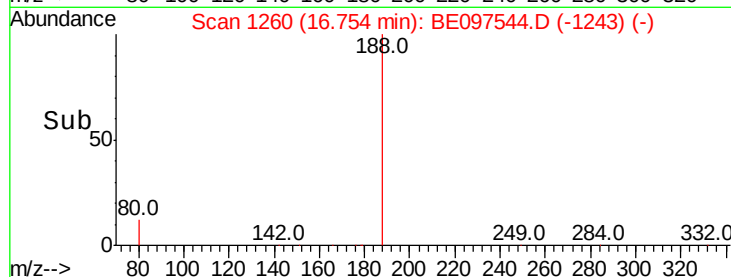
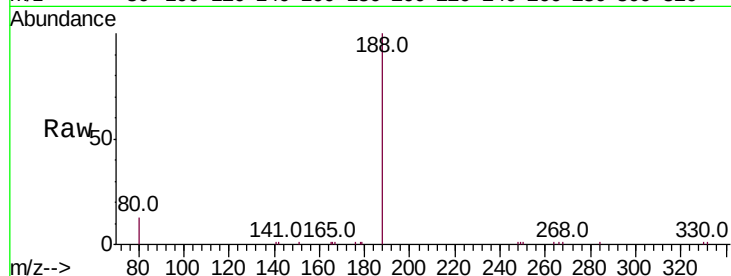
Tot Ion:188 Resp: 5912

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

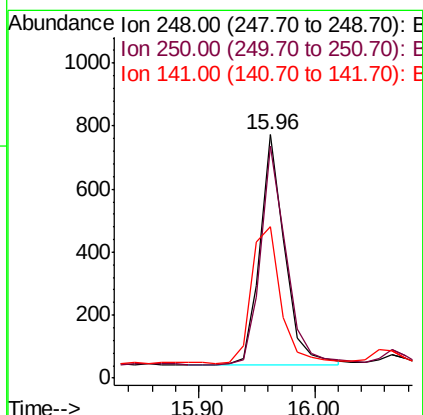
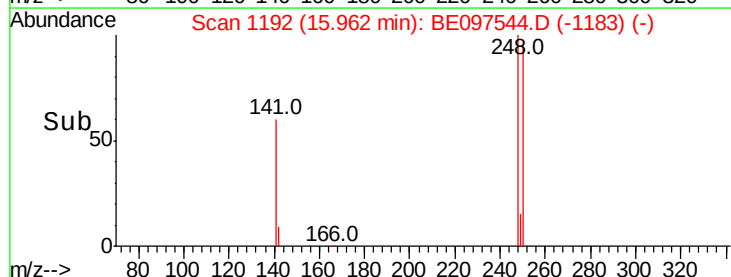
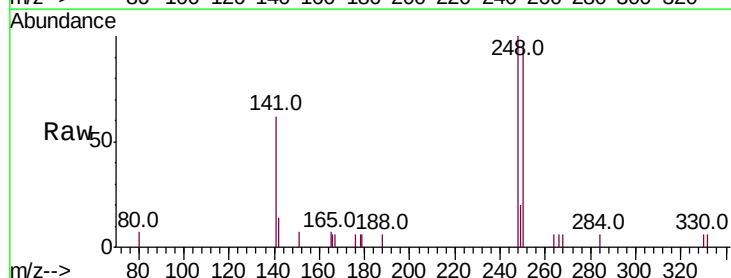
Tgt Ion:248 Resp: 1078

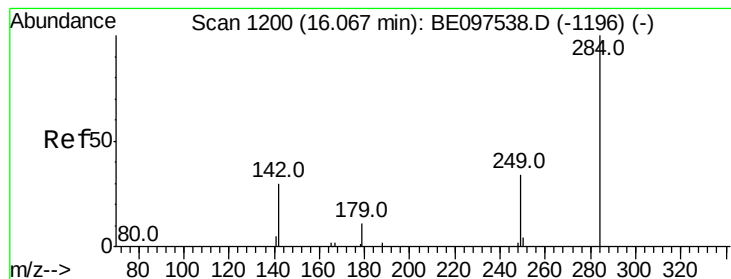
Ion Ratio Lower Upper

248 100

250 95.3 62.7 94.1#

141 62.4 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

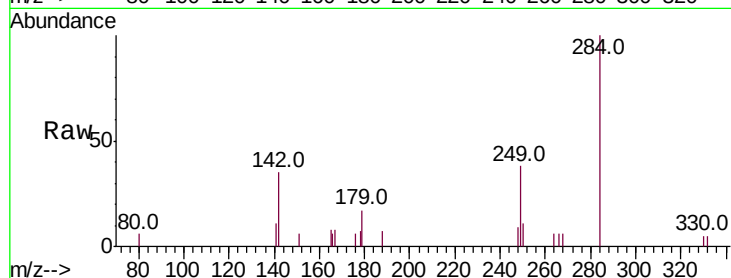
Tot Ion:284 Resp: 1202

Ion Ratio Lower Upper

284 100

142 32.2 22.1 33.1

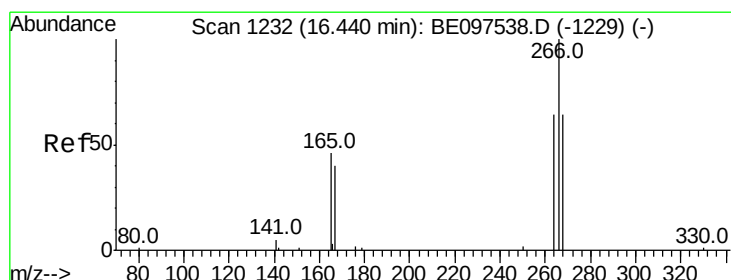
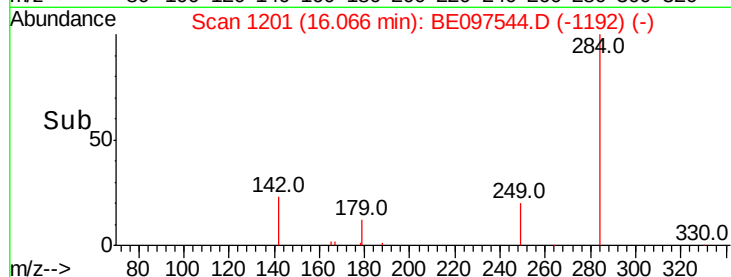
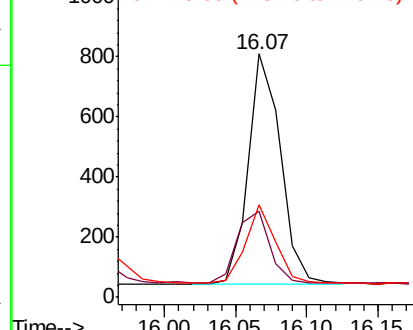
249 31.0 34.8 52.2#



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: 0.405 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

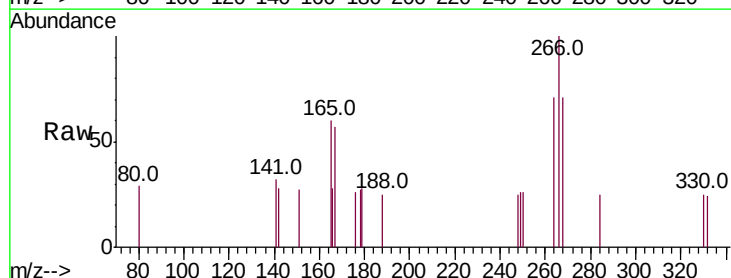
Tgt Ion:266 Resp: 362

Ion Ratio Lower Upper

266 100

264 71.0 72.5 108.7#

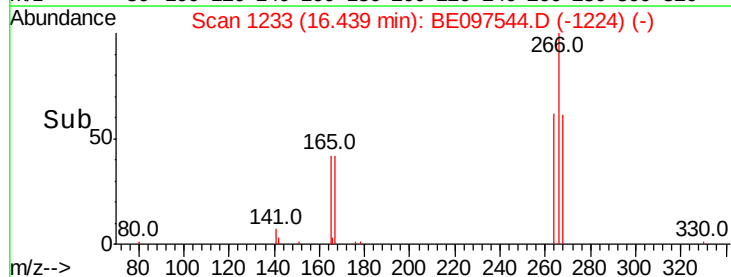
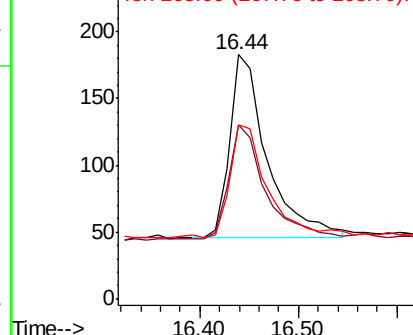
268 71.0 73.8 110.6#

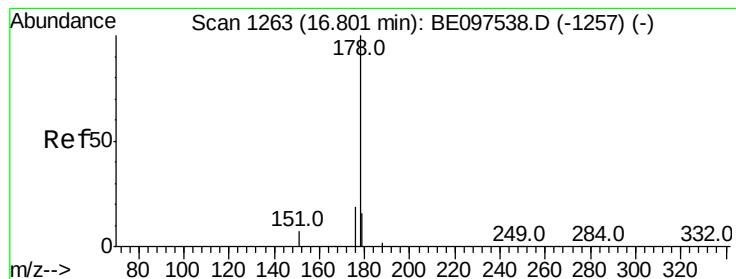


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.406 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

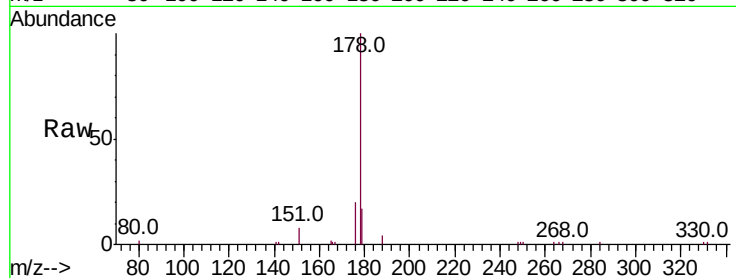
Tot Ion:178 Resp: 5696

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.5 11.8 17.6

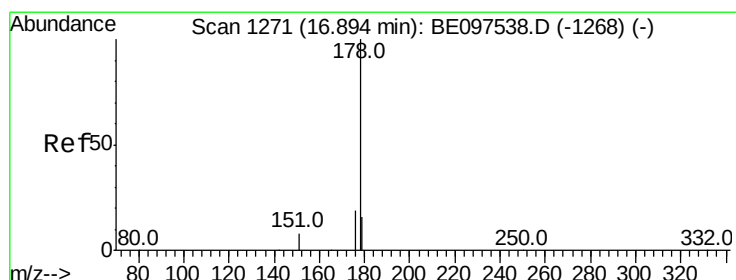
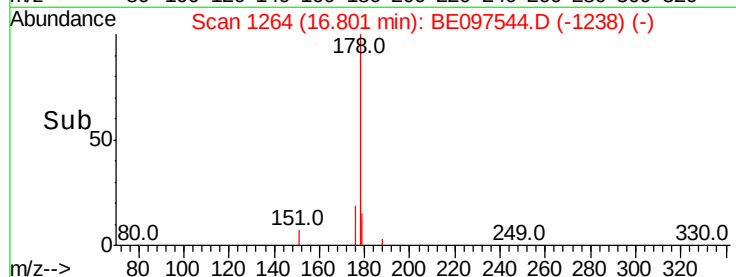
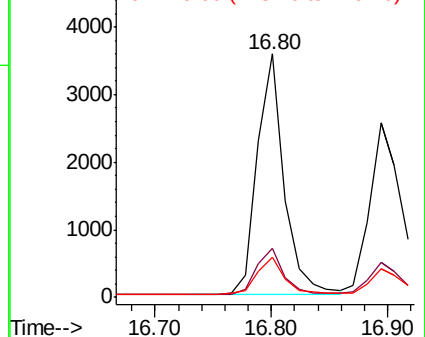


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.382 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

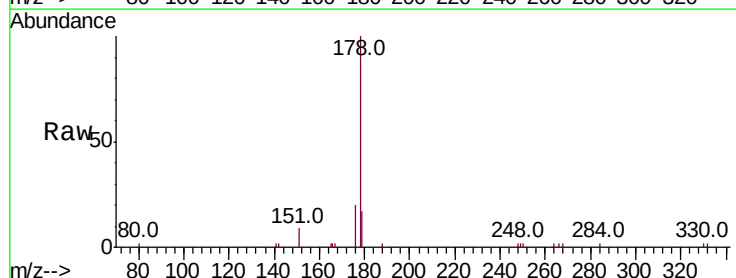
Tgt Ion:178 Resp: 4741

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

179 14.7 13.0 19.6

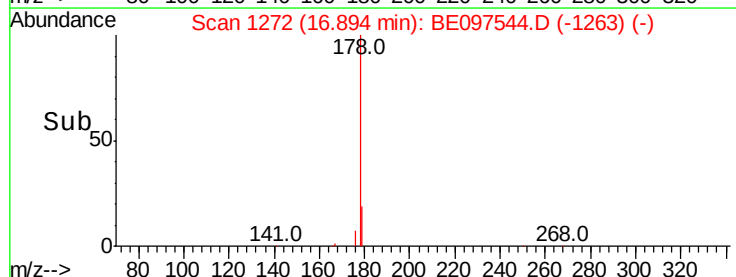
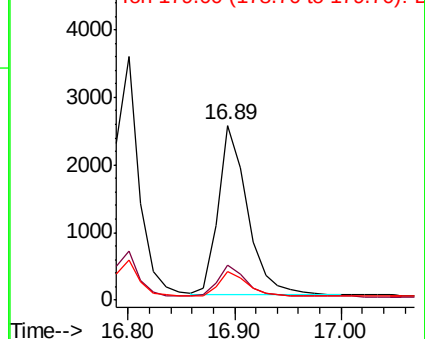


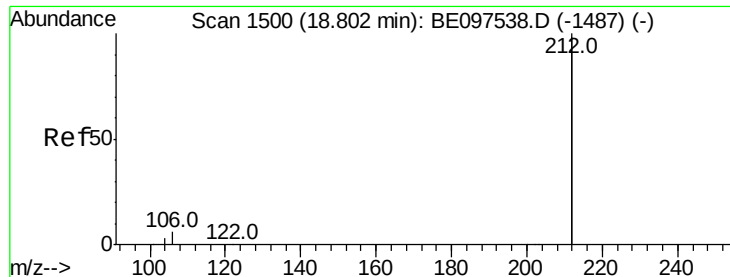
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

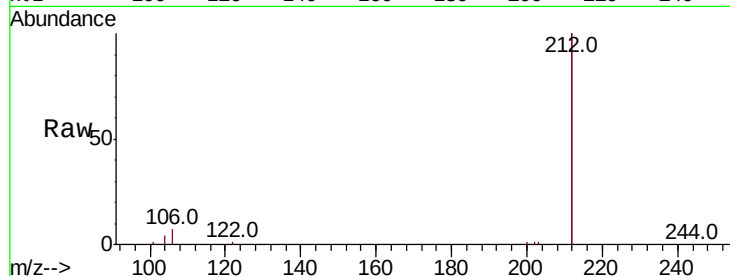
Tot Ion:212 Resp: 30609

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

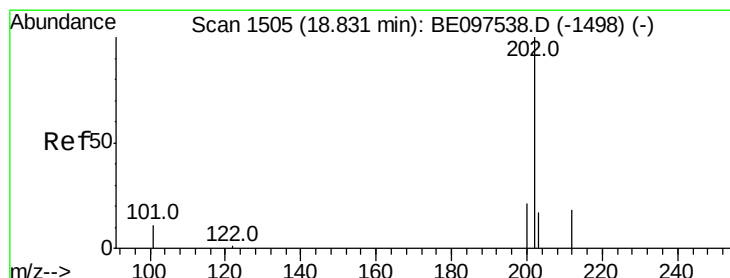
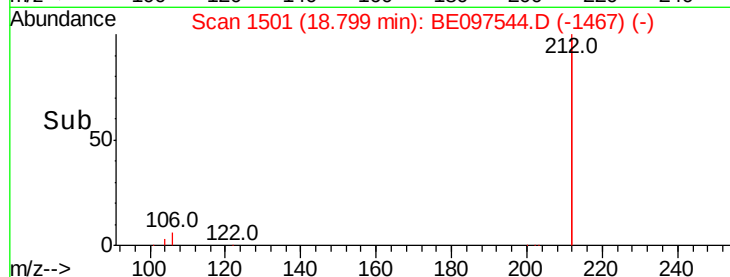
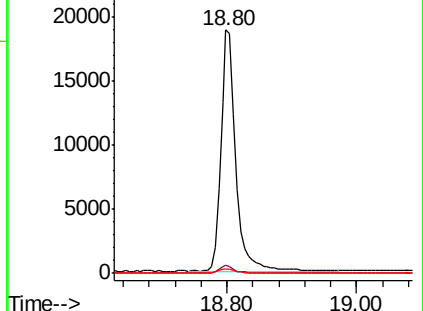
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.408 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

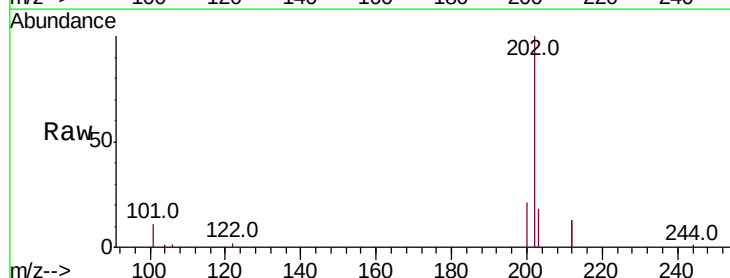
Tgt Ion:202 Resp: 7944

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

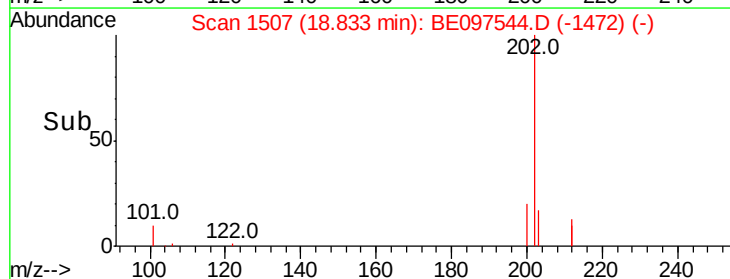
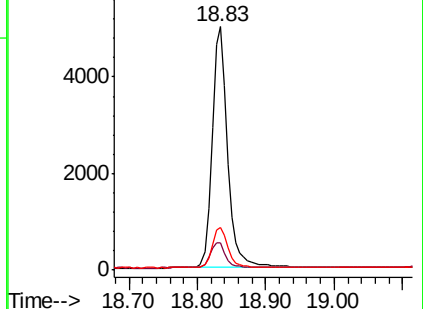
203 16.8 13.7 20.5

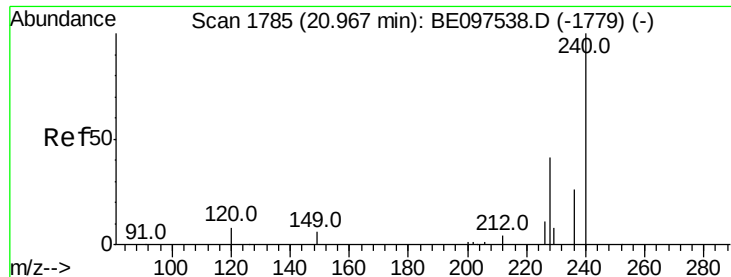


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

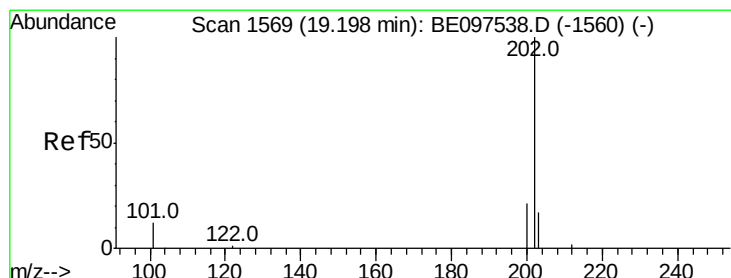
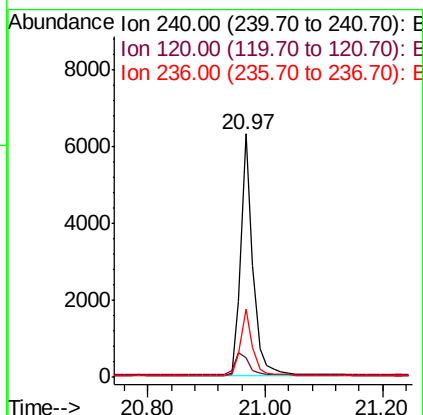
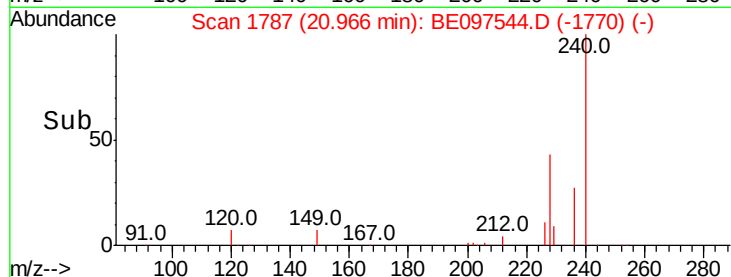
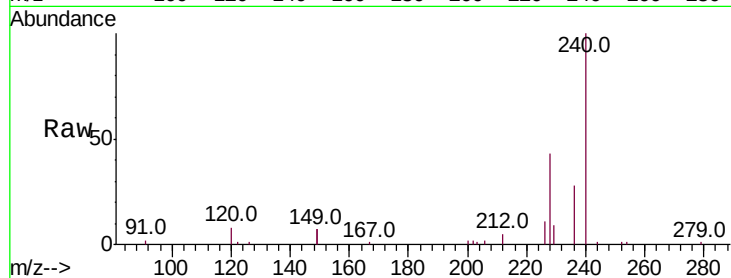
Tot Ion:240 Resp: 9136

Ion Ratio Lower Upper

240 100

120 8.2 5.5 8.3

236 27.8 20.7 31.1



#28

Pyrene

Concen: 0.420 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

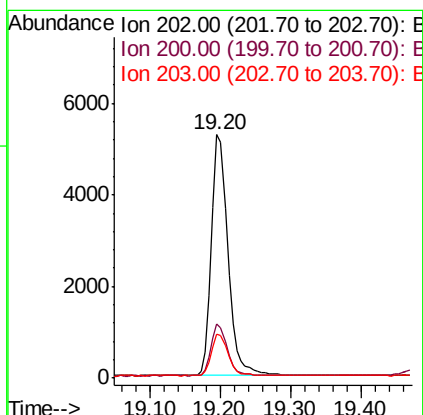
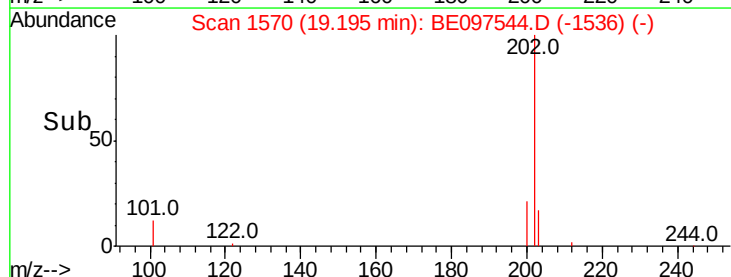
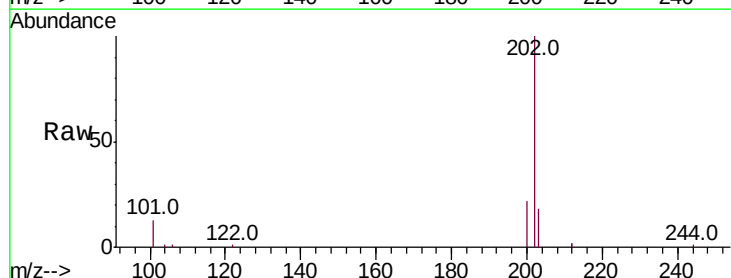
Tgt Ion:202 Resp: 8737

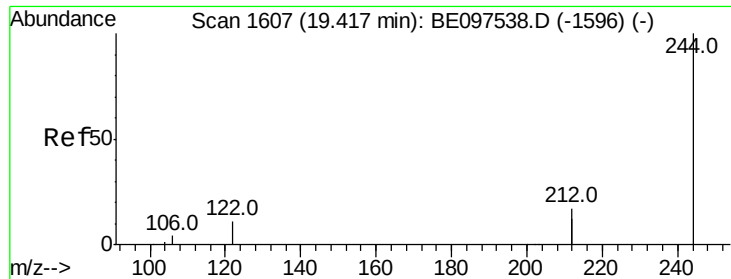
Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

203 17.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

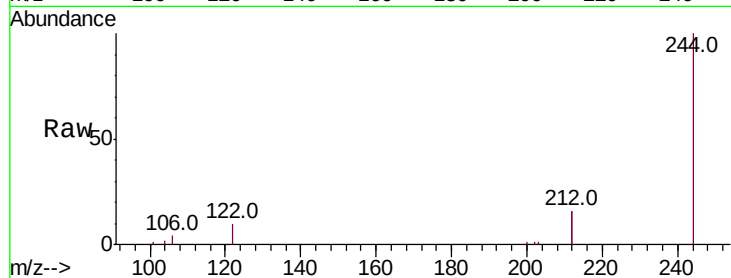
Tot Ion:244 Resp: 6871

Ion Ratio Lower Upper

244 100

212 31.4 25.4 38.0

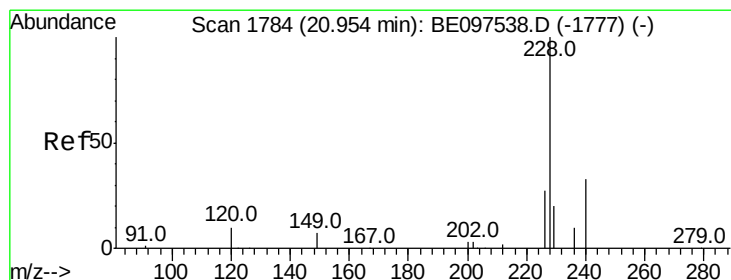
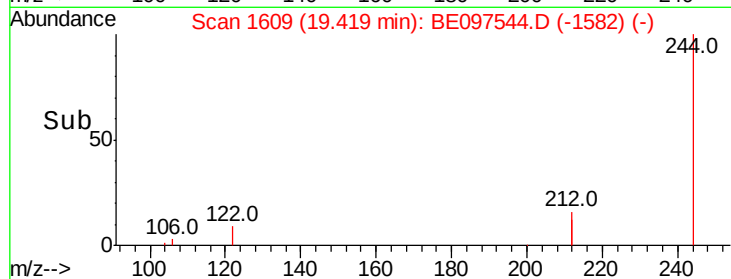
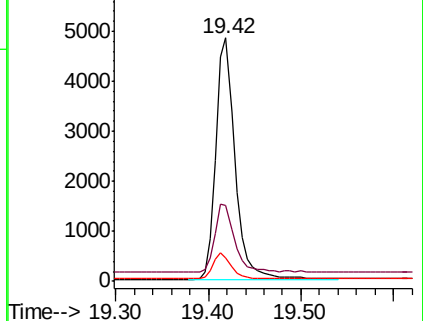
122 9.6 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.395 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

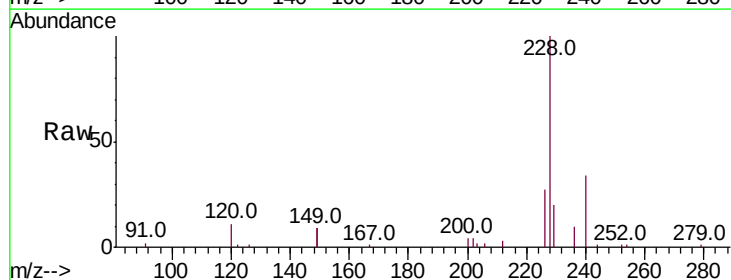
Tgt Ion:228 Resp: 9077

Ion Ratio Lower Upper

228 100

226 27.2 24.0 36.0

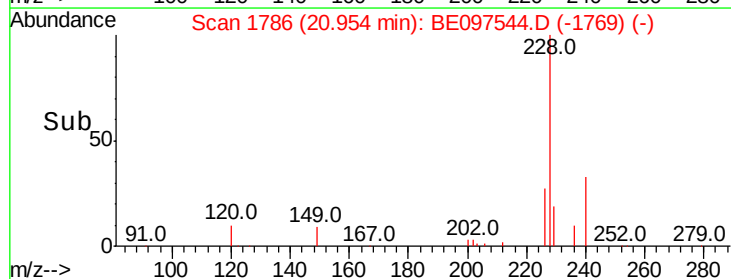
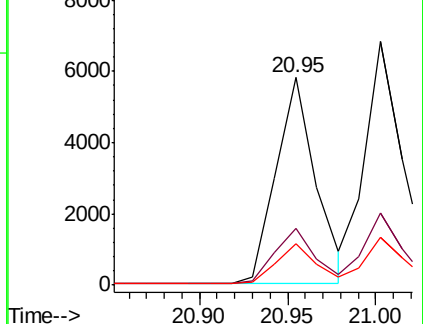
229 20.2 16.0 24.0

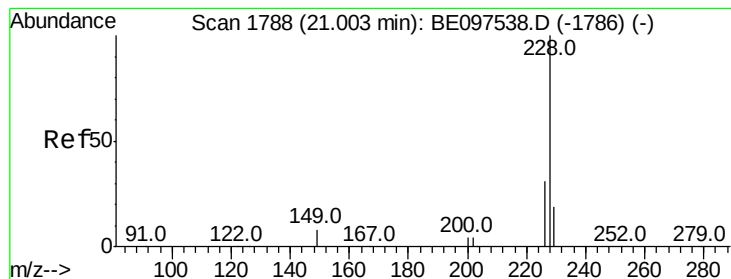


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.413 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

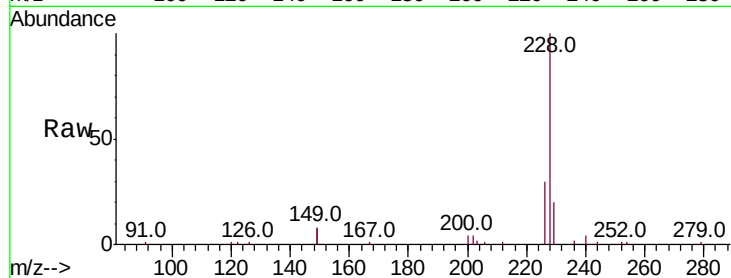
Tot Ion:228 Resp: 10202

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

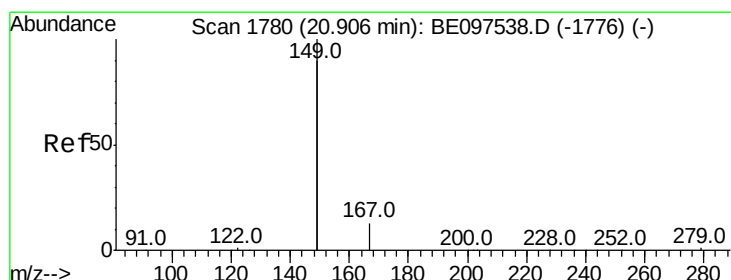
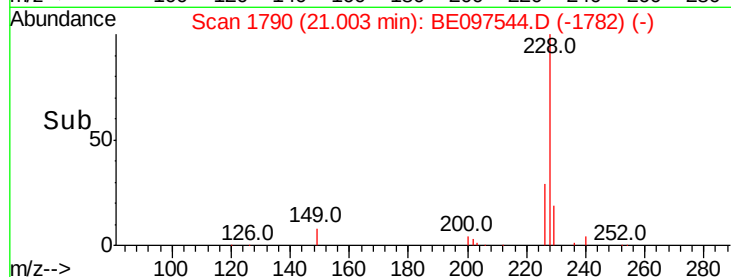
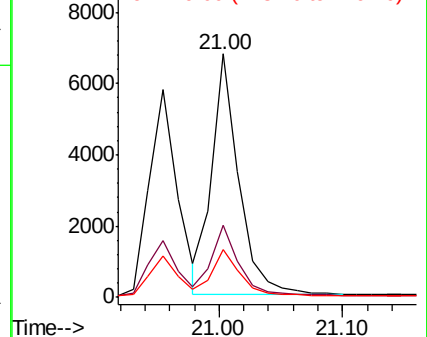
229 19.7 16.0 24.0



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: 0.428 ng

RT: 20.91 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

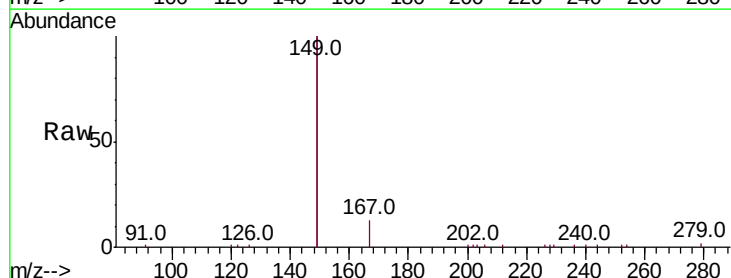
Tgt Ion:149 Resp: 16119

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

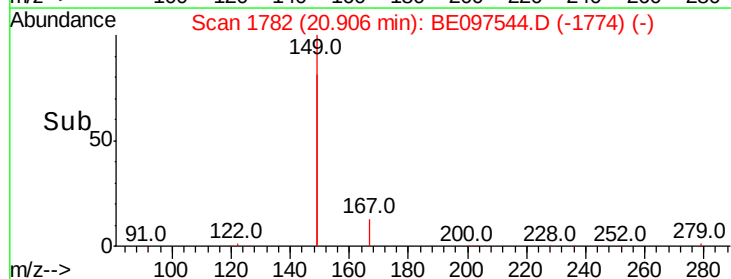
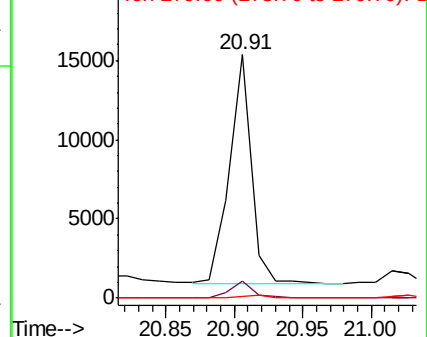
279 1.0 0.7 1.1

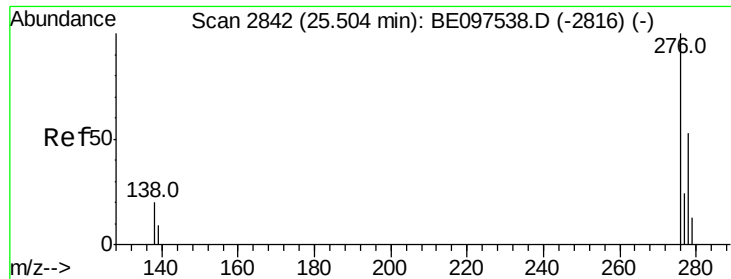


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.415 ng

RT: 25.50 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

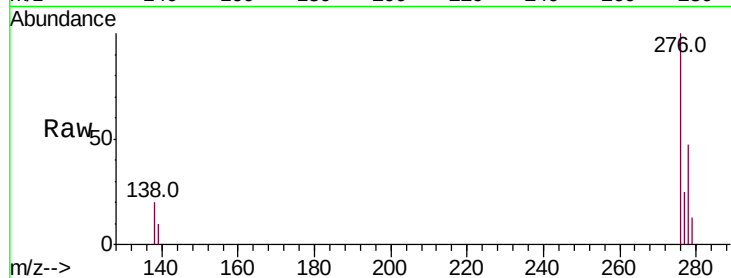
Tot Ion:276 Resp: 12316

Ion Ratio Lower Upper

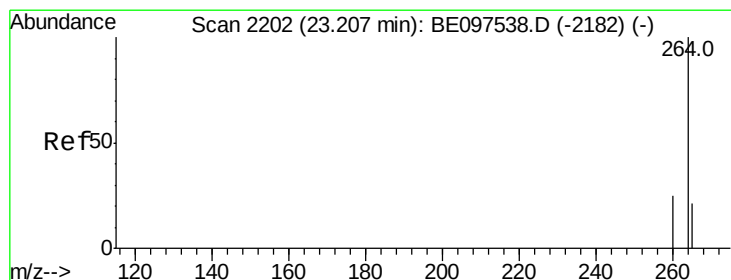
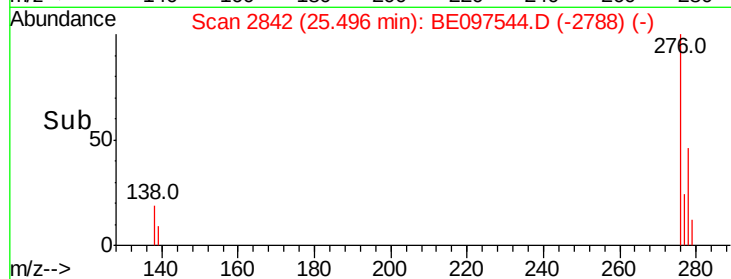
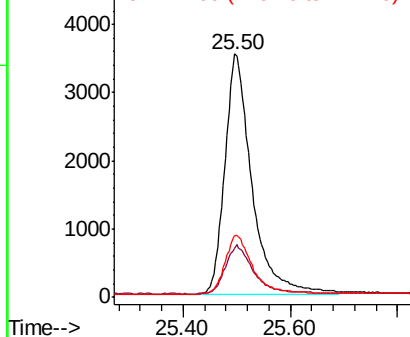
276 100

138 20.8 22.5 33.7#

277 25.0 19.9 29.9



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: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

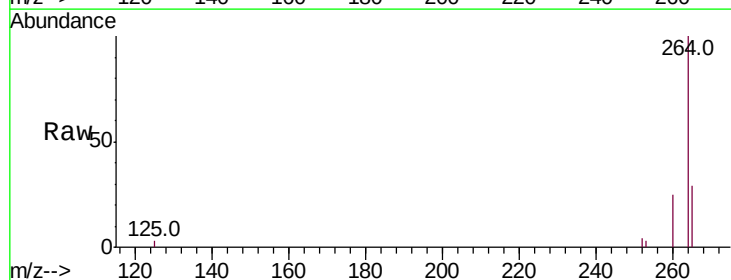
Tgt Ion:264 Resp: 9175

Ion Ratio Lower Upper

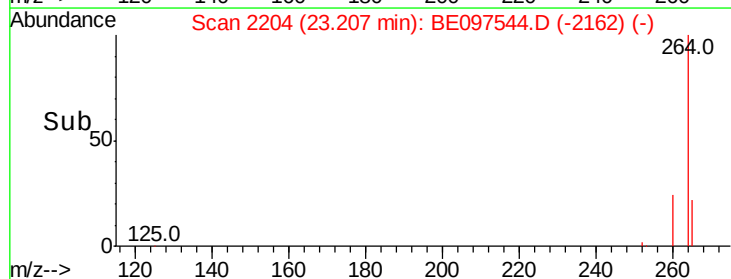
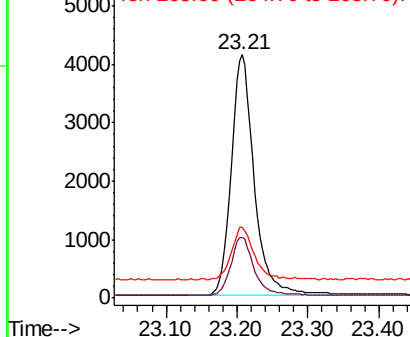
264 100

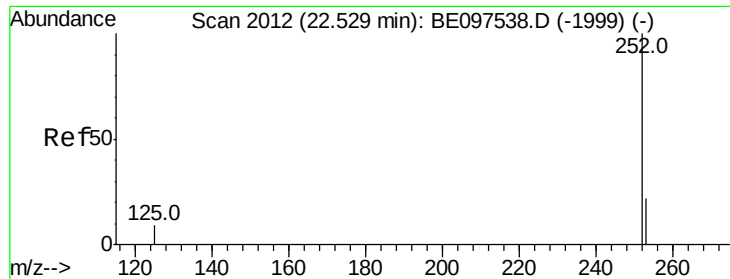
260 25.0 20.5 30.7

265 29.1 22.8 34.2



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

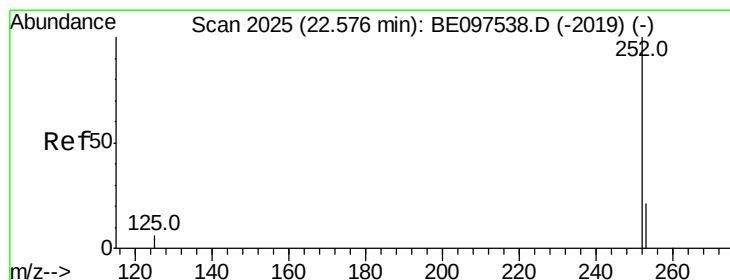
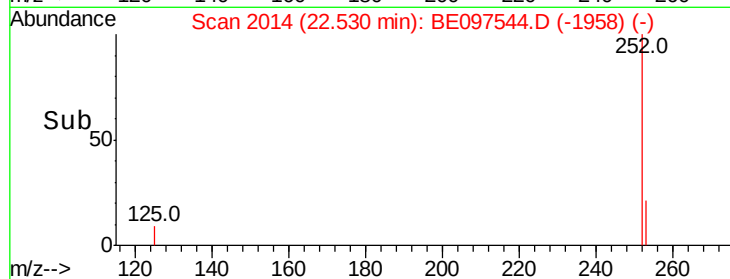
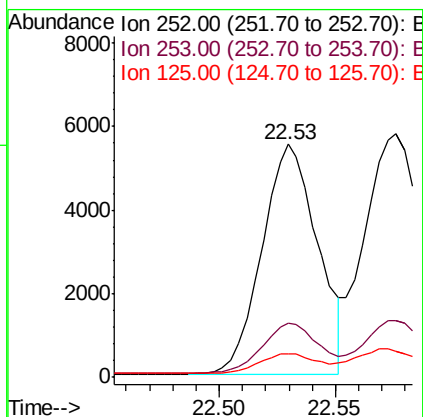
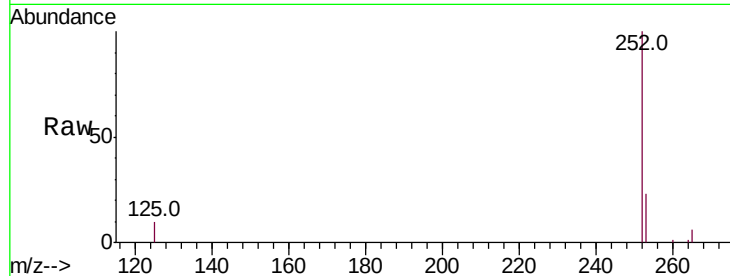




#35
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

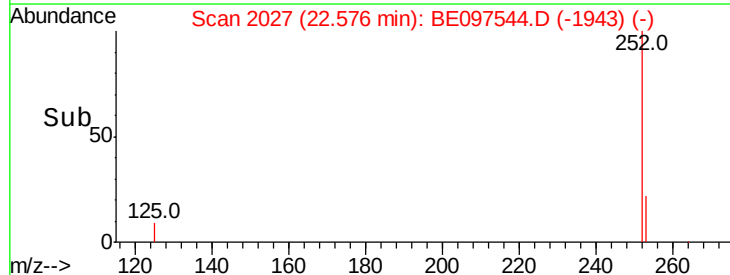
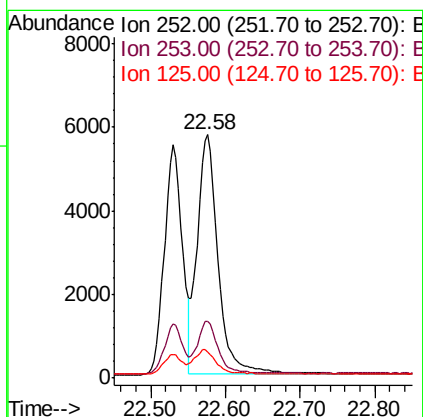
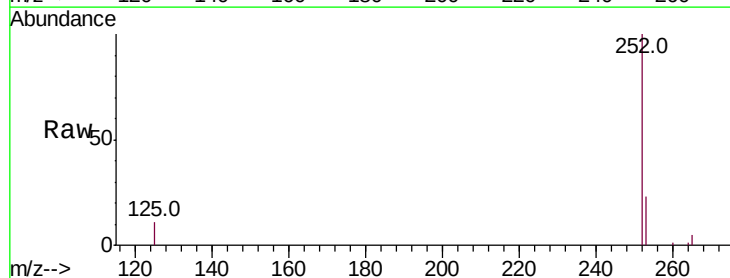
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

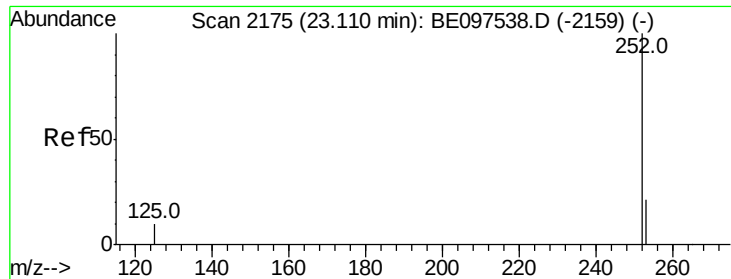
Tot Ion:252 Resp: 9161
Ion Ratio Lower Upper
252 100
253 23.2 20.0 30.0
125 10.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:252 Resp: 11248
Ion Ratio Lower Upper
252 100
253 23.4 16.0 24.0
125 10.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.407 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

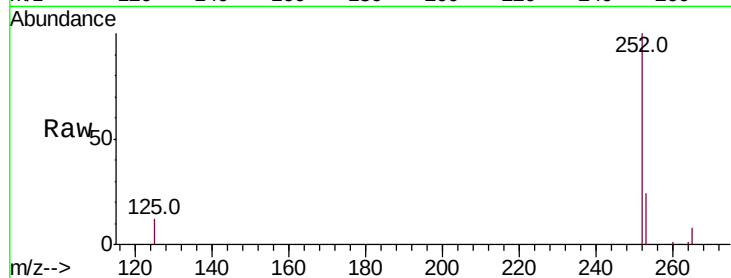
Tot Ion:252 Resp: 9282

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

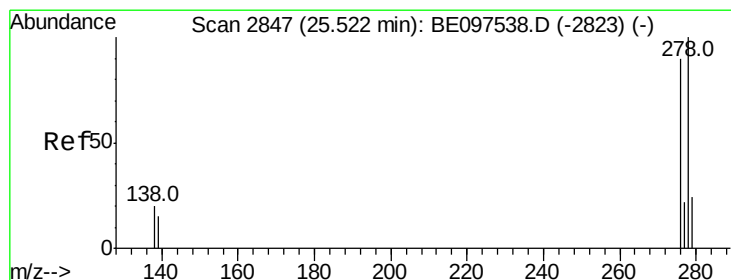
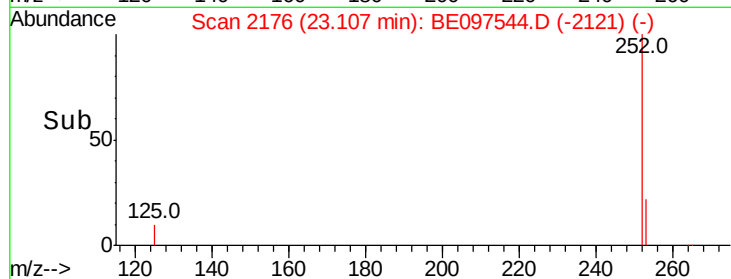
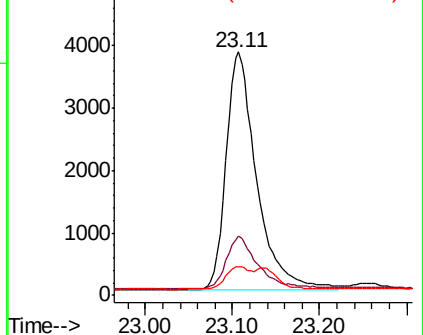
125 12.0 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.413 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

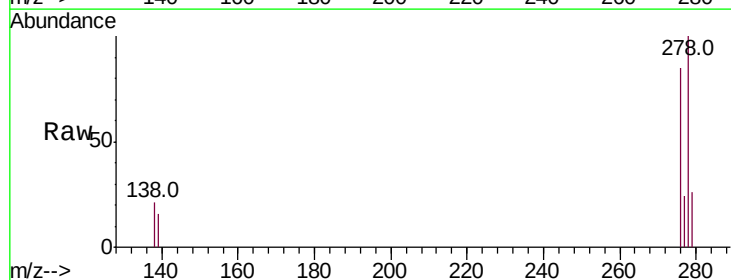
Tgt Ion:278 Resp: 10196

Ion Ratio Lower Upper

278 100

139 15.5 16.0 24.0#

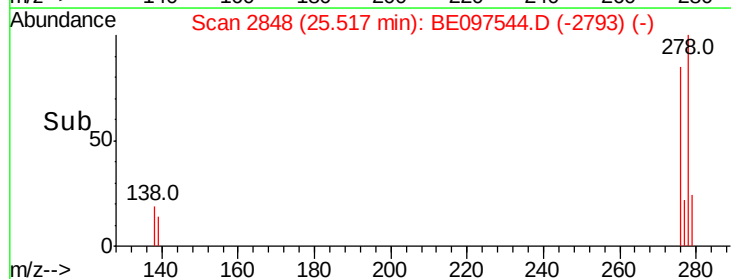
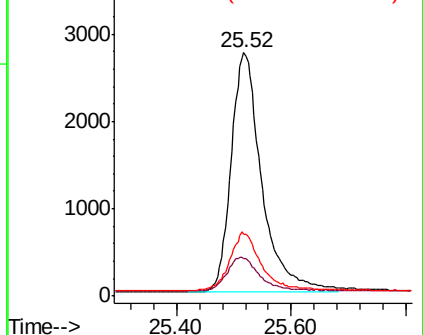
279 25.5 20.0 30.0

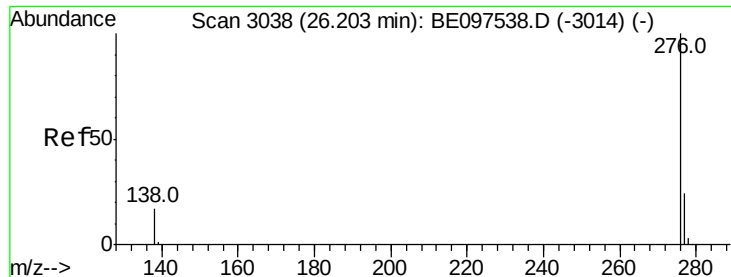


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.417 ng

RT: 26.20 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BE097544.D

Acq: 19 Sep 2018 17:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

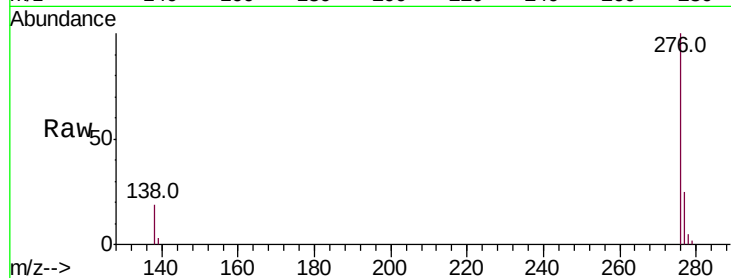
Tot Ion:276 Resp: 9991

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 19.4 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

