

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097626.D
 Acq On : 22 Sep 2018 00:03
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:10:13 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	7.37	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3547	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2542	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7712	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8160	0.40	ng	0.00
34) Perylene-d12	23.21	264	8085	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	706	0.33	ng	0.00
5) Phenol-d6	6.61	99	757	0.28	ng	0.00
8) Nitrobenzene-d5	8.54	82	904	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	2056	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	382	0.40	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3194	0.36	ng	0.01
25) Fluoranthene-d10	18.80	212	31483	0.32	ng	0.00
29) Terphenyl-d14	19.42	244	6225	0.42	ng	0.00

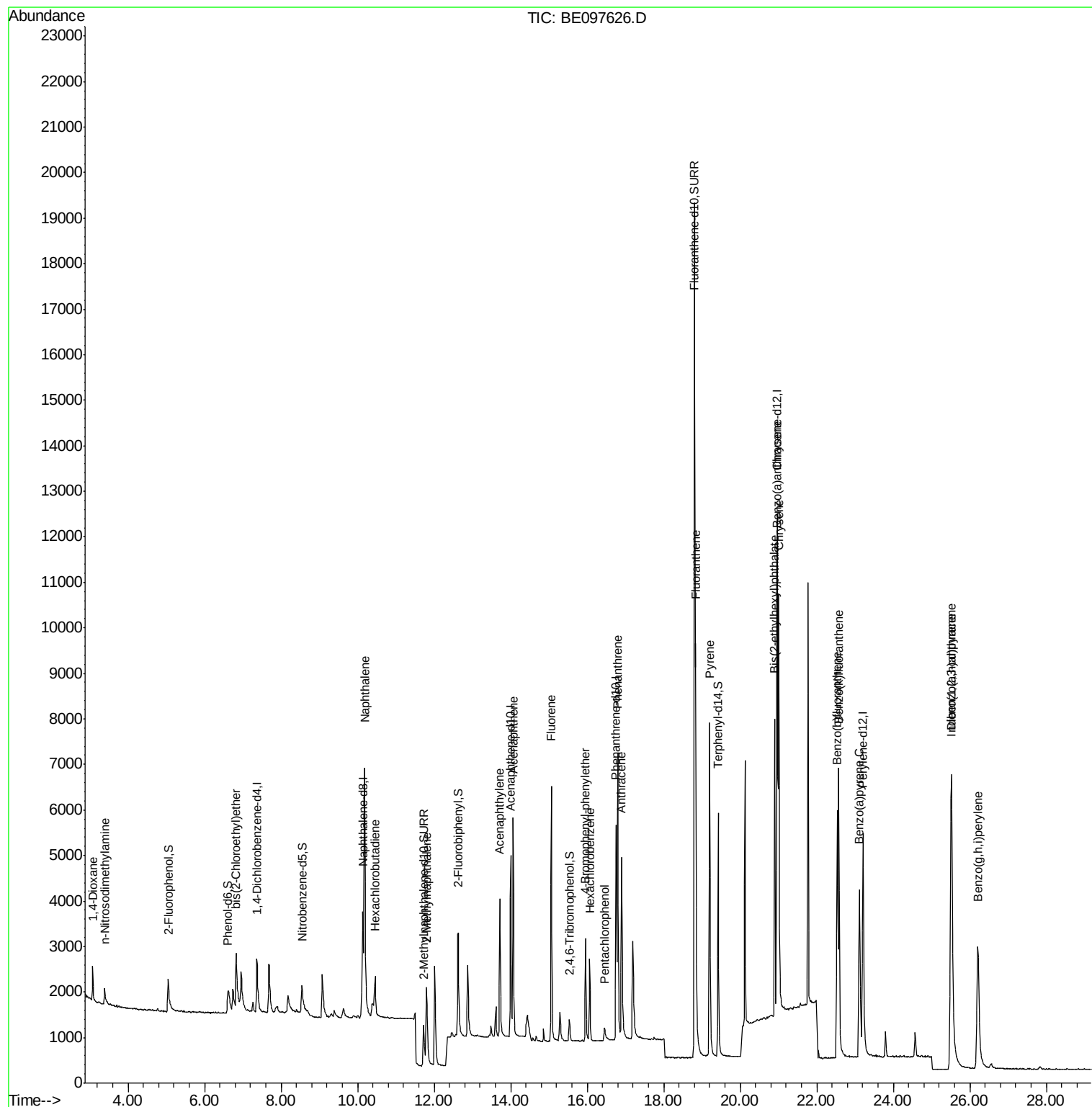
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	432	0.354	ng	# 86
3) n-Nitrosodimethylamine	3.38	42	312	0.308	ng	94
6) bis(2-Chloroethyl)ether	6.83	93	836	0.333	ng	79
9) Naphthalene	10.18	128	12743	0.399	ng	99
10) Hexachlorobutadiene	10.46	225	563	0.382	ng	97
12) 2-Methylnaphthalene	11.80	142	2052	0.412	ng	97
16) Acenaphthylene	13.72	152	3843	0.382	ng	100
17) Acenaphthene	14.06	154	2606	0.387	ng	95
18) Fluorene	15.06	166	3583	0.408	ng	# 78
20) 4-Bromophenyl-phenylether	15.96	248	1338	0.385	ng	84
21) Hexachlorobenzene	16.07	284	1572	0.411	ng	# 85
22) Pentachlorophenol	16.45	266	292	0.300	ng	84
23) Phenanthrene	16.80	178	7130	0.389	ng	99
24) Anthracene	16.89	178	5751	0.355	ng	96
26) Fluoranthene	18.83	202	8270	0.326	ng	99
28) Pyrene	19.20	202	8363	0.450	ng	99
30) Benzo(a)anthracene	20.96	228	7239	0.352	ng	98
31) Chrysene	21.00	228	9089	0.412	ng	99
32) Bis(2-ethylhexyl)phthalate	20.90	149	8800	0.265	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	10366	0.391	ng	# 94
35) Benzo(b)fluoranthene	22.53	252	7630	0.368	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9659	0.408	ng	94
37) Benzo(a)pyrene	23.11	252	7752	0.387	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	8559	0.394	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	8287	0.392	ng	# 90

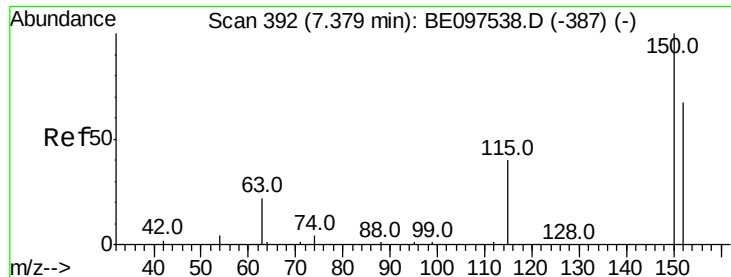
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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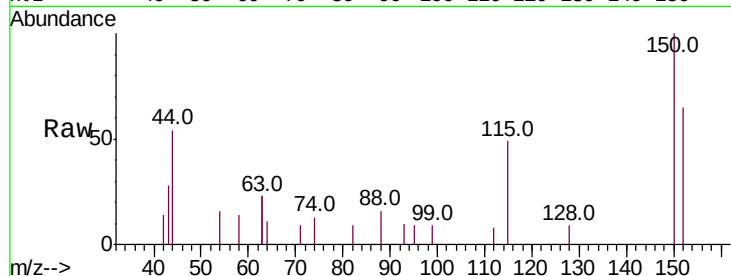


#1

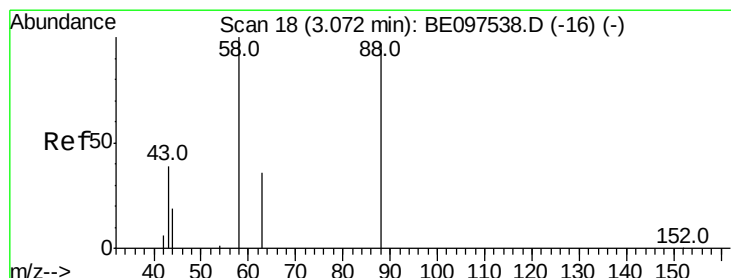
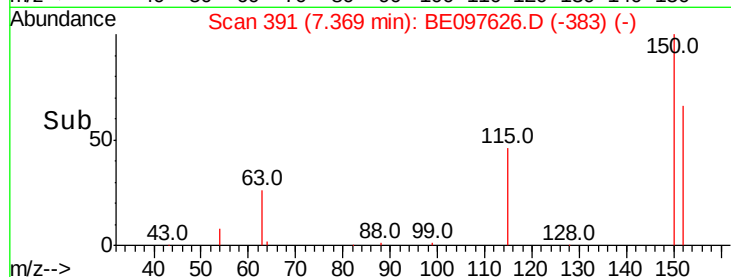
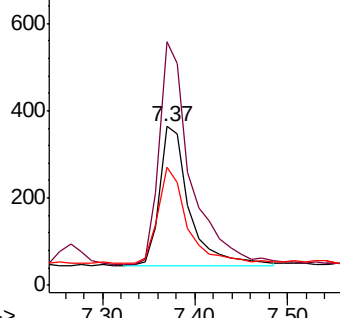
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097626.D
Acq: 22 Sep 2018 00:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 706
Ion Ratio Lower Upper
152 100
150 153.3 117.2 175.8
115 74.7 57.0 85.6



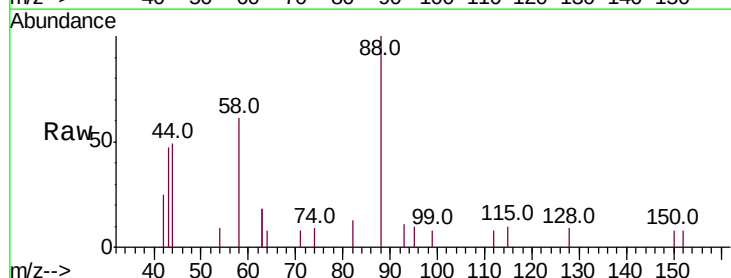
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



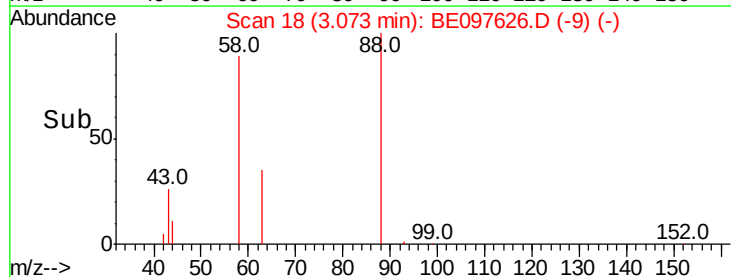
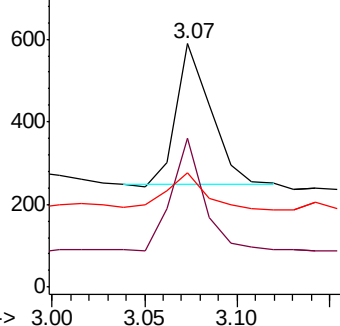
#2

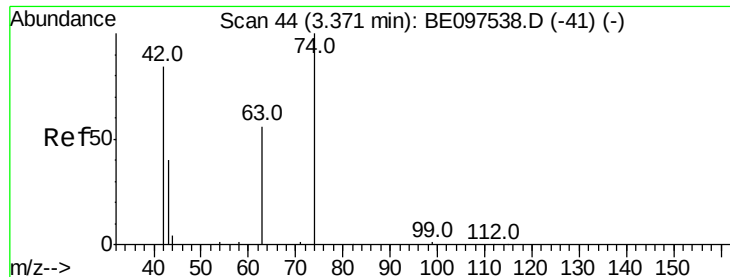
1,4-Dioxane
Concen: 0.354 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097626.D
Acq: 22 Sep 2018 00:03

Tgt Ion: 88 Resp: 432
Ion Ratio Lower Upper
88 100
58 75.2 63.2 94.8
43 30.6 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: 0.308 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampled :

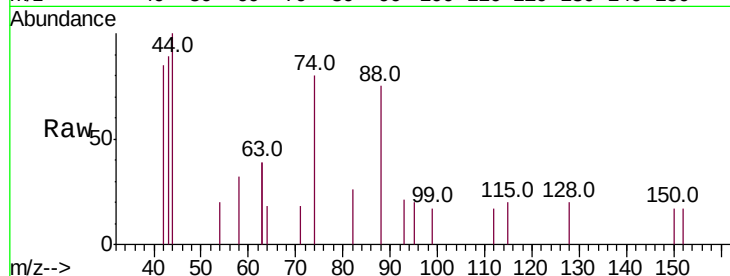
Tot Ion: 42 Resp: 312

Ion Ratio Lower Upper

42 100

74 113.1 96.0 144.0

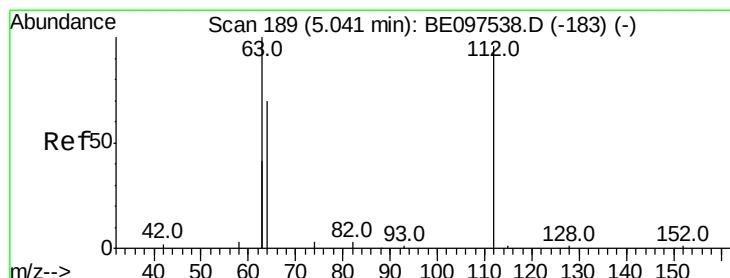
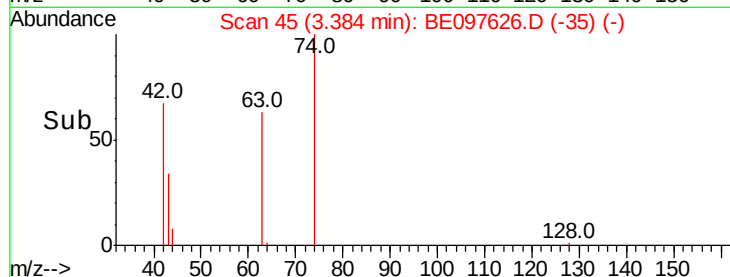
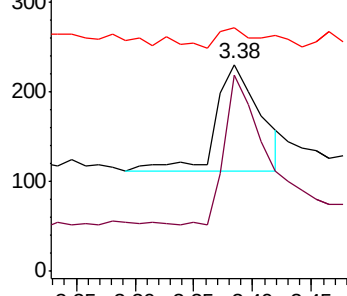
44 14.4 12.0 18.0



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: 0.334 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

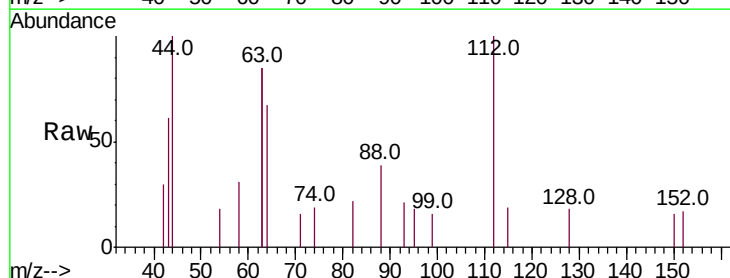
Tgt Ion: 112 Resp: 706

Ion Ratio Lower Upper

112 100

64 66.6 60.1 90.1

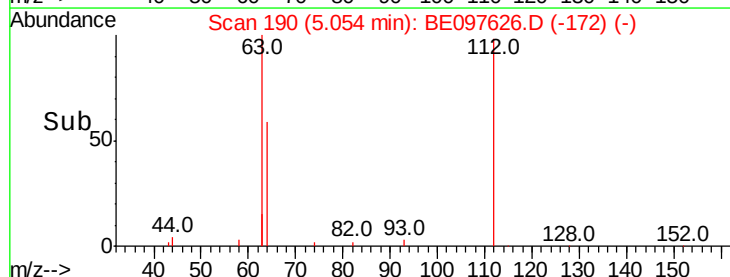
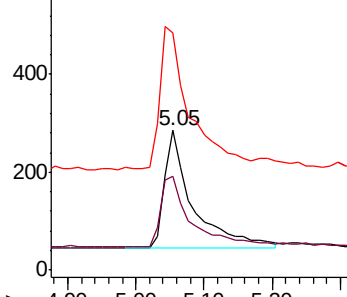
63 129.6 116.8 175.2

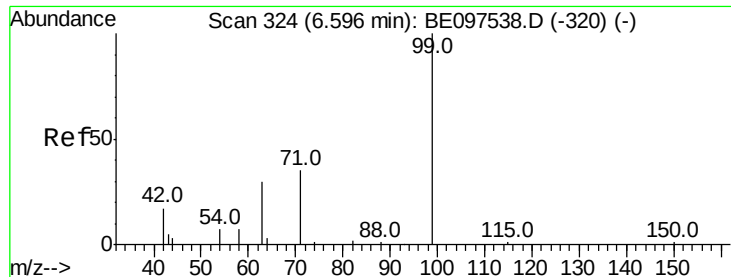


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.280 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

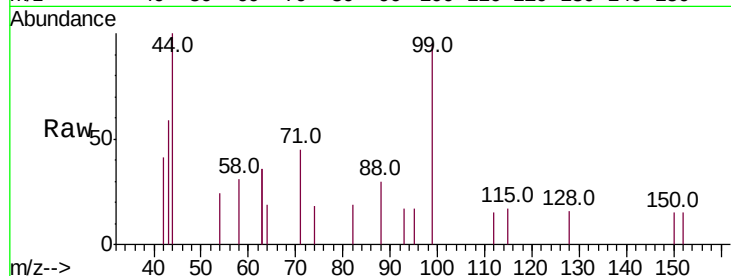
Tot Ion: 99 Resp: 757

Ion Ratio Lower Upper

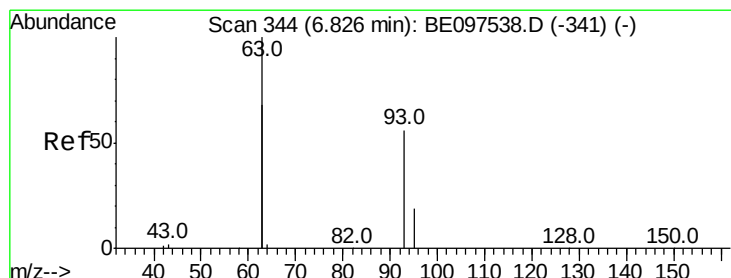
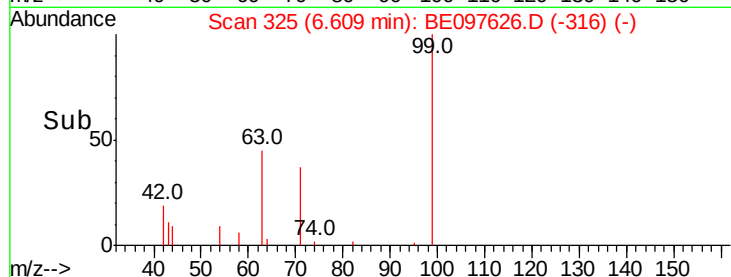
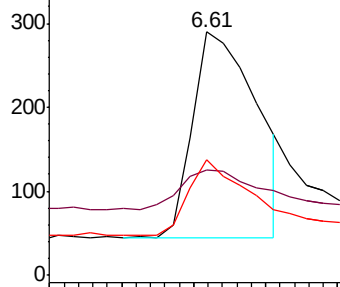
99 100

42 21.8 20.2 30.2

71 33.9 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: 0.333 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

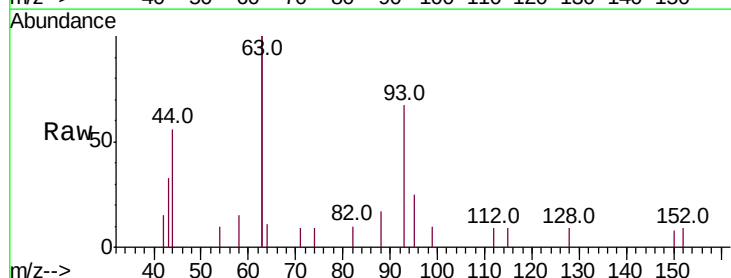
Tgt Ion: 93 Resp: 836

Ion Ratio Lower Upper

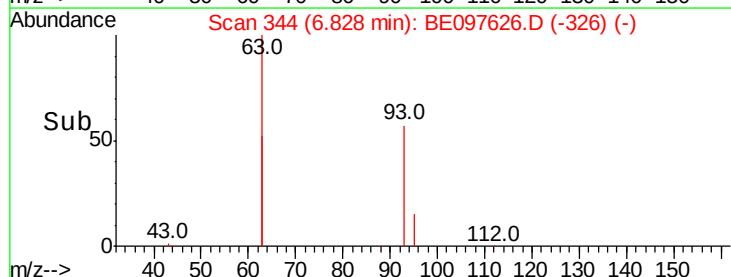
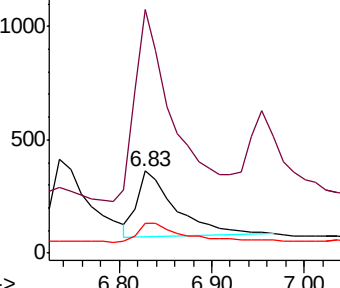
93 100

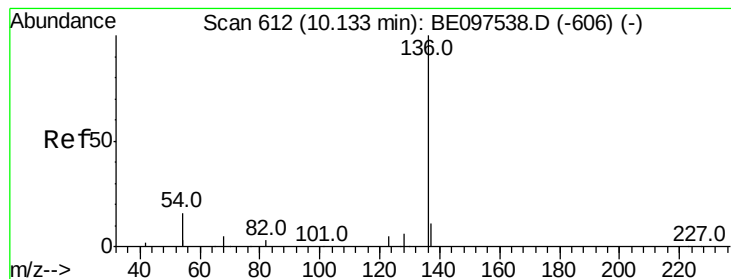
63 294.9 275.3 412.9

95 33.0 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: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3547

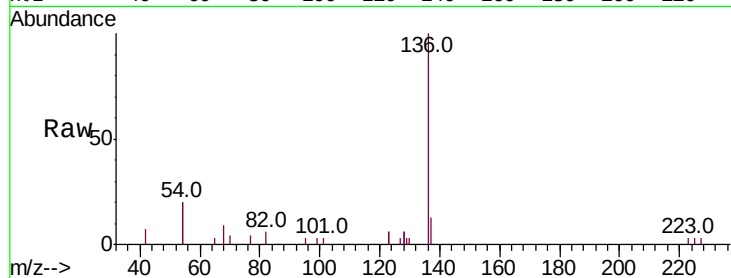
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 39.4 29.1 43.7

68 8.8 6.2 9.2

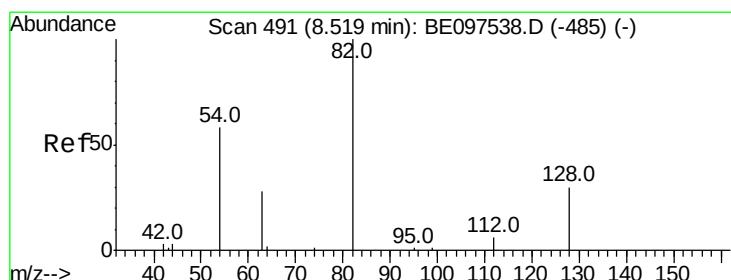
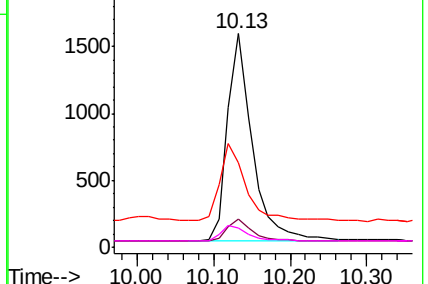
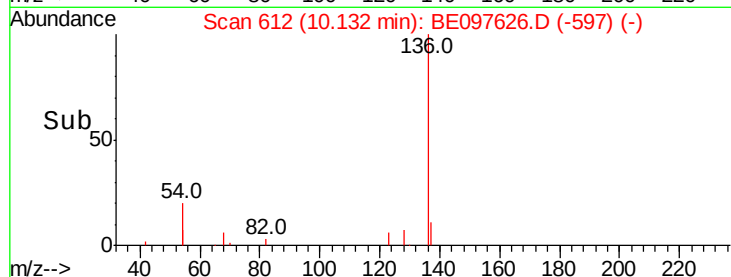


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.330 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

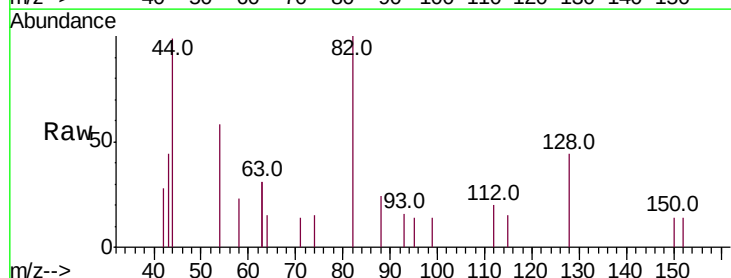
Tgt Ion: 82 Resp: 904

Ion Ratio Lower Upper

82 100

128 44.1 24.0 36.0#

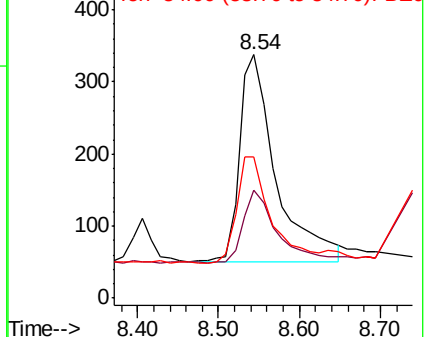
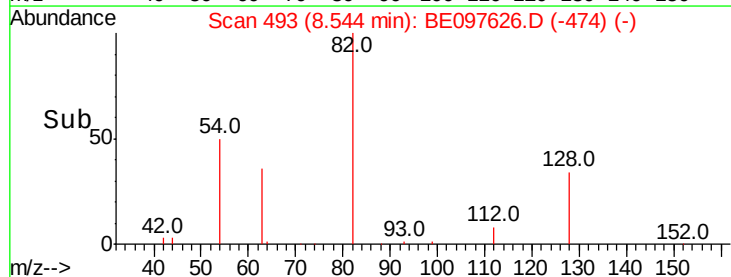
54 58.0 40.0 60.0

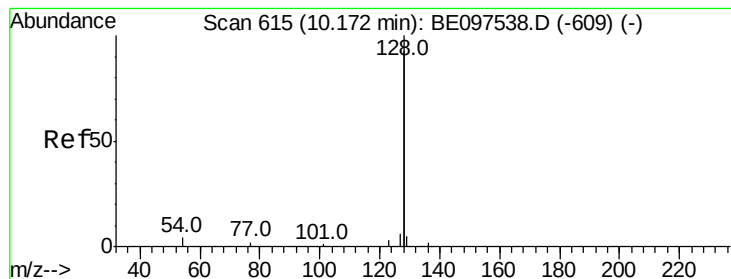


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.399 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

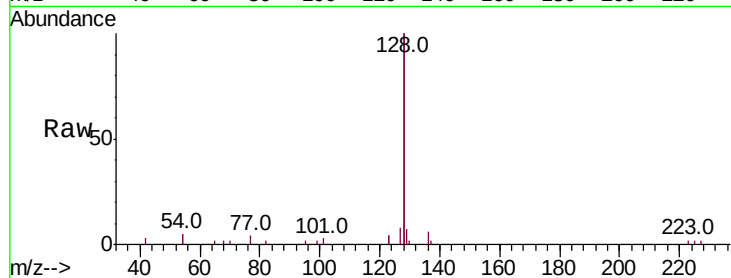
Tot Ion:128 Resp: 12743

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

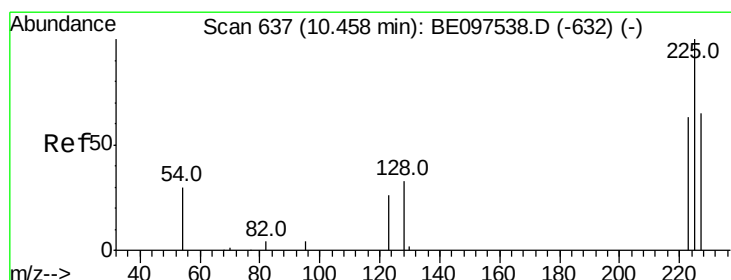
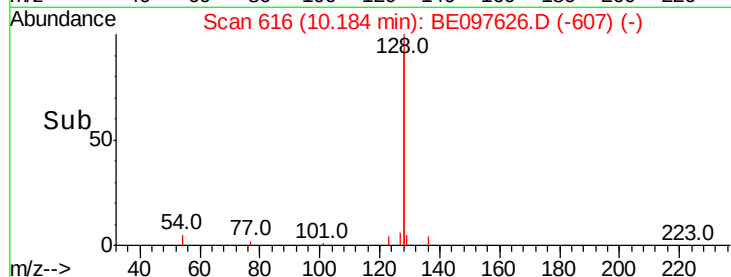
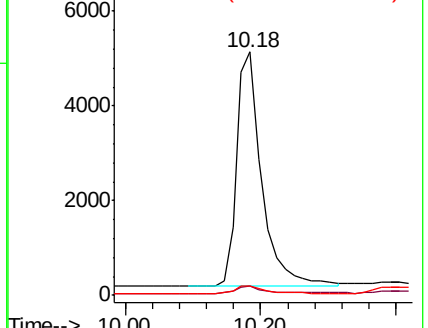
127 3.9 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.382 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

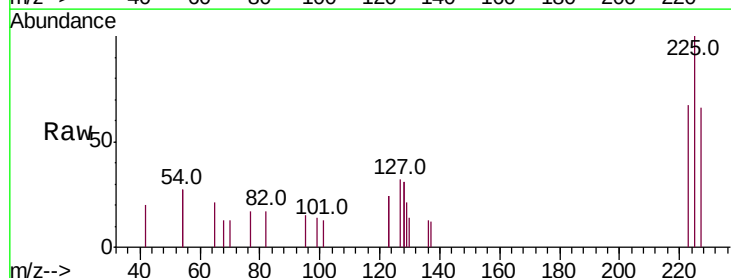
Tgt Ion:225 Resp: 563

Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

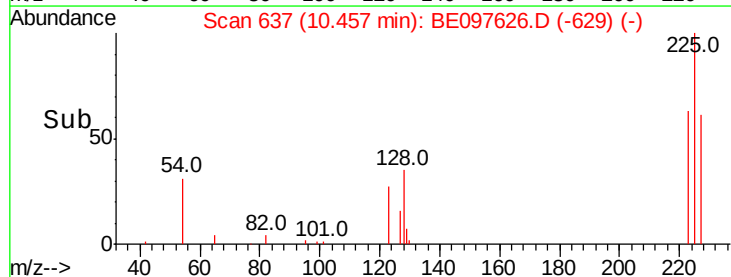
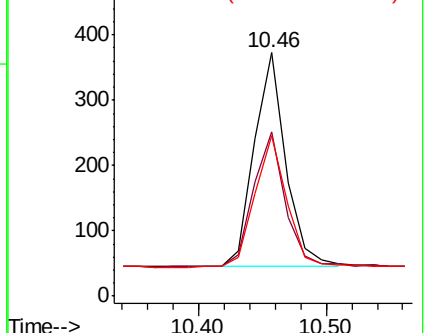
227 63.9 51.4 77.2

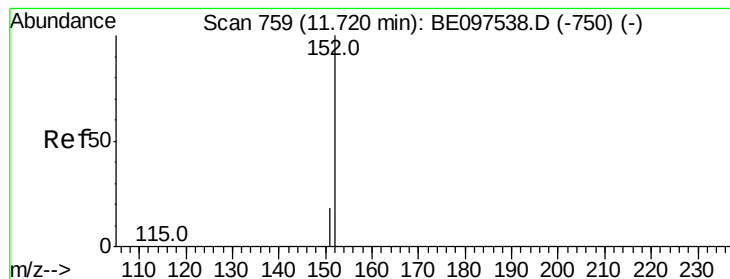


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

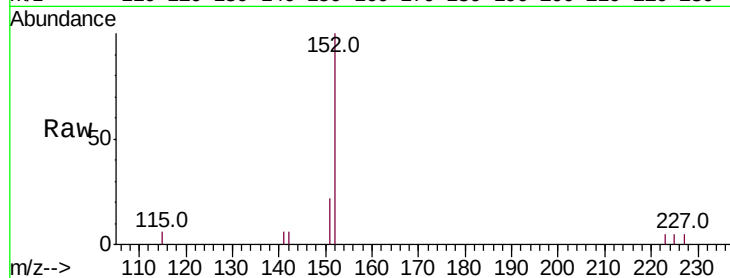
ClientSampleId :

Tot Ion:152 Resp: 2056

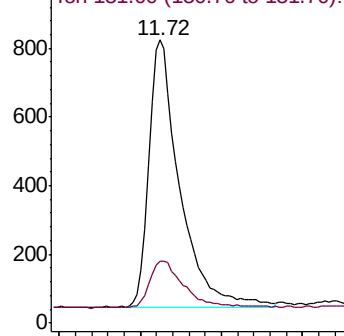
Ion Ratio Lower Upper

152 100

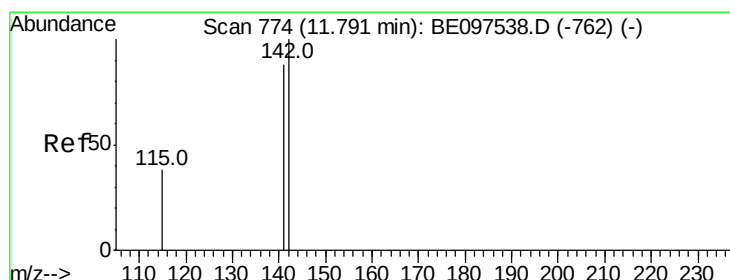
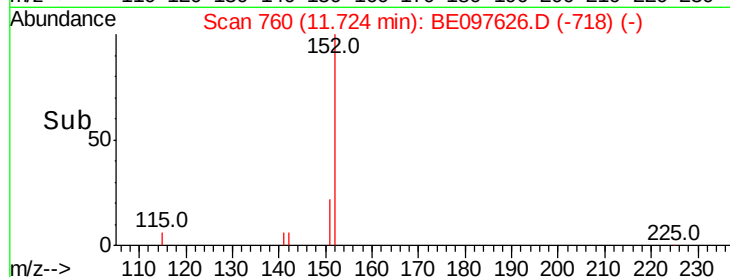
151 17.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E



Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.412 ng

RT: 11.80 min Scan# 776

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

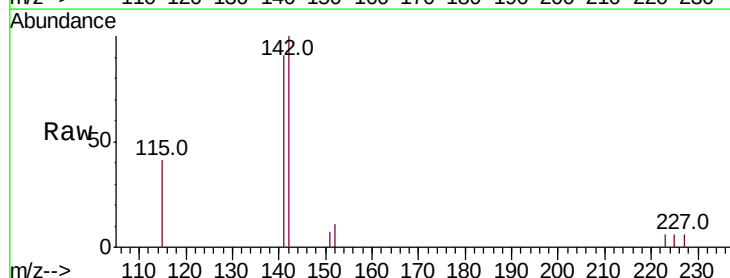
Tgt Ion:142 Resp: 2052

Ion Ratio Lower Upper

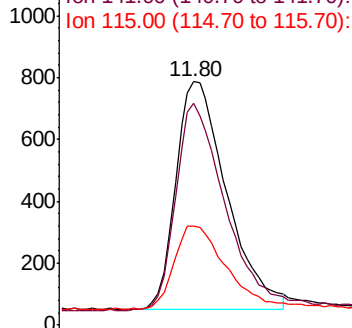
142 100

141 91.0 70.4 105.6

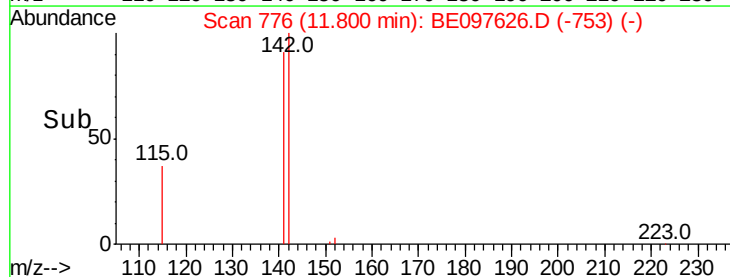
115 40.8 31.7 47.5

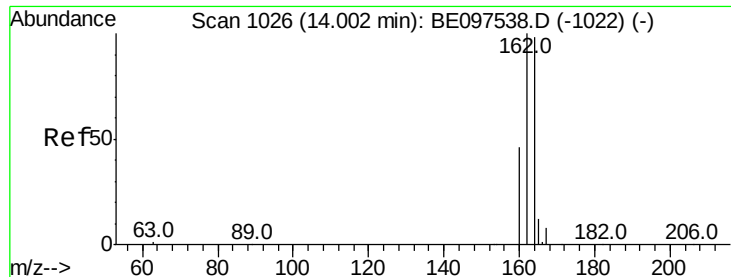


Abundance Ion 142.00 (141.70 to 142.70): E



Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampled :

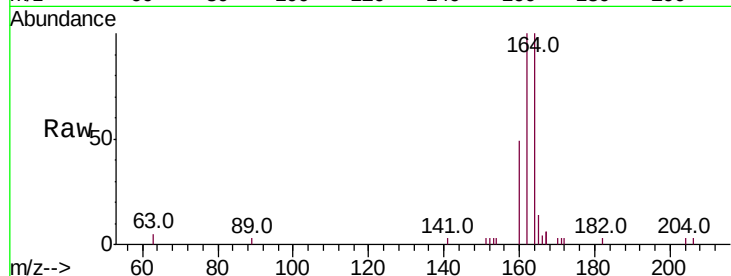
Tot Ion:164 Resp: 2542

Ion Ratio Lower Upper

164 100

162 100.2 83.1 124.7

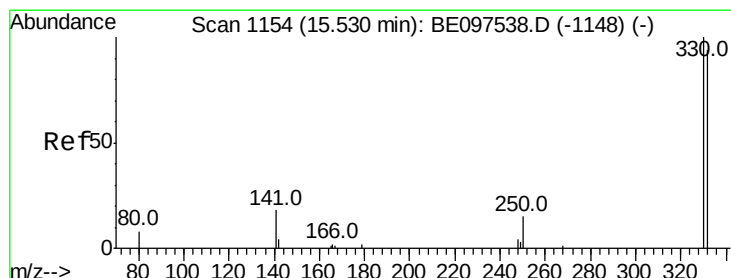
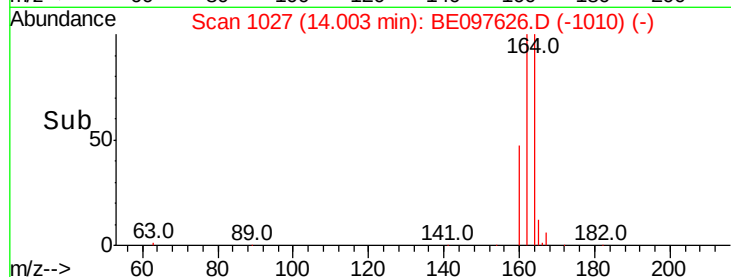
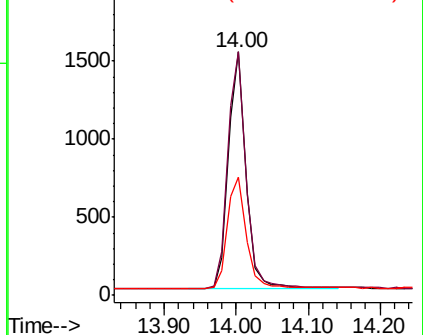
160 48.8 37.1 55.7



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: 0.402 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

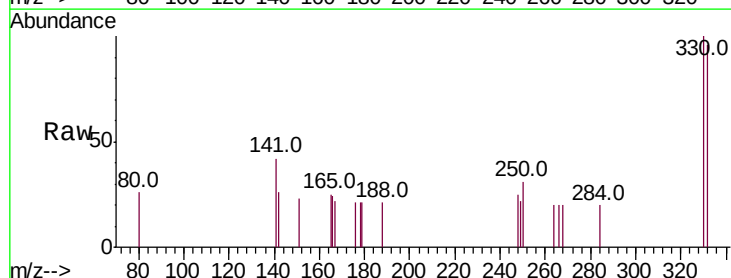
Tgt Ion:330 Resp: 382

Ion Ratio Lower Upper

330 100

332 98.7 152.7 229.1#

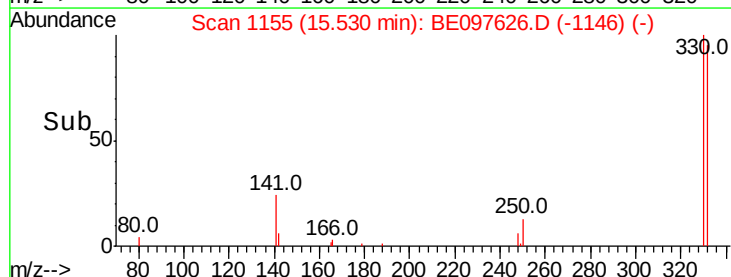
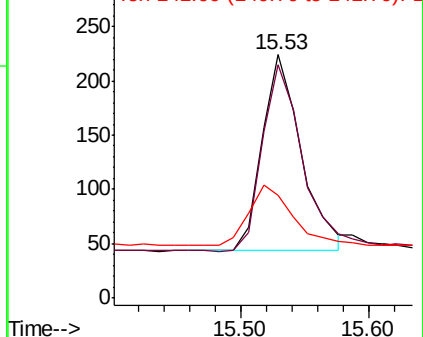
141 34.3 33.7 50.5

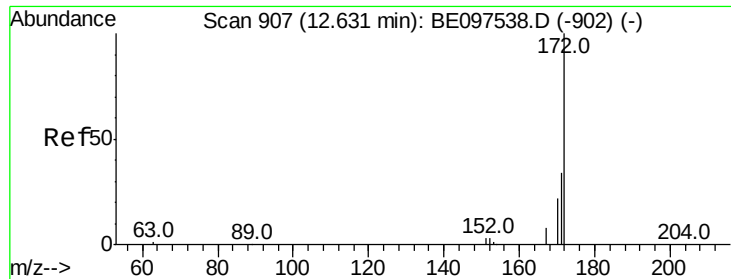


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

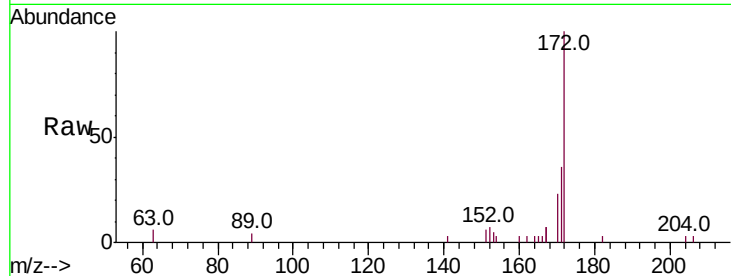




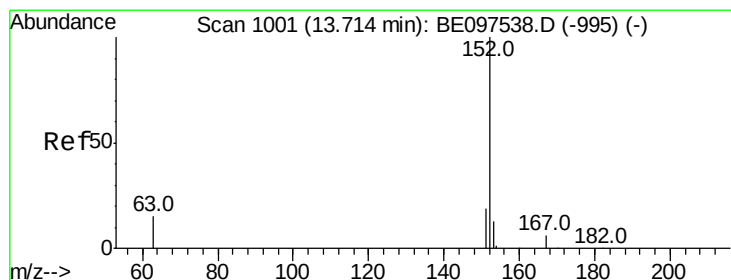
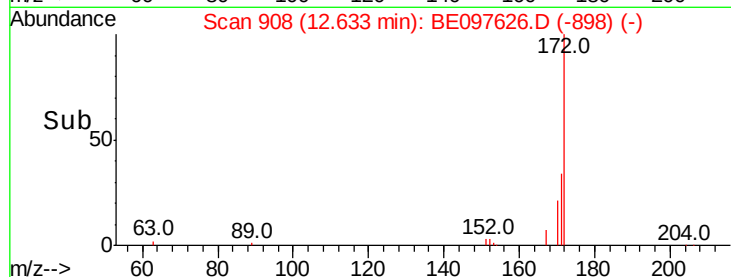
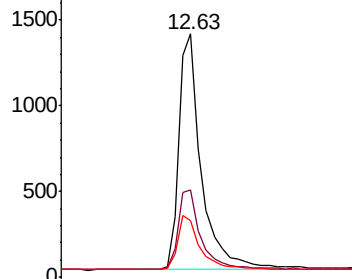
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097626.D
Acq: 22 Sep 2018 00:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3194
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 23.5 21.8 32.8

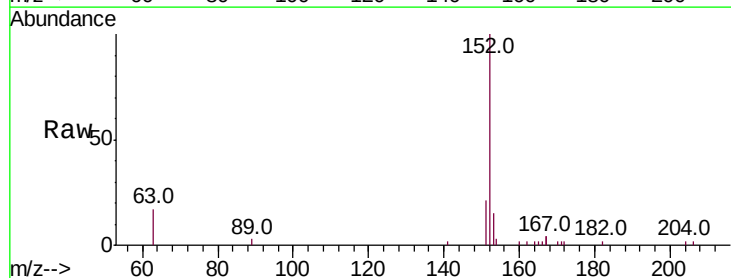


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

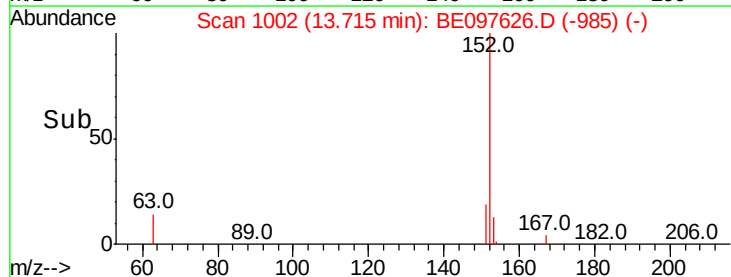
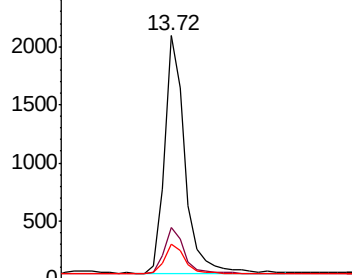


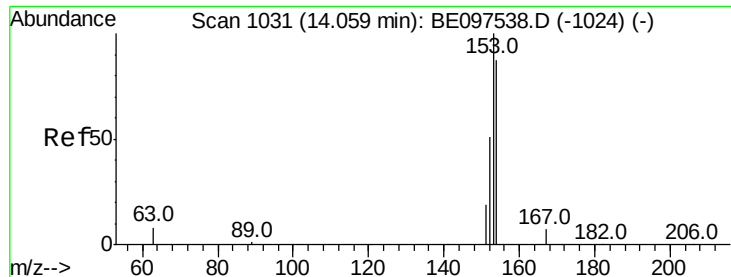
#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097626.D
Acq: 22 Sep 2018 00:03

Tgt Ion:152 Resp: 3843
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.8 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

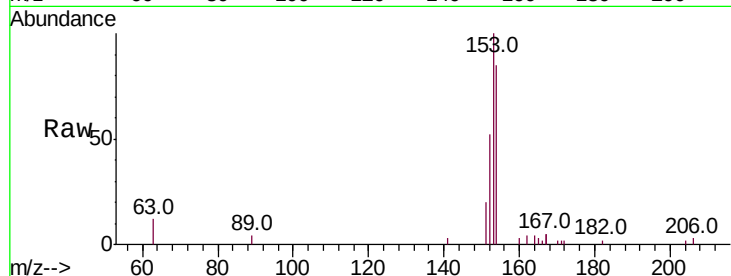




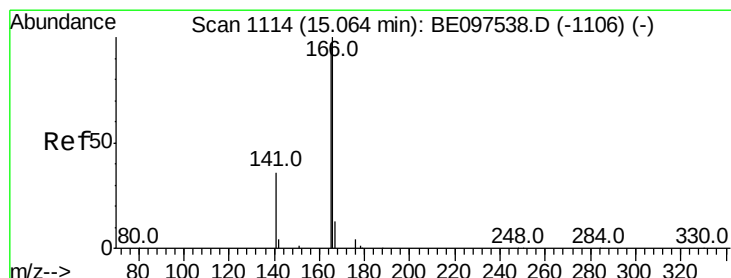
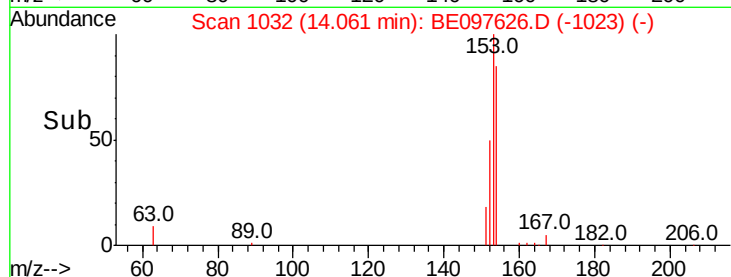
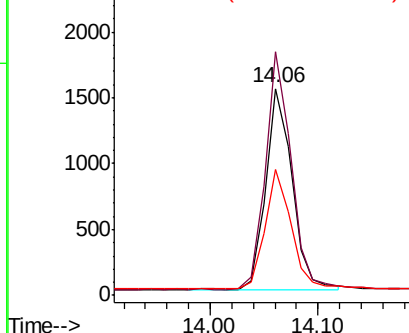
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097626.D
Acq: 22 Sep 2018 00:03

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 2606
Ion Ratio Lower Upper
154 100
153 115.0 89.2 133.8
152 58.1 42.0 63.0

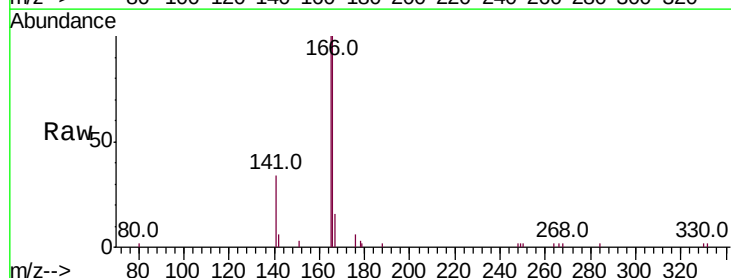


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

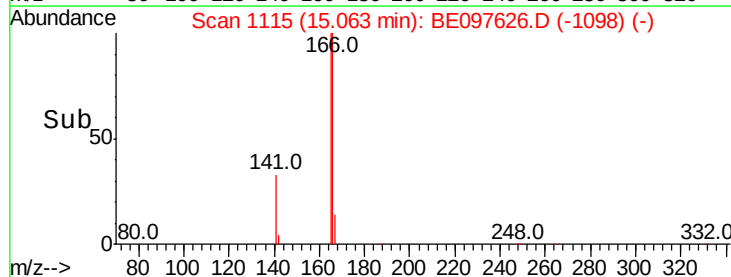
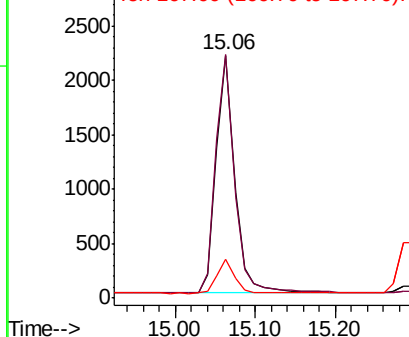


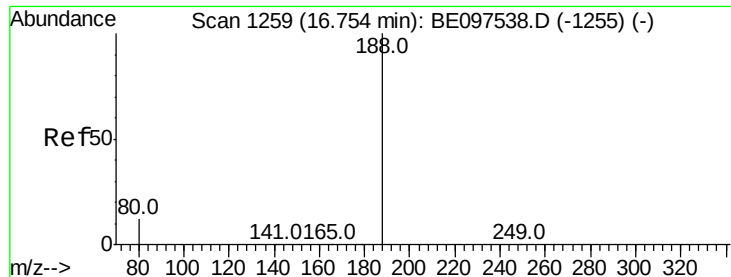
#18
Fluorene
Concen: 0.408 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097626.D
Acq: 22 Sep 2018 00:03

Tgt Ion:166 Resp: 3583
Ion Ratio Lower Upper
166 100
165 101.2 77.8 116.6
167 13.6 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: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampled :

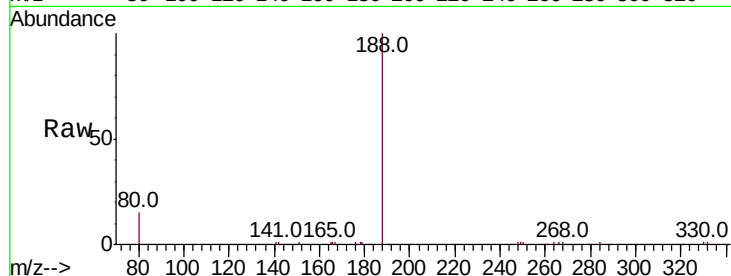
Tot Ion:188 Resp: 7712

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

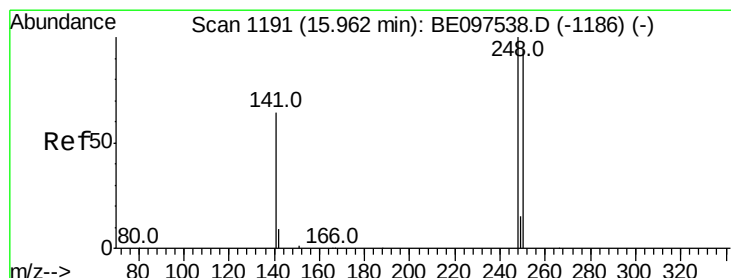
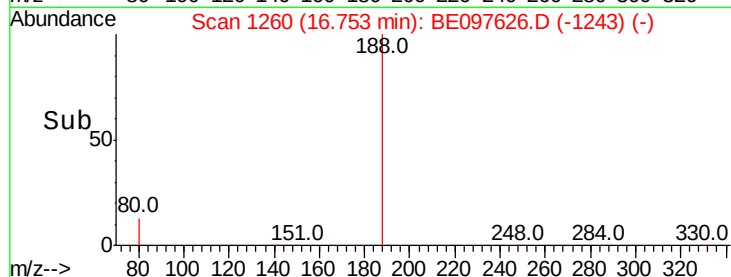
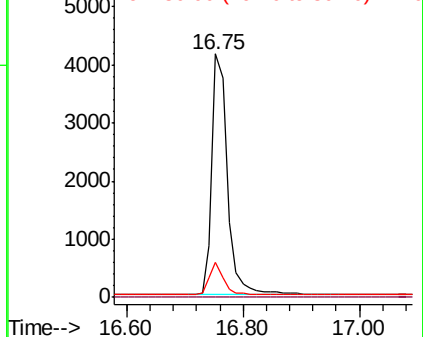
80 14.6 3.6 5.4#



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: 0.385 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

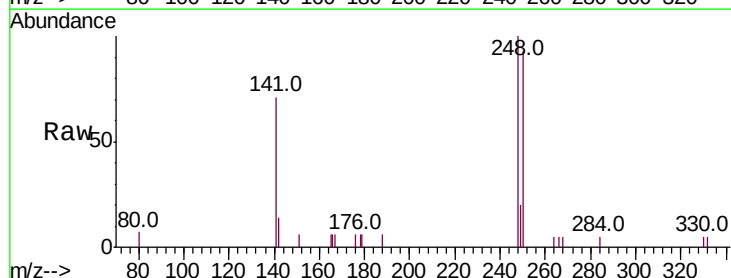
Tgt Ion:248 Resp: 1338

Ion Ratio Lower Upper

248 100

250 93.5 62.7 94.1

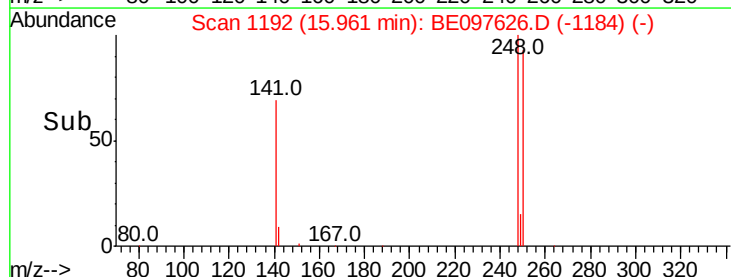
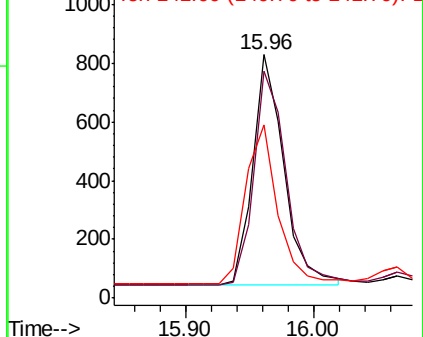
141 70.9 48.2 72.2

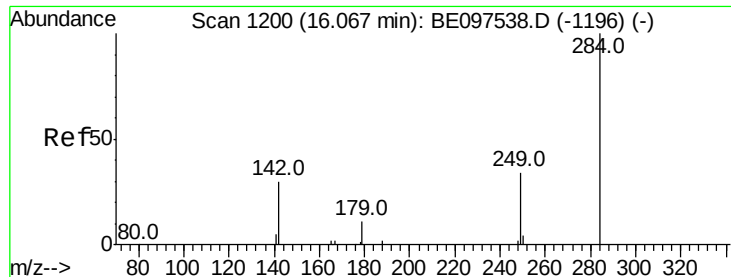


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.00 min

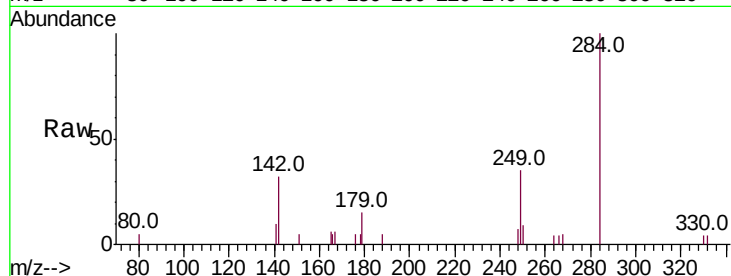
Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 1572

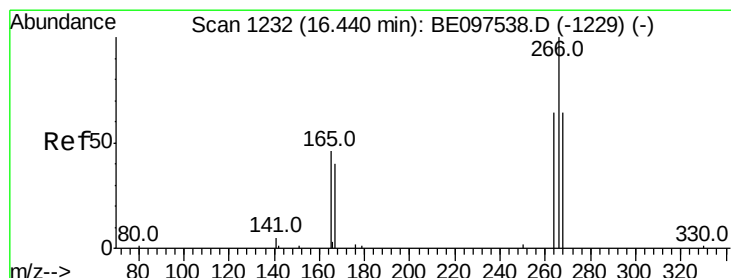
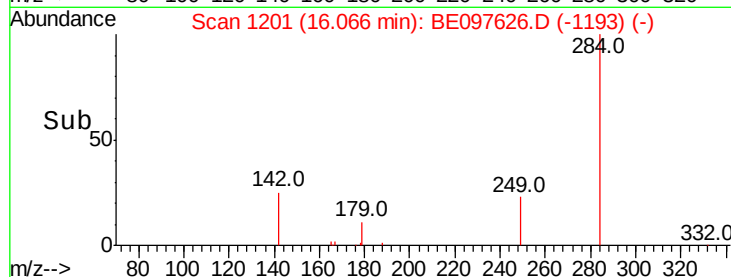
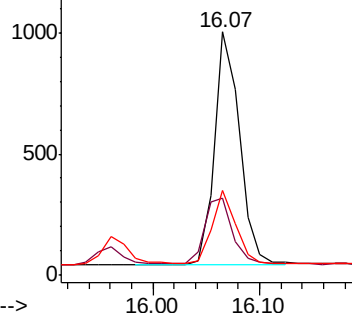
Ion	Ratio	Lower	Upper
284	100		
142	30.6	22.1	33.1
249	29.6	34.8	52.2



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: 0.300 ng

RT: 16.45 min Scan# 1234

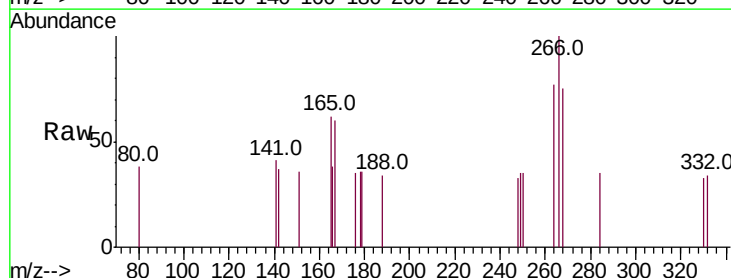
Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Tgt Ion:266 Resp: 292

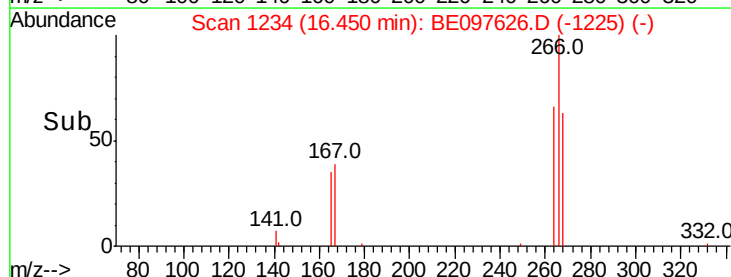
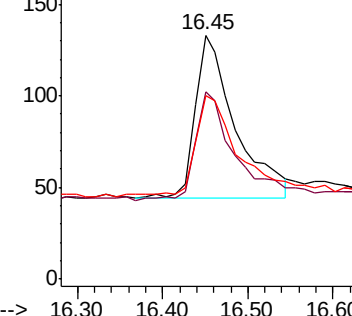
Ion	Ratio	Lower	Upper
266	100		
264	76.7	72.5	108.7
268	75.2	73.8	110.6

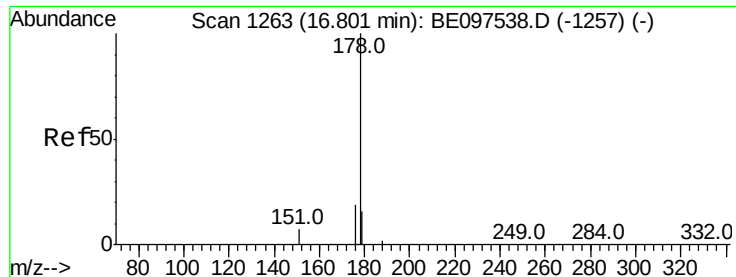


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

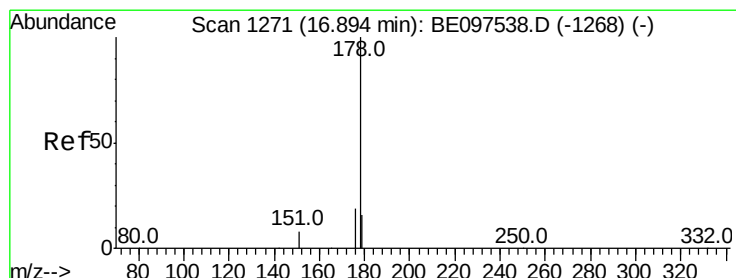
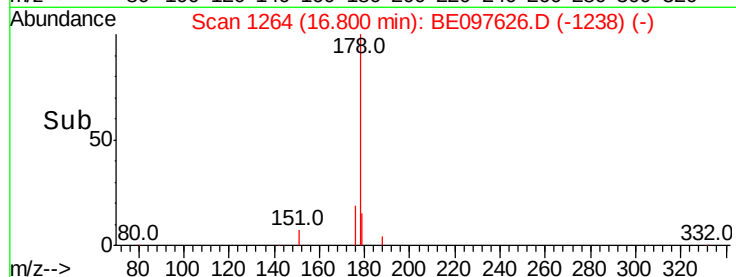
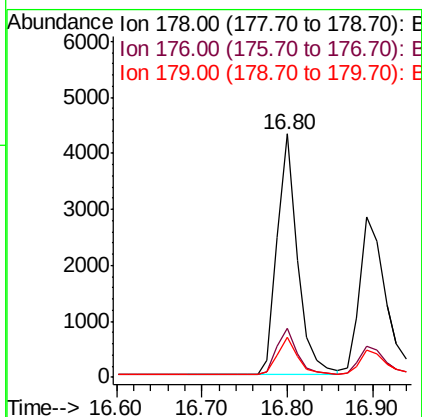
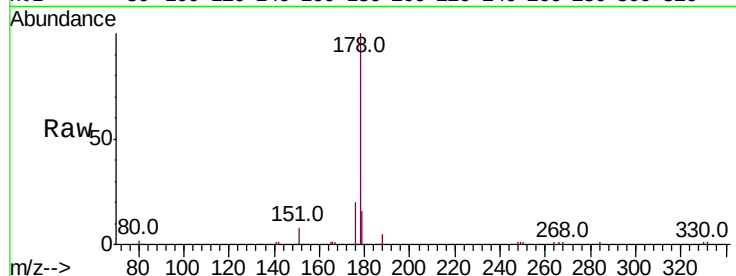




#23
 Phenanthrene
 Concen: 0.389 ng
 RT: 16.80 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BE097626.D
 Acq: 22 Sep 2018 00:03

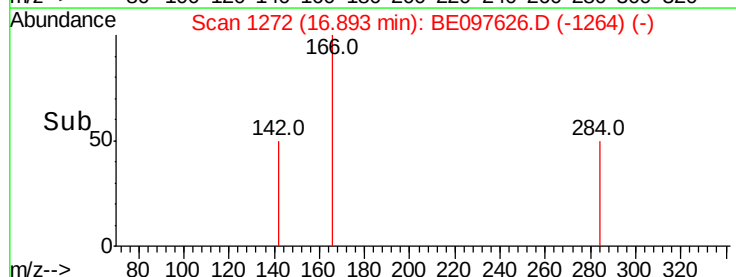
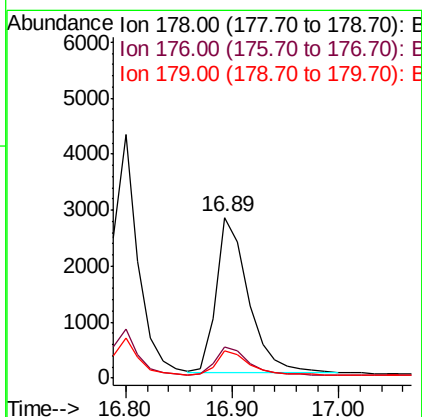
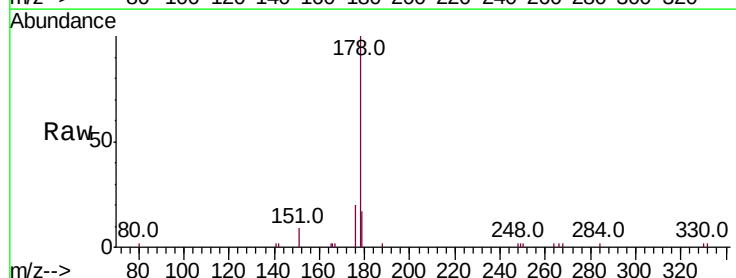
Instrument :
 BNA_E
 ClientSampled :

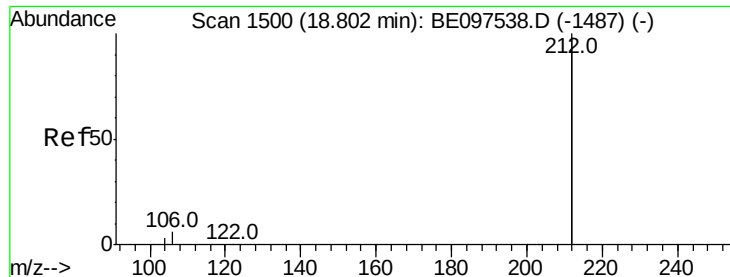
Tot Ion:178 Resp: 7130
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.1 22.7
 179 15.4 11.8 17.6



#24
 Anthracene
 Concen: 0.355 ng
 RT: 16.89 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BE097626.D
 Acq: 22 Sep 2018 00:03

Tgt Ion:178 Resp: 5751
 Ion Ratio Lower Upper
 178 100
 176 18.3 12.8 19.2
 179 15.4 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

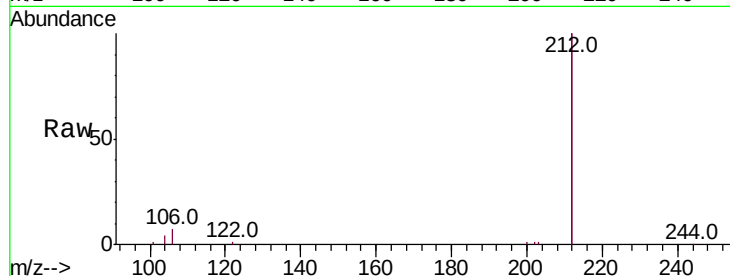
Tot Ion:212 Resp: 31483

Ion Ratio Lower Upper

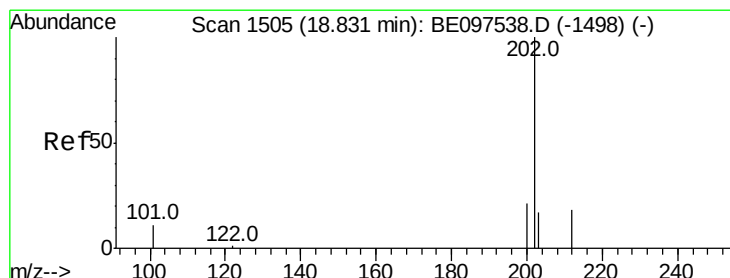
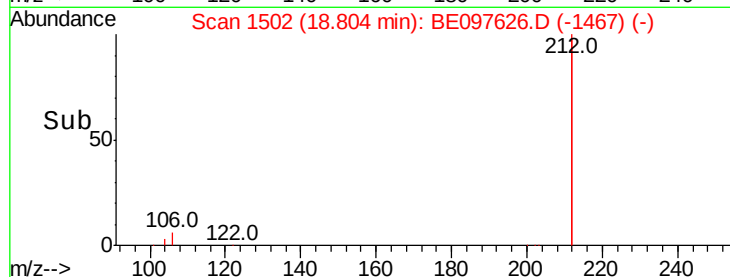
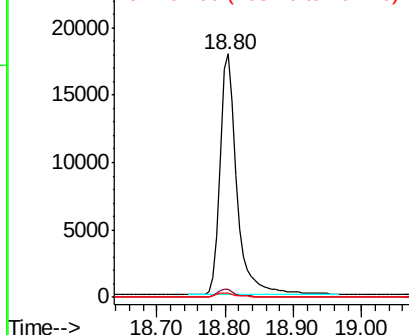
212 100

106 3.2 2.8 4.2

104 1.8 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: 0.326 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

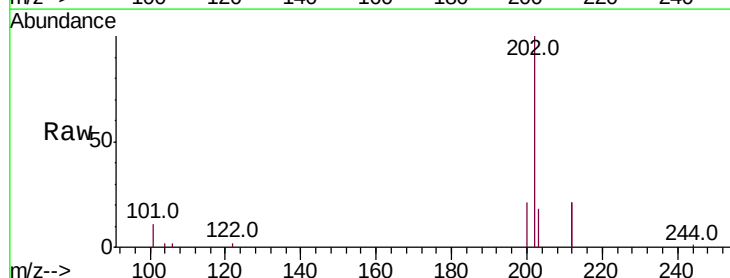
Tgt Ion:202 Resp: 8270

Ion Ratio Lower Upper

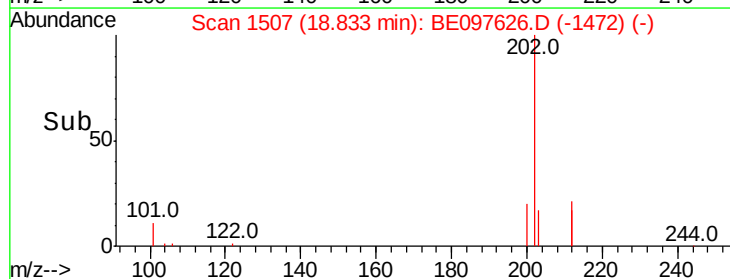
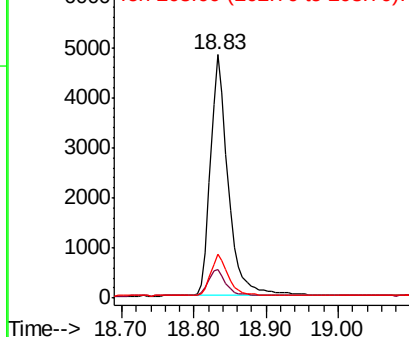
202 100

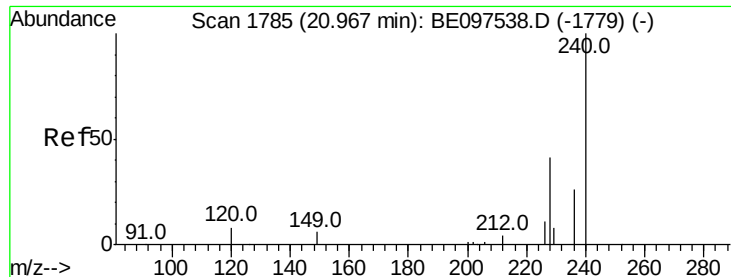
101 11.2 9.8 14.8

203 17.1 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: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

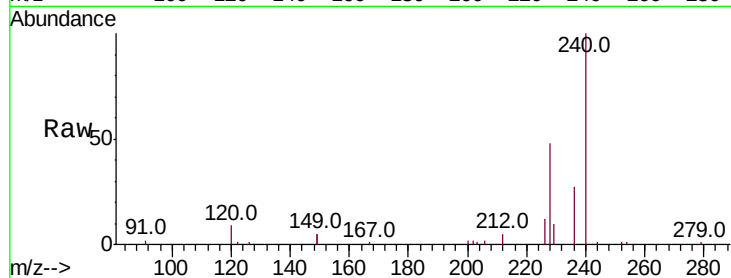
Tot Ion:240 Resp: 8160

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

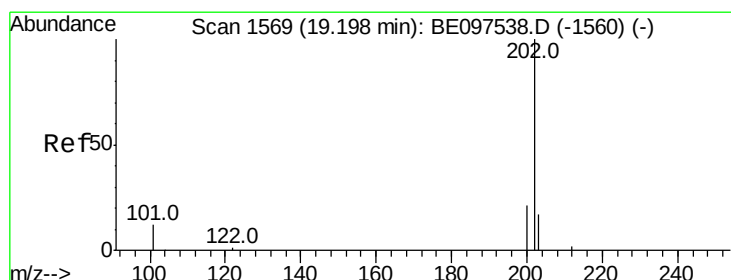
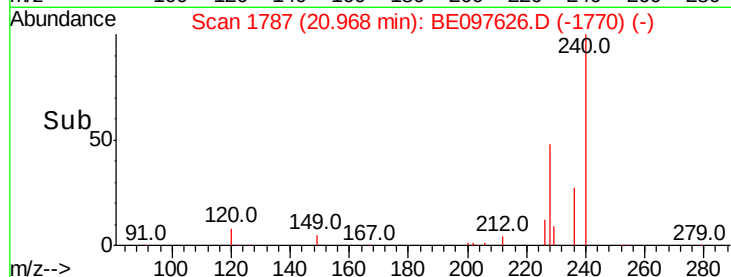
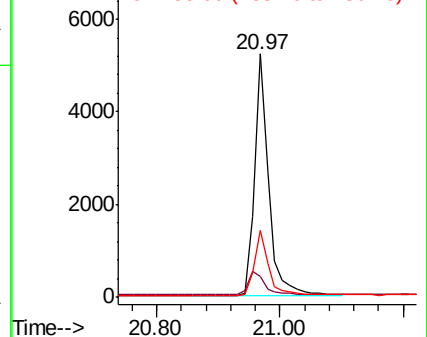
236 27.3 20.7 31.1



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: 0.450 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

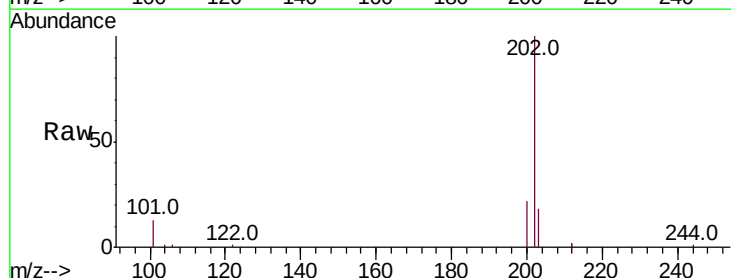
Tgt Ion:202 Resp: 8363

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

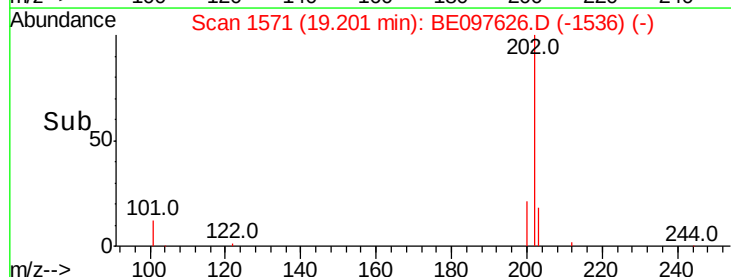
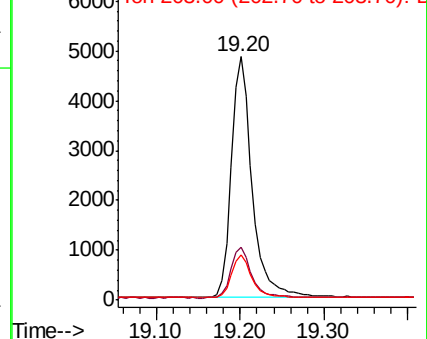
203 17.7 13.8 20.8

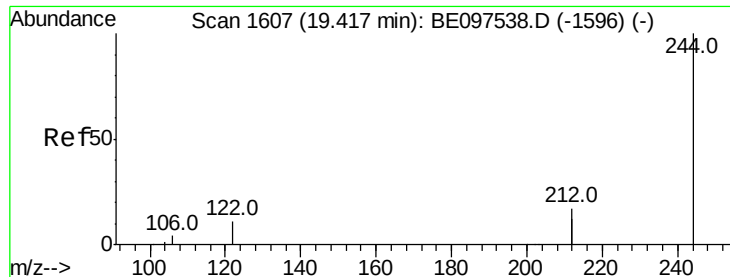


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

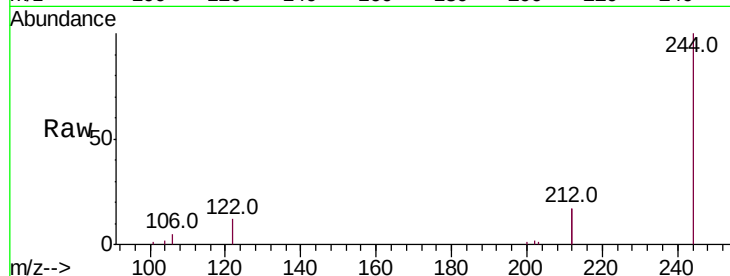
Tot Ion:244 Resp: 6225

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

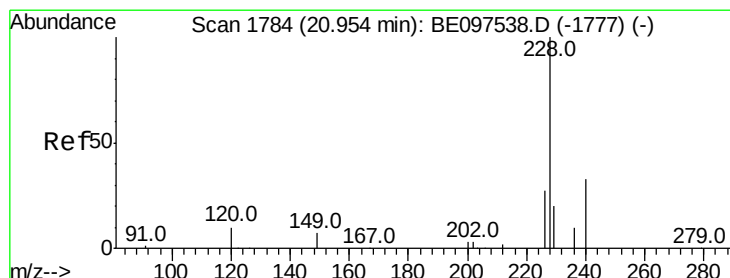
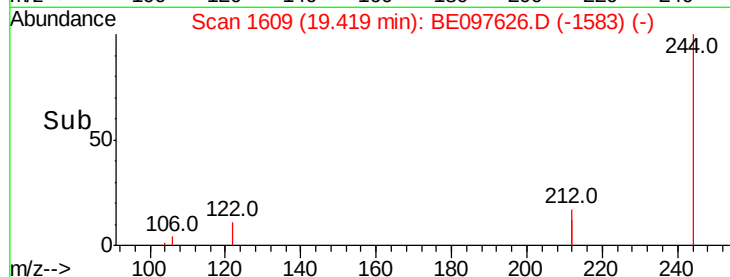
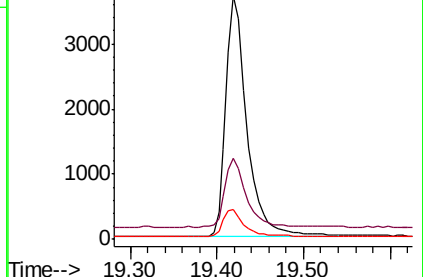
122 12.0 8.1 12.1



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: 0.352 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

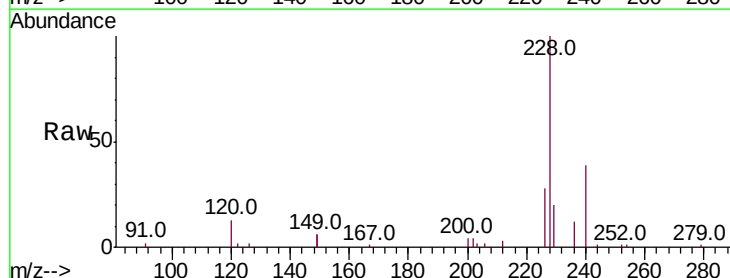
Tgt Ion:228 Resp: 7239

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

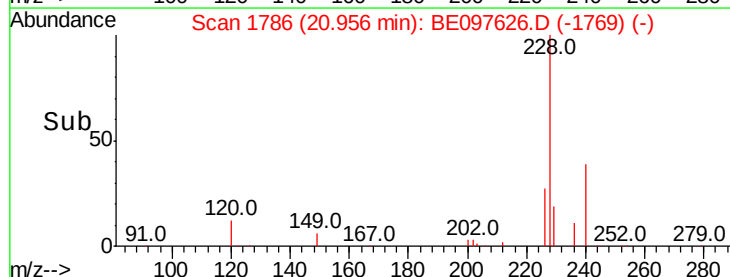
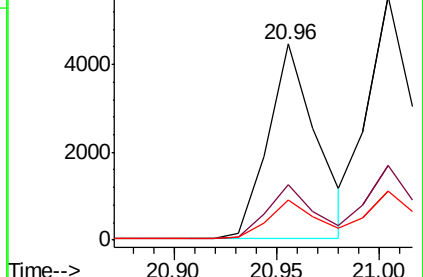
229 20.2 16.0 24.0

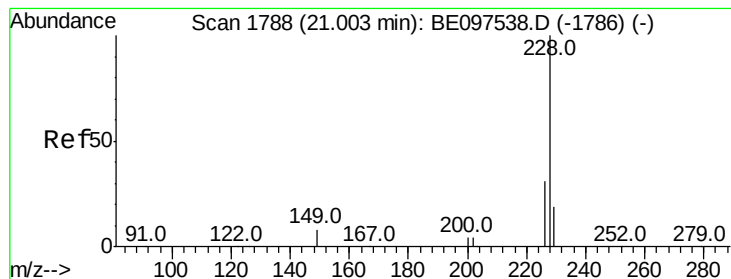


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.412 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

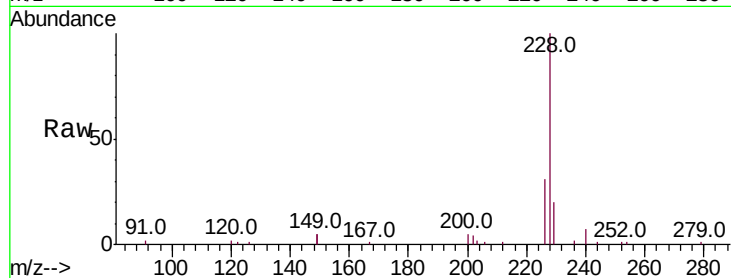
Tot Ion:228 Resp: 9089

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	20.1	16.0	24.0

228 100

226 30.9 24.0 36.0

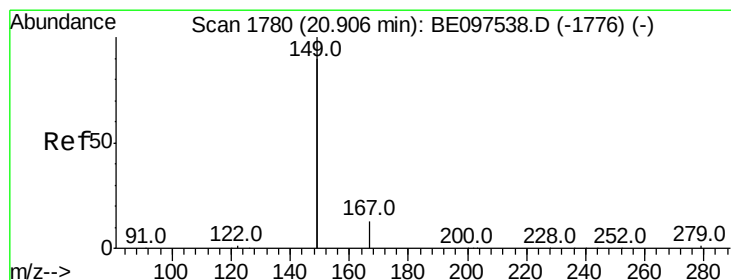
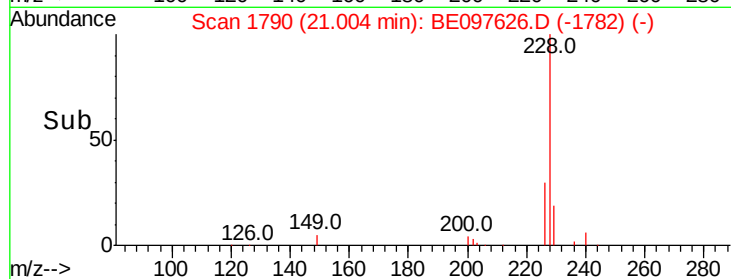
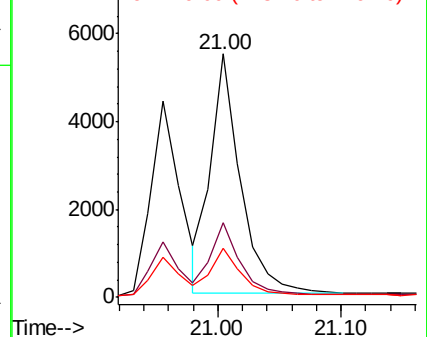
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.265 ng

RT: 20.90 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

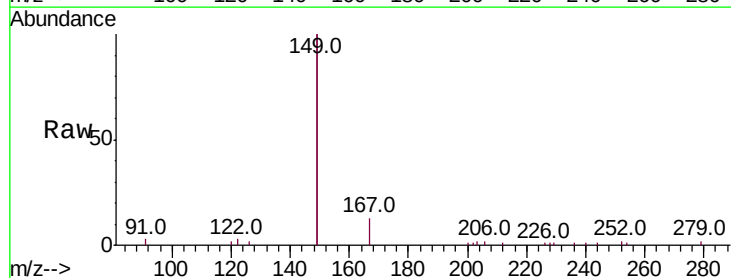
Tgt Ion:149 Resp: 8800

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1

149 100

167 6.5 5.4 8.0

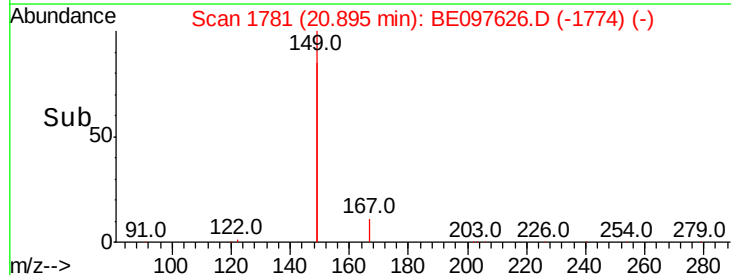
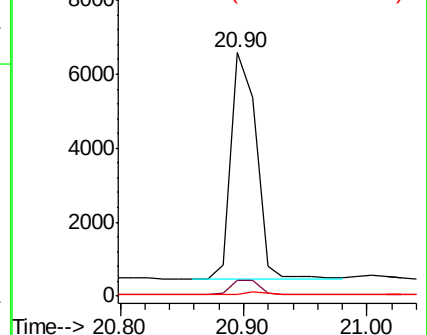
279 1.0 0.7 1.1

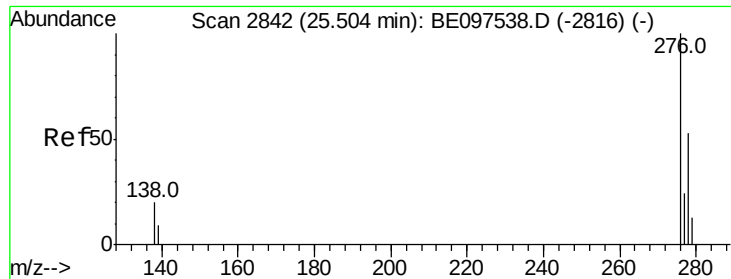


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

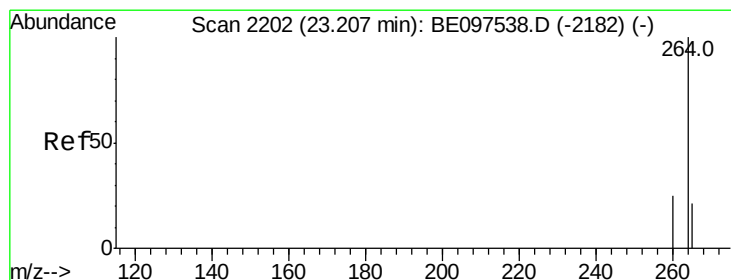
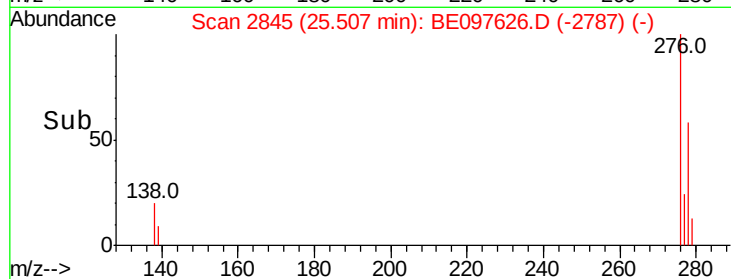
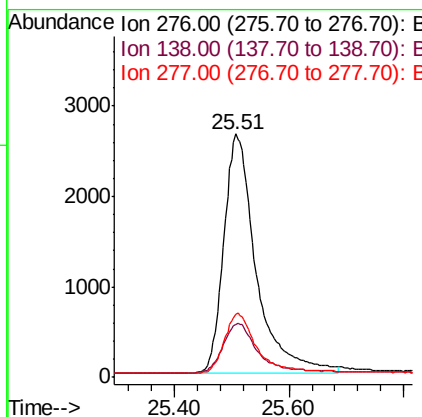
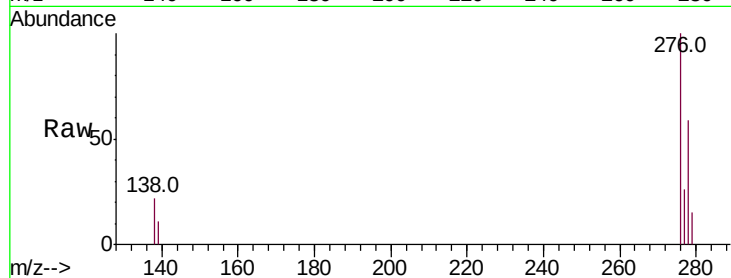




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. 0.01 min
 Lab File: BE097626.D
 Acq: 22 Sep 2018 00:03

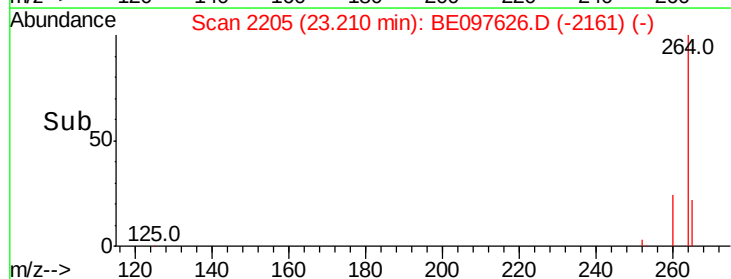
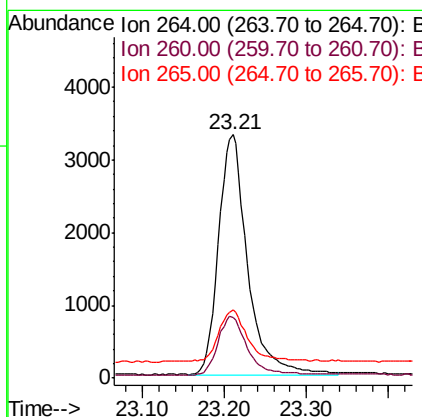
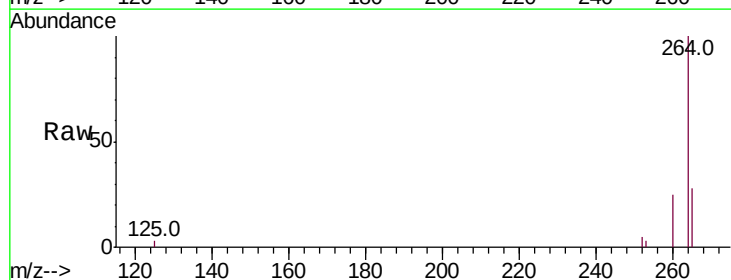
Instrument :
 BNA_E
 ClientSampleId :

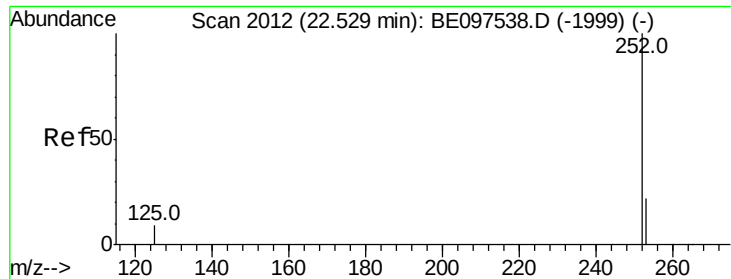
Tot Ion:276 Resp: 10366
 Ion Ratio Lower Upper
 276 100
 138 21.7 22.5 33.7#
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: BE097626.D
 Acq: 22 Sep 2018 00:03

Tgt Ion:264 Resp: 8085
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.5 30.7
 265 28.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.368 ng

RT: 22.53 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

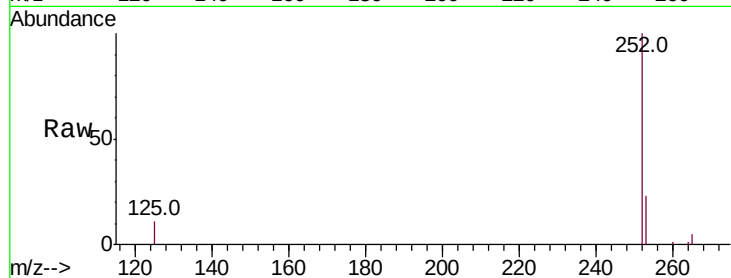
Tot Ion:252 Resp: 7630

Ion Ratio Lower Upper

252 100

253 23.3 20.0 30.0

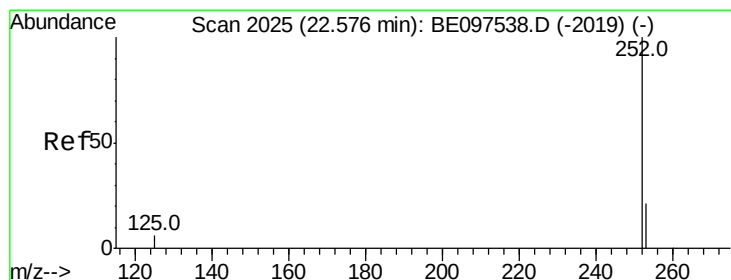
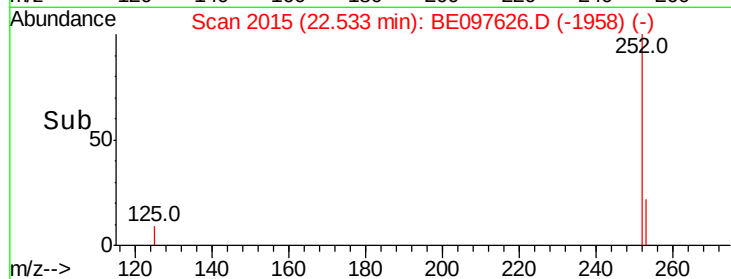
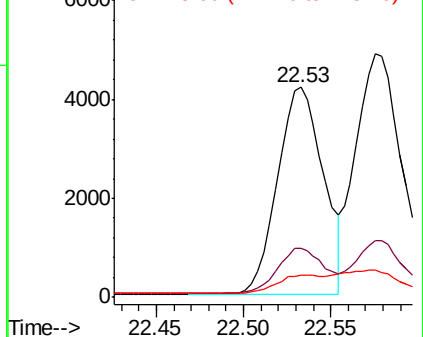
125 10.8 16.0 24.0#



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: 0.408 ng

RT: 22.58 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

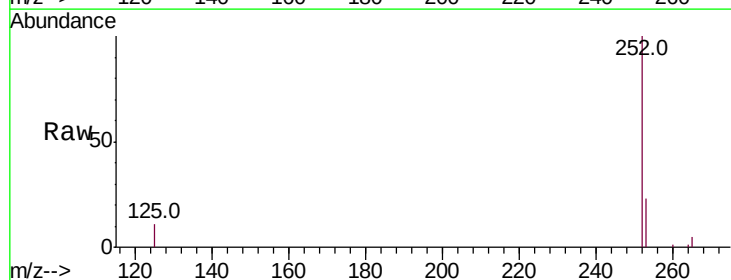
Tgt Ion:252 Resp: 9659

Ion Ratio Lower Upper

252 100

253 23.1 16.0 24.0

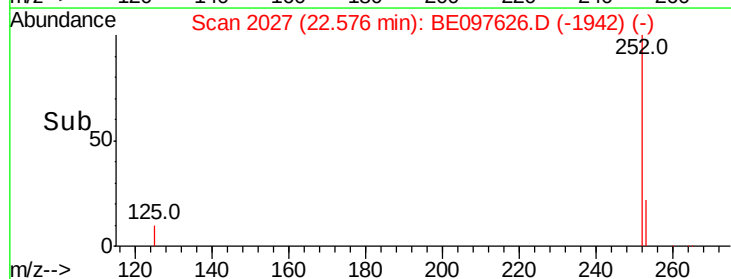
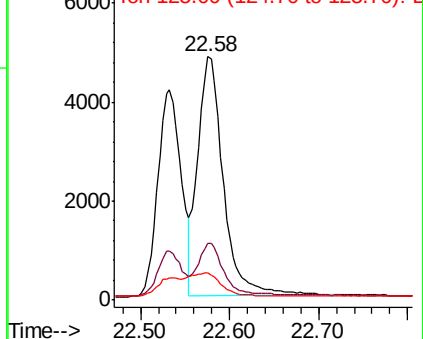
125 11.2 8.0 12.0

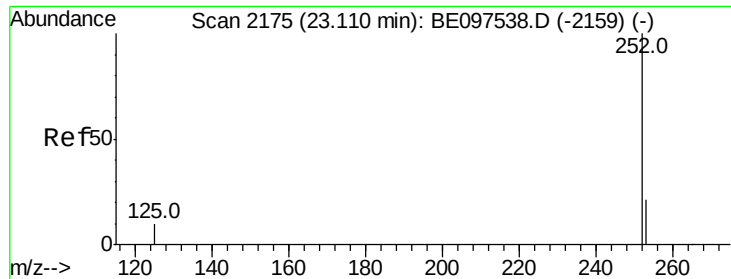


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.11 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

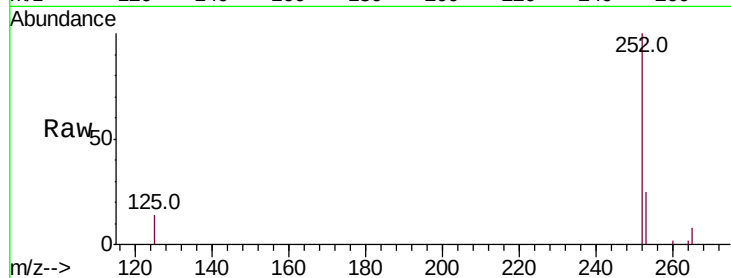
Tot Ion:252 Resp: 7752

Ion Ratio Lower Upper

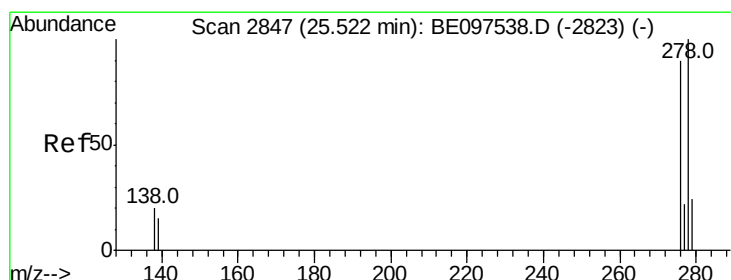
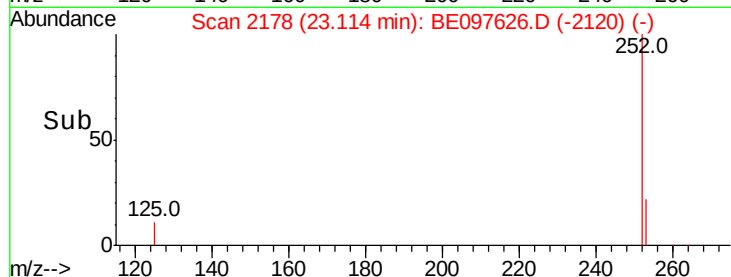
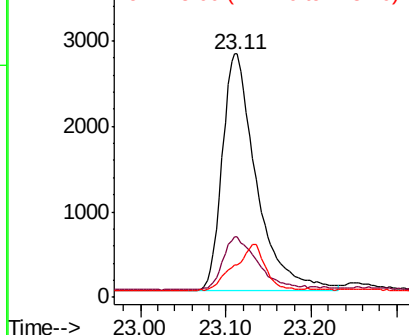
252 100

253 24.9 16.0 24.0#

125 13.5 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: 0.394 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

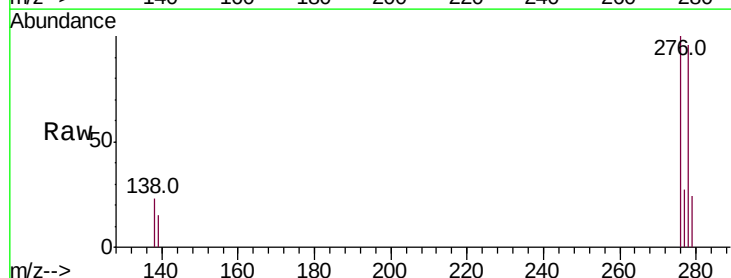
Tgt Ion:278 Resp: 8559

Ion Ratio Lower Upper

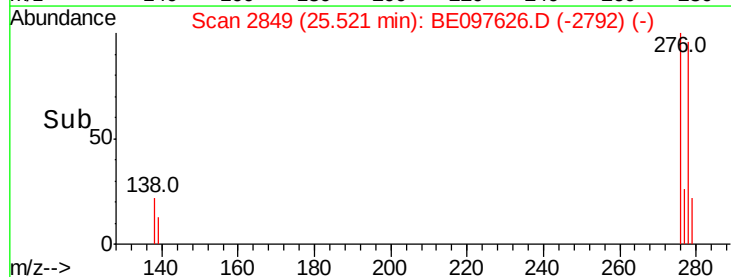
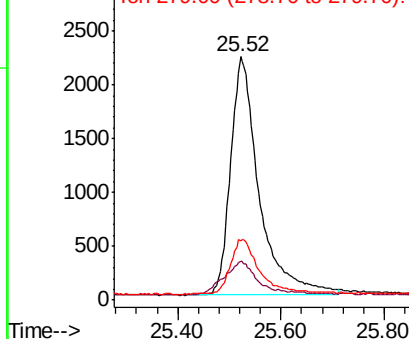
278 100

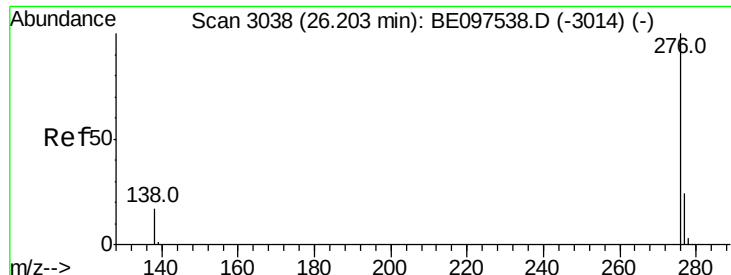
139 15.8 16.0 24.0#

279 24.6 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: 0.392 ng

RT: 26.21 min Scan# 3043

Delta R.T. 0.01 min

Lab File: BE097626.D

Acq: 22 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

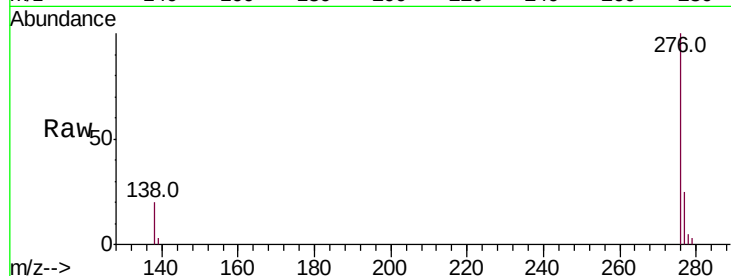
Tot Ion:276 Resp: 8287

Ion Ratio Lower Upper

276 100

277 25.5 16.0 24.0#

138 20.4 20.0 30.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

