

Data File : BE097266.D
Acq On : 10 Aug 2018 17:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 10 23:07:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 10:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1149	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6250	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3522	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7842	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8010	0.40	ng	0.00
34) Perylene-d12	23.22	264	8293	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1413	0.44	ng	0.01
5) Phenol-d6	6.61	99	2143	0.45	ng	0.01
8) Nitrobenzene-d5	8.52	82	2153	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3444	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	457	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4871	0.40	ng	0.00
25) Fluoranthene-d10	18.81	212	29994	0.38	ng	0.00
29) Terphenyl-d14	19.43	244	5692	0.37	ng	0.00

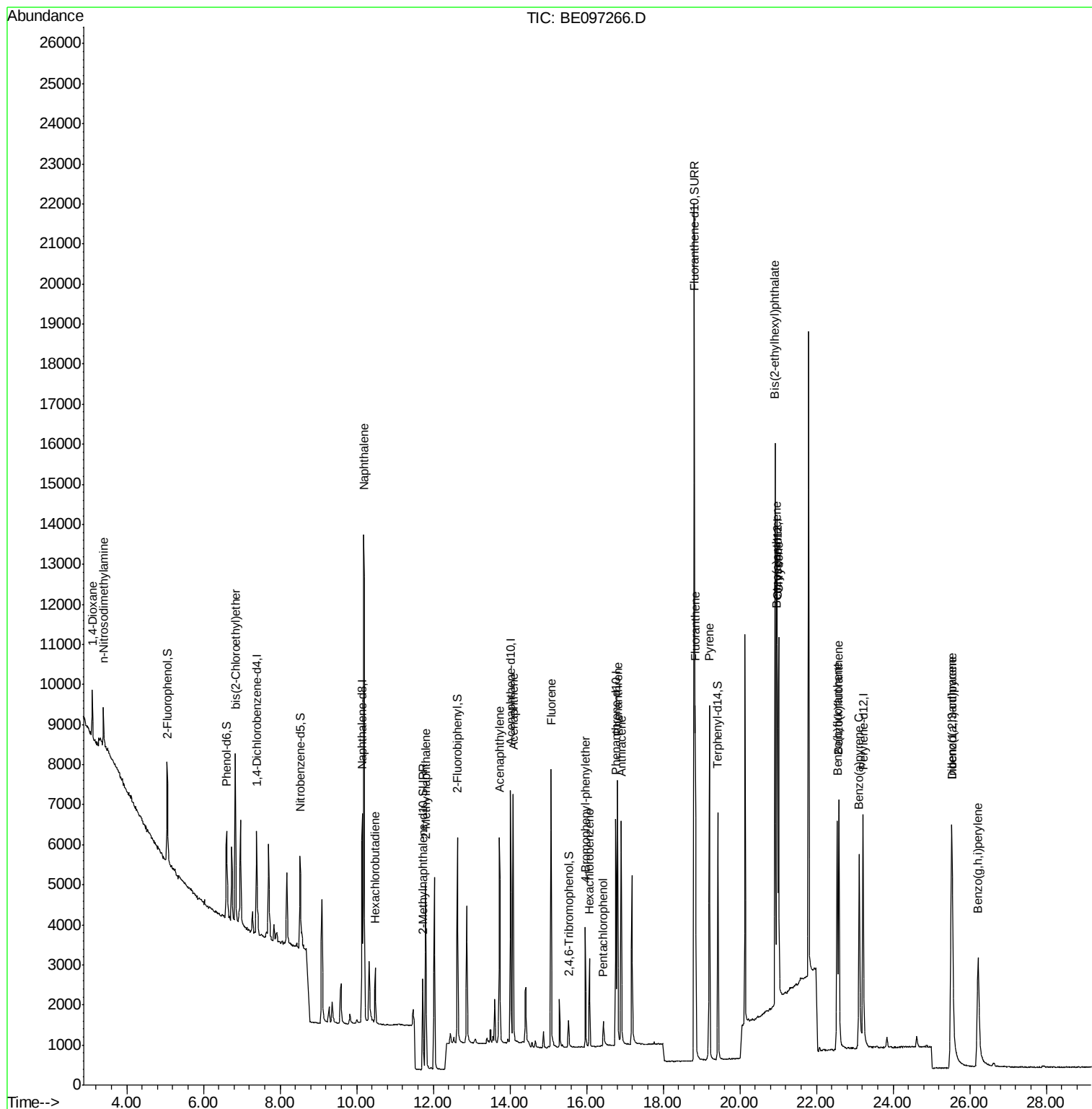
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	710	0.389	ng	# 89
3) n-Nitrosodimethylamine	3.38	42	632	0.310	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	1649	0.381	ng	91
9) Naphthalene	10.19	128	21505	0.383	ng	99
10) Hexachlorobutadiene	10.48	225	953	0.379	ng	98
12) 2-Methylnaphthalene	11.80	142	3567	0.371	ng	98
16) Acenaphthylene	13.73	152	6164	0.390	ng	100
17) Acenaphthene	14.08	154	3581	0.390	ng	94
18) Fluorene	15.08	166	4401	0.362	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	1533	0.402	ng	# 89
21) Hexachlorobenzene	16.08	284	1710	0.418	ng	# 84
22) Pentachlorophenol	16.44	266	431	0.445	ng	# 81
23) Phenanthrene	16.81	178	7184	0.384	ng	98
24) Anthracene	16.91	178	6548	0.392	ng	96
26) Fluoranthene	18.84	202	7955	0.379	ng	98
28) Pyrene	19.20	202	8048	0.366	ng	99
30) Benzo(a)anthracene	20.96	228	8409	0.422	ng	99
31) Chrysene	21.02	228	8127	0.380	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	14788	0.678	ng	100
33) Indeno(1,2,3-cd)pyrene	25.53	276	9898	0.512	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	7639	0.363	ng	# 91
36) Benzo(k)fluoranthene	22.59	252	8743	0.356	ng	# 91
37) Benzo(a)pyrene	23.12	252	7825	0.395	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	8369	0.423	ng	98
39) Benzo(g,h,i)perylene	26.22	276	8078	0.385	ng	# 91

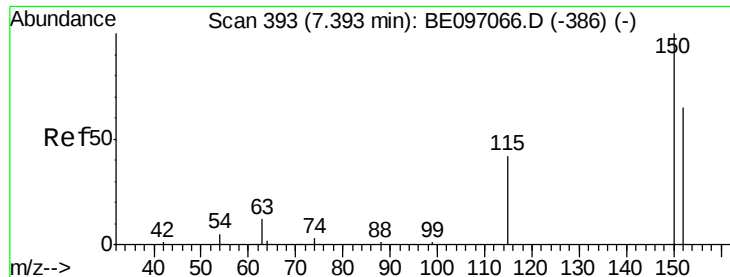
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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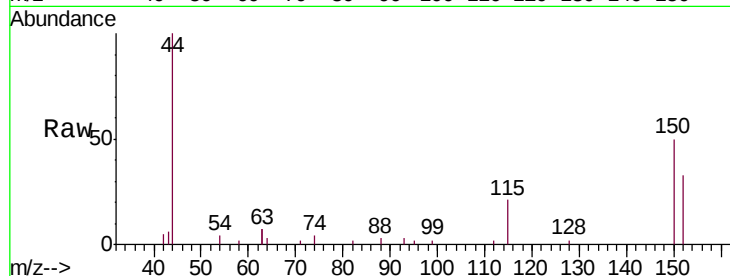


#1

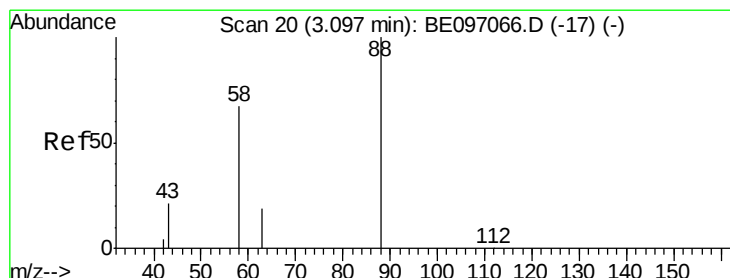
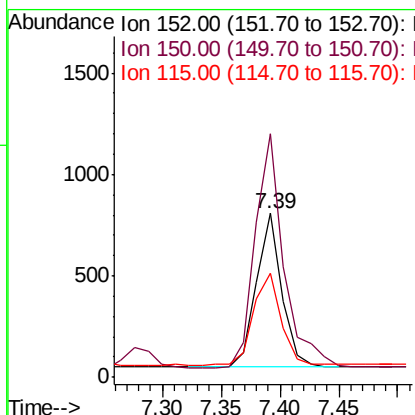
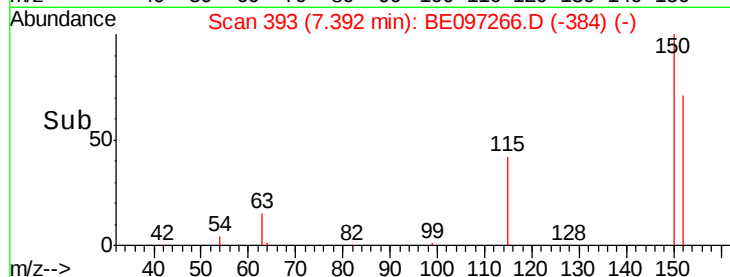
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097266.D
Acq: 10 Aug 2018 17:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1149
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 63.3 57.0 85.6



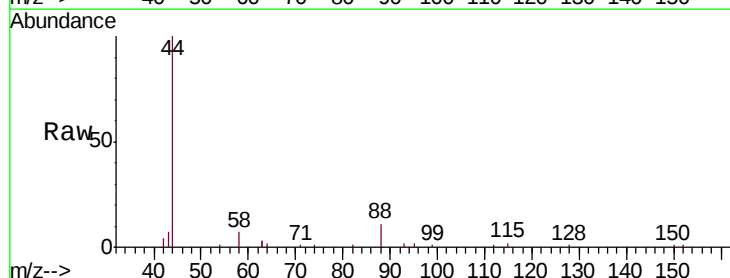
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



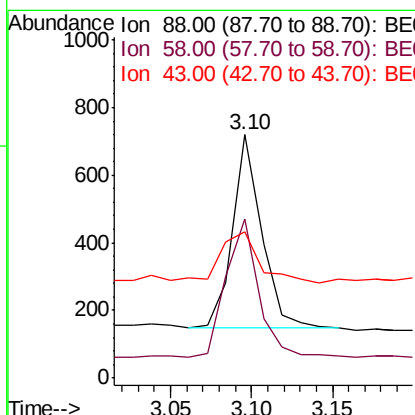
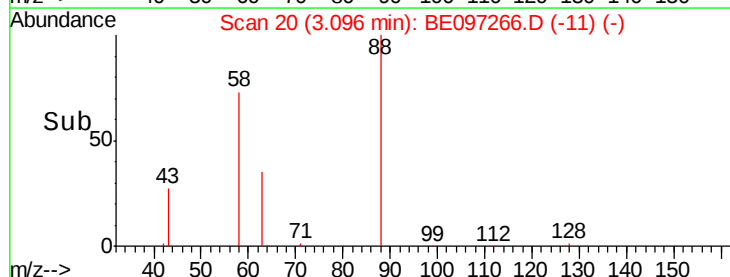
#2

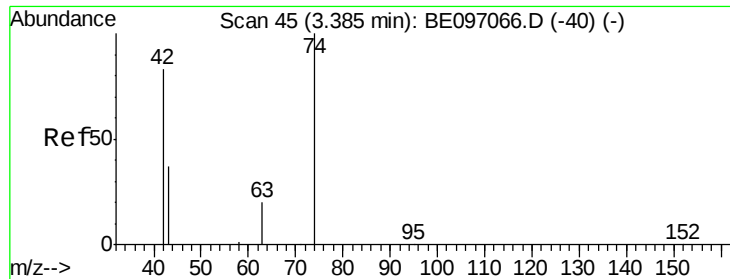
1,4-Dioxane
Concen: 0.389 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097266.D
Acq: 10 Aug 2018 17:37

Tgt Ion: 88 Resp: 710
Ion Ratio Lower Upper
88 100
58 82.5 63.2 94.8
43 35.8 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: 0.310 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

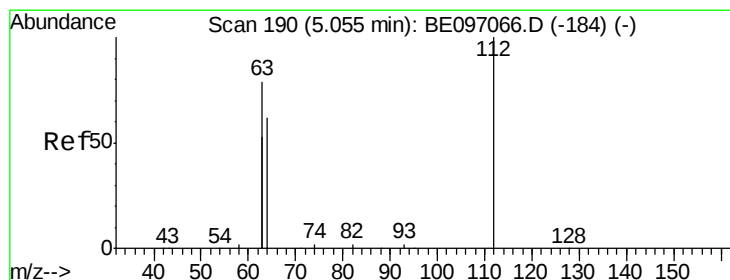
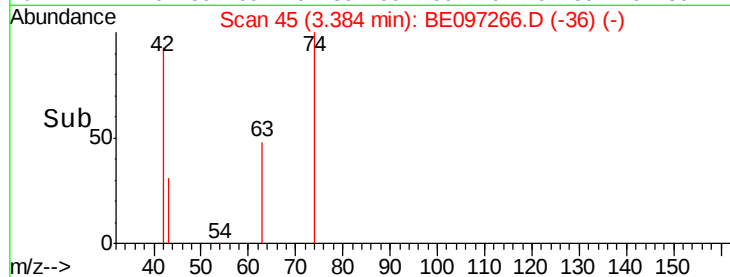
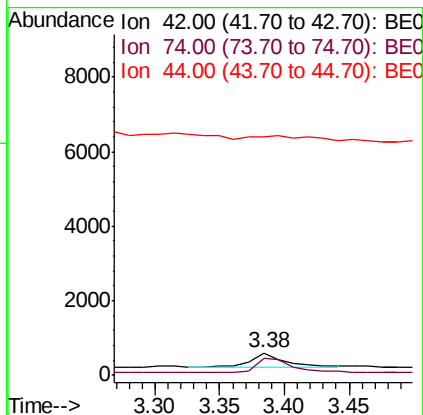
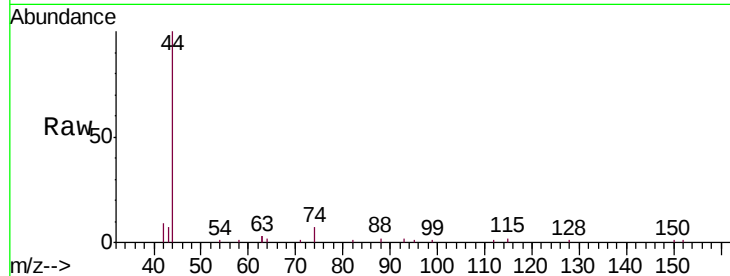
BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 42 Resp: 632

Ion	Ratio	Lower	Upper
42	100		
74	123.7	96.0	144.0
44	49.4	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.438 ng

RT: 5.07 min Scan# 191

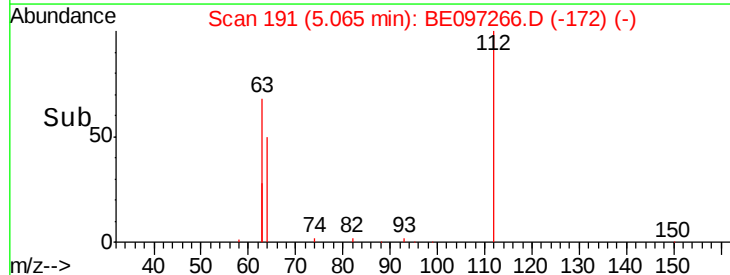
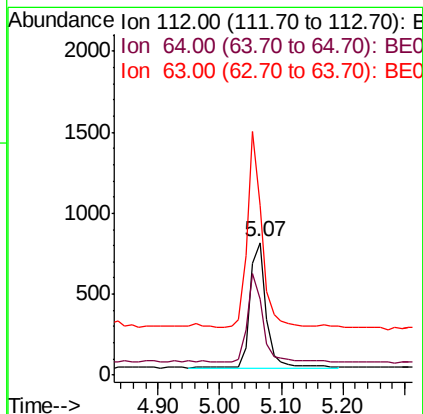
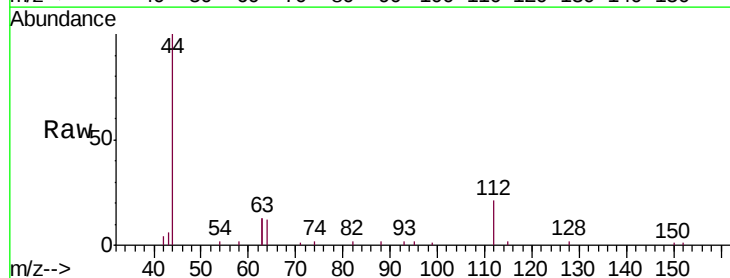
Delta R.T. 0.01 min

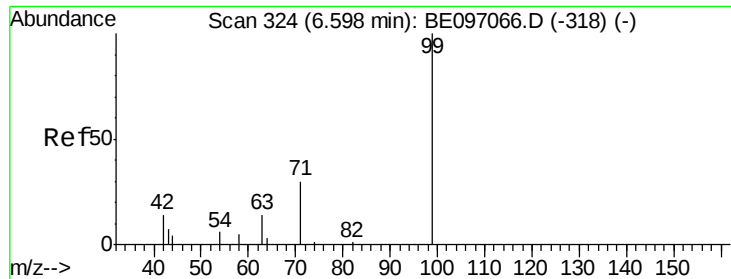
Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Tgt Ion: 112 Resp: 1413

Ion	Ratio	Lower	Upper
112	100		
64	64.7	60.1	90.1
63	140.0	116.8	175.2





#5

Phenol-d6

Concen: 0.452 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

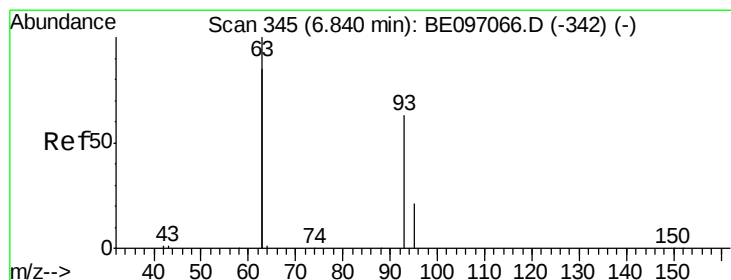
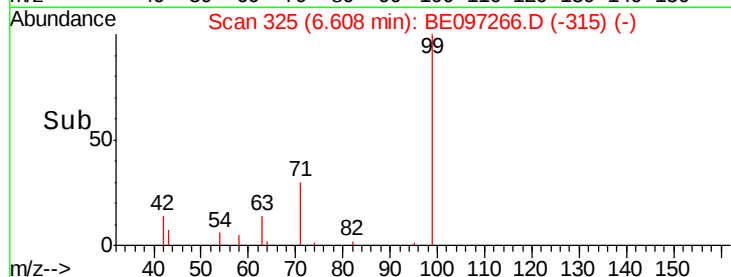
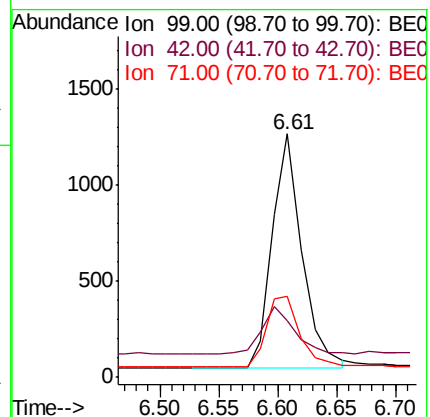
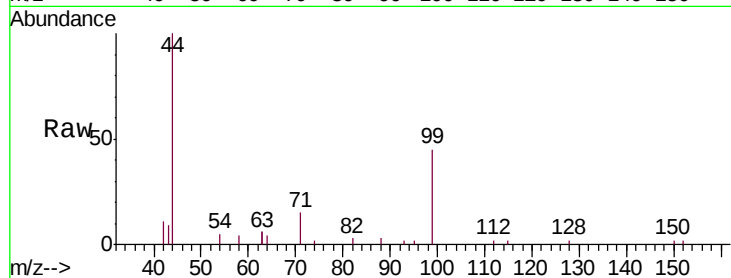
Tgt Ion: 99 Resp: 2143

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

71 34.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.381 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

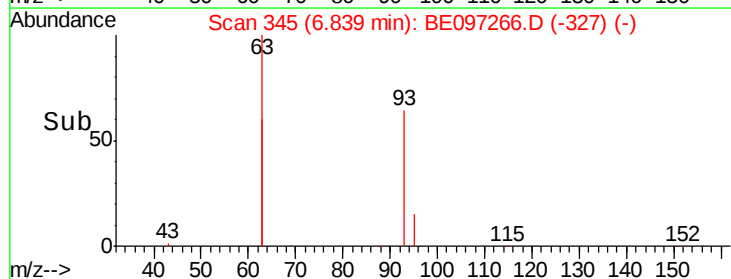
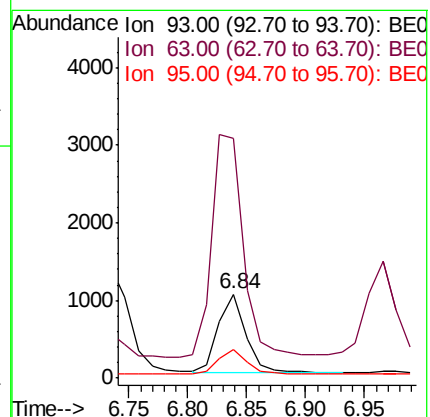
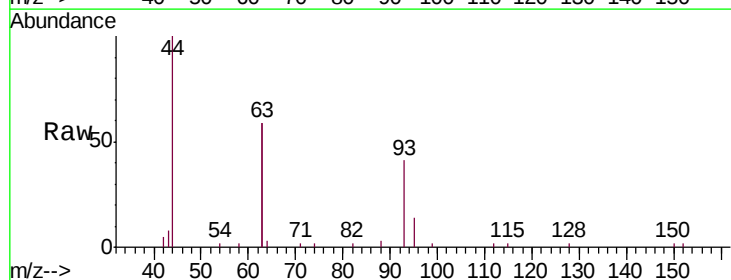
Tgt Ion: 93 Resp: 1649

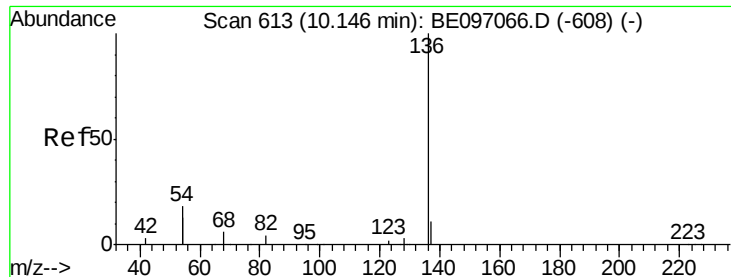
Ion Ratio Lower Upper

93 100

63 324.4 275.3 412.9

95 30.7 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 6250

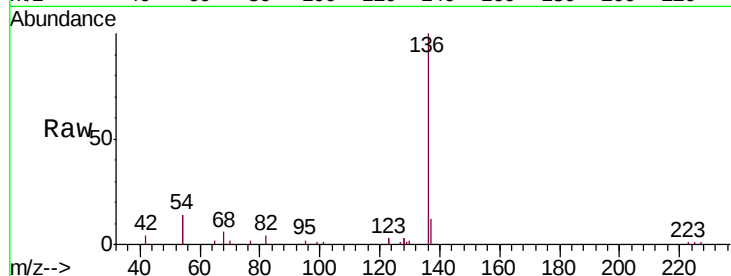
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 28.8 29.1 43.7#

68 6.2 6.2 9.2

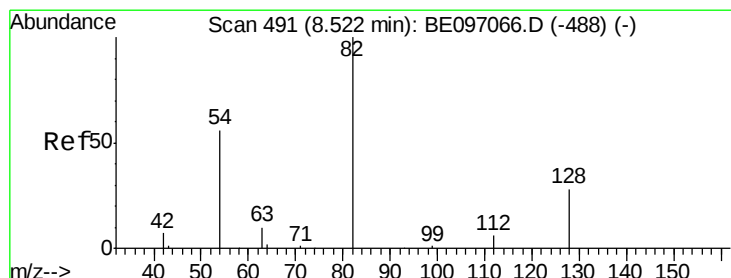
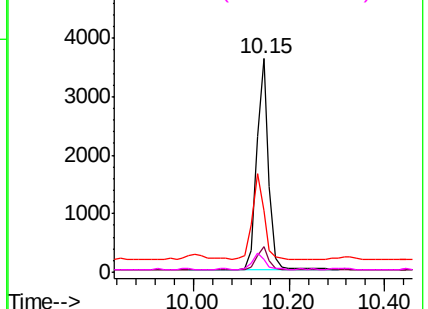
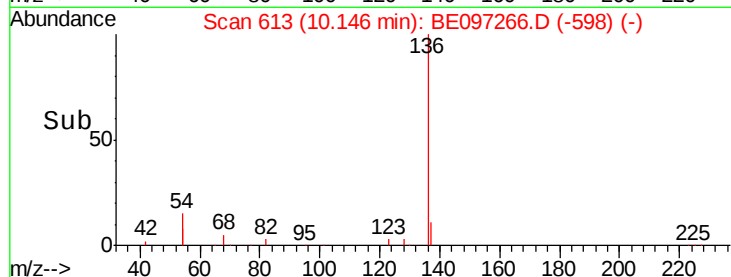


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

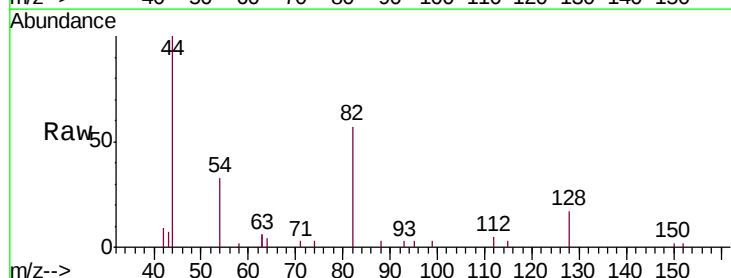
Tgt Ion: 82 Resp: 2153

Ion Ratio Lower Upper

82 100

128 30.8 24.0 36.0

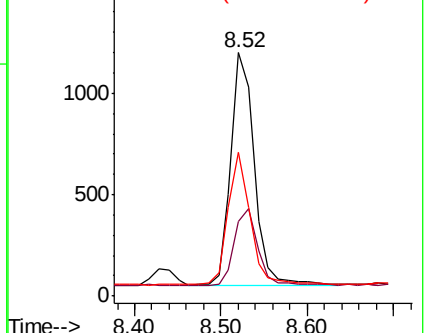
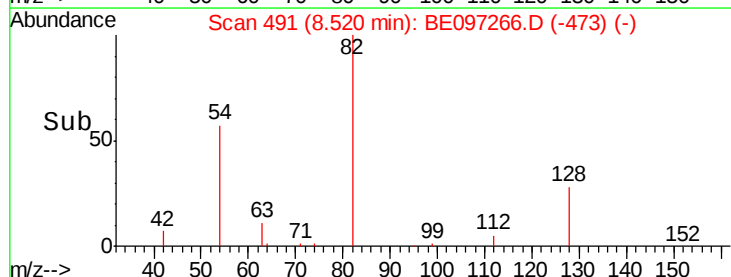
54 59.1 40.0 60.0

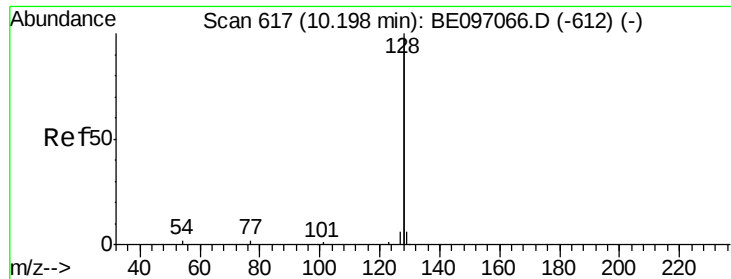


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.383 ng

RT: 10.19 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

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ClientSampleId :

SSTDCCC0.4

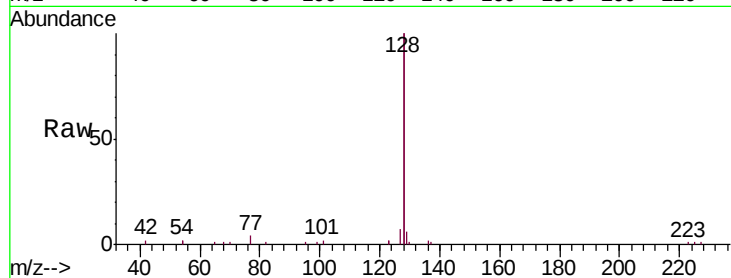
Tgt Ion:128 Resp: 21505

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

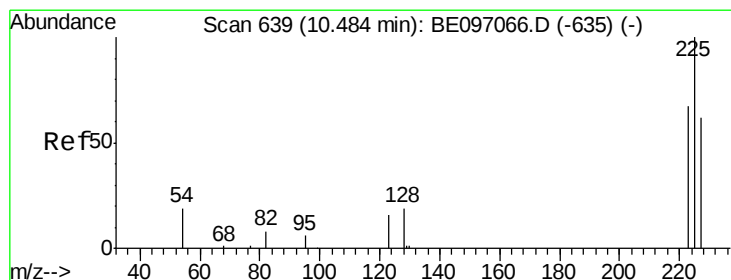
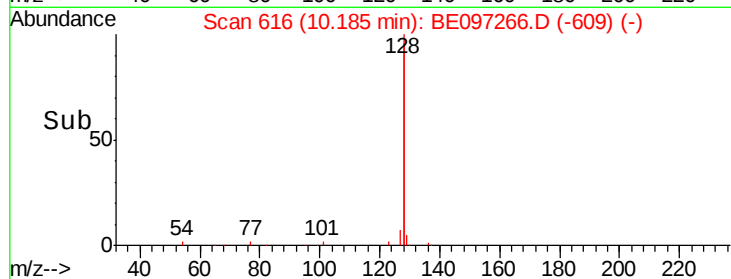
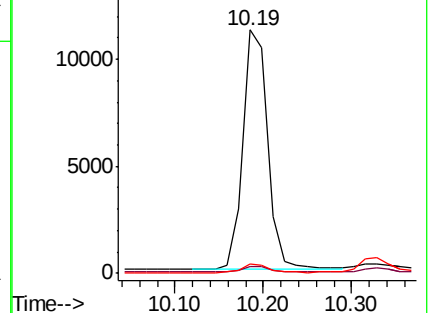
127 3.7 2.8 4.2



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: 0.379 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

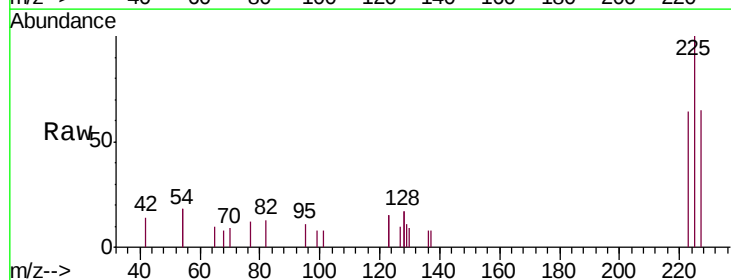
Tgt Ion:225 Resp: 953

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

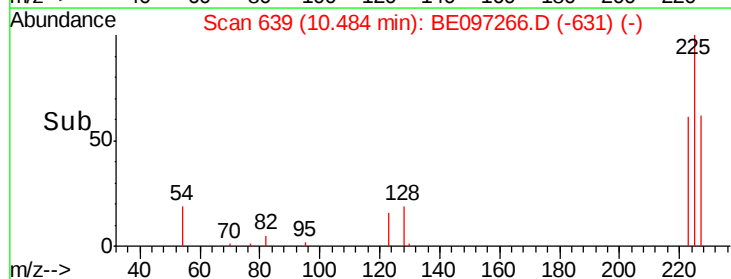
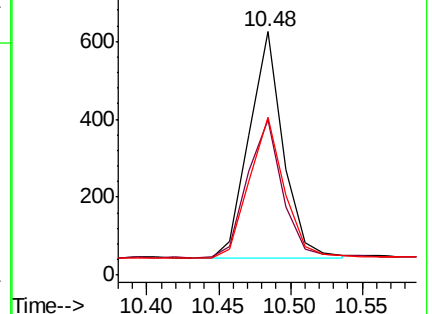
227 63.6 51.4 77.2

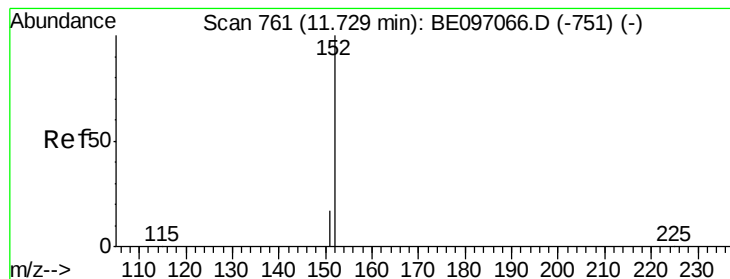


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 11.73 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE097266.D

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ClientSampleId :

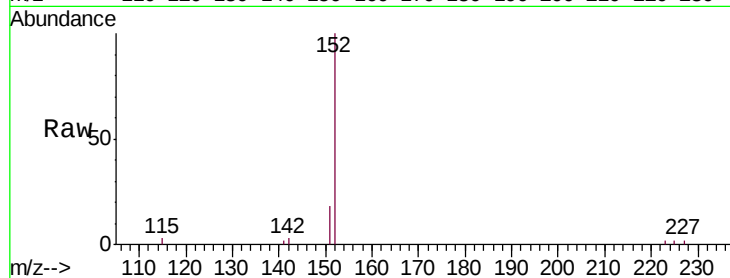
SSTDCCC0.4

Tgt Ion:152 Resp: 3444

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

1500

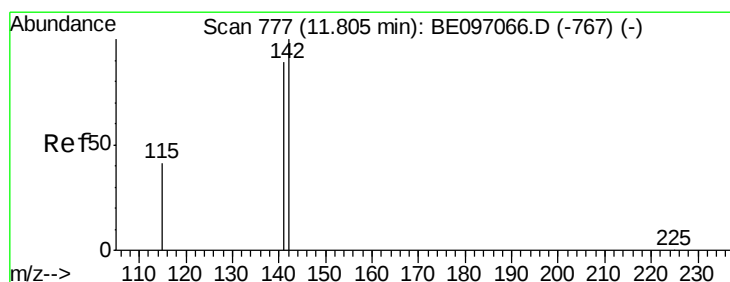
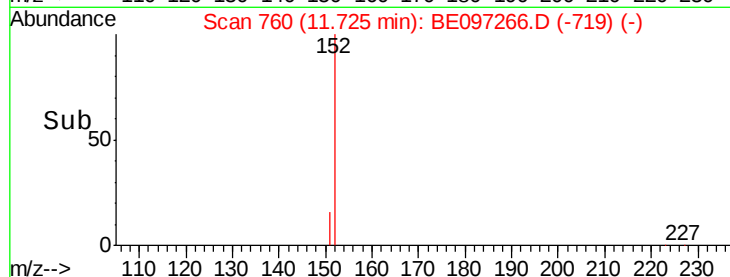
1000

500

0

11.60 11.70 11.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.371 ng

RT: 11.80 min Scan# 776

Delta R.T. -0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

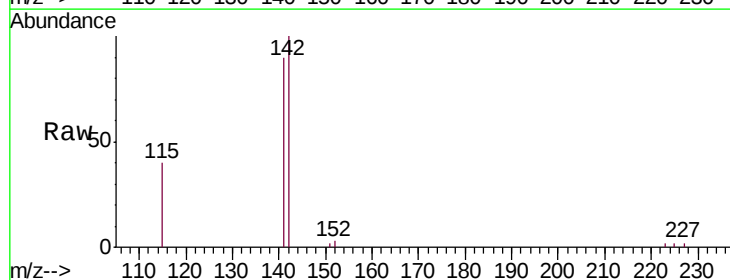
Tgt Ion:142 Resp: 3567

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

115 40.0 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

2500

2000

1500

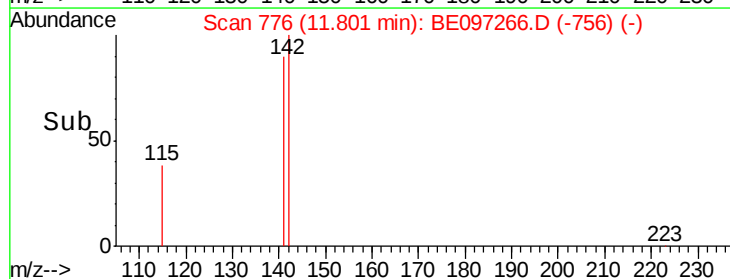
1000

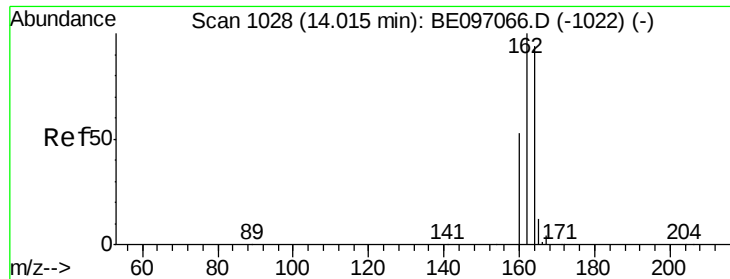
500

0

11.70 11.80 11.90

Time-->

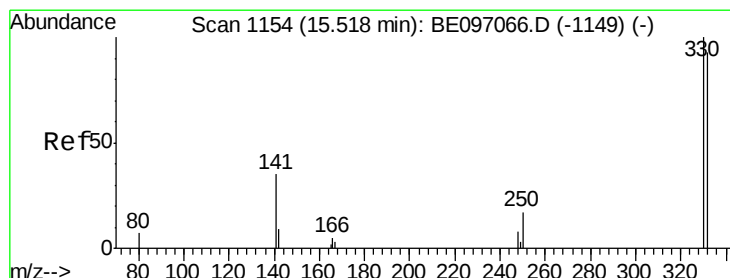
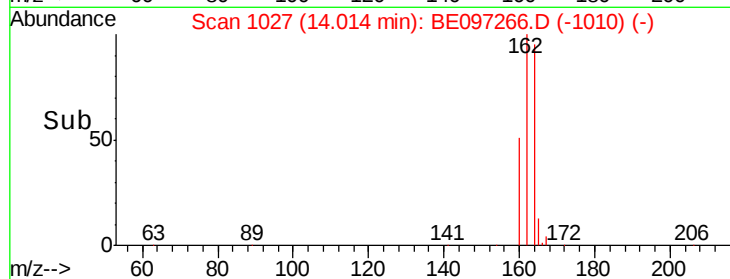
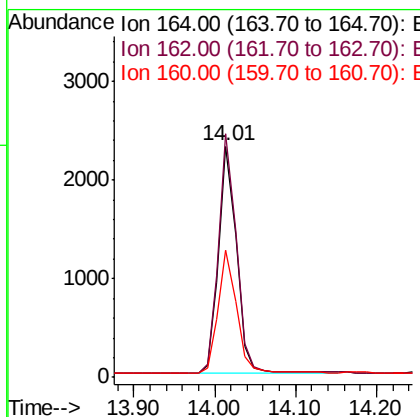
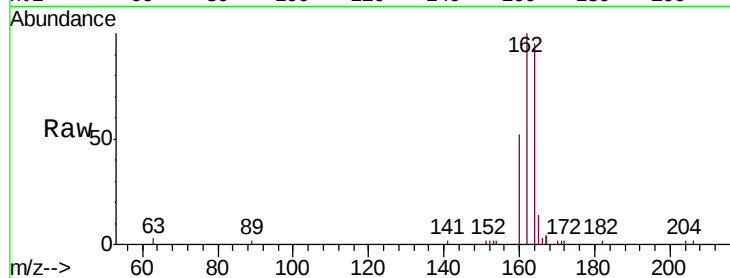




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097266.D
 Acq: 10 Aug 2018 17:37

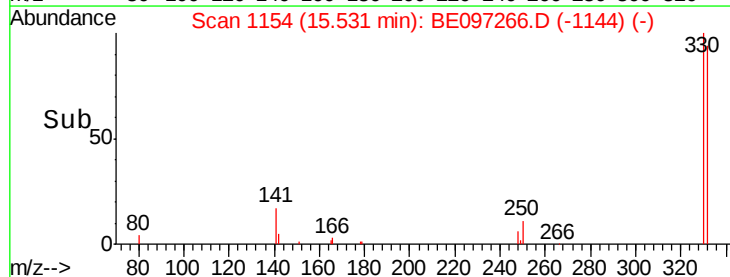
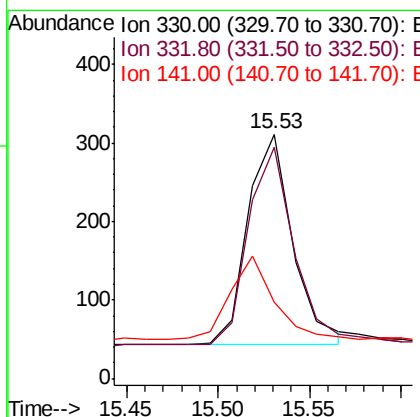
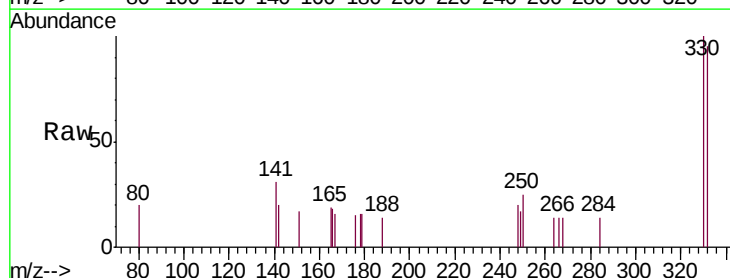
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC0.4

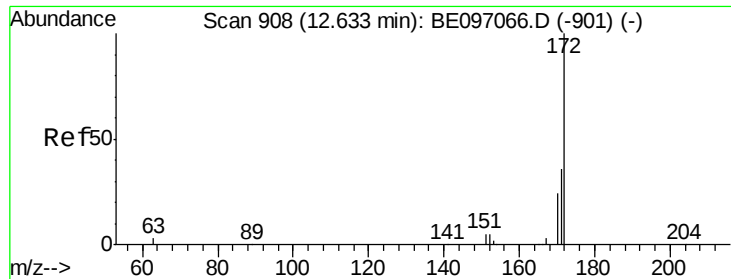
Tgt Ion:164 Resp: 3522
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.1 124.7
 160 54.9 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.394 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097266.D
 Acq: 10 Aug 2018 17:37

Tgt Ion:330 Resp: 457
 Ion Ratio Lower Upper
 330 100
 332 95.2 152.7 229.1#
 141 38.7 33.7 50.5

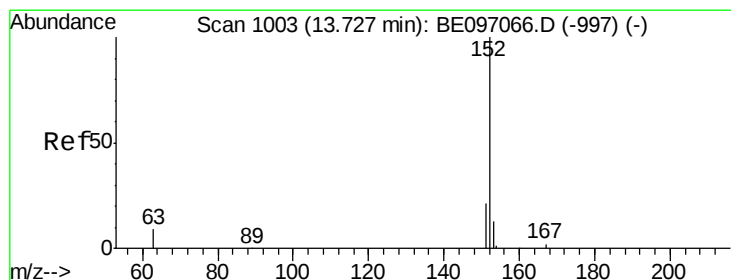
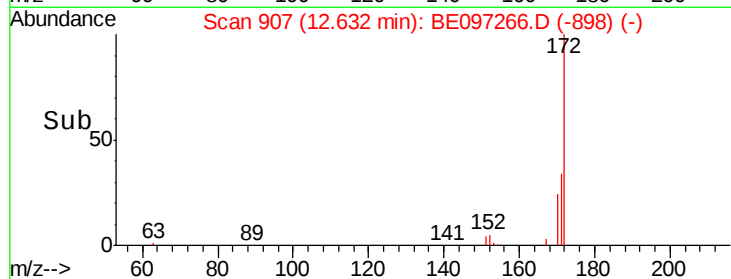
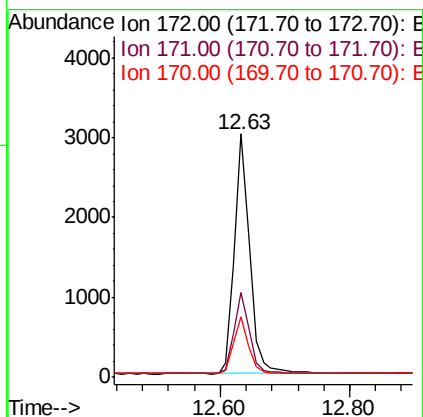
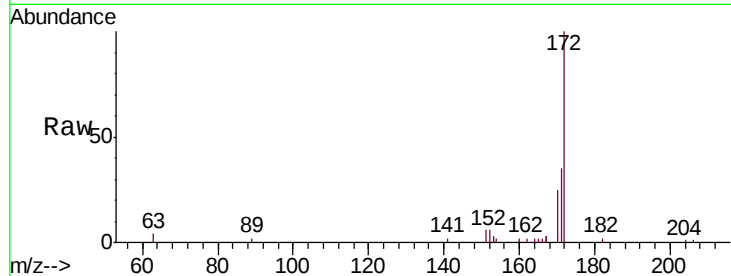




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097266.D
Acq: 10 Aug 2018 17:37

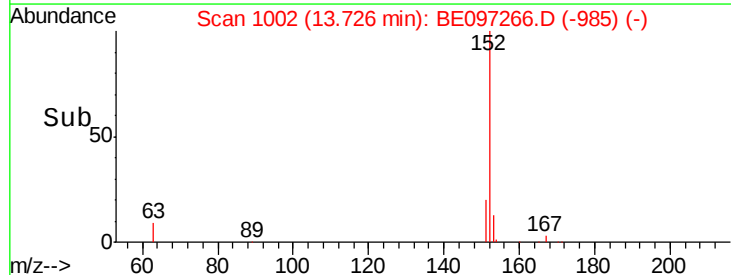
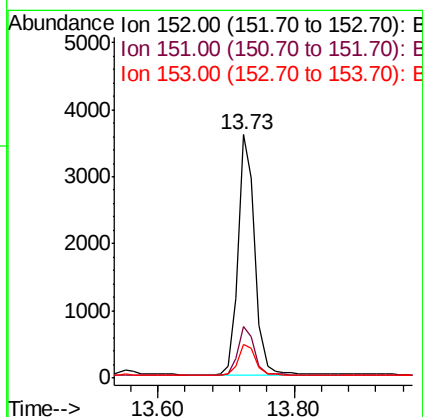
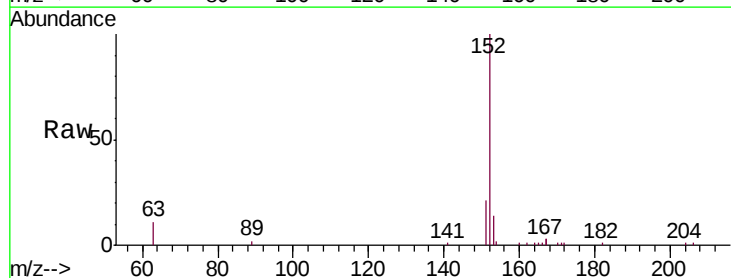
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

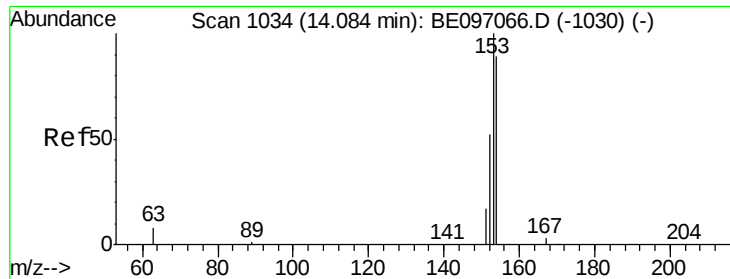
Tgt Ion:172 Resp: 4871
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 24.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.390 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097266.D
Acq: 10 Aug 2018 17:37

Tgt Ion:152 Resp: 6164
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.9 10.5 15.7

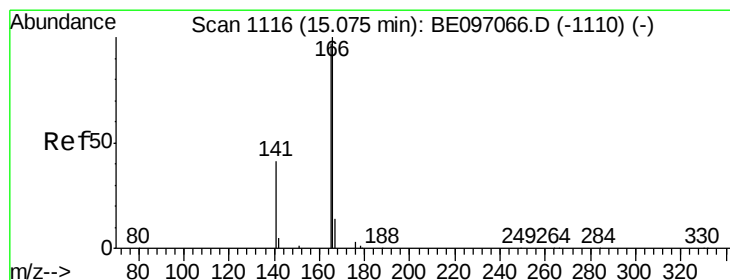
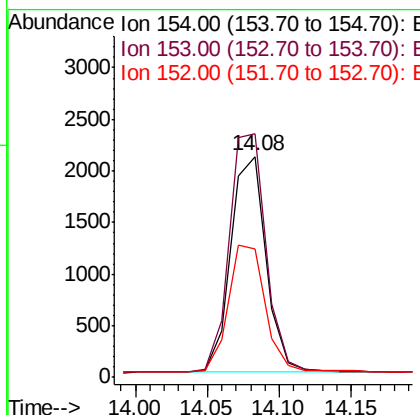
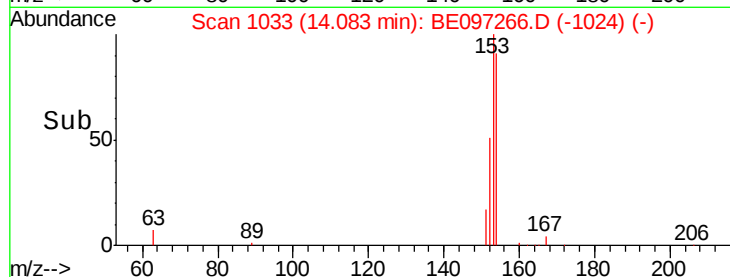
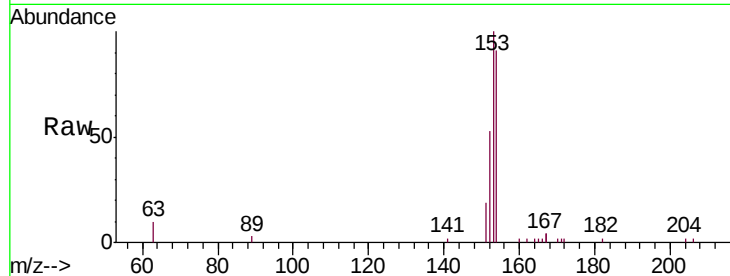




#17
Acenaphthene
Concen: 0.390 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097266.D
Acq: 10 Aug 2018 17:37

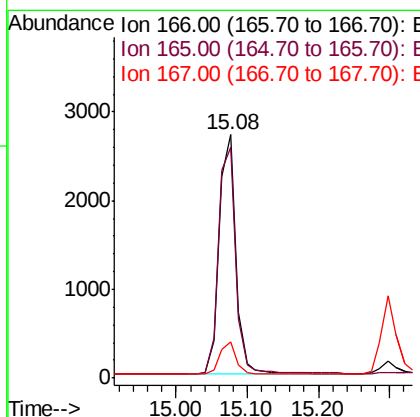
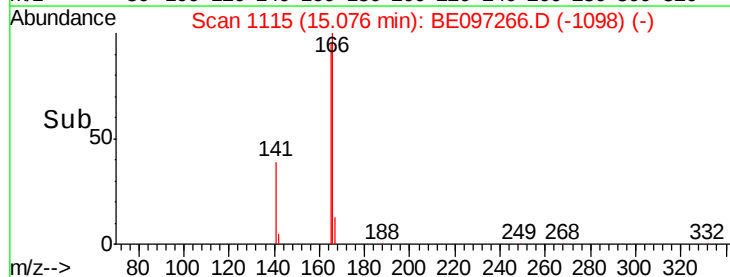
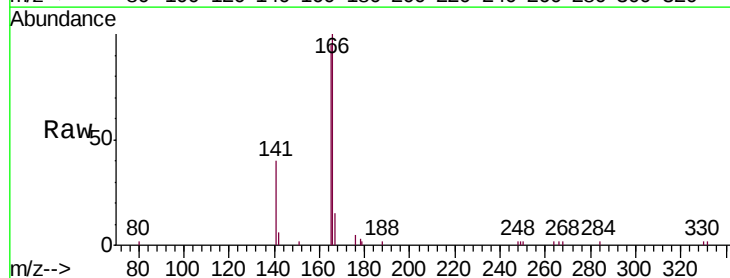
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

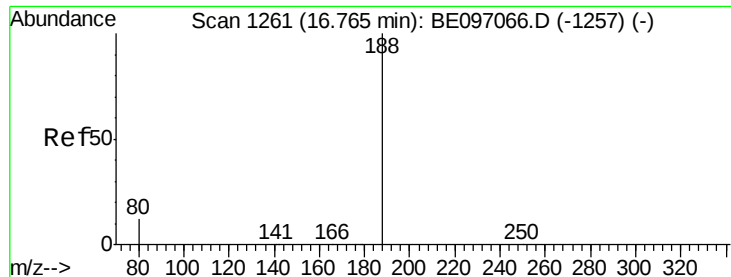
Tgt Ion:154 Resp: 3581
Ion Ratio Lower Upper
154 100
153 114.8 89.2 133.8
152 61.3 42.0 63.0



#18
Fluorene
Concen: 0.362 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097266.D
Acq: 10 Aug 2018 17:37

Tgt Ion:166 Resp: 4401
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.6
167 13.0 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

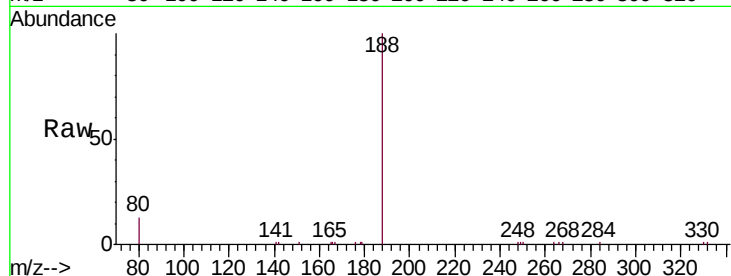
Tgt Ion:188 Resp: 7842

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

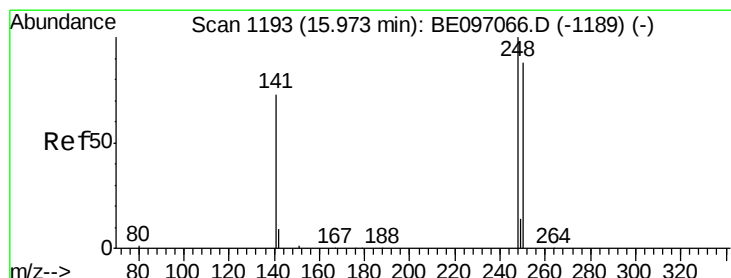
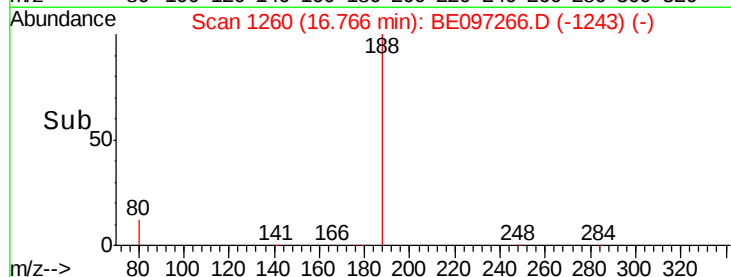
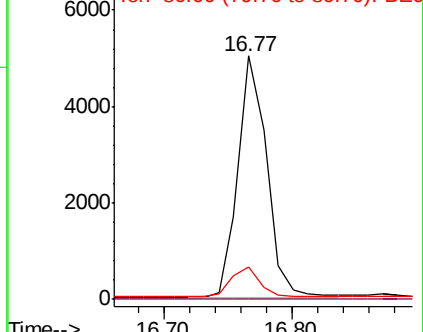
80 13.3 3.6 5.4#



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: 0.402 ng

RT: 15.97 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

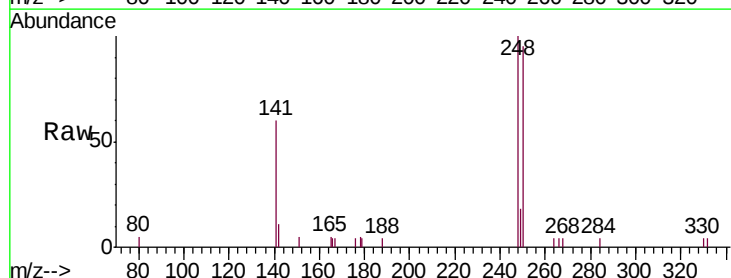
Tgt Ion:248 Resp: 1533

Ion Ratio Lower Upper

248 100

250 95.1 62.7 94.1#

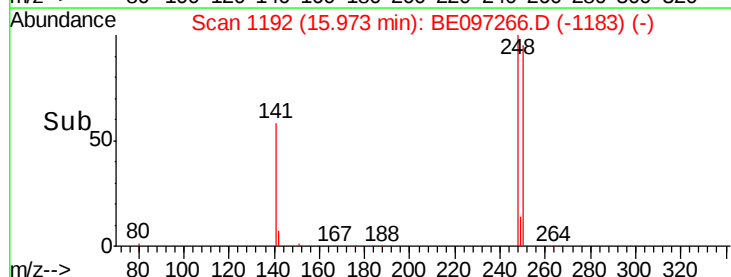
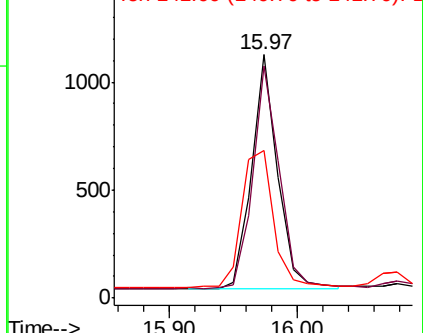
141 60.4 48.2 72.2

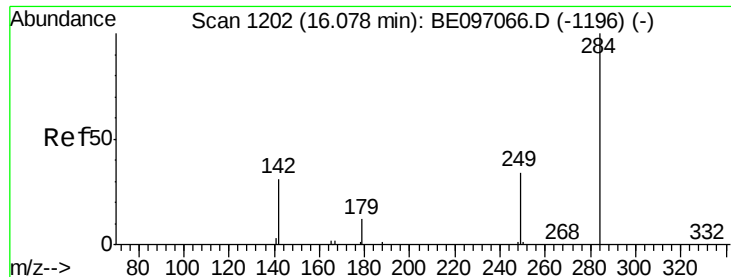


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.08 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

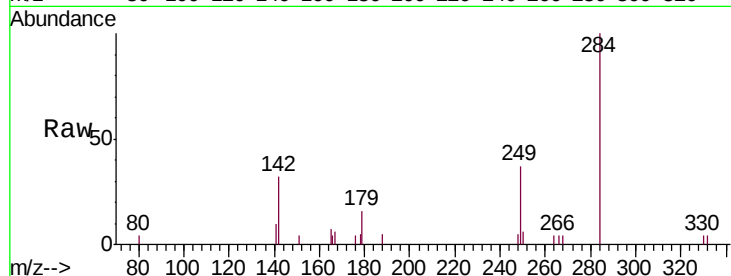
Tgt Ion: 284 Resp: 1710

Ion Ratio Lower Upper

284 100

142 33.3 22.1 33.1#

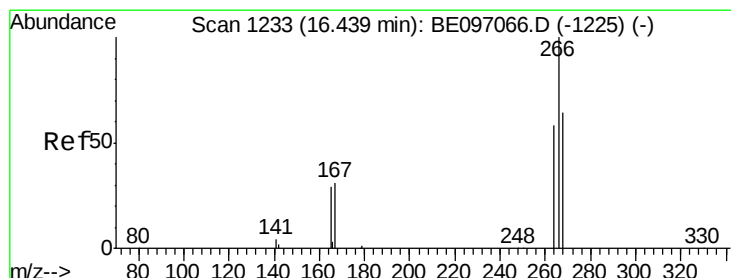
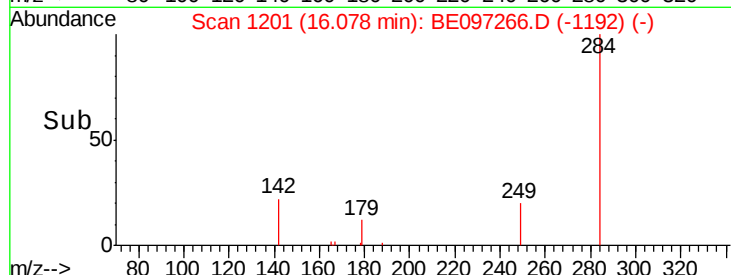
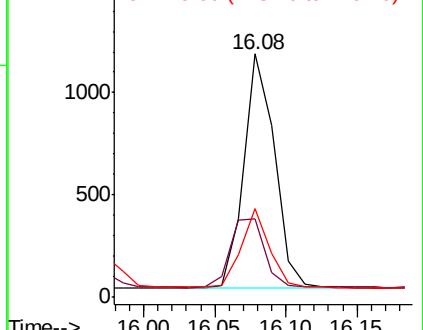
249 30.9 34.8 52.2#



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: 0.445 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

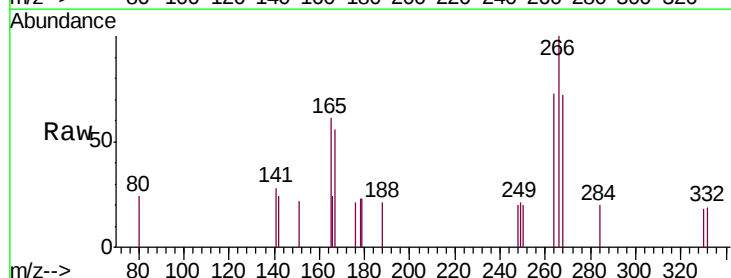
Tgt Ion: 266 Resp: 431

Ion Ratio Lower Upper

266 100

264 73.4 72.5 108.7

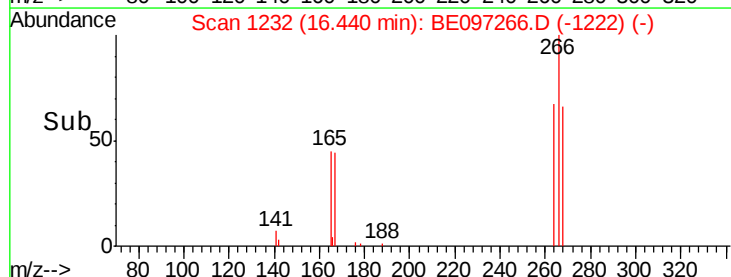
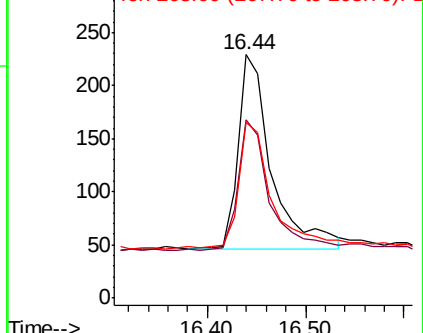
268 72.5 73.8 110.6#

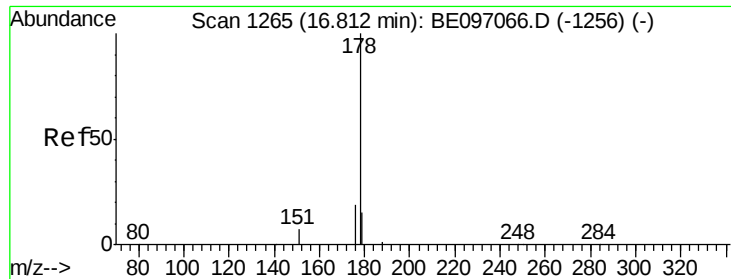


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

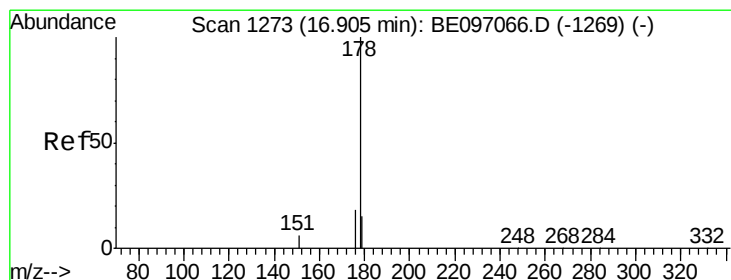
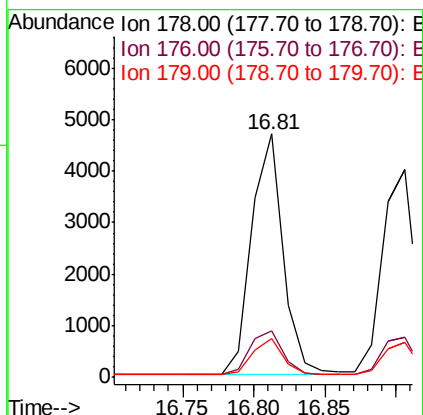
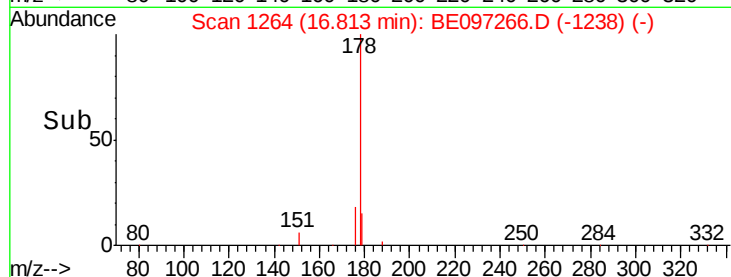
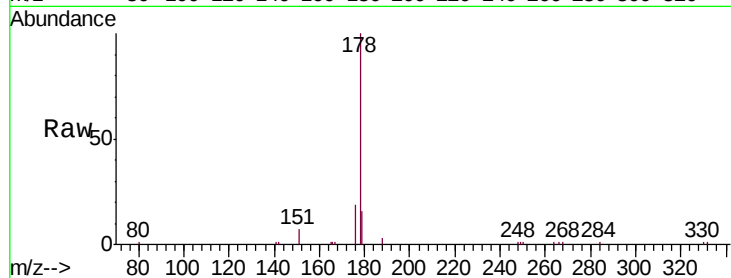
Tgt Ion:178 Resp: 7184

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 15.3 11.8 17.6



#24

Anthracene

Concen: 0.392 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

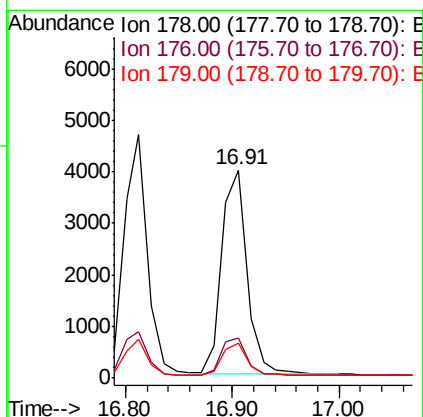
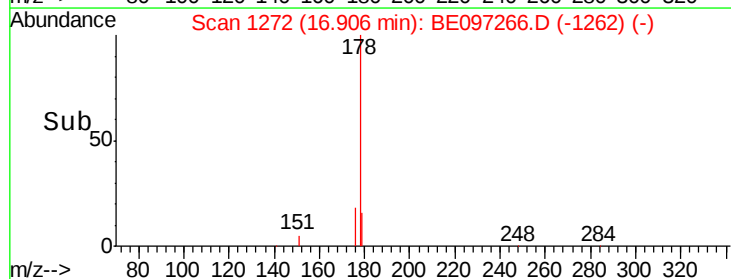
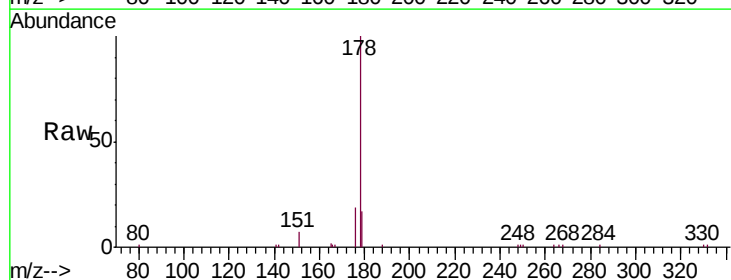
Tgt Ion:178 Resp: 6548

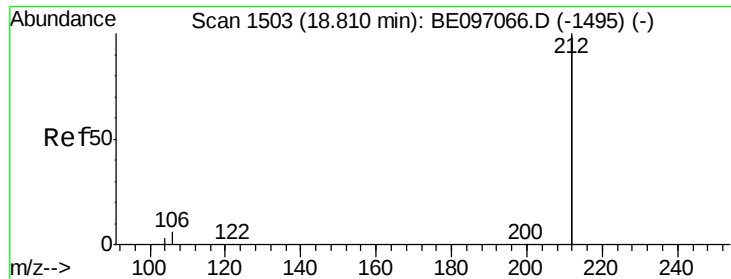
Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

179 15.5 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

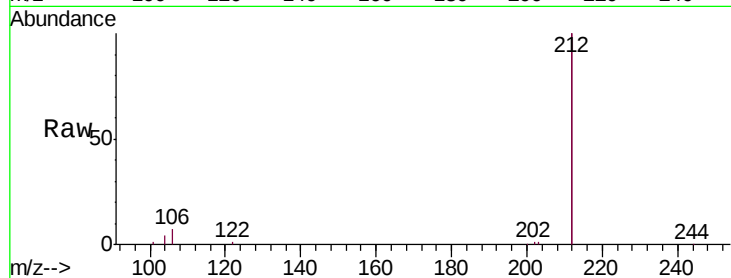
Tgt Ion:212 Resp: 29994

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

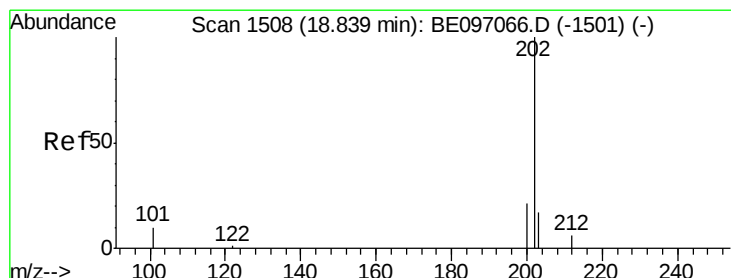
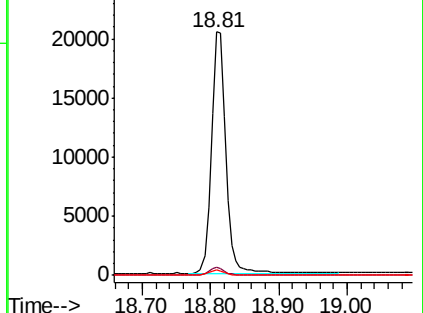
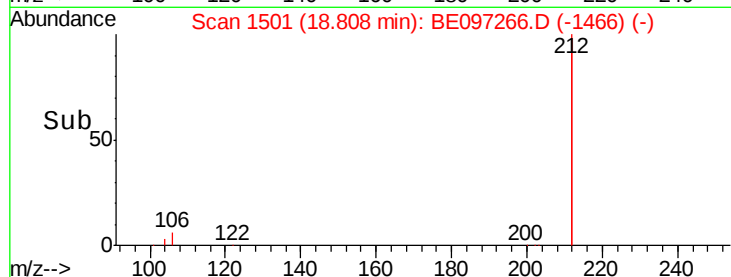
104 1.7 1.6 2.4



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: 0.379 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

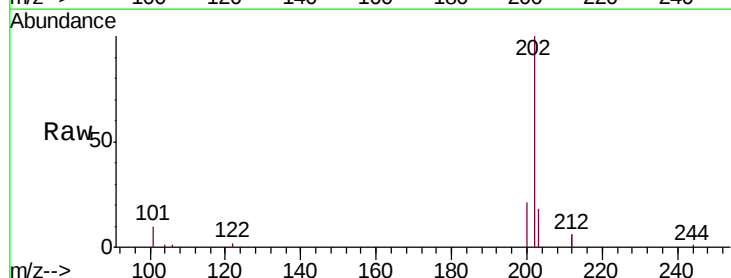
Tgt Ion:202 Resp: 7955

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

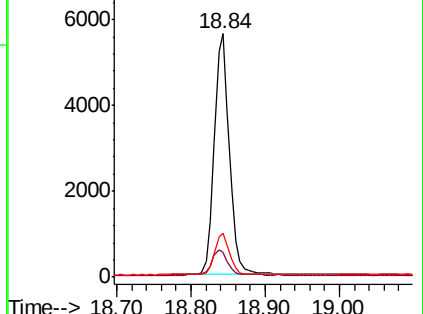
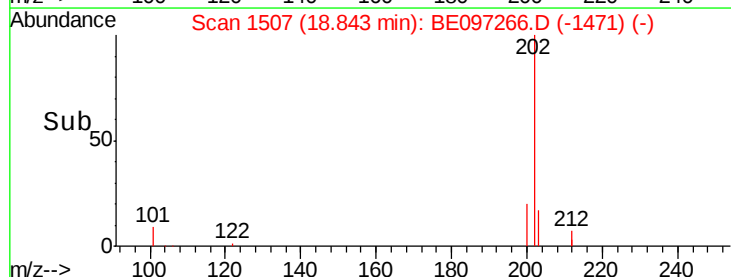
203 16.8 13.7 20.5

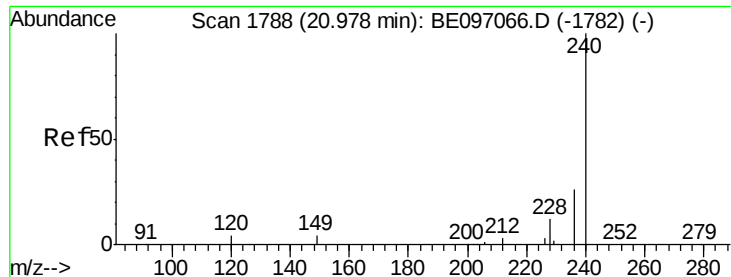


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

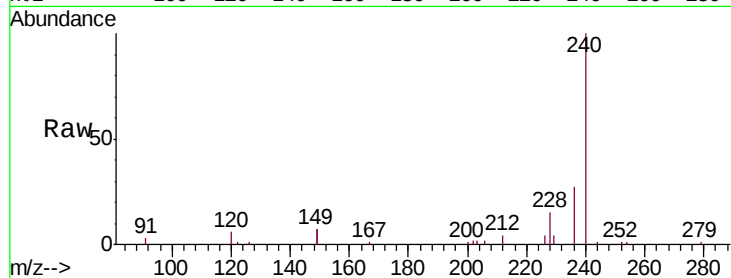
Tgt Ion:240 Resp: 8010

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

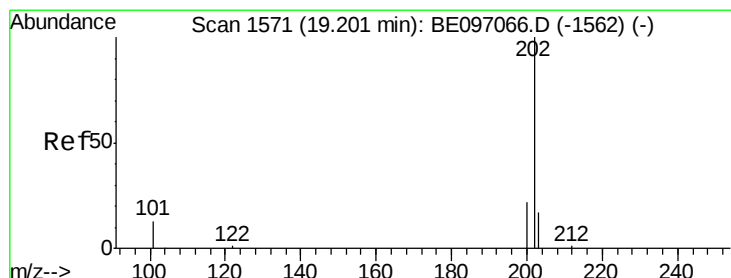
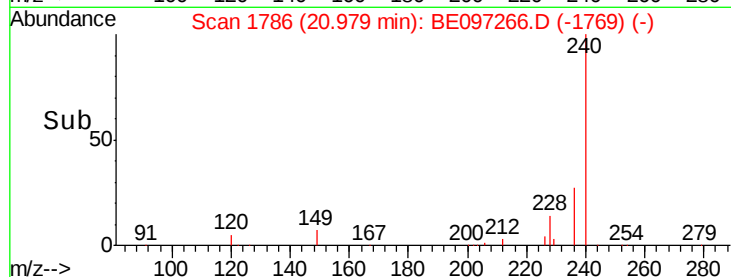
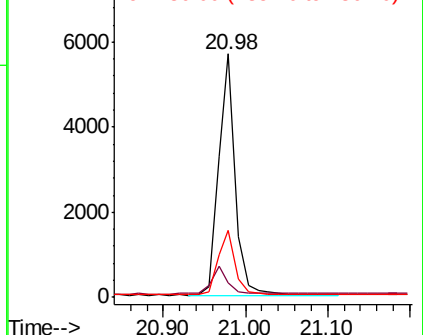
236 27.3 20.7 31.1



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: 0.366 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

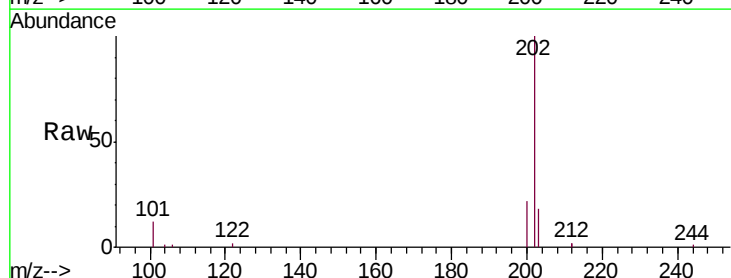
Tgt Ion:202 Resp: 8048

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

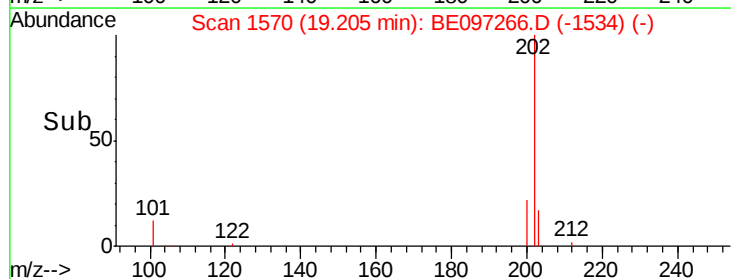
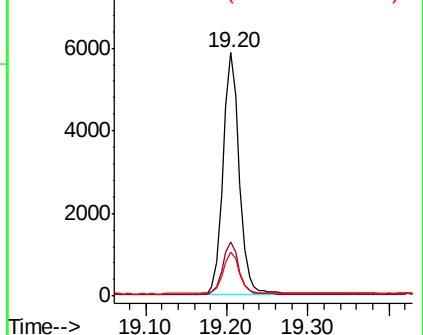
203 17.4 13.8 20.8

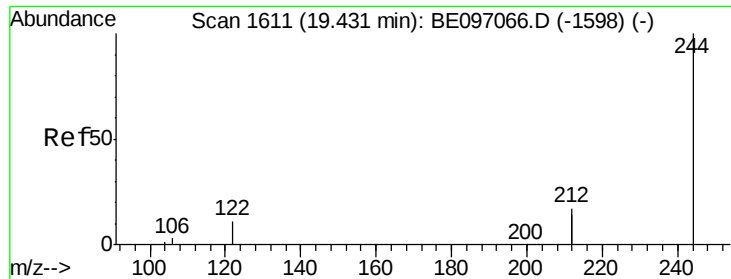


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.370 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

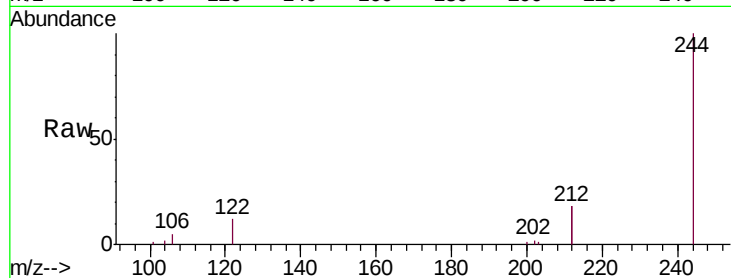
Tgt Ion:244 Resp: 5692

Ion Ratio Lower Upper

244 100

212 35.1 25.4 38.0

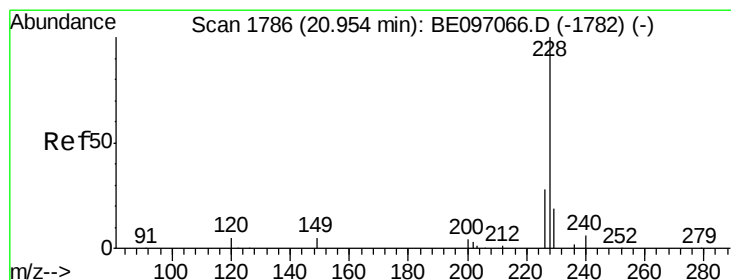
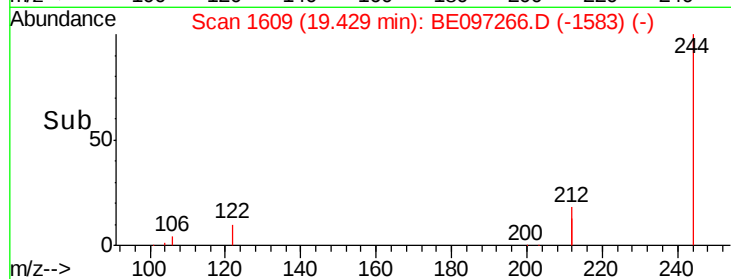
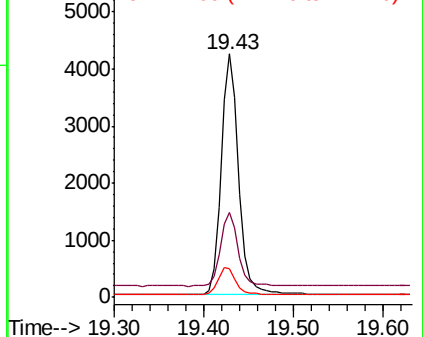
122 11.5 8.1 12.1



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: 0.422 ng

RT: 20.96 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

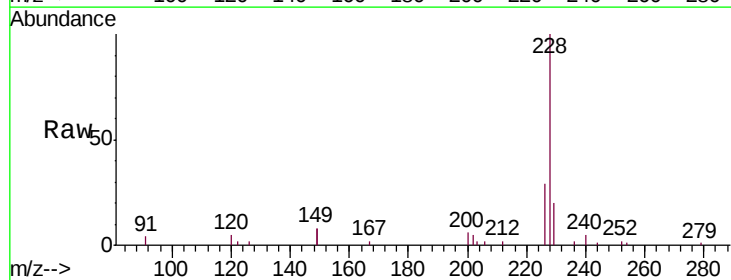
Tgt Ion:228 Resp: 8409

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

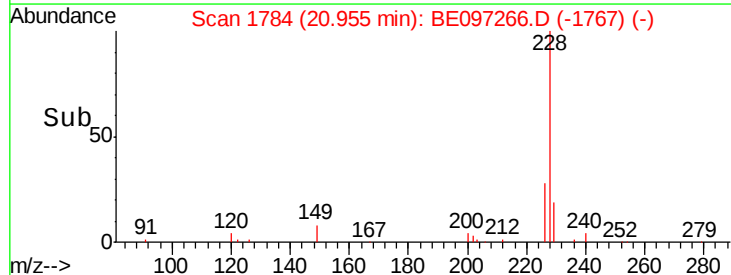
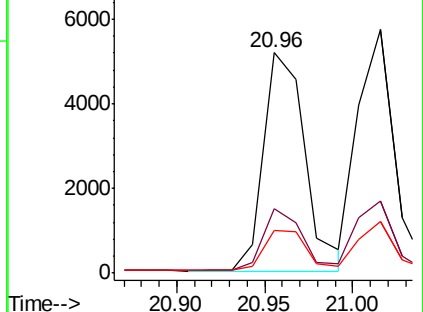
229 19.6 16.0 24.0

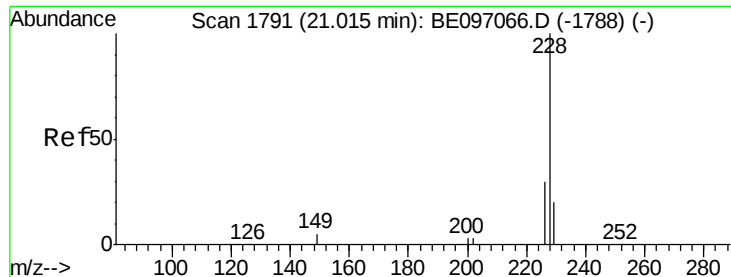


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.380 ng

RT: 21.02 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

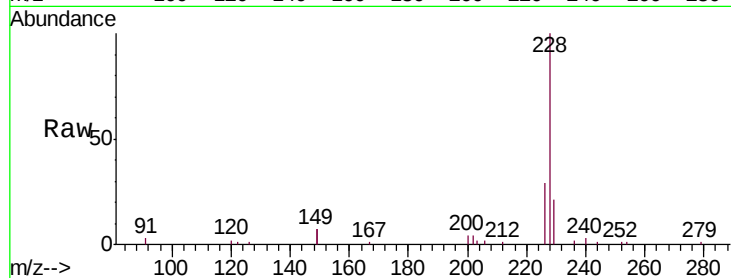
Tgt Ion:228 Resp: 8127

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 21.0 16.0 24.0

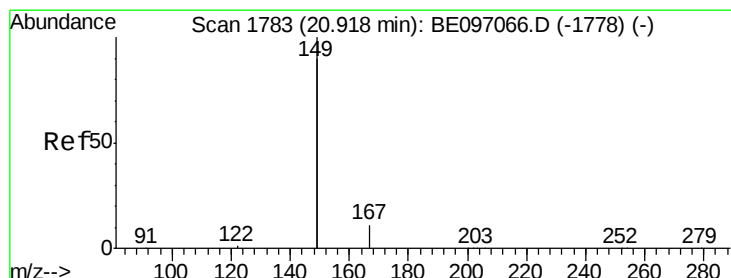
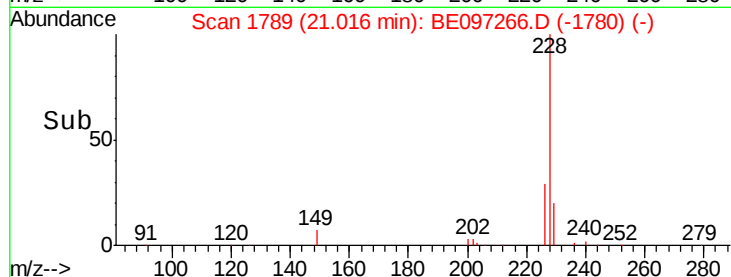
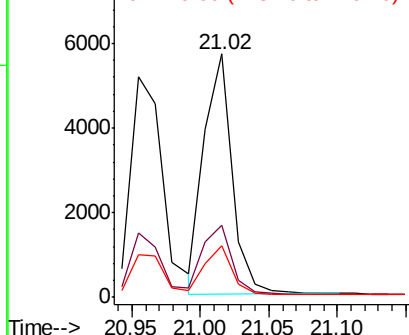


Abundance

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: 0.678 ng

RT: 20.92 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

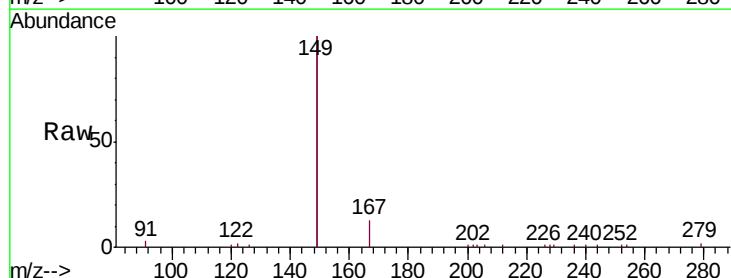
Tgt Ion:149 Resp: 14788

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 1.0 0.7 1.1

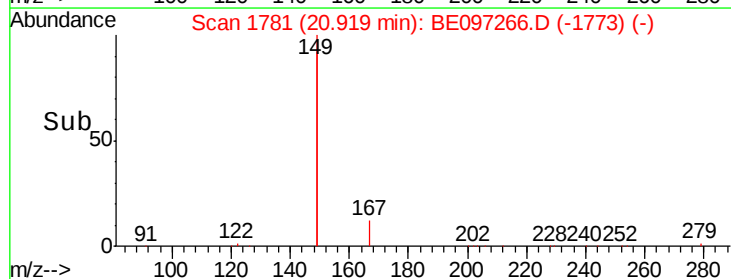
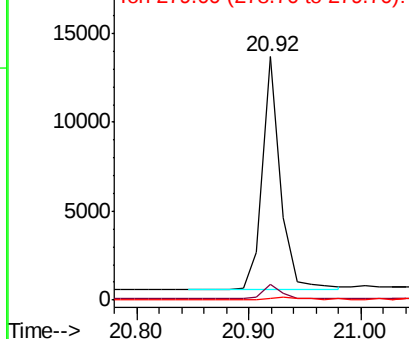


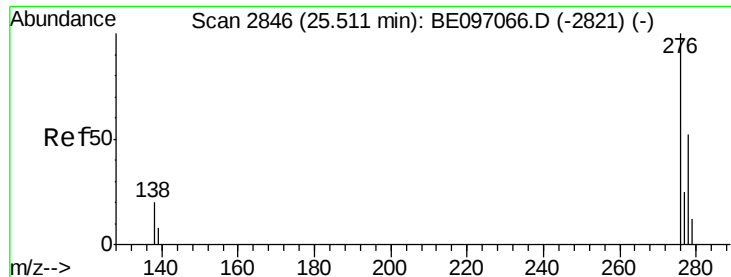
Abundance

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: 0.512 ng

RT: 25.53 min Scan# 2848

Delta R.T. 0.02 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

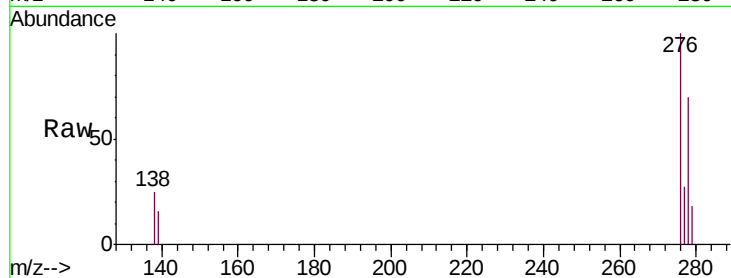
Tgt Ion:276 Resp: 9898

Ion Ratio Lower Upper

276 100

138 21.6 22.5 33.7#

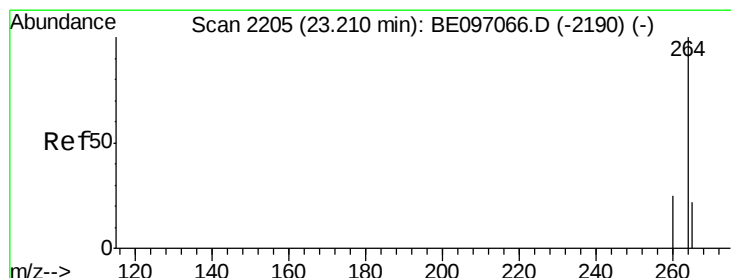
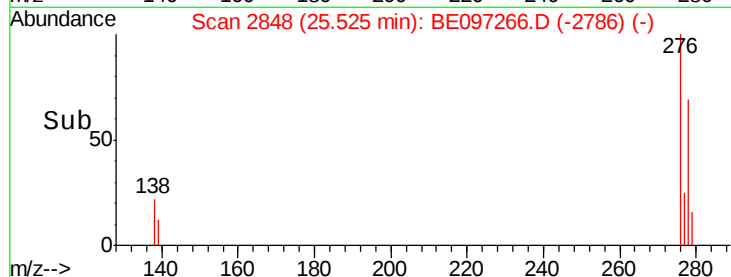
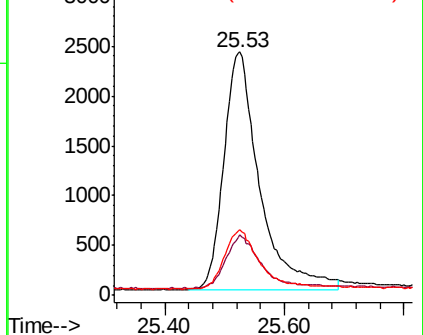
277 24.7 19.9 29.9



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: 23.22 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

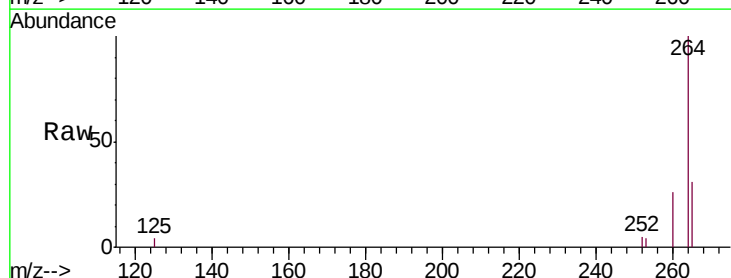
Tgt Ion:264 Resp: 8293

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

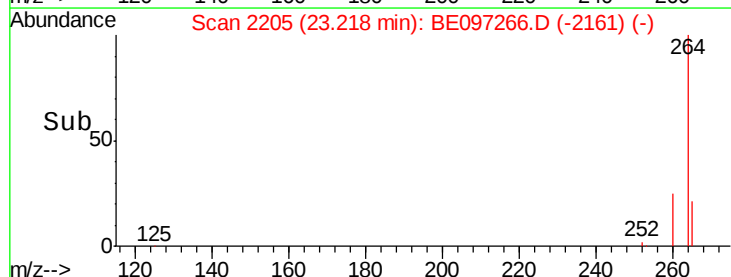
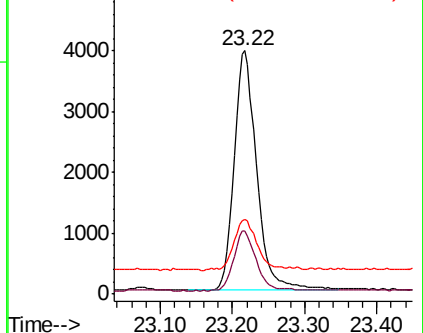
265 30.8 22.8 34.2

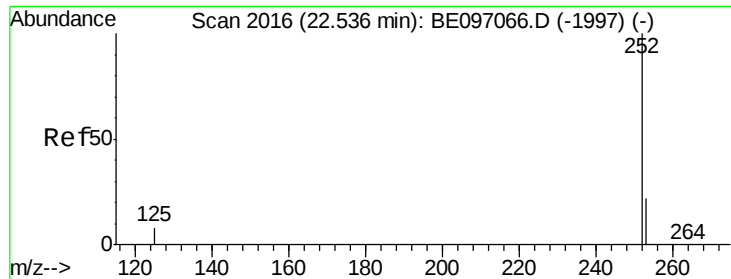


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.363 ng

RT: 22.54 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

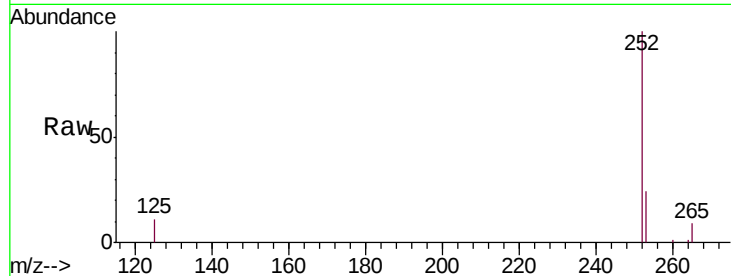
Tgt Ion:252 Resp: 7639

Ion Ratio Lower Upper

252 100

253 24.5 20.0 30.0

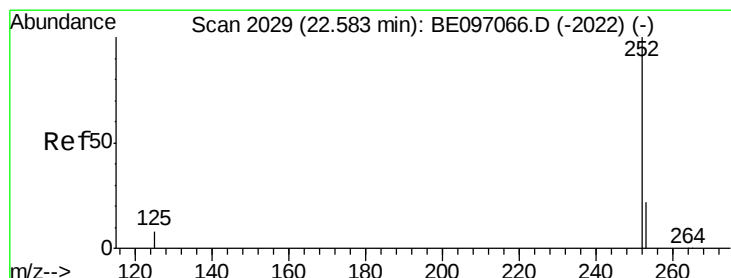
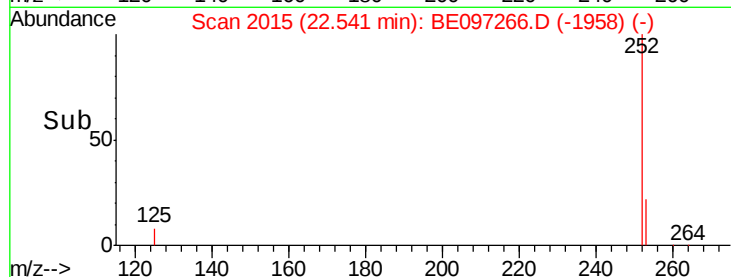
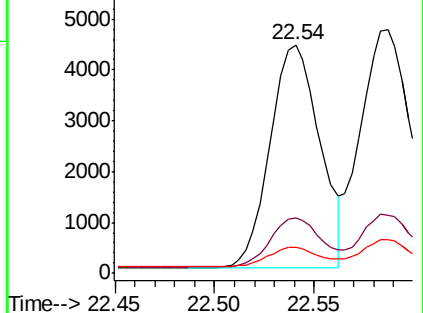
125 11.2 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.356 ng

RT: 22.59 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

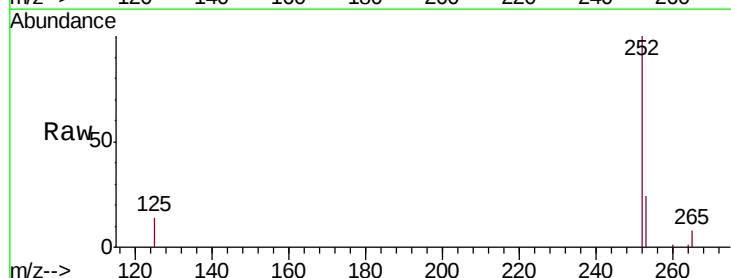
Tgt Ion:252 Resp: 8743

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

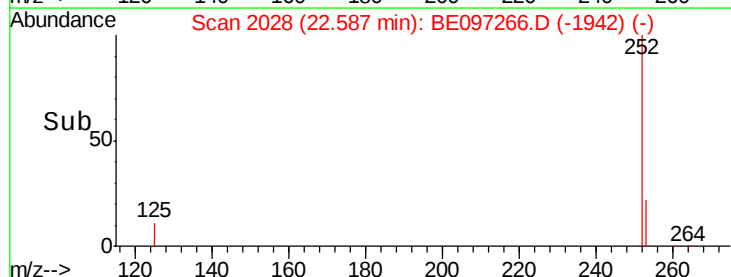
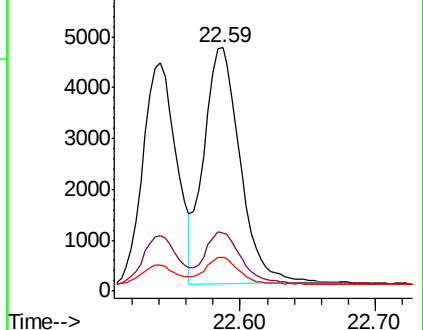
125 13.8 8.0 12.0#

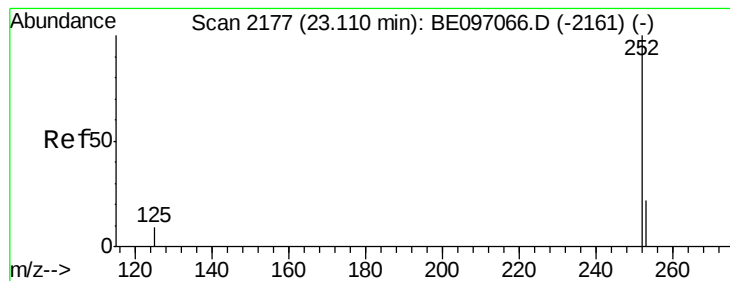


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.12 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

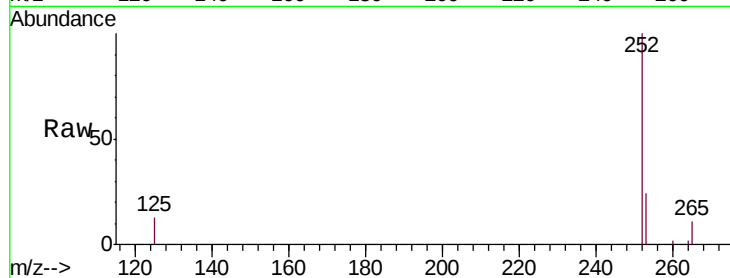
Tgt Ion:252 Resp: 7825

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

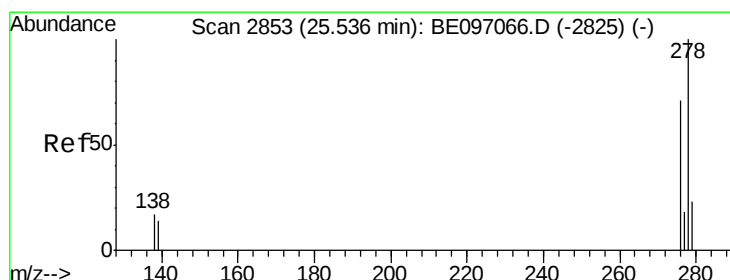
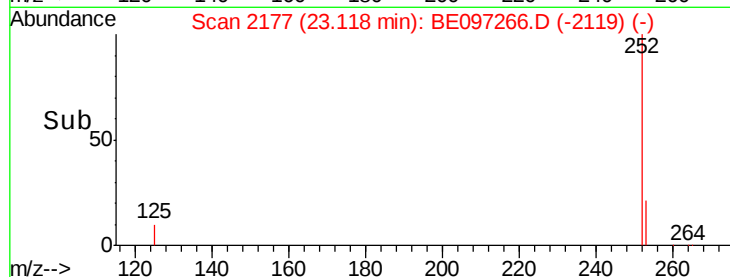
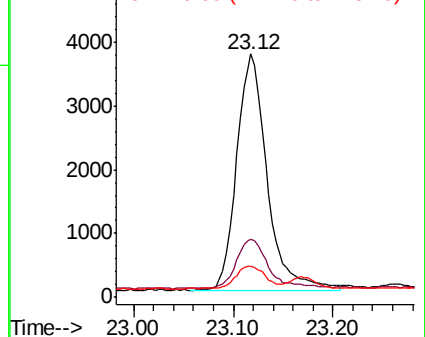
125 13.0 12.0 18.0



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: 0.423 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

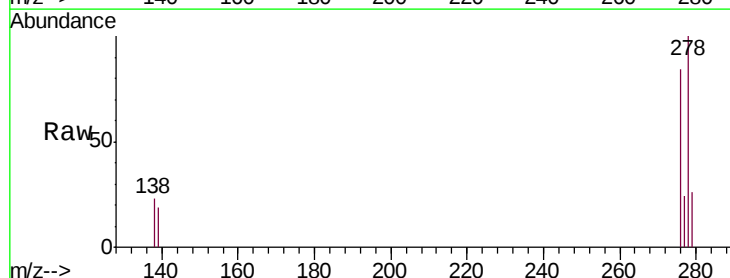
Tgt Ion:278 Resp: 8369

Ion Ratio Lower Upper

278 100

139 19.3 16.0 24.0

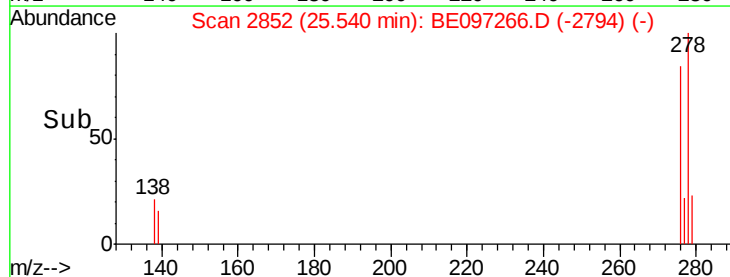
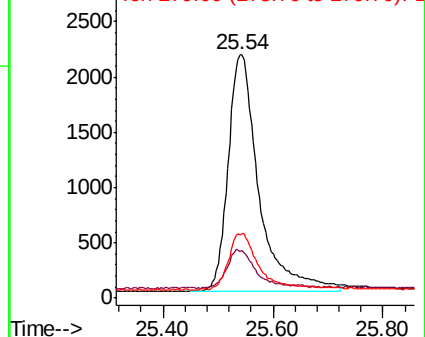
279 26.2 20.0 30.0

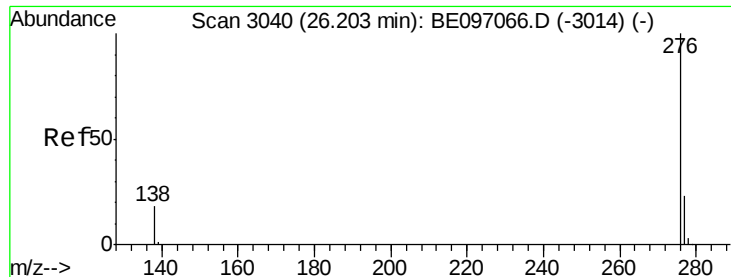


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.385 ng

RT: 26.22 min Scan# 3042

Delta R.T. 0.01 min

Lab File: BE097266.D

Acq: 10 Aug 2018 17:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

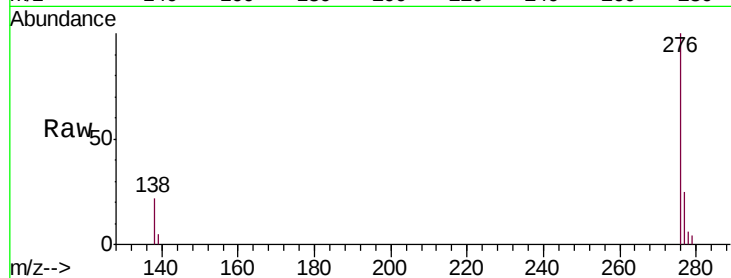
Tgt Ion: 276 Resp: 8078

Ion Ratio Lower Upper

276 100

277 25.4 16.0 24.0#

138 21.5 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

