

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
 Data File : BE097336.D
 Acq On : 20 Aug 2018 17:20
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 20 18:10:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 20 16:08:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	997	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	5111	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2876	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6408	0.40	ng	0.00
27) Chrysene-d12	20.97	240	6755	0.40	ng	-0.01
34) Perylene-d12	23.21	264	4671	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	7960	2.43	ng	0.00
5) Phenol-d6	6.59	99	12819	2.74	ng	0.00
8) Nitrobenzene-d5	8.52	82	9768	2.09	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	23777	3.20	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	2916	3.03	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	33836	3.13	ng	-0.01
25) Fluoranthene-d10	18.80	212	215698	3.37	ng	0.00
29) Terphenyl-d14	19.42	244	42874	3.38	ng	0.00

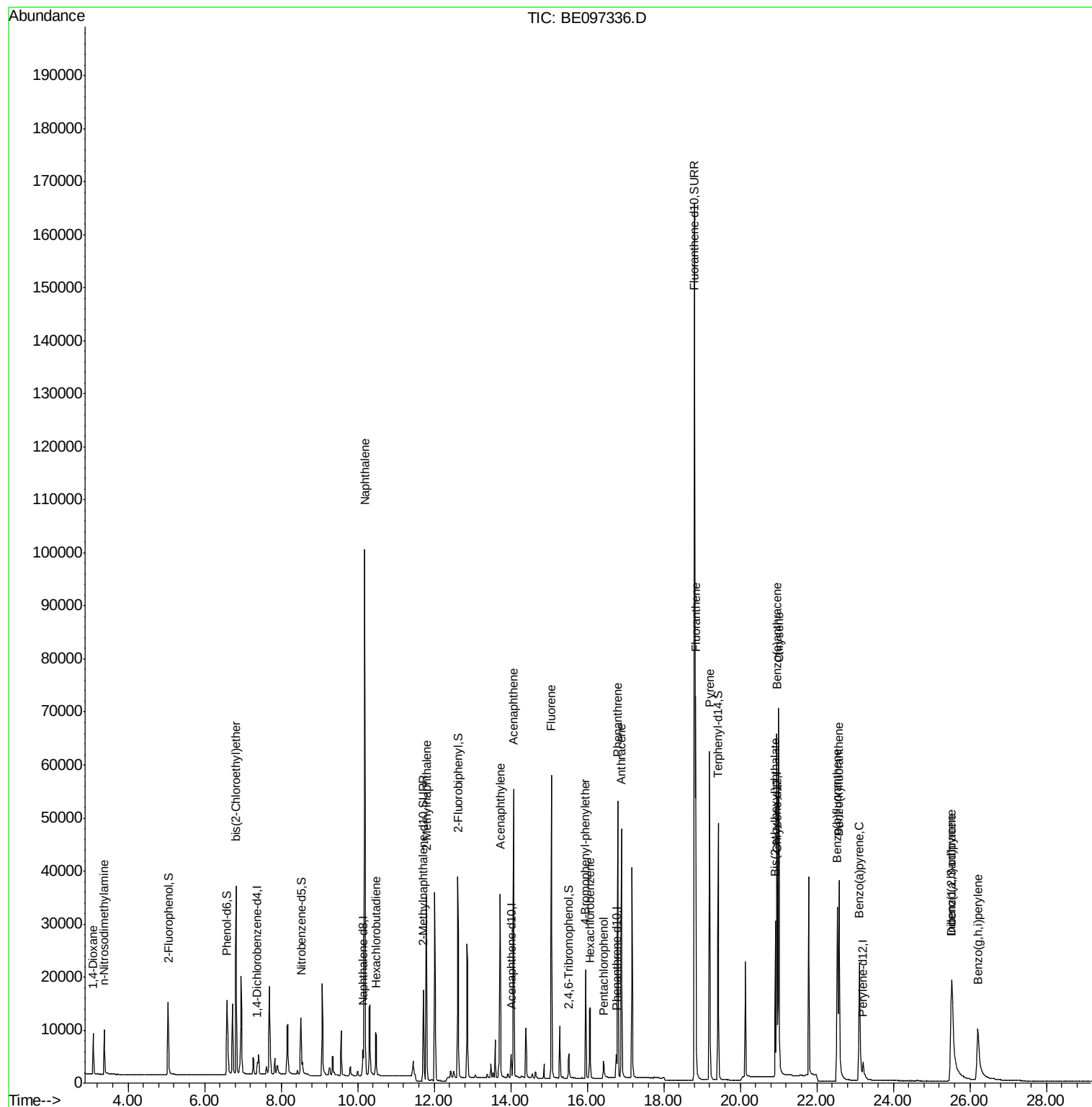
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	4450	3.972	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	4907	3.777	ng	# 87
6) bis(2-Chloroethyl)ether	6.83	93	11226	3.010	ng	99
9) Naphthalene	10.18	128	150503	3.150	ng	99
10) Hexachlorobutadiene	10.47	225	6291	2.915	ng	97
12) 2-Methylnaphthalene	11.80	142	25189	3.220	ng	99
16) Acenaphthylene	13.73	152	40044	3.016	ng	100
17) Acenaphthene	14.07	154	25113	3.291	ng	95
18) Fluorene	15.06	166	31189	3.293	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	10639	3.177	ng	# 79
21) Hexachlorobenzene	16.08	284	11972	3.152	ng	# 83
22) Pentachlorophenol	16.43	266	2328	2.756	ng	# 71
23) Phenanthrene	16.80	178	51495	3.330	ng	99
24) Anthracene	16.89	178	47491	3.427	ng	96
26) Fluoranthene	18.83	202	60235	3.520	ng	98
28) Pyrene	19.20	202	58532	3.214	ng	99
30) Benzo(a)anthracene	20.95	228	53241	3.134	ng	97
31) Chrysene	21.00	228	59855	3.443	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	31558	1.436	ng	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	39893	2.129	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	44067	3.794	ng	# 87
36) Benzo(k)fluoranthene	22.58	252	58131	4.115	ng	96
37) Benzo(a)pyrene	23.11	252	41628	3.569	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	35362	3.071	ng	# 94
39) Benzo(g,h,i)perylene	26.21	276	33773	2.907	ng	# 90

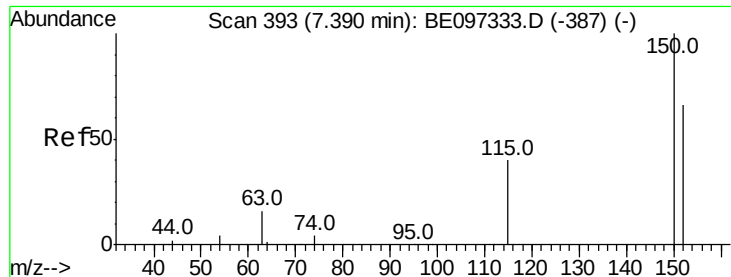
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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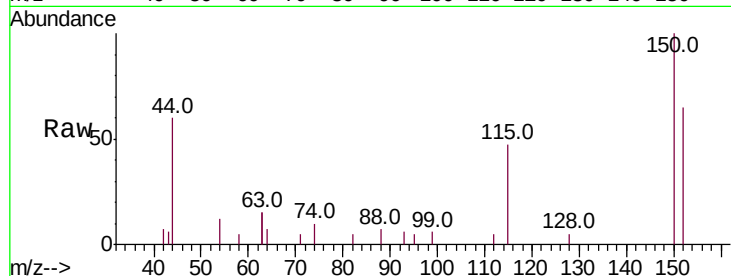


#1

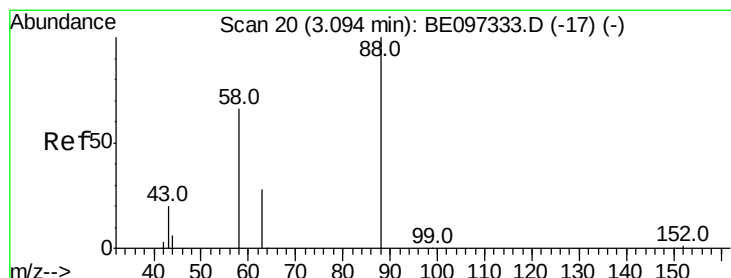
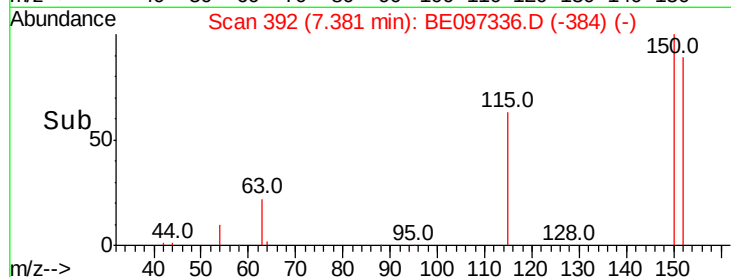
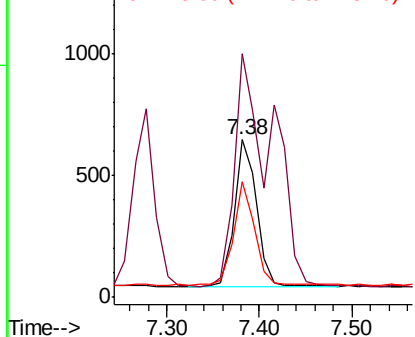
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 997
Ion Ratio Lower Upper
152 100
150 154.5 117.2 175.8
115 73.1 57.0 85.6



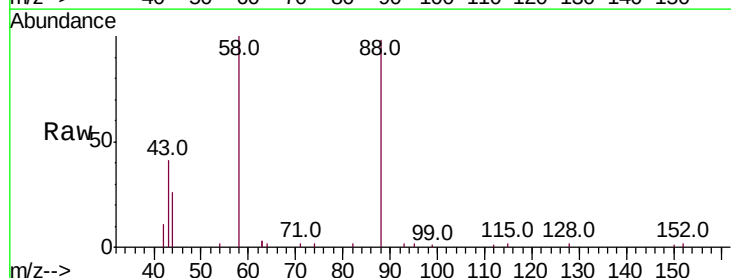
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



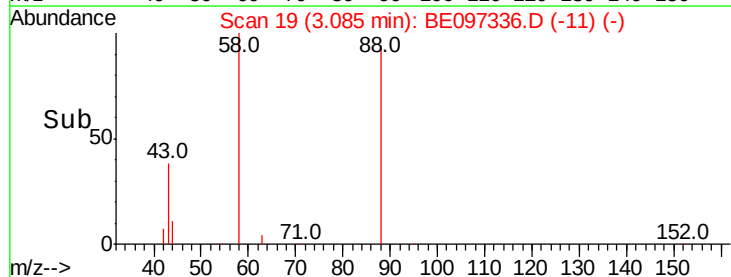
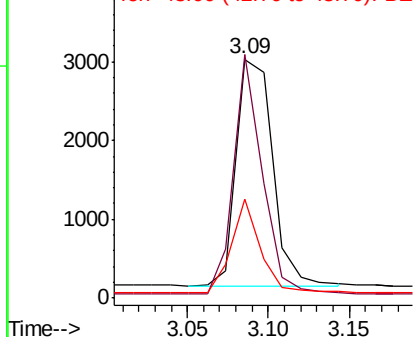
#2

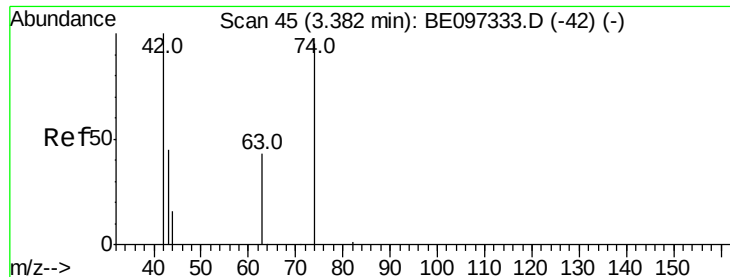
1,4-Dioxane
Concen: 3.972 ng
RT: 3.09 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion: 88 Resp: 4450
Ion Ratio Lower Upper
88 100
58 83.6 63.2 94.8
43 32.3 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.777 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

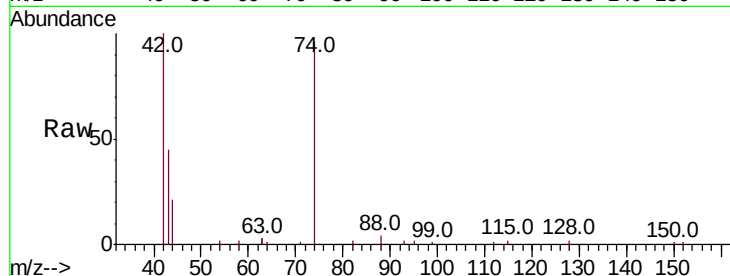
Tot Ion: 42 Resp: 4907

Ion Ratio Lower Upper

42 100

74 105.4 96.0 144.0

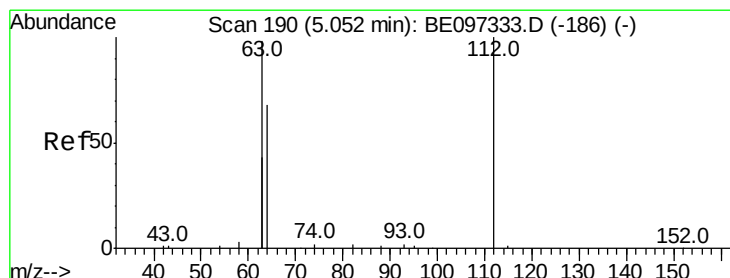
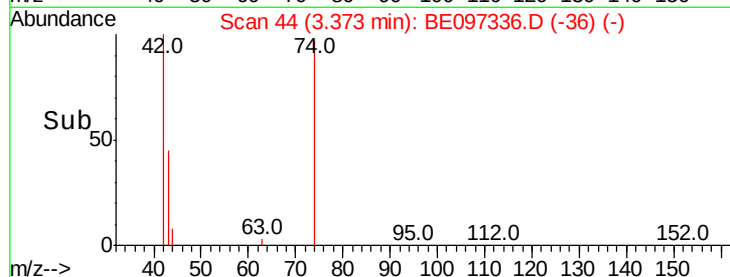
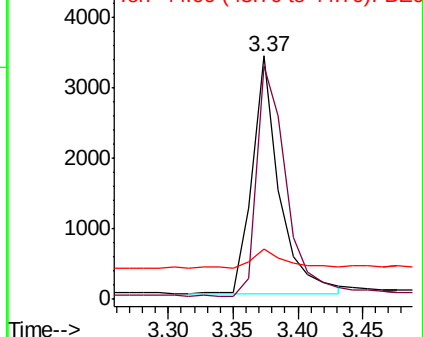
44 8.9 12.0 18.0#



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: 2.429 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

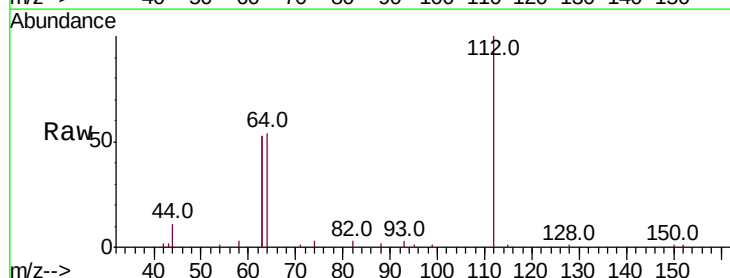
Tgt Ion: 112 Resp: 7960

Ion Ratio Lower Upper

112 100

64 68.7 60.1 90.1

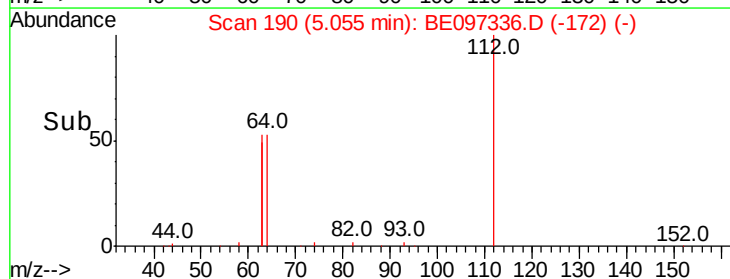
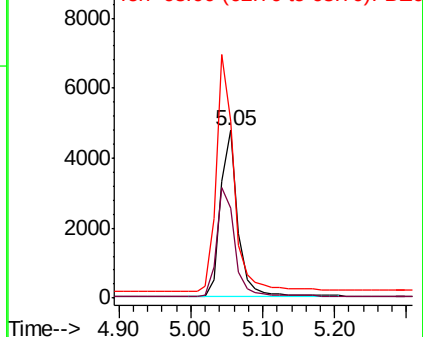
63 142.7 116.8 175.2

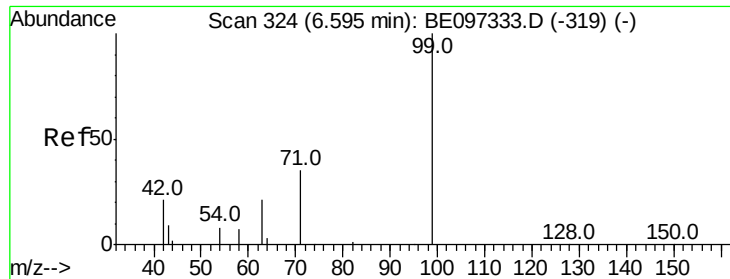


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.737 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampled :

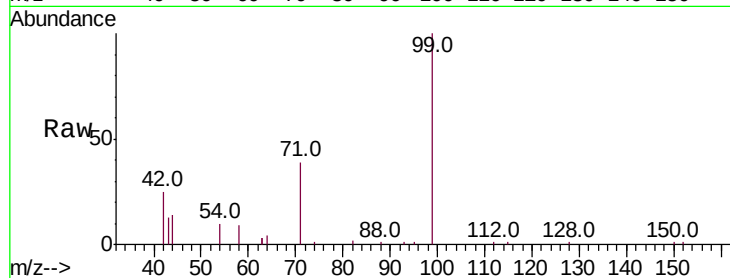
Tot Ion: 99 Resp: 12819

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

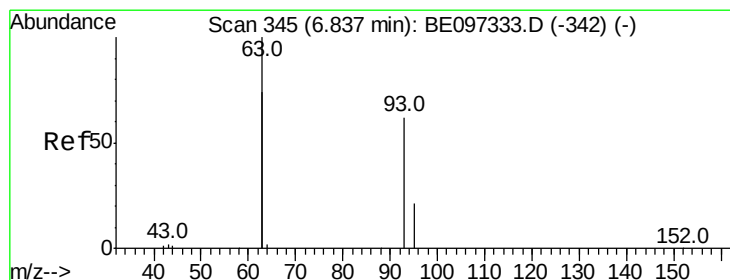
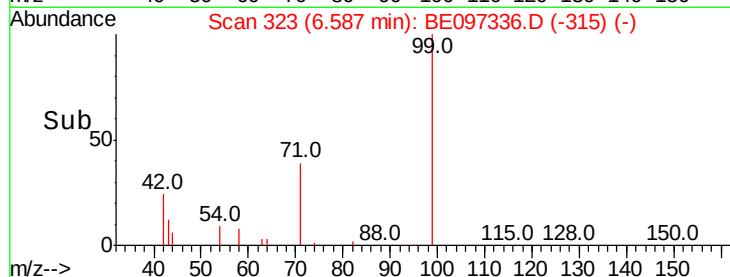
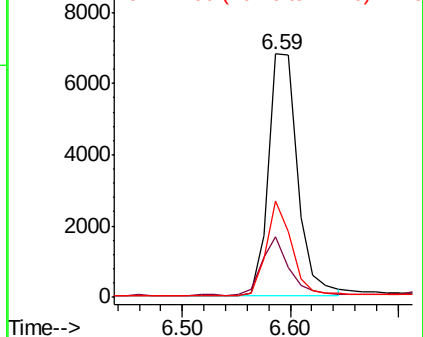
71 33.9 28.4 42.6



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: 3.010 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

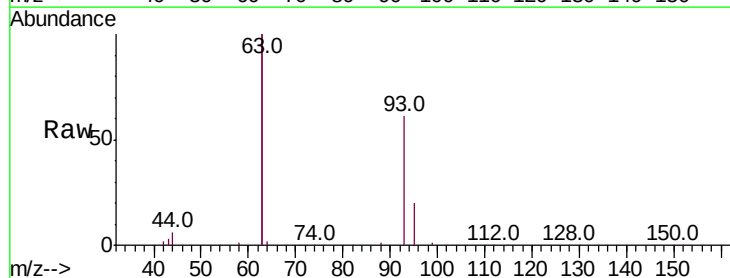
Tgt Ion: 93 Resp: 11226

Ion Ratio Lower Upper

93 100

63 346.4 275.3 412.9

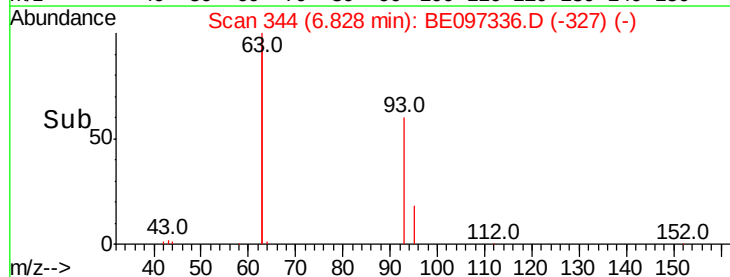
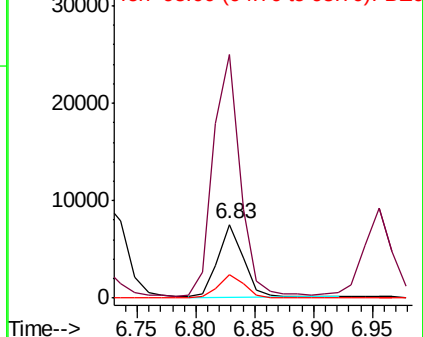
95 32.4 25.2 37.8

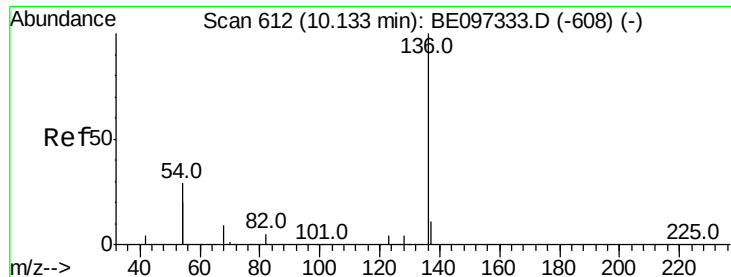


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097336.D

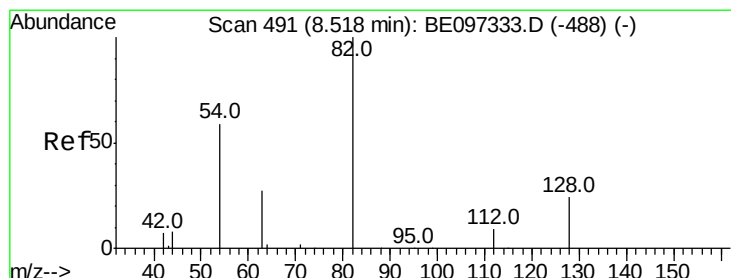
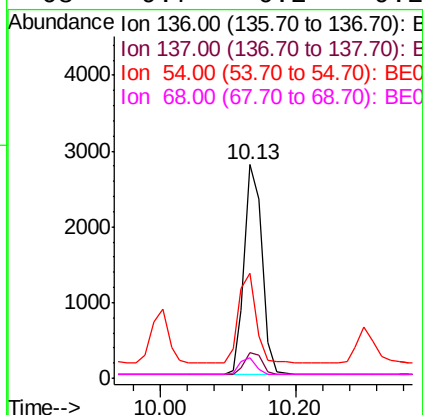
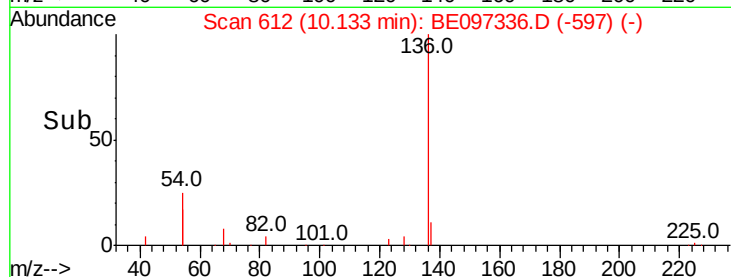
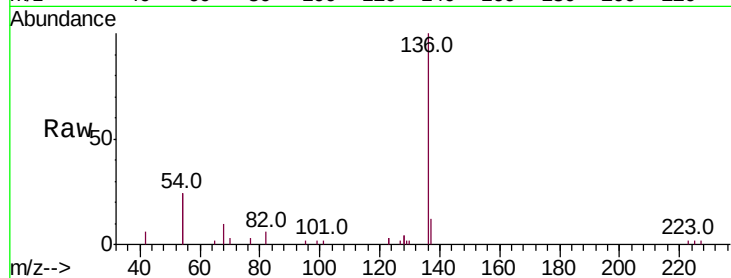
Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	5111
Ion Ratio	Lower	Upper
136	100	
137	12.1	9.5 14.3
54	49.0	29.1 43.7#
68	9.7	6.2 9.2#



#8

Nitrobenzene-d5

Concen: 2.087 ng

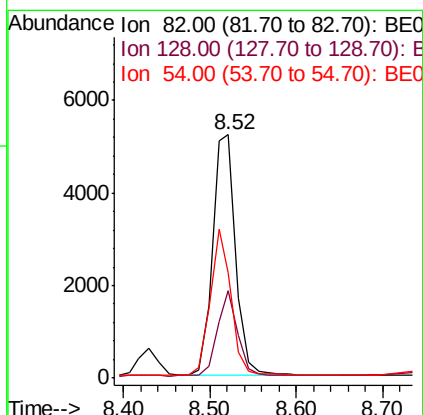
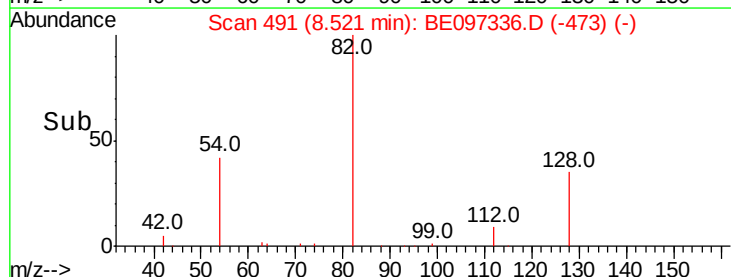
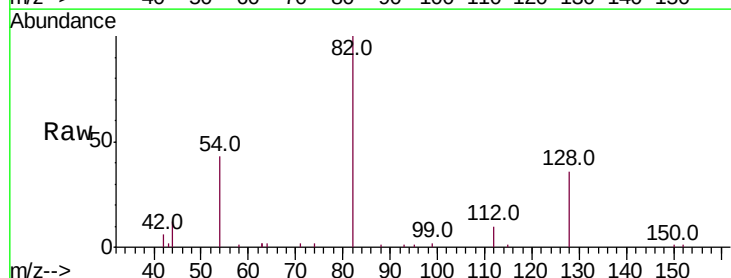
RT: 8.52 min Scan# 491

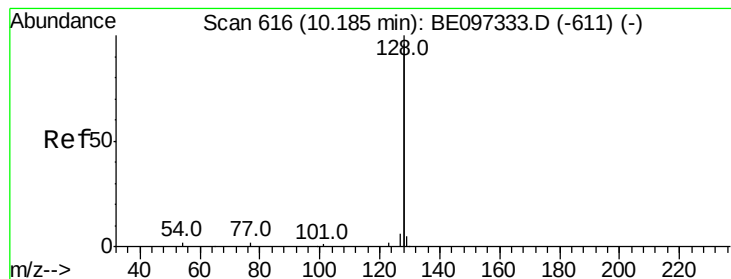
Delta R.T. 0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Tgt Ion: 82	Resp:	9768
Ion Ratio	Lower	Upper
82	100	
128	35.7	24.0 36.0
54	43.0	40.0 60.0





#9

Naphthalene

Concen: 3.150 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

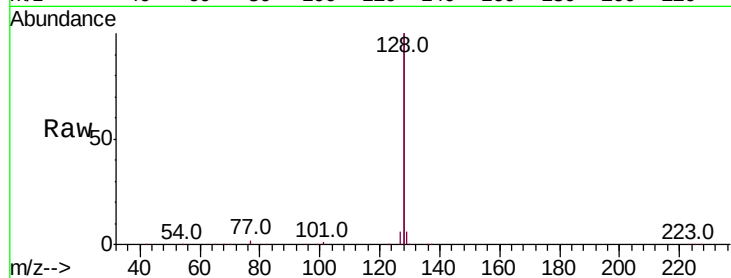
Tot Ion:128 Resp: 150503

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

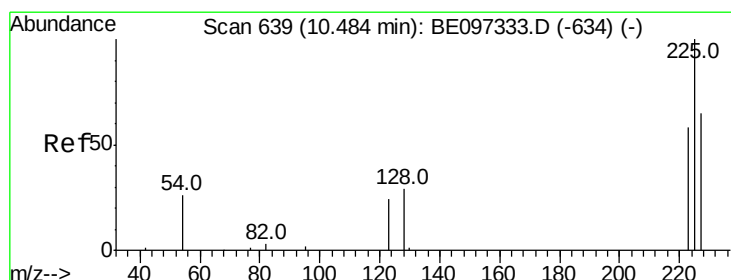
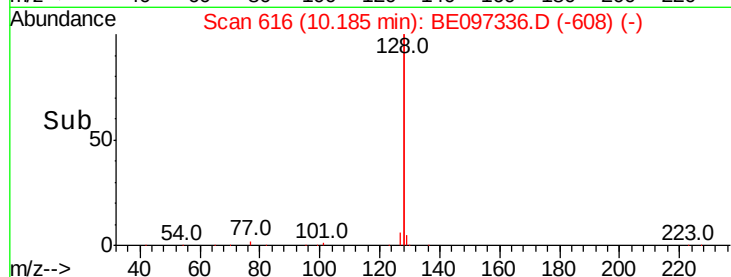
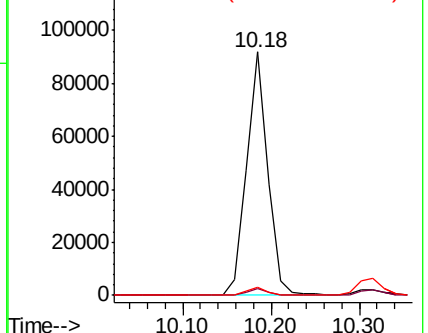
127 3.2 2.8 4.2



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: 2.915 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

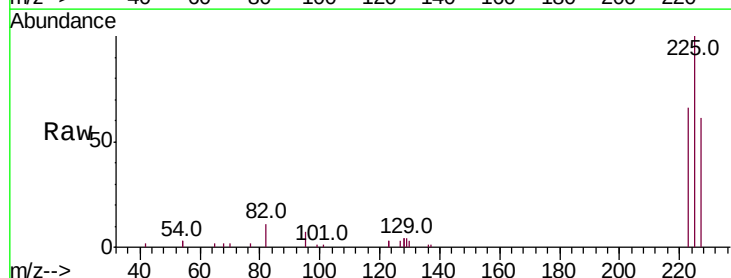
Tgt Ion:225 Resp: 6291

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

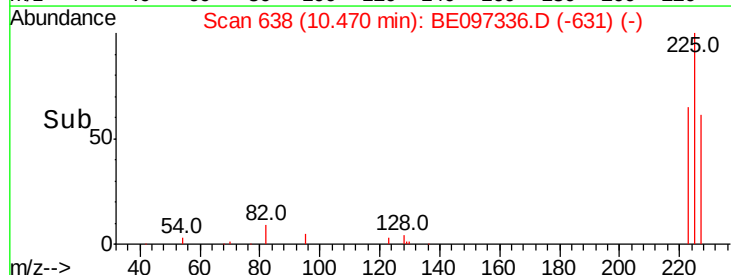
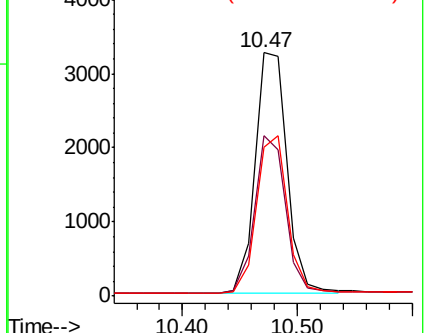
227 63.5 51.4 77.2

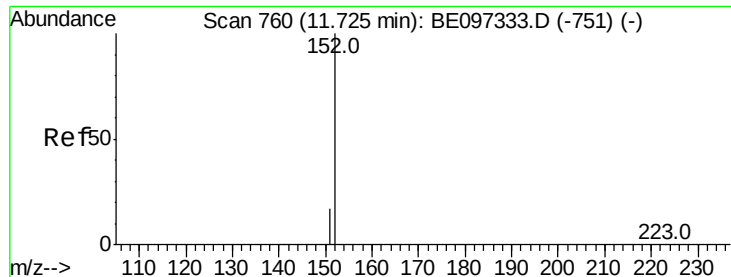


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

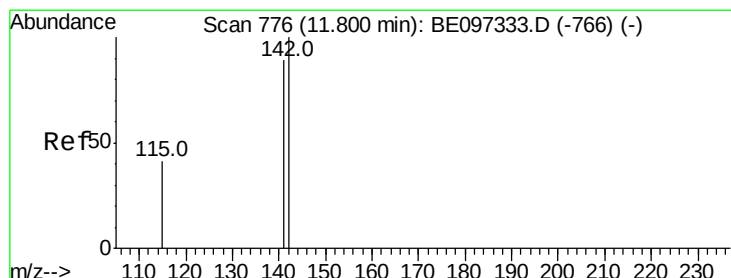
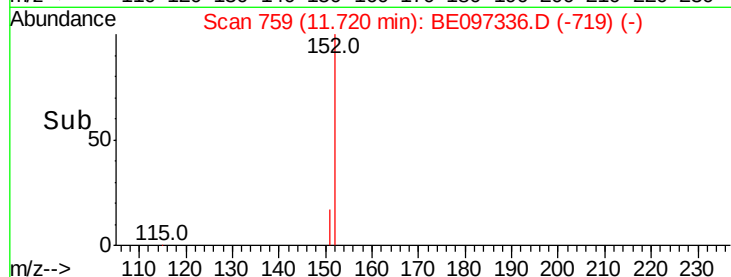
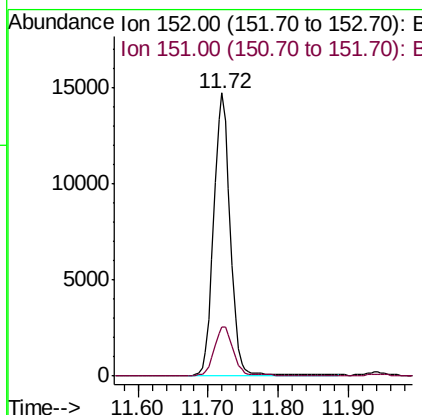
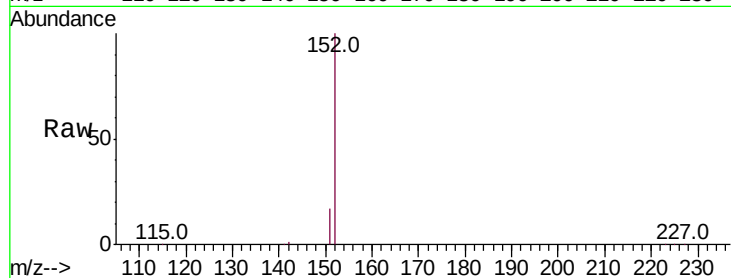




#11
 2-Methylnaphthalene-d10
 Concen: 3.201 ng
 RT: 11.72 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BE097336.D
 Acq: 20 Aug 2018 17:20

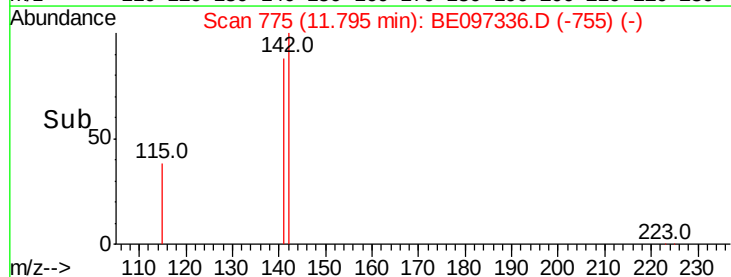
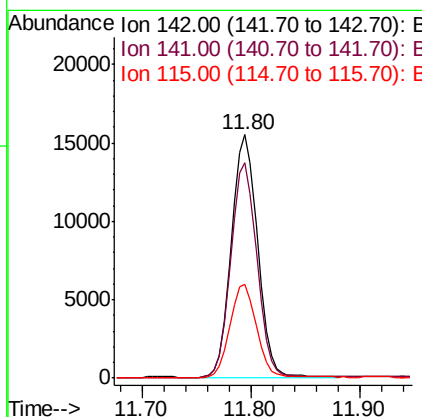
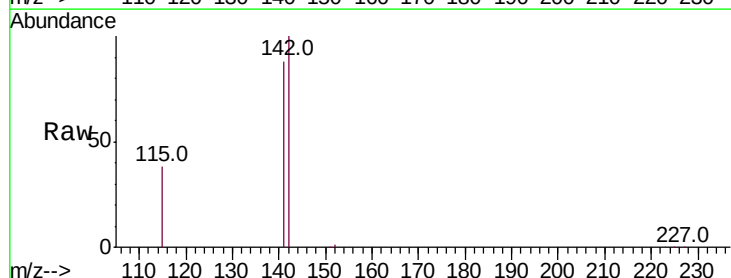
Instrument :
 BNA_E
 ClientSampleId :

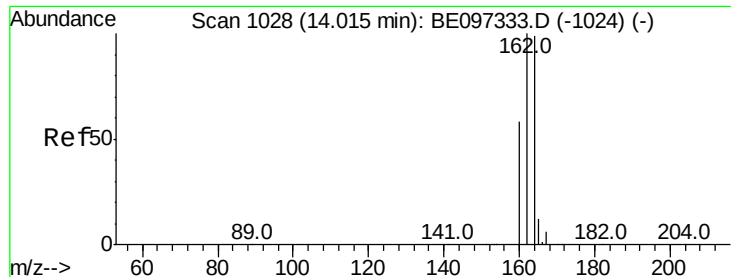
Tot Ion:152 Resp: 23777
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 3.220 ng
 RT: 11.80 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BE097336.D
 Acq: 20 Aug 2018 17:20

Tgt Ion:142 Resp: 25189
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.4 105.6
 115 38.5 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

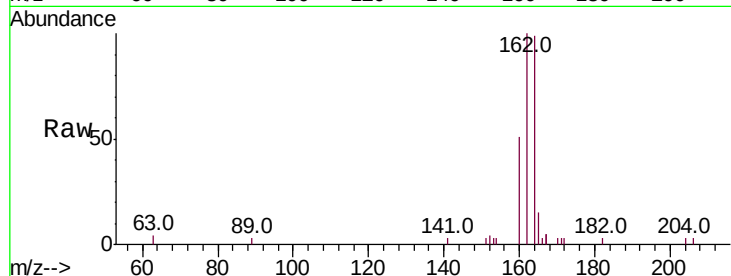
Tot Ion:164 Resp: 2876

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

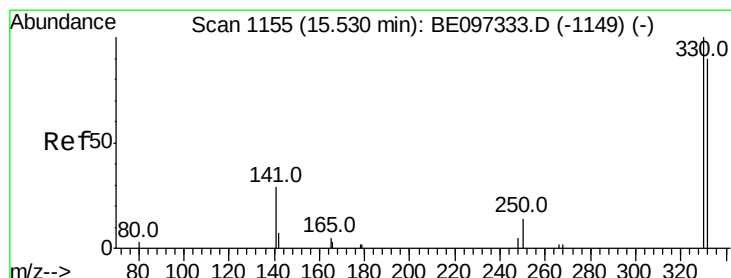
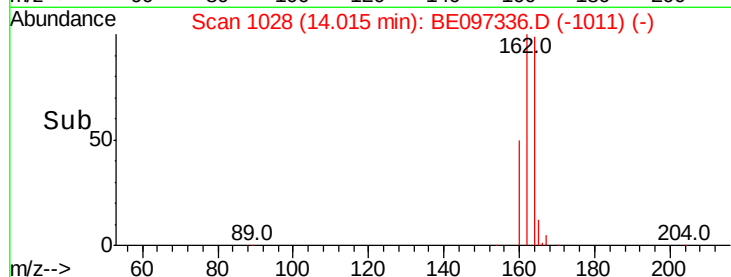
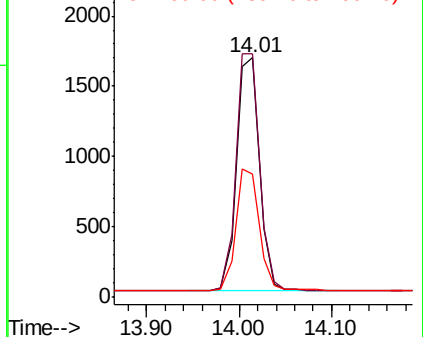
160 51.5 37.1 55.7



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: 3.031 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

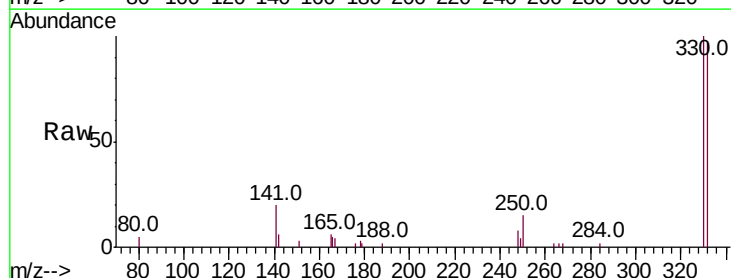
Tgt Ion:330 Resp: 2916

Ion Ratio Lower Upper

330 100

332 96.3 152.7 229.1#

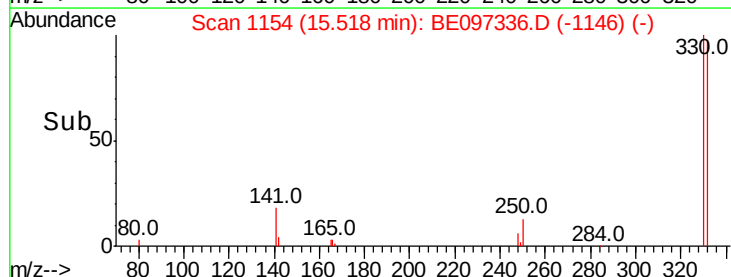
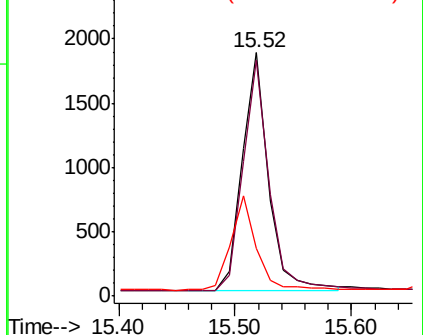
141 38.3 33.7 50.5

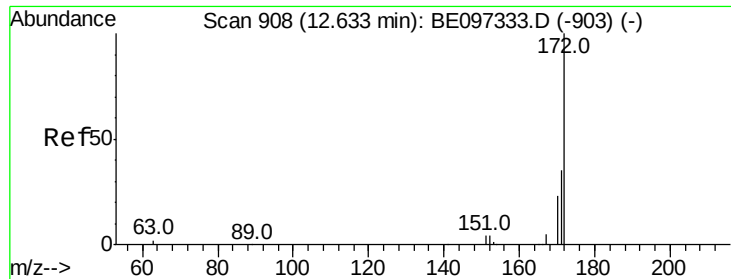


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

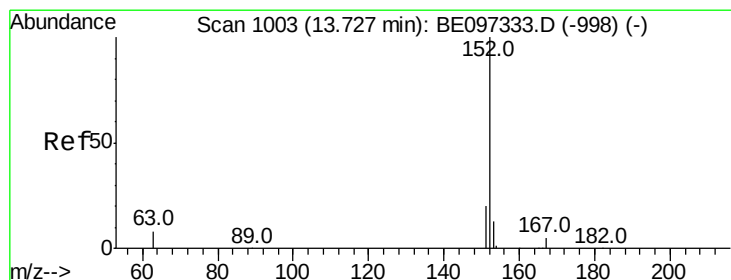
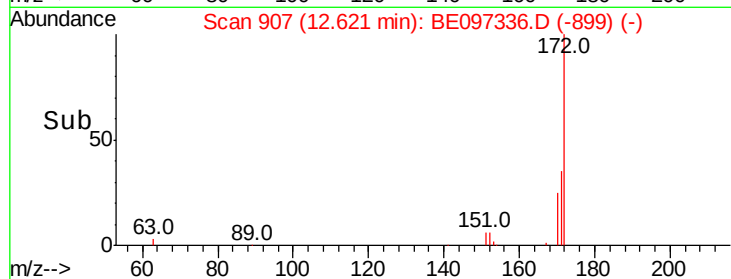
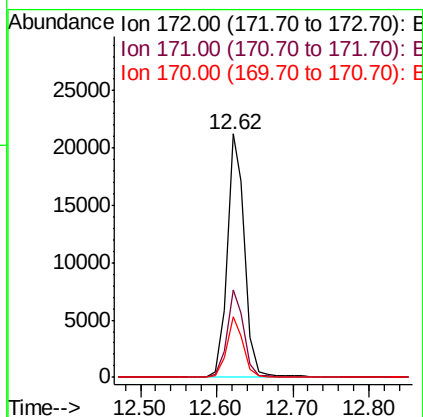
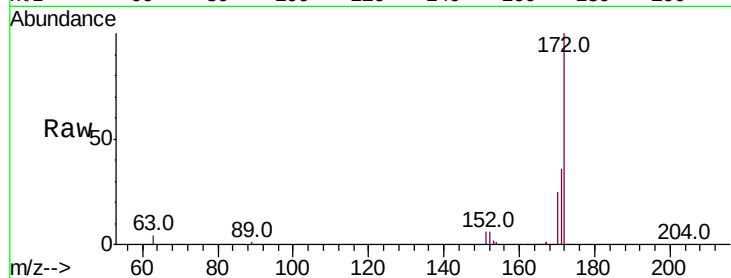




#15
 2-Fluorobiphenyl
 Concen: 3.131 ng
 RT: 12.62 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BE097336.D
 Acq: 20 Aug 2018 17:20

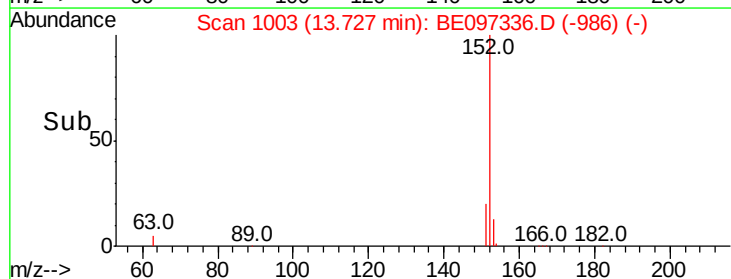
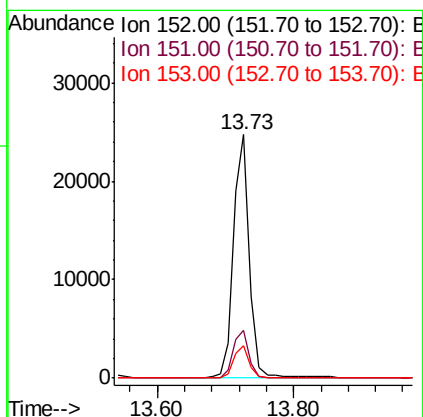
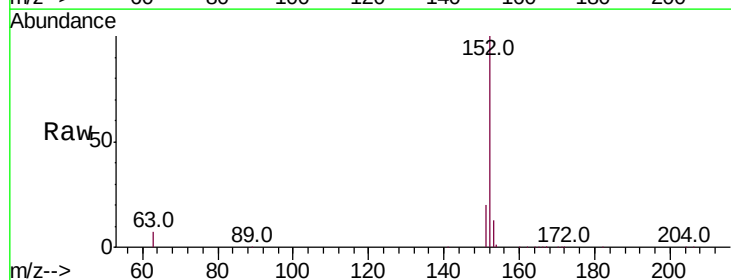
Instrument :
 BNA_E
 ClientSampleId :

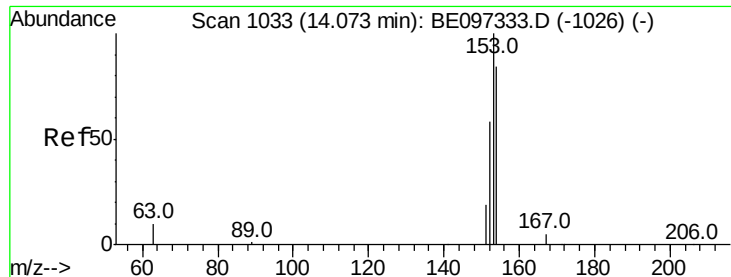
Tot Ion:172 Resp: 33836
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.9 44.9
 170 24.9 21.8 32.8



#16
 Acenaphthylene
 Concen: 3.016 ng
 RT: 13.73 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BE097336.D
 Acq: 20 Aug 2018 17:20

Tgt Ion:152 Resp: 40044
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.291 ng

RT: 14.07 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampled :

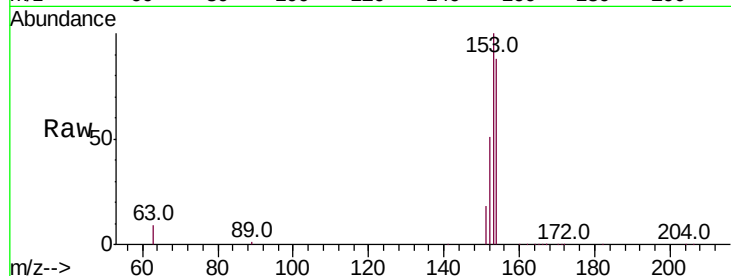
Tot Ion:154 Resp: 25113

Ion Ratio Lower Upper

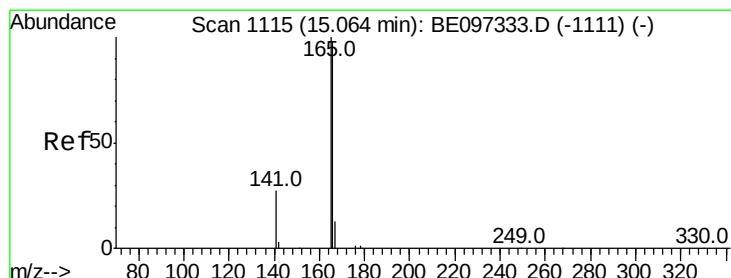
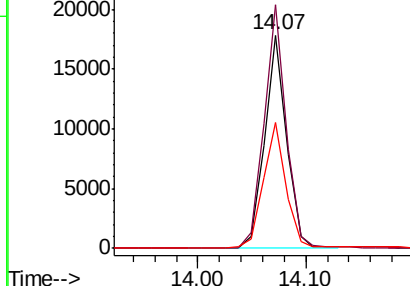
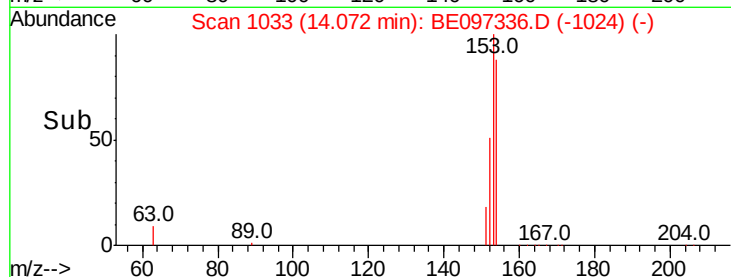
154 100

153 114.3 89.2 133.8

152 60.1 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: 3.293 ng

RT: 15.06 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

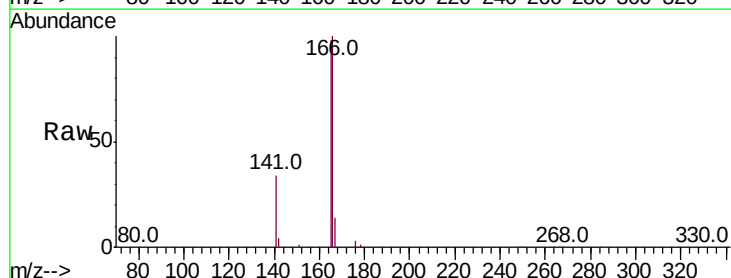
Tgt Ion:166 Resp: 31189

Ion Ratio Lower Upper

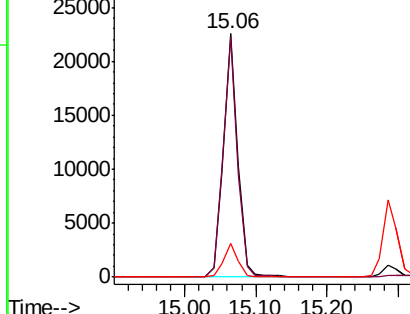
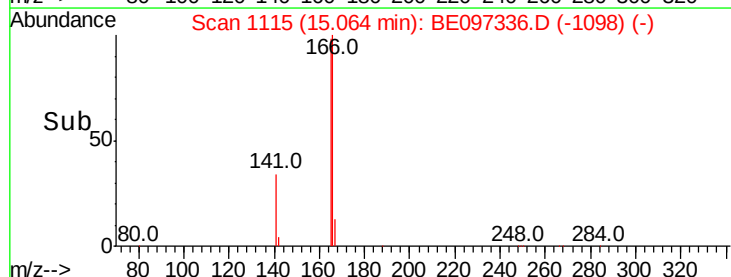
166 100

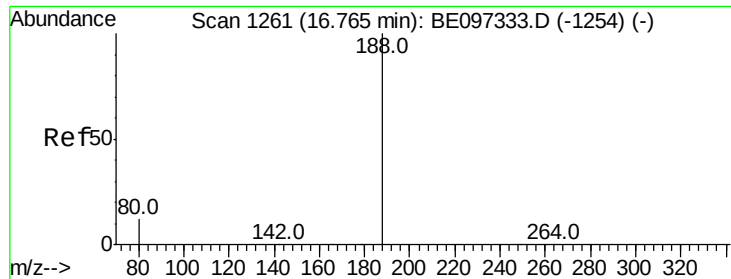
165 98.0 77.8 116.6

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

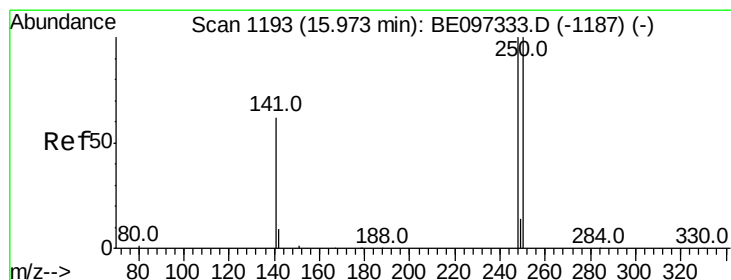
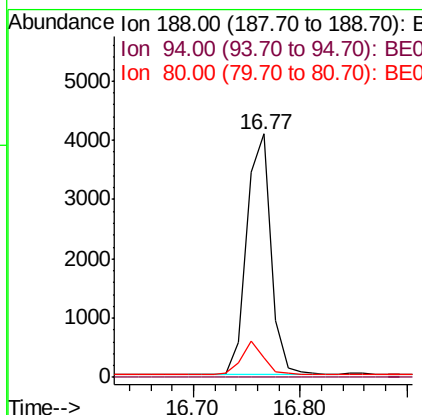
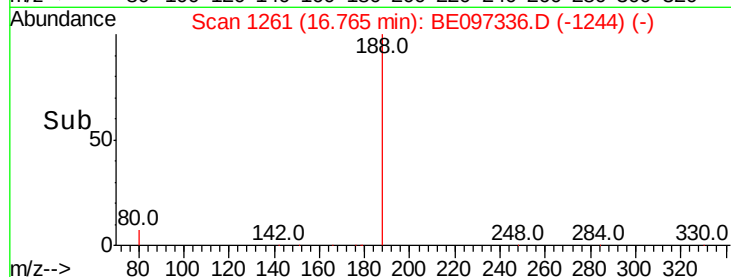
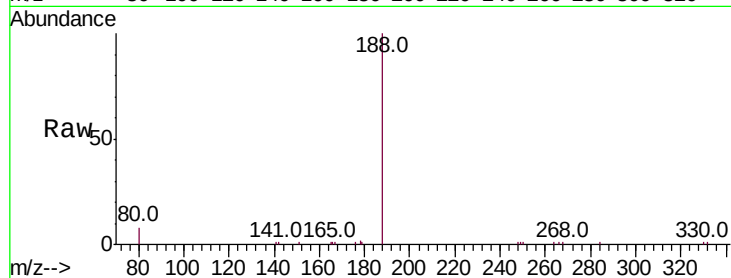




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

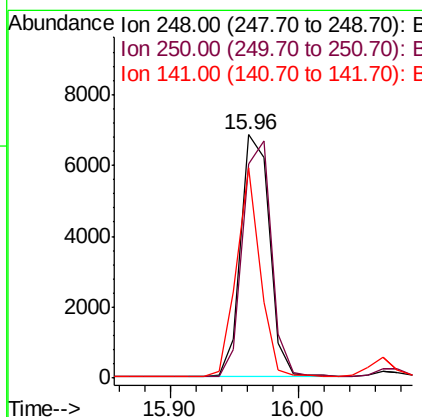
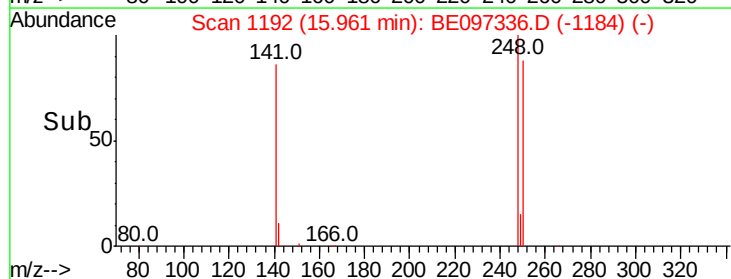
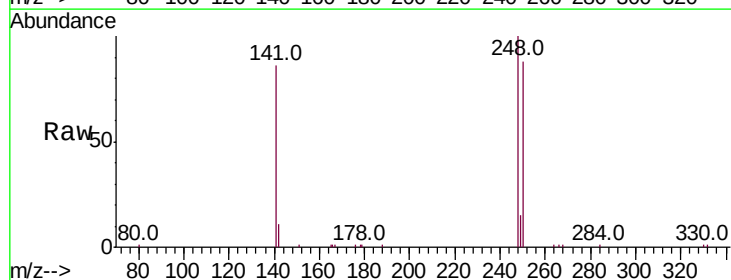
Instrument :
BNA_E
ClientSampled :

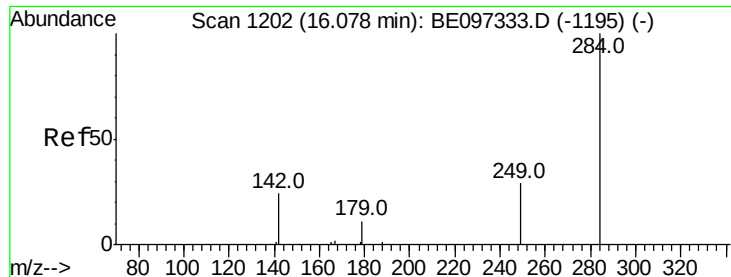
Tot Ion:188 Resp: 6408
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.9 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 3.177 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion:248 Resp: 10639
Ion Ratio Lower Upper
248 100
250 87.7 62.7 94.1
141 86.3 48.2 72.2#

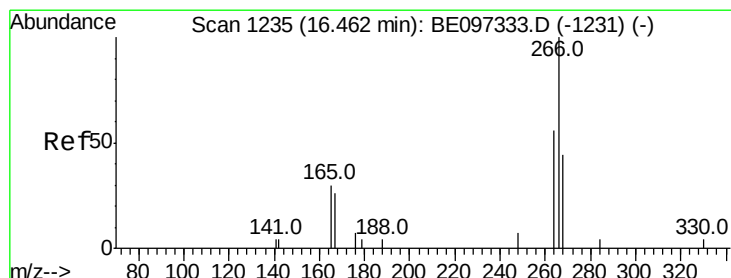
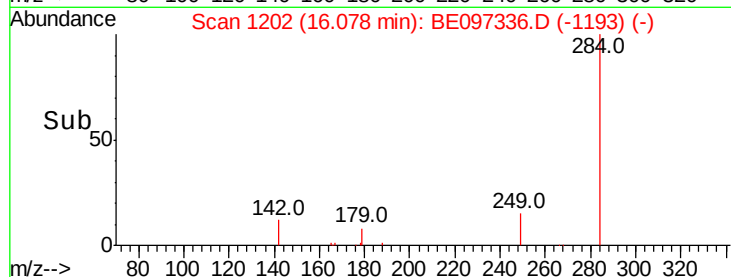
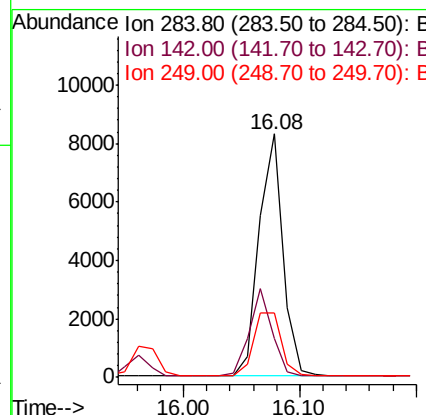
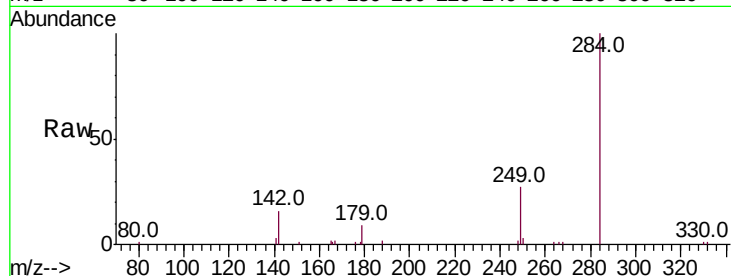




#21
Hexachlorobenzene
Concen: 3.152 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

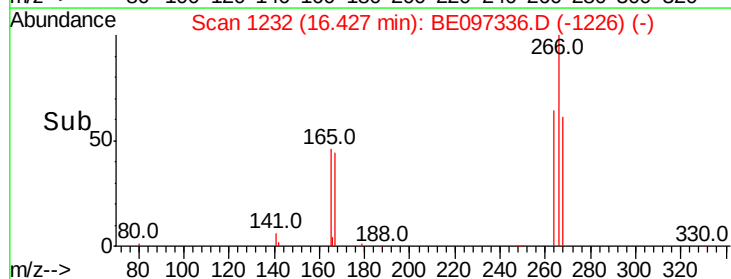
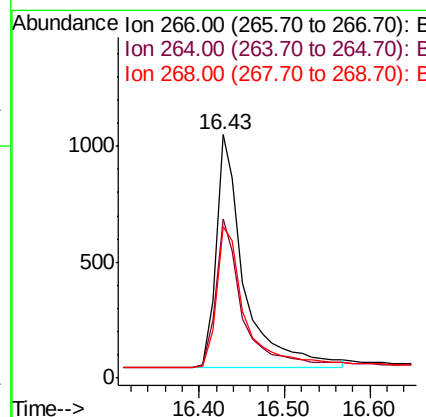
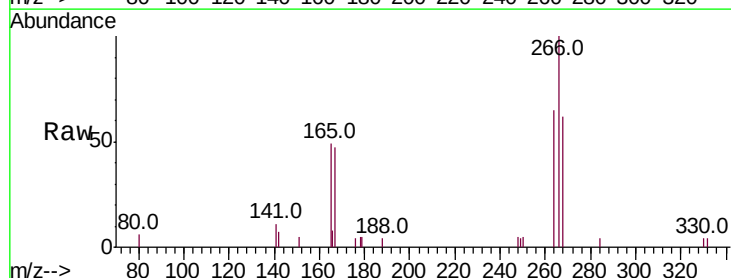
Instrument :
BNA_E
ClientSampled :

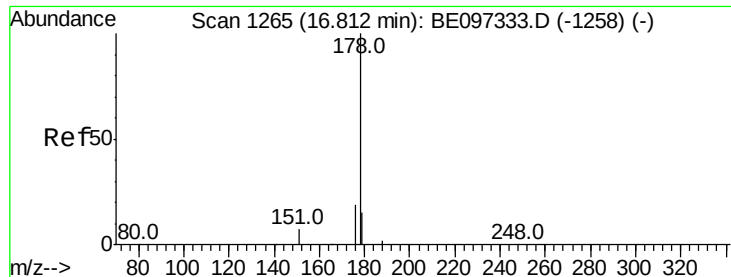
Tot Ion:284 Resp: 11972
Ion Ratio Lower Upper
284 100
142 34.0 22.1 33.1#
249 30.5 34.8 52.2#



#22
Pentachlorophenol
Concen: 2.756 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion:266 Resp: 2328
Ion Ratio Lower Upper
266 100
264 65.5 72.5 108.7#
268 62.4 73.8 110.6#

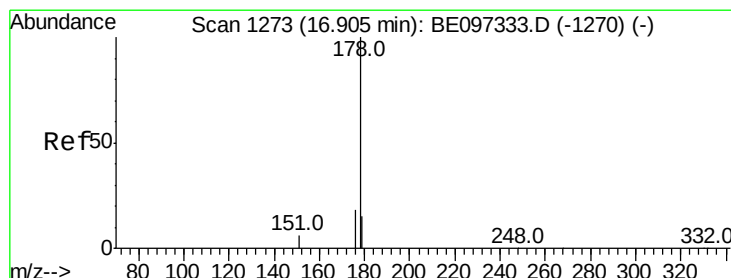
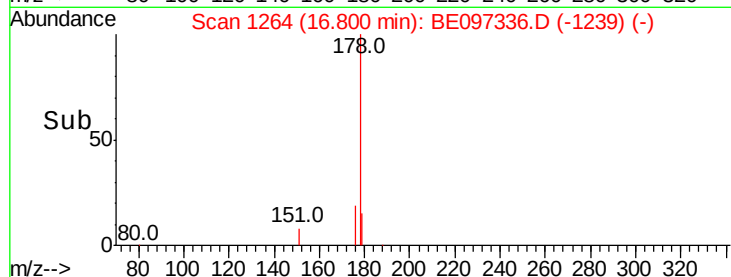
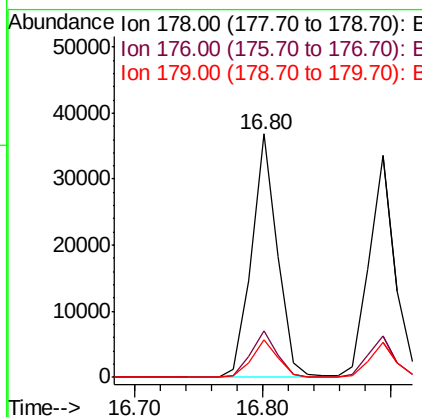
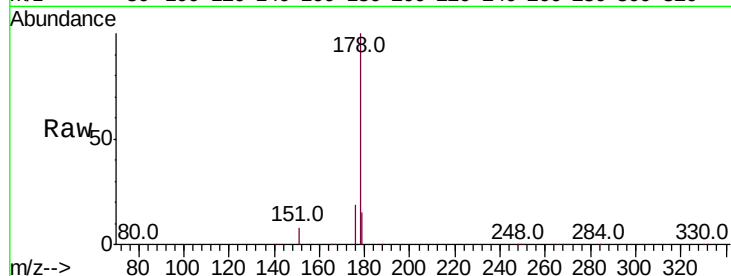




#23
Phenanthrene
Concen: 3.330 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

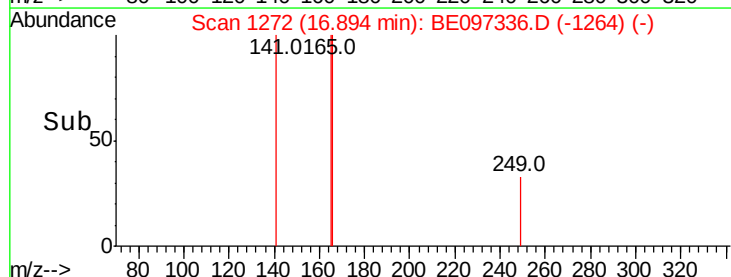
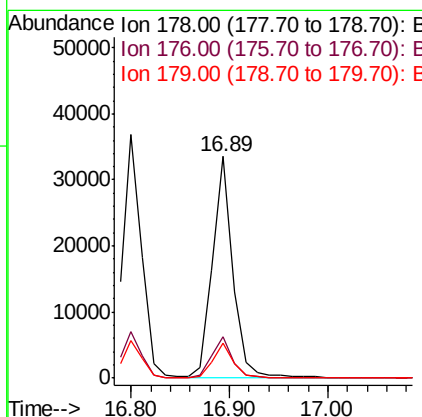
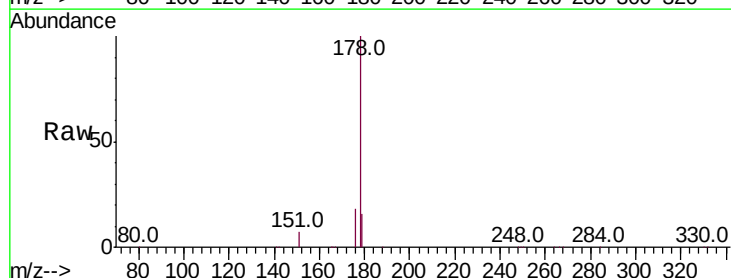
Instrument :
BNA_E
ClientSampleId :

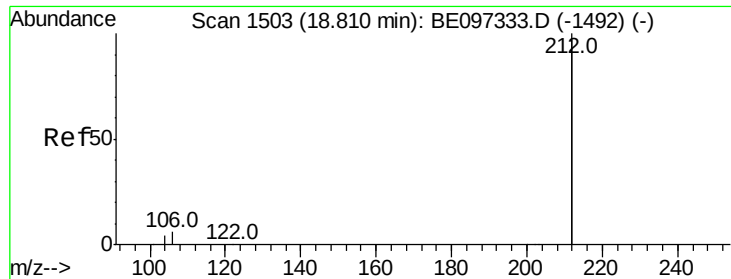
Tot Ion:178 Resp: 51495
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.2 11.8 17.6



#24
Anthracene
Concen: 3.427 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion:178 Resp: 47491
Ion Ratio Lower Upper
178 100
176 18.5 12.8 19.2
179 15.2 13.0 19.6





#25

Fluoranthene-d10

Concen: 3.368 ng

RT: 18.80 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

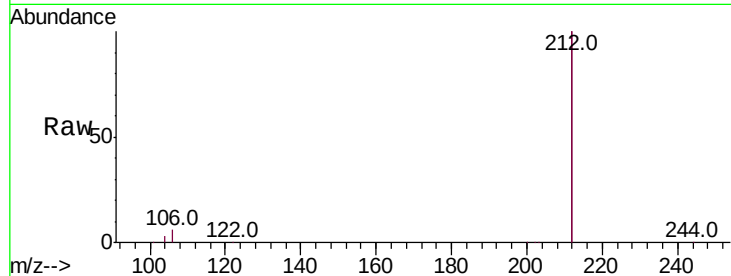
Tot Ion:212 Resp: 215698

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

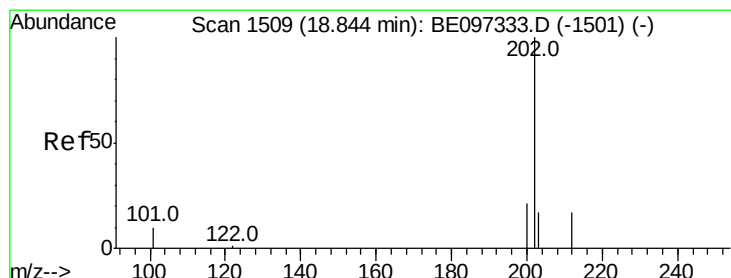
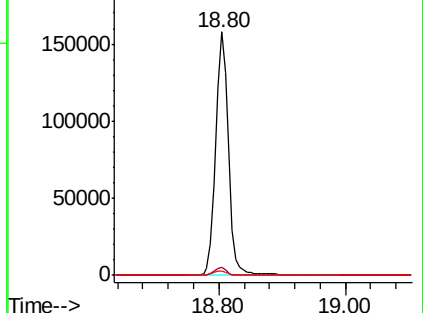
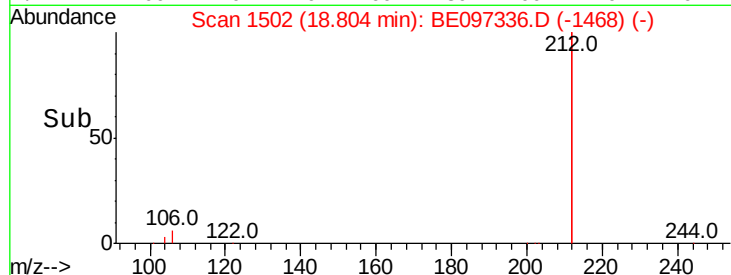
104 1.8 1.6 2.4



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: 3.520 ng

RT: 18.83 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

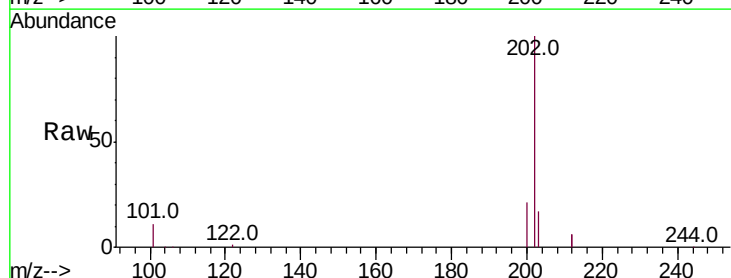
Tgt Ion:202 Resp: 60235

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

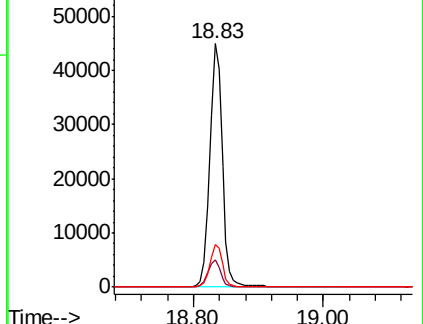
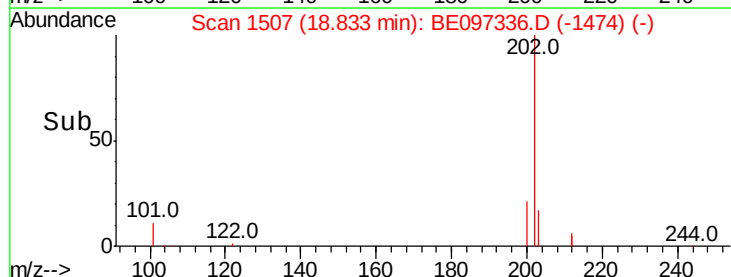
203 17.5 13.7 20.5

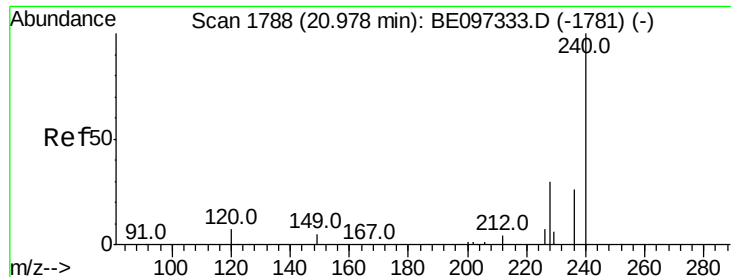


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

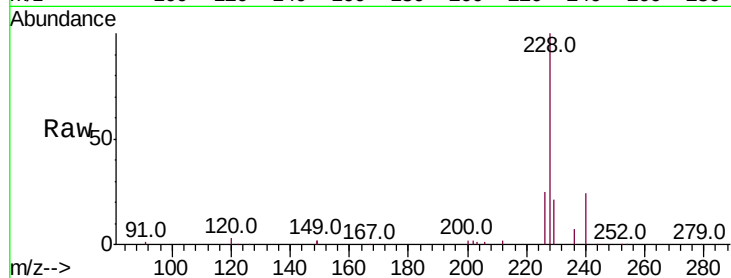
Tot Ion:240 Resp: 6755

Ion Ratio Lower Upper

240 100

120 12.1 5.5 8.3#

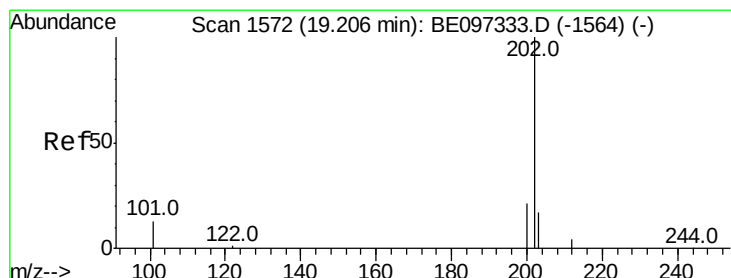
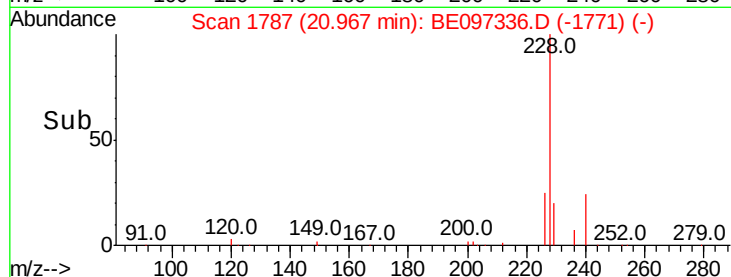
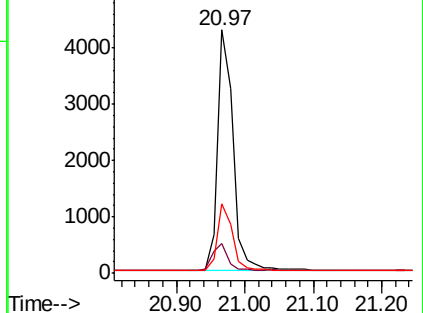
236 28.5 20.7 31.1



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: 3.214 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

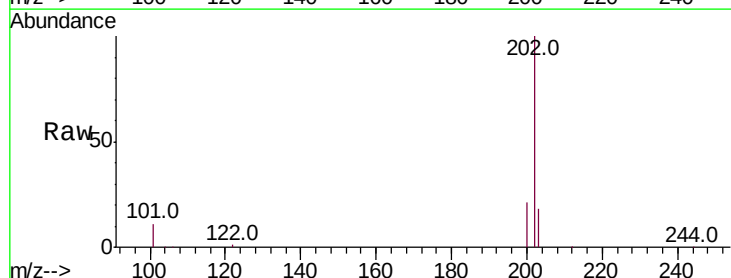
Tgt Ion:202 Resp: 58532

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

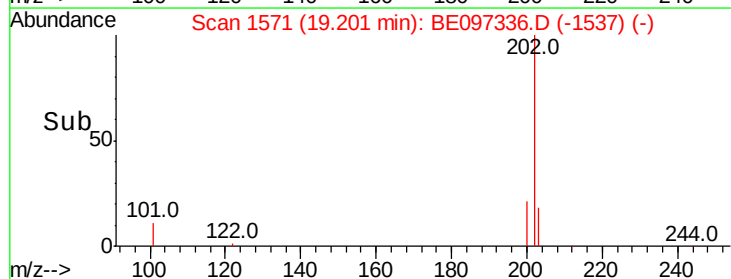
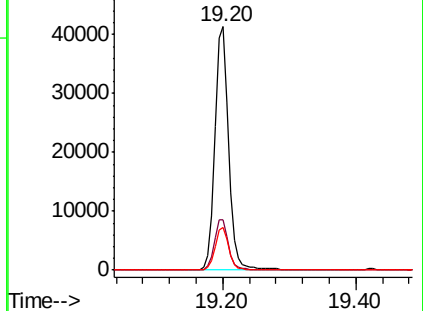
203 17.4 13.8 20.8

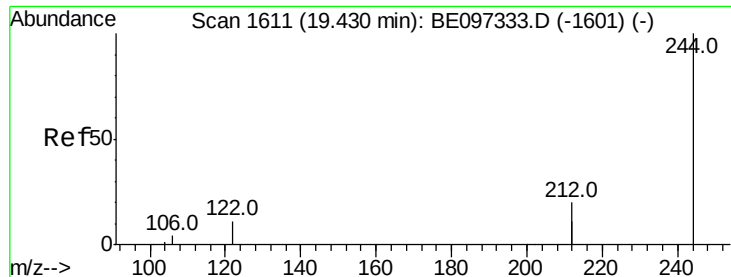


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.377 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampled :

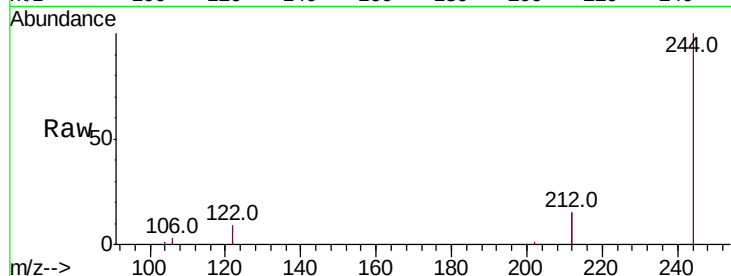
Tot Ion:244 Resp: 42874

Ion Ratio Lower Upper

244 100

212 29.8 25.4 38.0

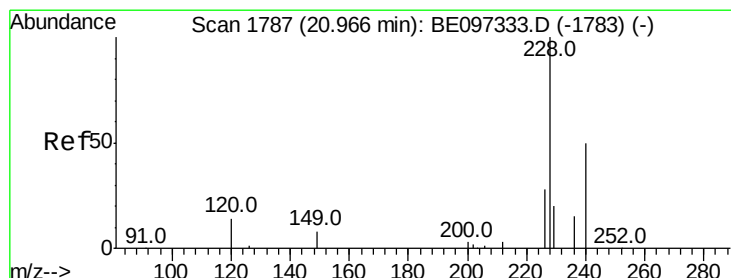
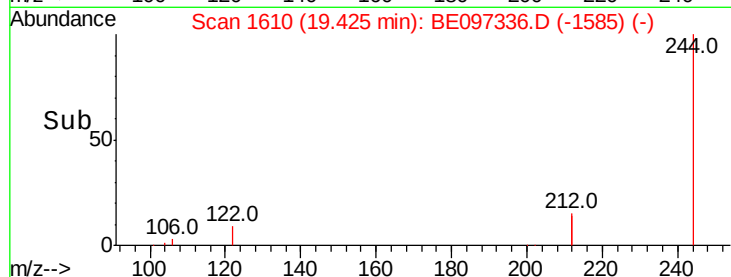
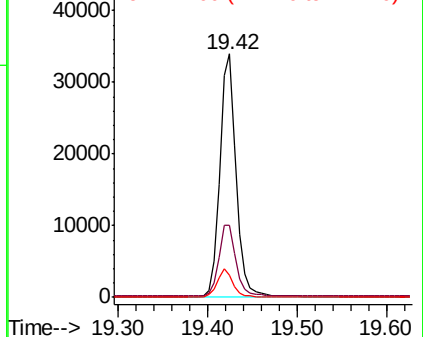
122 9.4 8.1 12.1



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: 3.134 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

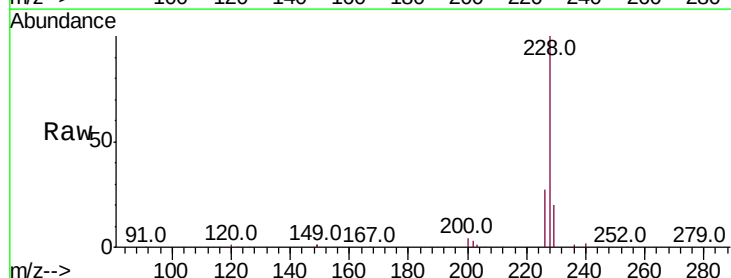
Tgt Ion:228 Resp: 53241

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

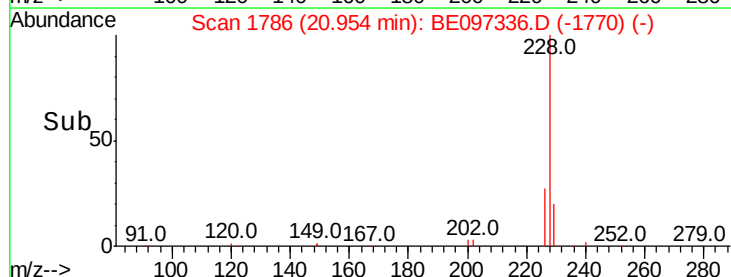
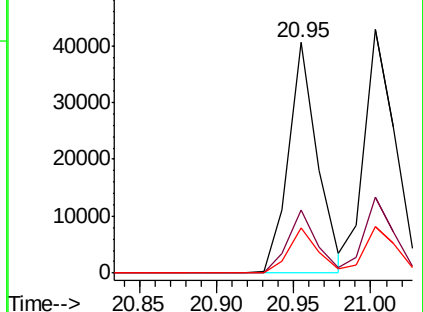
229 19.6 16.0 24.0

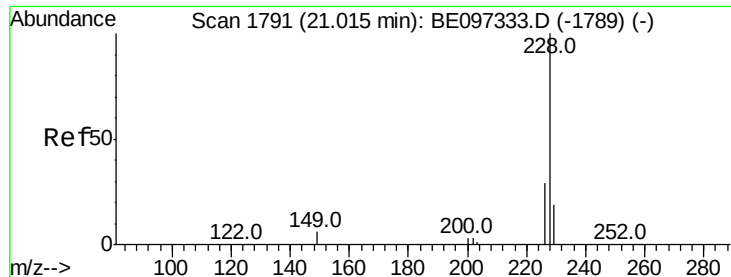


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.443 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

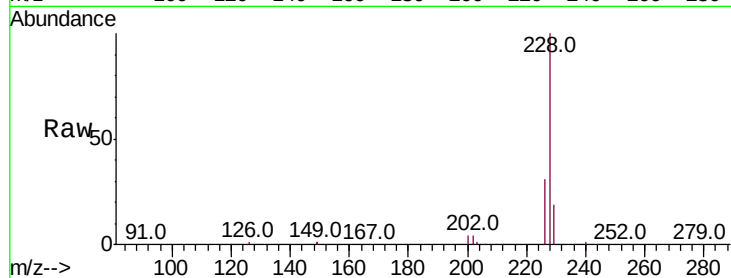
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 59855

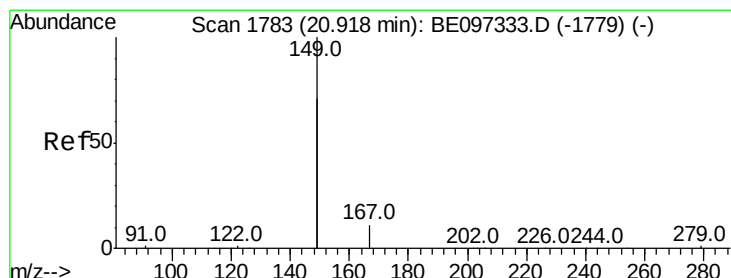
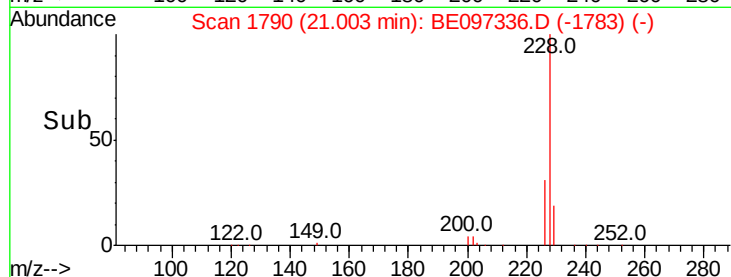
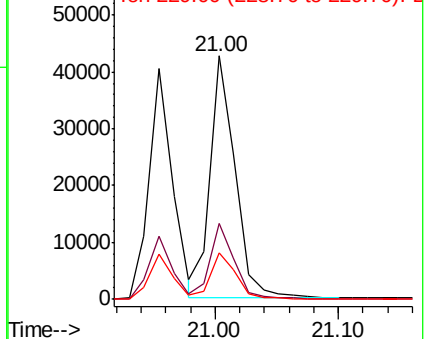
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	19.2	16.0	24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.436 ng

RT: 20.92 min Scan# 1783

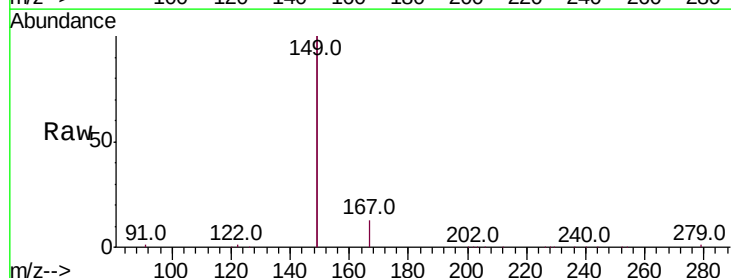
Delta R.T. 0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Tgt Ion:149 Resp: 31558

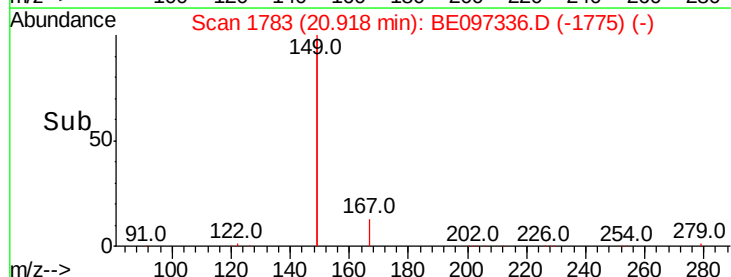
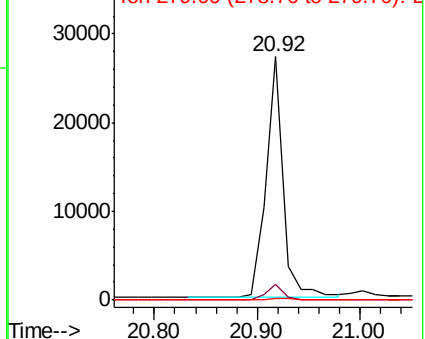
Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1

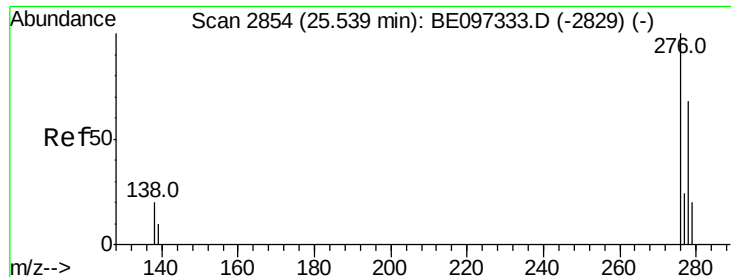


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.129 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.02 min

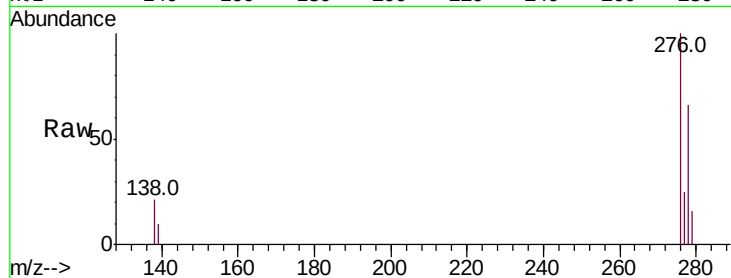
Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :



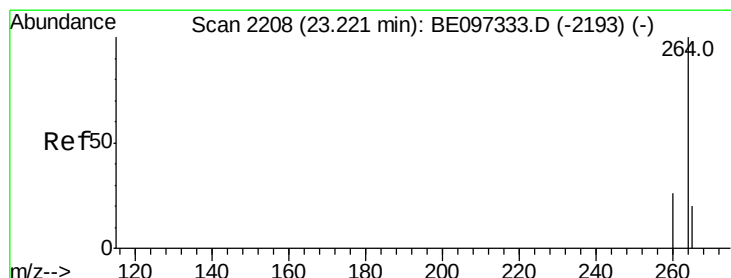
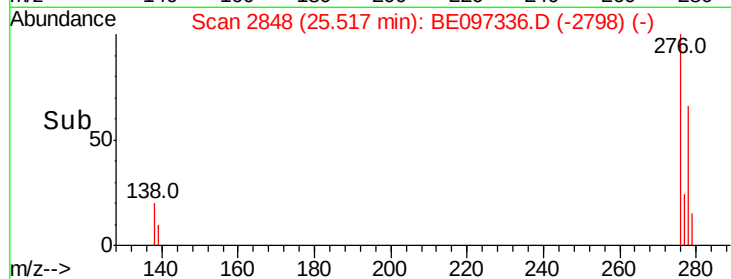
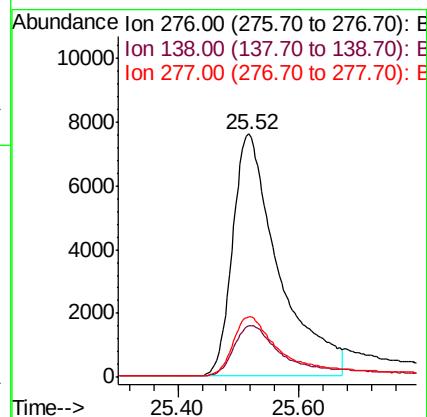
Tot Ion:276 Resp: 39893

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

277 26.0 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: BE097336.D

Acq: 20 Aug 2018 17:20

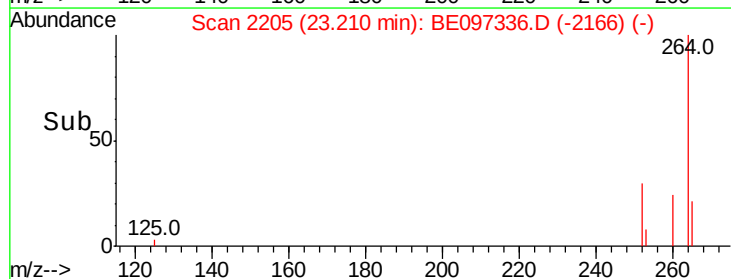
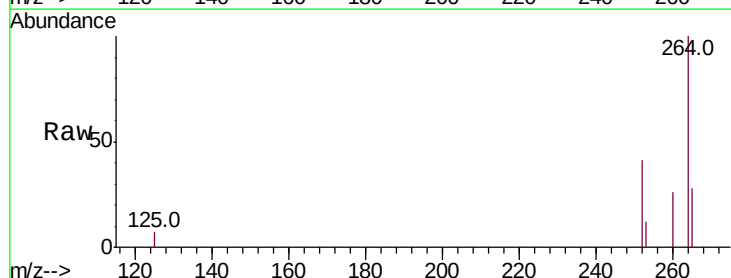
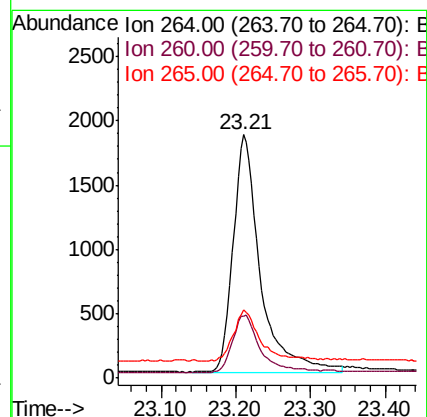
Tgt Ion:264 Resp: 4671

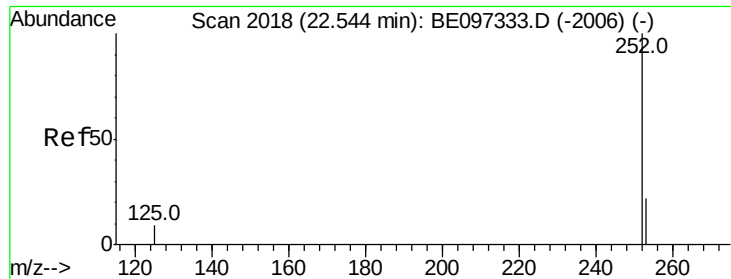
Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 27.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 3.794 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

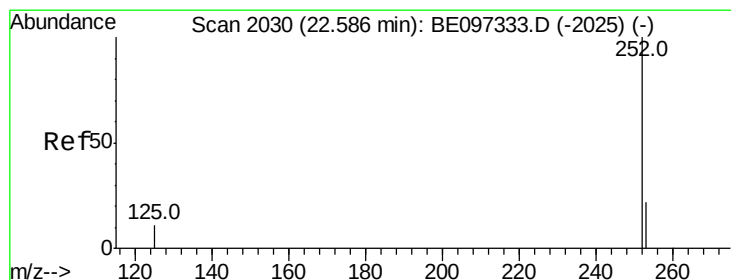
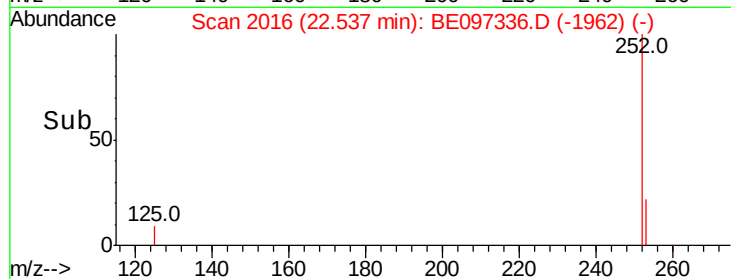
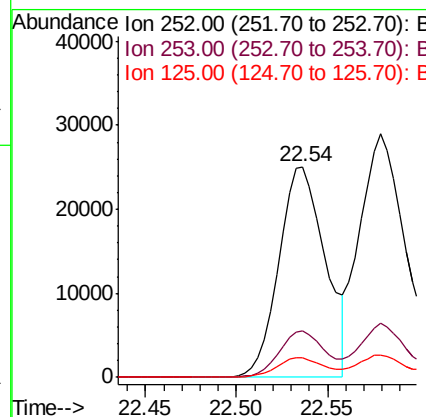
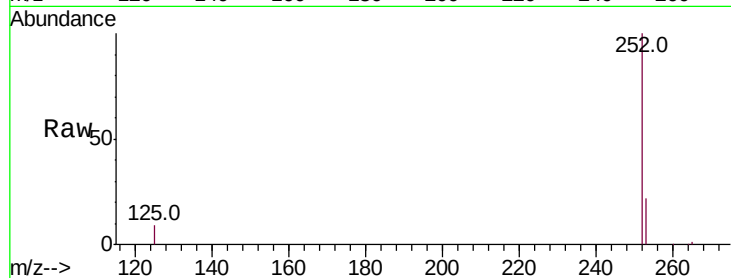
Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 44067

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.0	30.0
125	9.2	16.0	24.0#



#36

Benzo(k)fluoranthene

Concen: 4.115 ng

RT: 22.58 min Scan# 2028

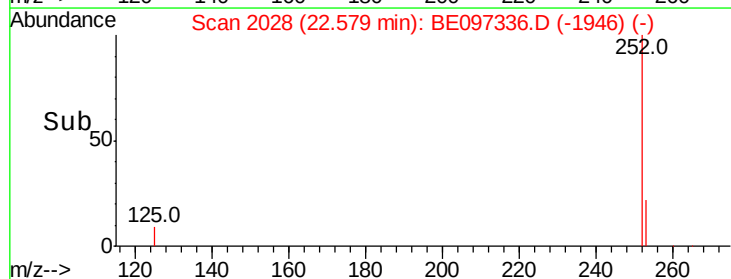
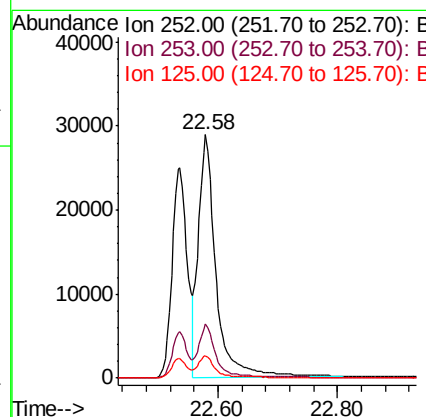
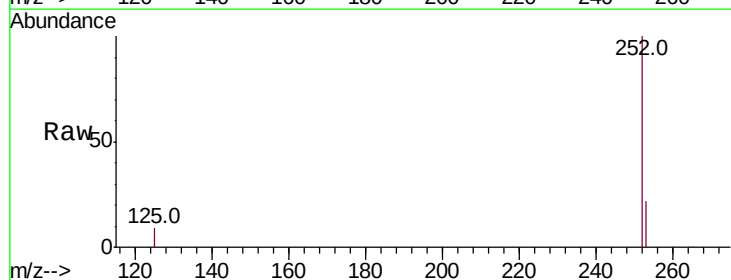
Delta R.T. -0.01 min

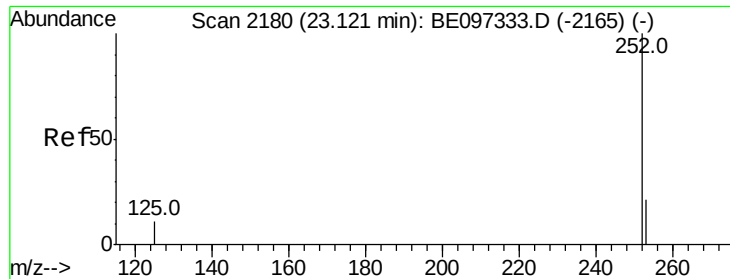
Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Tgt Ion:252 Resp: 58131

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	9.3	8.0	12.0





#37

Benzo(a)pyrene

Concen: 3.569 ng

RT: 23.11 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

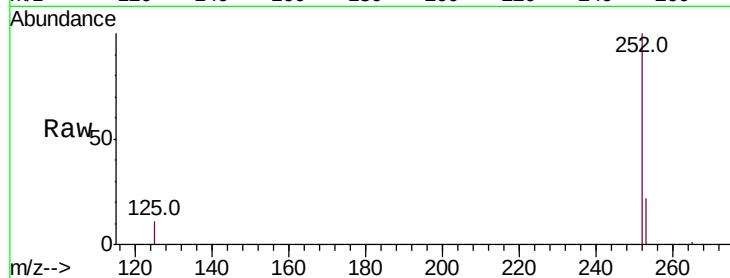
Tot Ion:252 Resp: 41628

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

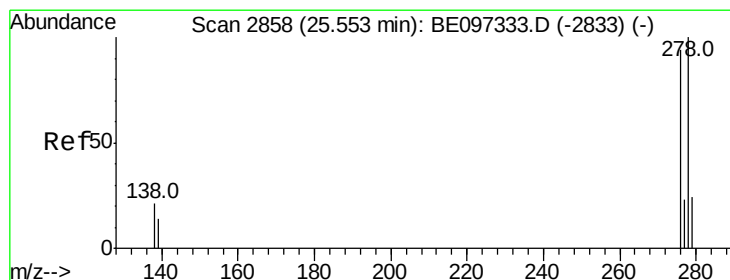
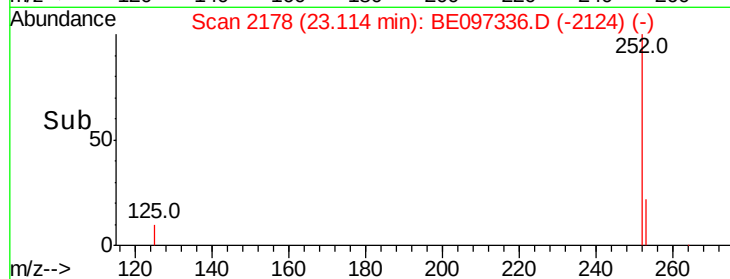
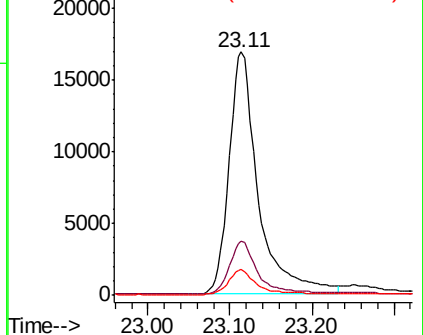
125 10.5 12.0 18.0#



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: 3.071 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

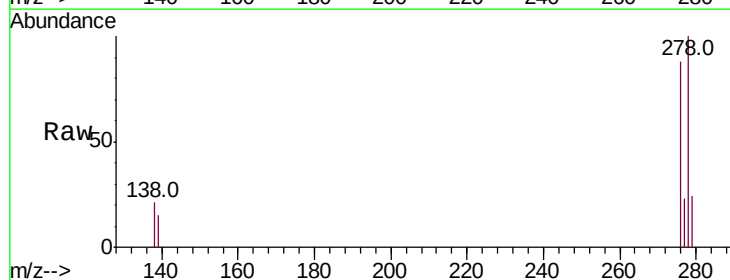
Tgt Ion:278 Resp: 35362

Ion Ratio Lower Upper

278 100

139 14.7 16.0 24.0#

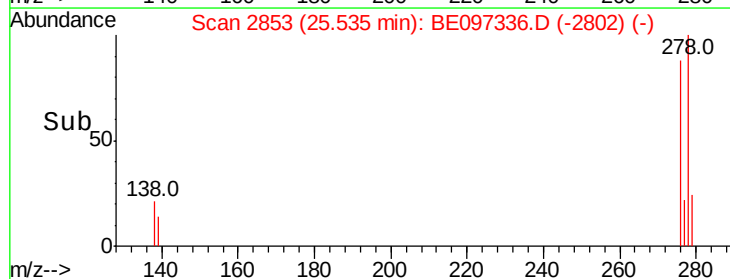
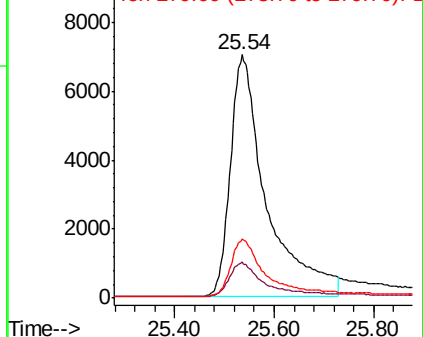
279 24.2 20.0 30.0

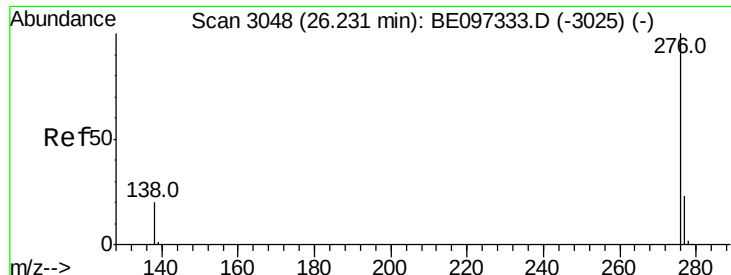


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 2.907 ng

RT: 26.21 min Scan# 3042

Delta R.T. -0.02 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

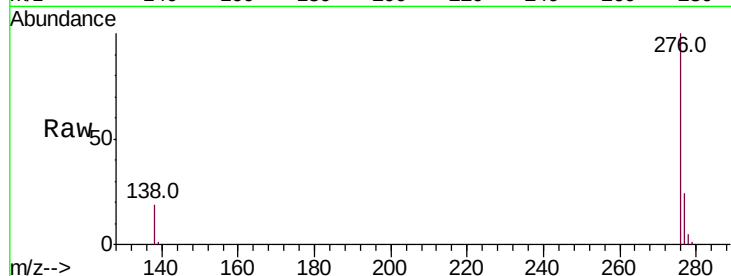
Tot Ion:276 Resp: 33773

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 19.0 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

