

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
 Data File : BE097351.D
 Acq On : 22 Aug 2018 17:19
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 22 17:58:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 16:06:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	911	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4351	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2519	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	6306	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8242	0.40	ng	0.00
34) Perylene-d12	23.21	264	7121	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	8355	4.00	ng	0.00
5) Phenol-d6	6.58	99	11712	3.78	ng	-0.01
8) Nitrobenzene-d5	8.51	82	10594	5.69	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	19634	3.34	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	3308	7.97	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	28406	2.75	ng	0.00
25) Fluoranthene-d10	18.80	212	237327	4.22	ng	0.00
29) Terphenyl-d14	19.42	244	48561	2.94	ng	0.00

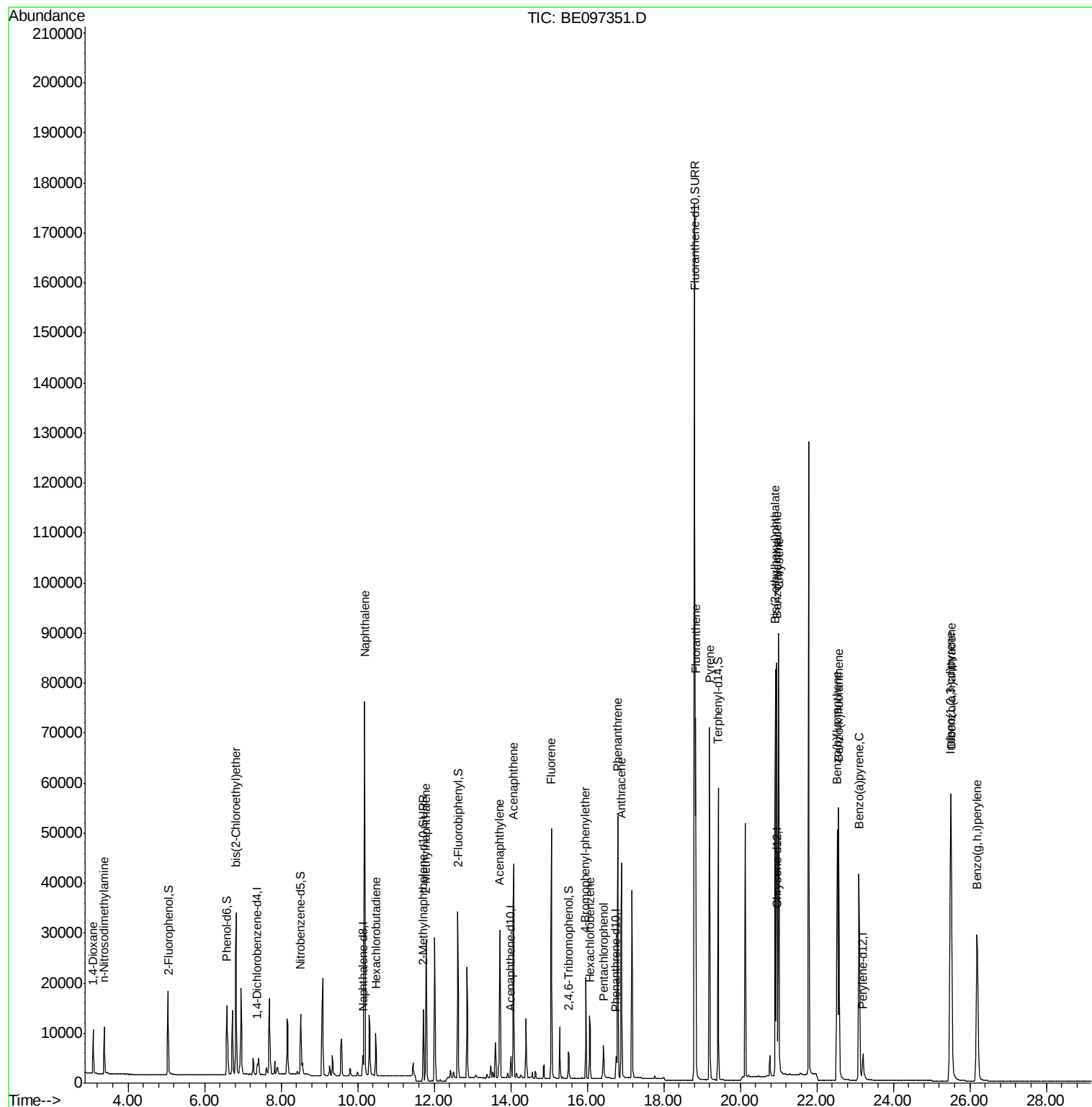
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	4782	3.312	ng	# 88
3) n-Nitrosodimethylamine	3.37	42	5124	4.065	ng	# 96
6) bis(2-Chloroethyl)ether	6.83	93	10683	3.468	ng	96
9) Naphthalene	10.18	128	123381	3.094	ng	99
10) Hexachlorobutadiene	10.47	225	5476	3.121	ng	97
12) 2-Methylnaphthalene	11.79	142	20471	3.409	ng	99
16) Acenaphthylene	13.72	152	35086	3.660	ng	100
17) Acenaphthene	14.07	154	21558	3.182	ng	97
18) Fluorene	15.06	166	27432	3.314	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	9762	3.429	ng	# 82
21) Hexachlorobenzene	16.08	284	10468	2.740	ng	# 83
22) Pentachlorophenol	16.43	266	3783	10.090	ng	# 72
23) Phenanthrene	16.80	178	49408	3.212	ng	99
24) Anthracene	16.89	178	45380	3.986	ng	96
26) Fluoranthene	18.83	202	63624	4.293	ng	98
28) Pyrene	19.19	202	64520	2.916	ng	99
30) Benzo(a)anthracene	20.96	228	69893	3.944	ng	96
31) Chrysene	21.00	228	71073	3.060	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	97081	9.000	ng	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	76038	5.151	ng	# 94
35) Benzo(b)fluoranthene	22.53	252	63661	3.390	ng	# 86
36) Benzo(k)fluoranthene	22.57	252	71727	2.722	ng	97
37) Benzo(a)pyrene	23.10	252	60773	3.555	ng	# 93
38) Dibenzo(a,h)anthracene	25.51	278	64670	4.425	ng	# 93
39) Benzo(g,h,i)perylene	26.19	276	63935	4.340	ng	# 89

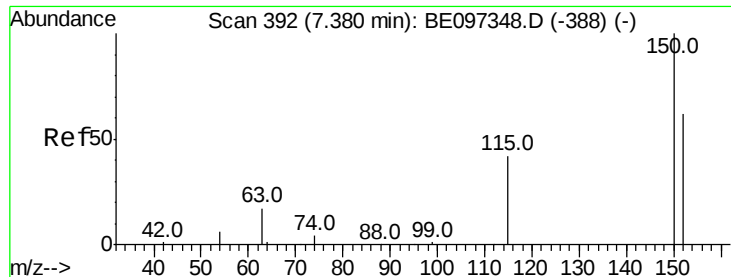
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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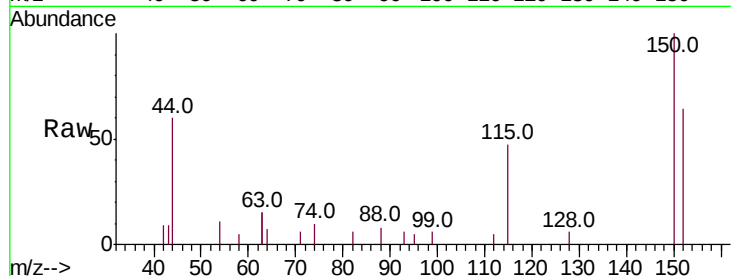


#1

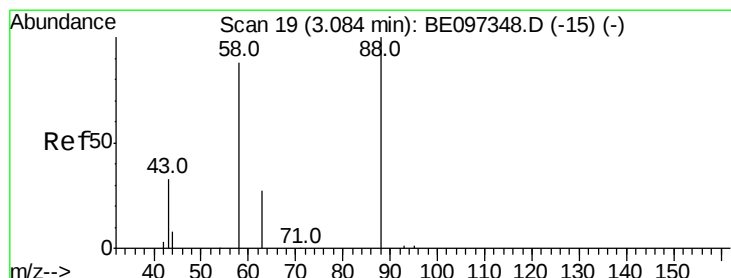
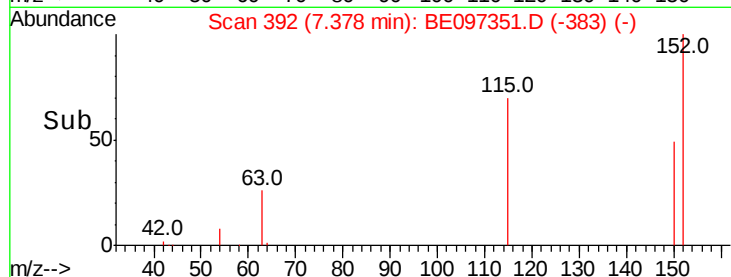
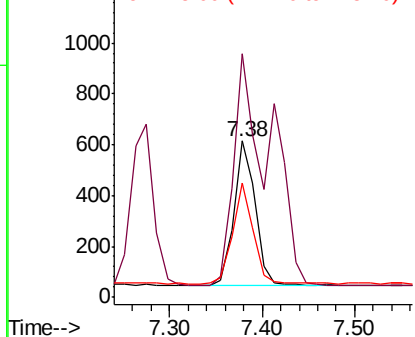
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 911
Ion Ratio Lower Upper
152 100
150 156.1 117.2 175.8
115 73.4 57.0 85.6



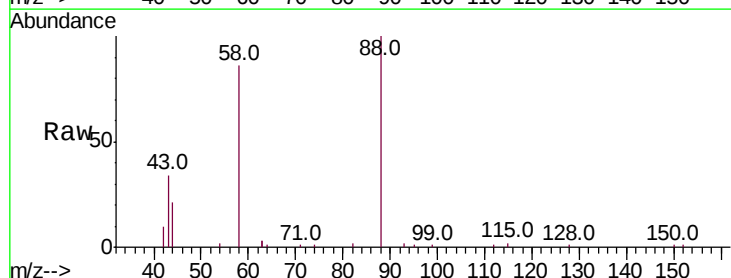
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



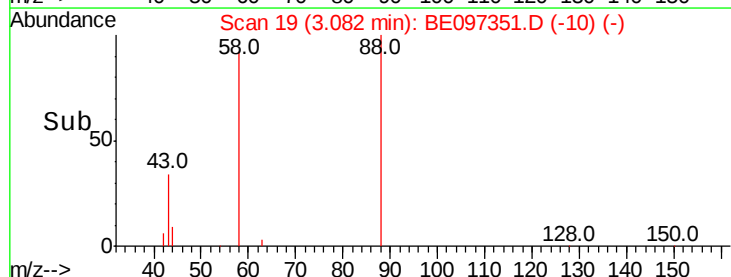
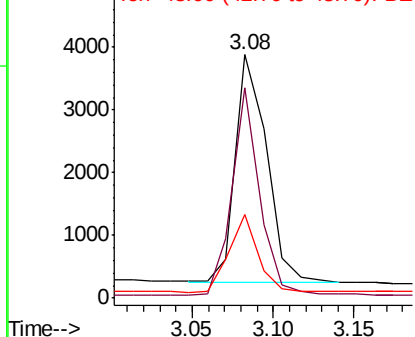
#2

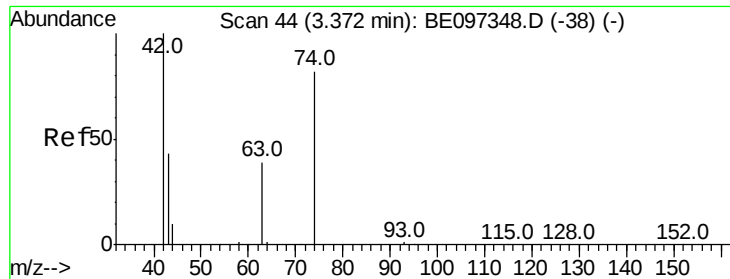
1,4-Dioxane
Concen: 3.312 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion: 88 Resp: 4782
Ion Ratio Lower Upper
88 100
58 80.8 63.2 94.8
43 31.6 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

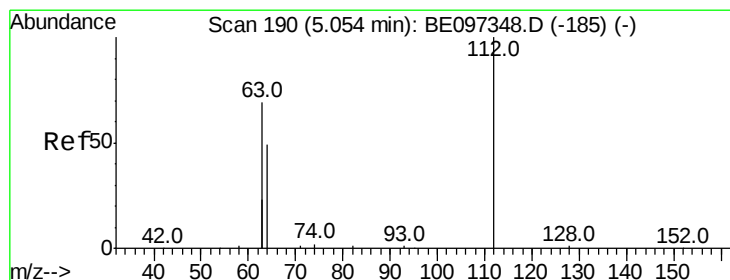
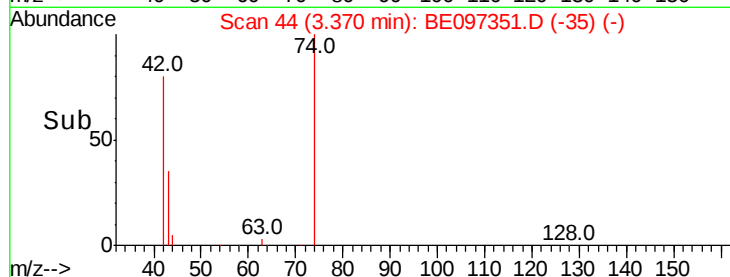
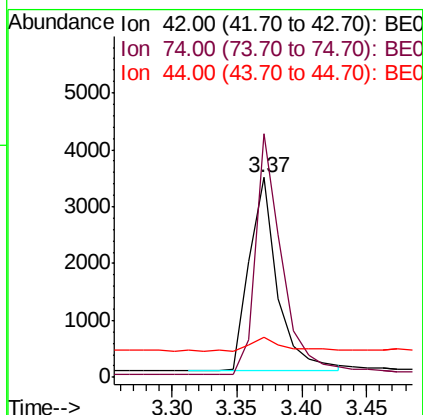
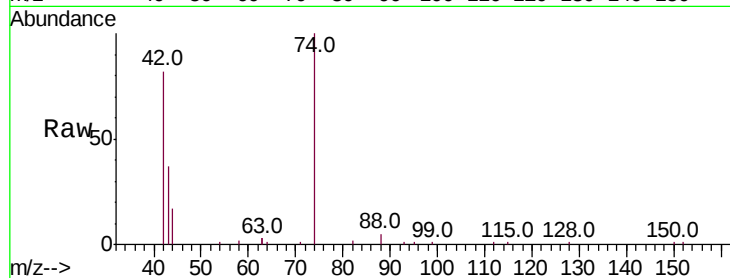




#3
 n-Nitrosodimethylamine
 Concen: 4.065 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.00 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

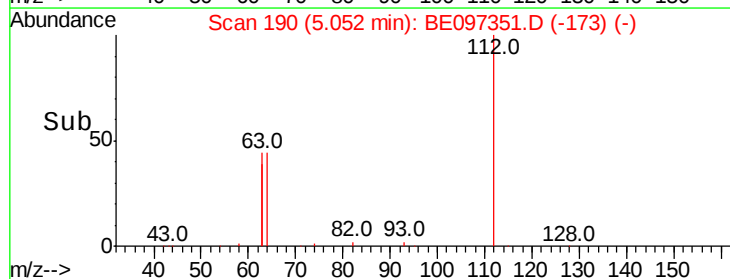
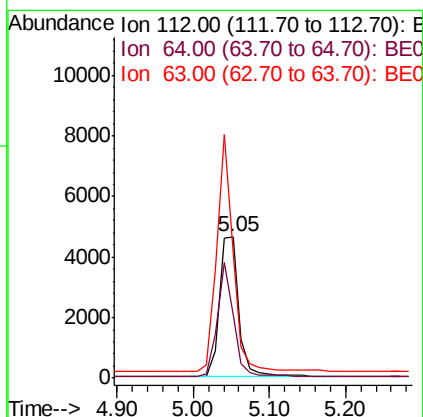
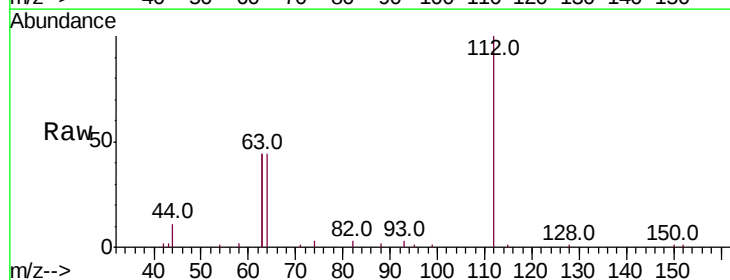
Instrument :
 BNA_E
 ClientSampleId :

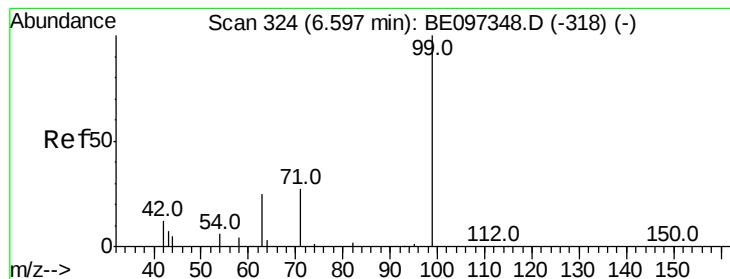
Tot Ion: 42 Resp: 5124
 Ion Ratio Lower Upper
 42 100
 74 117.1 96.0 144.0
 44 8.9 12.0 18.0#



#4
 2-Fluorophenol
 Concen: 4.002 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

Tgt Ion: 112 Resp: 8355
 Ion Ratio Lower Upper
 112 100
 64 67.5 60.1 90.1
 63 141.8 116.8 175.2





#5

Phenol-d6

Concen: 3.783 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampled :

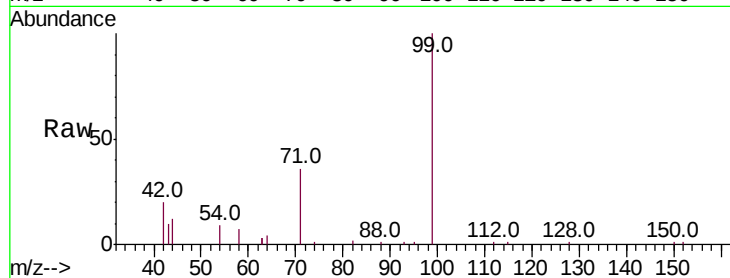
Tot Ion: 99 Resp: 11712

Ion Ratio Lower Upper

99 100

42 21.9 20.2 30.2

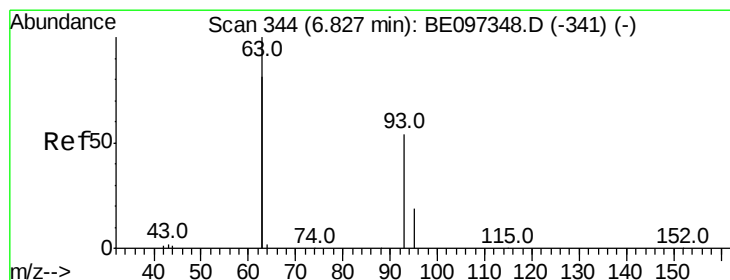
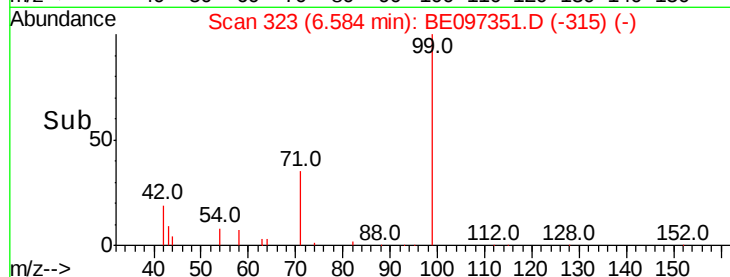
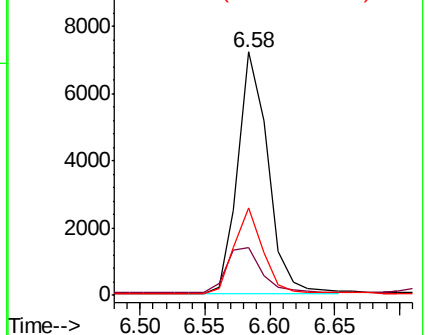
71 34.0 28.4 42.6



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: 3.468 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

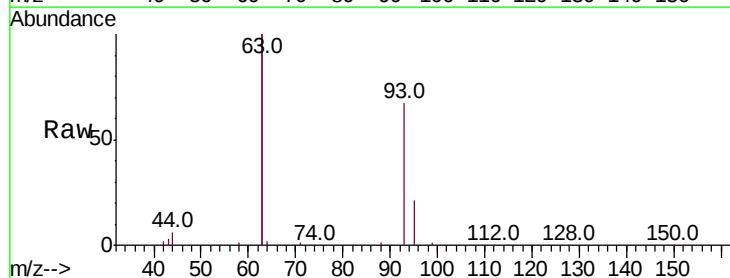
Tgt Ion: 93 Resp: 10683

Ion Ratio Lower Upper

93 100

63 334.4 275.3 412.9

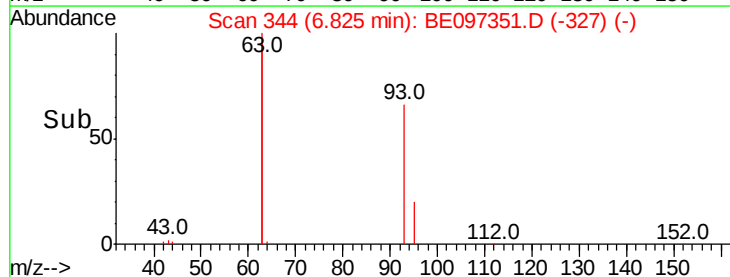
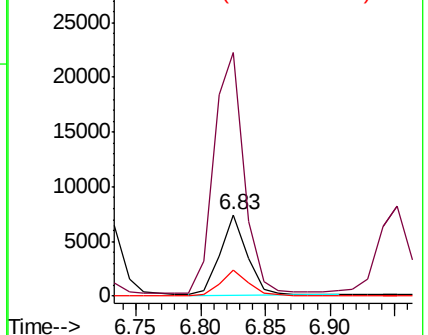
95 32.3 25.2 37.8

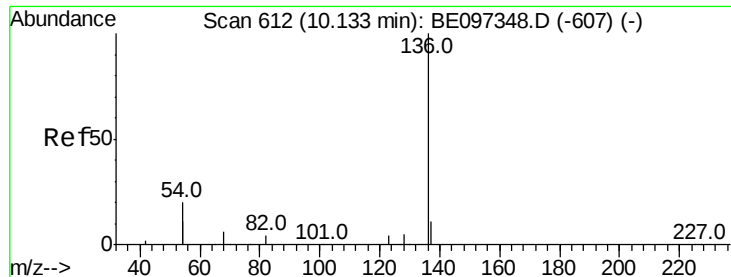


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4351

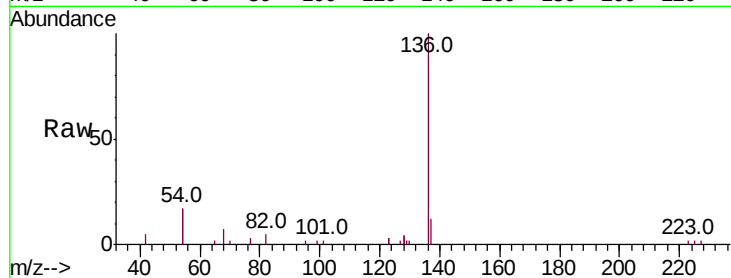
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 34.6 29.1 43.7

68 7.4 6.2 9.2

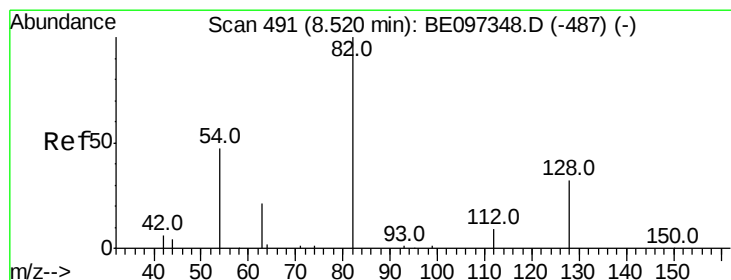
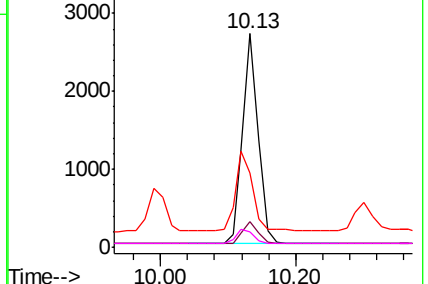
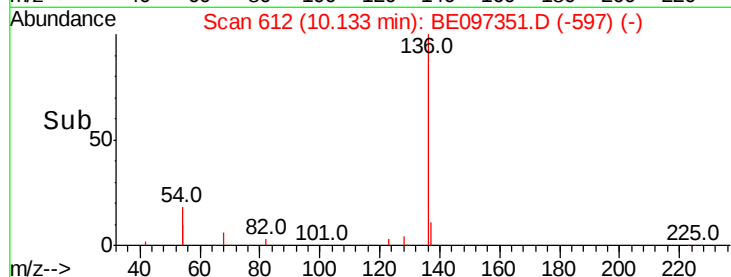


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.691 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.01 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

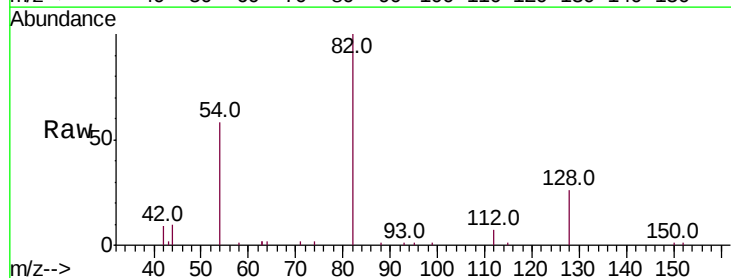
Tgt Ion: 82 Resp: 10594

Ion Ratio Lower Upper

82 100

128 25.9 24.0 36.0

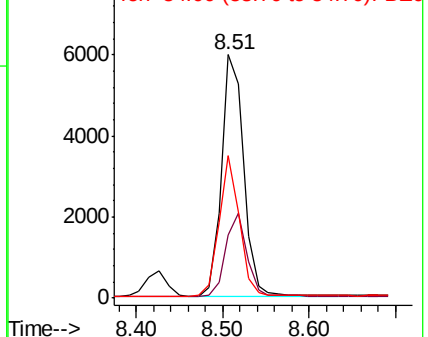
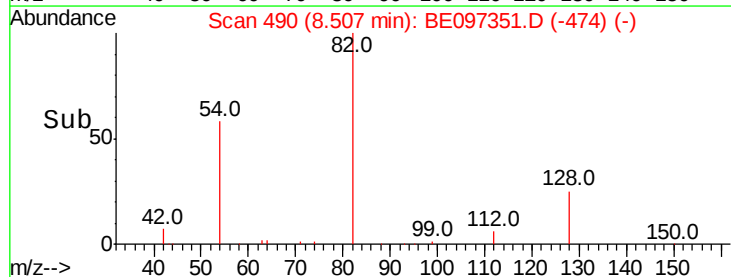
54 58.4 40.0 60.0

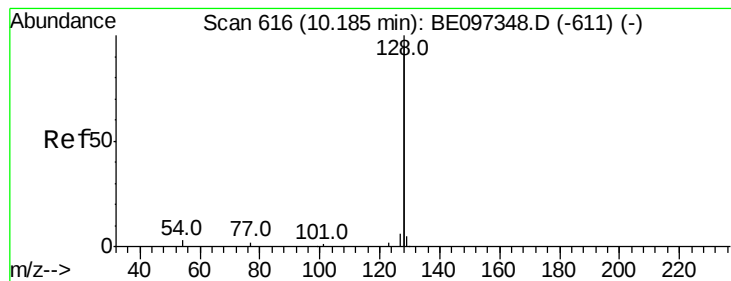


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.094 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

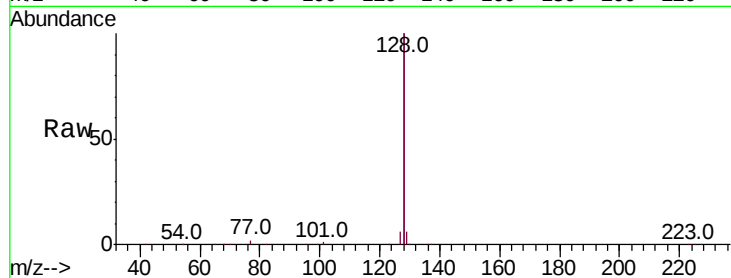
Tot Ion:128 Resp: 123381

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

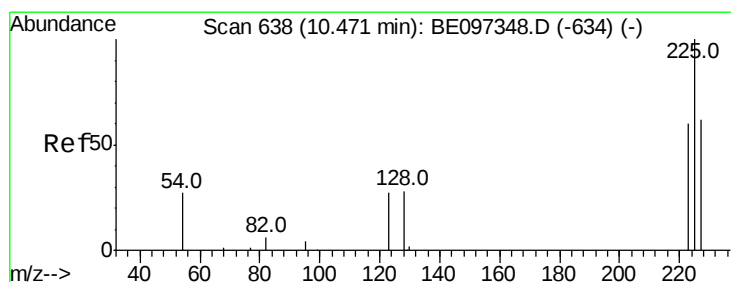
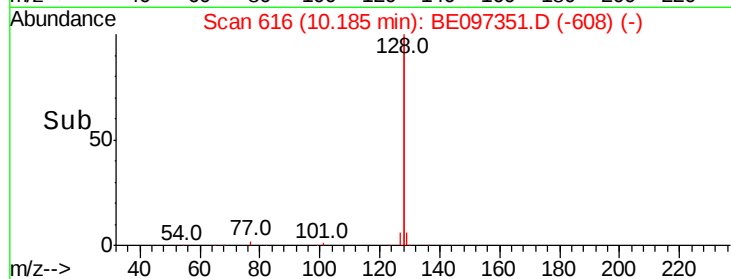
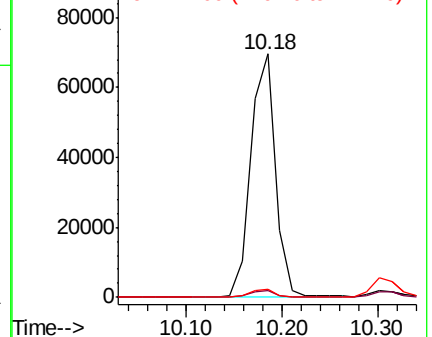
127 3.2 2.8 4.2



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: 3.121 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

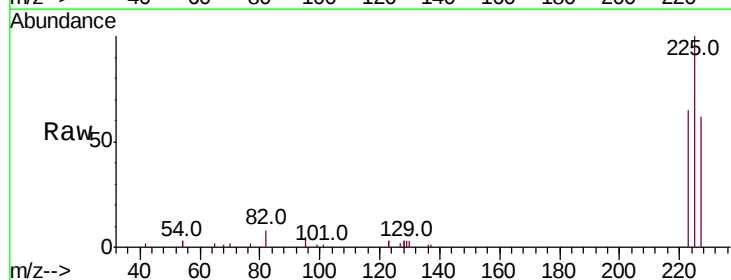
Tgt Ion:225 Resp: 5476

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

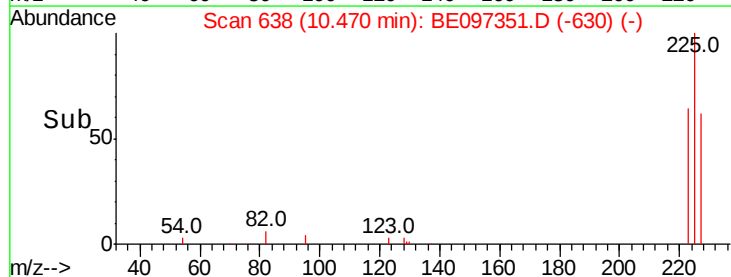
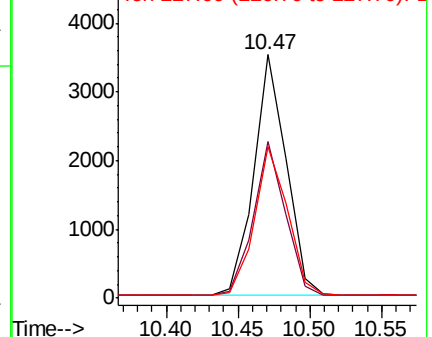
227 62.5 51.4 77.2

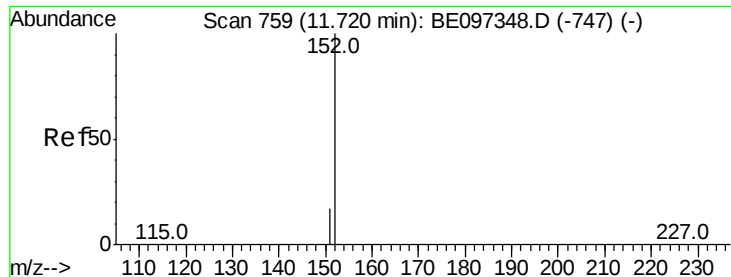


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

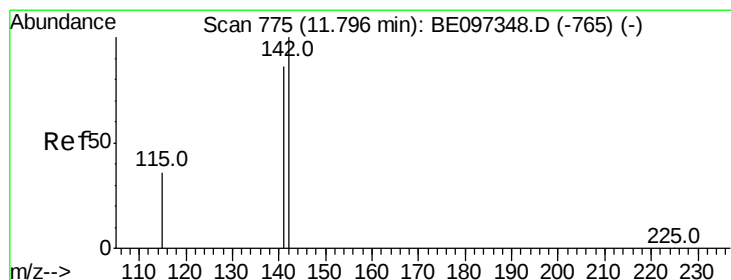
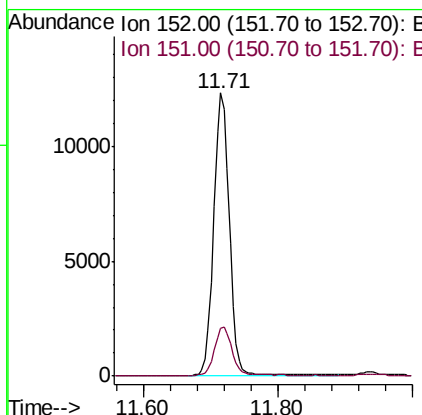
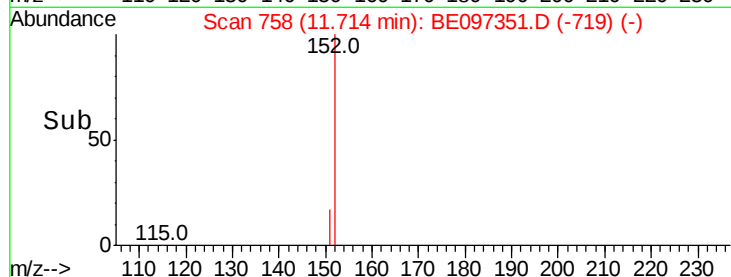
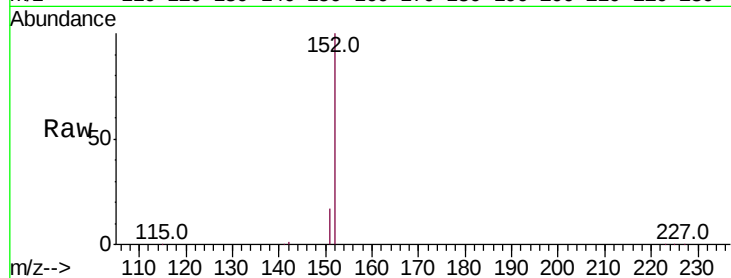




#11
 2-Methylnaphthalene-d10
 Concen: 3.338 ng
 RT: 11.71 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

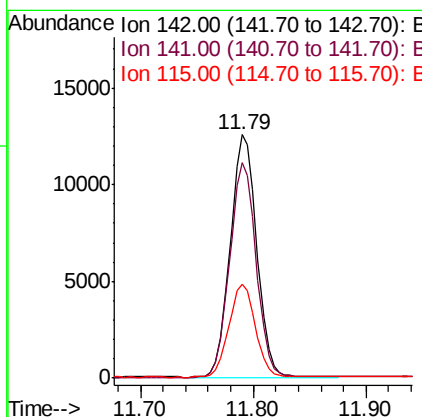
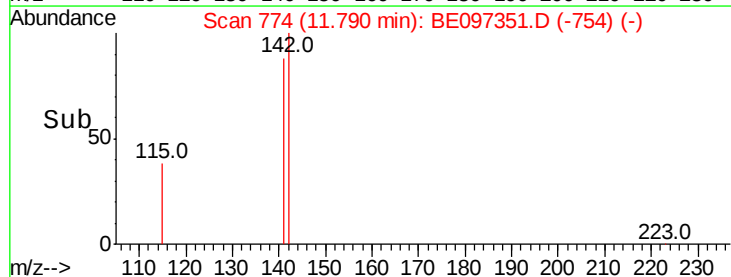
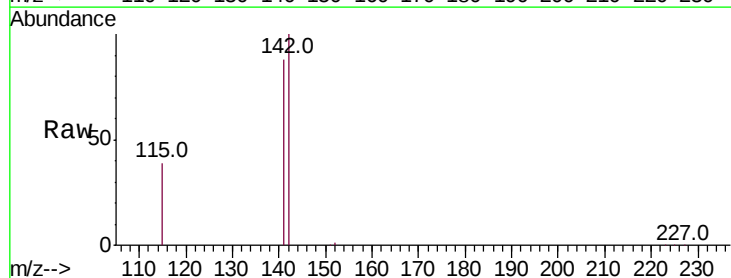
Instrument :
 BNA_E
 ClientSampleId :

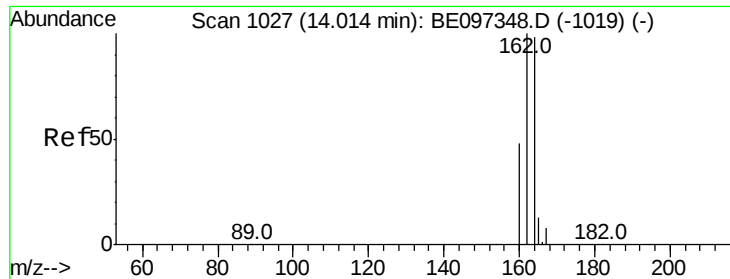
Tot Ion:152 Resp: 19634
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 3.409 ng
 RT: 11.79 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

Tgt Ion:142 Resp: 20471
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.4 105.6
 115 38.5 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

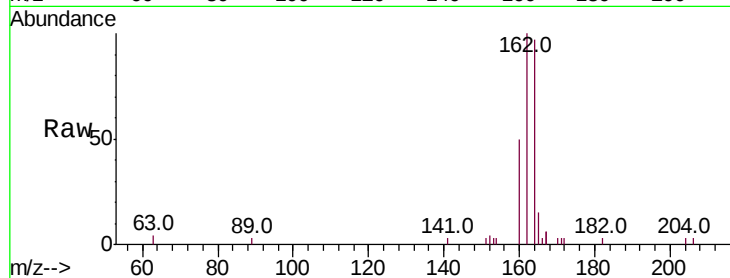
Tot Ion:164 Resp: 2519

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

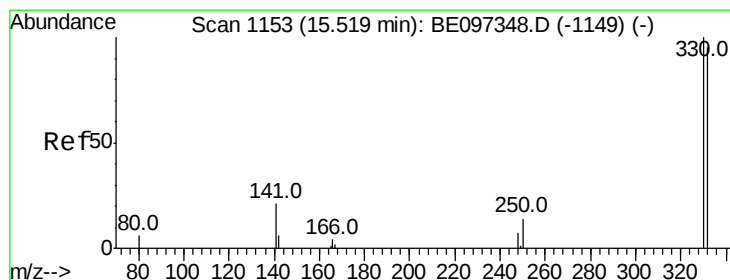
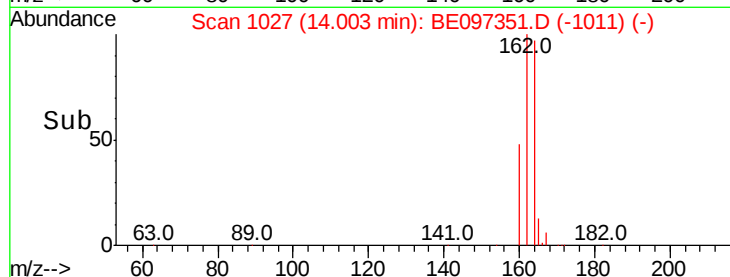
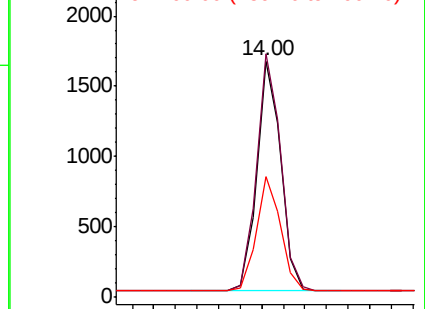
160 51.3 37.1 55.7



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: 7.974 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

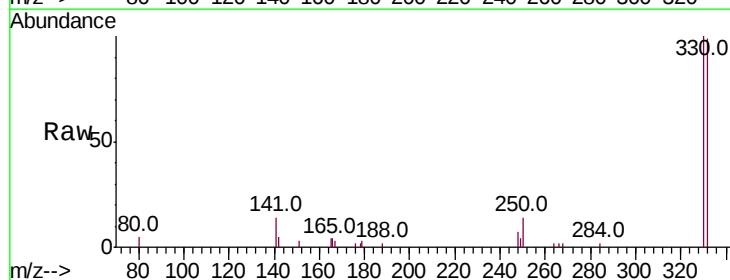
Tgt Ion:330 Resp: 3308

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

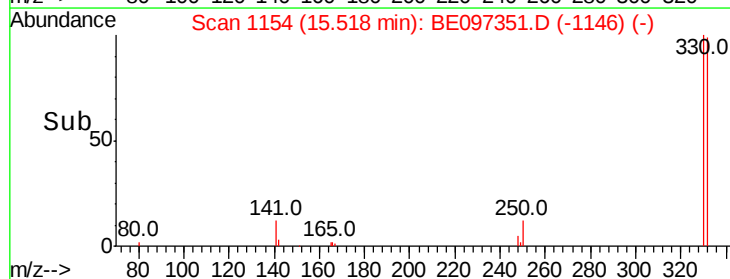
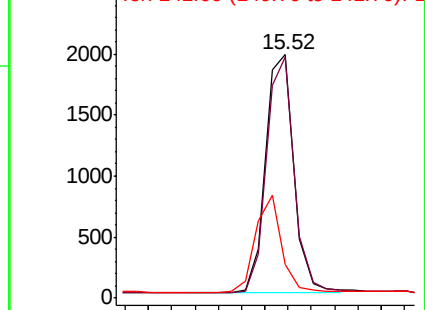
141 37.3 33.7 50.5

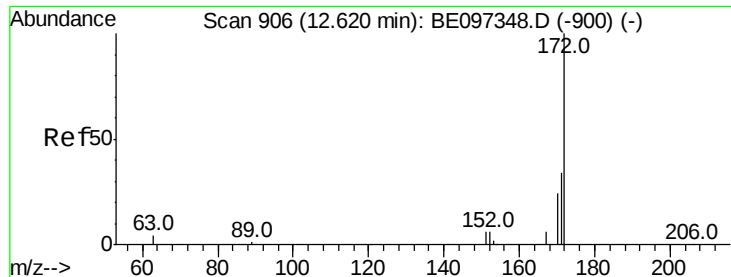


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

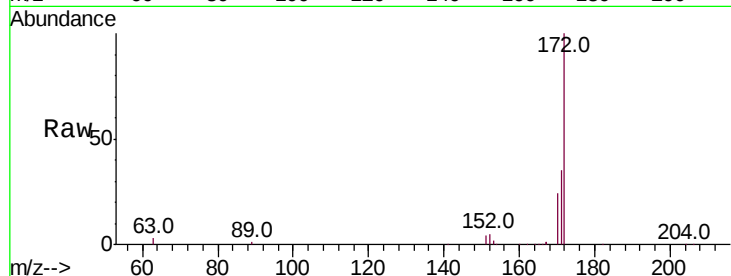




#15
 2-Fluorobiphenyl
 Concen: 2.751 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	23.6	21.8	32.8

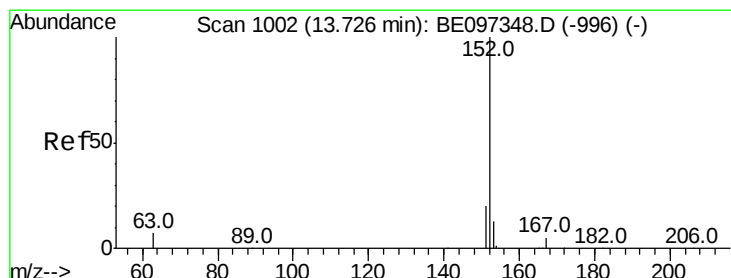
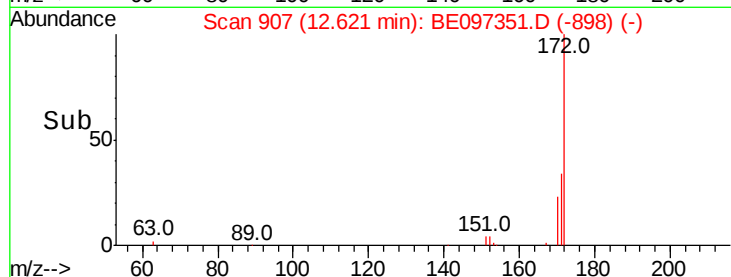
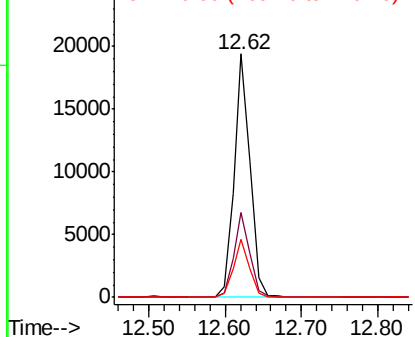


Abundance

Ion 172.00 (171.70 to 172.70): E

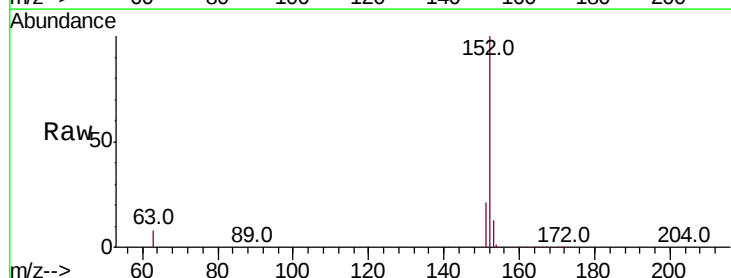
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
 Acenaphthylene
 Concen: 3.660 ng
 RT: 13.72 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7

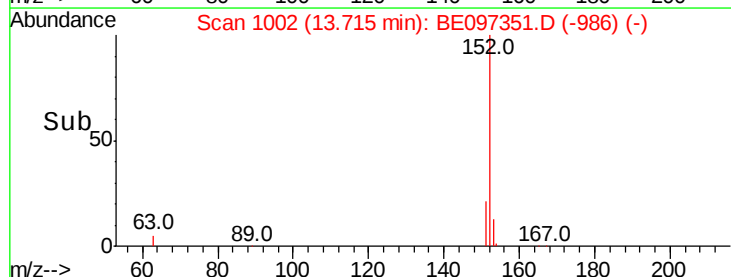
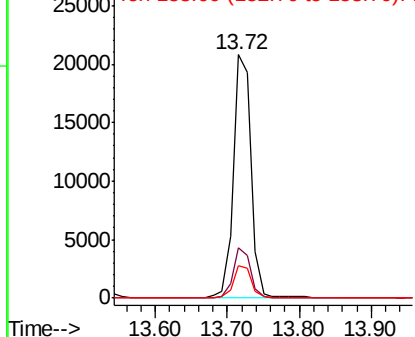


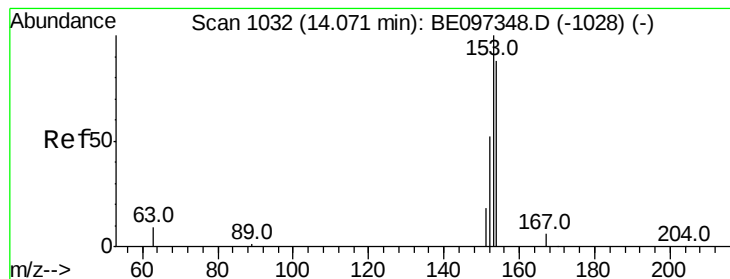
Abundance

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: 3.182 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

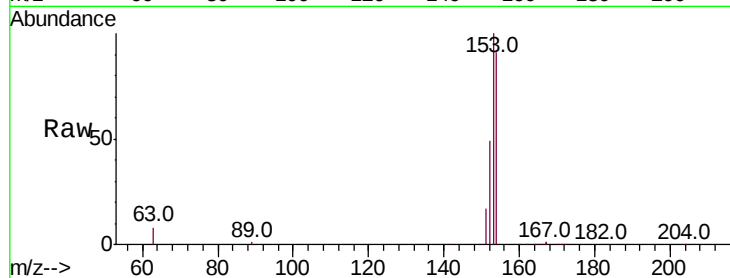
Tot Ion:154 Resp: 21558

Ion Ratio Lower Upper

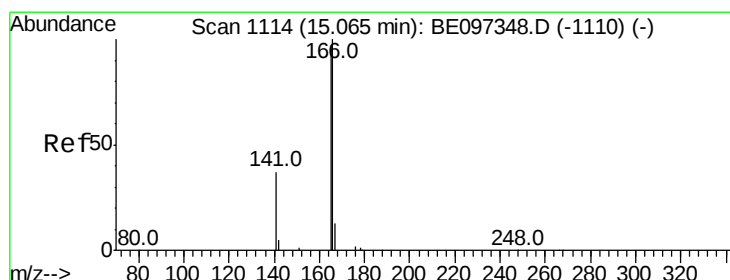
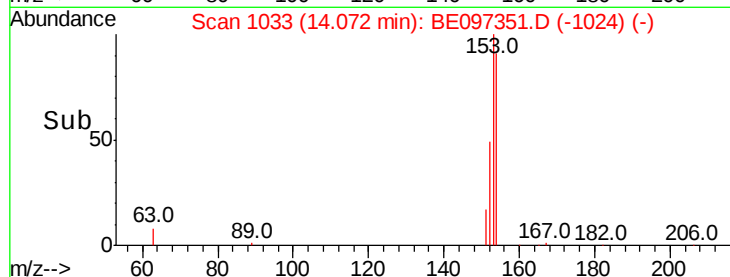
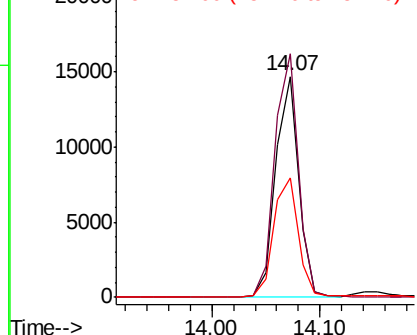
154 100

153 113.1 89.2 133.8

152 57.5 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: 3.314 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

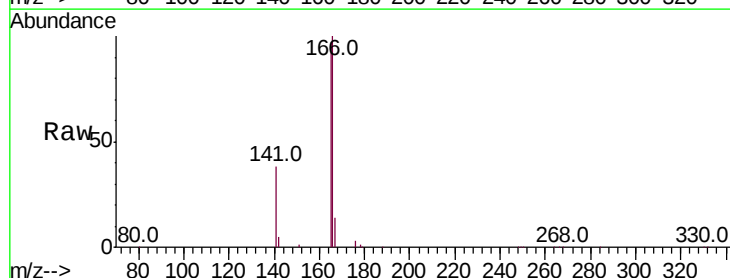
Tgt Ion:166 Resp: 27432

Ion Ratio Lower Upper

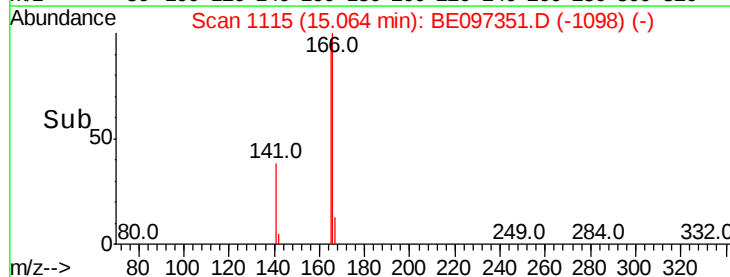
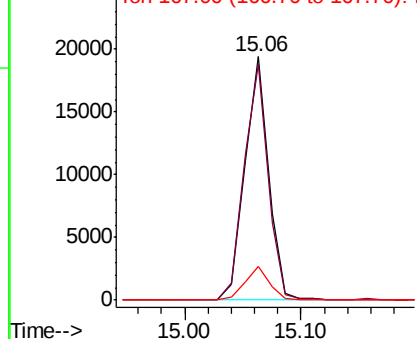
166 100

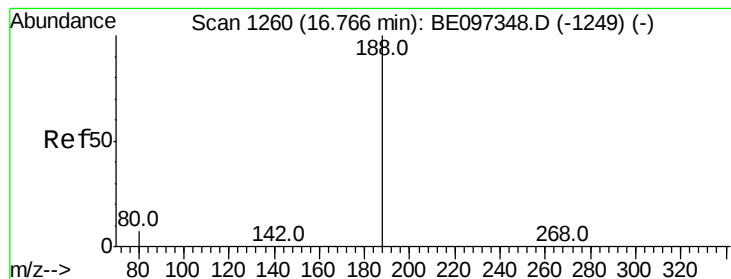
165 98.3 77.8 116.6

167 13.5 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. -0.01 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

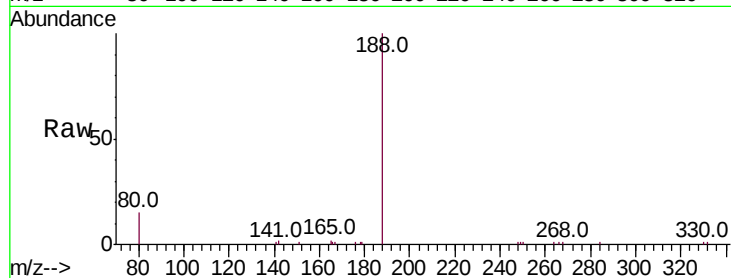
Tot Ion:188 Resp: 6306

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

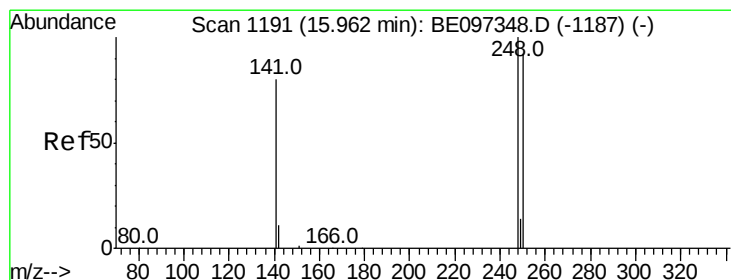
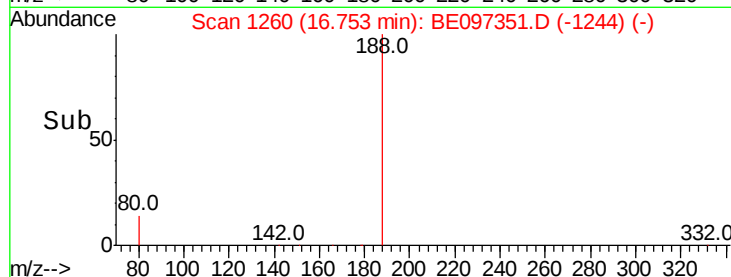
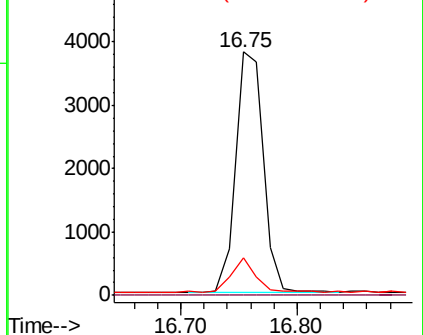
80 15.3 3.6 5.4#



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: 3.429 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

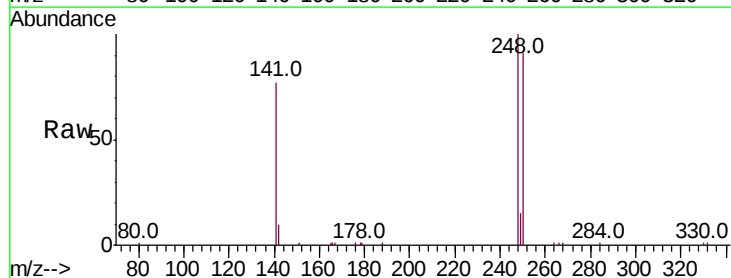
Tgt Ion:248 Resp: 9762

Ion Ratio Lower Upper

248 100

250 90.9 62.7 94.1

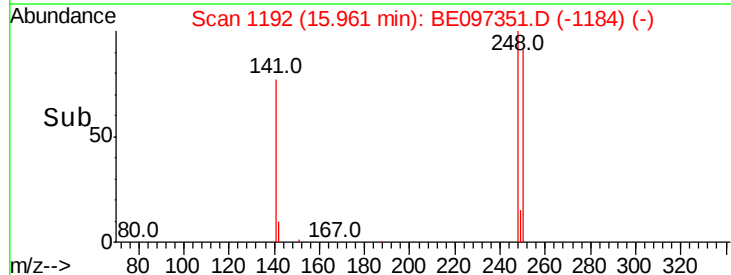
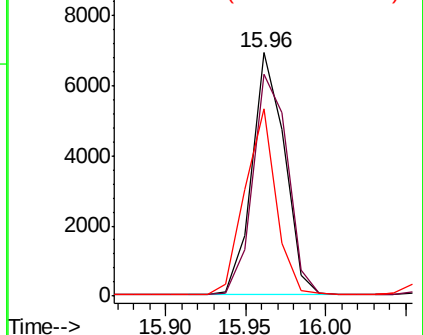
141 77.1 48.2 72.2#

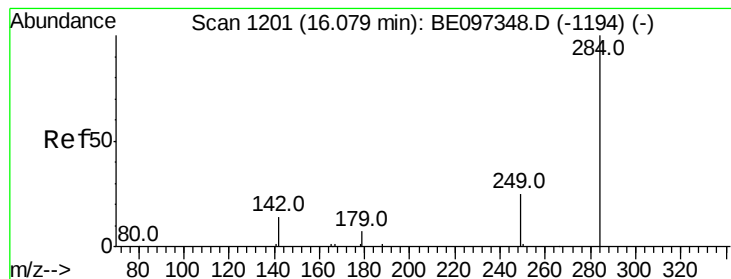


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.740 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

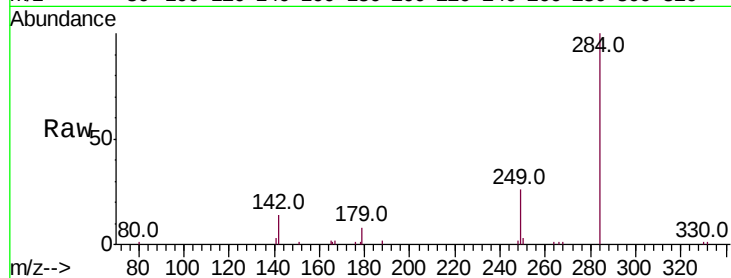
Tot Ion:284 Resp: 10468

Ion Ratio Lower Upper

284 100

142 33.8 22.1 33.1#

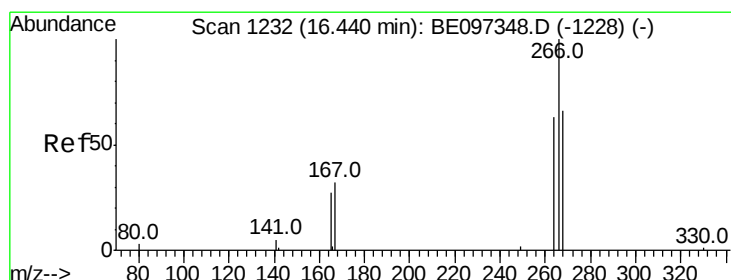
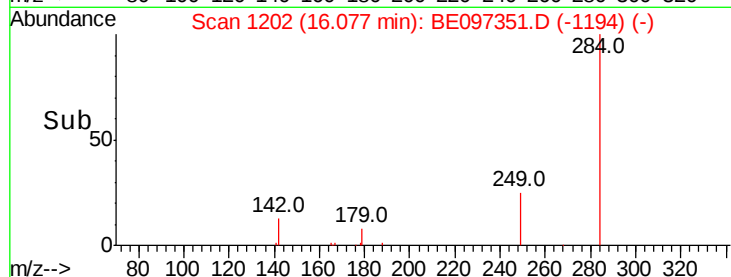
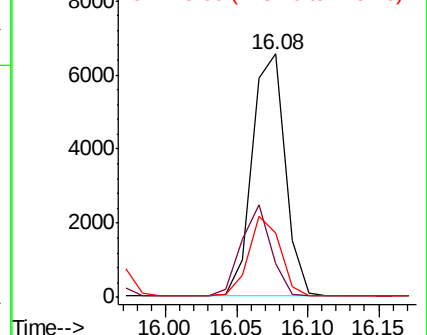
249 31.0 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 10.090 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

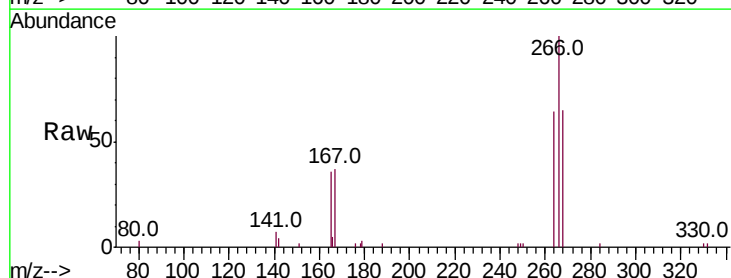
Tgt Ion:266 Resp: 3783

Ion Ratio Lower Upper

266 100

264 63.9 72.5 108.7#

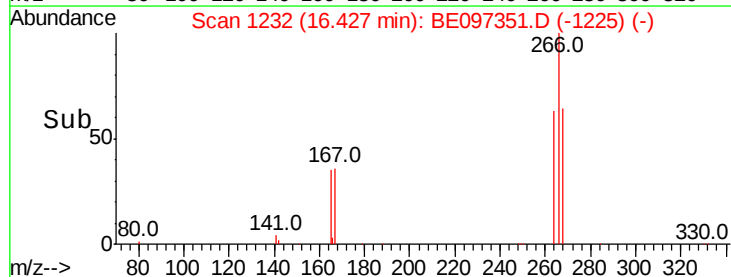
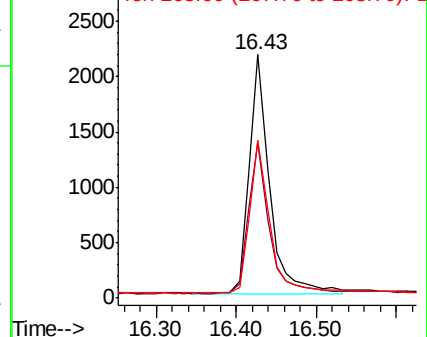
268 65.0 73.8 110.6#

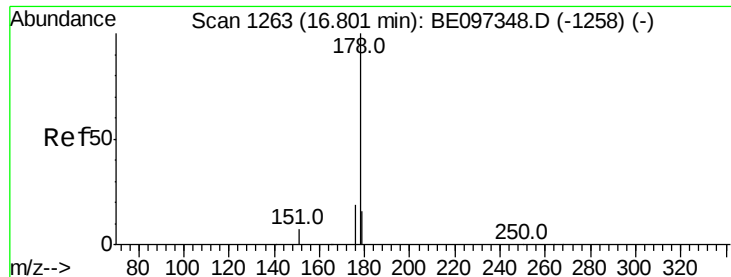


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.212 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

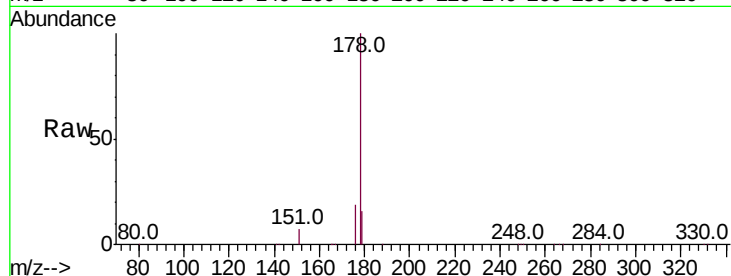
Tot Ion:178 Resp: 49408

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

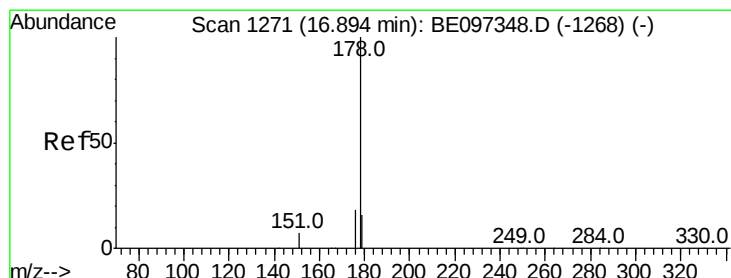
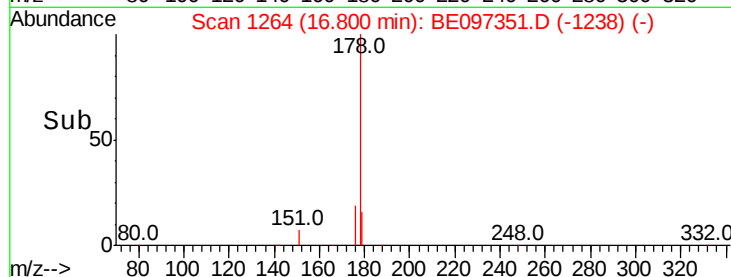
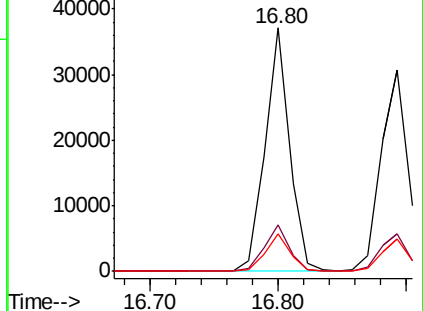
179 15.3 11.8 17.6



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: 3.986 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

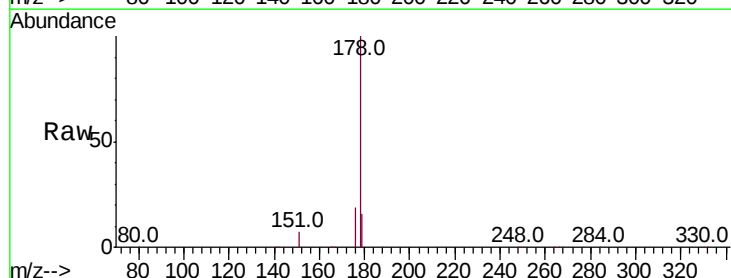
Tgt Ion:178 Resp: 45380

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

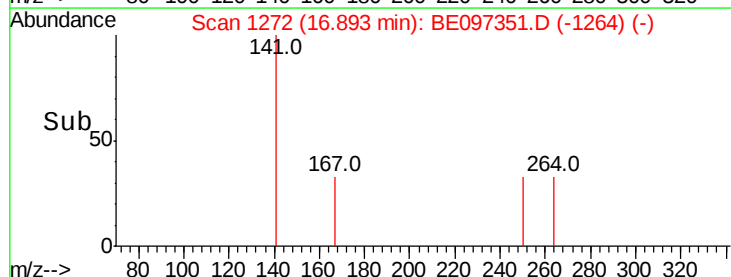
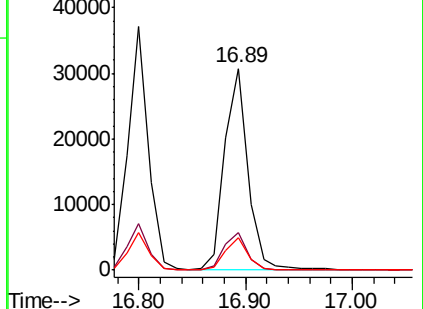
179 15.4 13.0 19.6

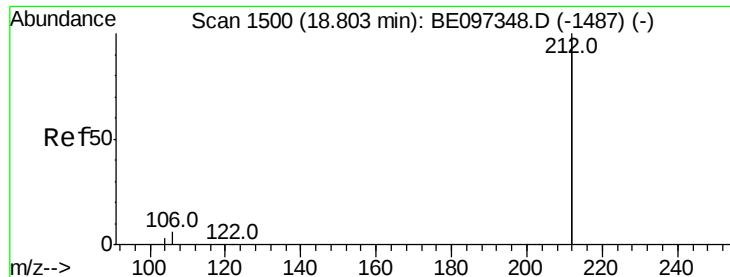


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 4.217 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

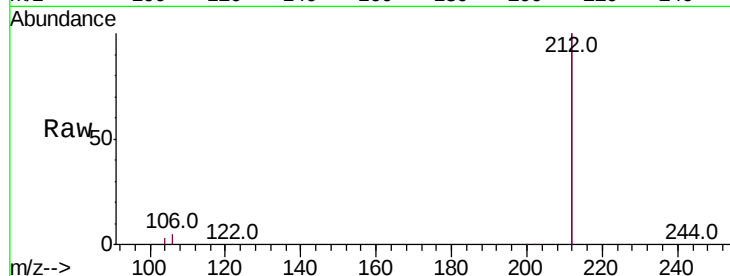
Tot Ion:212 Resp: 237327

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

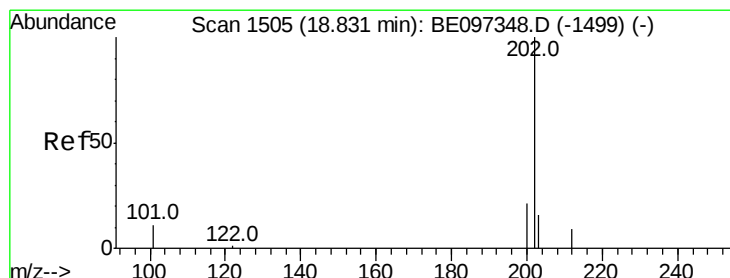
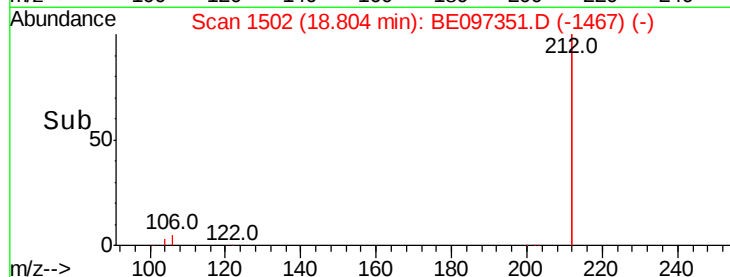
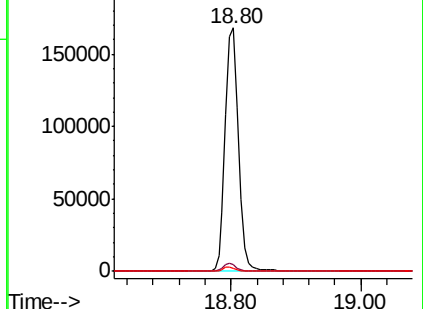
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 4.293 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

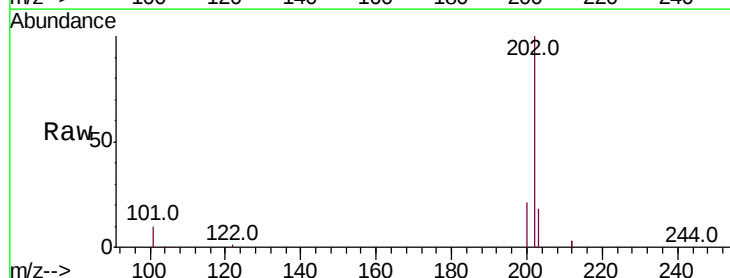
Tgt Ion:202 Resp: 63624

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

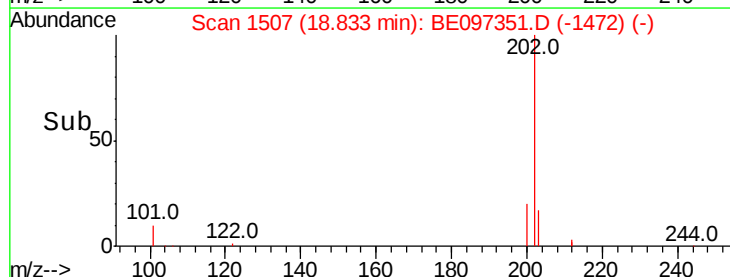
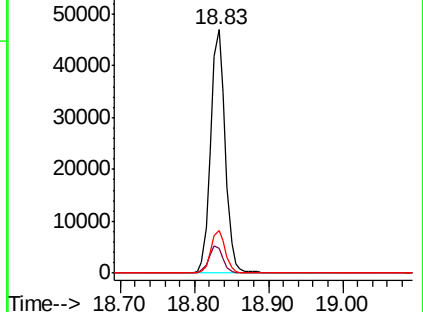
203 17.4 13.7 20.5

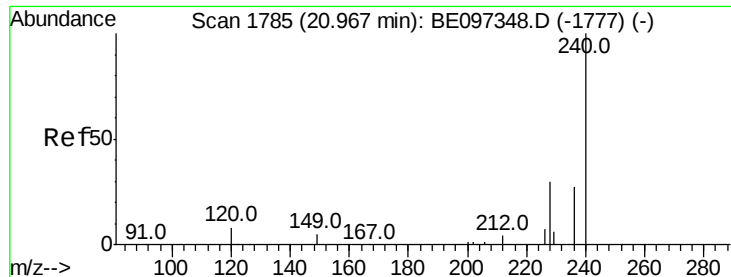


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

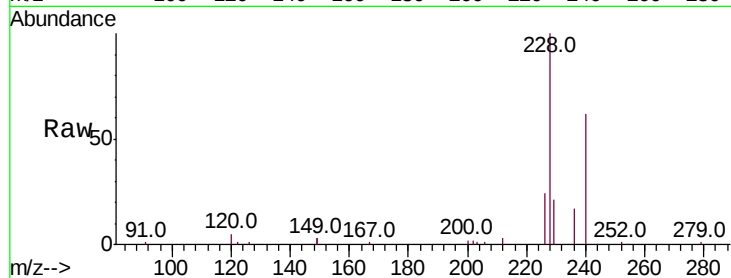
Tot Ion:240 Resp: 8242

Ion Ratio Lower Upper

240 100

120 8.3 5.5 8.3#

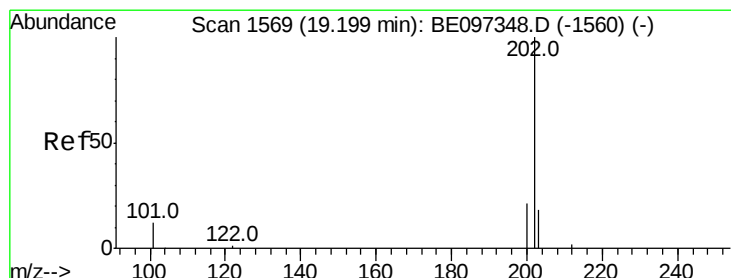
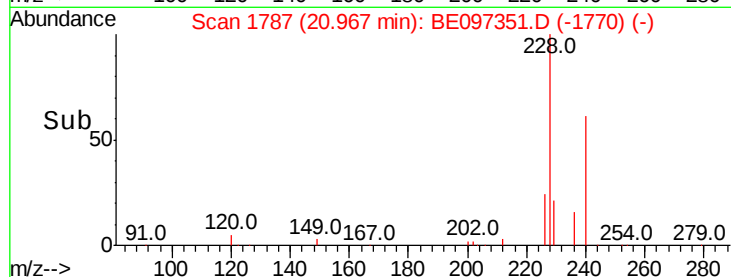
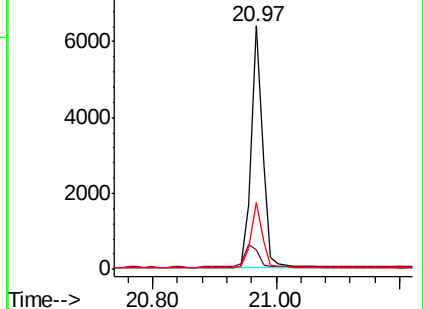
236 27.4 20.7 31.1



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: 2.916 ng

RT: 19.19 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

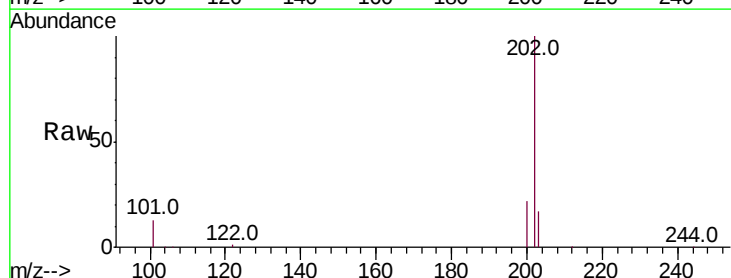
Tgt Ion:202 Resp: 64520

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

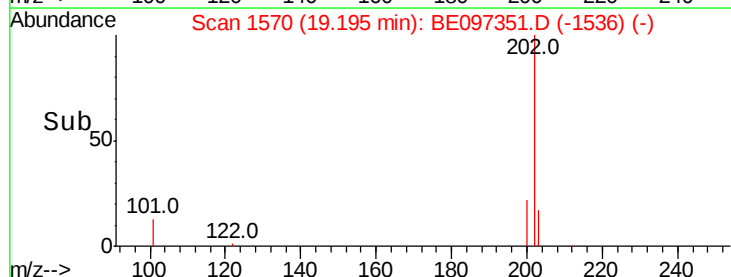
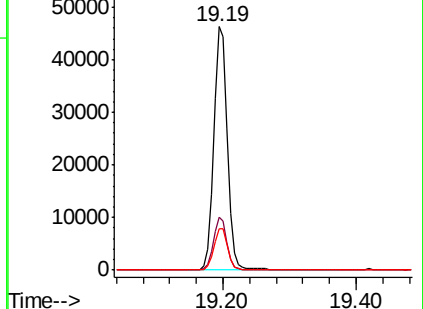
203 17.4 13.8 20.8

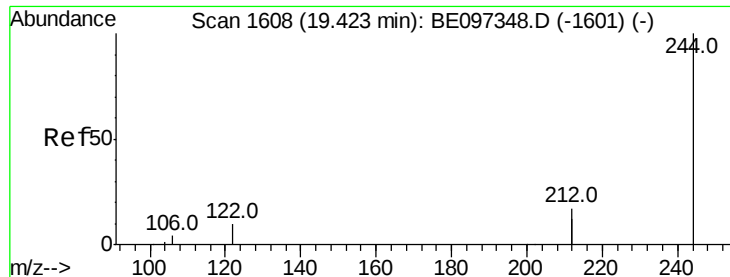


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.943 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

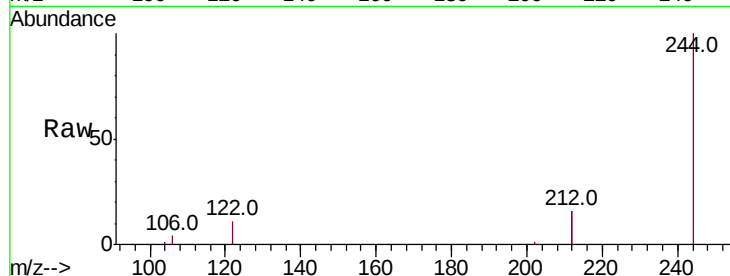
Tot Ion:244 Resp: 48561

Ion Ratio Lower Upper

244 100

212 31.1 25.4 38.0

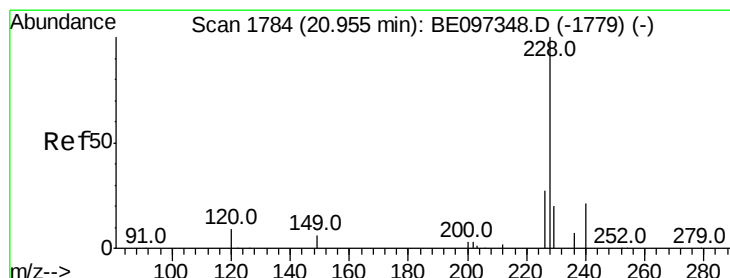
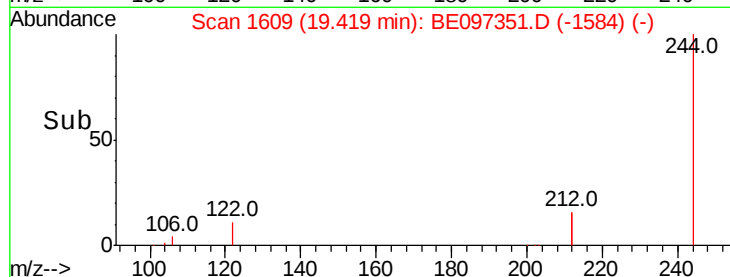
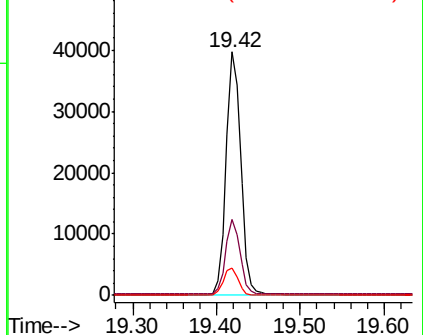
122 11.2 8.1 12.1



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: 3.944 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

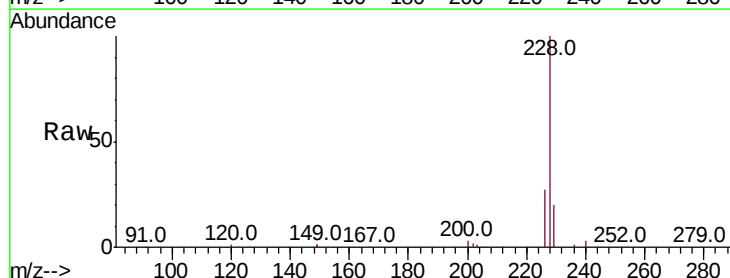
Tgt Ion:228 Resp: 69893

Ion Ratio Lower Upper

228 100

226 26.6 24.0 36.0

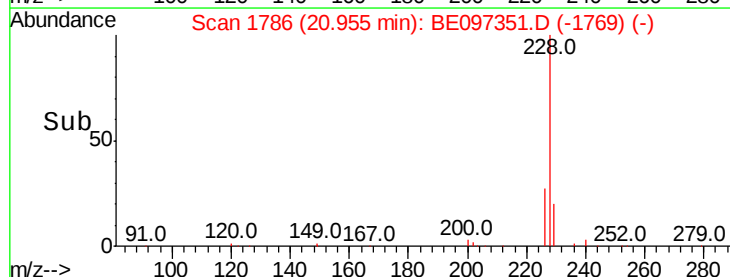
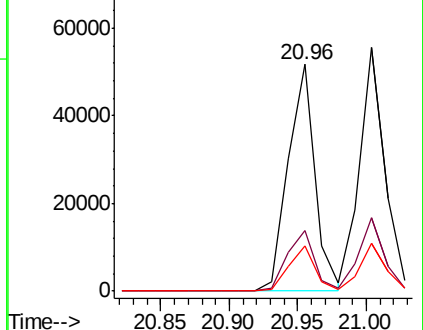
229 20.1 16.0 24.0

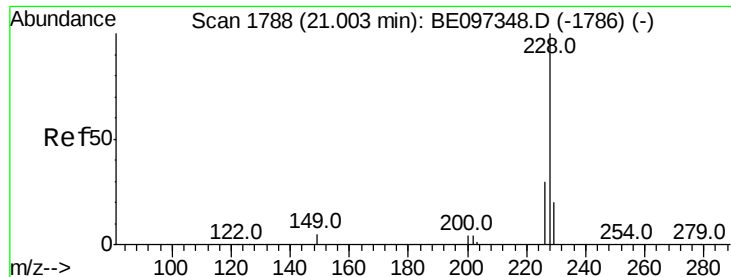


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.060 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

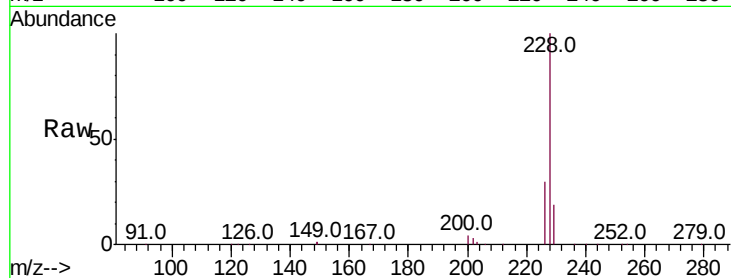
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 71073

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.5	16.0	24.0

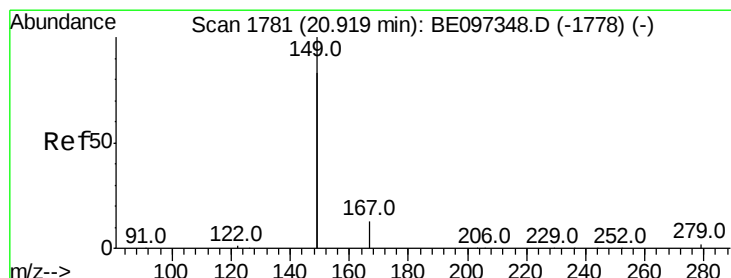
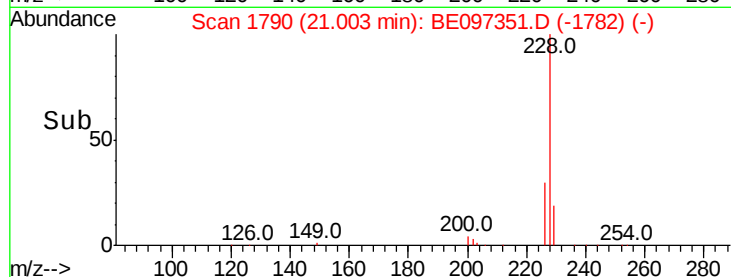
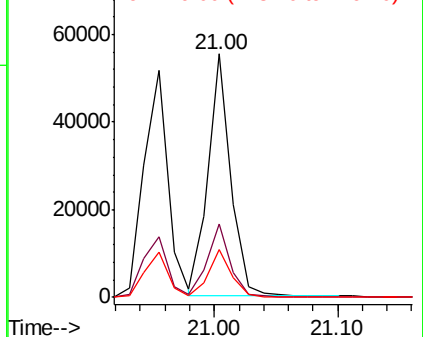


Abundance

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: 9.000 ng

RT: 20.92 min Scan# 1783

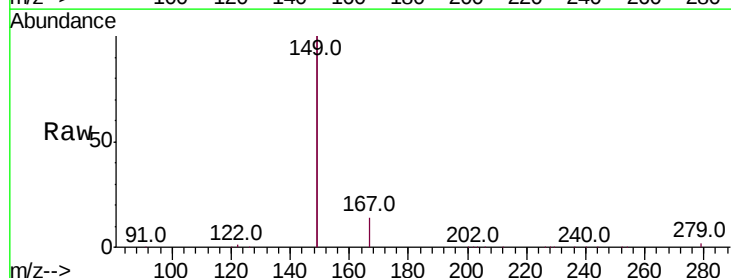
Delta R.T. 0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Tgt Ion:149 Resp: 97081

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1

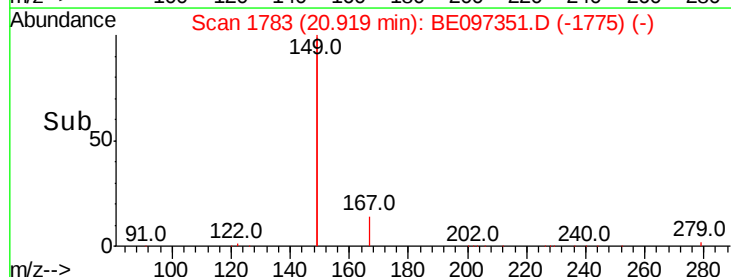
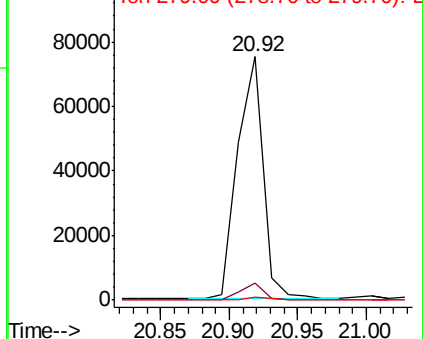


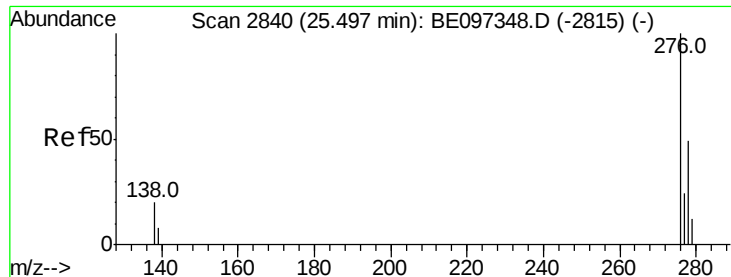
Abundance

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

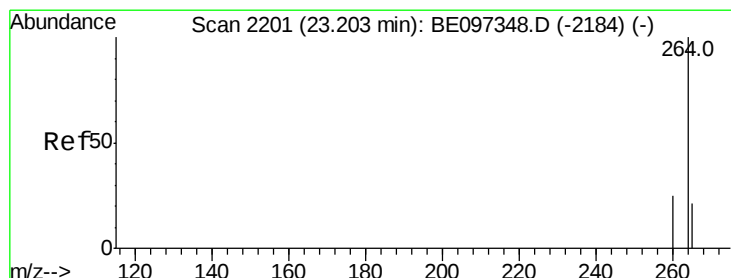
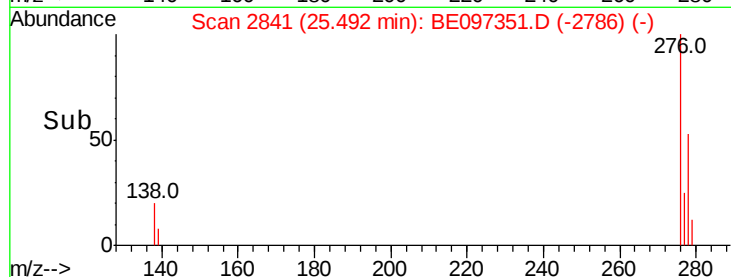
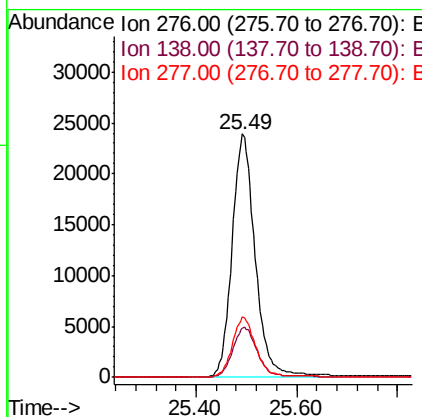
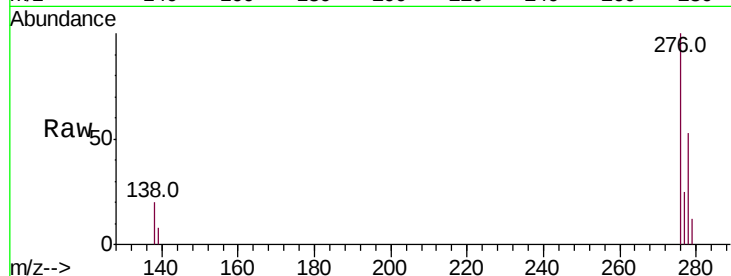




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 5.151 ng
 RT: 25.49 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

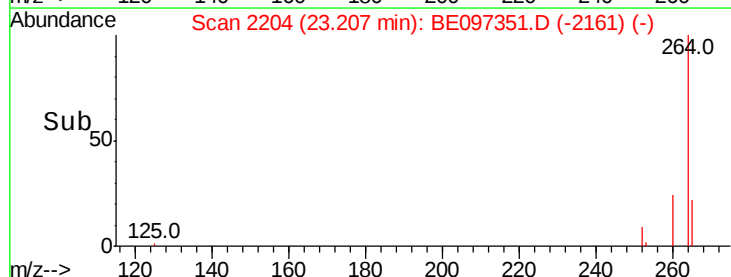
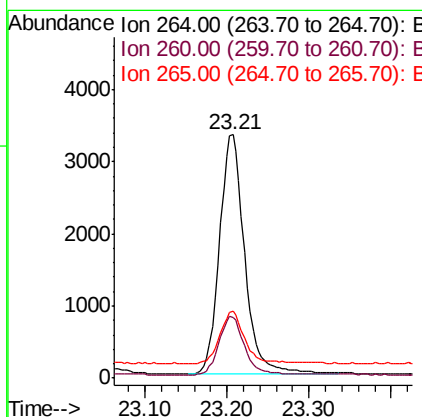
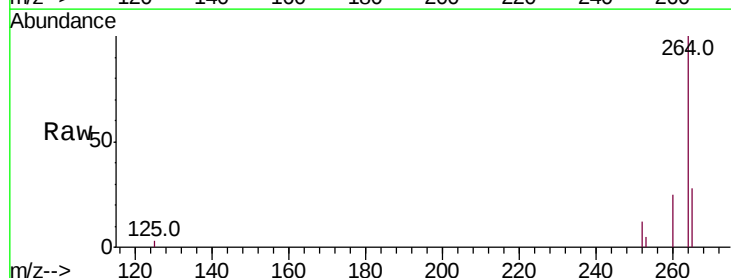
Instrument :
 BNA_E
 ClientSampleId :

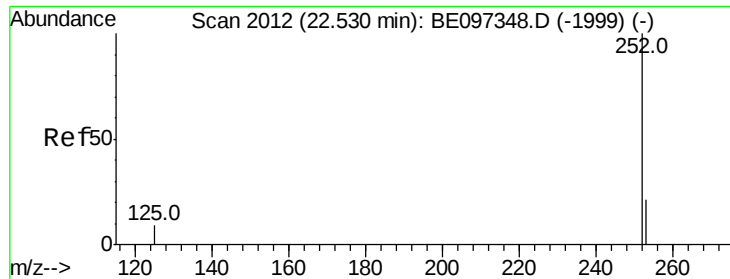
Tot Ion:276 Resp: 76038
 Ion Ratio Lower Upper
 276 100
 138 21.7 22.5 33.7#
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097351.D
 Acq: 22 Aug 2018 17:19

Tgt Ion:264 Resp: 7121
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 27.6 22.8 34.2

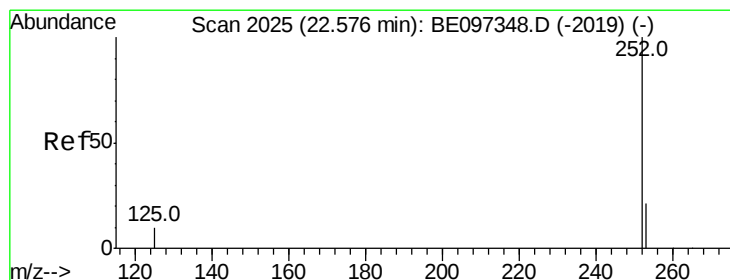
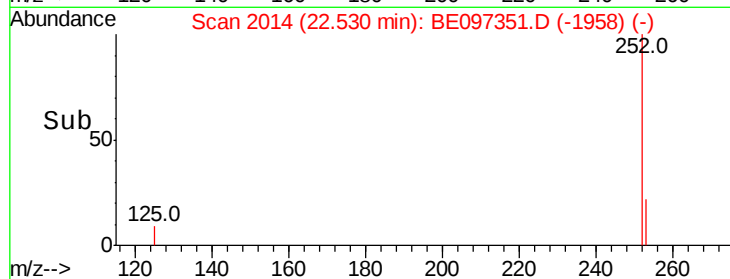
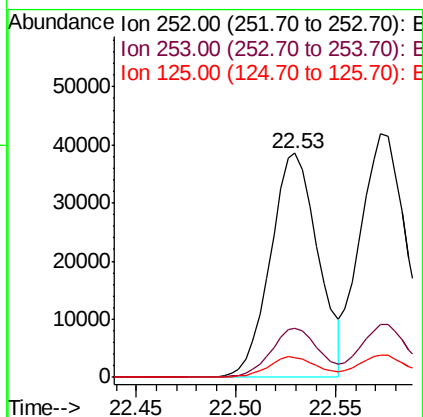
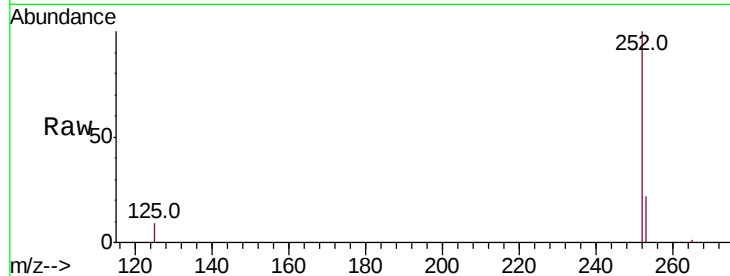




#35
Benzo(b)fluoranthene
Concen: 3.390 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

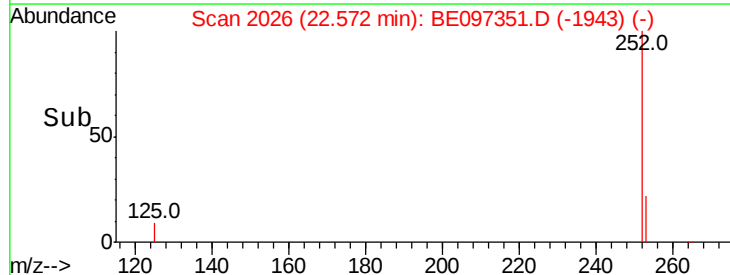
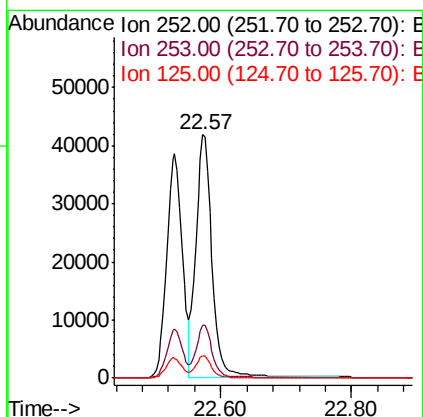
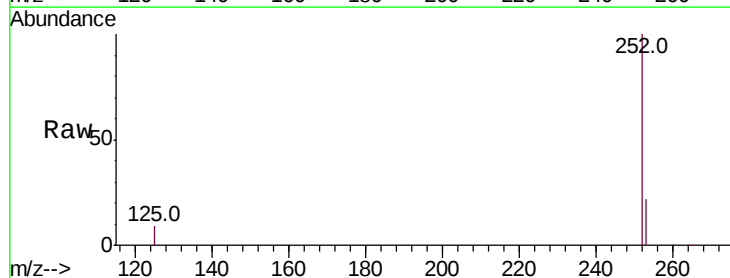
Instrument :
BNA_E
ClientSampleId :

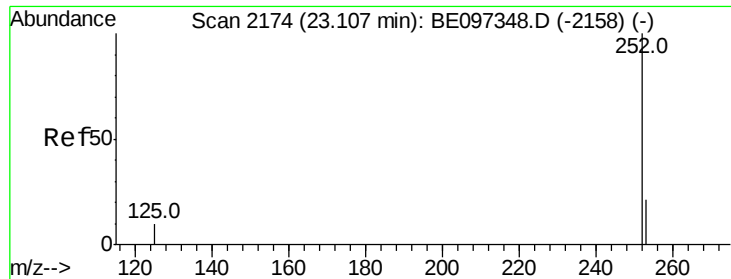
Tot Ion:252 Resp: 63661
Ion Ratio Lower Upper
252 100
253 22.0 20.0 30.0
125 9.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 2.722 ng
RT: 22.57 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:252 Resp: 71727
Ion Ratio Lower Upper
252 100
253 21.8 16.0 24.0
125 9.2 8.0 12.0





#37

Benzo(a)pyrene

Concen: 3.555 ng

RT: 23.10 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

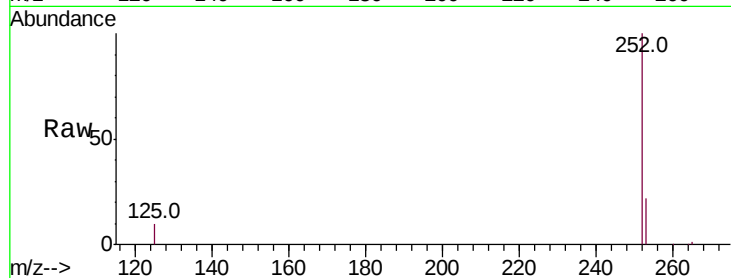
Tot Ion:252 Resp: 60773

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

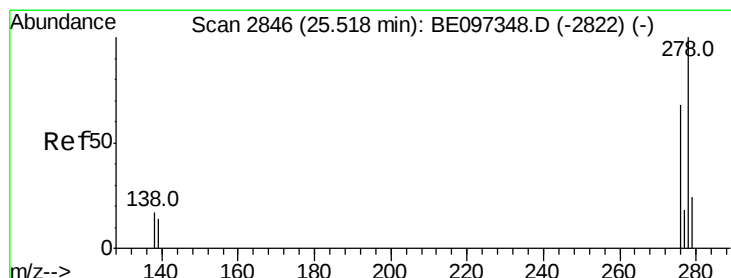
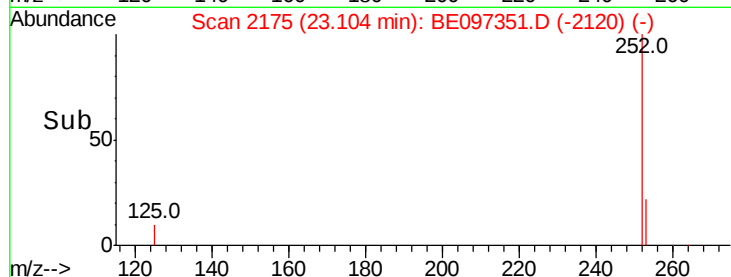
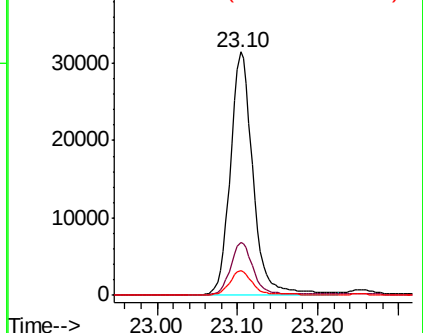
125 10.2 12.0 18.0#



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: 4.425 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

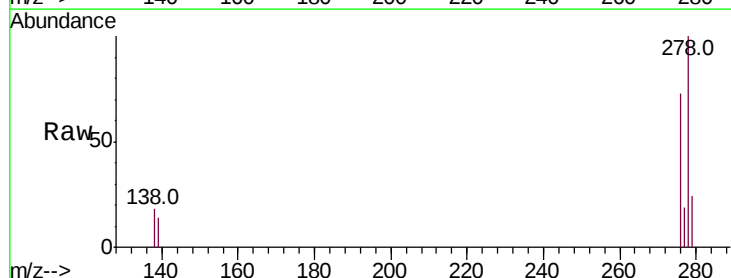
Tgt Ion:278 Resp: 64670

Ion Ratio Lower Upper

278 100

139 14.2 16.0 24.0#

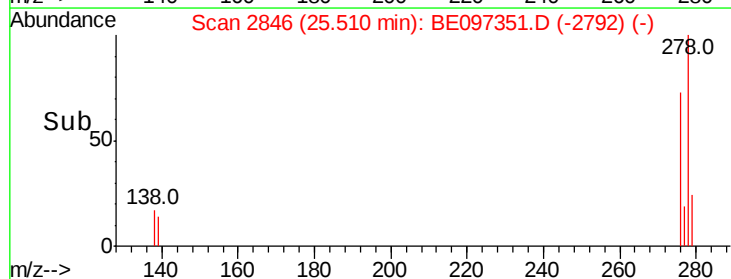
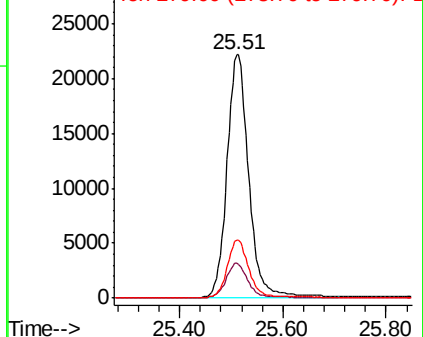
279 23.9 20.0 30.0

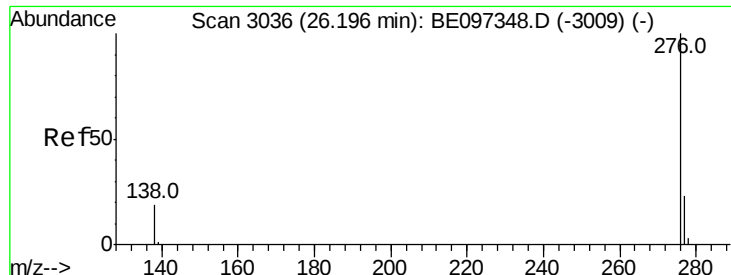


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.340 ng

RT: 26.19 min Scan# 3036

Delta R.T. -0.01 min

Lab File: BE097351.D

Acq: 22 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

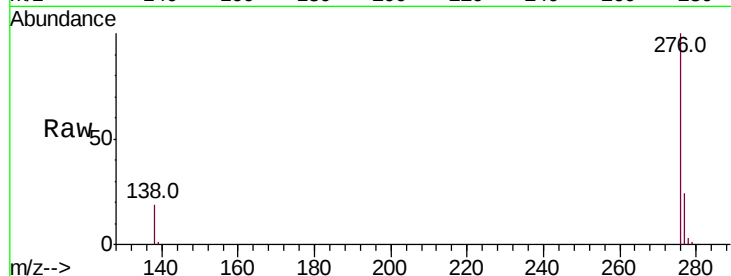
Tot Ion:276 Resp: 63935

Ion Ratio Lower Upper

276 100

277 24.0 16.0 24.0

138 18.7 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

