

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097588.D
 Acq On : 20 Sep 2018 23:59
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 21 01:10:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	721	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3593	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2669	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8123	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9034	0.40	ng	0.00
34) Perylene-d12	23.20	264	9030	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	804	0.37	ng	0.00
5) Phenol-d6	6.61	99	1032	0.37	ng	0.00
8) Nitrobenzene-d5	8.53	82	1001	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2172	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	459	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3392	0.36	ng	0.00
25) Fluoranthene-d10	18.80	212	34304	0.33	ng	0.00
29) Terphenyl-d14	19.42	244	6977	0.42	ng	0.00

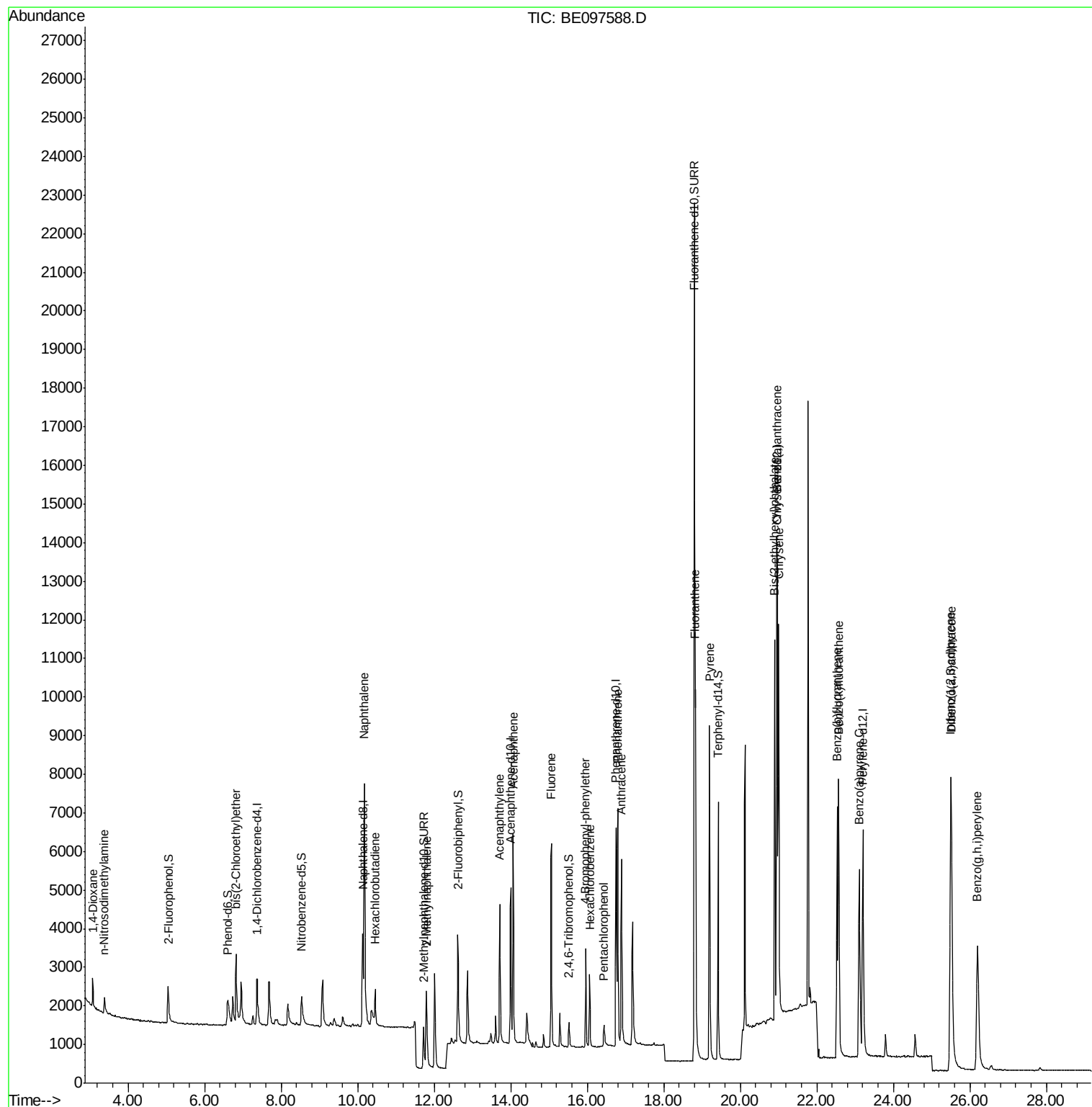
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	509	0.415	ng	# 85
3) n-Nitrosodimethylamine	3.37	42	357	0.343	ng	# 90
6) bis(2-Chloroethyl)ether	6.83	93	934	0.365	ng	82
9) Naphthalene	10.17	128	13085	0.404	ng	99
10) Hexachlorobutadiene	10.46	225	593	0.398	ng	100
12) 2-Methylnaphthalene	11.79	142	2197	0.435	ng	99
16) Acenaphthylene	13.71	152	4192	0.397	ng	100
17) Acenaphthene	14.06	154	2765	0.391	ng	96
18) Fluorene	15.06	166	3747	0.406	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1422	0.388	ng	# 89
21) Hexachlorobenzene	16.07	284	1592	0.395	ng	# 86
22) Pentachlorophenol	16.44	266	440	0.373	ng	# 82
23) Phenanthrene	16.80	178	7416	0.385	ng	99
24) Anthracene	16.89	178	6259	0.367	ng	96
26) Fluoranthene	18.83	202	8942	0.334	ng	98
28) Pyrene	19.19	202	9195	0.447	ng	99
30) Benzo(a)anthracene	20.96	228	8702	0.383	ng	97
31) Chrysene	21.00	228	9560	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	13057	0.352	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.50	276	11566	0.394	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	8672	0.375	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	10312	0.390	ng	93
37) Benzo(a)pyrene	23.11	252	8709	0.389	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	9596	0.395	ng	# 94
39) Benzo(g,h,i)perylene	26.20	276	9183	0.389	ng	# 88

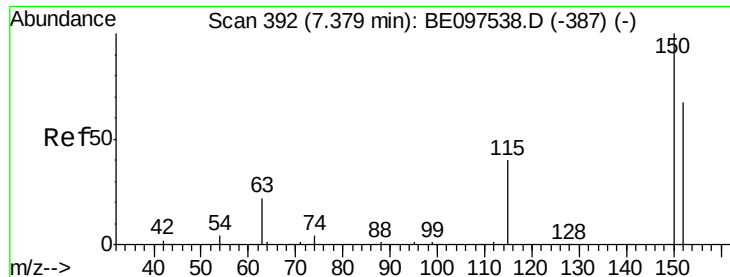
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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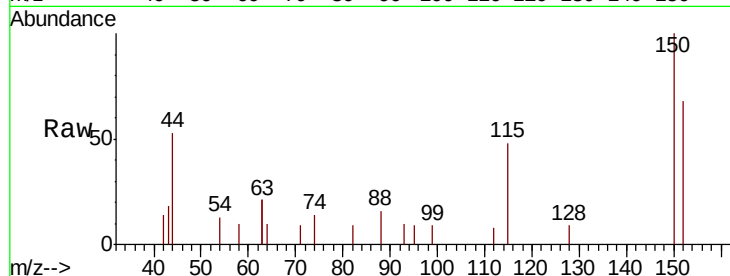


#1

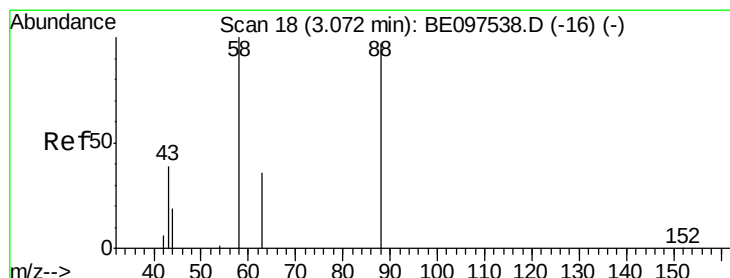
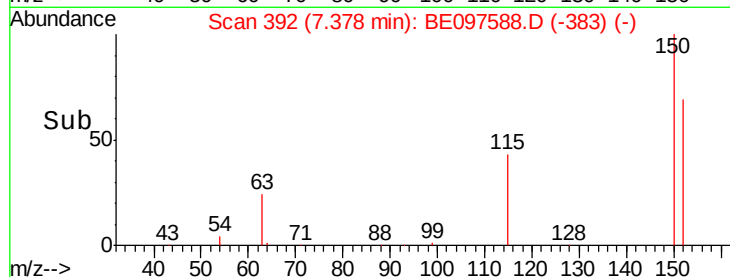
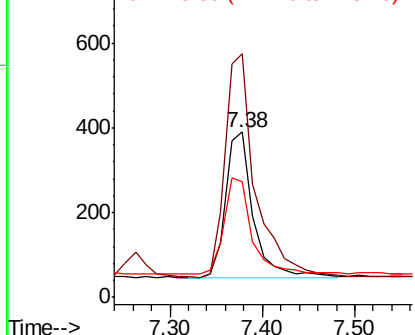
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097588.D
Acq: 20 Sep 2018 23:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 721
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 70.0 57.0 85.6



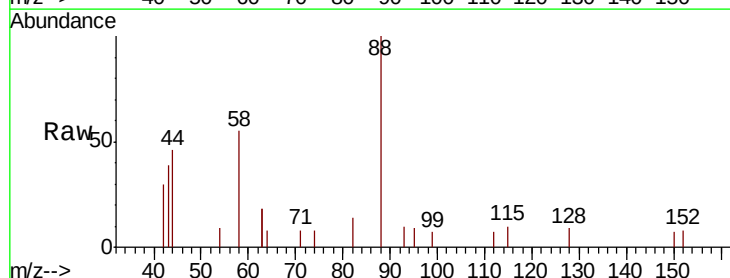
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



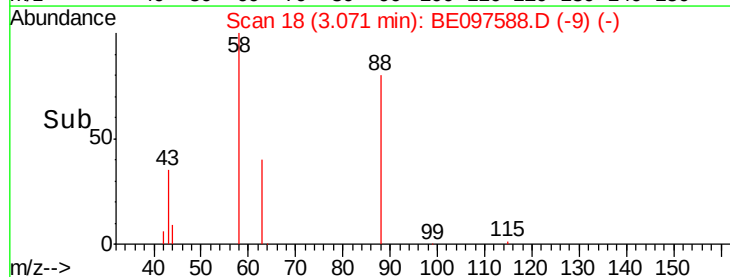
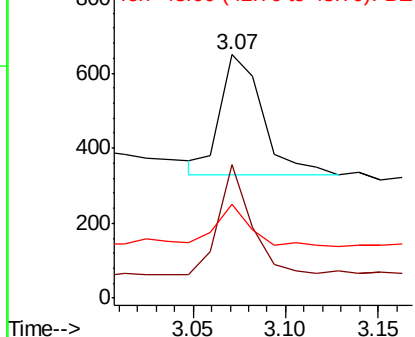
#2

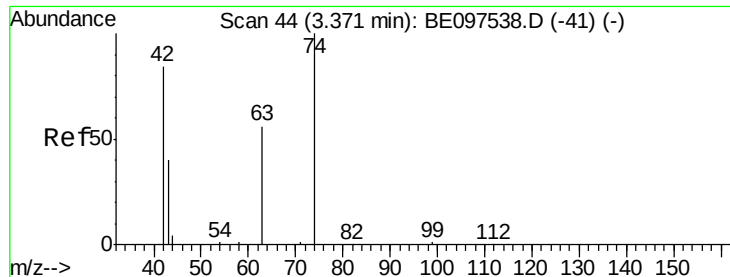
1,4-Dioxane
Concen: 0.415 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097588.D
Acq: 20 Sep 2018 23:59

Tgt Ion: 88 Resp: 509
Ion Ratio Lower Upper
88 100
58 70.9 63.2 94.8
43 35.2 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: 0.343 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

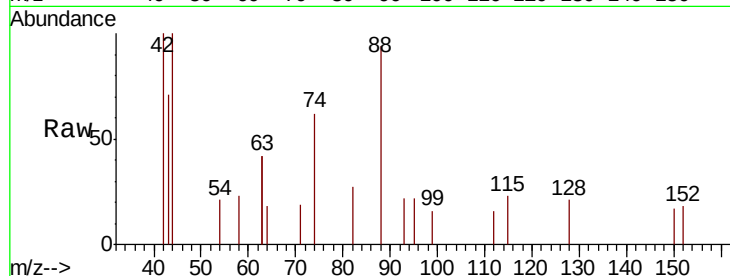
Tgt Ion: 42 Resp: 357

Ion Ratio Lower Upper

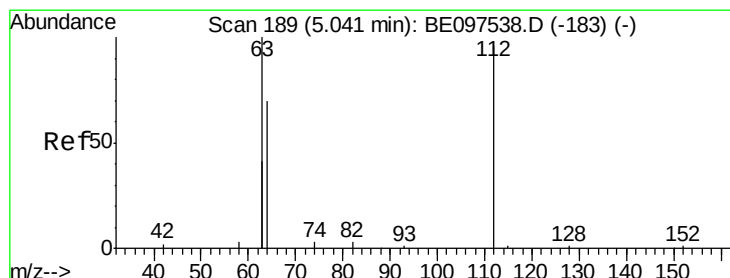
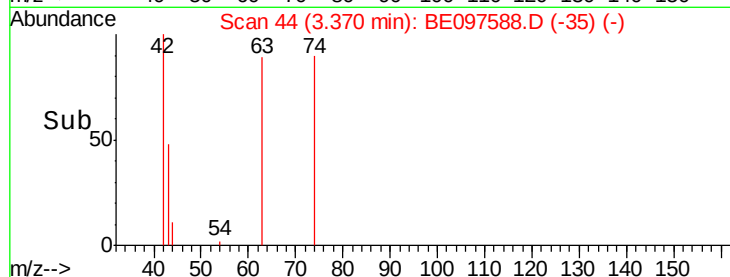
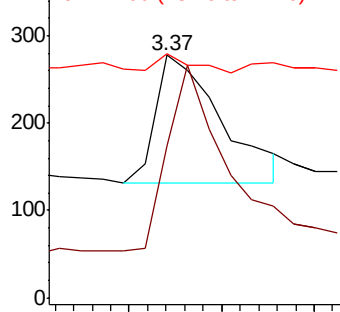
42 100

74 129.4 96.0 144.0

44 7.3 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



#4

2-Fluorophenol

Concen: 0.372 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

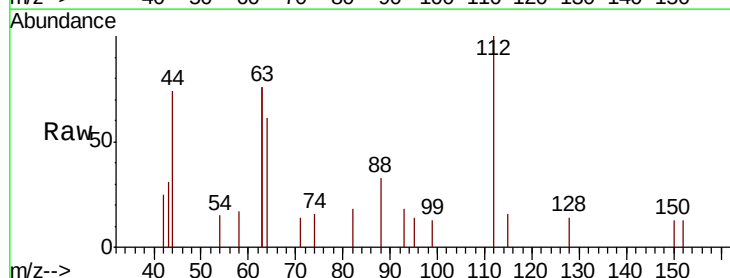
Tgt Ion: 112 Resp: 804

Ion Ratio Lower Upper

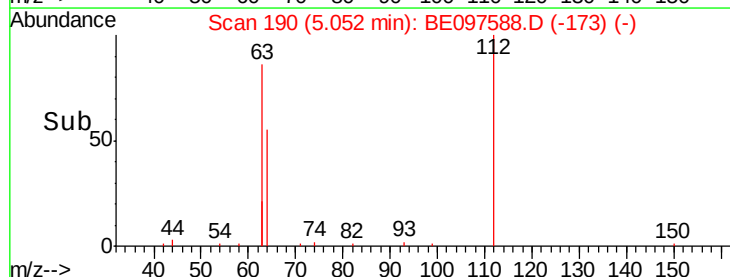
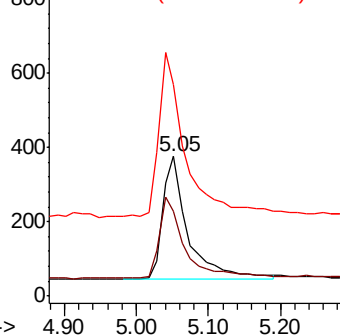
112 100

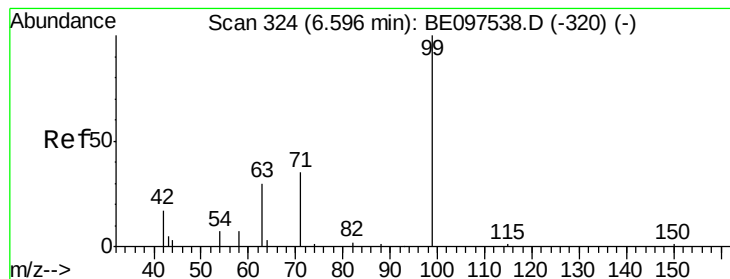
64 67.4 60.1 90.1

63 142.5 116.8 175.2



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





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

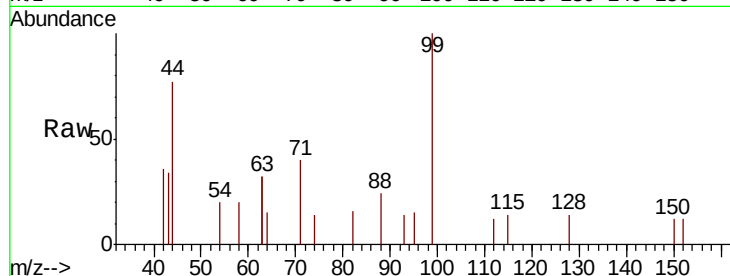
Tgt Ion: 99 Resp: 1032

Ion Ratio Lower Upper

99 100

42 22.2 20.2 30.2

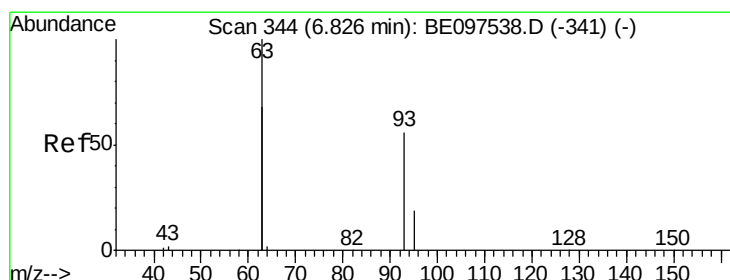
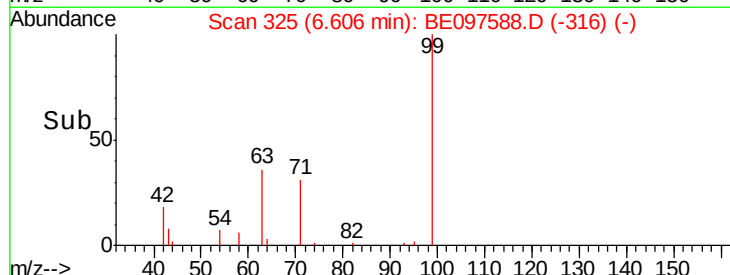
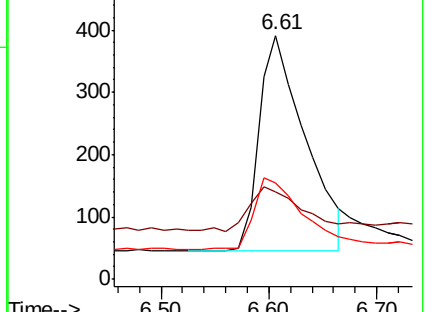
71 35.1 28.4 42.6



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: 0.365 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

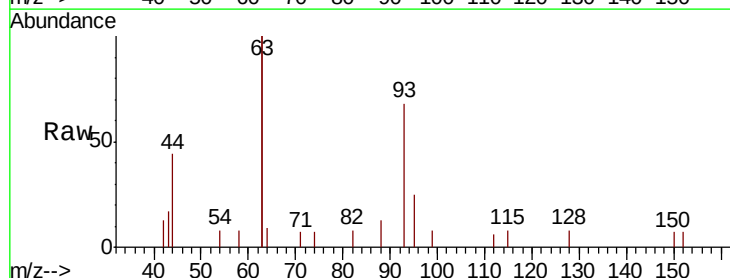
Tgt Ion: 93 Resp: 934

Ion Ratio Lower Upper

93 100

63 302.9 275.3 412.9

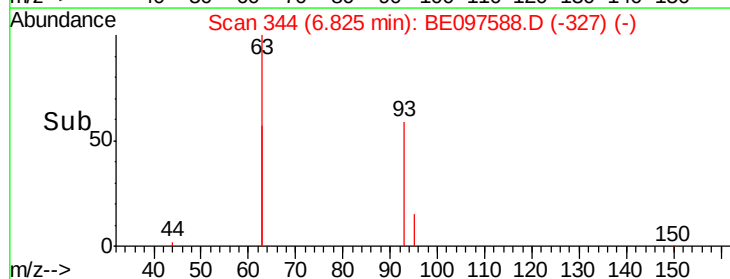
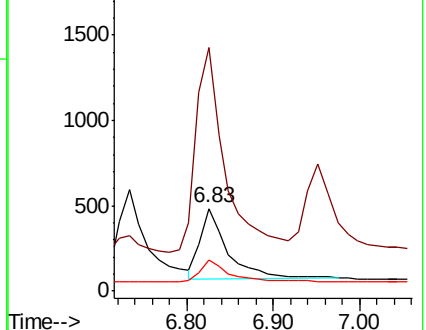
95 33.6 25.2 37.8

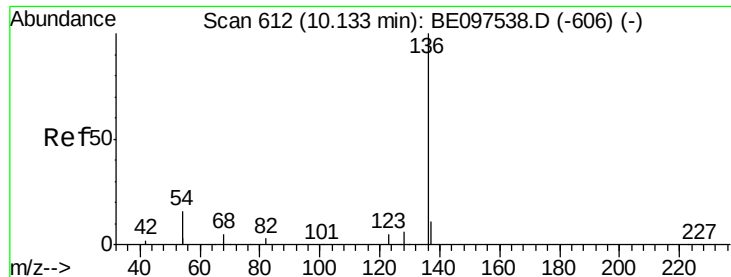


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3593

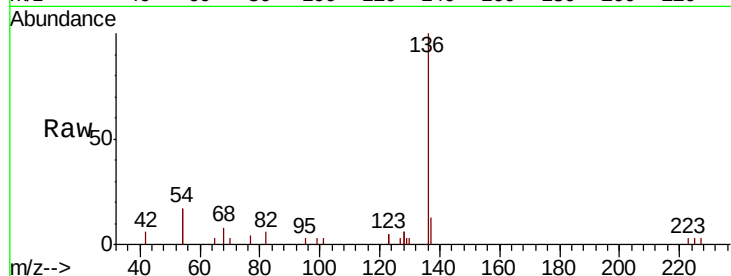
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 34.4 29.1 43.7

68 7.7 6.2 9.2

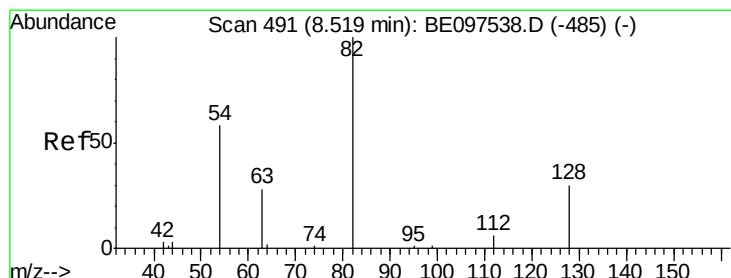
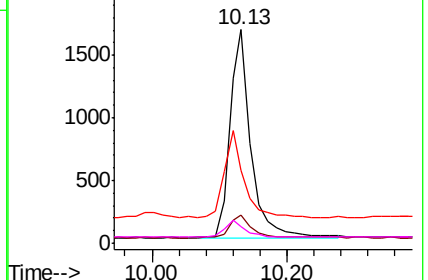
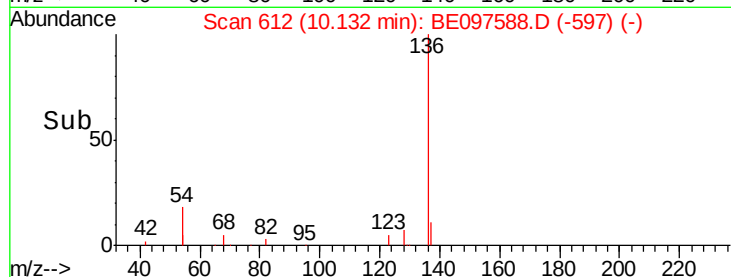


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.361 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

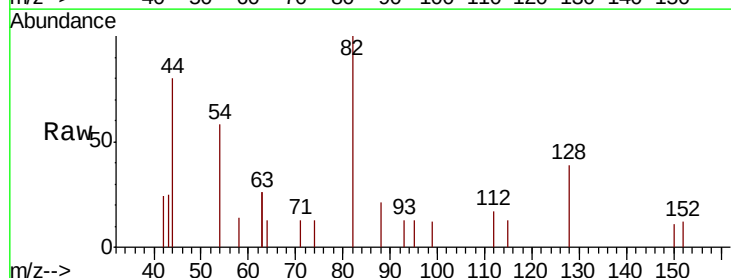
Tgt Ion: 82 Resp: 1001

Ion Ratio Lower Upper

82 100

128 39.2 24.0 36.0#

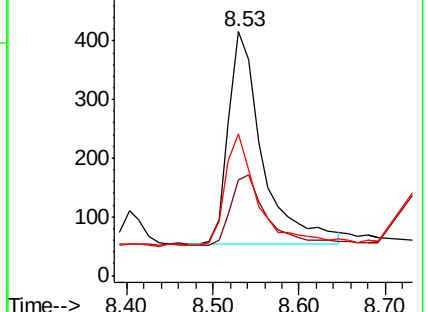
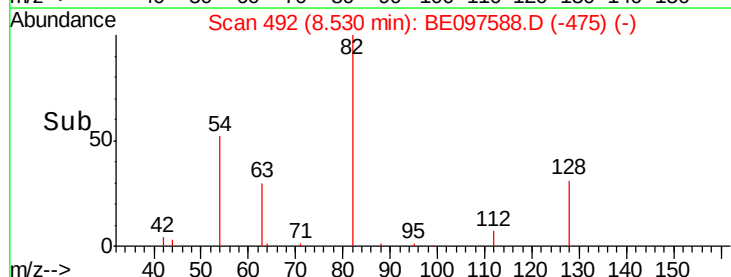
54 57.9 40.0 60.0

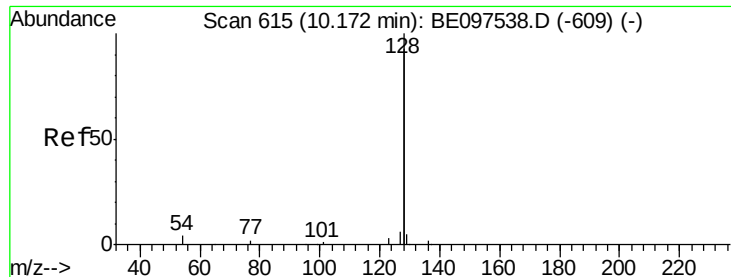


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.404 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097588.D

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Instrument :

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ClientSampleId :

SSTDCCC0.4EC

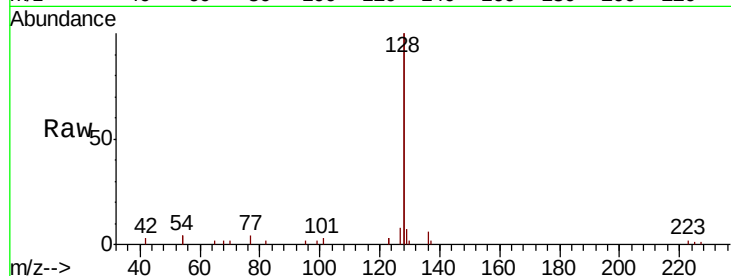
Tgt Ion:128 Resp: 13085

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

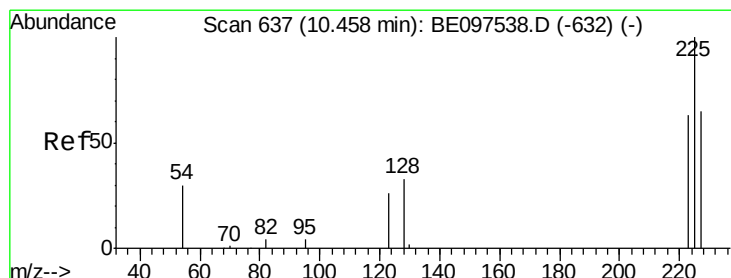
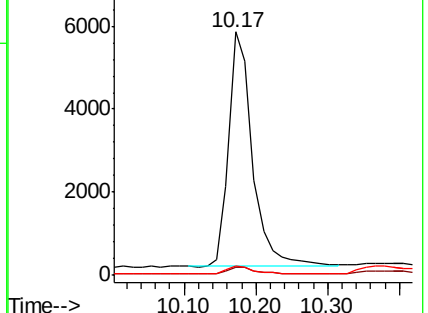
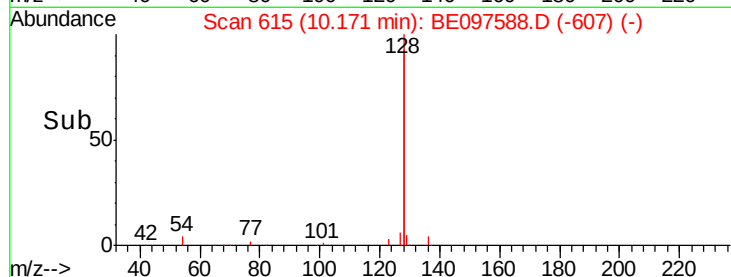
127 4.0 2.8 4.2



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: 0.398 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

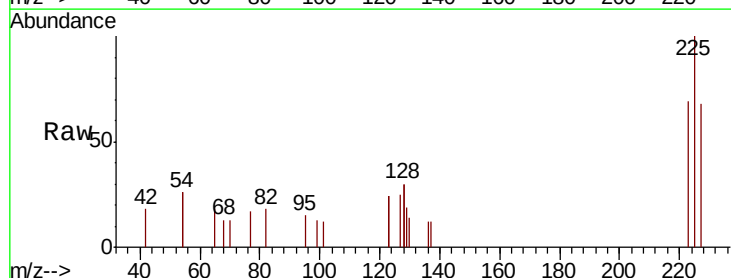
Tgt Ion:225 Resp: 593

Ion Ratio Lower Upper

225 100

223 65.9 53.0 79.6

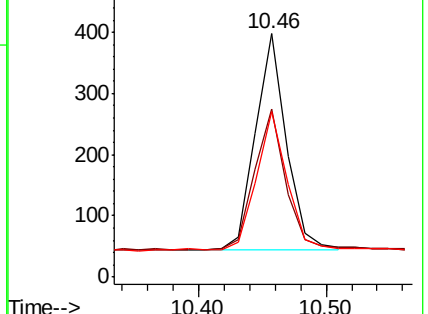
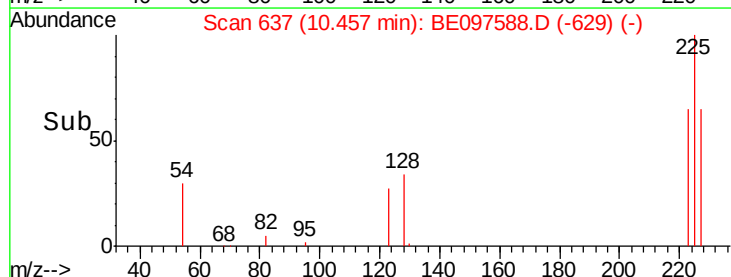
227 64.1 51.4 77.2

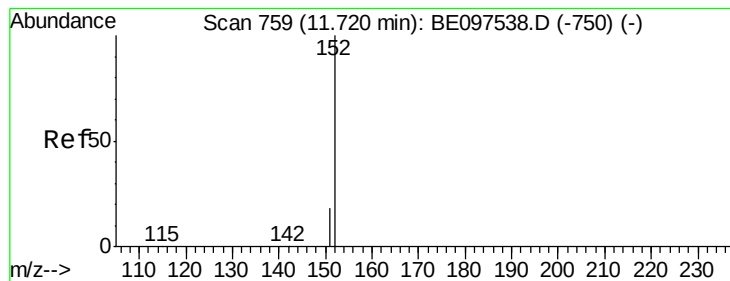


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

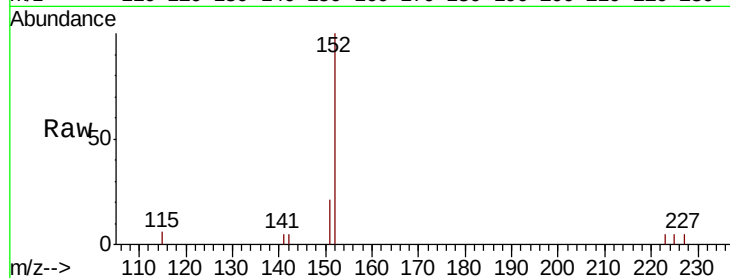
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2172

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

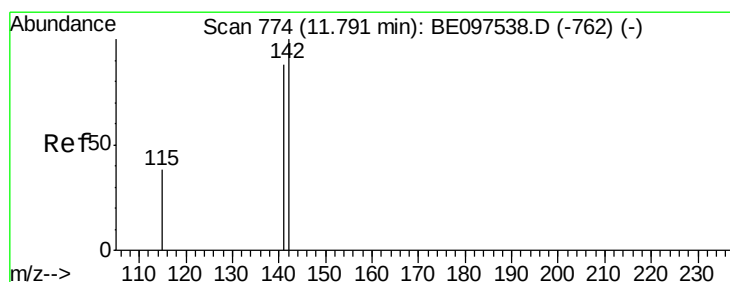
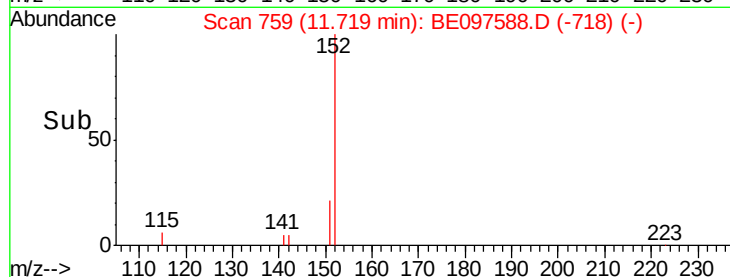
400

200

0

11.60 11.70 11.80 11.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.435 ng

RT: 11.79 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

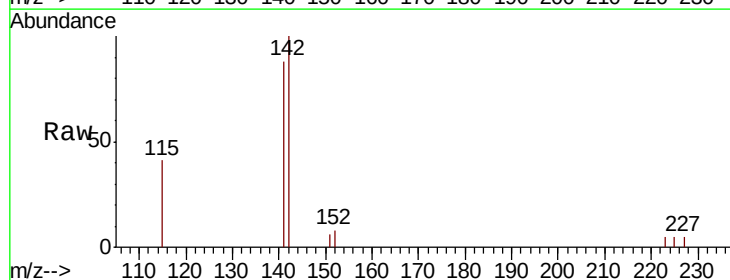
Tgt Ion:142 Resp: 2197

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 40.8 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

11.79

1200

1000

800

600

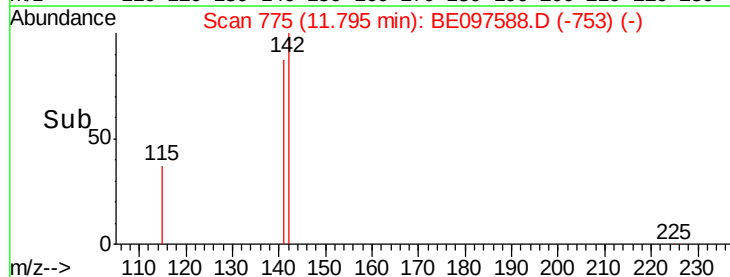
400

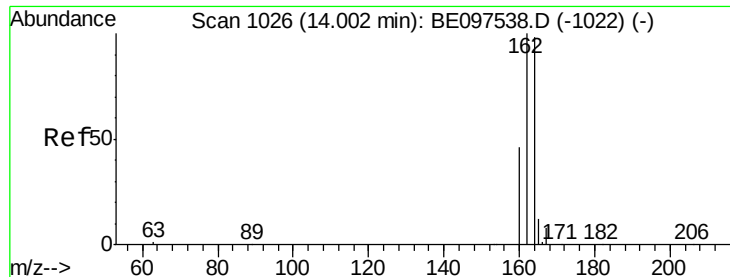
200

0

11.70 11.80 11.90

Time-->

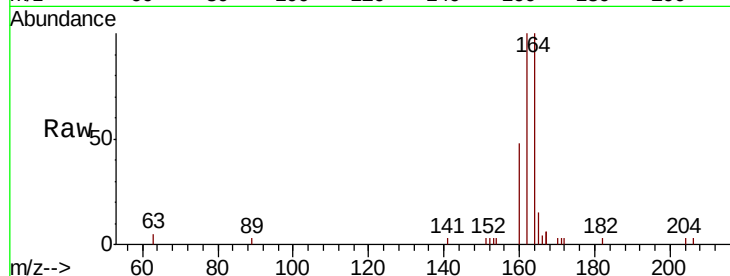




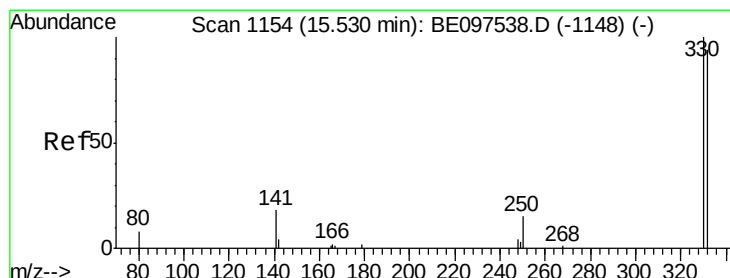
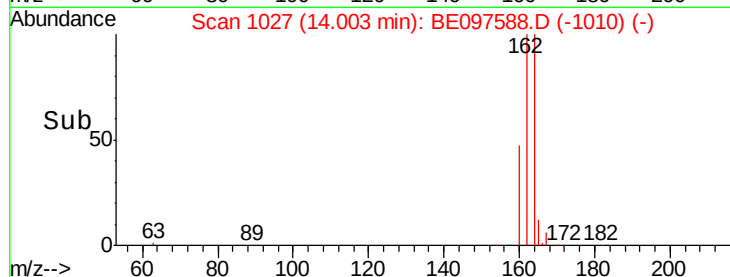
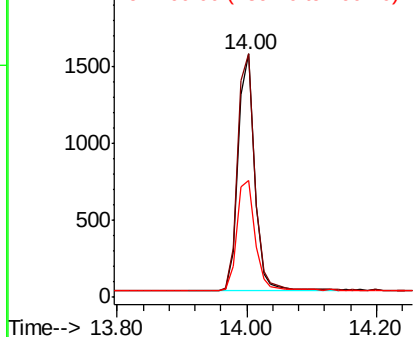
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097588.D
 Acq: 20 Sep 2018 23:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tgt Ion:164 Resp: 2669
 Ion Ratio Lower Upper
 164 100
 162 100.0 83.1 124.7
 160 48.2 37.1 55.7

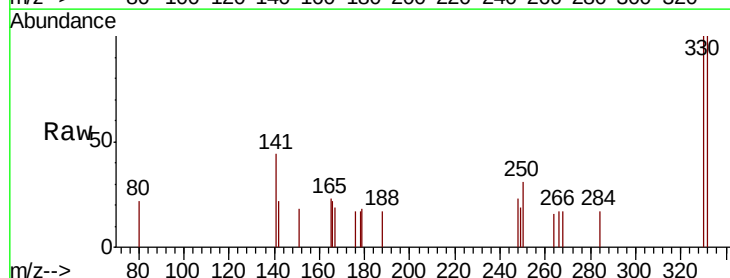


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

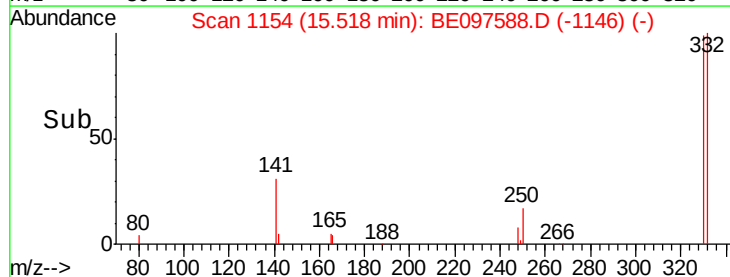
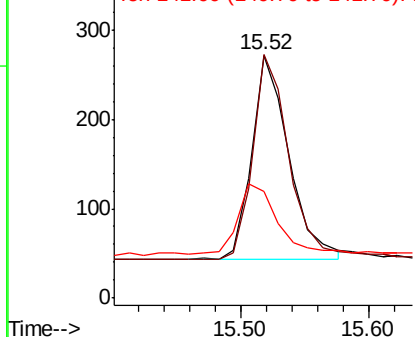


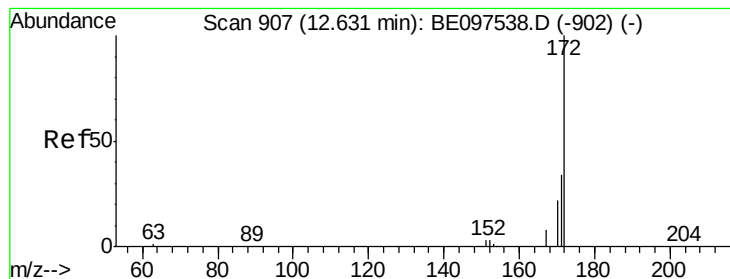
#14
 2,4,6-Tribromophenol
 Concen: 0.445 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097588.D
 Acq: 20 Sep 2018 23:59

Tgt Ion:330 Resp: 459
 Ion Ratio Lower Upper
 330 100
 332 98.9 152.7 229.1#
 141 35.9 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: 0.360 ng

RT: 12.62 min Scan# 907

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

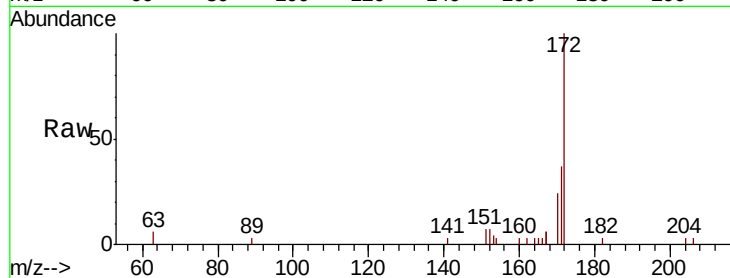
Tgt Ion:172 Resp: 3392

Ion Ratio Lower Upper

172 100

171 37.4 29.9 44.9

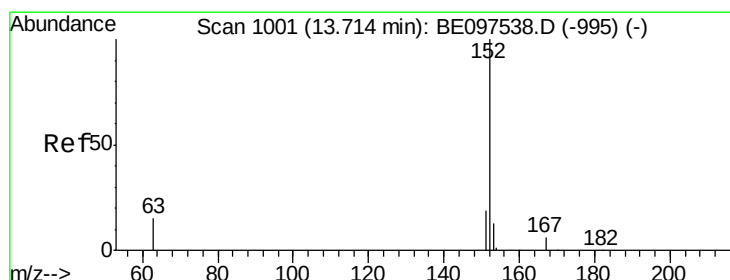
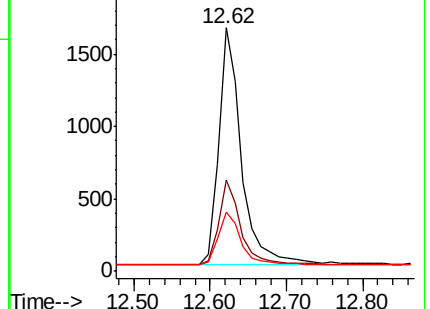
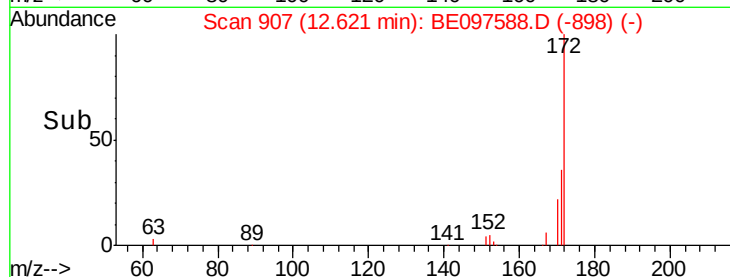
170 24.2 21.8 32.8



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: 0.397 ng

RT: 13.71 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

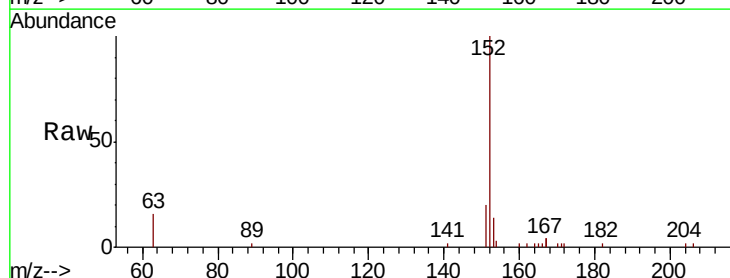
Tgt Ion:152 Resp: 4192

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

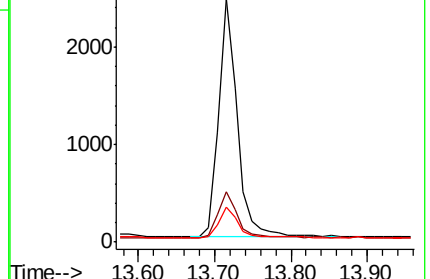
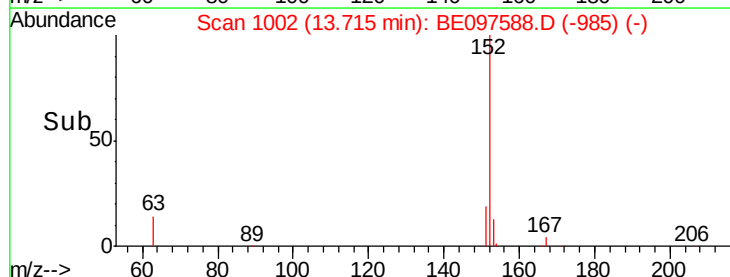
153 12.9 10.5 15.7

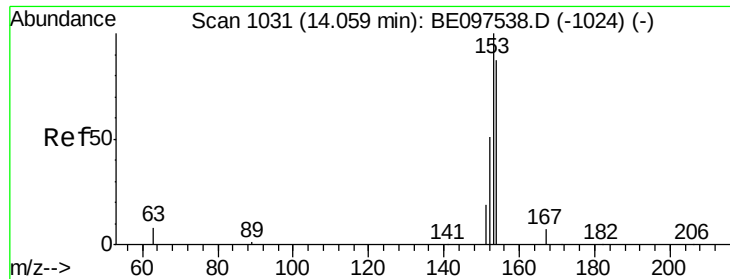


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.06 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

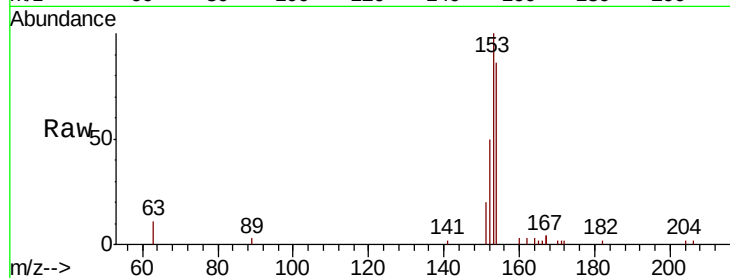
Tgt Ion:154 Resp: 2765

Ion Ratio Lower Upper

154 100

153 114.9 89.2 133.8

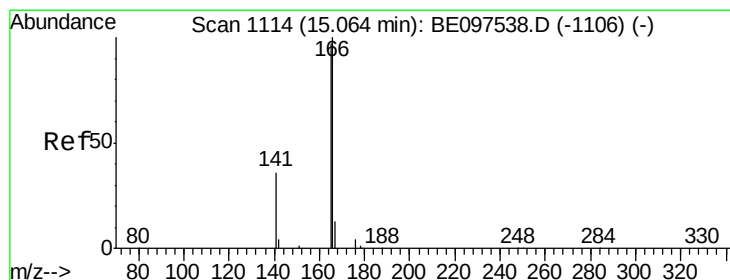
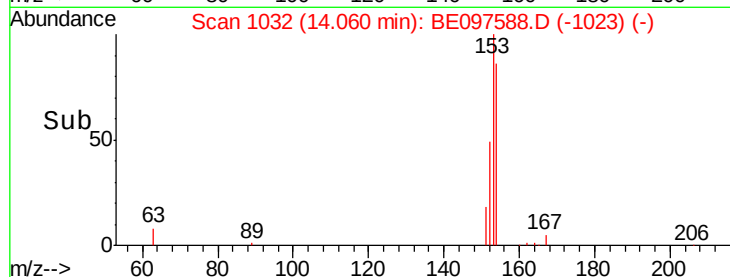
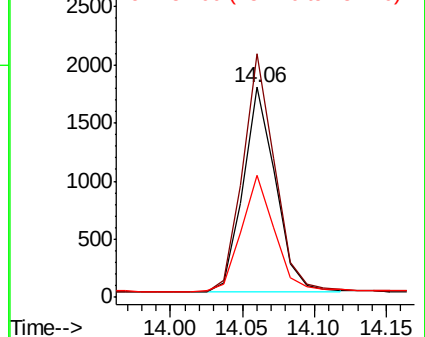
152 57.2 42.0 63.0



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: 0.406 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

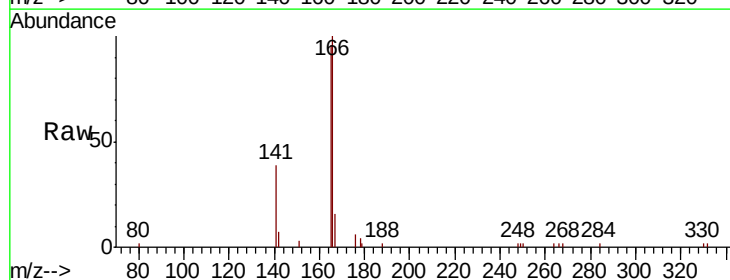
Tgt Ion:166 Resp: 3747

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

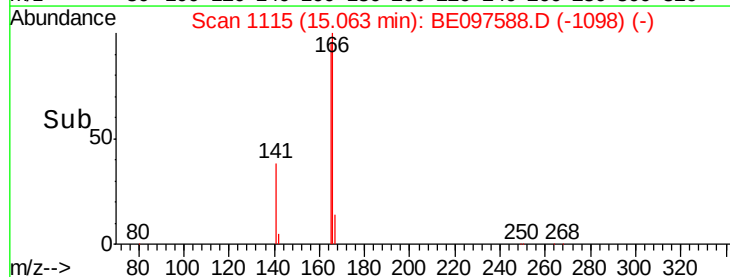
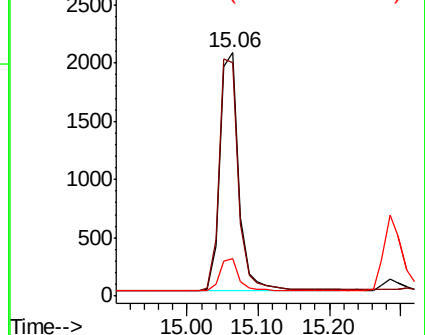
167 13.4 42.4 63.6#

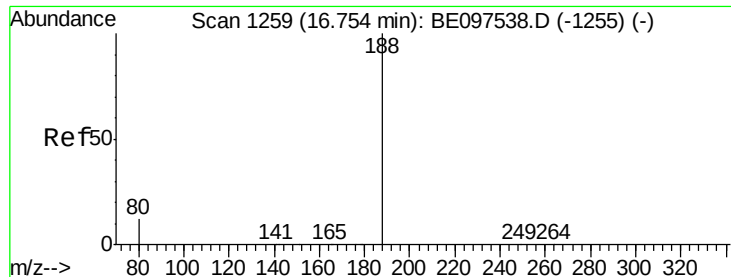


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

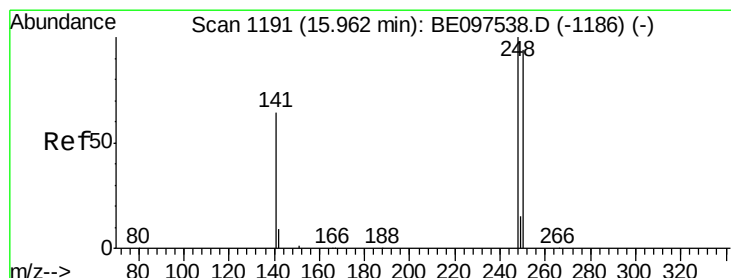
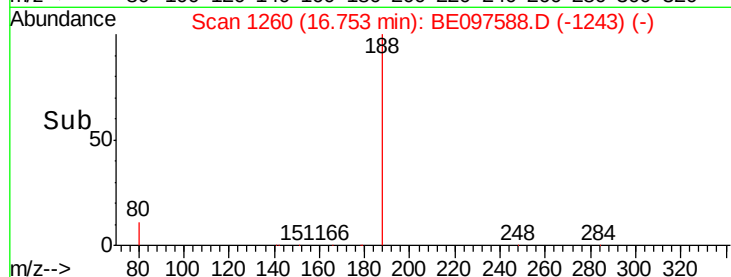
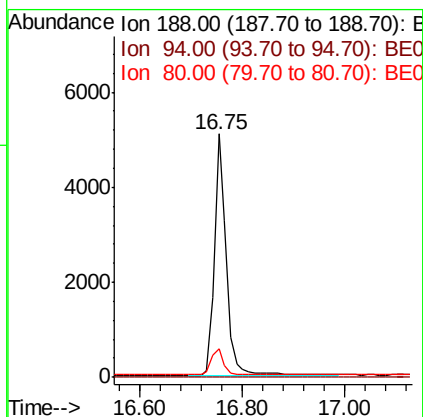
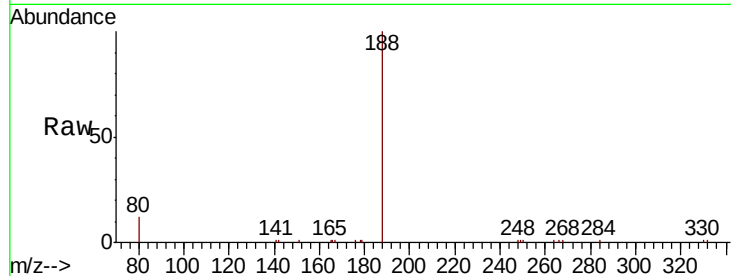




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097588.D
Acq: 20 Sep 2018 23:59

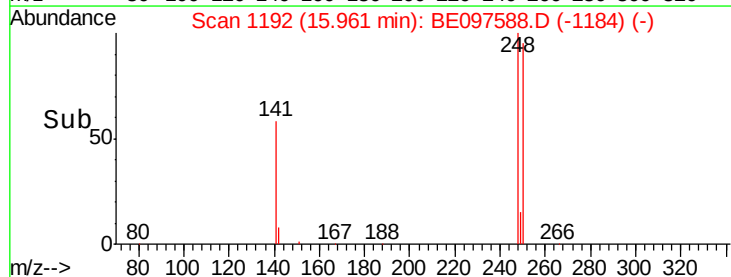
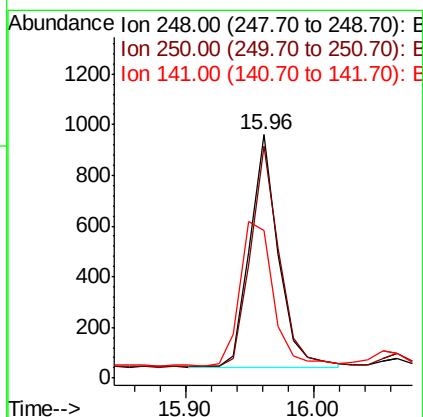
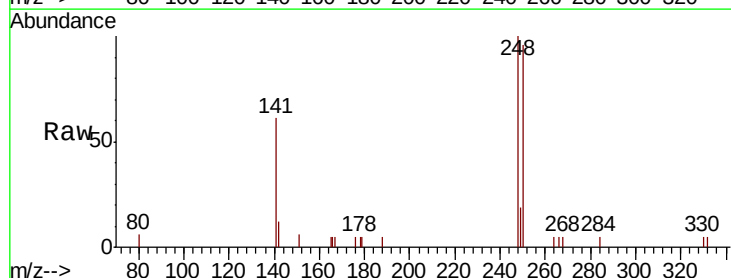
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

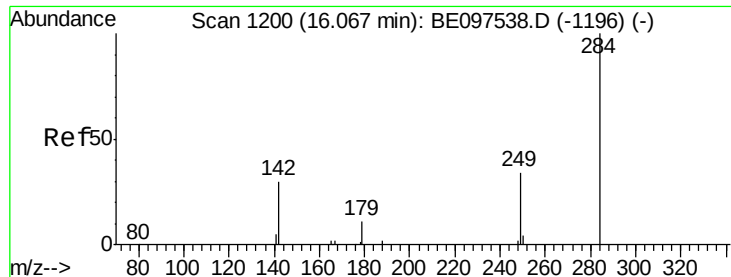
Tgt Ion:188 Resp: 8123
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.9 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097588.D
Acq: 20 Sep 2018 23:59

Tgt Ion:248 Resp: 1422
Ion Ratio Lower Upper
248 100
250 95.5 62.7 94.1#
141 60.7 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

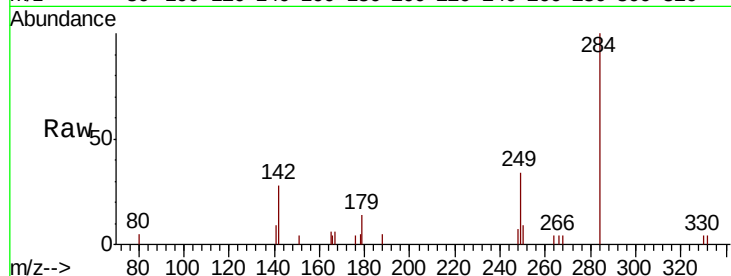
Tgt Ion:284 Resp: 1592

Ion Ratio Lower Upper

284 100

142 30.5 22.1 33.1

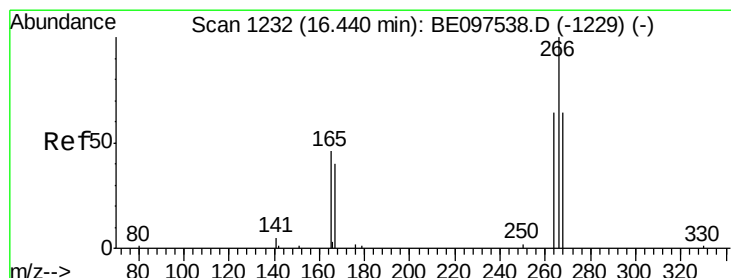
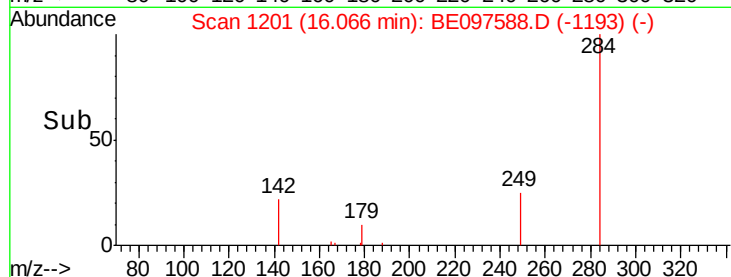
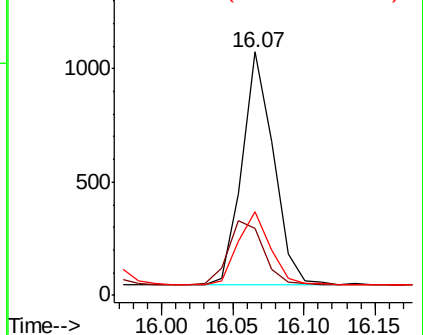
249 31.5 34.8 52.2#



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: 0.373 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

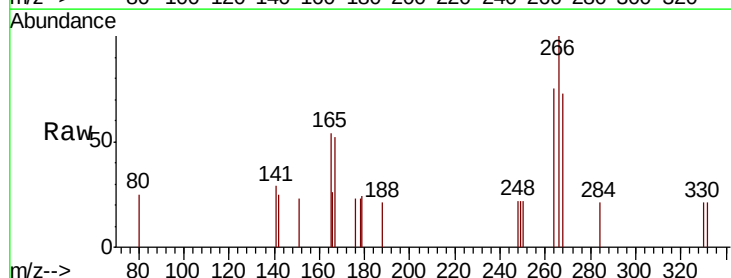
Tgt Ion:266 Resp: 440

Ion Ratio Lower Upper

266 100

264 74.6 72.5 108.7

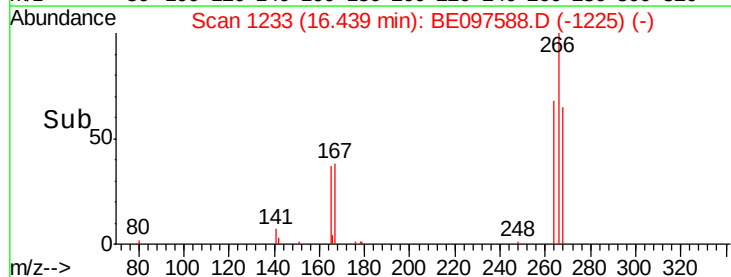
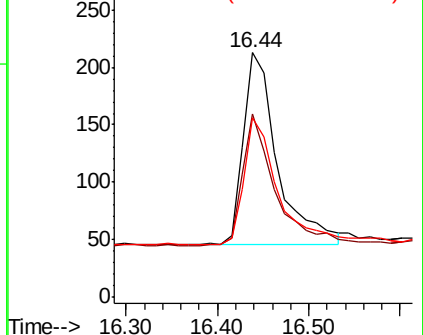
268 73.2 73.8 110.6#

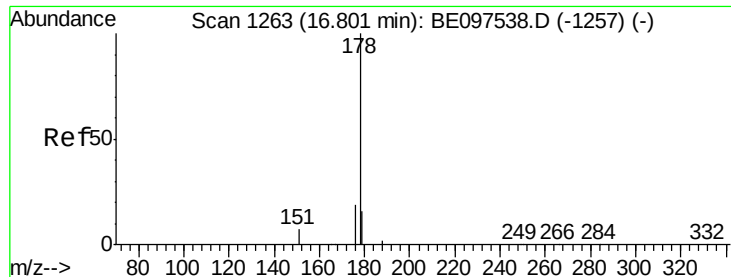


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

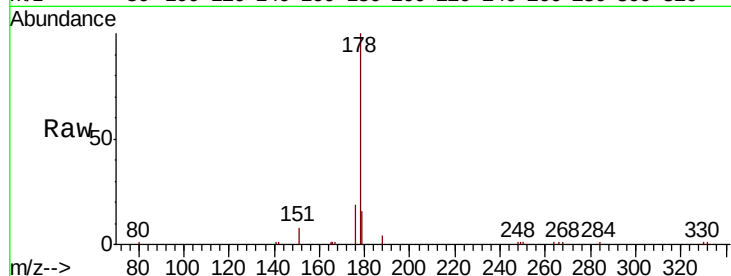
Tgt Ion:178 Resp: 7416

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.5 11.8 17.6

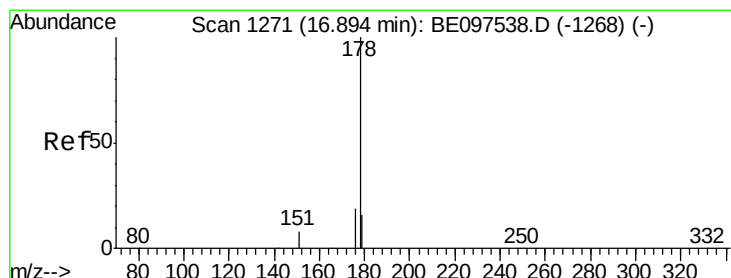
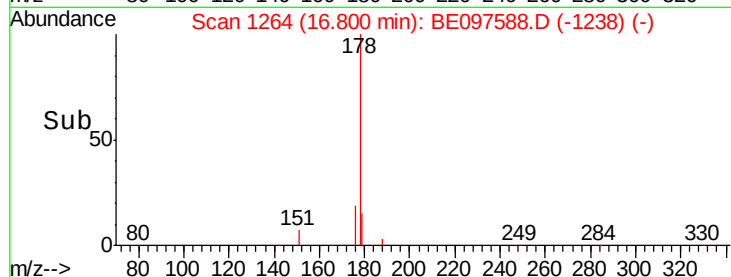
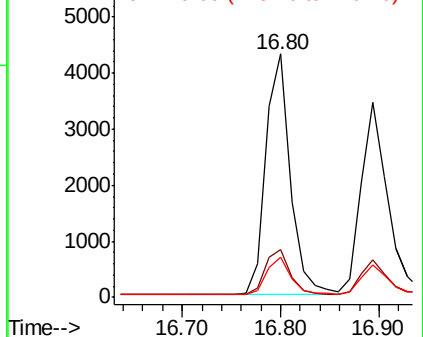


Abundance

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: 0.367 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

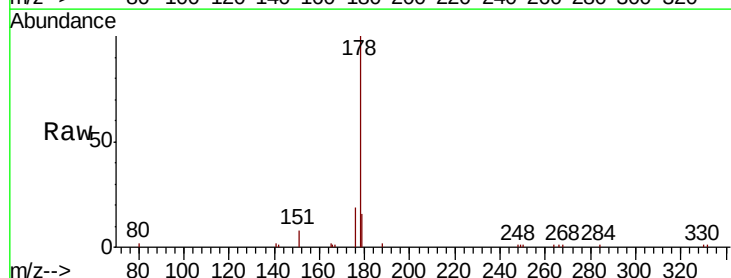
Tgt Ion:178 Resp: 6259

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

179 15.2 13.0 19.6

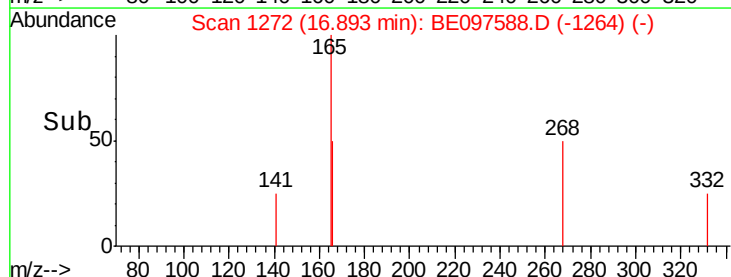
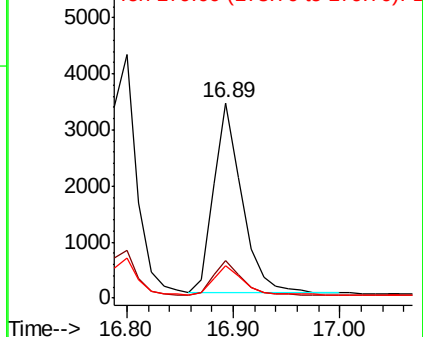


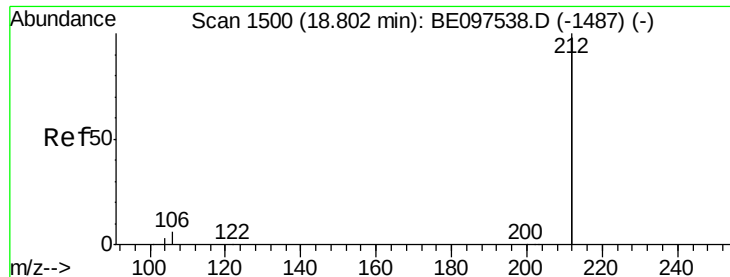
Abundance

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: 0.330 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

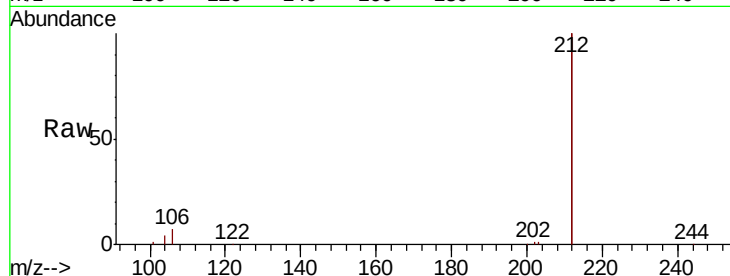
Tgt Ion:212 Resp: 34304

Ion Ratio Lower Upper

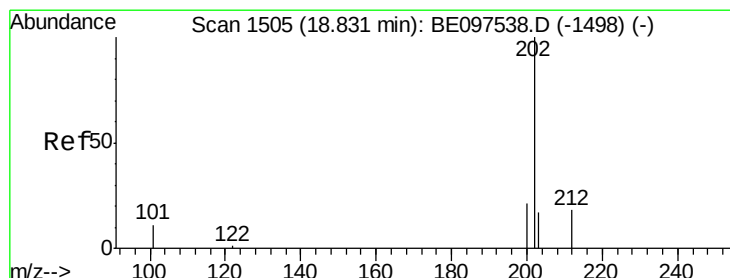
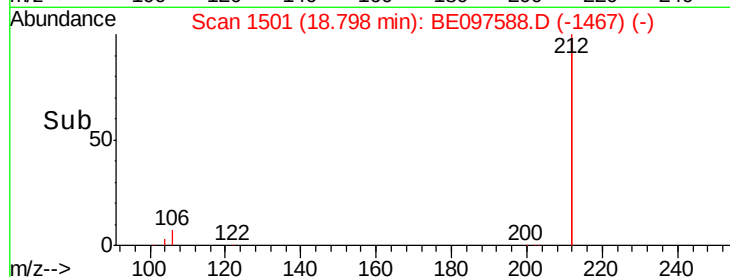
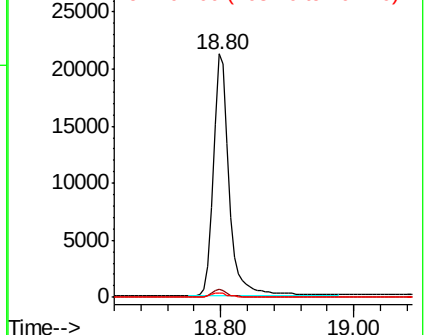
212 100

106 3.2 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: 0.334 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

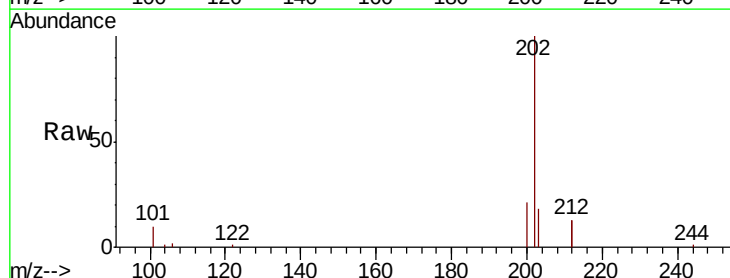
Tgt Ion:202 Resp: 8942

Ion Ratio Lower Upper

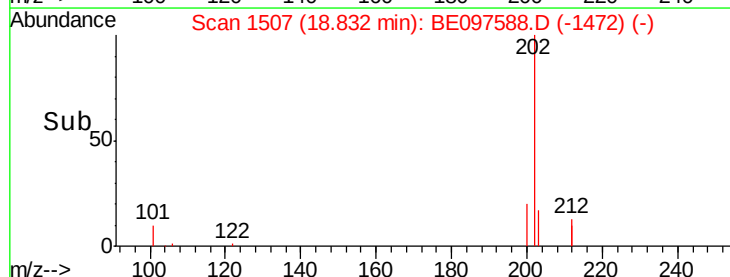
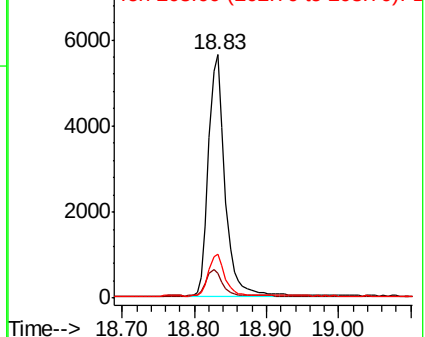
202 100

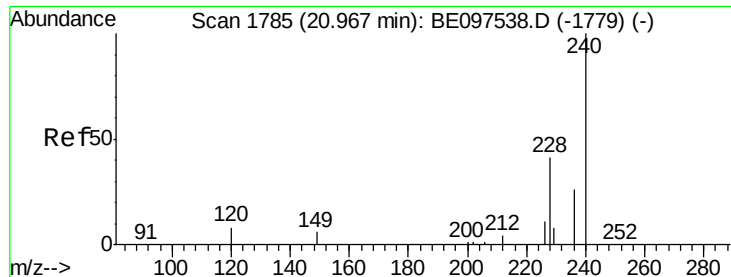
101 11.0 9.8 14.8

203 16.9 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: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

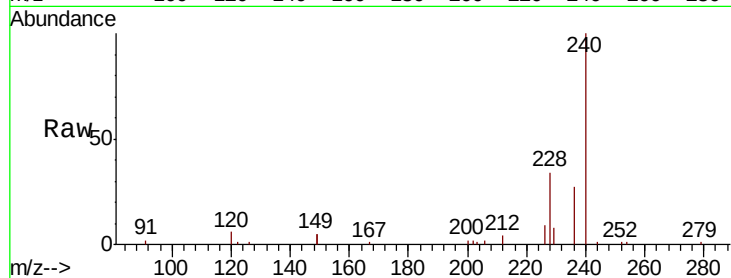
Tgt Ion:240 Resp: 9034

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

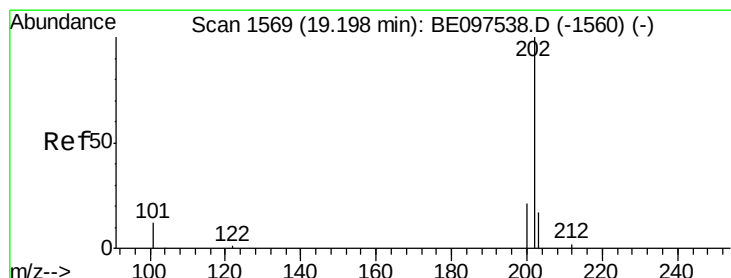
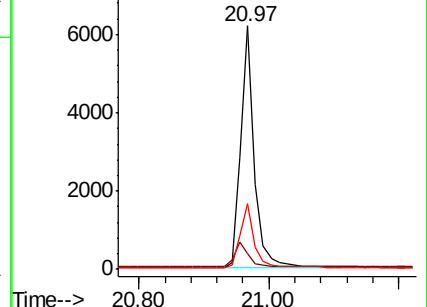
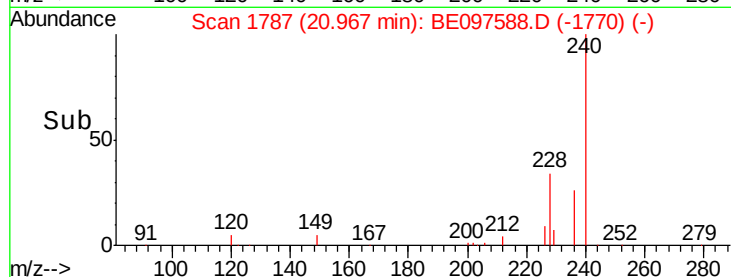
236 26.7 20.7 31.1



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: 0.447 ng

RT: 19.19 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

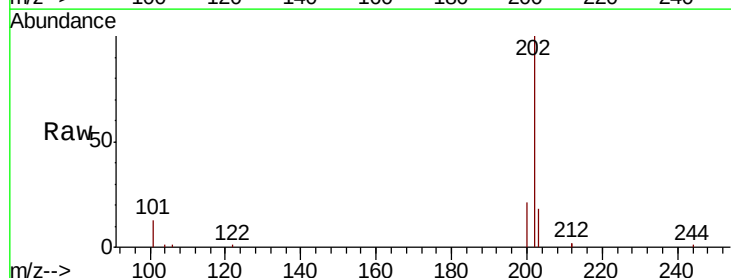
Tgt Ion:202 Resp: 9195

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

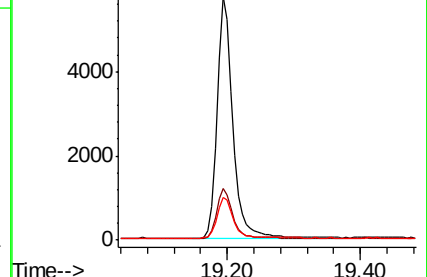
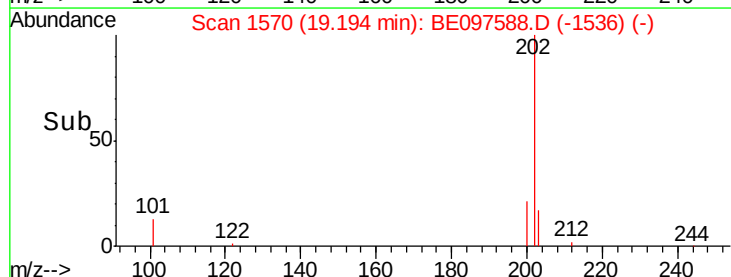
203 17.6 13.8 20.8

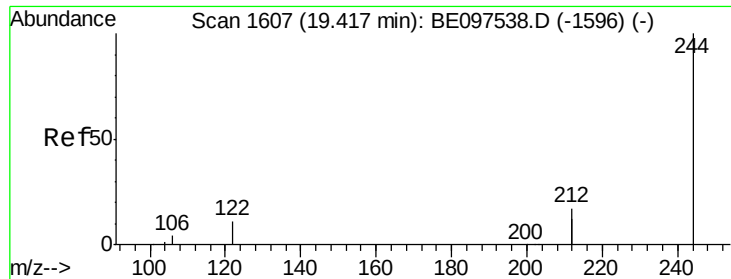


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

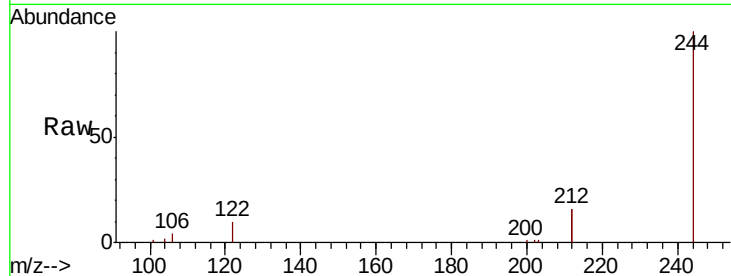




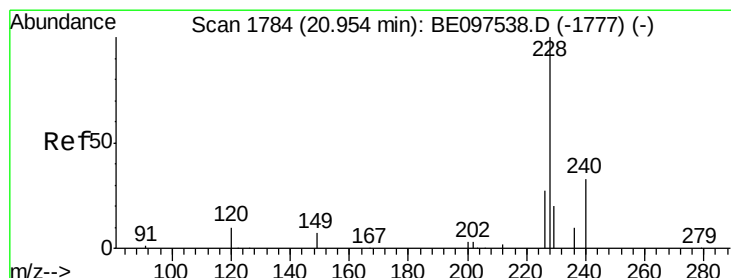
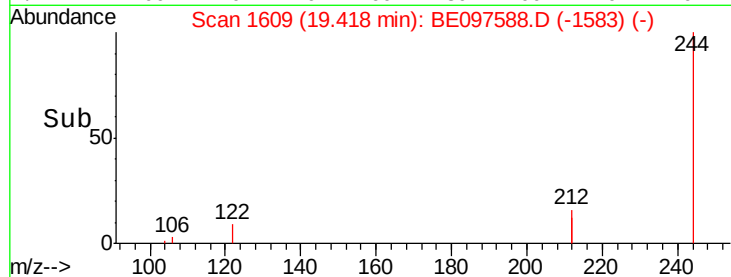
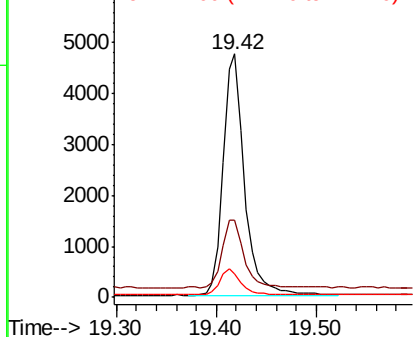
#29
 Terphenyl-d14
 Concen: 0.422 ng
 RT: 19.42 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BE097588.D
 Acq: 20 Sep 2018 23:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 244 Resp: 6977
 Ion Ratio Lower Upper
 244 100
 212 31.7 25.4 38.0
 122 9.7 8.1 12.1

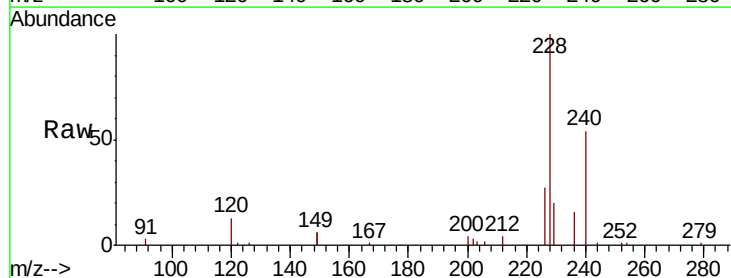


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

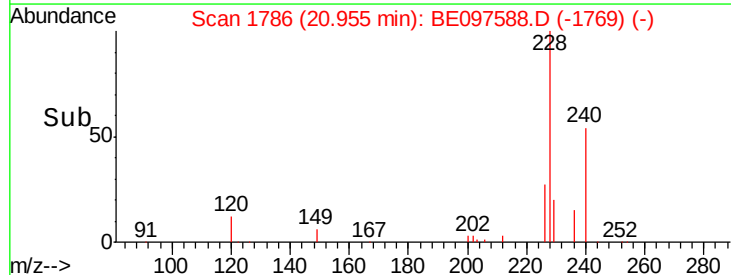
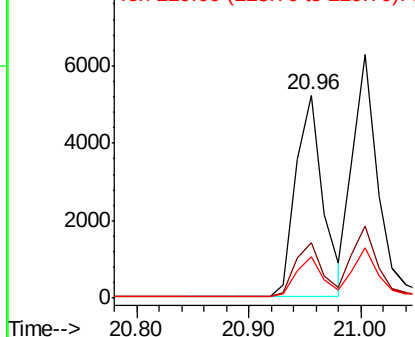


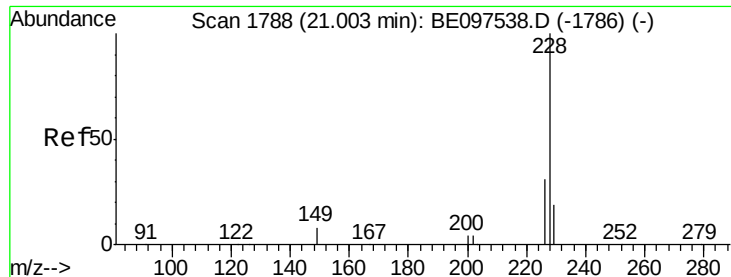
#30
 Benzo(a)anthracene
 Concen: 0.383 ng
 RT: 20.96 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097588.D
 Acq: 20 Sep 2018 23:59

Tgt Ion: 228 Resp: 8702
 Ion Ratio Lower Upper
 228 100
 226 27.4 24.0 36.0
 229 20.4 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: 0.392 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

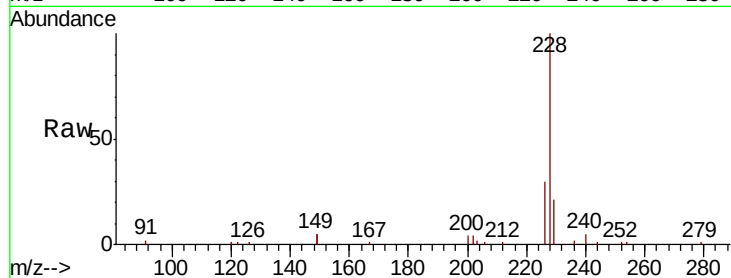
Tgt Ion:228 Resp: 9560

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

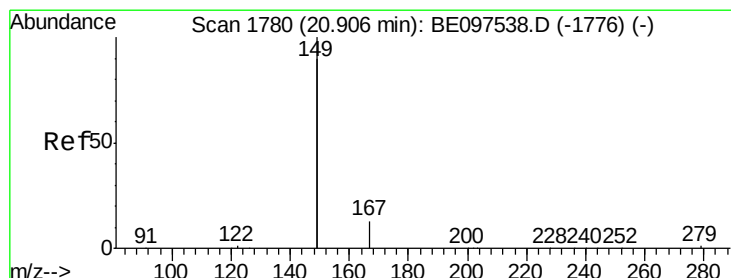
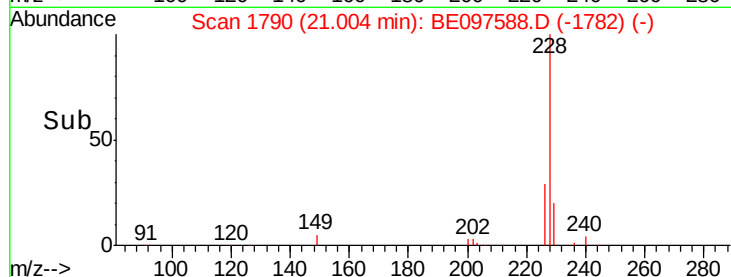
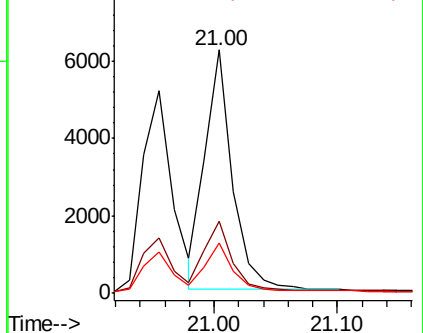
229 20.6 16.0 24.0



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: 0.352 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

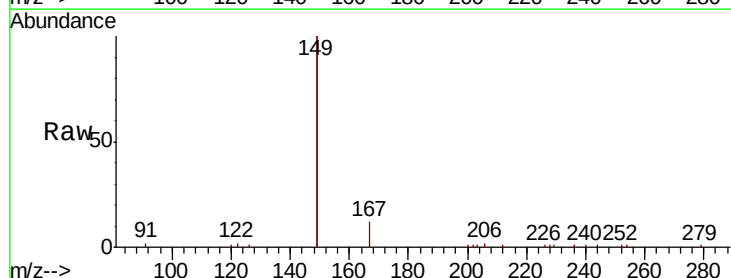
Tgt Ion:149 Resp: 13057

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

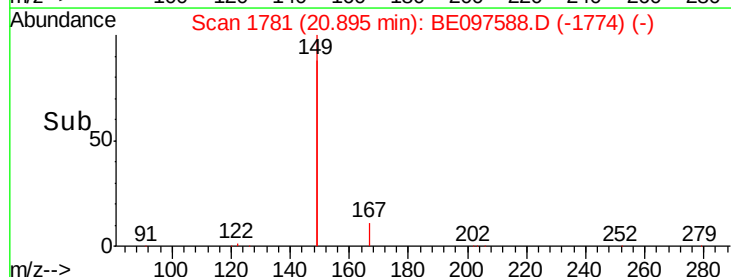
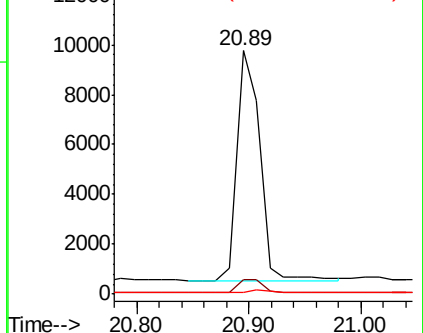
279 1.1 0.7 1.1#

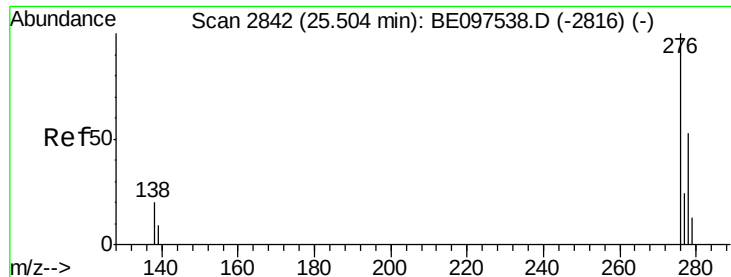


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.394 ng

RT: 25.50 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

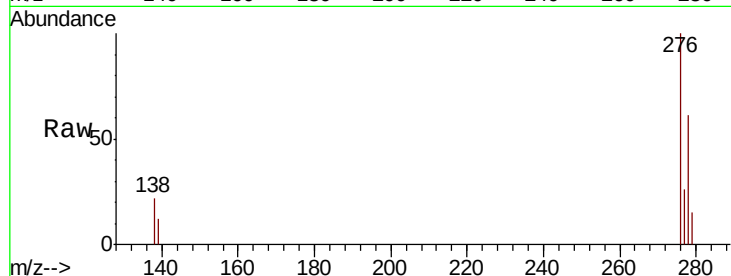
Tgt Ion:276 Resp: 11566

Ion Ratio Lower Upper

276 100

138 21.2 22.5 33.7#

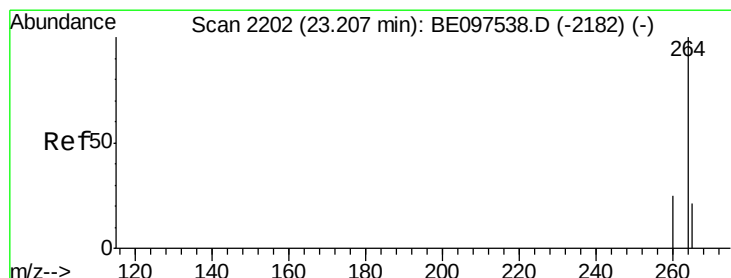
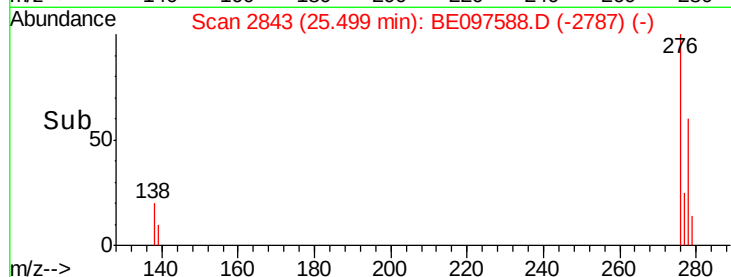
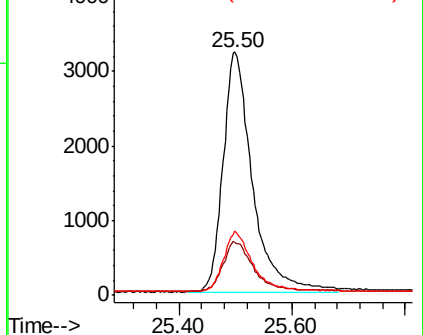
277 24.6 19.9 29.9



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: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

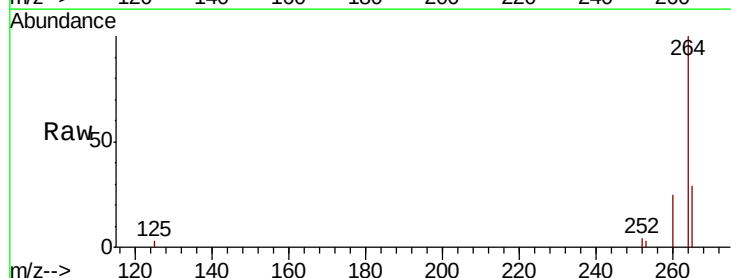
Tgt Ion:264 Resp: 9030

Ion Ratio Lower Upper

264 100

260 24.8 20.5 30.7

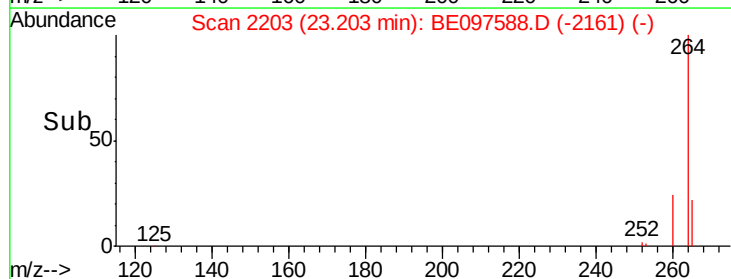
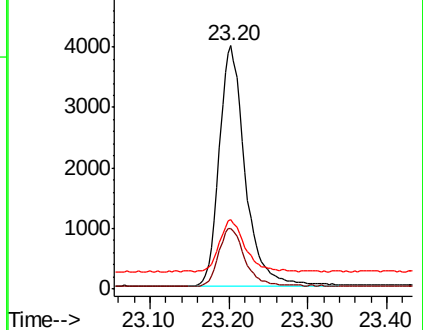
265 28.5 22.8 34.2

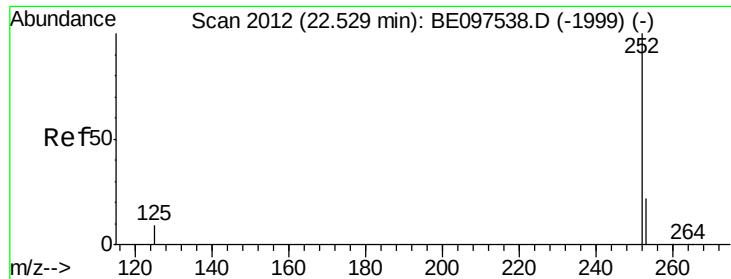


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

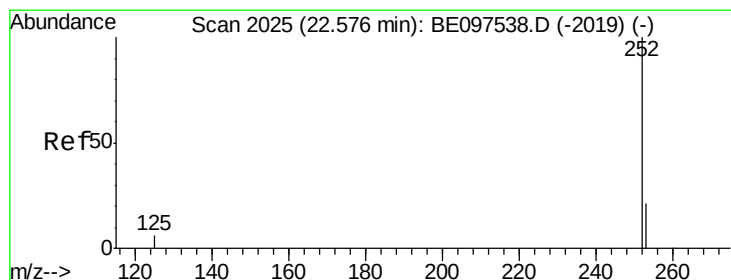
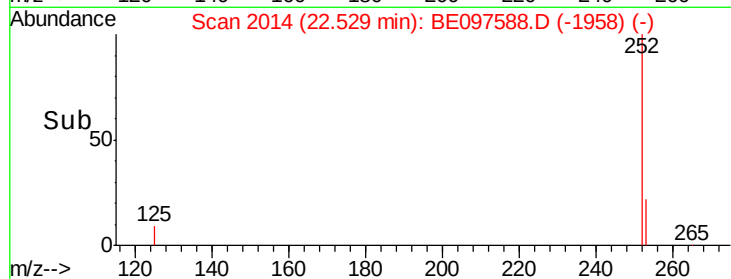
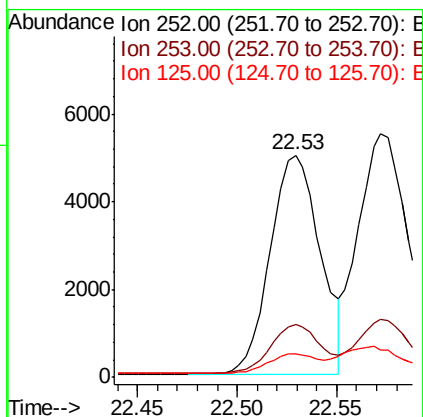
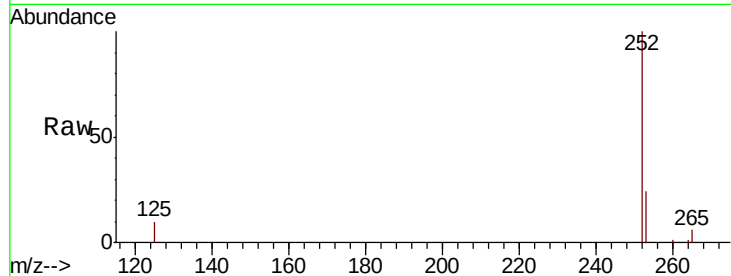




#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097588.D
Acq: 20 Sep 2018 23:59

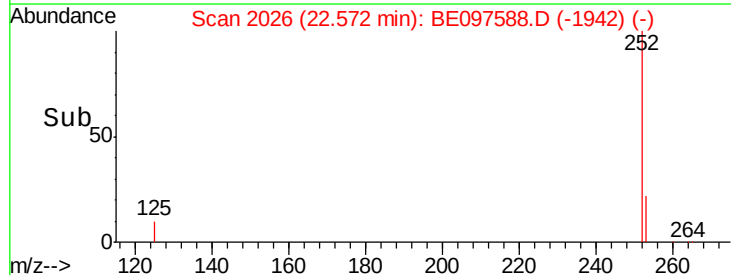
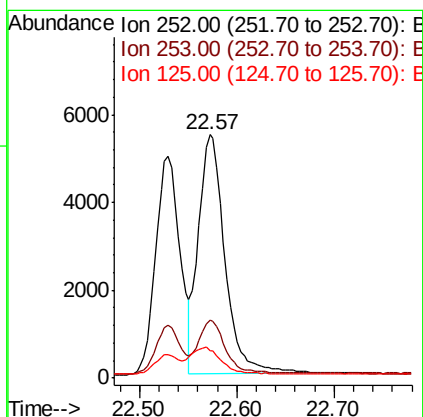
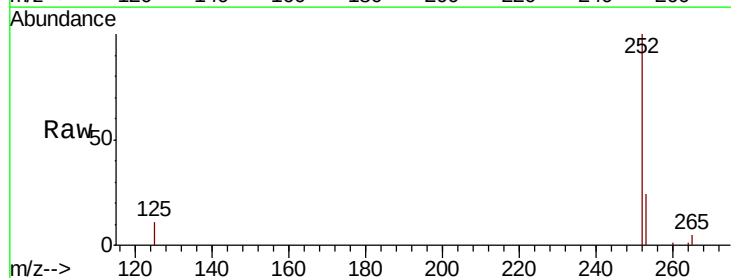
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

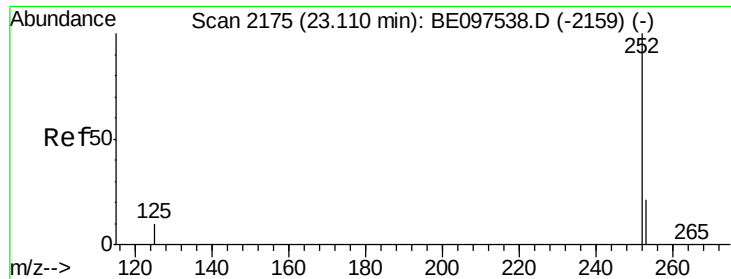
Tgt Ion:252 Resp: 8672
Ion Ratio Lower Upper
252 100
253 23.8 20.0 30.0
125 10.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.57 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097588.D
Acq: 20 Sep 2018 23:59

Tgt Ion:252 Resp: 10312
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 11.3 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

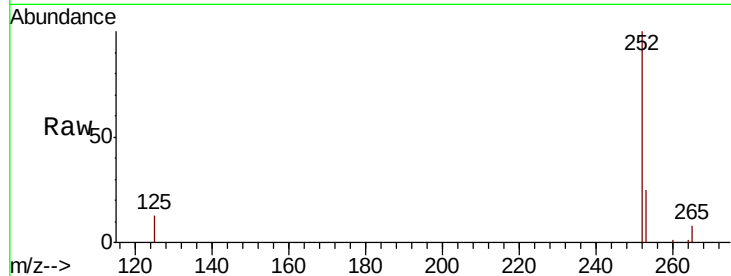
Tgt Ion:252 Resp: 8709

Ion Ratio Lower Upper

252 100

253 24.5 16.0 24.0#

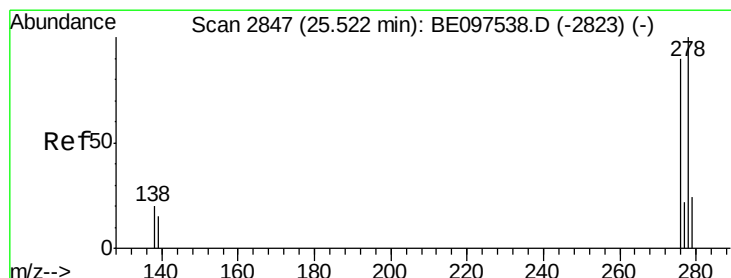
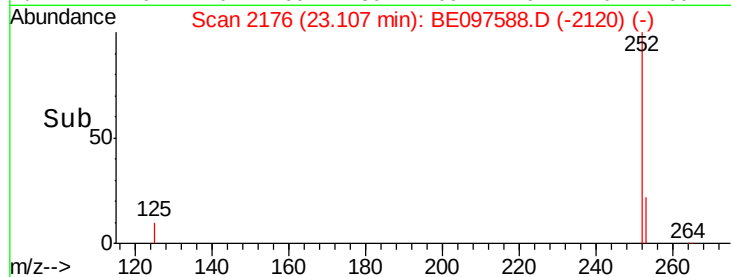
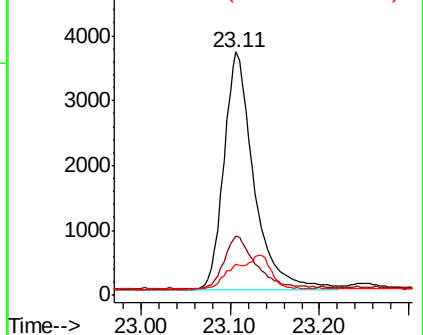
125 12.6 12.0 18.0



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: 0.395 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BE097588.D

Acq: 20 Sep 2018 23:59

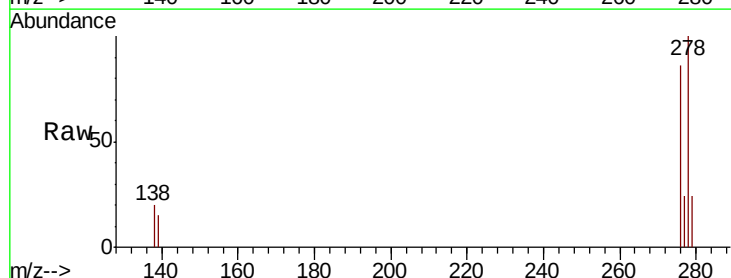
Tgt Ion:278 Resp: 9596

Ion Ratio Lower Upper

278 100

139 15.2 16.0 24.0#

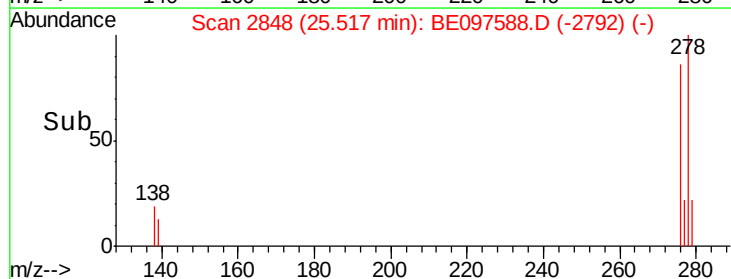
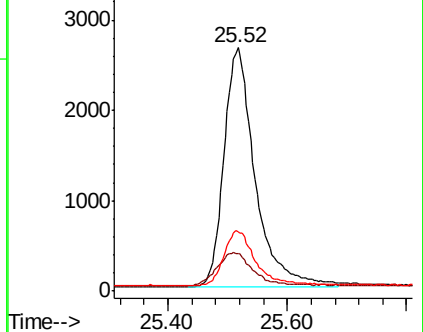
279 24.1 20.0 30.0

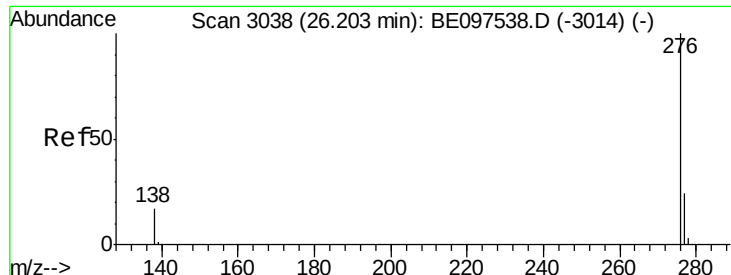


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.389 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097588.D

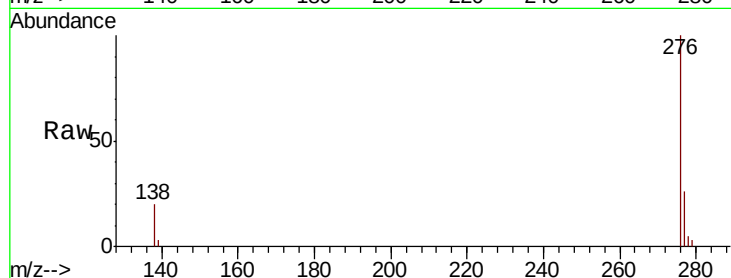
Acq: 20 Sep 2018 23:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 9183

Ion Ratio Lower Upper

276 100

277 26.0 16.0 24.0#

138 19.7 20.0 30.0#

