

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097508.D
 Acq On : 17 Sep 2018 22:42
 Operator : SJ/JU
 Sample : J4892-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 05:52:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	996	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	5081	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	5216	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8085	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9164	0.40	ng	0.00
34) Perylene-d12	23.21	264	9221	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	668	0.20	ng	0.00
5) Phenol-d6	6.60	99	526	0.12	ng	0.00
8) Nitrobenzene-d5	8.51	82	1640	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	11.71	152	3276	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.51	330	764	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.61	172	6028	0.33	ng	-0.01
25) Fluoranthene-d10	18.80	212	43857	0.45	ng	0.00
29) Terphenyl-d14	19.41	244	10635	0.61	ng	0.00

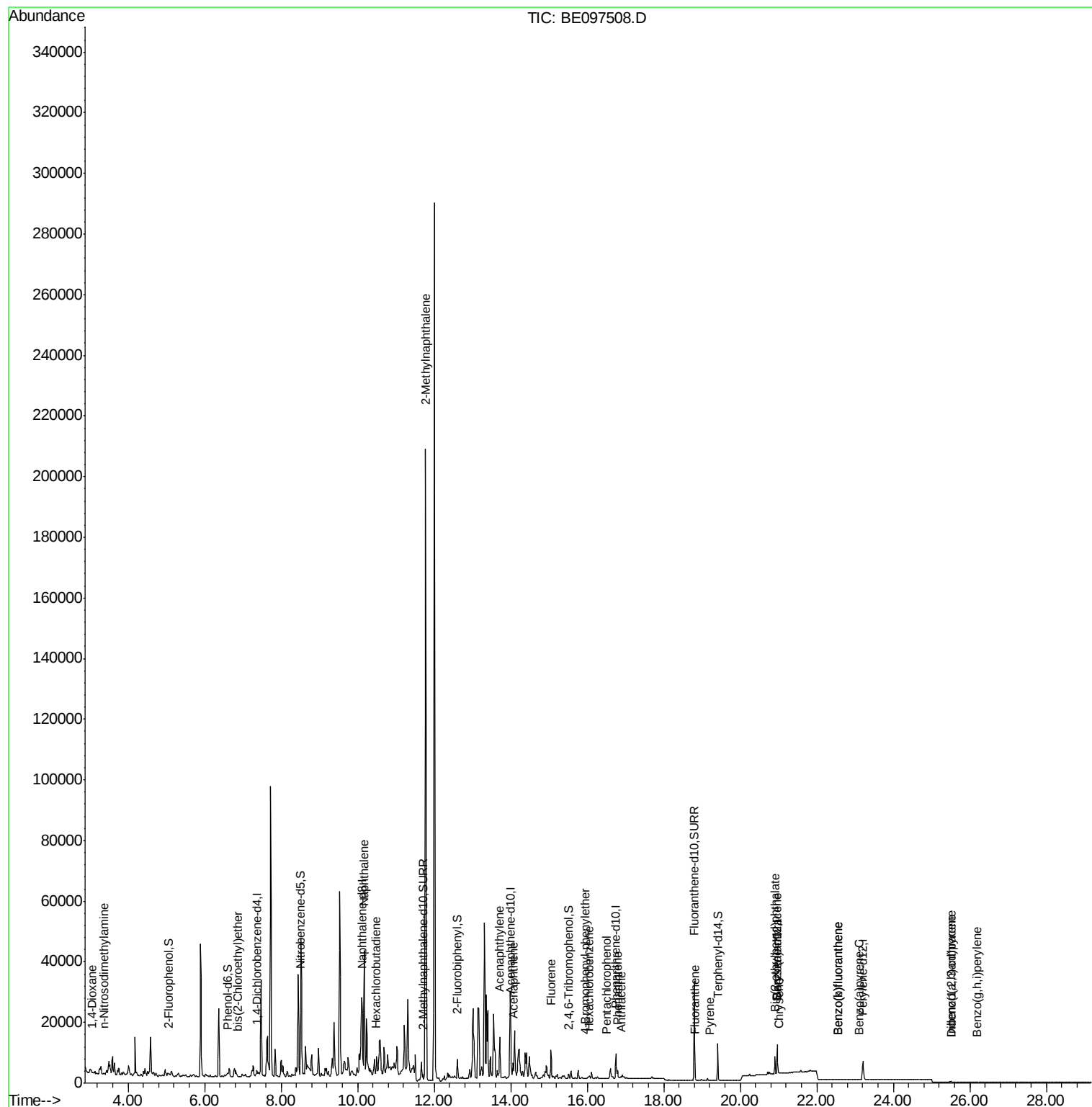
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	30	0.017	ng	# 16
3) n-Nitrosodimethylamine	3.36	42	363	0.252	ng	# 1
6) bis(2-Chloroethyl)ether	6.86	93	48	0.014	ng	# 1
9) Naphthalene	10.17	128	53268	1.155	ng	# 93
10) Hexachlorobutadiene	10.47	225	5	0.002	ng	# 63
12) 2-Methylnaphthalene	11.78	142	151837	20.580	ng	# 99
16) Acenaphthylene	13.72	152	1731	0.076	ng	# 1
17) Acenaphthene	14.06	154	1839	0.131	ng	# 48
18) Fluorene	15.05	166	6554	0.367	ng	# 78
20) 4-Bromophenyl-phenylether	15.95	248	5	0.001	ng	# 1
21) Hexachlorobenzene	16.05	284	14	0.003	ng	# 38
22) Pentachlorophenol	16.51	266	2	0.042	ng	# 96
23) Phenanthrene	16.79	178	2444	0.129	ng	# 96
24) Anthracene	16.88	178	181	0.010	ng	# 76
26) Fluoranthene	18.83	202	101	0.004	ng	# 74
28) Pyrene	19.19	202	141	0.006	ng	# 85
30) Benzo(a)anthracene	20.97	228	73	0.003	ng	# 1
31) Chrysene	21.00	228	30	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	6340	0.124	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	4	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.54	252	49	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.54	252	49	0.002	ng	# 1
37) Benzo(a)pyrene	23.11	252	14	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.19	276	7	0.000	ng	# 1

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

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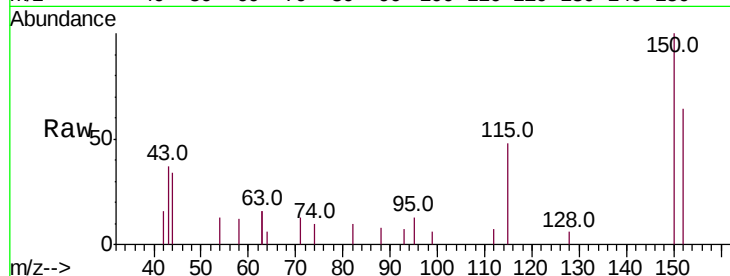


#1

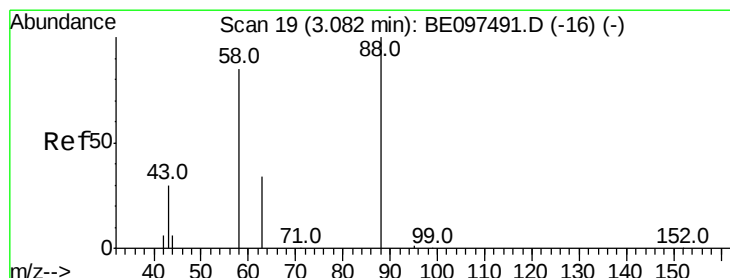
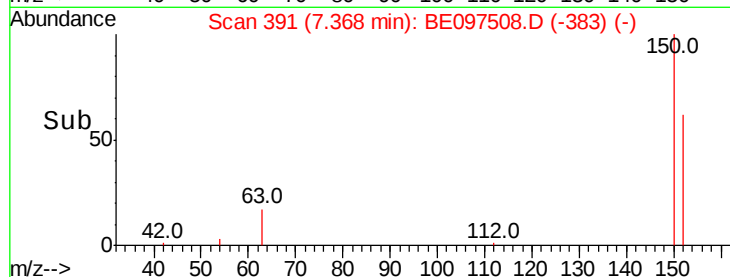
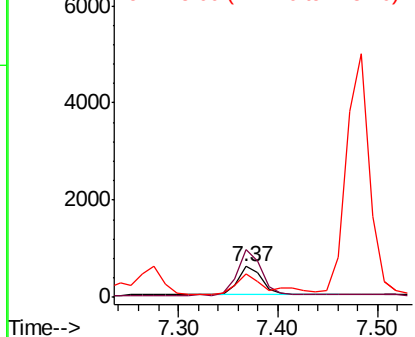
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097508.D
Acq: 17 Sep 2018 22:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 996
Ion Ratio Lower Upper
152 100
150 156.0 117.2 175.8
115 74.6 57.0 85.6



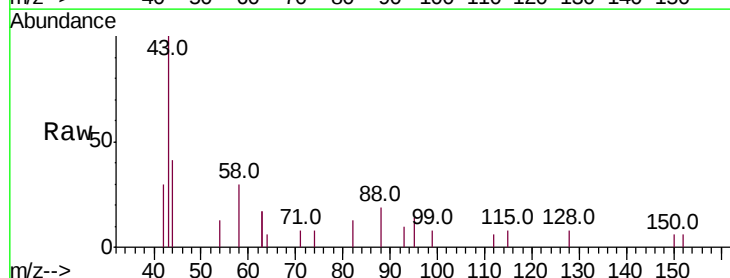
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



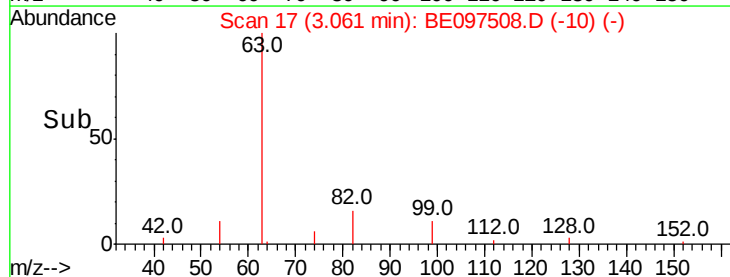
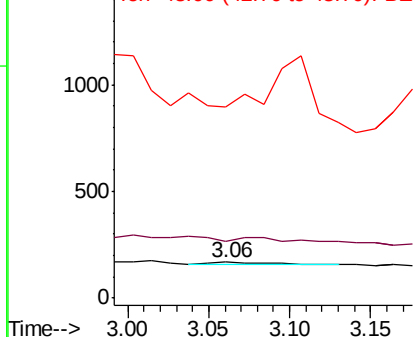
#2

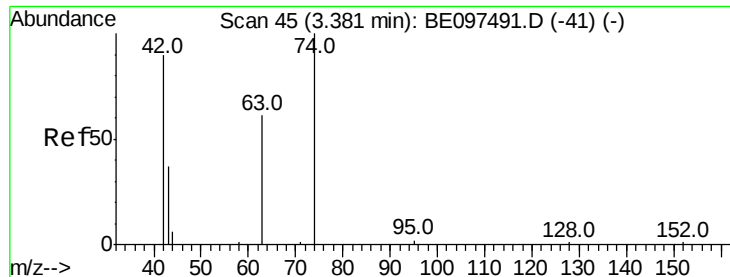
1,4-Dioxane
Concen: 0.017 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.02 min
Lab File: BE097508.D
Acq: 17 Sep 2018 22:42

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 0.0 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: 0.252 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.02 min

Lab File: BE097508.D

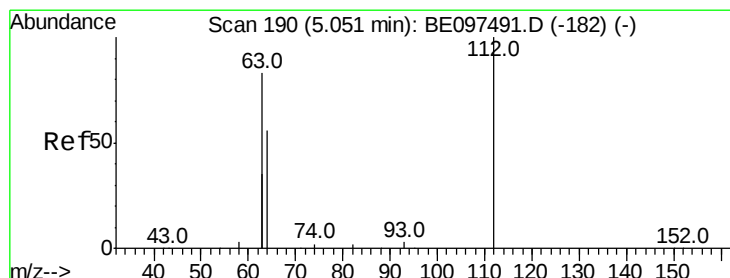
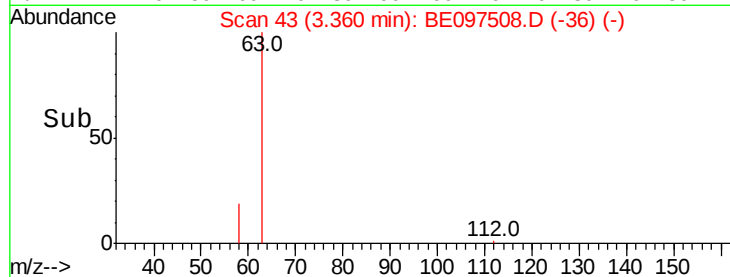
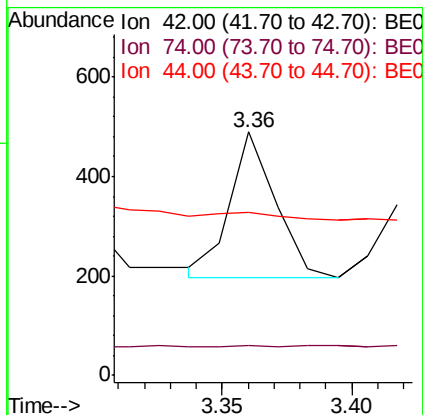
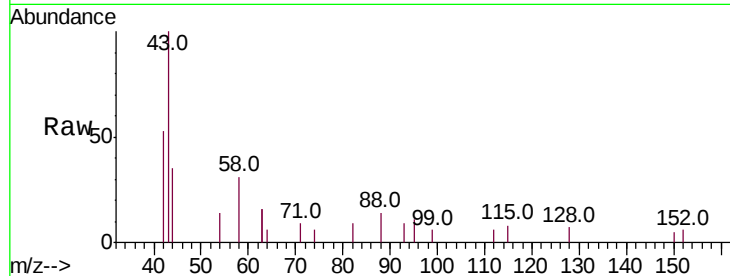
Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	363
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.198 ng

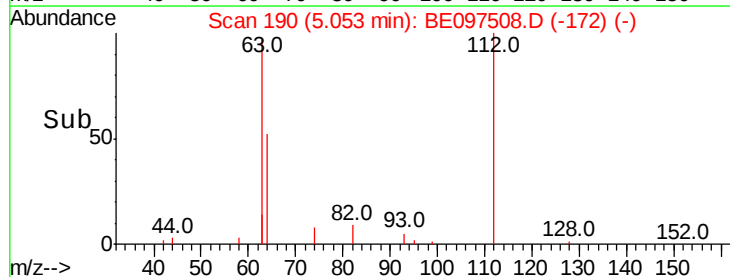
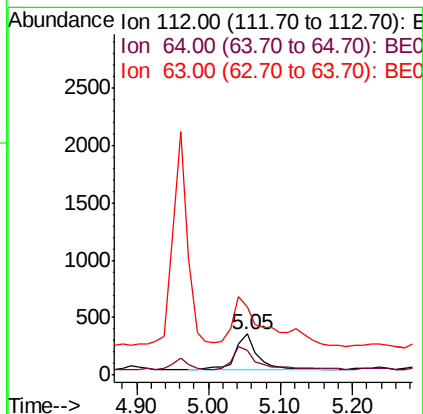
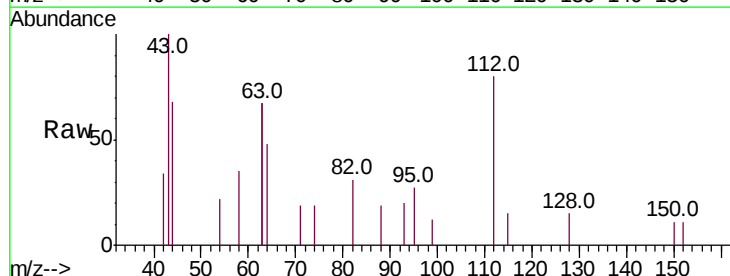
RT: 5.05 min Scan# 190

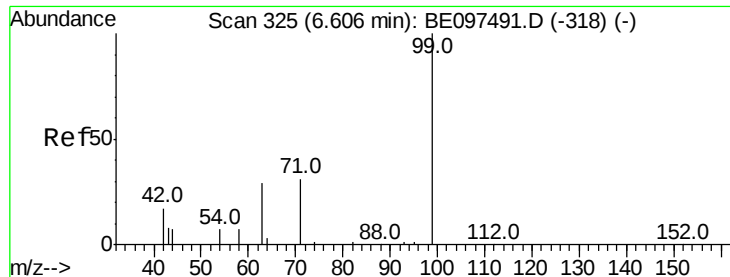
Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Tgt Ion:	112	Resp:	668
Ion	Ratio	Lower	Upper
112	100		
64	64.5	60.1	90.1
63	208.5	116.8	175.2#





#5

Phenol-d6

Concen: 0.123 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampled :

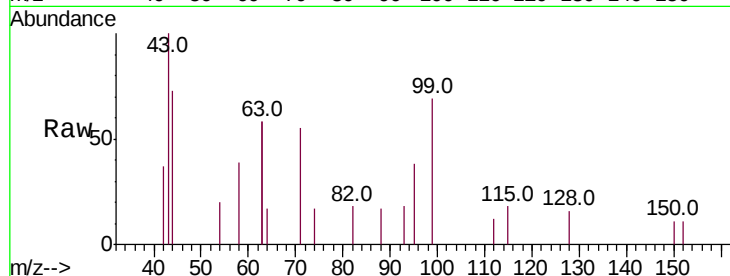
Tot Ion: 99 Resp: 526

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

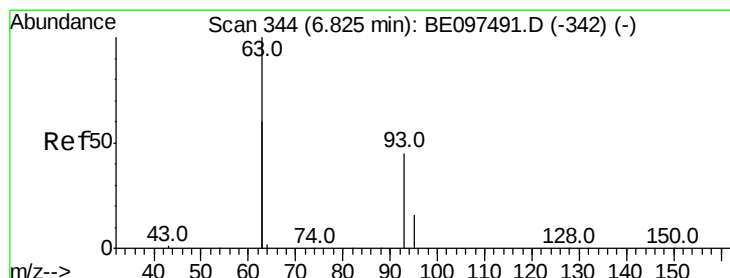
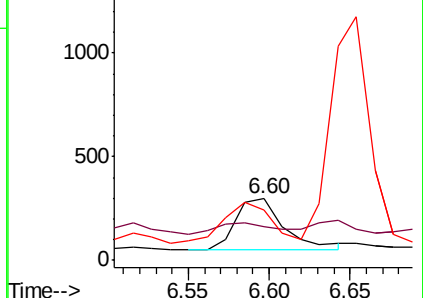
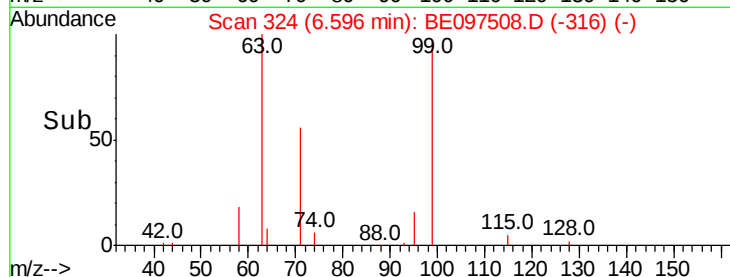
71 77.0 28.4 42.6#



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: 0.014 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.04 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

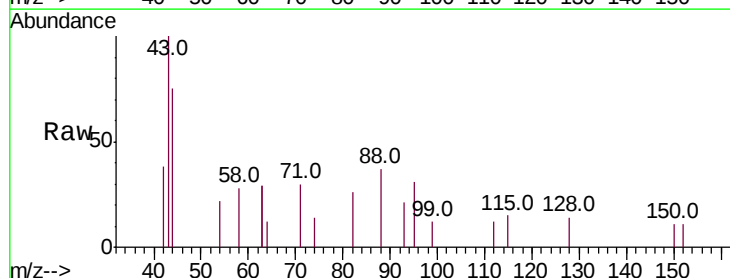
Tgt Ion: 93 Resp: 48

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

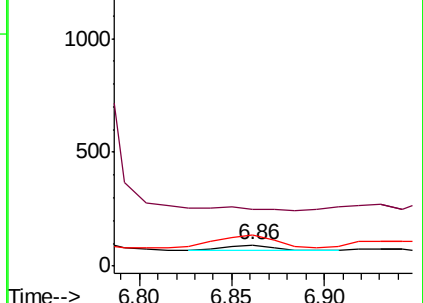
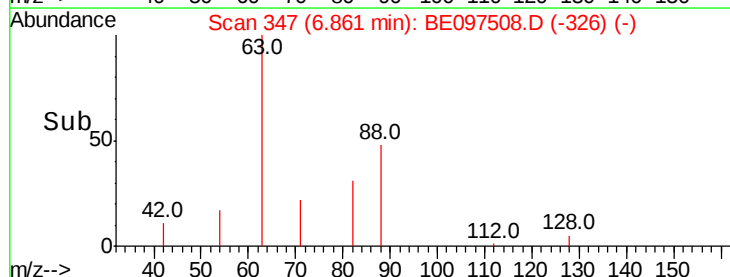
95 235.4 25.2 37.8#

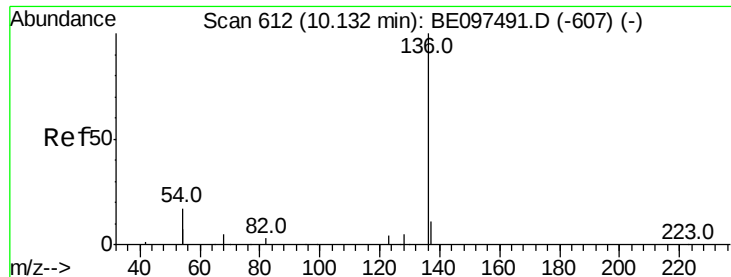


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5081

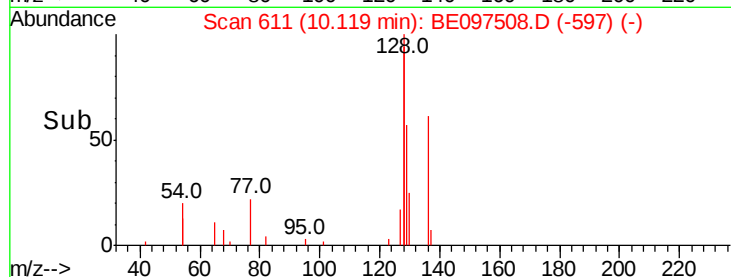
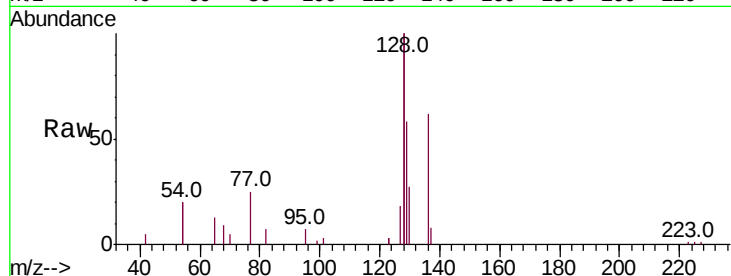
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 63.1 29.1 43.7#

68 13.9 6.2 9.2#

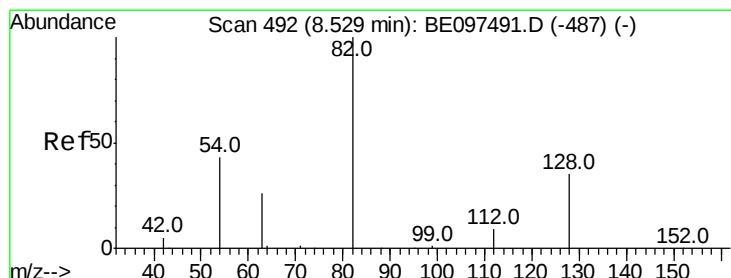
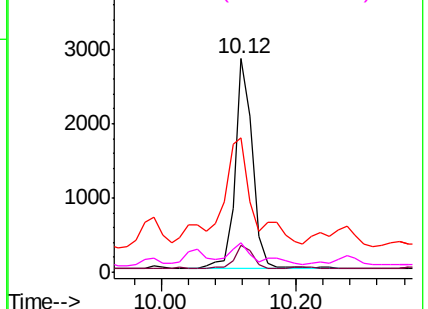


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.02 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

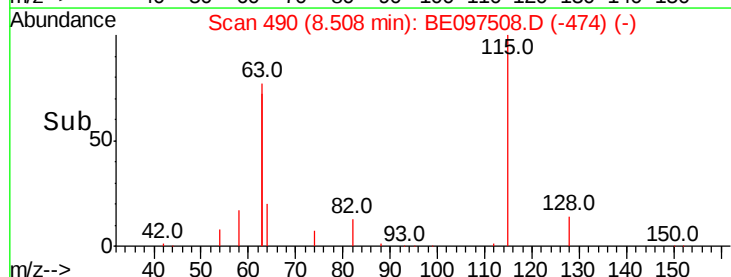
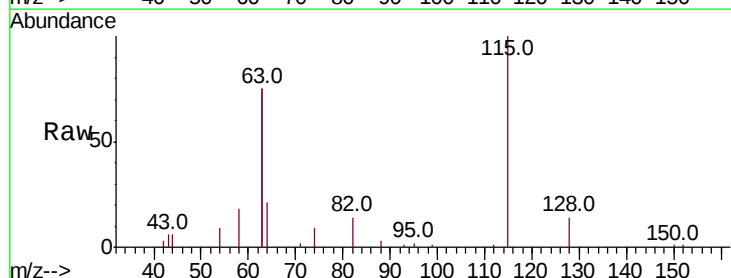
Tgt Ion: 82 Resp: 1640

Ion Ratio Lower Upper

82 100

128 104.8 24.0 36.0#

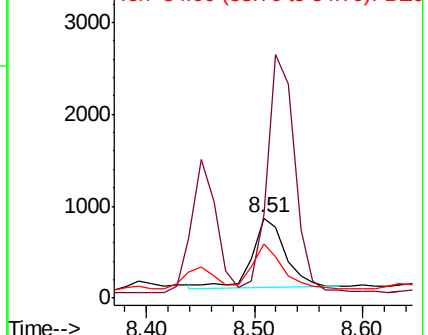
54 67.8 40.0 60.0#

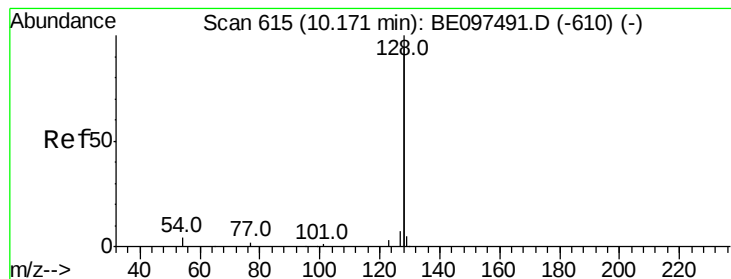


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.155 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

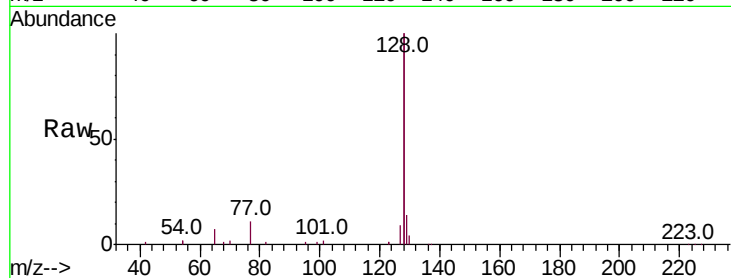
Tot Ion:128 Resp: 53268

Ion Ratio Lower Upper

128 100

129 7.0 2.6 3.8#

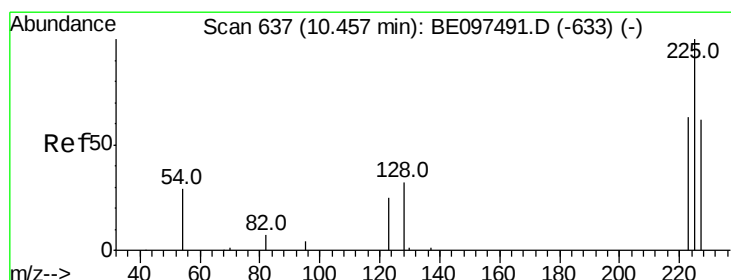
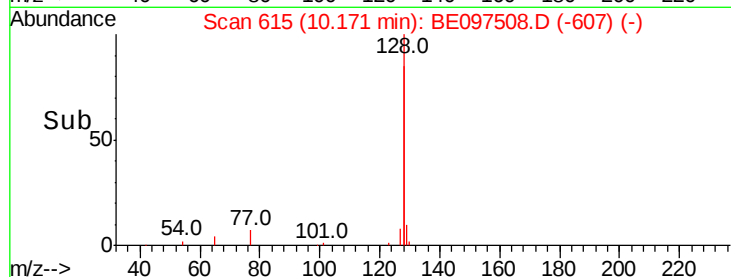
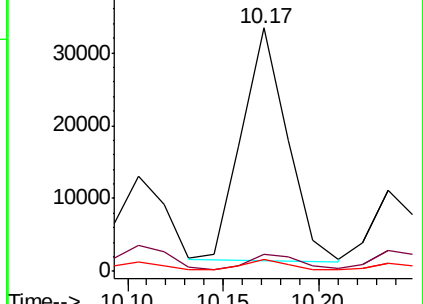
127 4.7 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

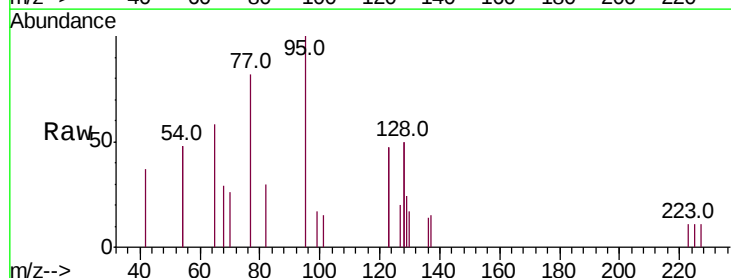
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 80.0 53.0 79.6#

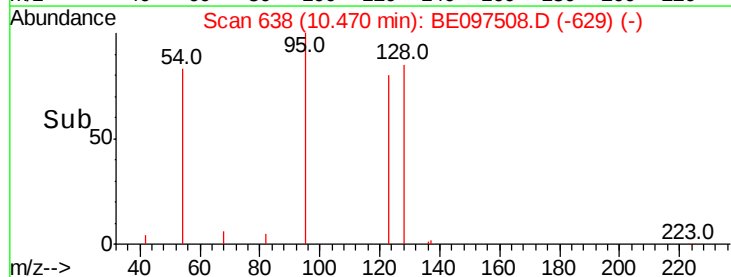
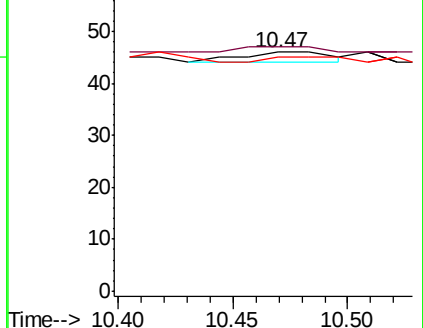
227 20.0 51.4 77.2#

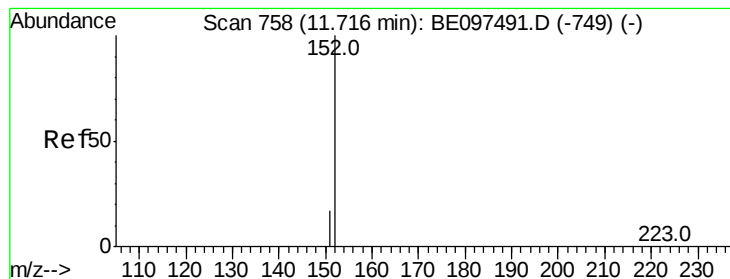


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.451 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

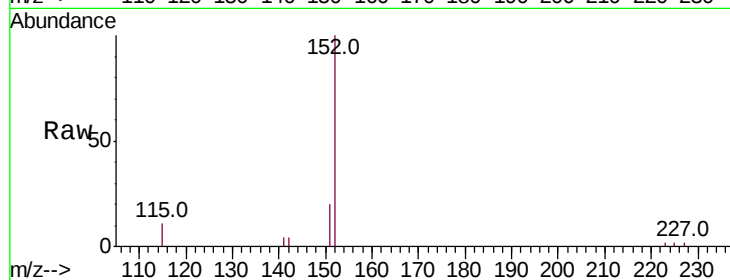
ClientSampled :

Tot Ion:152 Resp: 3276

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

2000

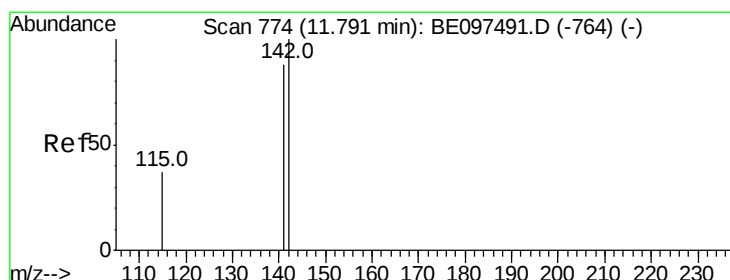
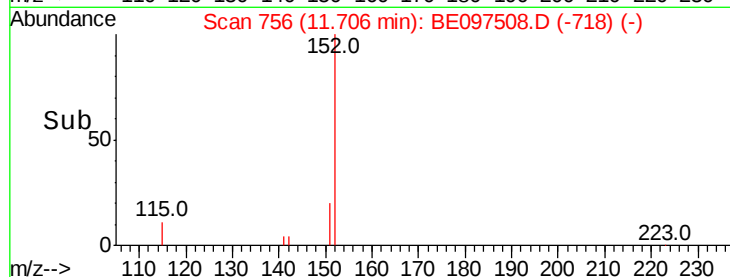
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 20.580 ng

RT: 11.78 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

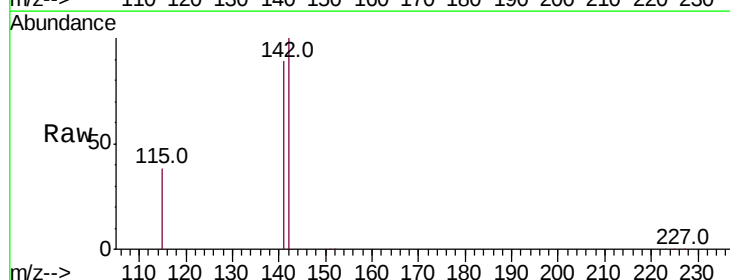
Tgt Ion:142 Resp: 151837

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6

115 38.1 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.78

120000

100000

80000

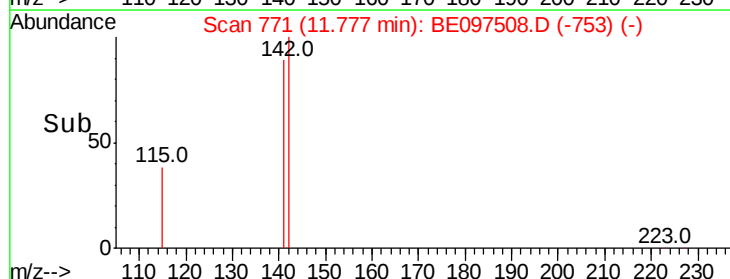
60000

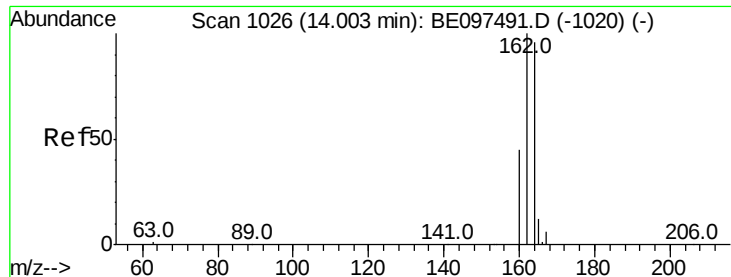
40000

20000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

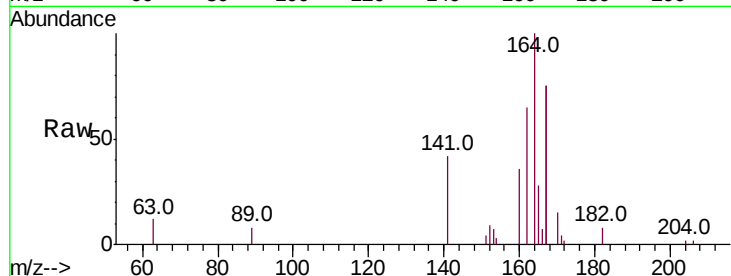
Tot Ion:164 Resp: 5216

Ion Ratio Lower Upper

164 100

162 64.5 83.1 124.7#

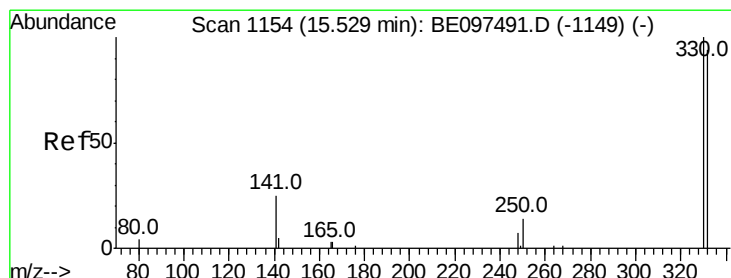
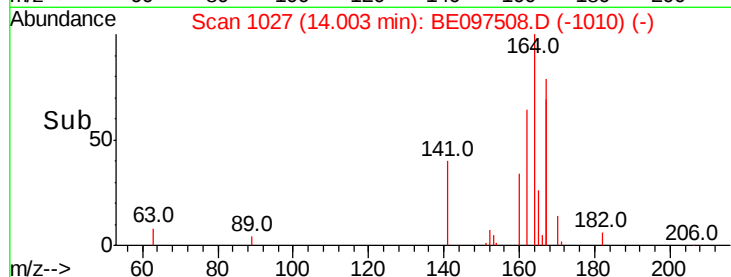
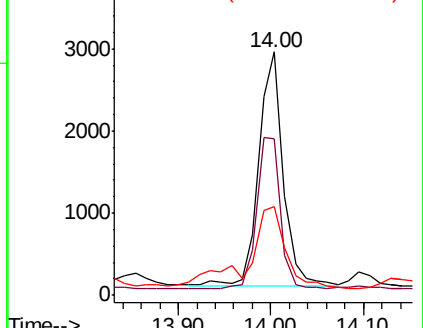
160 36.4 37.1 55.7#



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: 0.277 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

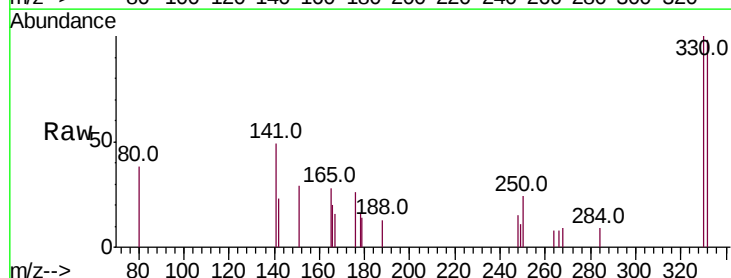
Tgt Ion:330 Resp: 764

Ion Ratio Lower Upper

330 100

332 97.9 152.7 229.1#

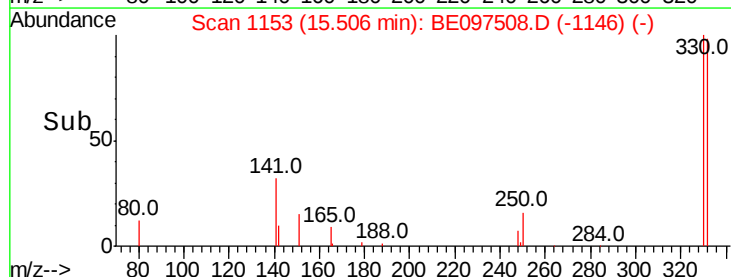
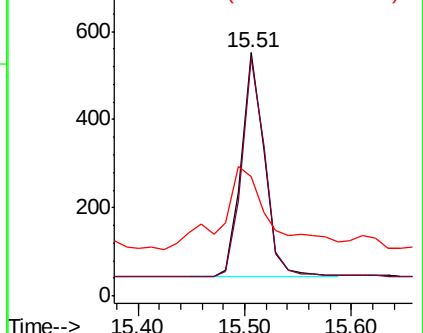
141 53.1 33.7 50.5#

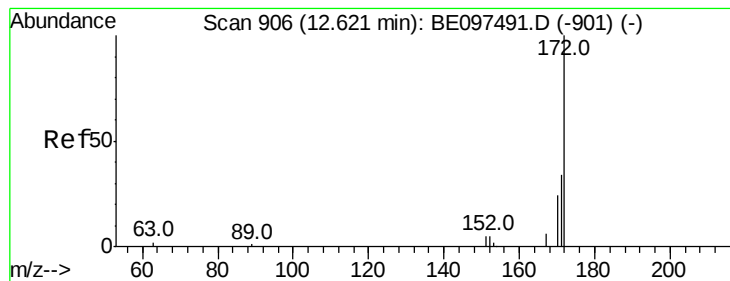


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

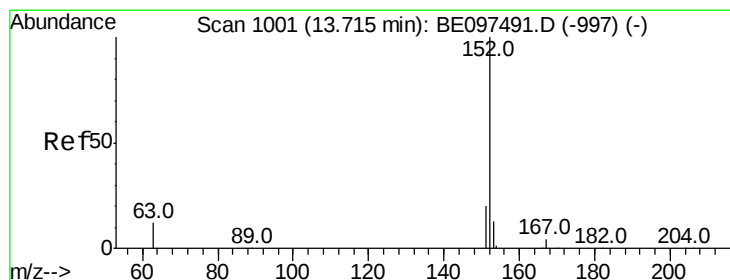
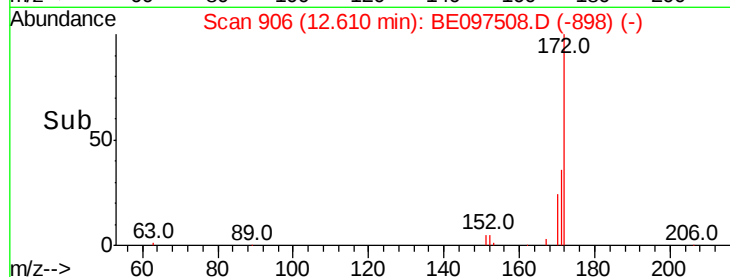
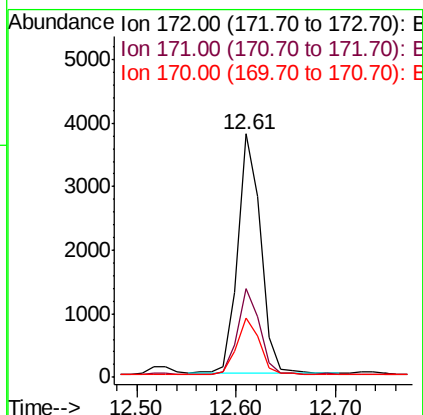
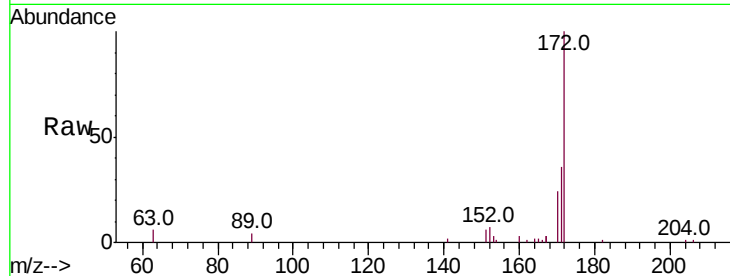




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097508.D
Acq: 17 Sep 2018 22:42

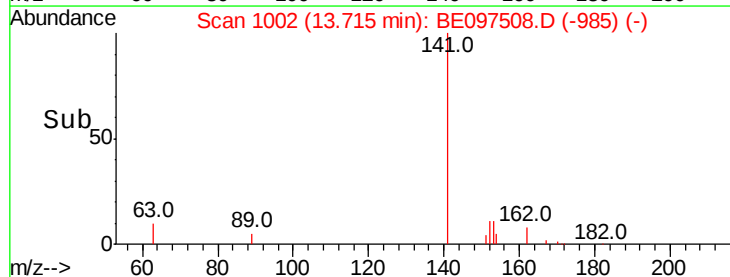
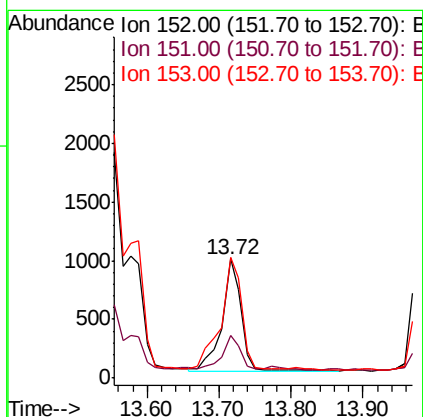
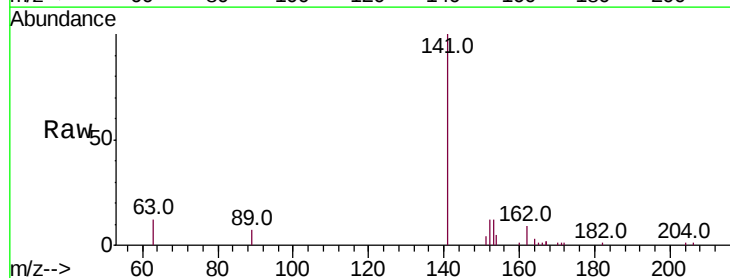
Instrument :
BNA_E
ClientSampleId :

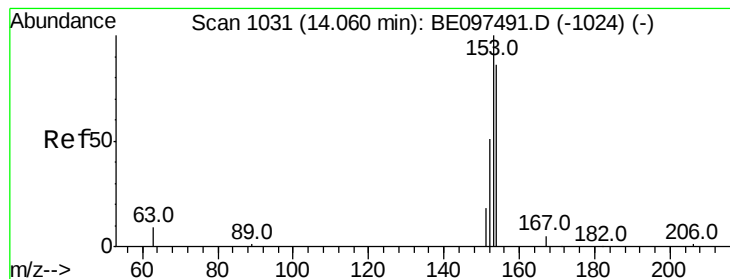
Tot Ion:172 Resp: 6028
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.076 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097508.D
Acq: 17 Sep 2018 22:42

Tgt Ion:152 Resp: 1731
Ion Ratio Lower Upper
152 100
151 29.6 15.7 23.5#
153 108.6 10.5 15.7#





#17

Acenaphthene

Concen: 0.131 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

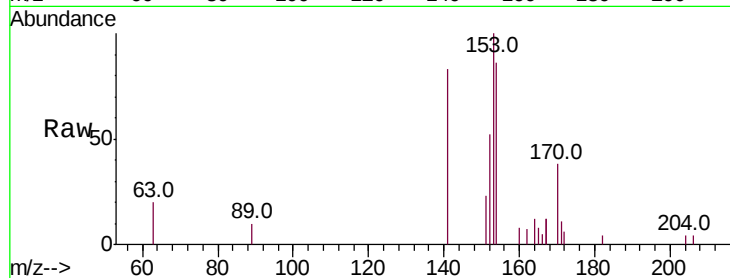
Tot Ion:154 Resp: 1839

Ion Ratio Lower Upper

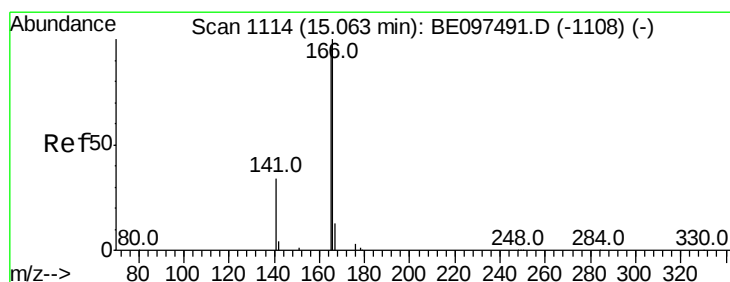
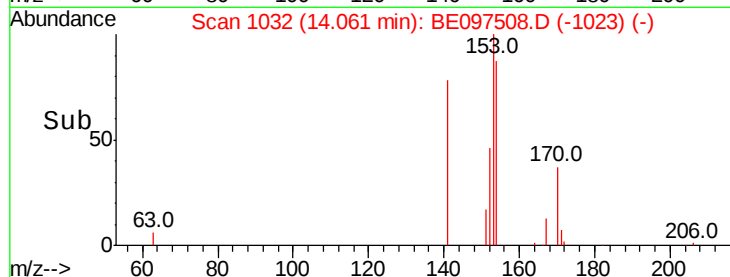
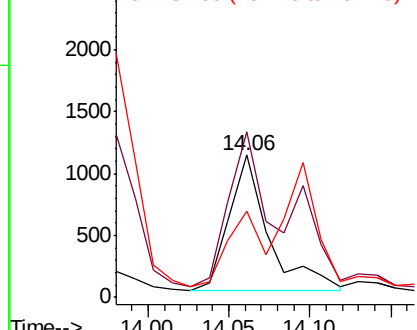
154 100

153 156.3 89.2 133.8#

152 0.0 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: 0.367 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

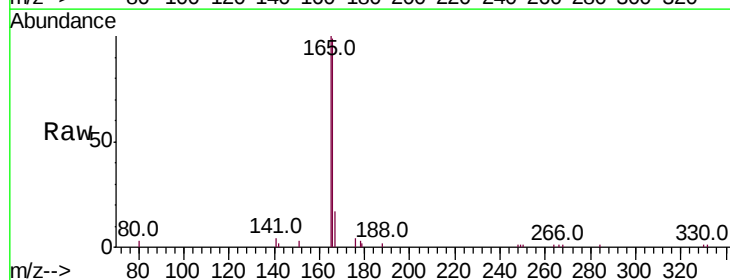
Tgt Ion:166 Resp: 6554

Ion Ratio Lower Upper

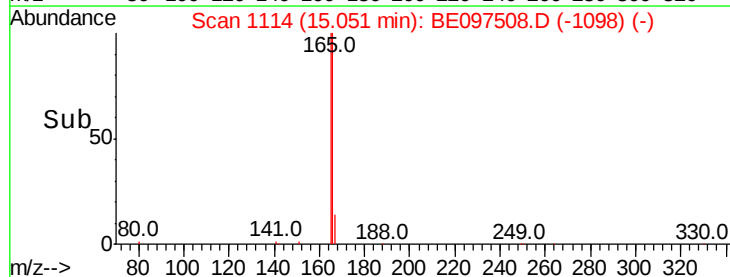
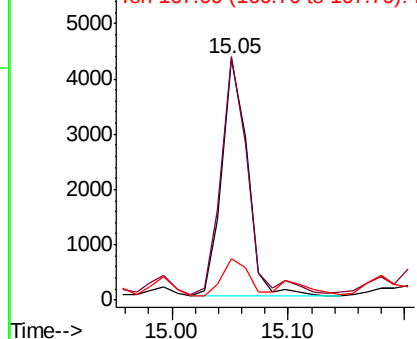
166 100

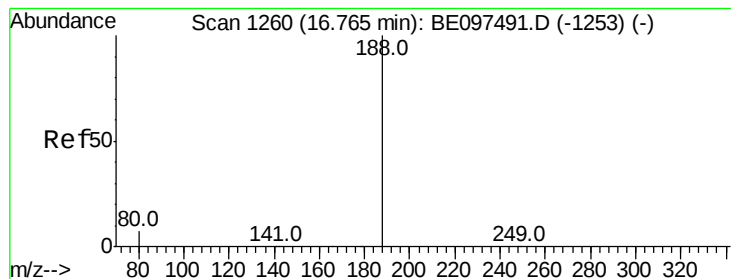
165 102.9 77.8 116.6

167 16.6 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. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

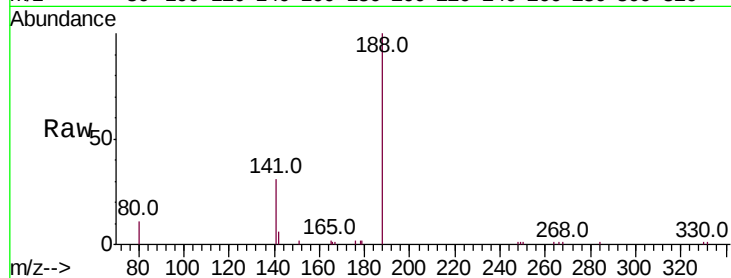
Tot Ion:188 Resp: 8085

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

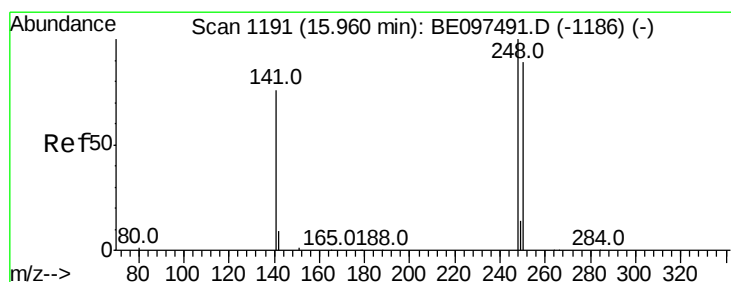
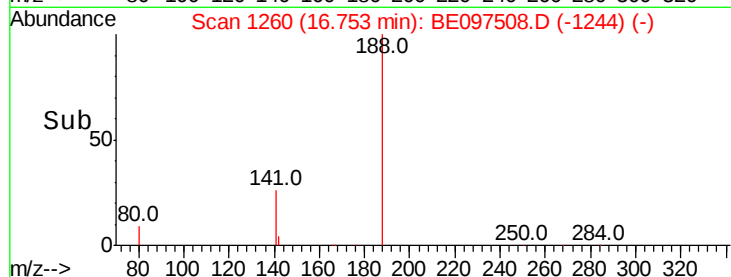
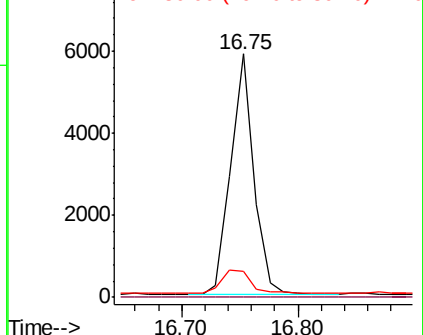
80 10.7 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

8000 Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 15.95 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

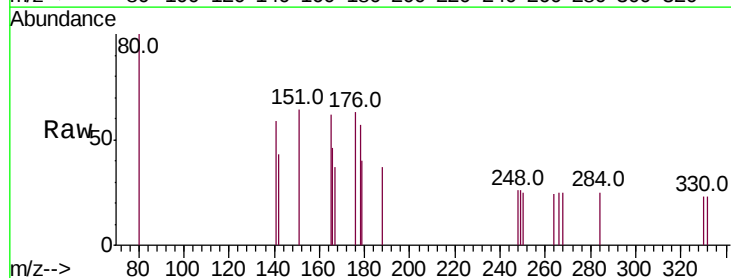
Tgt Ion:248 Resp: 5

Ion Ratio Lower Upper

248 100

250 95.9 62.7 94.1#

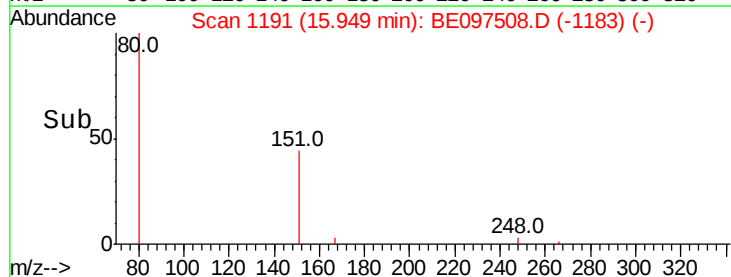
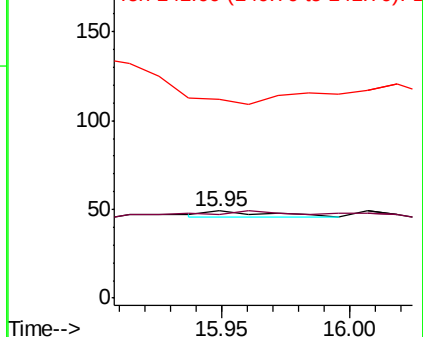
141 228.6 48.2 72.2#

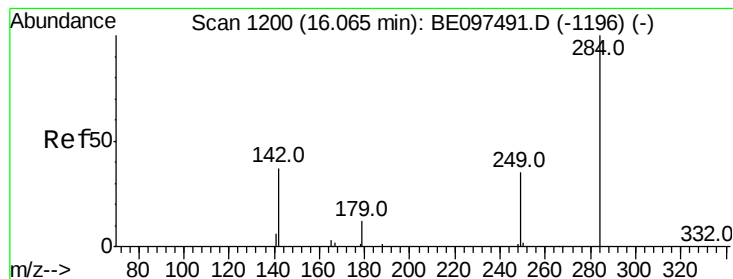


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.05 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

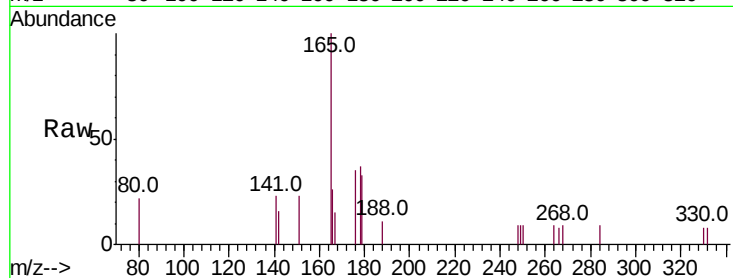
Tot Ion:284 Resp: 14

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

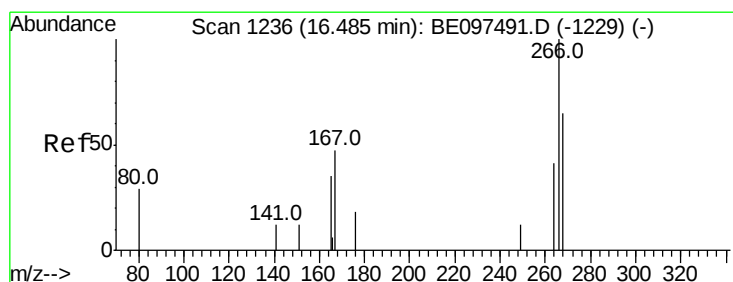
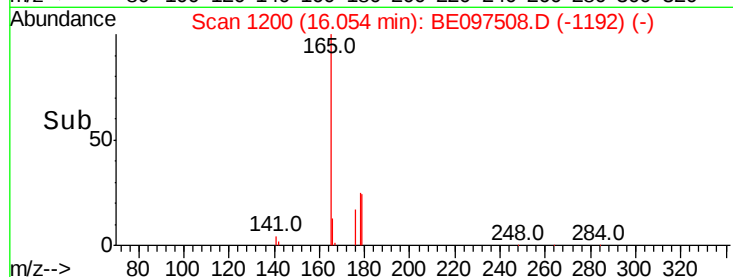
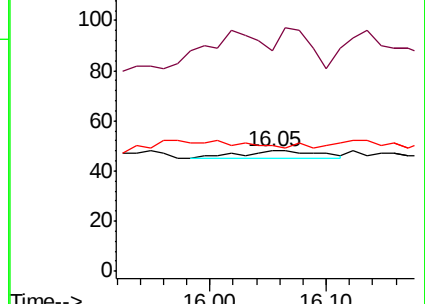
249 0.0 34.8 52.2#



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: 0.042 ng

RT: 16.51 min Scan# 1239

Delta R.T. 0.02 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

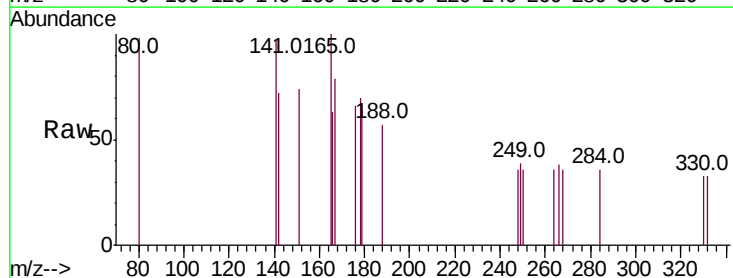
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 94.0 72.5 108.7

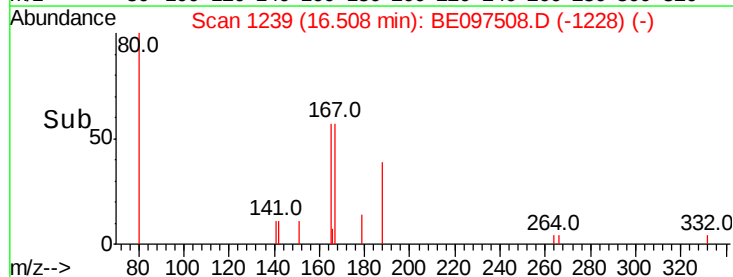
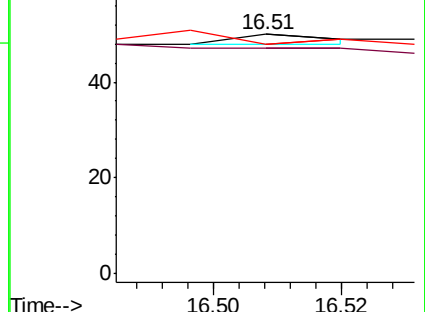
268 96.0 73.8 110.6

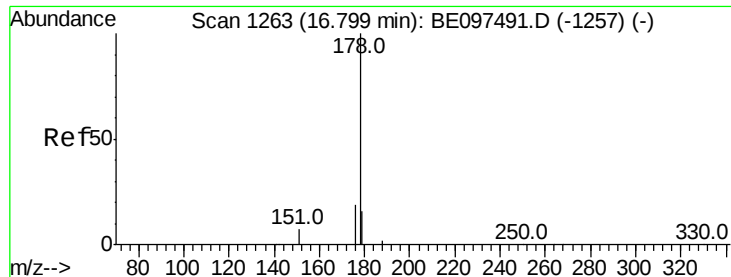


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.129 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

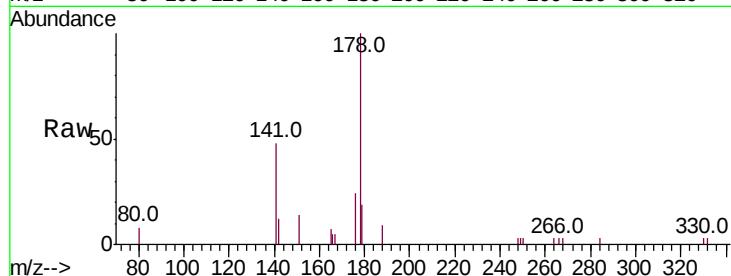
Tot Ion:178 Resp: 2444

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

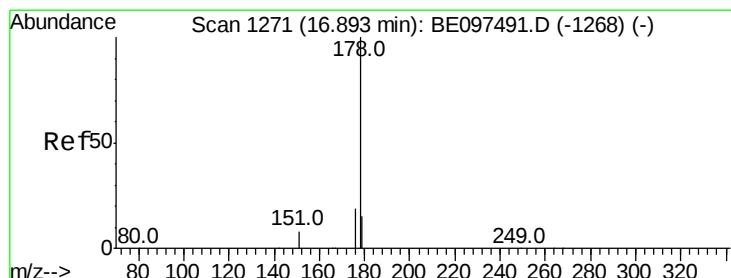
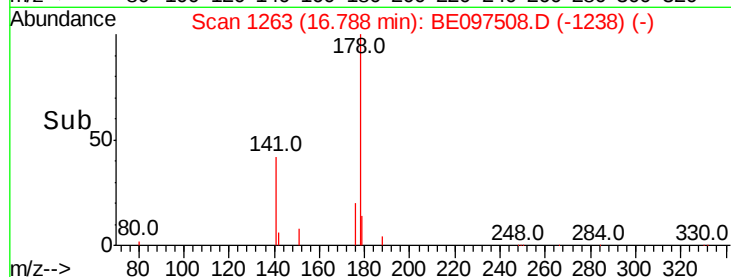
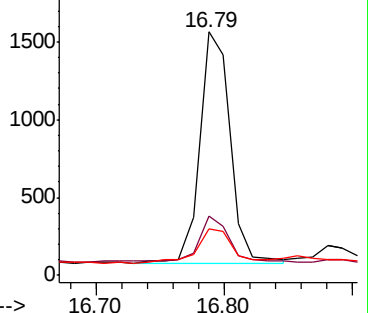
179 17.8 11.8 17.6#



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: 0.010 ng

RT: 16.88 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

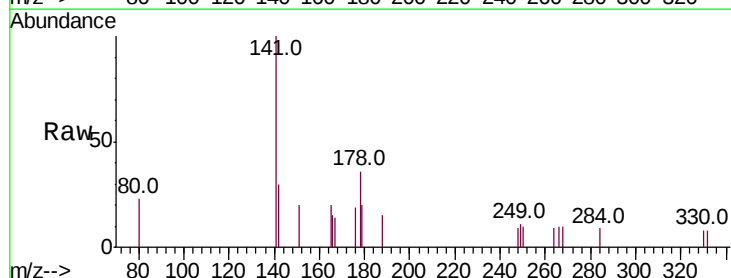
Tgt Ion:178 Resp: 181

Ion Ratio Lower Upper

178 100

176 19.9 12.8 19.2#

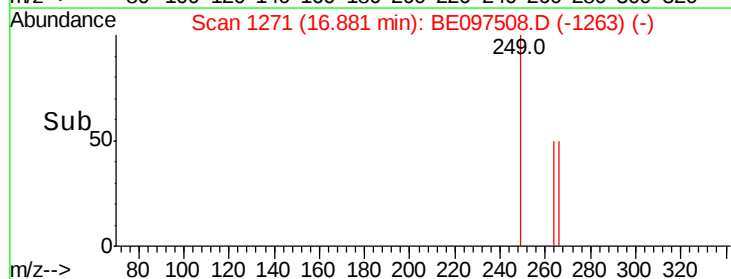
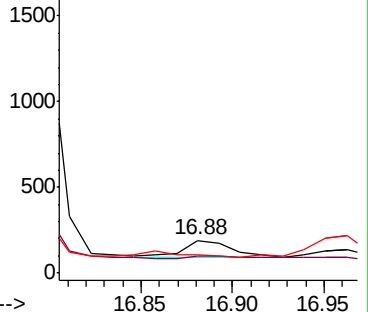
179 0.0 13.0 19.6#

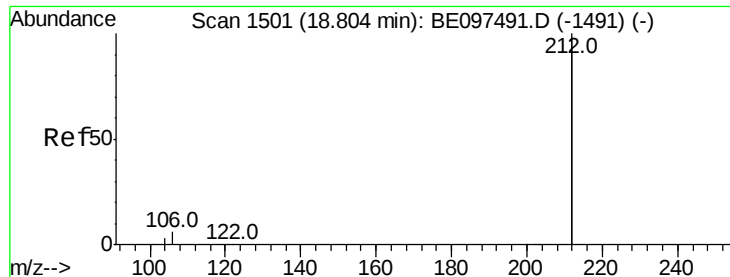


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.451 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

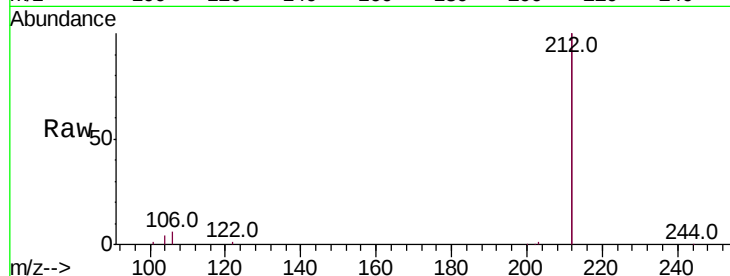
Tot Ion:212 Resp: 43857

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

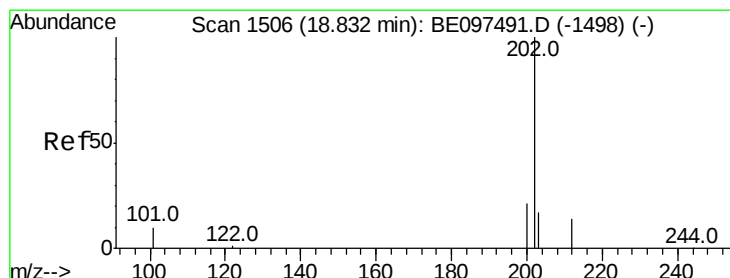
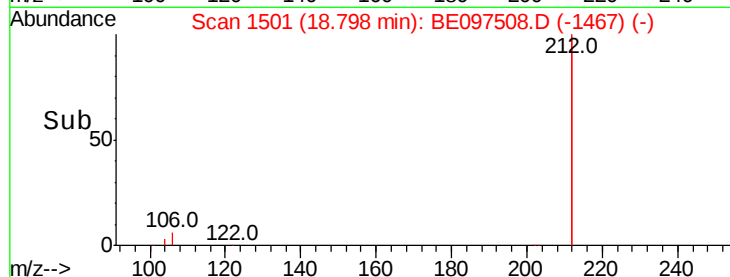
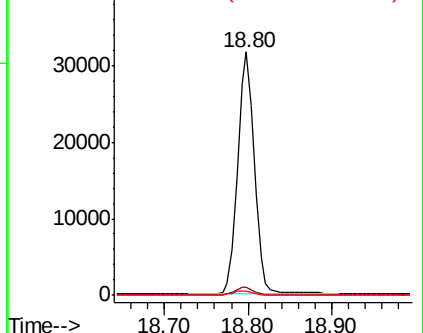
104 1.8 1.6 2.4



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: 0.004 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

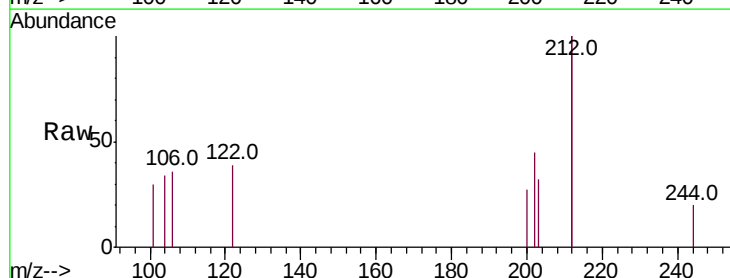
Tgt Ion:202 Resp: 101

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

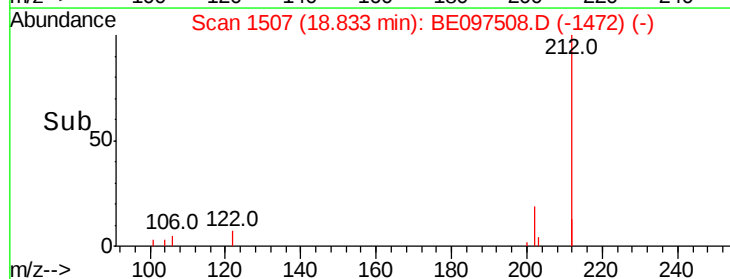
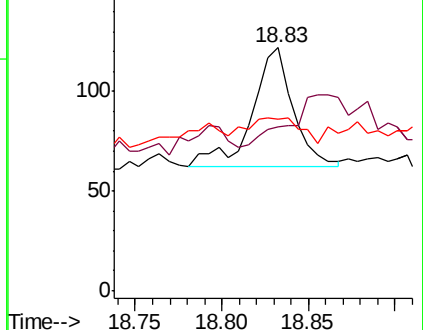
203 26.7 13.7 20.5#

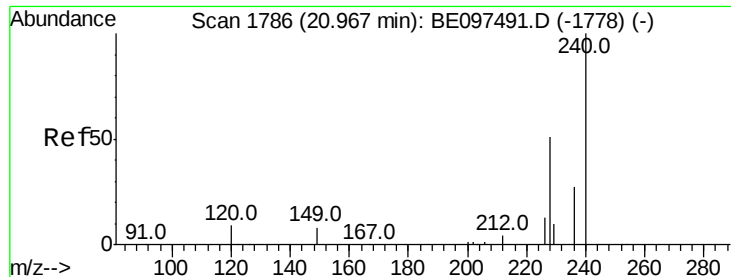


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

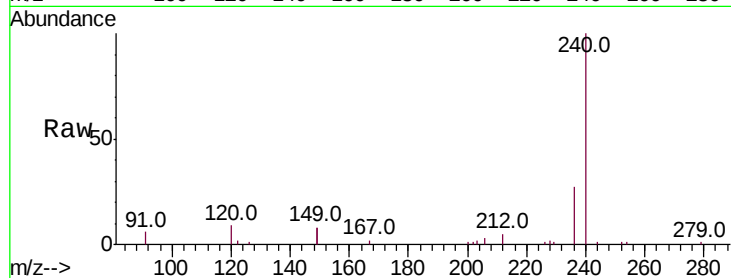
Tot Ion:240 Resp: 9164

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

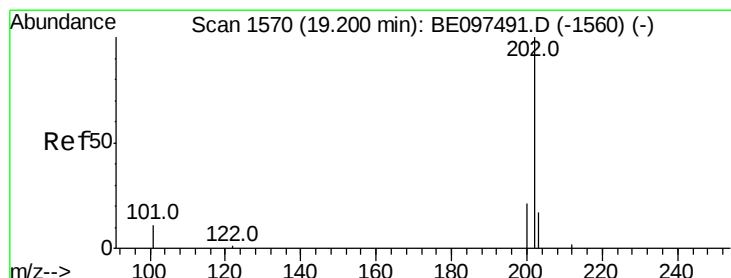
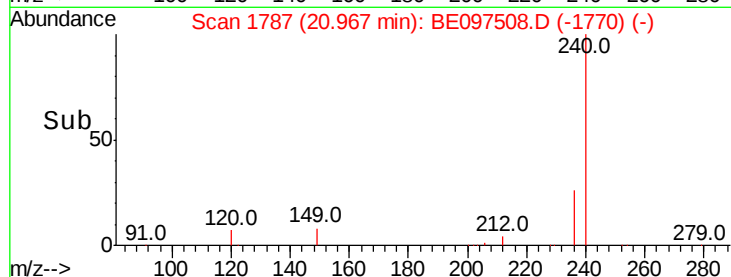
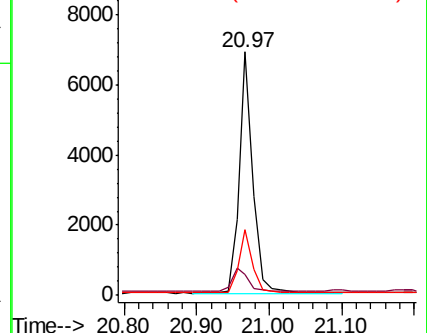
236 27.2 20.7 31.1



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: 0.006 ng

RT: 19.19 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

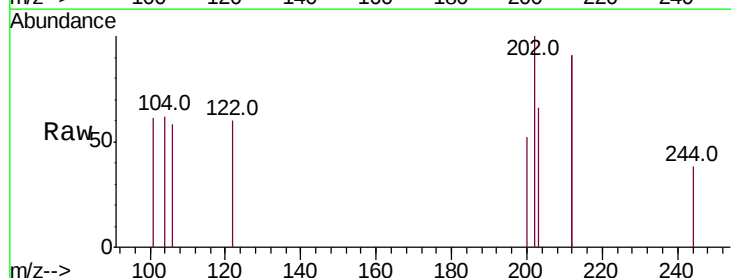
Tgt Ion:202 Resp: 141

Ion Ratio Lower Upper

202 100

200 23.4 16.6 25.0

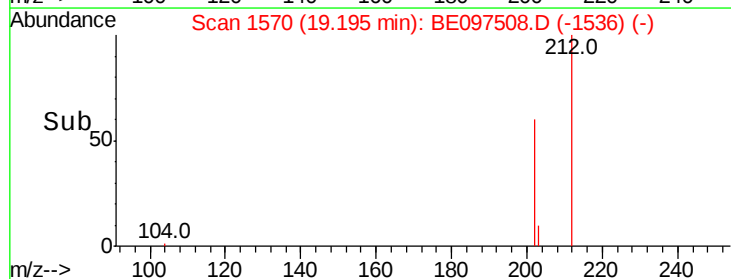
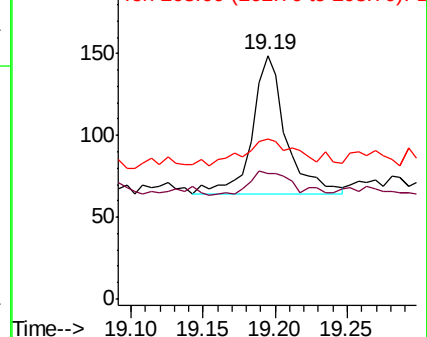
203 28.4 13.8 20.8#

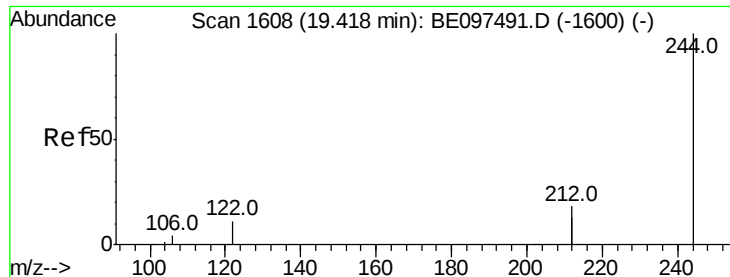


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.607 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

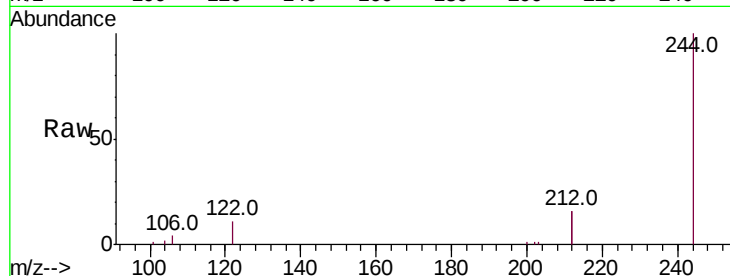
Tot Ion:244 Resp: 10635

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

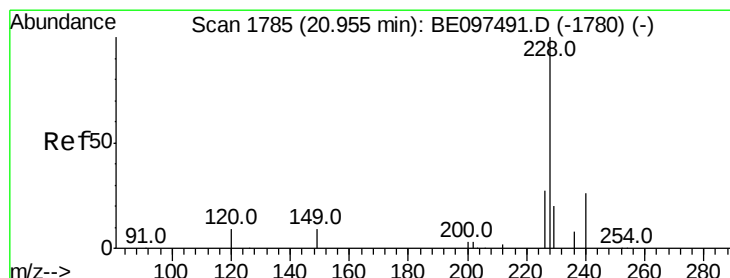
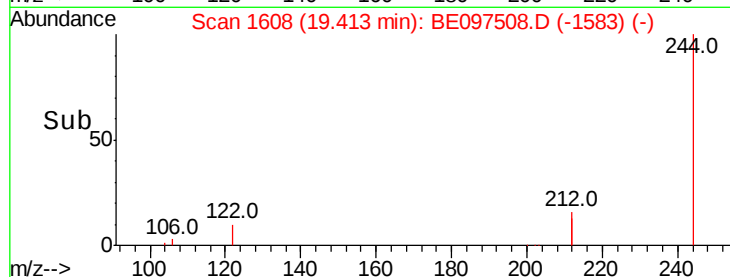
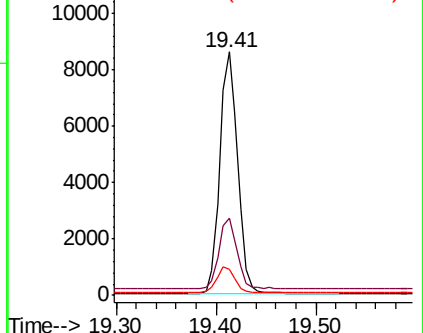
122 10.7 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

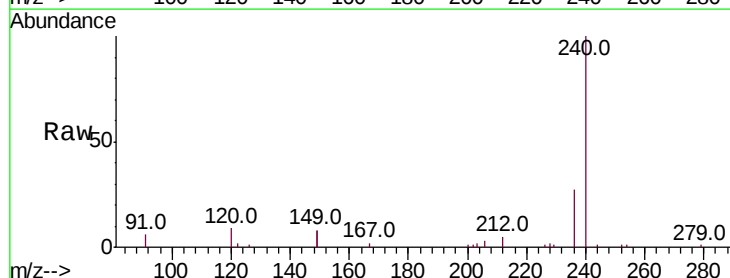
Tgt Ion:228 Resp: 73

Ion Ratio Lower Upper

228 100

226 68.6 24.0 36.0#

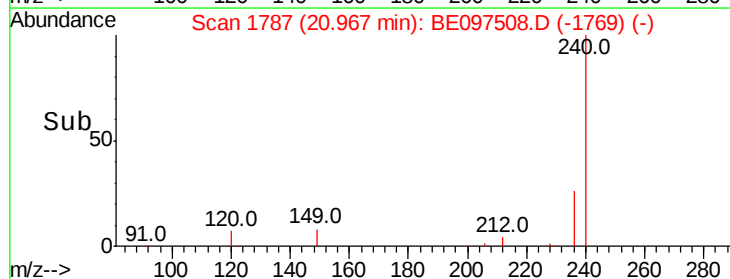
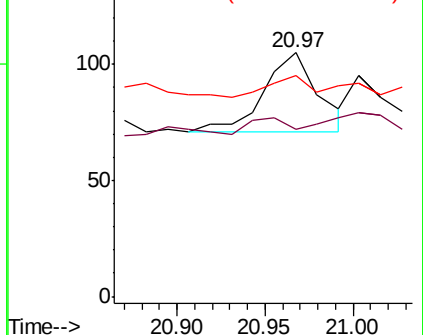
229 90.5 16.0 24.0#

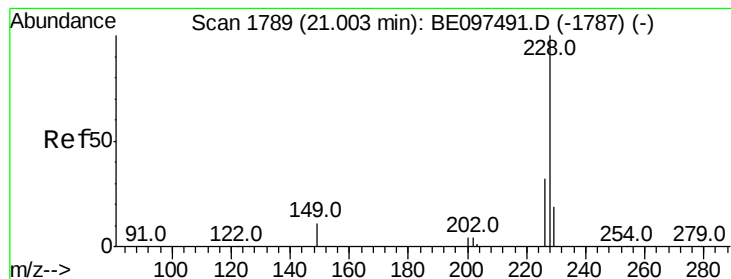


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.001 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

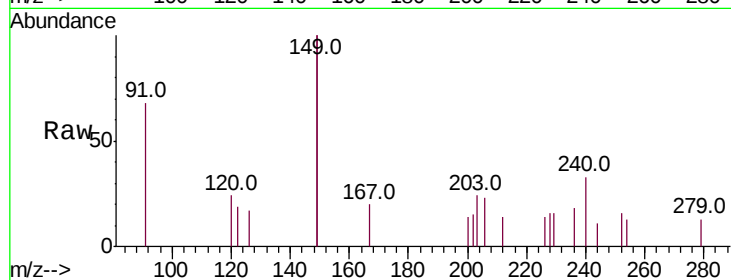
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 30

Ion	Ratio	Lower	Upper
228	100		
226	83.2	24.0	36.0#
229	96.8	16.0	24.0#

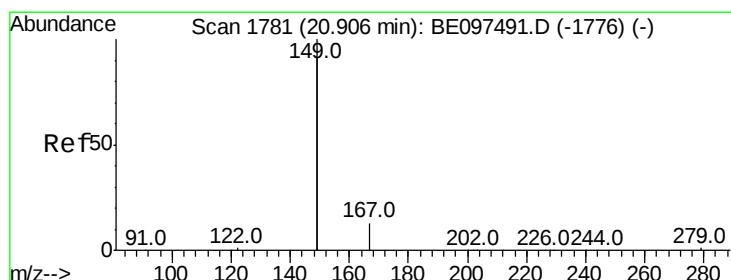
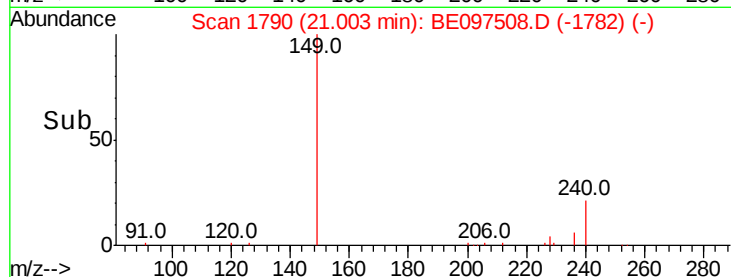
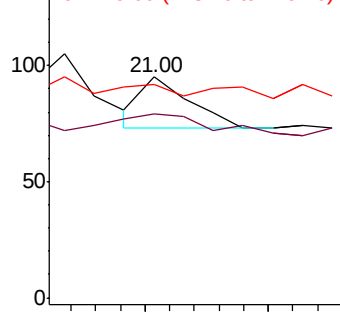


Abundance

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: 0.124 ng

RT: 20.91 min Scan# 1782

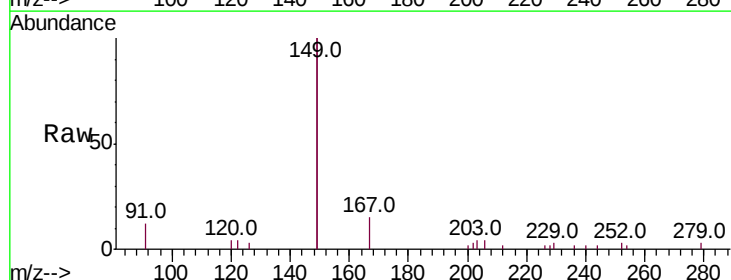
Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Tgt Ion:149 Resp: 6340

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

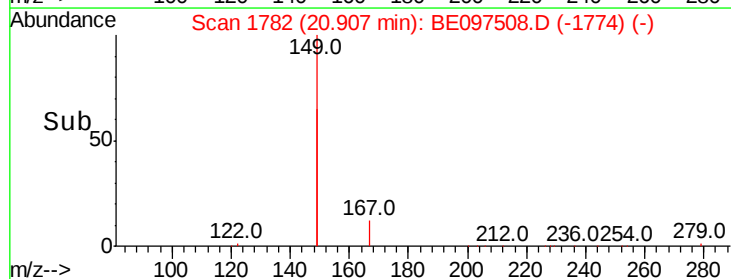
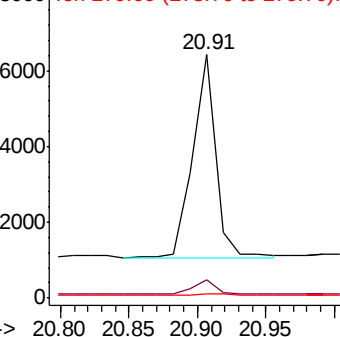


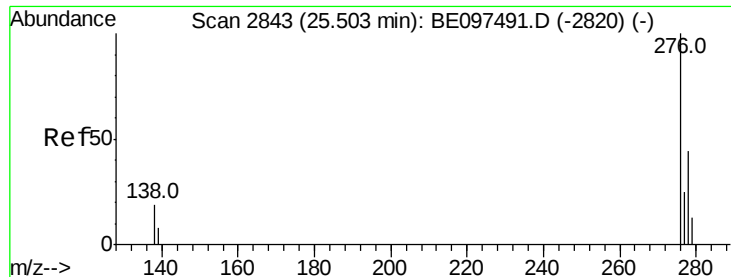
Abundance

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: 0.000 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.00 min

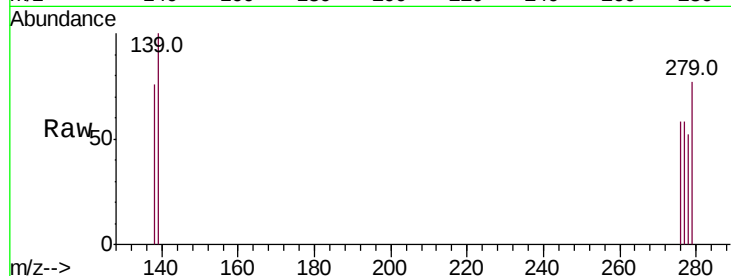
Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

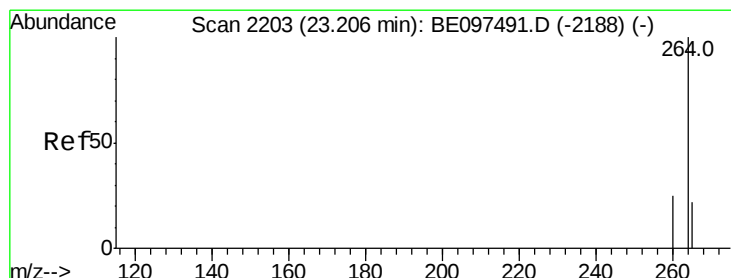
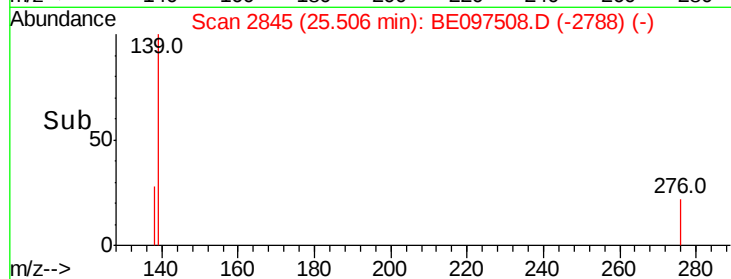
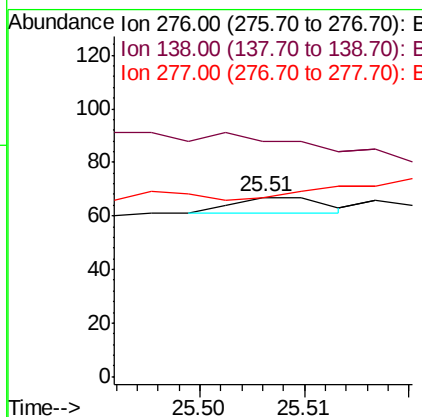
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
138	375.0	22.5	33.7#
277	25.0	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

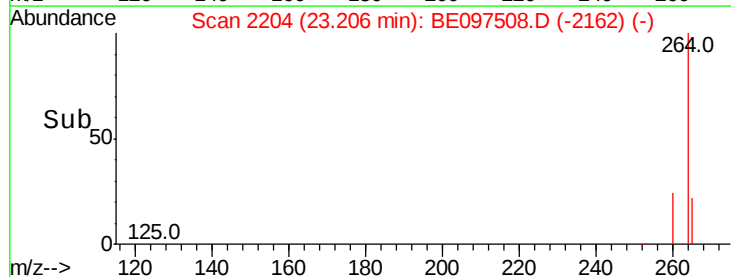
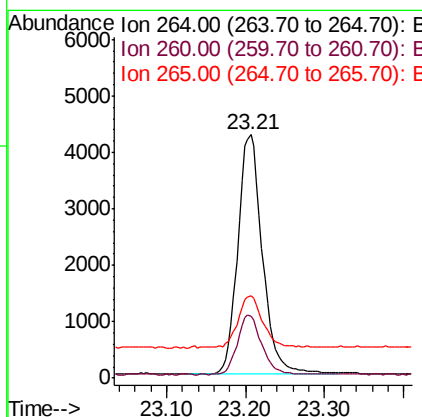
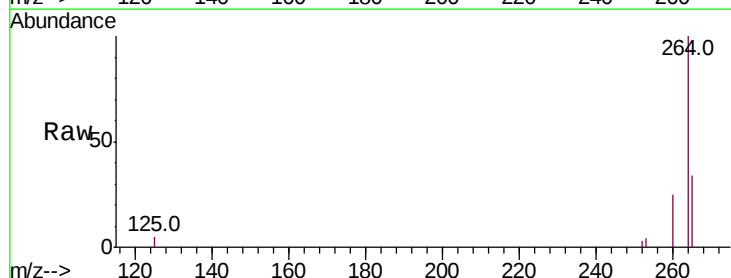
RT: 23.21 min Scan# 2204

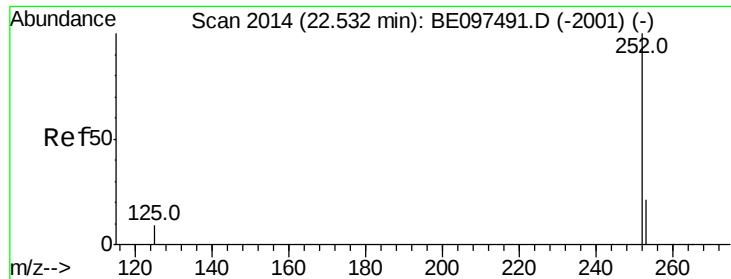
Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Tgt Ion:	264	Resp:	9221
Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	34.0	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 22.54 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

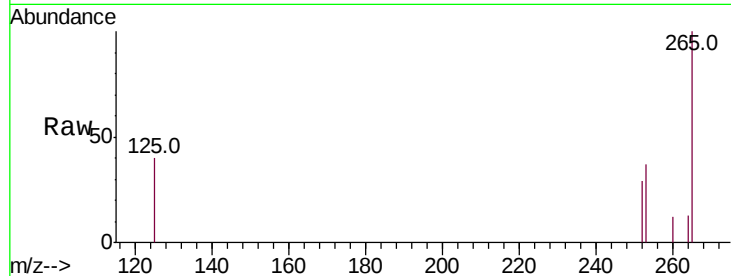
Tot Ion:252 Resp: 49

Ion Ratio Lower Upper

252 100

253 127.2 20.0 30.0#

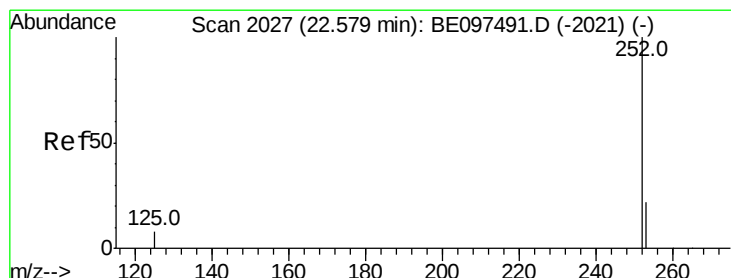
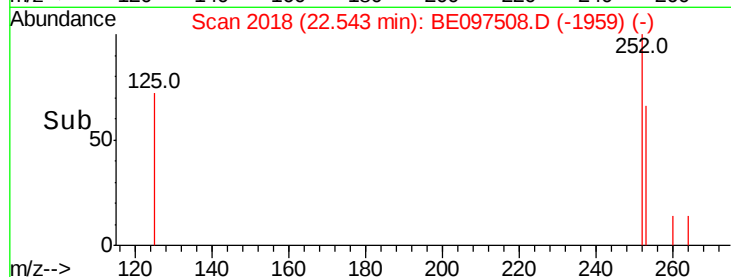
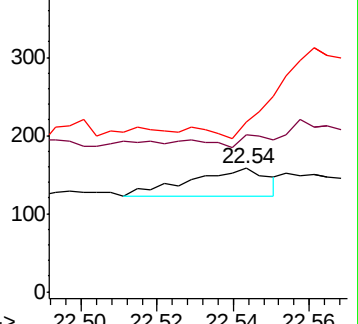
125 138.0 16.0 24.0#



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: 0.002 ng

RT: 22.54 min Scan# 2018

Delta R.T. -0.04 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

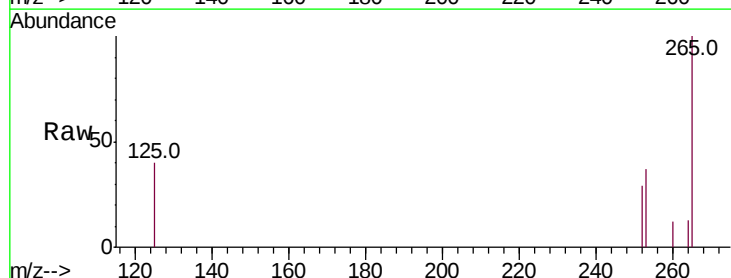
Tgt Ion:252 Resp: 49

Ion Ratio Lower Upper

252 100

253 127.2 16.0 24.0#

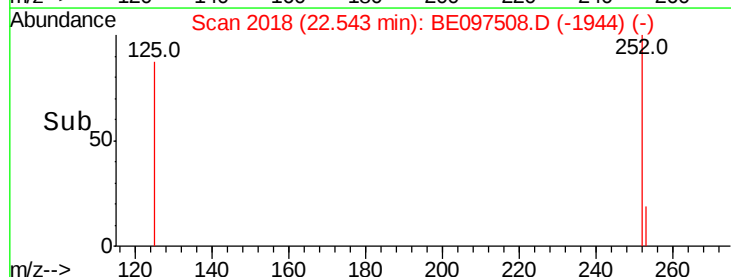
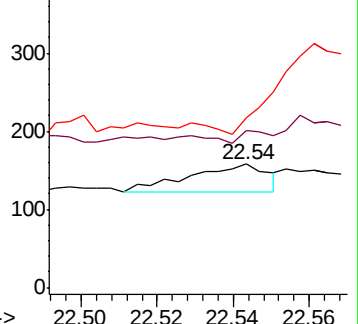
125 138.0 8.0 12.0#

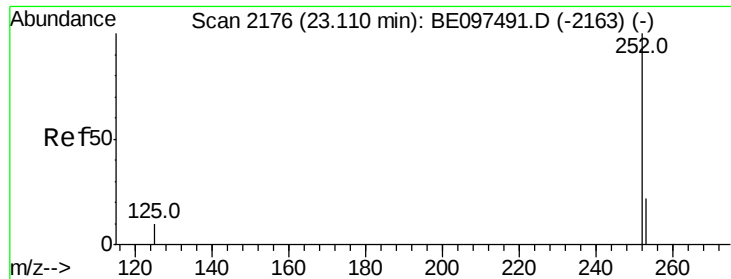


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampled :

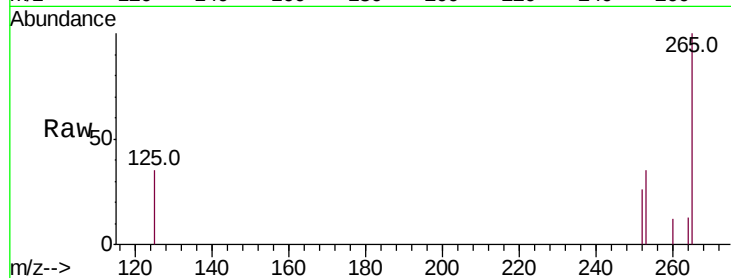
Tot Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 133.6 16.0 24.0#

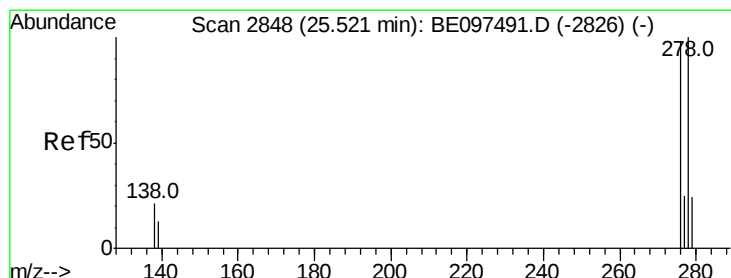
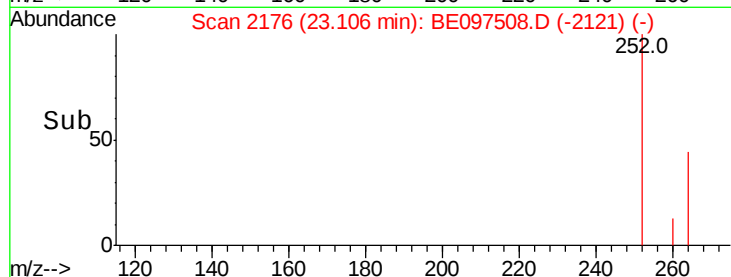
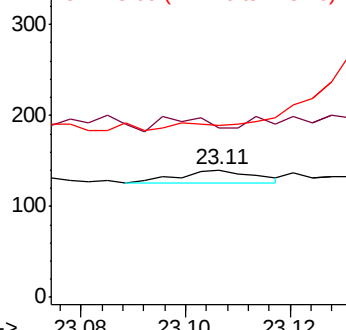
125 135.0 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

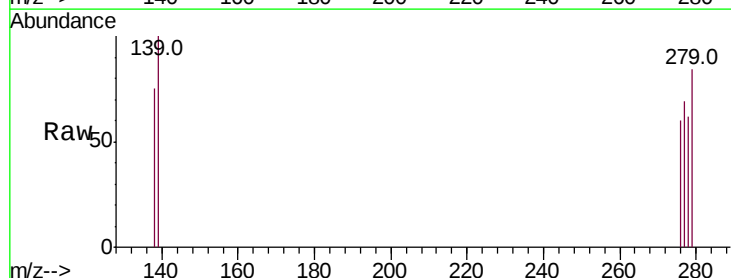
Tgt Ion:278 Resp: 4

Ion Ratio Lower Upper

278 100

139 162.1 16.0 24.0#

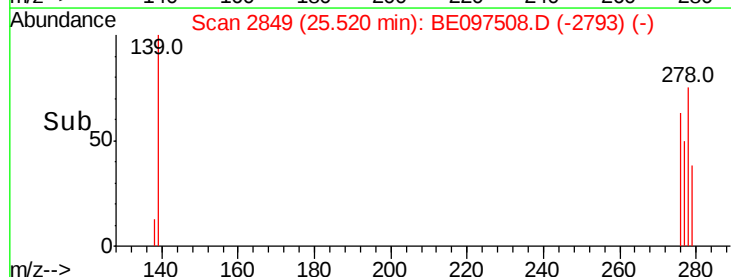
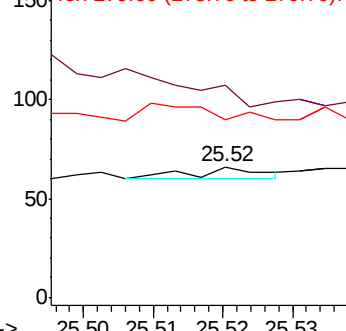
279 136.4 20.0 30.0#

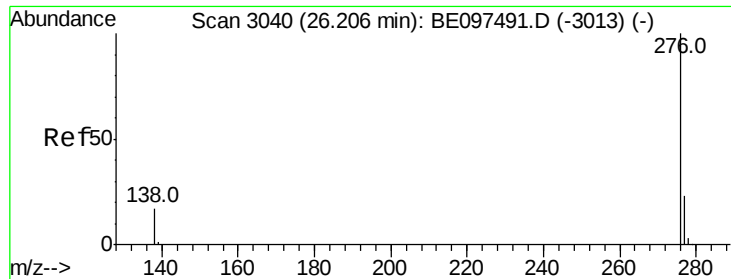


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.000 ng

RT: 26.19 min Scan# 3038

Delta R.T. -0.01 min

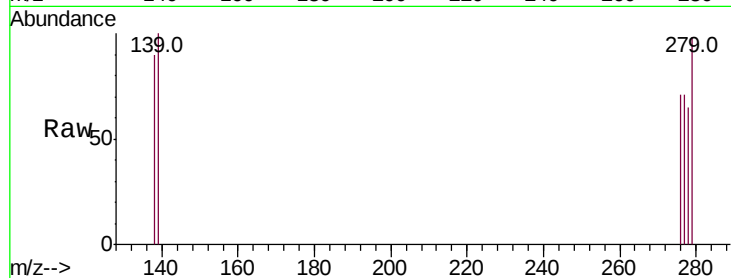
Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :



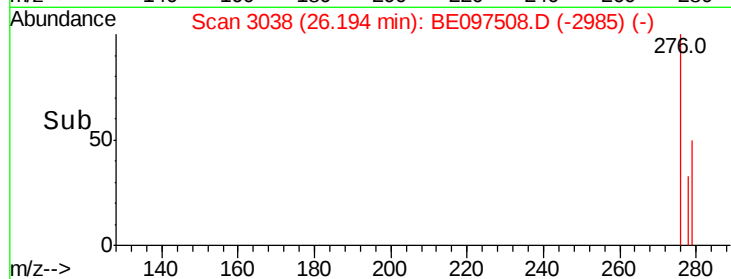
Tot Ion: 276 Resp: 7

Ion Ratio Lower Upper

276 100

277 100.0 16.0 24.0#

138 127.3 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

