

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097570.D
 Acq On : 20 Sep 2018 10:13
 Operator : SJ/JU
 Sample : PB112778BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 20 11:03:41 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	1153	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4836	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2356	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	5498	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7564	0.40	ng	0.00
34) Perylene-d12	23.21	264	7645	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	1384	0.40	ng	0.01
5) Phenol-d6	6.62	99	1568	0.35	ng	0.01
8) Nitrobenzene-d5	8.53	82	1447	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3680	0.55	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	270	0.33	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	3895	0.47	ng	0.00
25) Fluoranthene-d10	18.80	212	26827	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	4895	0.35	ng	0.00

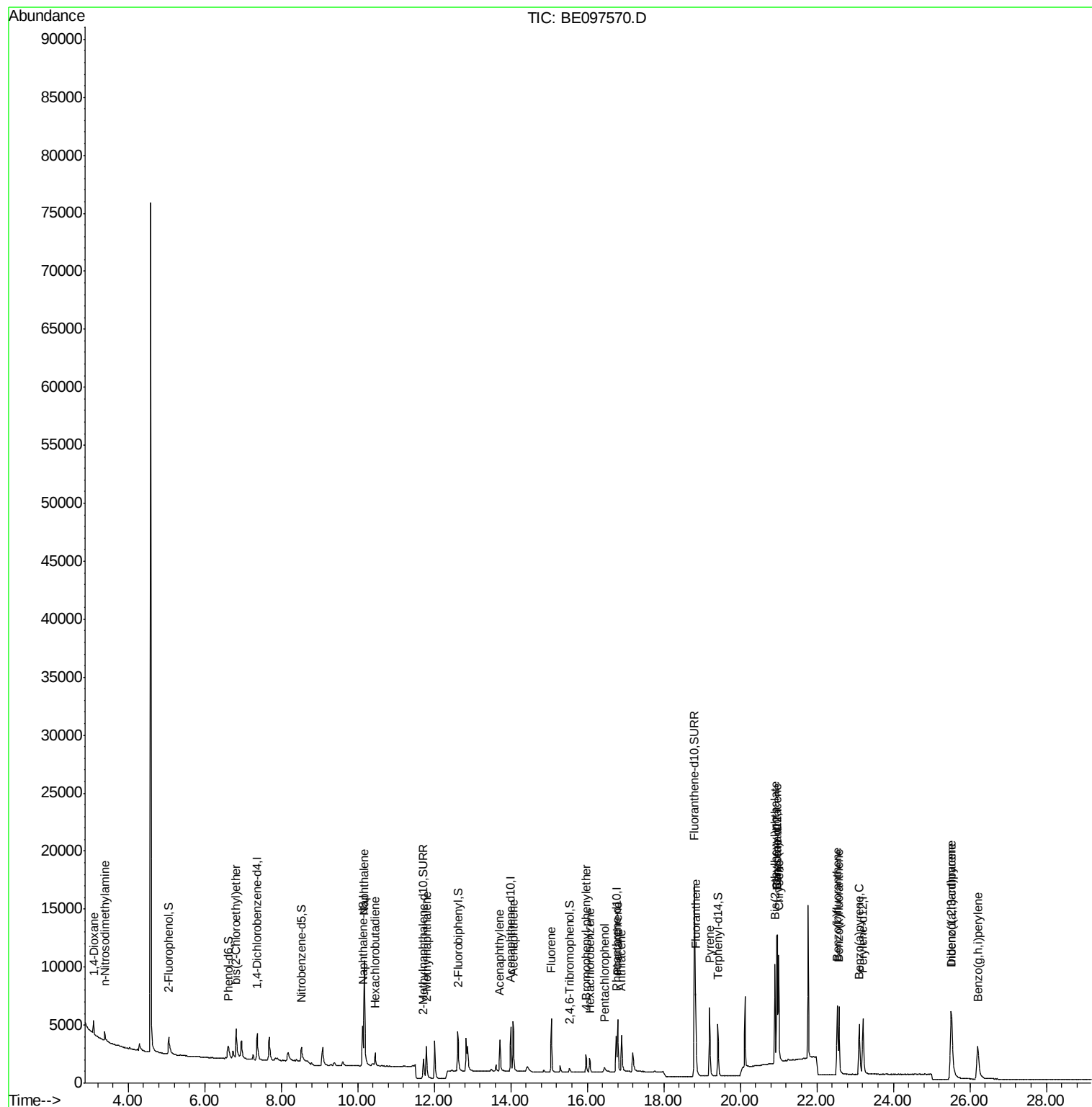
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	684	0.341	ng	96
3) n-Nitrosodimethylamine	3.38	42	681	0.406	ng	# 96
6) bis(2-Chloroethyl)ether	6.82	93	1346	0.329	ng	78
9) Naphthalene	10.17	128	18088	0.415	ng	100
10) Hexachlorobutadiene	10.46	225	748	0.373	ng	98
12) 2-Methylnaphthalene	11.80	142	2718	0.400	ng	98
16) Acenaphthylene	13.71	152	3624	0.389	ng	99
17) Acenaphthene	14.06	154	2435	0.390	ng	96
18) Fluorene	15.06	166	3073	0.378	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	938	0.378	ng	# 81
21) Hexachlorobenzene	16.07	284	1136	0.417	ng	# 84
22) Pentachlorophenol	16.45	266	450	0.498	ng	# 80
23) Phenanthrene	16.80	178	5103	0.391	ng	99
24) Anthracene	16.89	178	4429	0.384	ng	95
26) Fluoranthene	18.83	202	6439	0.356	ng	99
28) Pyrene	19.20	202	6570	0.382	ng	100
30) Benzo(a)anthracene	20.95	228	7638	0.401	ng	96
31) Chrysene	21.00	228	8177	0.400	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	9706	0.314	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	9959	0.405	ng	# 91
35) Benzo(b)fluoranthene	22.53	252	8291	0.423	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9036	0.404	ng	93
37) Benzo(a)pyrene	23.11	252	8020	0.421	ng	# 91
38) Dibenzo(a,h)anthracene	25.53	278	8347	0.406	ng	96
39) Benzo(g,h,i)perylene	26.21	276	8426	0.422	ng	# 88

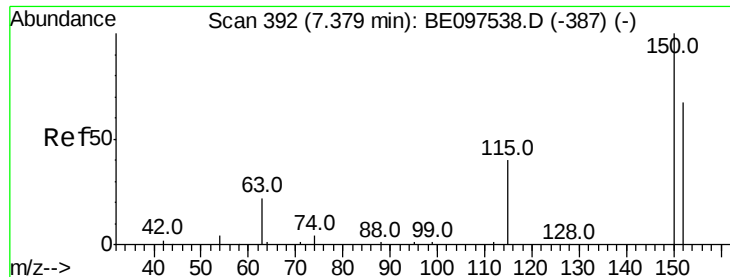
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097570.D
Acq On : 20 Sep 2018 10:13
Operator : SJ/JU
Sample : PB112778BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 20 11:03:41 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



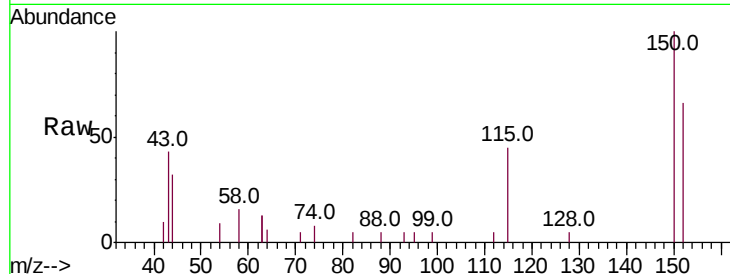


#1

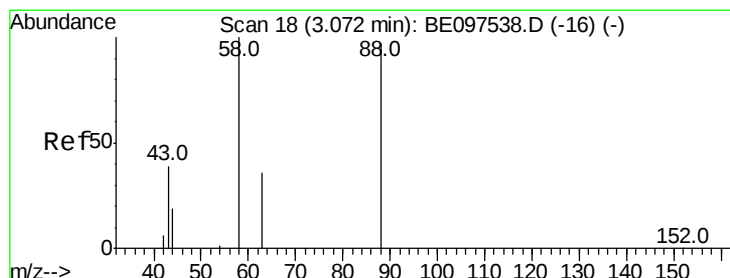
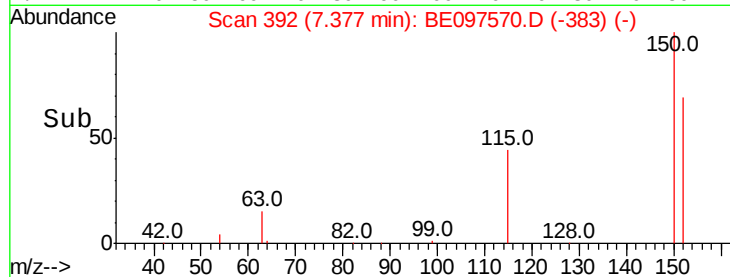
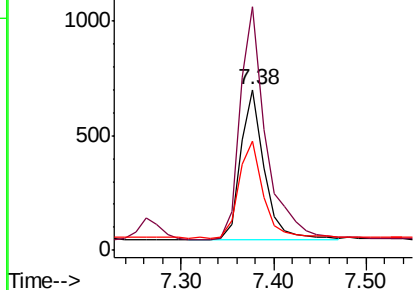
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097570.D
Acq: 20 Sep 2018 10:13

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1153
Ion Ratio Lower Upper
152 100
150 151.6 117.2 175.8
115 67.6 57.0 85.6



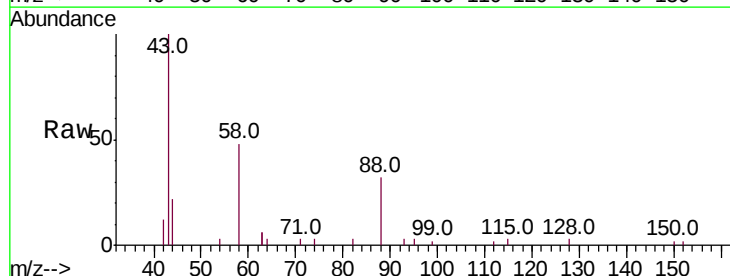
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



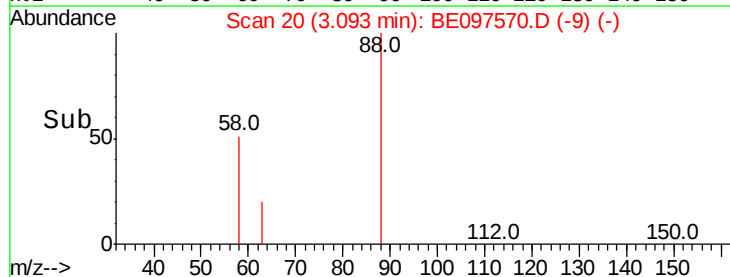
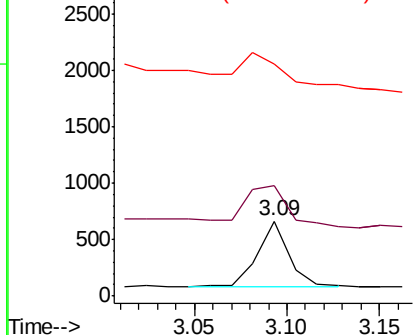
#2

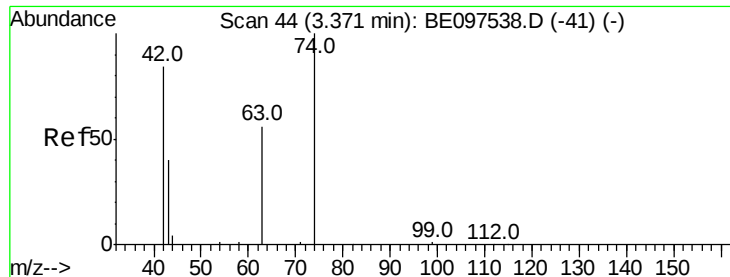
1,4-Dioxane
Concen: 0.341 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.02 min
Lab File: BE097570.D
Acq: 20 Sep 2018 10:13

Tgt Ion: 88 Resp: 684
Ion Ratio Lower Upper
88 100
58 85.2 63.2 94.8
43 51.3 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: 0.406 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

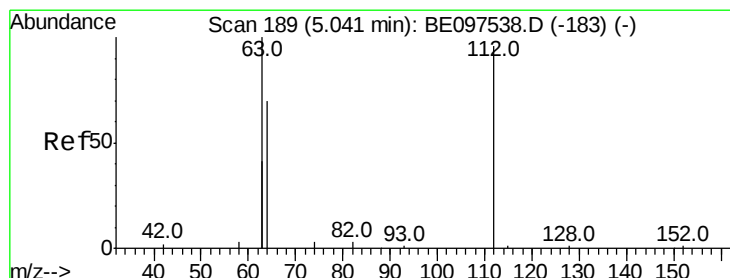
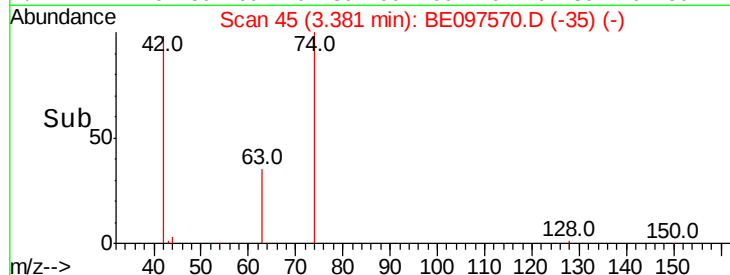
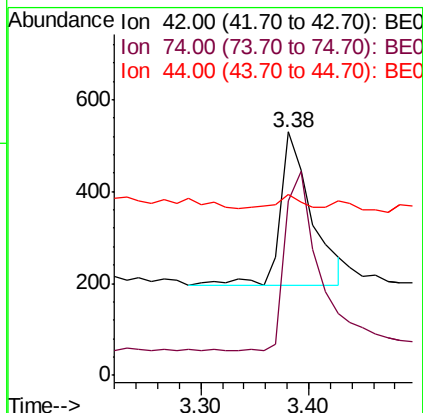
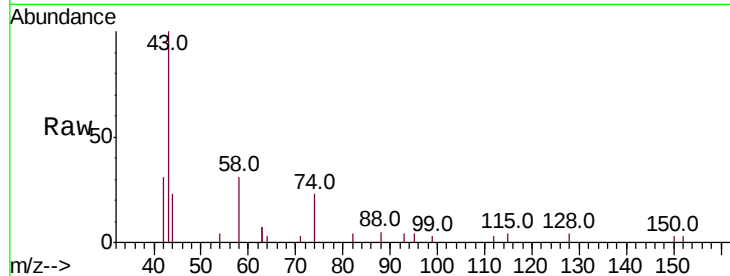
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 42 Resp: 681

Ion	Ratio	Lower	Upper
42	100		
74	118.1	96.0	144.0
44	6.8	12.0	18.0



#4

2-Fluorophenol

Concen: 0.401 ng

RT: 5.06 min Scan# 191

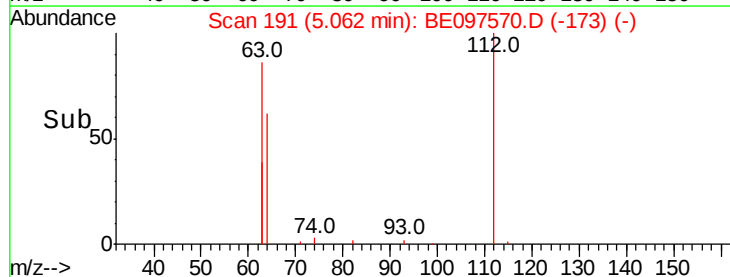
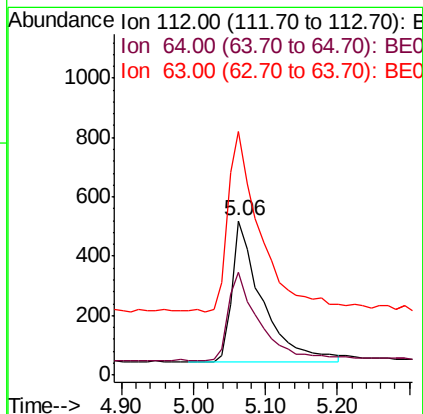
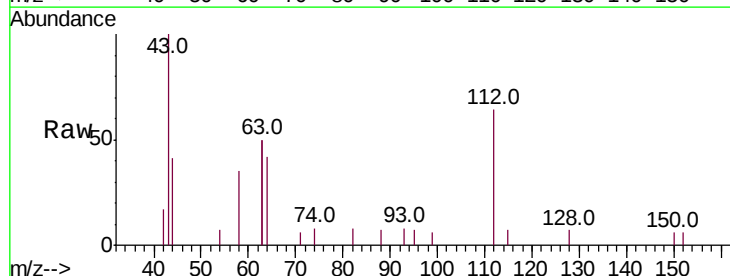
Delta R.T. 0.01 min

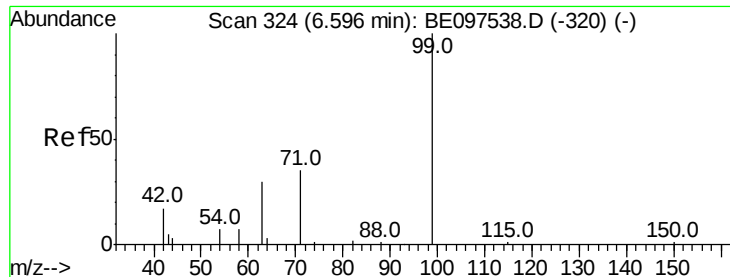
Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Tgt Ion: 112 Resp: 1384

Ion	Ratio	Lower	Upper
112	100		
64	63.6	60.1	90.1
63	135.0	116.8	175.2





#5

Phenol-d6

Concen: 0.355 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

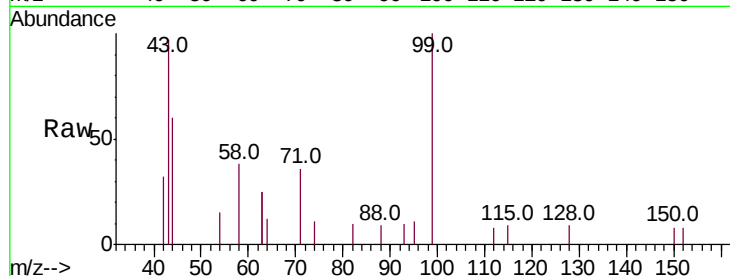
Tot Ion: 99 Resp: 1568

Ion Ratio Lower Upper

99 100

42 21.9 20.2 30.2

71 34.1 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

6.62

600

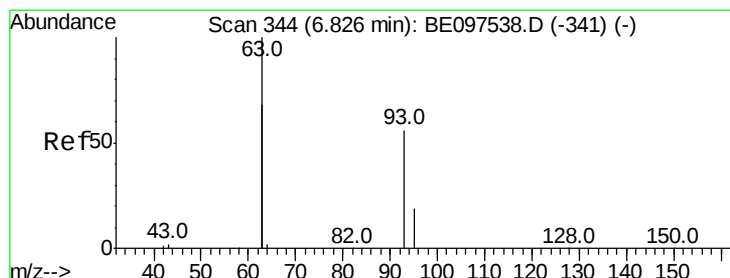
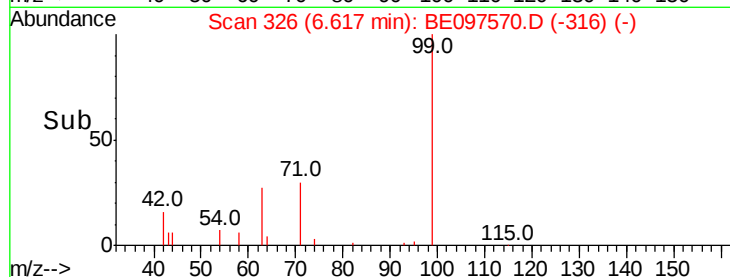
400

200

0

6.50 6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.329 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

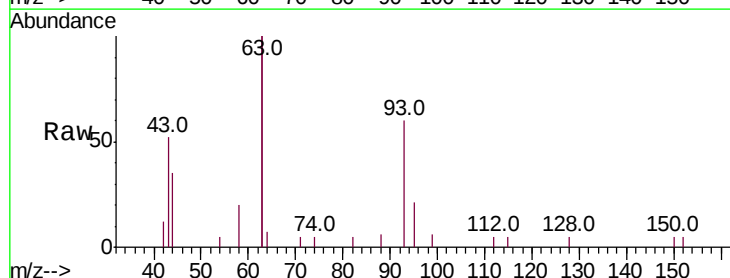
Tgt Ion: 93 Resp: 1346

Ion Ratio Lower Upper

93 100

63 292.7 275.3 412.9

95 34.2 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

2500

2000

1500

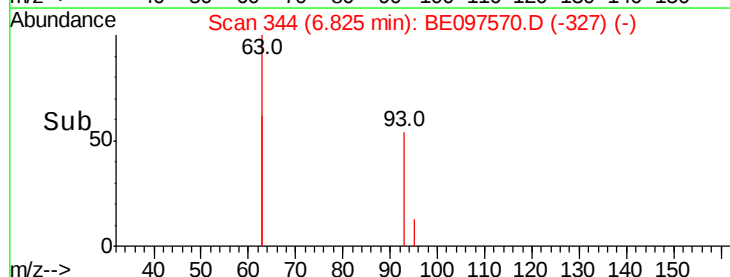
1000

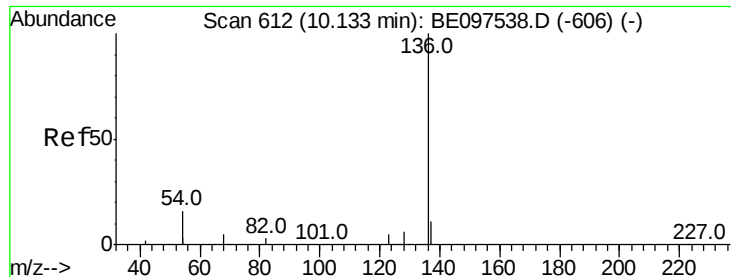
500

0

6.80 6.82 6.84 6.86 6.88 6.90 6.92 6.94 6.96 6.98 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4836

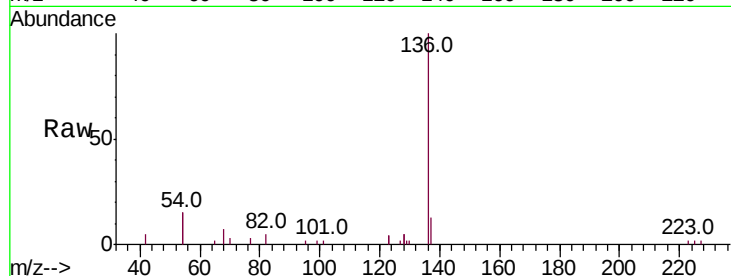
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 30.8 29.1 43.7

68 6.5 6.2 9.2

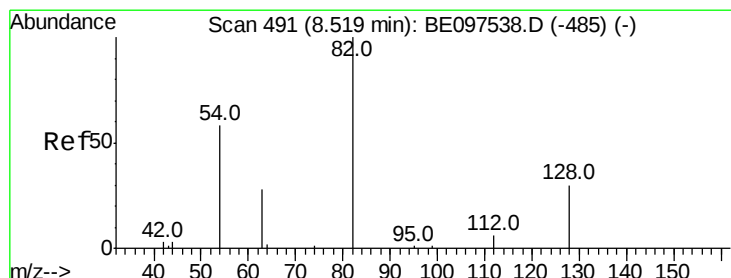
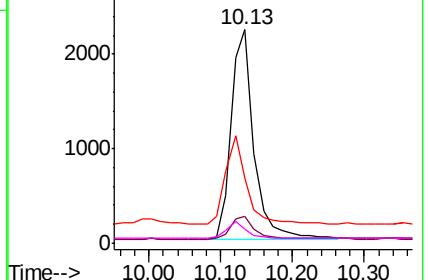
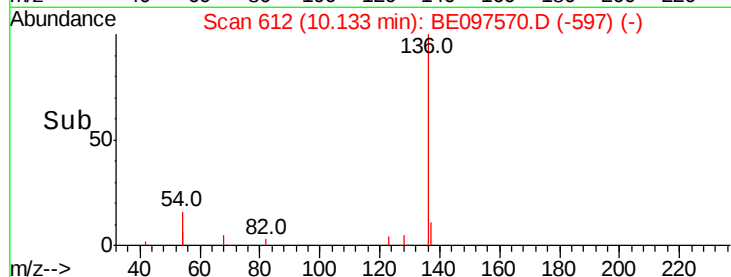


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

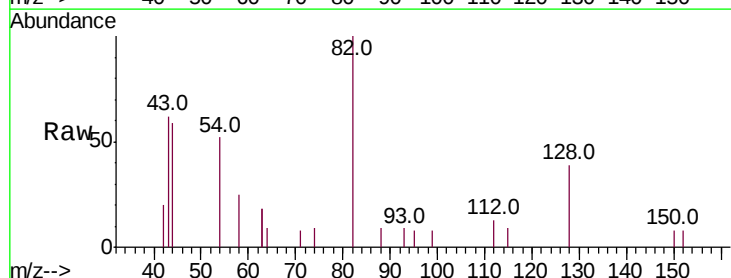
Tgt Ion: 82 Resp: 1447

Ion Ratio Lower Upper

82 100

128 39.5 24.0 36.0#

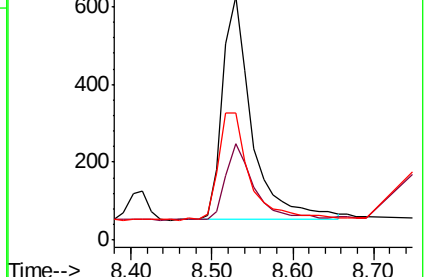
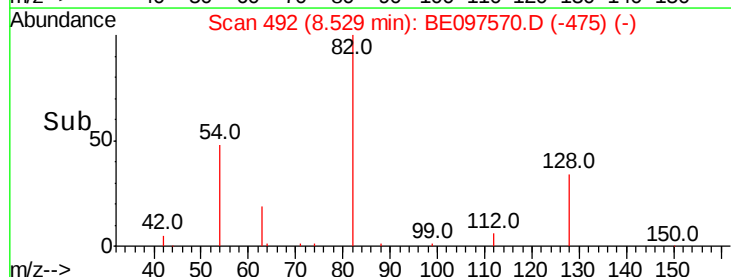
54 51.9 40.0 60.0

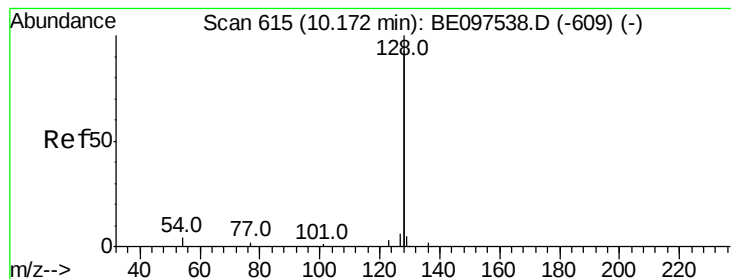


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.415 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

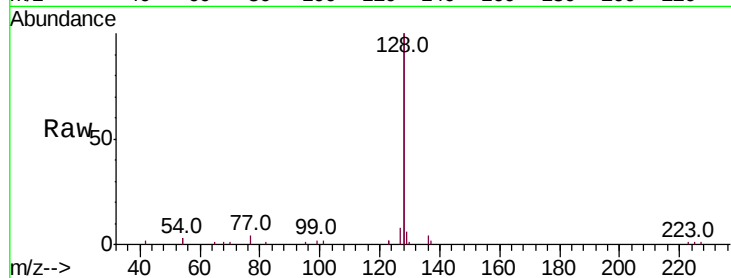
Tot Ion:128 Resp: 18088

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

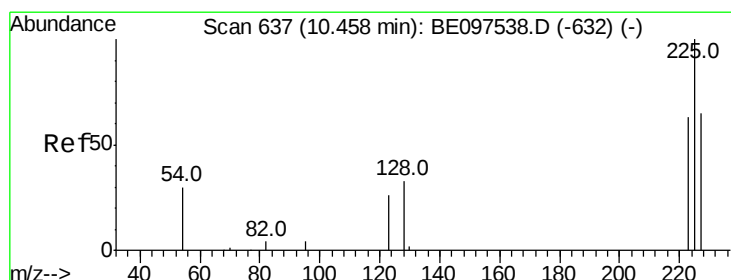
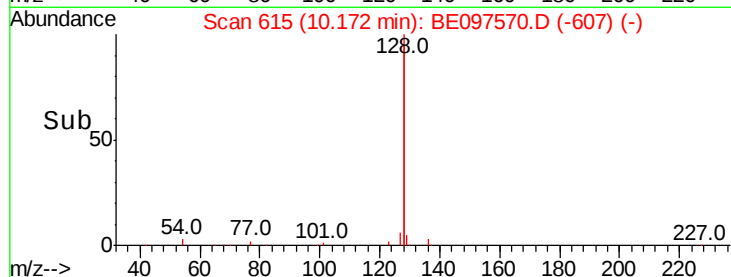
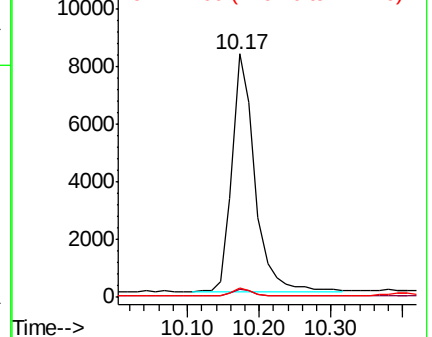
127 3.8 2.8 4.2



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: 0.373 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

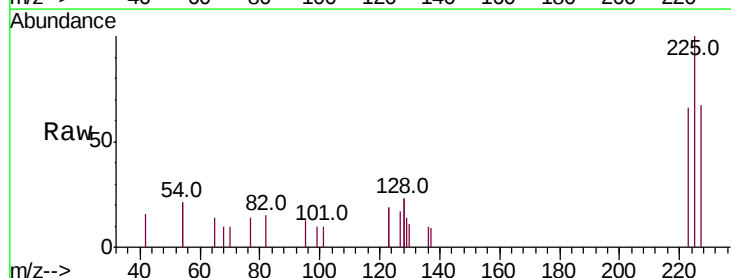
Tgt Ion:225 Resp: 748

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

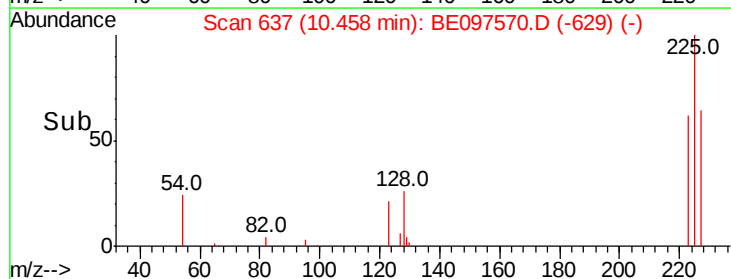
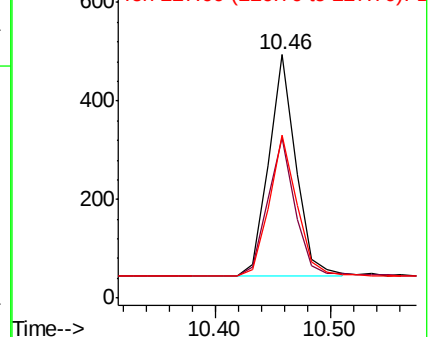
227 64.6 51.4 77.2

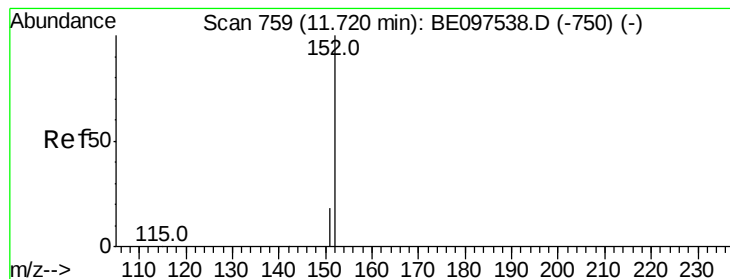


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.552 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

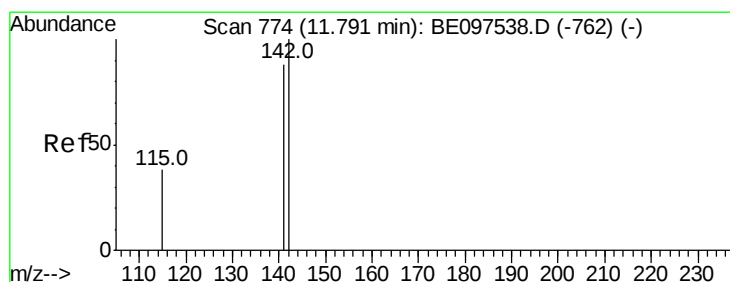
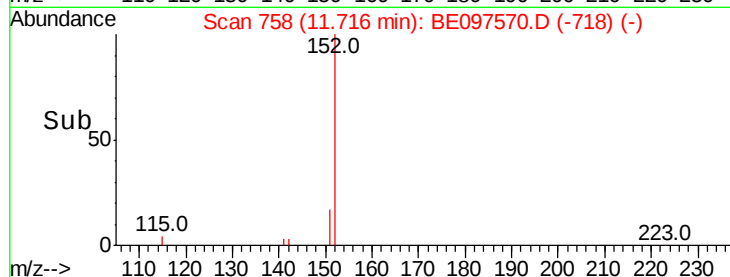
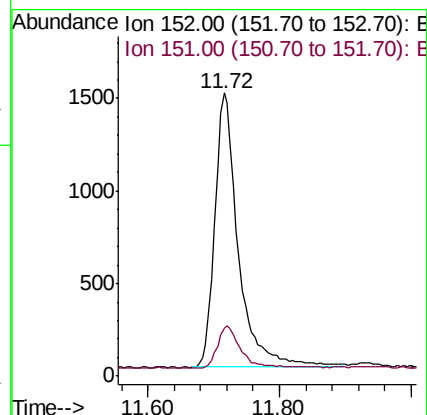
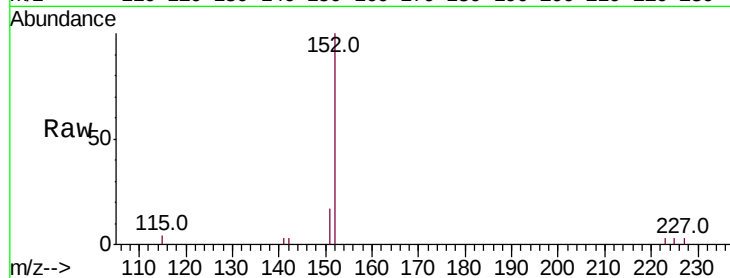
ClientSampleId :

Tot Ion:152 Resp: 3680

Ion Ratio Lower Upper

152 100

151 14.4 15.4 23.0#



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

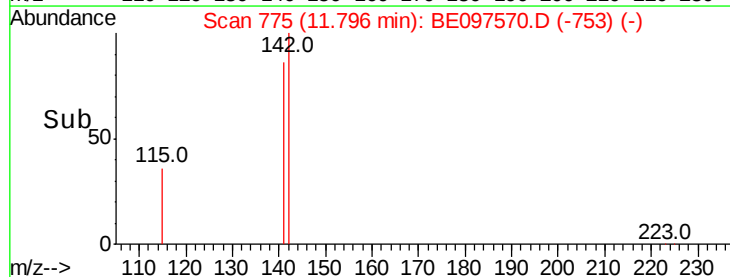
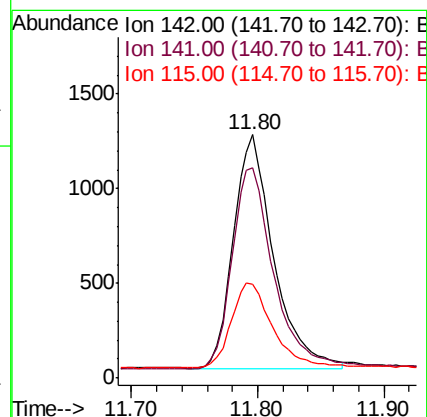
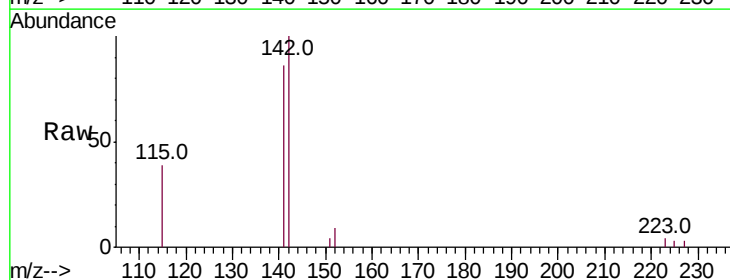
Tgt Ion:142 Resp: 2718

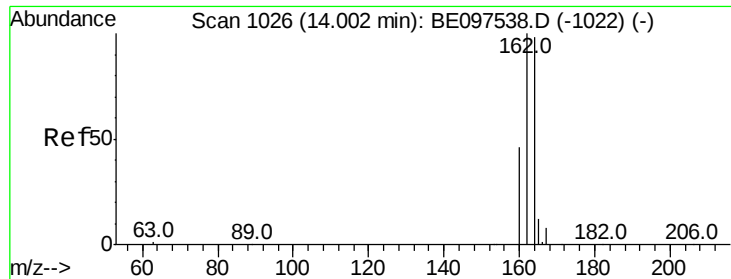
Ion Ratio Lower Upper

142 100

141 86.2 70.4 105.6

115 38.6 31.7 47.5

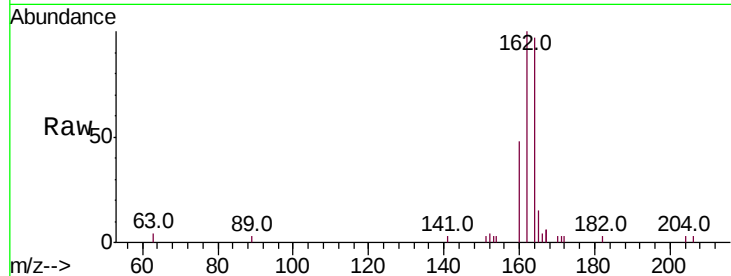




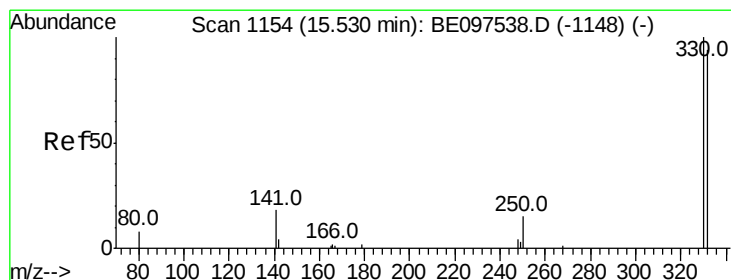
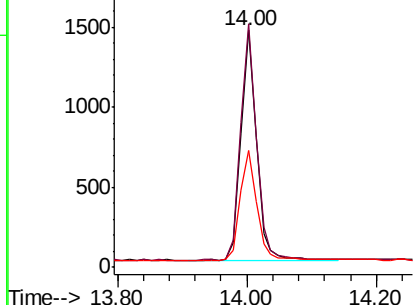
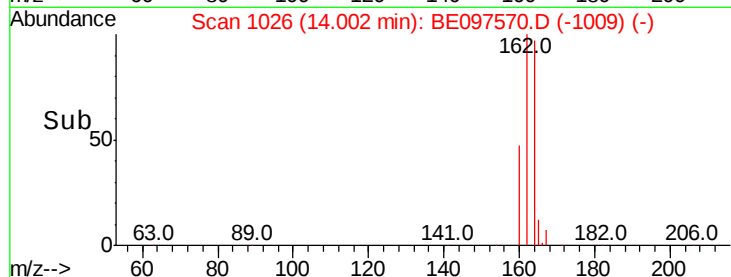
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE097570.D
 Acq: 20 Sep 2018 10:13

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2356
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.1 124.7
 160 49.6 37.1 55.7

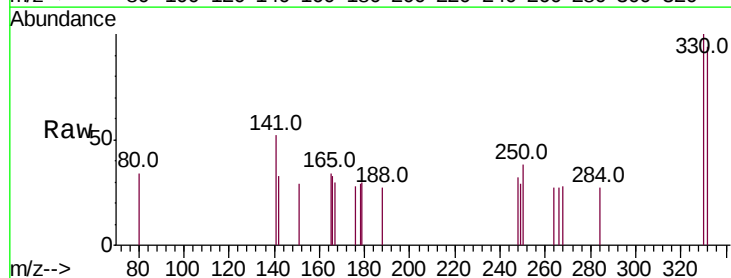


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

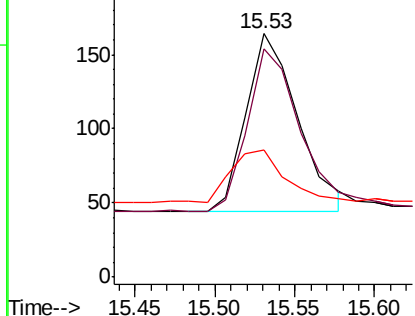
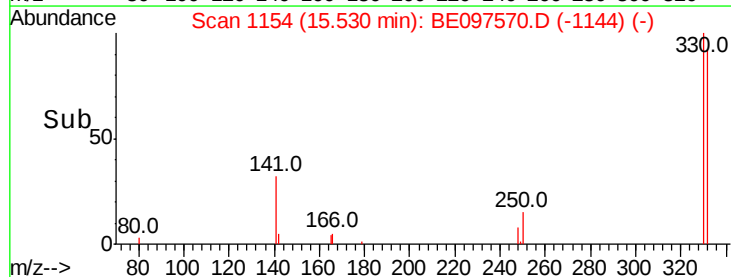


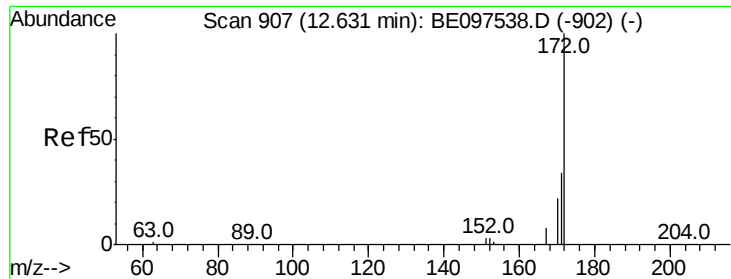
#14
 2,4,6-Tribromophenol
 Concen: 0.331 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097570.D
 Acq: 20 Sep 2018 10:13

Tgt Ion:330 Resp: 270
 Ion Ratio Lower Upper
 330 100
 332 93.0 152.7 229.1#
 141 32.2 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

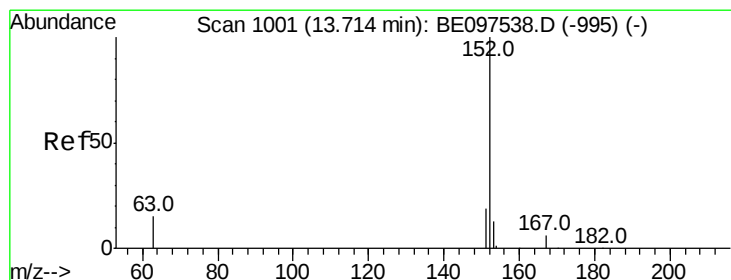
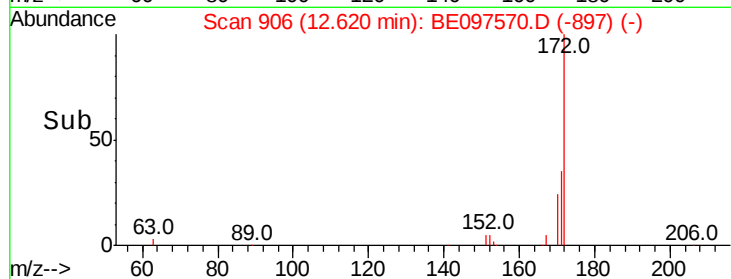
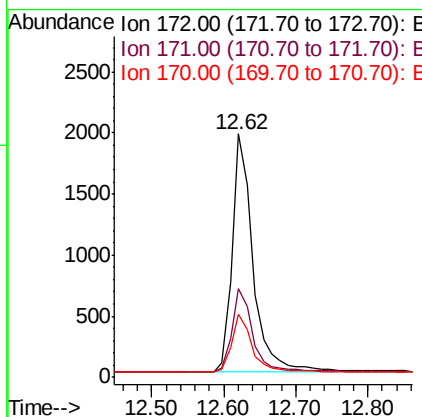
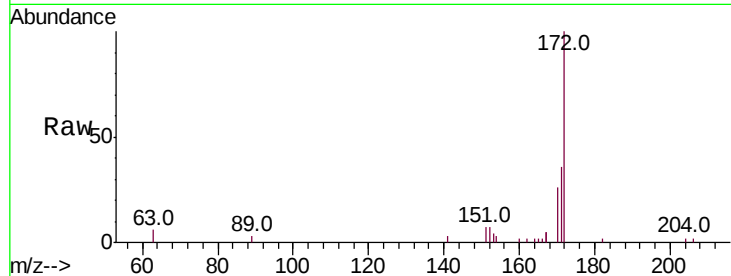




#15
 2-Fluorobiphenyl
 Concen: 0.468 ng
 RT: 12.62 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097570.D
 Acq: 20 Sep 2018 10:13

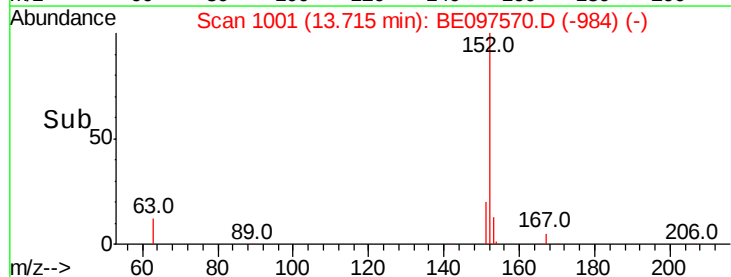
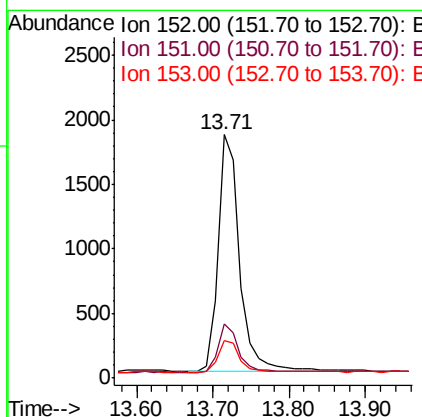
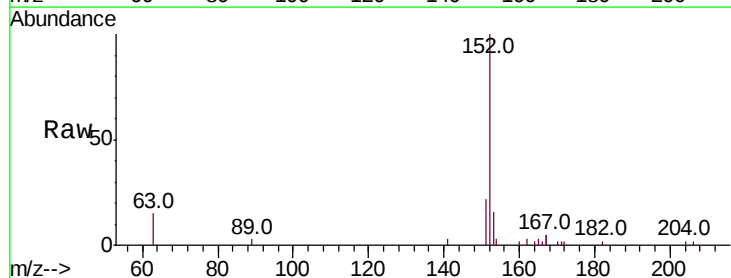
Instrument :
 BNA_E
 ClientSampled :

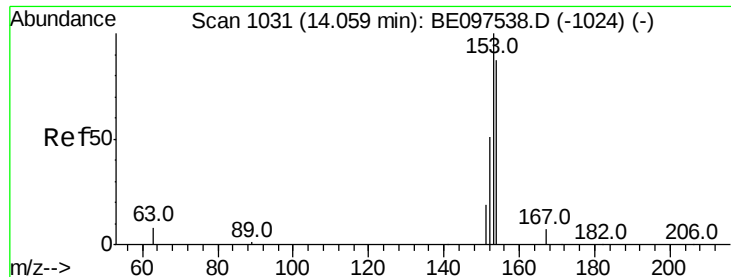
Tot Ion:172 Resp: 3895
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.9 44.9
 170 25.7 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.389 ng
 RT: 13.71 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BE097570.D
 Acq: 20 Sep 2018 10:13

Tgt Ion:152 Resp: 3624
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 13.6 10.5 15.7

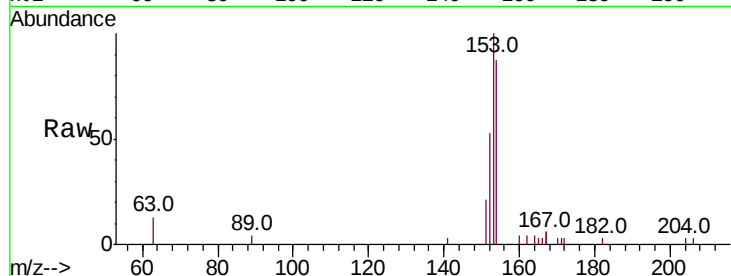




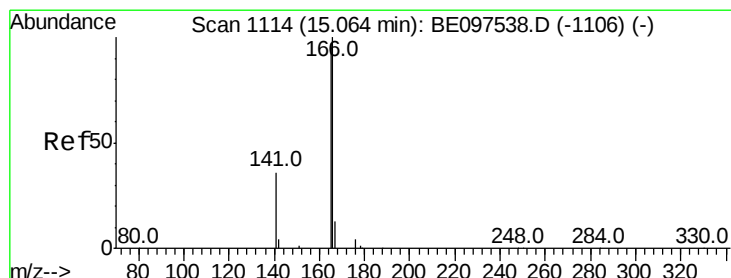
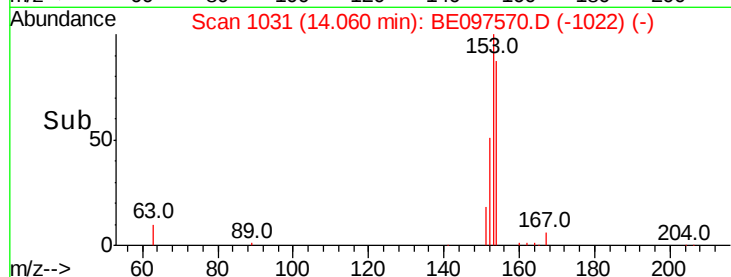
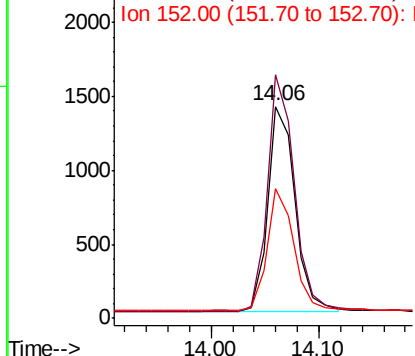
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097570.D
Acq: 20 Sep 2018 10:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2435
Ion Ratio Lower Upper
154 100
153 113.6 89.2 133.8
152 58.3 42.0 63.0

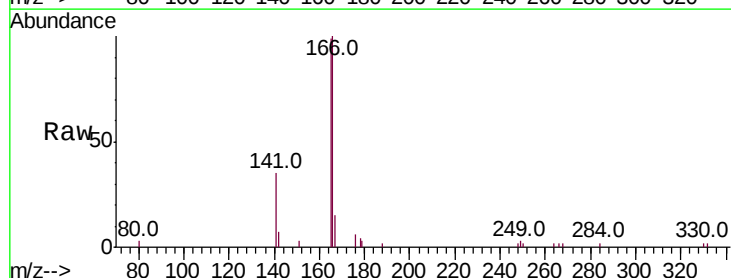


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

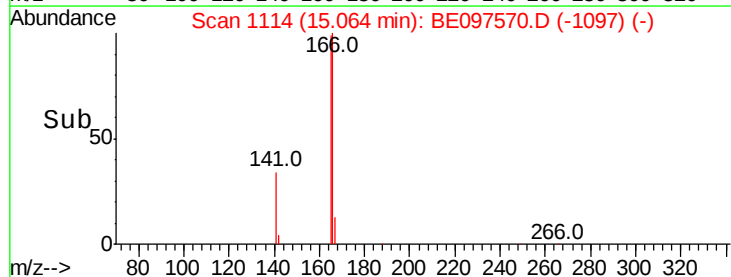
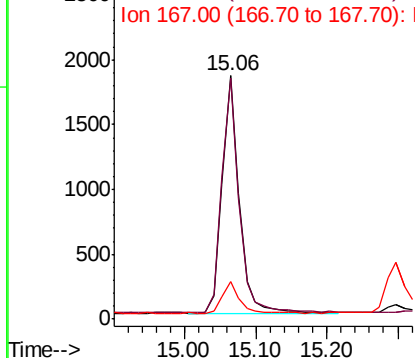


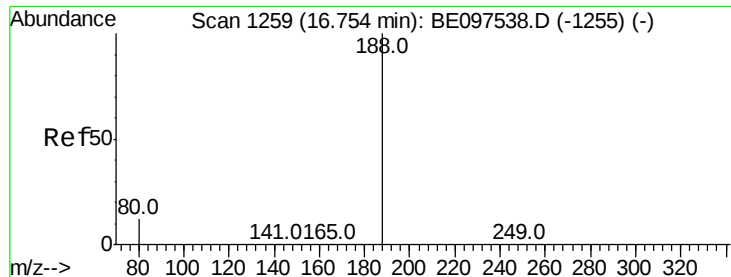
#18
Fluorene
Concen: 0.378 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097570.D
Acq: 20 Sep 2018 10:13

Tgt Ion:166 Resp: 3073
Ion Ratio Lower Upper
166 100
165 99.7 77.8 116.6
167 13.1 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: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

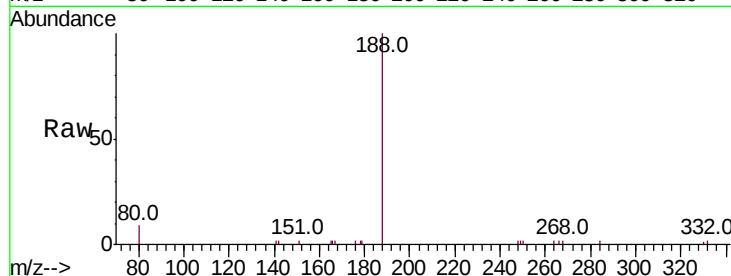
Tot Ion:188 Resp: 5498

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

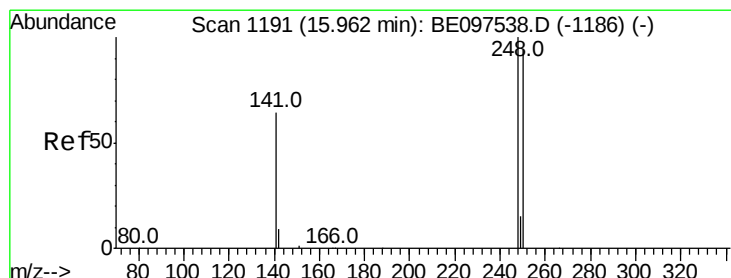
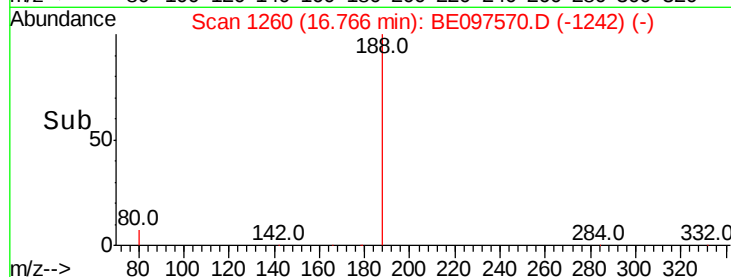
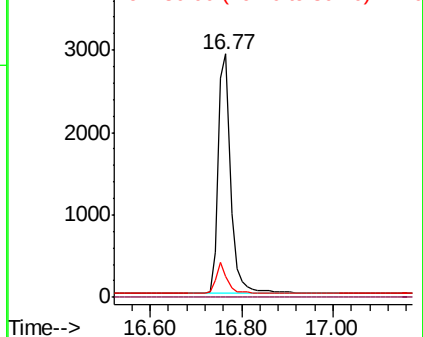
80 8.5 3.6 5.4#



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: 0.378 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

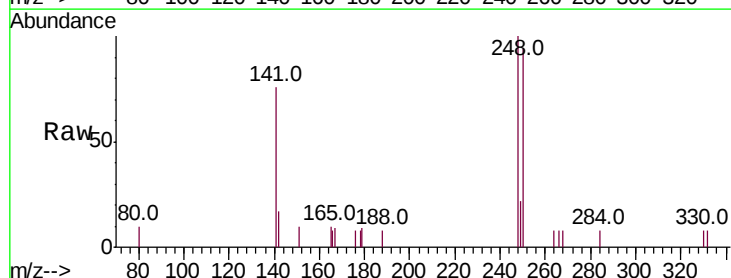
Tgt Ion:248 Resp: 938

Ion Ratio Lower Upper

248 100

250 94.2 62.7 94.1#

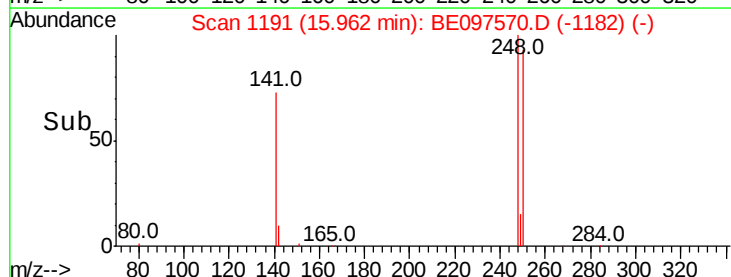
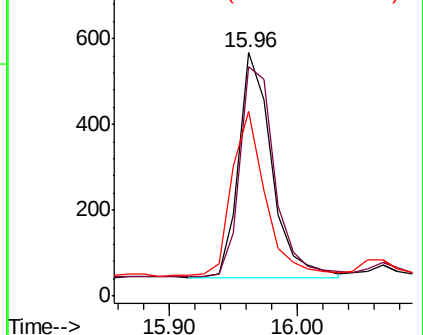
141 75.8 48.2 72.2#

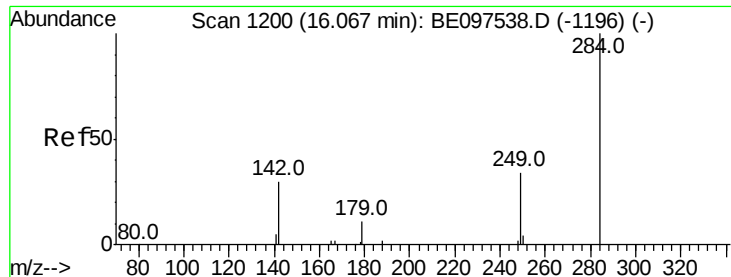


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

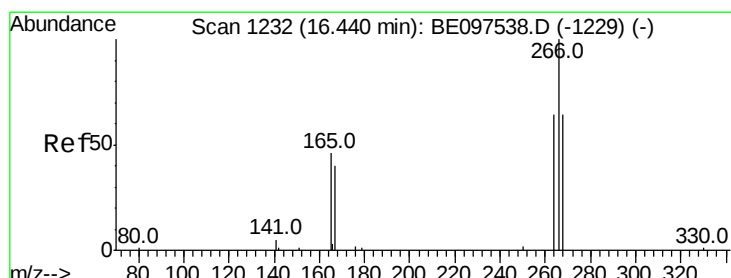
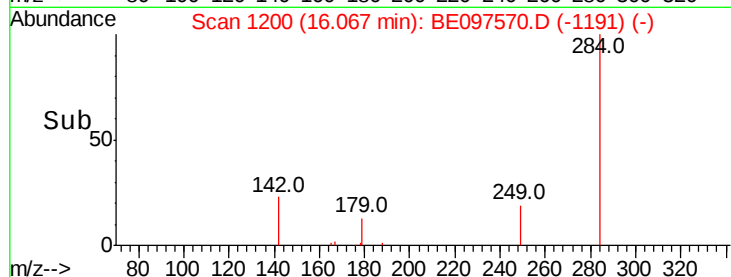
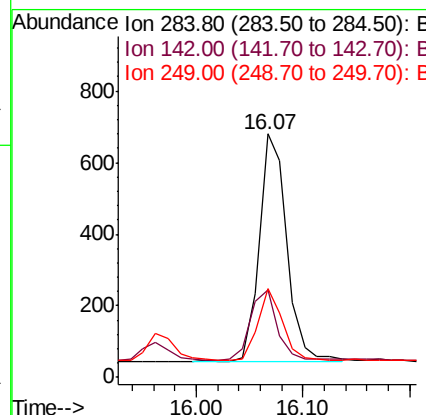
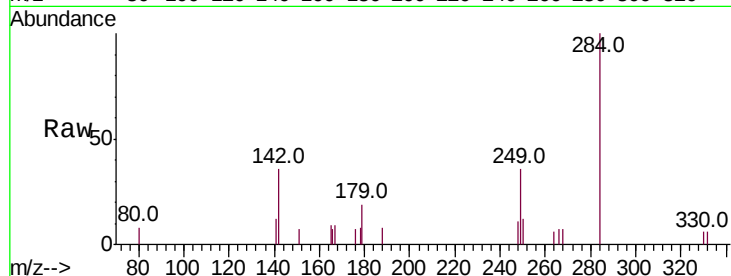




#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BE097570.D
Acq: 20 Sep 2018 10:13

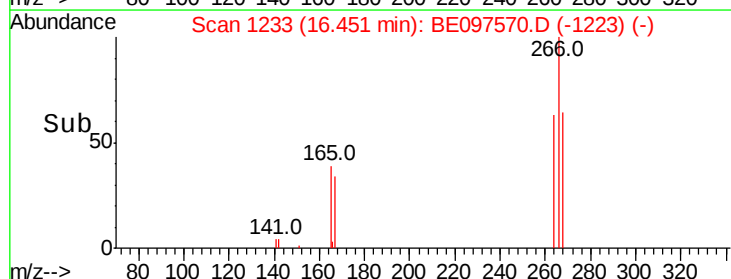
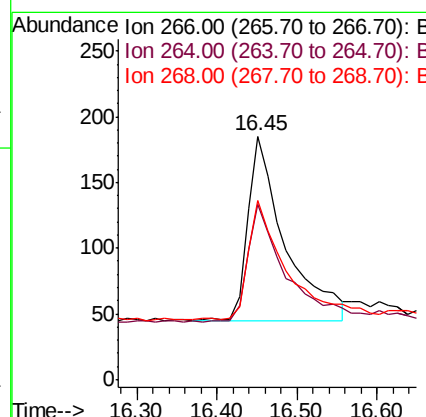
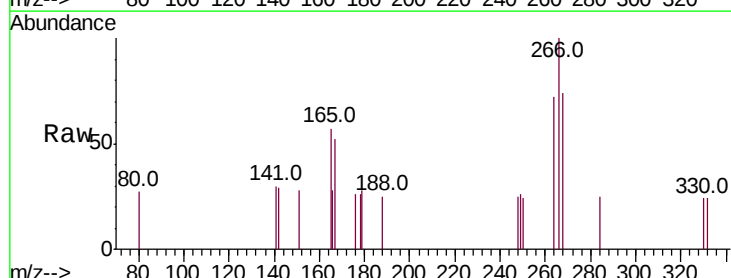
Instrument :
BNA_E
ClientSampleId :

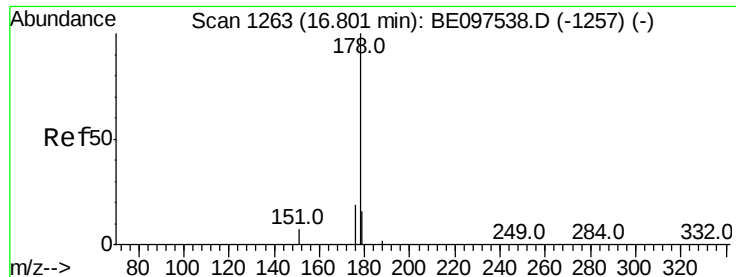
Tot Ion:284 Resp: 1136
Ion Ratio Lower Upper
284 100
142 29.8 22.1 33.1
249 28.5 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.498 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097570.D
Acq: 20 Sep 2018 10:13

Tgt Ion:266 Resp: 450
Ion Ratio Lower Upper
266 100
264 71.9 72.5 108.7#
268 73.5 73.8 110.6#





#23

Phenanthrene

Concen: 0.391 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

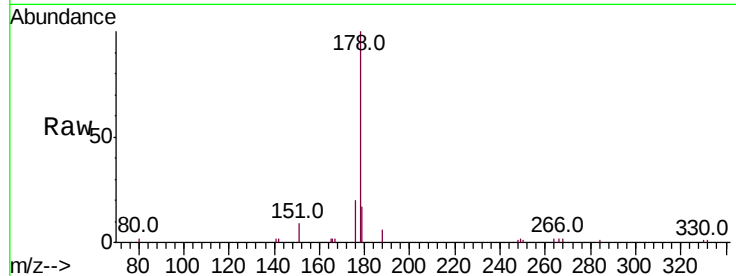
Tot Ion:178 Resp: 5103

Ion Ratio Lower Upper

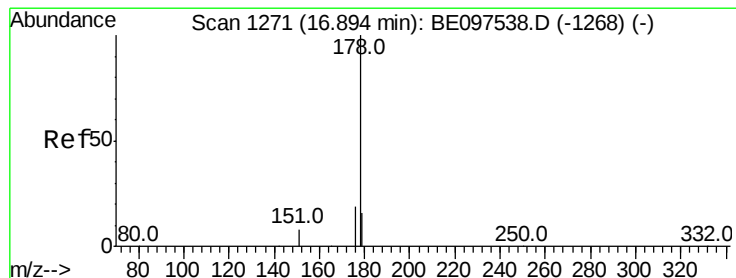
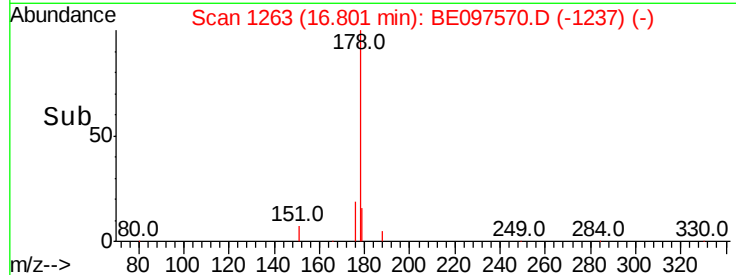
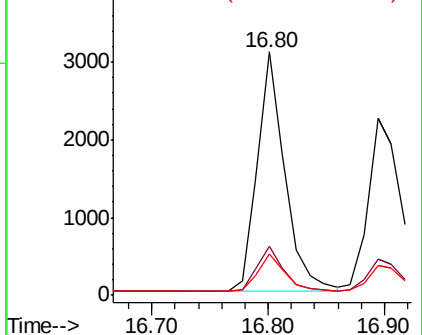
178 100

176 18.9 15.1 22.7

179 15.6 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: 0.384 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

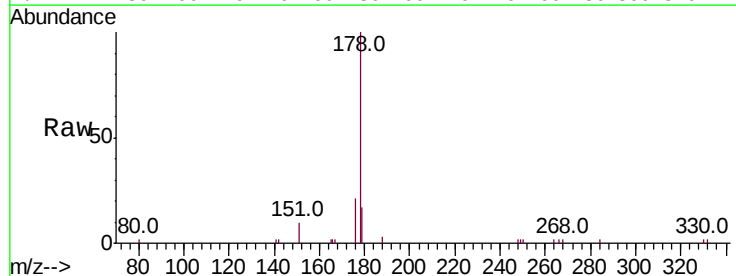
Tgt Ion:178 Resp: 4429

Ion Ratio Lower Upper

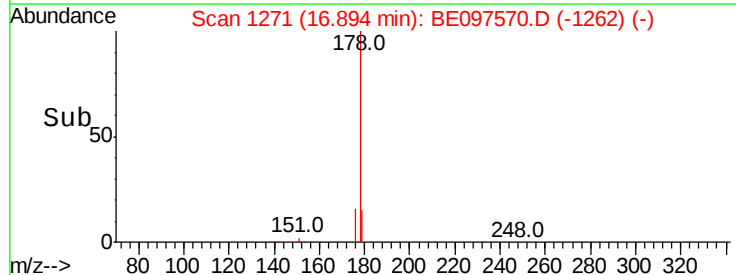
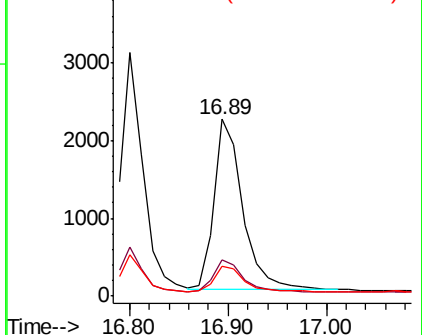
178 100

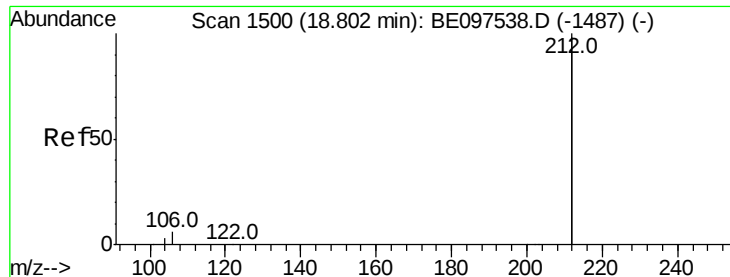
176 18.6 12.8 19.2

179 15.0 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: 0.381 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

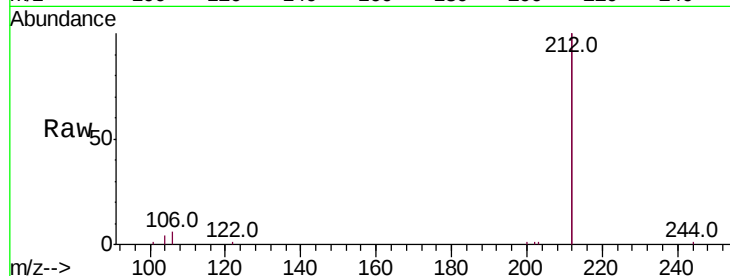
Tot Ion:212 Resp: 26827

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

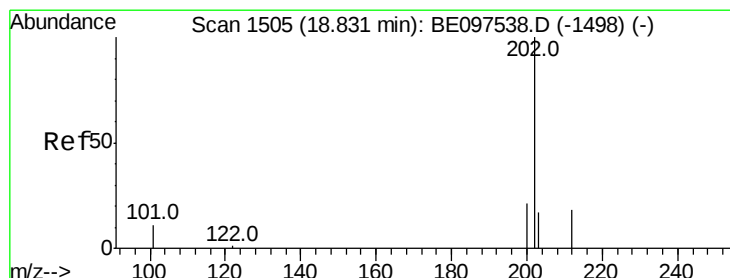
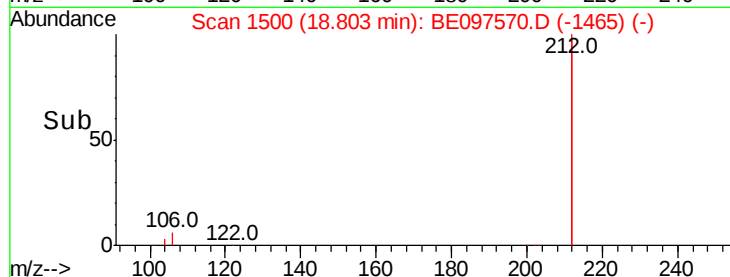
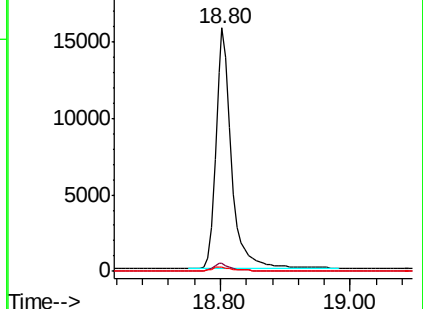
104 1.7 1.6 2.4



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: 0.356 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

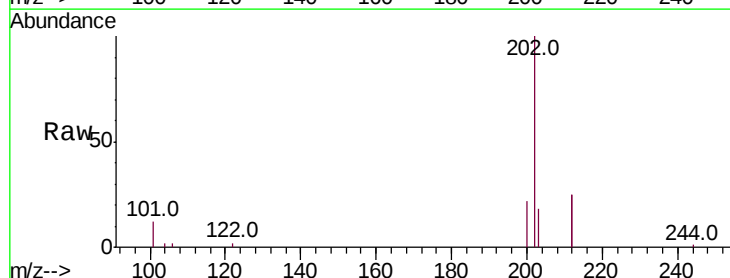
Tgt Ion:202 Resp: 6439

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

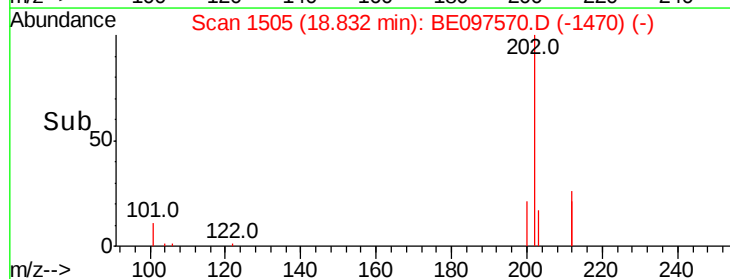
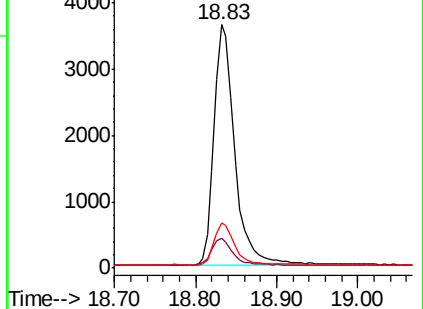
203 17.0 13.7 20.5

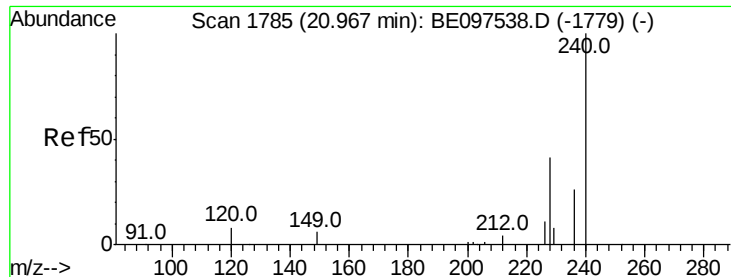


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1785

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

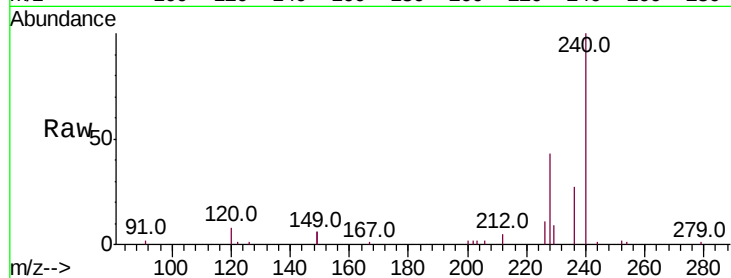
Tot Ion:240 Resp: 7564

Ion Ratio Lower Upper

240 100

120 7.9 5.5 8.3

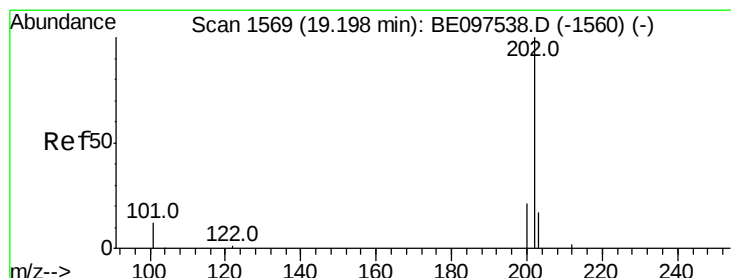
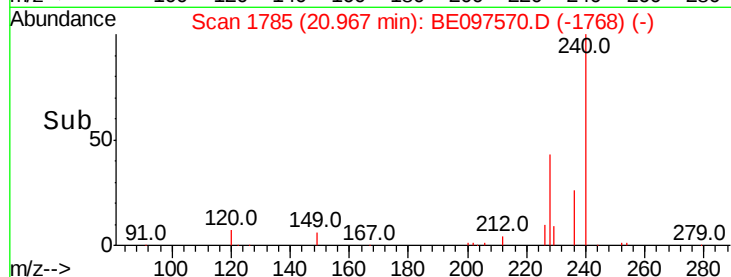
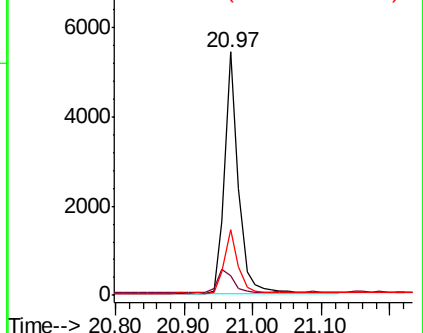
236 27.0 20.7 31.1



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: 0.382 ng

RT: 19.20 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

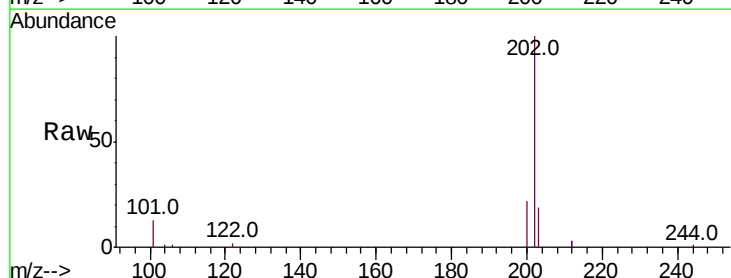
Tgt Ion:202 Resp: 6570

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

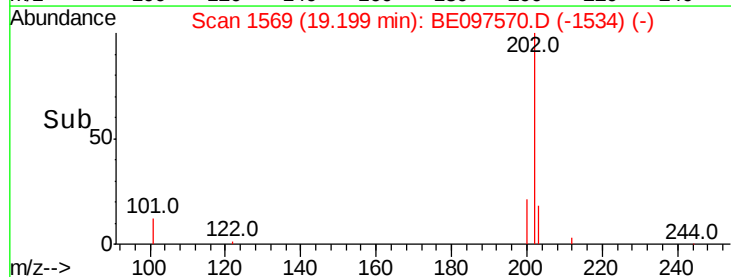
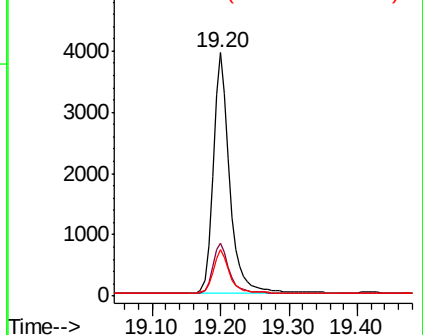
203 17.6 13.8 20.8

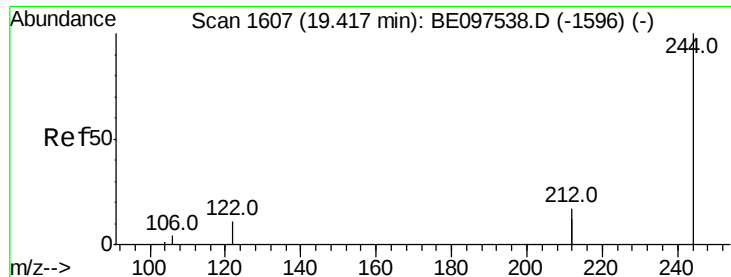


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.354 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

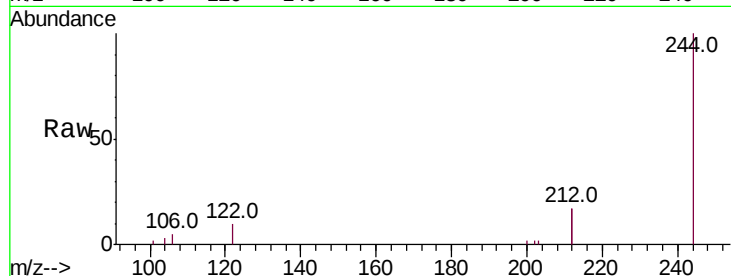
Tot Ion:244 Resp: 4895

Ion Ratio Lower Upper

244 100

212 33.9 25.4 38.0

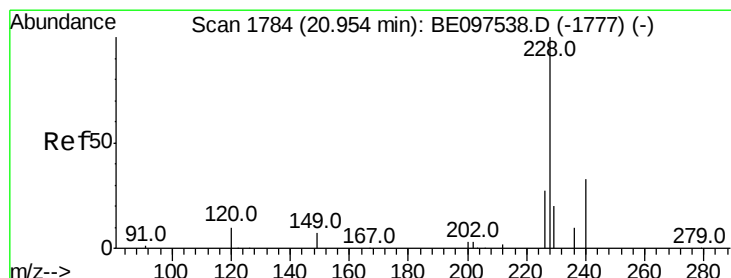
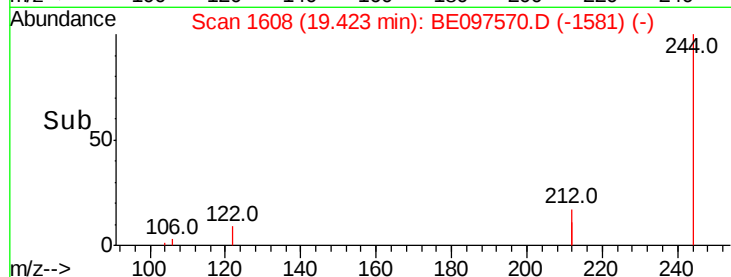
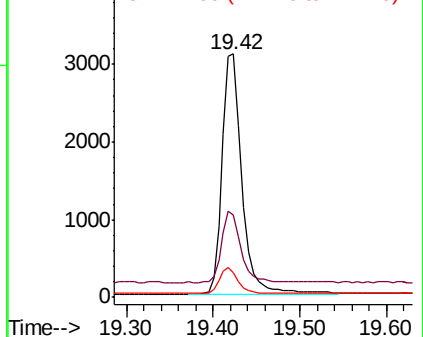
122 10.1 8.1 12.1



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: 0.401 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

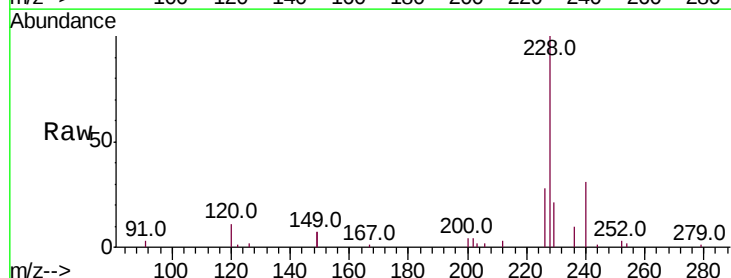
Tgt Ion:228 Resp: 7638

Ion Ratio Lower Upper

228 100

226 27.6 24.0 36.0

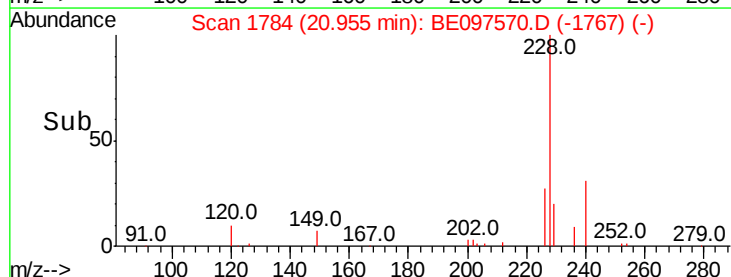
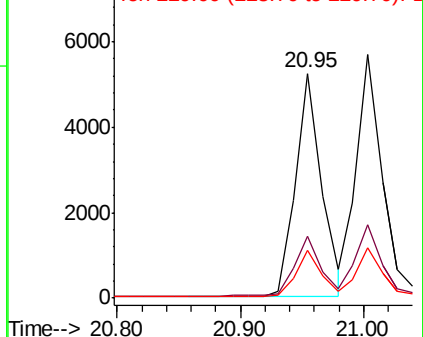
229 21.2 16.0 24.0

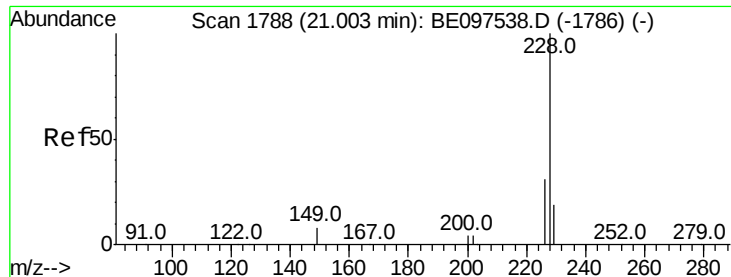


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

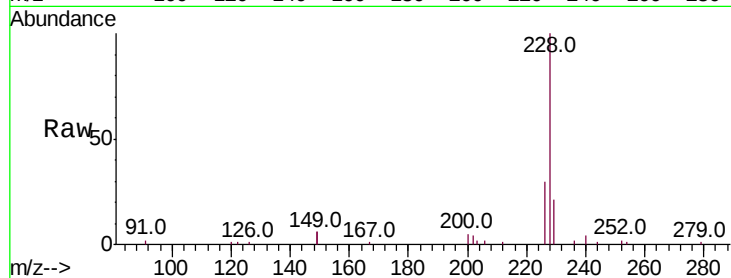
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 8177

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.6	16.0	24.0

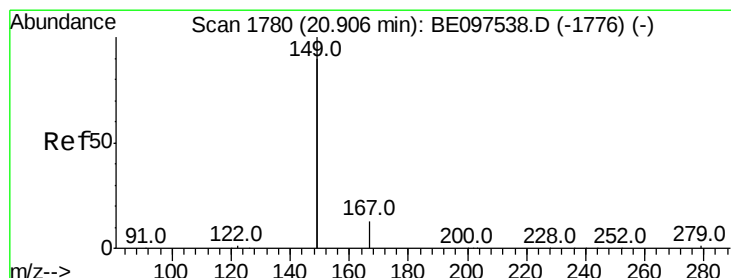
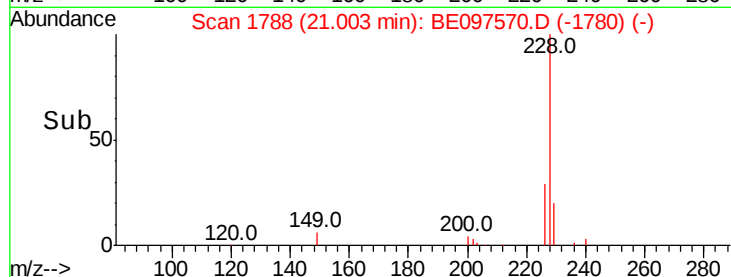
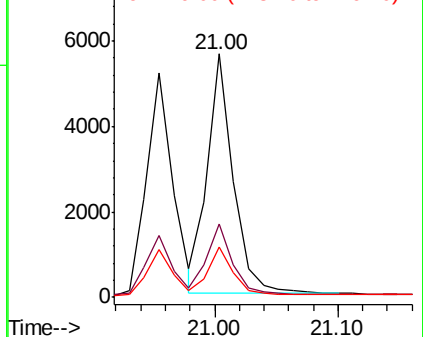


Abundance

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: 0.314 ng

RT: 20.91 min Scan# 1780

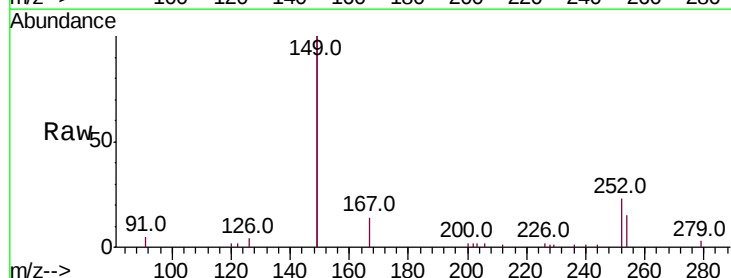
Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Tgt Ion:149 Resp: 9706

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.1	0.7	1.1

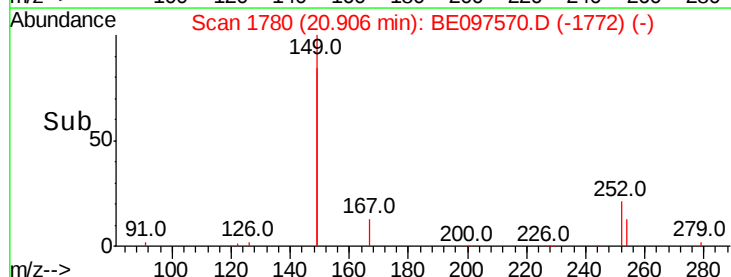
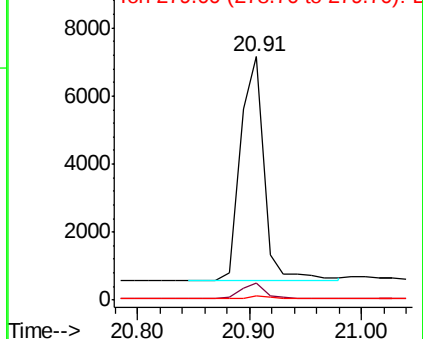


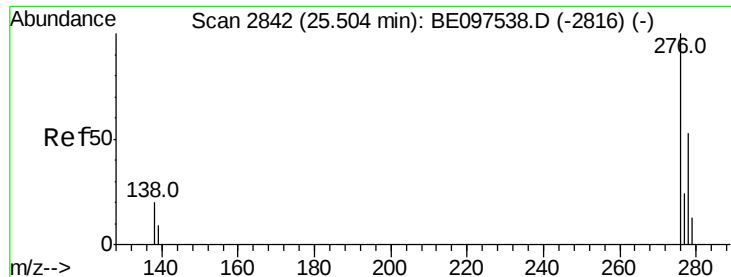
Abundance

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: 0.405 ng

RT: 25.51 min Scan# 2844

Delta R.T. 0.01 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

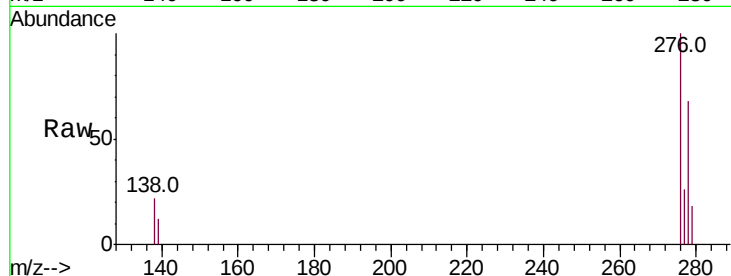
Tot Ion:276 Resp: 9959

Ion Ratio Lower Upper

276 100

138 19.8 22.5 33.7#

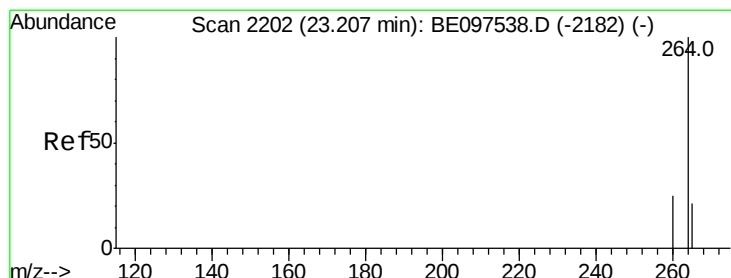
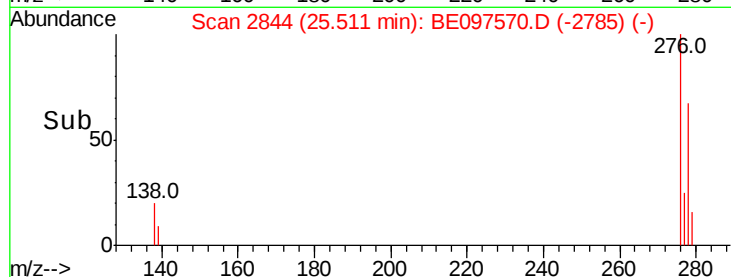
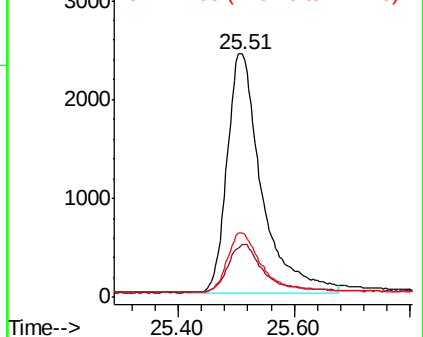
277 24.7 19.9 29.9



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: 23.21 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

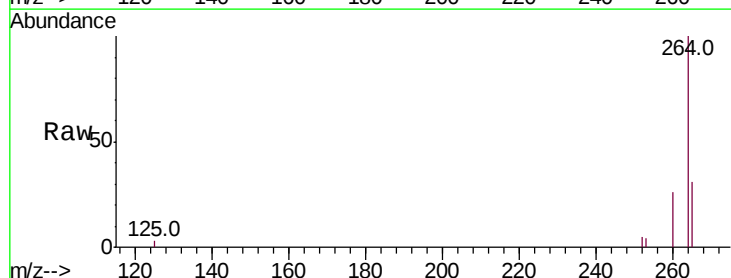
Tgt Ion:264 Resp: 7645

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

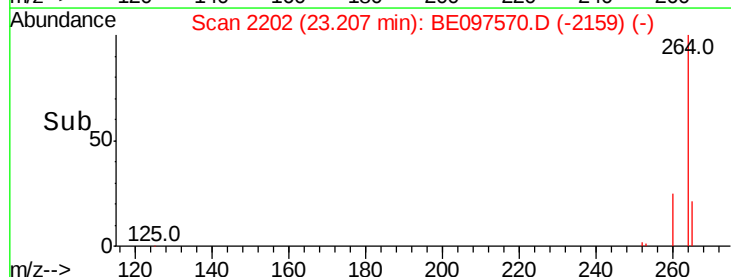
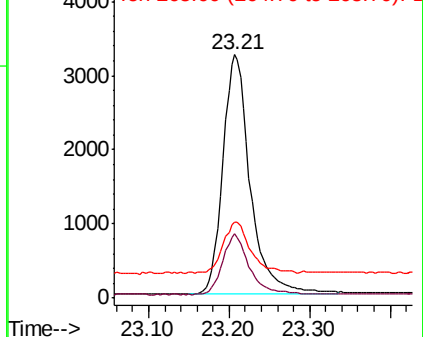
265 31.1 22.8 34.2

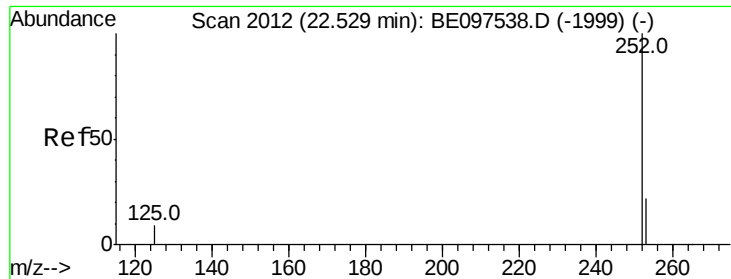


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.423 ng

RT: 22.53 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

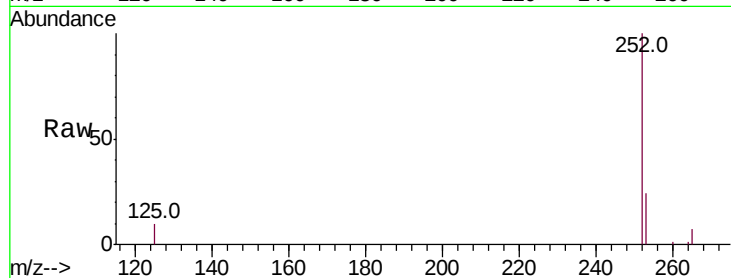
Tot Ion:252 Resp: 8291

Ion Ratio Lower Upper

252 100

253 23.7 20.0 30.0

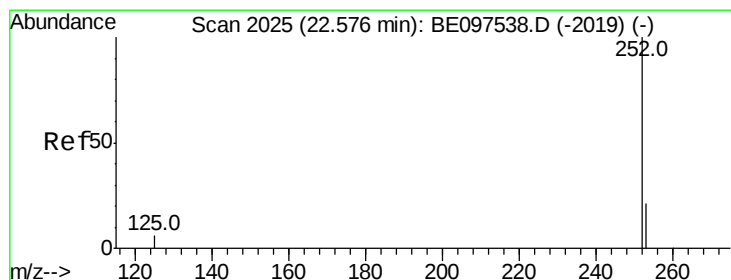
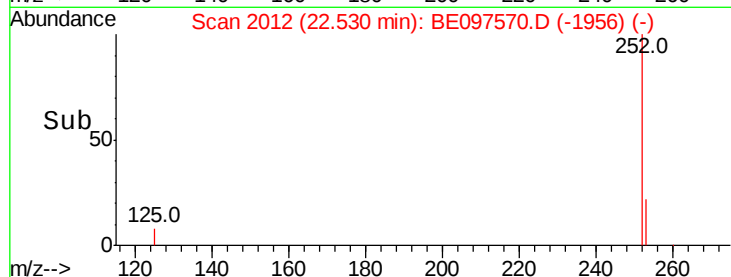
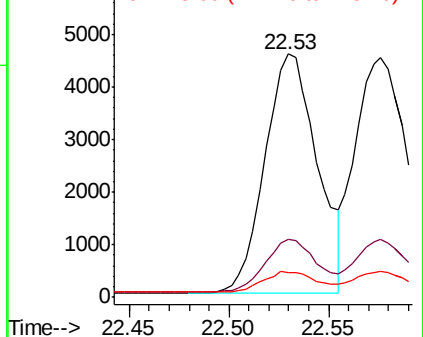
125 10.4 16.0 24.0#



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: 0.404 ng

RT: 22.58 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

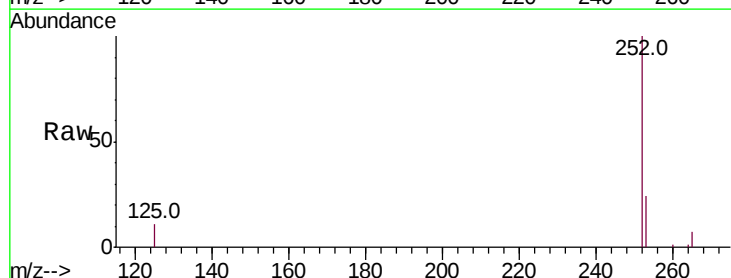
Tgt Ion:252 Resp: 9036

Ion Ratio Lower Upper

252 100

253 24.0 16.0 24.0

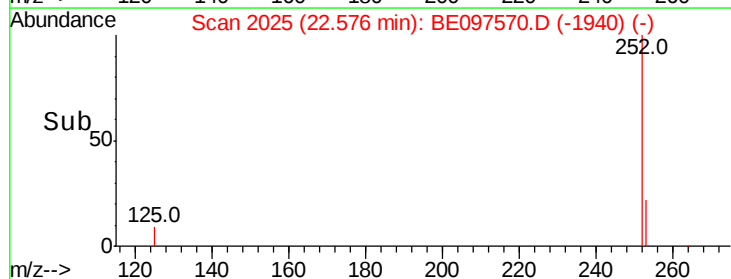
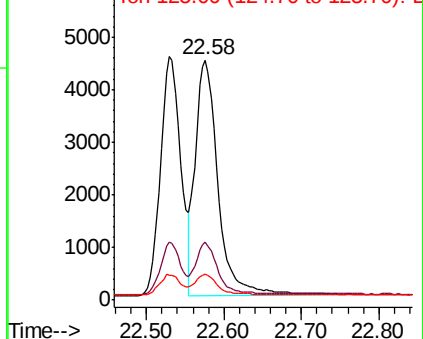
125 11.1 8.0 12.0

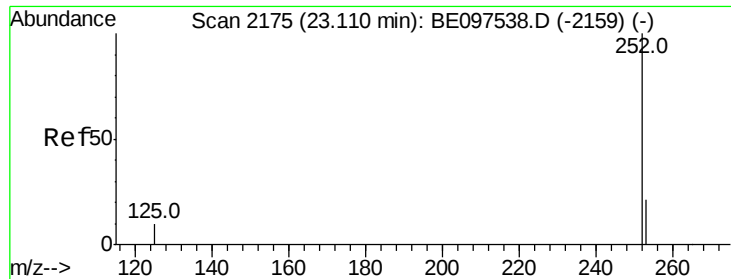


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.421 ng

RT: 23.11 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :

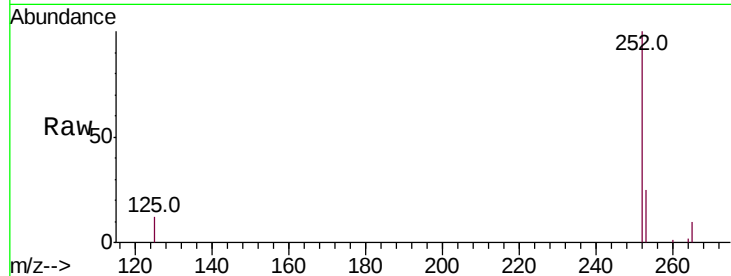
Tot Ion:252 Resp: 8020

Ion Ratio Lower Upper

252 100

253 24.9 16.0 24.0#

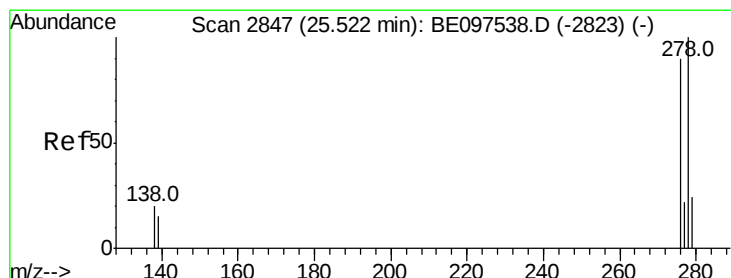
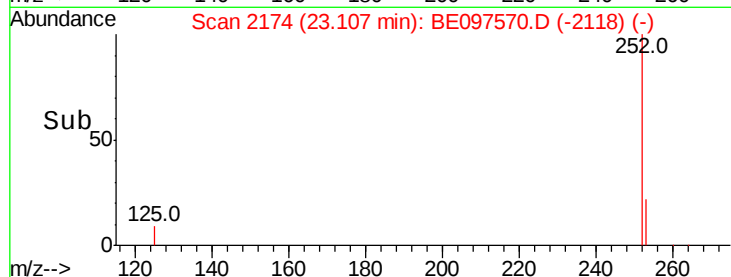
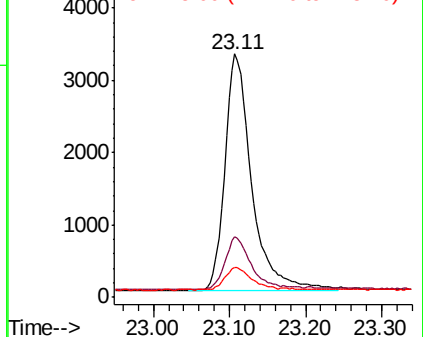
125 12.3 12.0 18.0



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: 0.406 ng

RT: 25.53 min Scan# 2848

Delta R.T. 0.01 min

Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

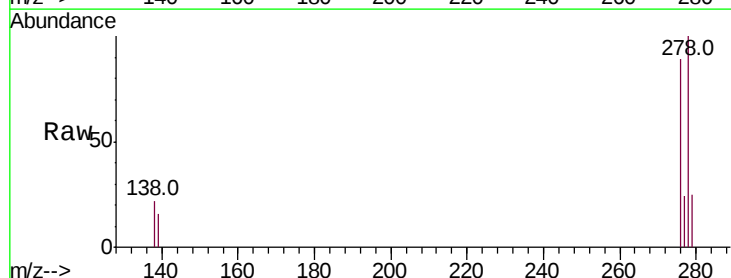
Tgt Ion:278 Resp: 8347

Ion Ratio Lower Upper

278 100

139 16.4 16.0 24.0

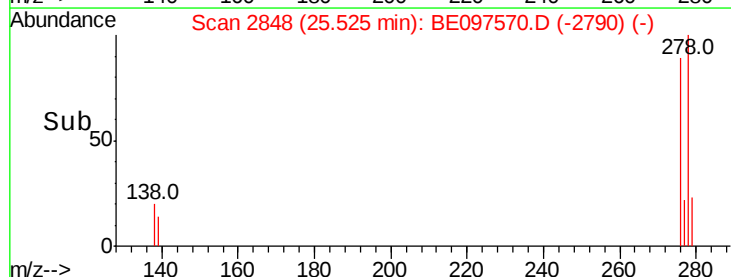
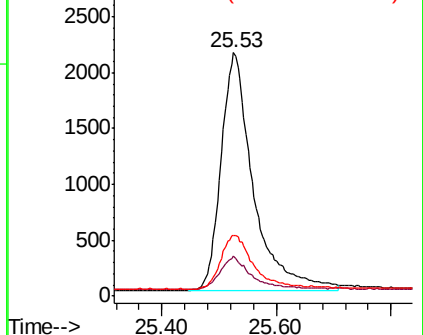
279 25.0 20.0 30.0

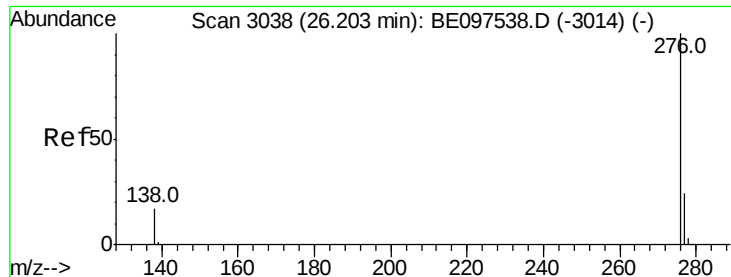


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.422 ng

RT: 26.21 min Scan# 3039

Delta R.T. 0.01 min

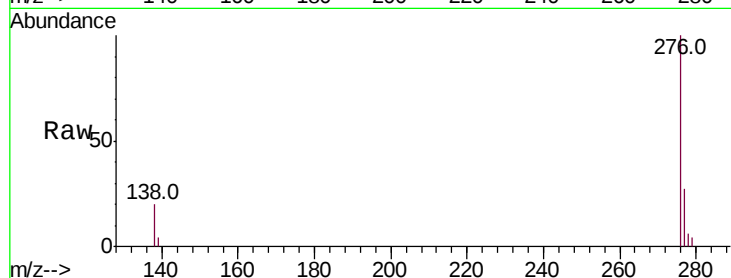
Lab File: BE097570.D

Acq: 20 Sep 2018 10:13

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 8426

Ion Ratio Lower Upper

276 100

277 26.6 16.0 24.0#

138 19.5 20.0 30.0#

