

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097070.D
 Acq On : 24 Jul 2018 13:26
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 24 14:13:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1157	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5625	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3616	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	9577	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8496	0.40	ng	-0.01
34) Perylene-d12	23.21	264	7601	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1245	0.38	ng	0.00
5) Phenol-d6	6.59	99	1825	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	1961	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3363	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	463	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5077	0.41	ng	0.00
25) Fluoranthene-d10	18.81	212	36395	0.38	ng	0.00
29) Terphenyl-d14	19.43	244	6683	0.41	ng	0.00

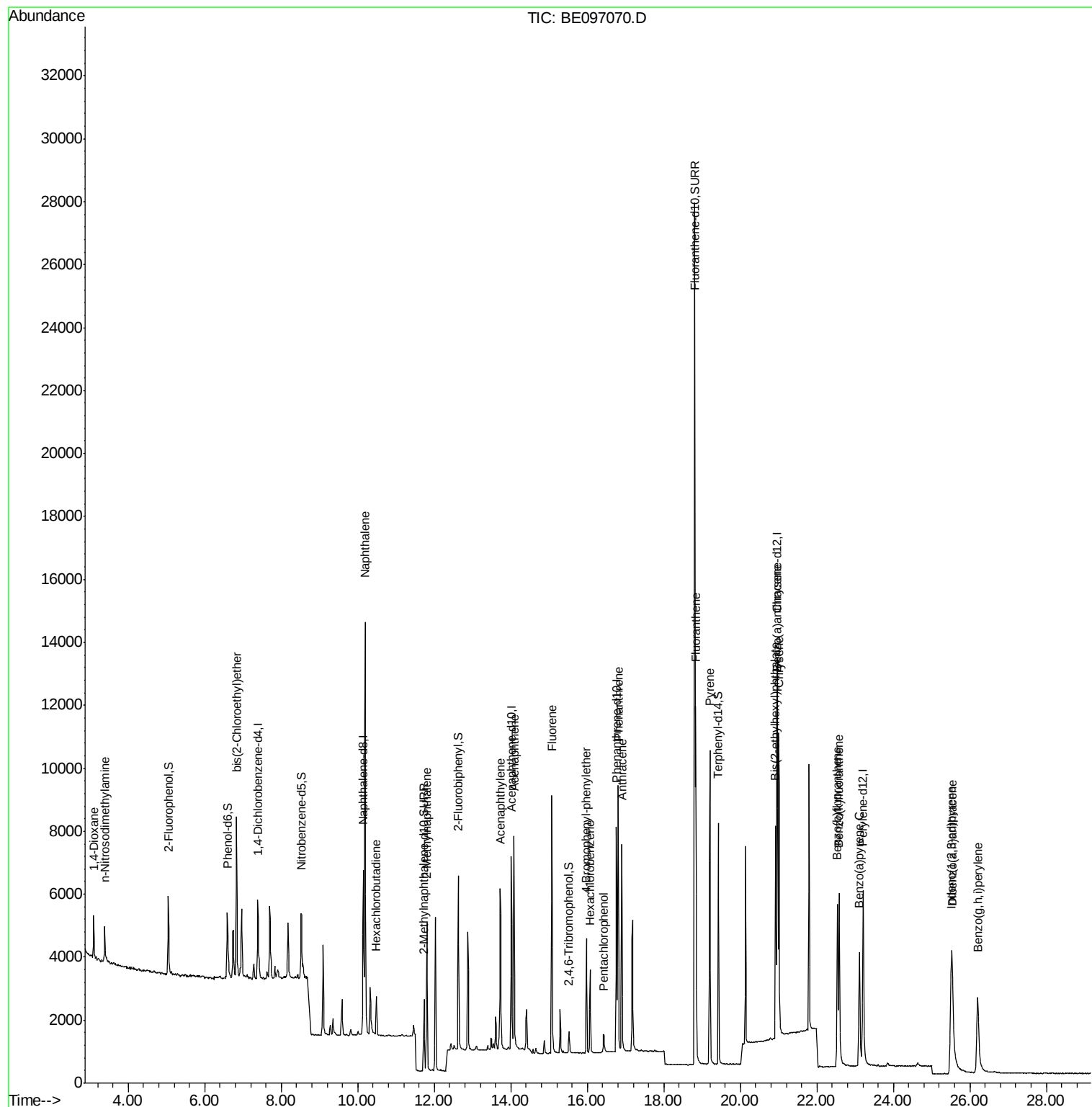
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	802	0.436	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	845	0.411	ng	# 86
6) bis(2-Chloroethyl)ether	6.84	93	1688	0.388	ng	92
9) Naphthalene	10.20	128	20605	0.408	ng	100
10) Hexachlorobutadiene	10.48	225	933	0.413	ng	95
12) 2-Methylnaphthalene	11.81	142	3502	0.404	ng	99
16) Acenaphthylene	13.73	152	6475	0.399	ng	99
17) Acenaphthene	14.08	154	3732	0.396	ng	# 90
18) Fluorene	15.07	166	4866	0.390	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1875	0.403	ng	# 80
21) Hexachlorobenzene	16.08	284	2098	0.420	ng	# 84
22) Pentachlorophenol	16.44	266	415	0.364	ng	# 78
23) Phenanthrene	16.81	178	9111	0.399	ng	98
24) Anthracene	16.90	178	7869	0.385	ng	95
26) Fluoranthene	18.84	202	9883	0.386	ng	98
28) Pyrene	19.21	202	9544	0.409	ng	99
30) Benzo(a)anthracene	20.96	228	7806	0.369	ng	98
31) Chrysene	21.00	228	9406	0.415	ng	97
32) Bis(2-ethylhexyl)phthalate	20.92	149	8106	0.365	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	7838	0.382	ng	# 78
35) Benzo(b)fluoranthene	22.54	252	7052	0.366	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	8674	0.385	ng	94
37) Benzo(a)pyrene	23.11	252	6621	0.365	ng	92
38) Dibenzo(a,h)anthracene	25.53	278	6624	0.366	ng	97
39) Benzo(g,h,i)perylene	26.20	276	7159	0.372	ng	# 90

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

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QLast Update : Tue Jul 24 13:24:10 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

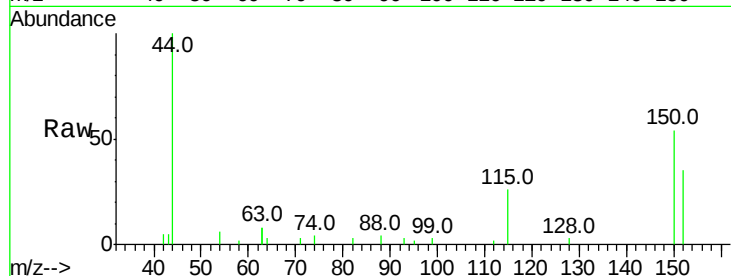
Tot Ion:152 Resp: 1157

Ion Ratio Lower Upper

152 100

150 156.5 117.2 175.8

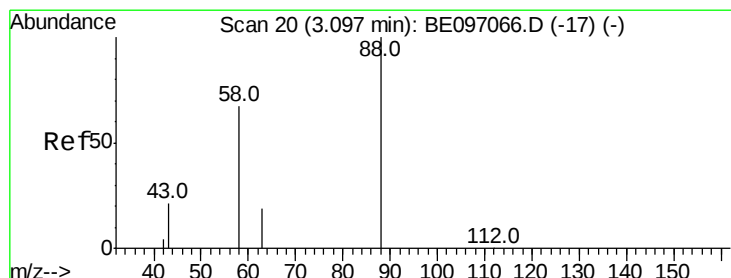
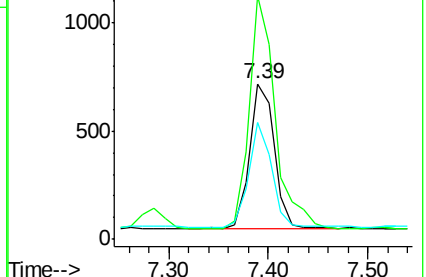
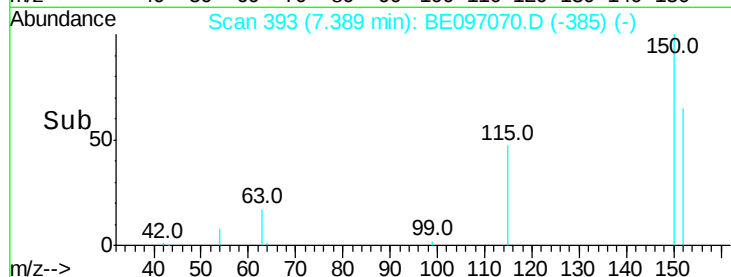
115 75.3 57.0 85.6



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: 0.436 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

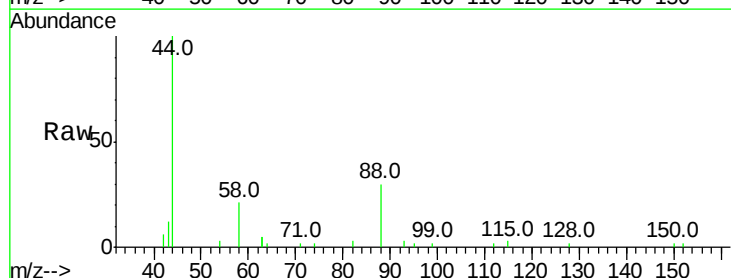
Tgt Ion: 88 Resp: 802

Ion Ratio Lower Upper

88 100

58 76.2 63.2 94.8

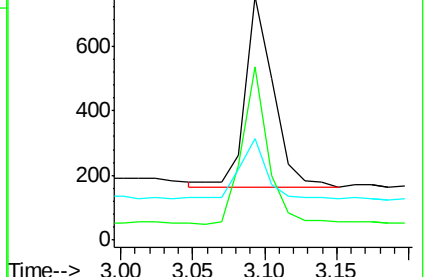
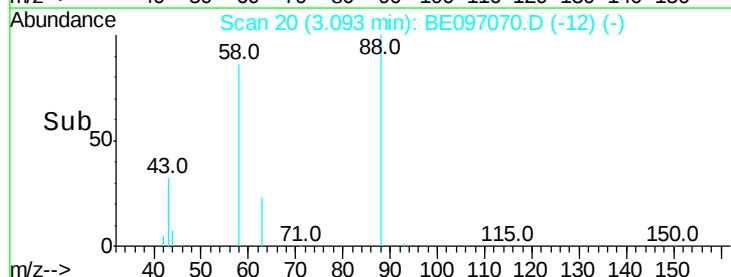
43 31.4 41.2 61.8#



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



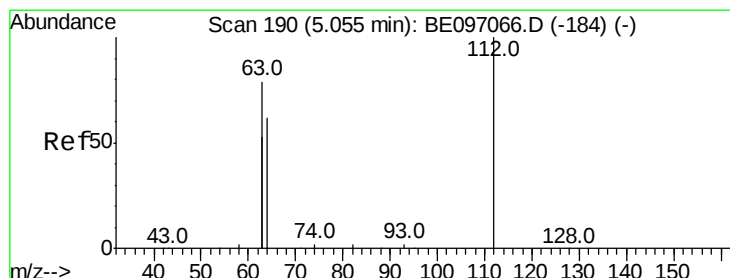
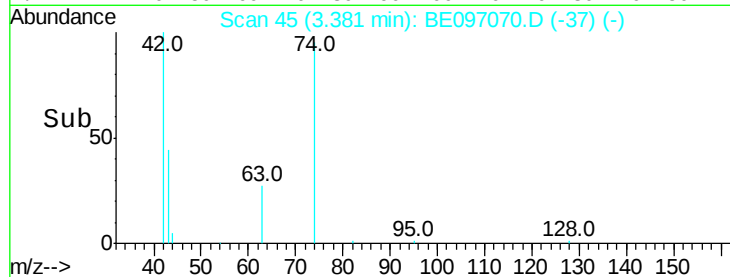
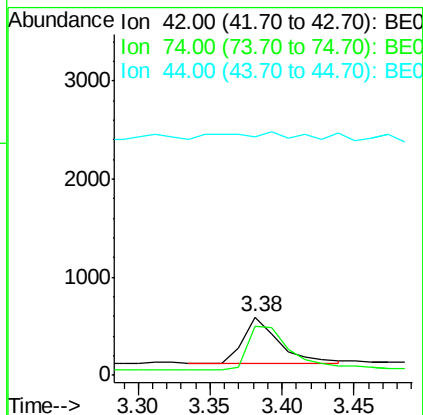
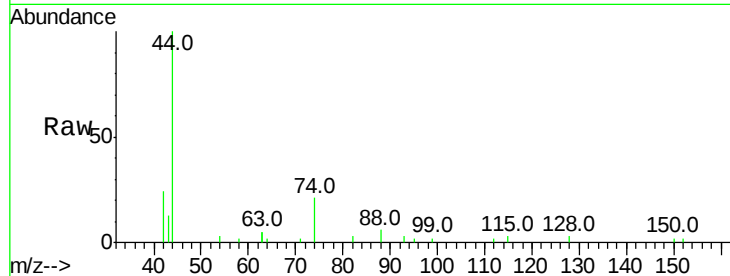


#3

n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

Instrument :
BNA_E
ClientSampleId :

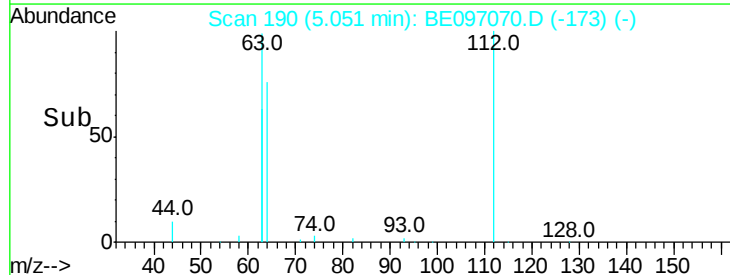
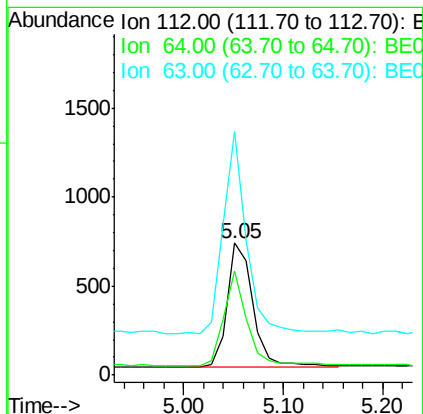
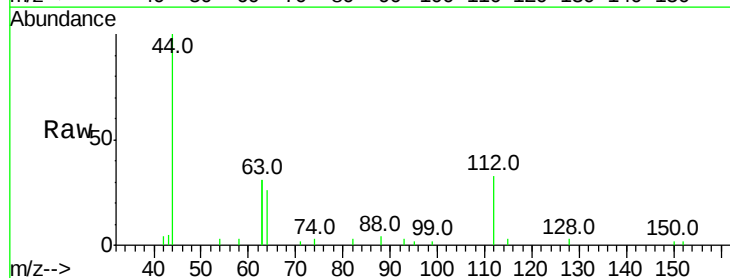
Tot Ion: 42 Resp: 845
Ion Ratio Lower Upper
42 100
74 107.0 96.0 144.0
44 0.0 12.0 18.0#

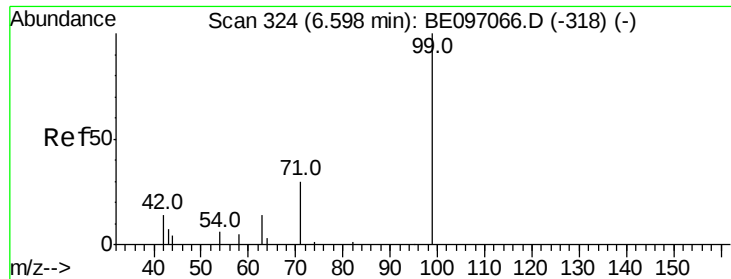


#4

2-Fluorophenol
Concen: 0.383 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

Tgt Ion: 112 Resp: 1245
Ion Ratio Lower Upper
112 100
64 69.1 60.1 90.1
63 143.2 116.8 175.2





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampled :

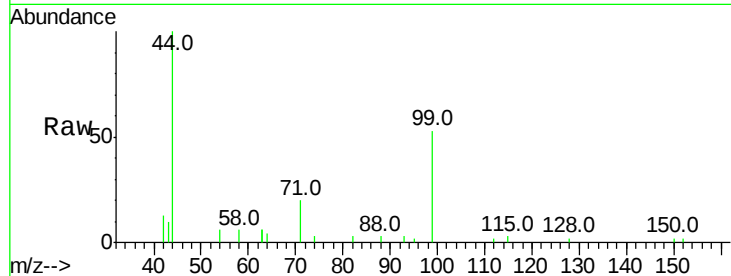
Tot Ion: 99 Resp: 1825

Ion Ratio Lower Upper

99 100

42 23.0 20.2 30.2

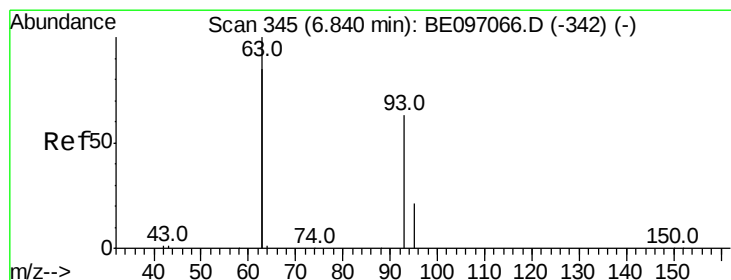
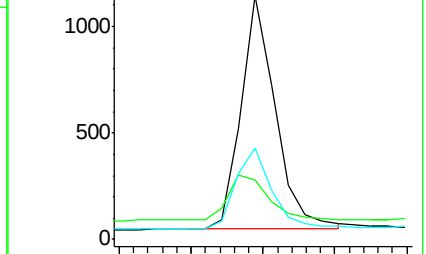
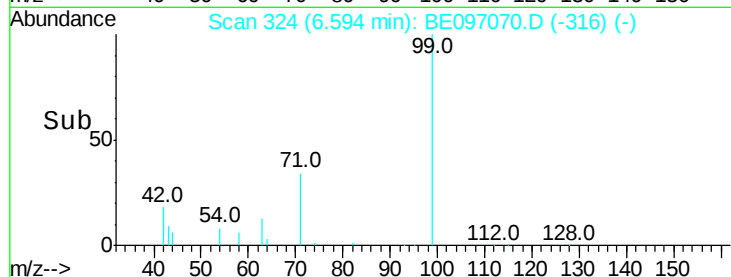
71 35.7 28.4 42.6



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: 0.388 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

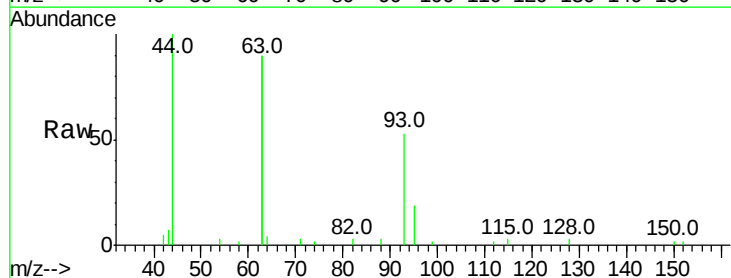
Tgt Ion: 93 Resp: 1688

Ion Ratio Lower Upper

93 100

63 325.1 275.3 412.9

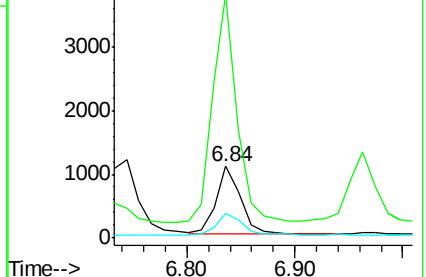
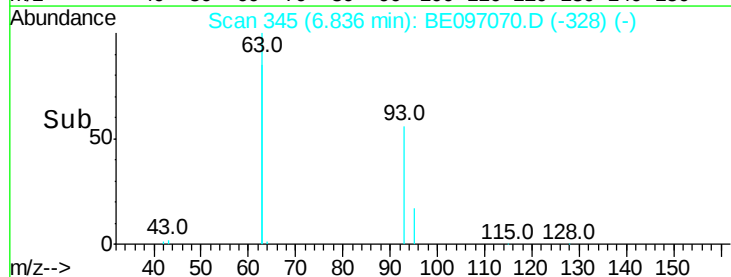
95 31.4 25.2 37.8



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: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5625

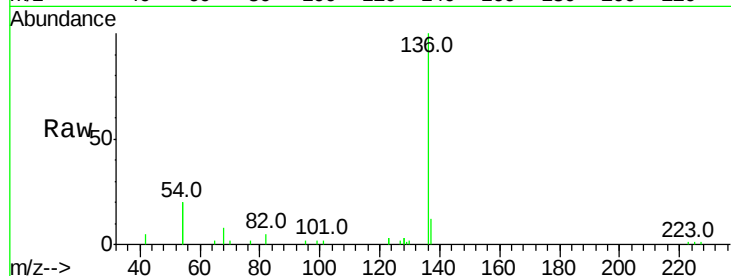
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 40.2 29.1 43.7

68 7.8 6.2 9.2

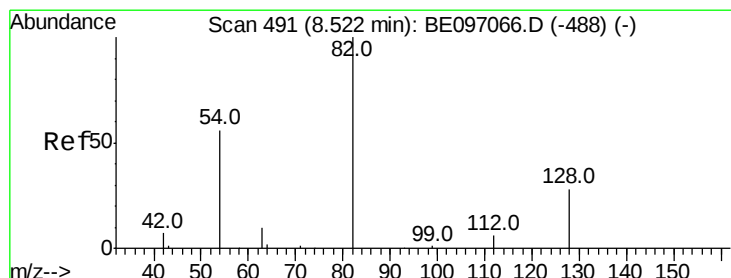
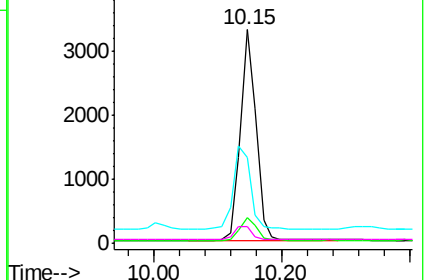
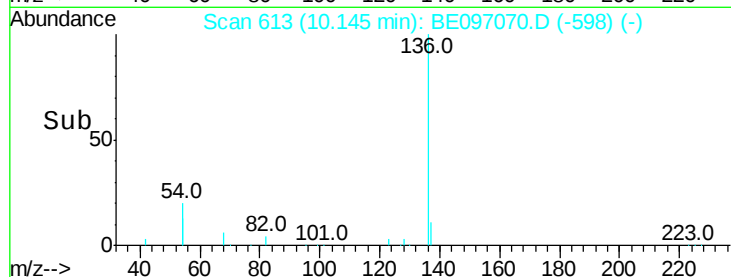


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

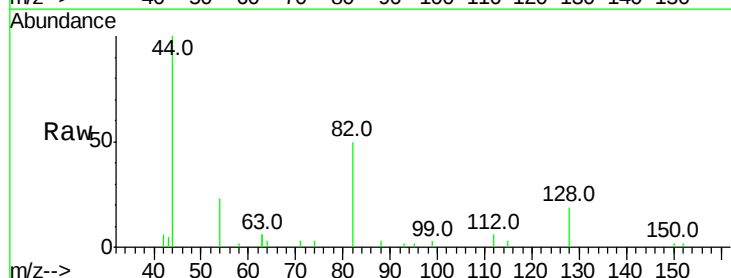
Tgt Ion: 82 Resp: 1961

Ion Ratio Lower Upper

82 100

128 37.9 24.0 36.0#

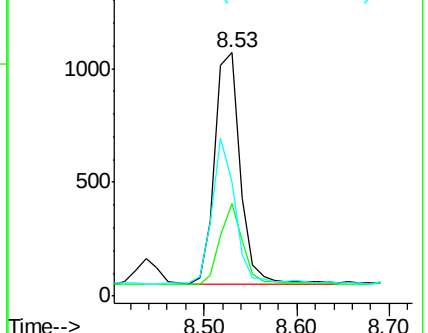
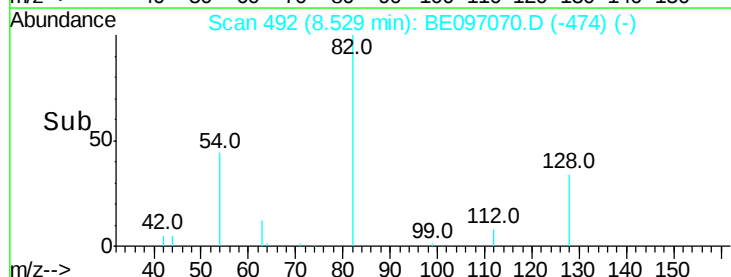
54 46.7 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

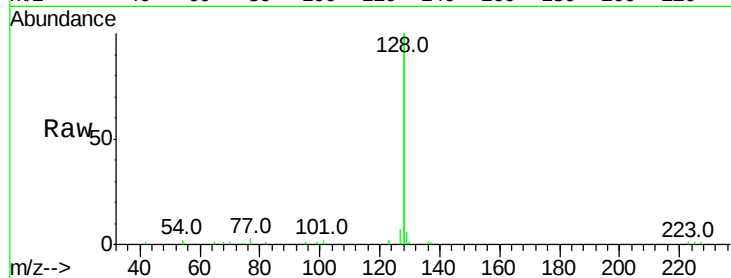
Tot Ion:128 Resp: 20605

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

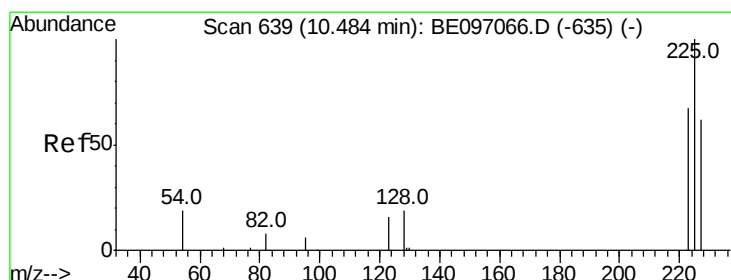
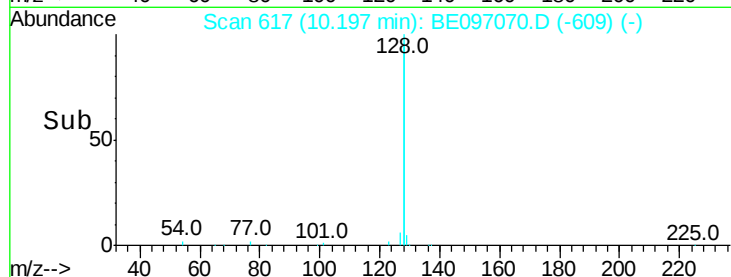
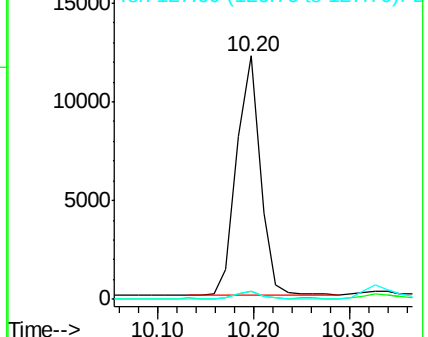
127 3.5 2.8 4.2



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: 0.413 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

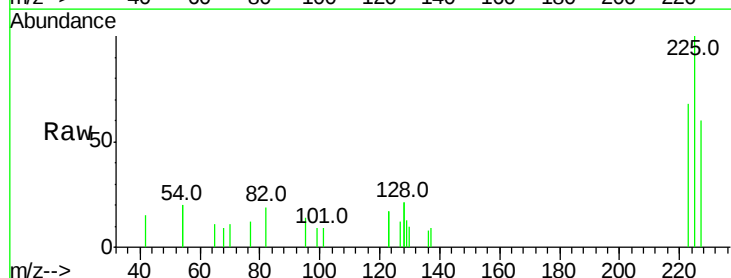
Tgt Ion:225 Resp: 933

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

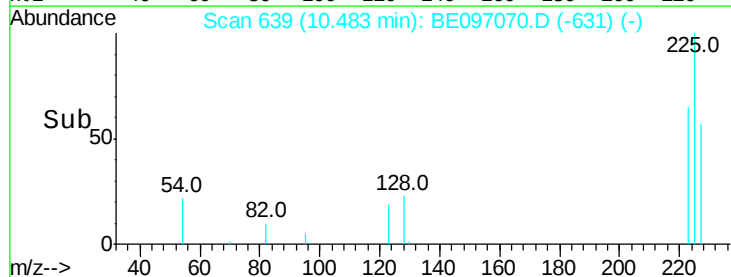
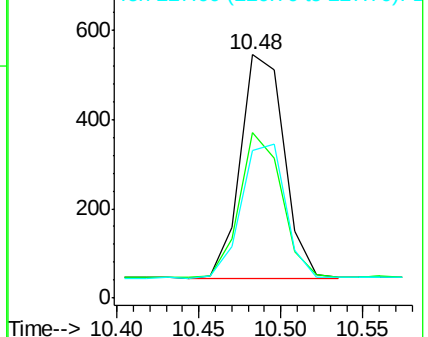
227 60.7 51.4 77.2



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: 0.399 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

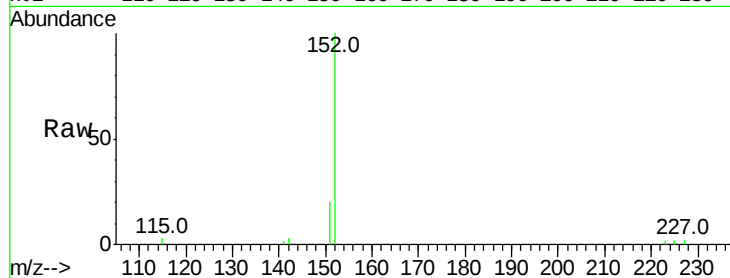
ClientSampleId :

Tot Ion:152 Resp: 3363

Ion Ratio Lower Upper

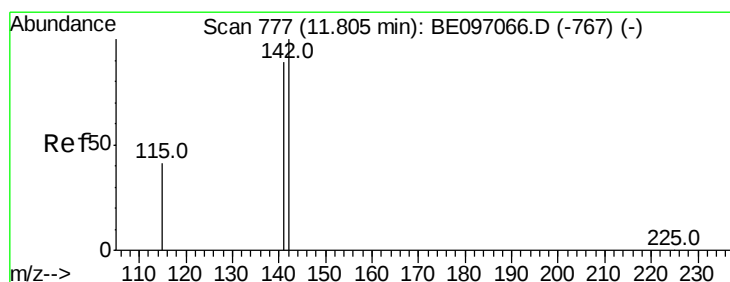
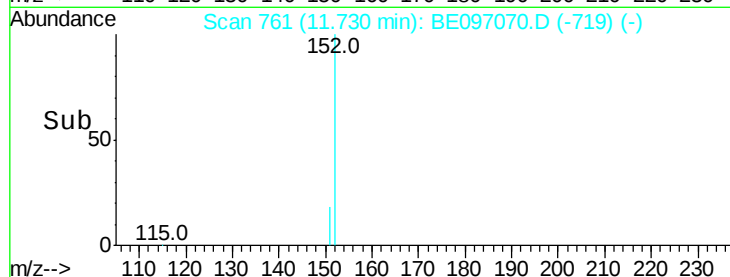
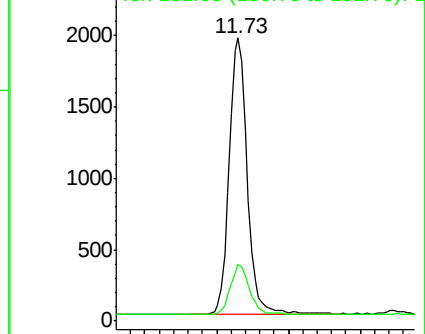
152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.404 ng

RT: 11.81 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

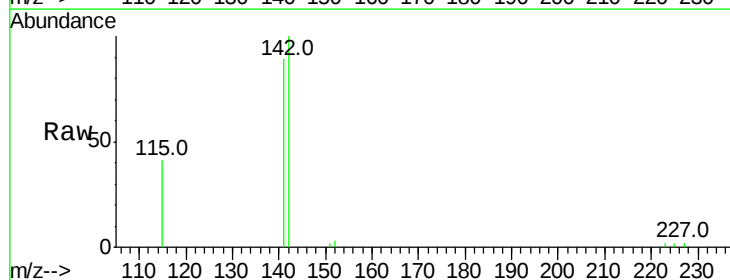
Tgt Ion:142 Resp: 3502

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

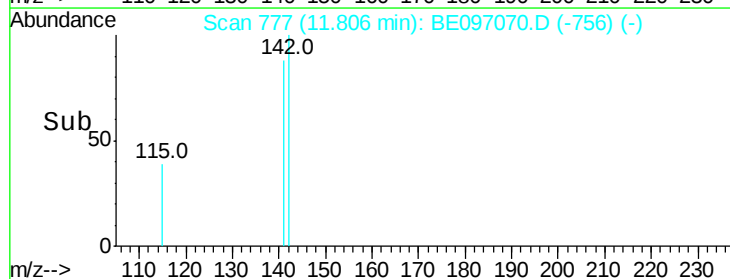
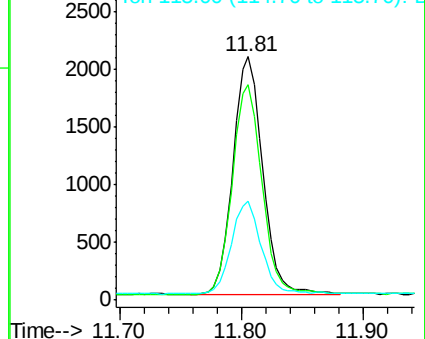
115 40.7 31.7 47.5

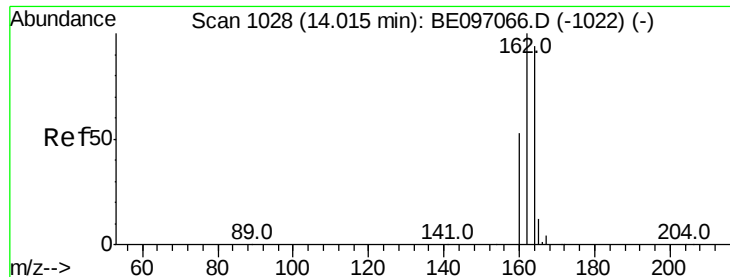


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

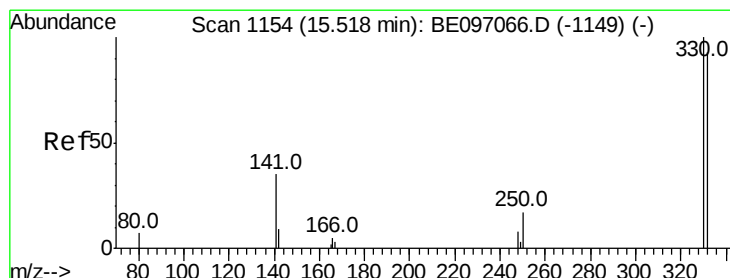
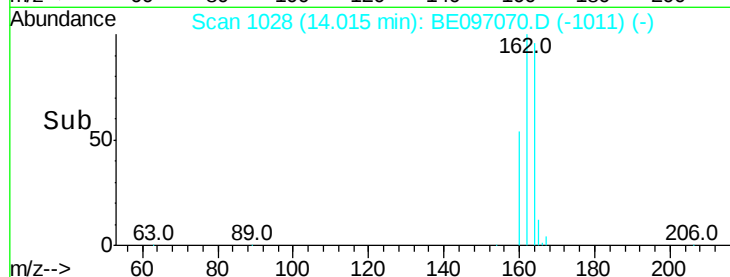
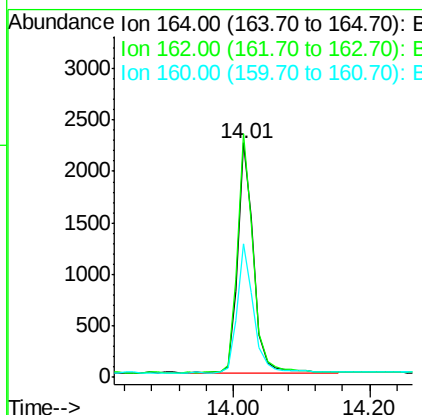
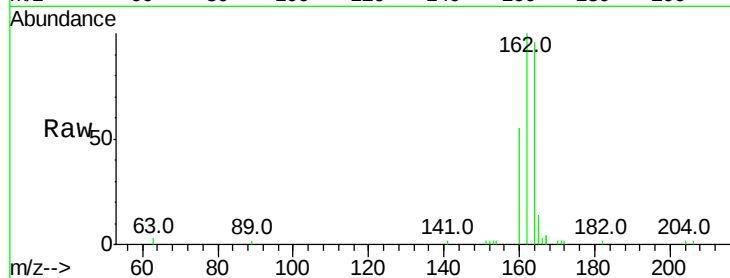




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

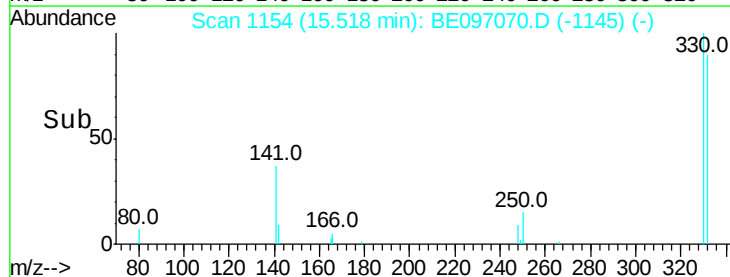
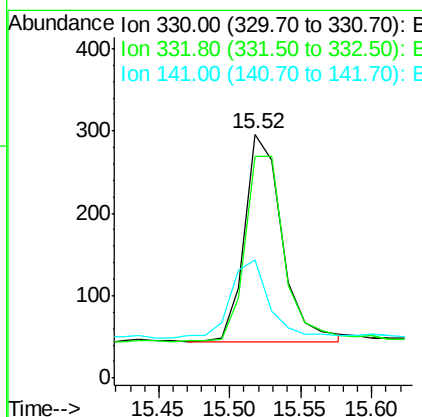
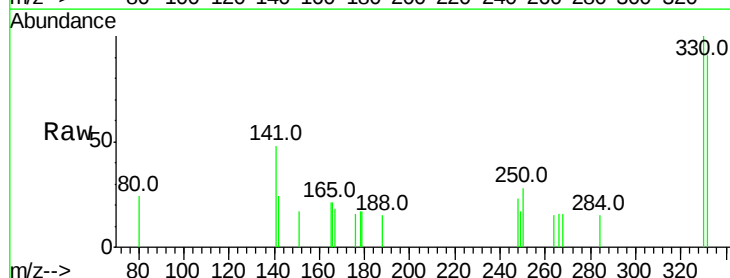
Instrument :
BNA_E
ClientSampleId :

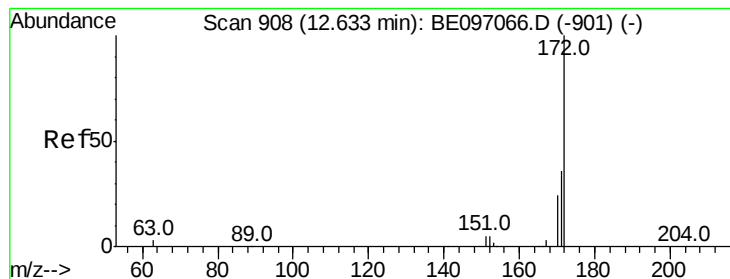
Tot Ion:164 Resp: 3616
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 57.2 37.1 55.7#



#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

Tgt Ion:330 Resp: 463
Ion Ratio Lower Upper
330 100
332 94.2 152.7 229.1#
141 38.4 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.407 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

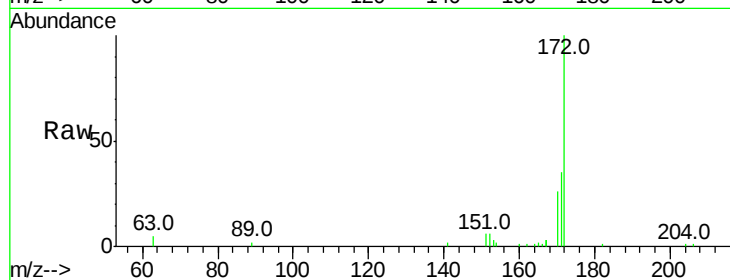
Instrument :

BNA_E

ClientSampleId :

Tot Ion:172 Resp: 5077

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	25.5	21.8	32.8

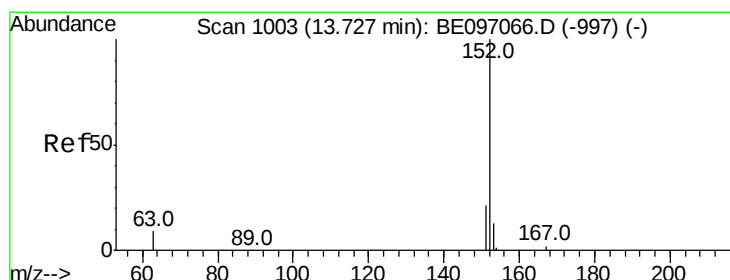
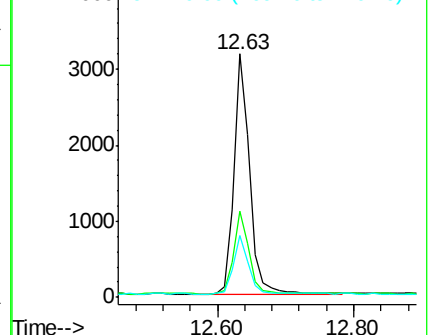
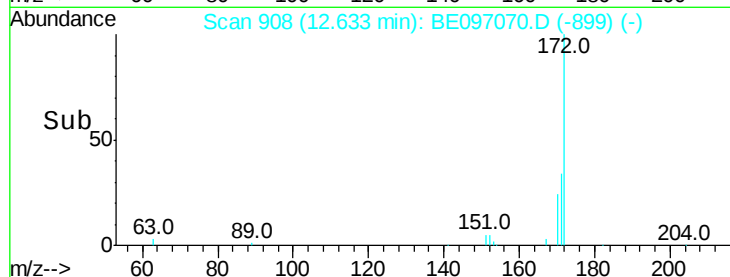


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.399 ng

RT: 13.73 min Scan# 1003

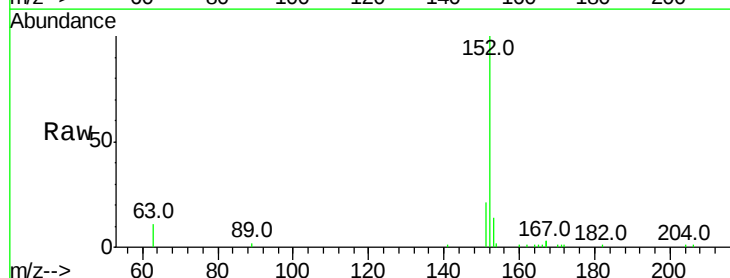
Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Tgt Ion:152 Resp: 6475

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.6	10.5	15.7

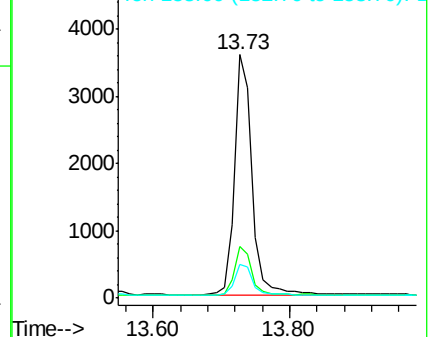
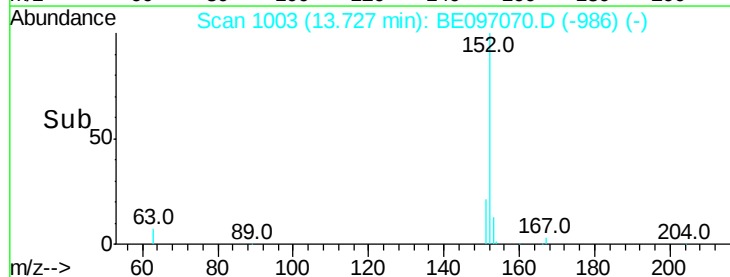


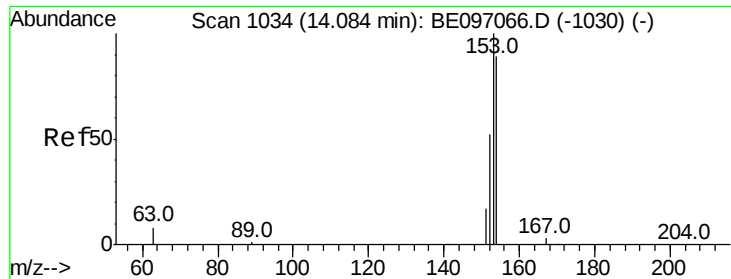
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

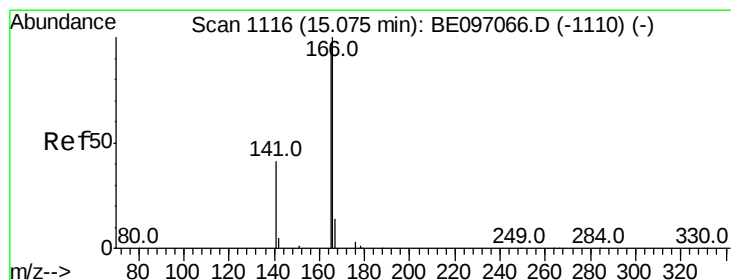
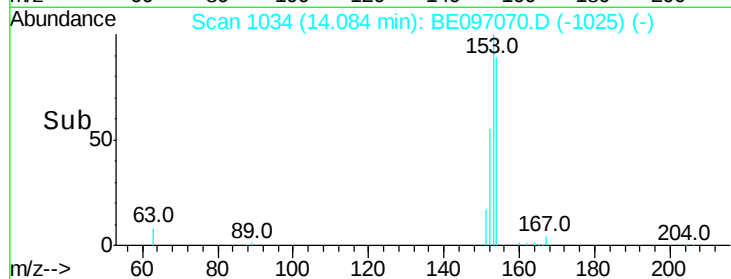
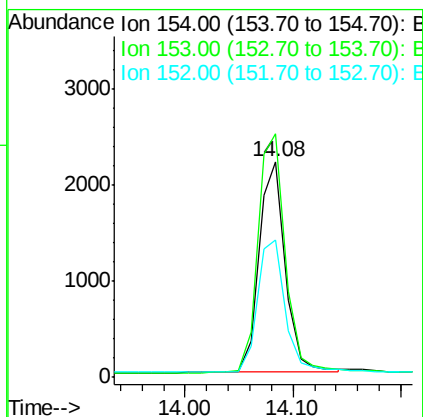
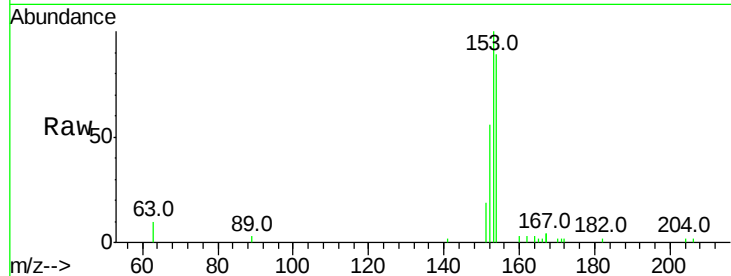




#17
Acenaphthene
Concen: 0.396 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

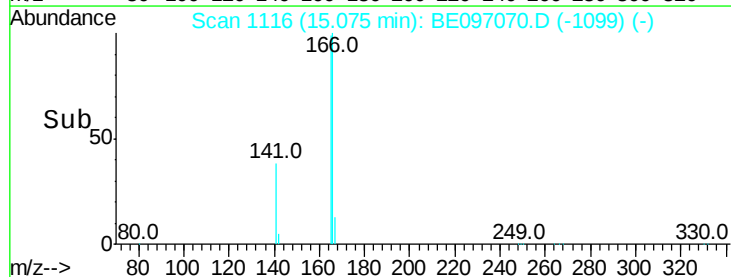
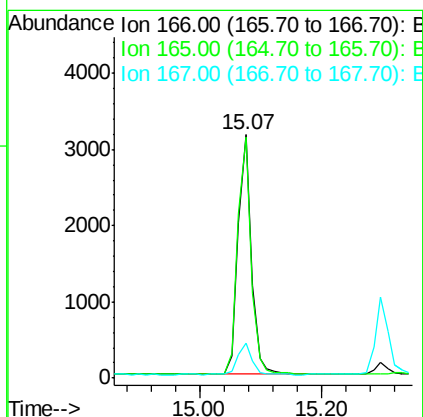
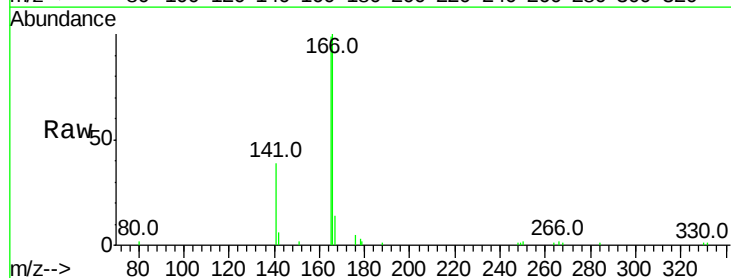
Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3732
Ion Ratio Lower Upper
154 100
153 117.8 89.2 133.8
152 66.6 42.0 63.0#



#18
Fluorene
Concen: 0.390 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

Tgt Ion:166 Resp: 4866
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.6
167 13.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

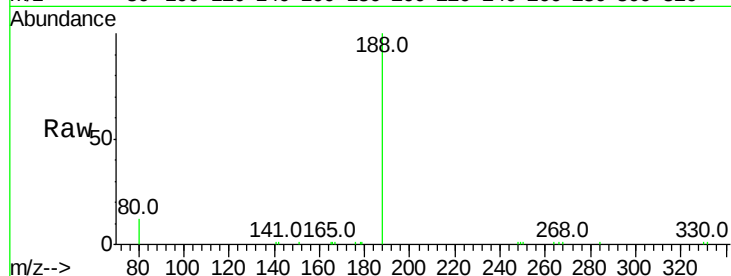
Tot Ion:188 Resp: 9577

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.8 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

16.76

8000

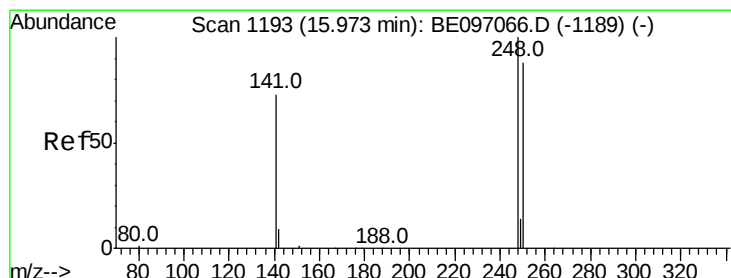
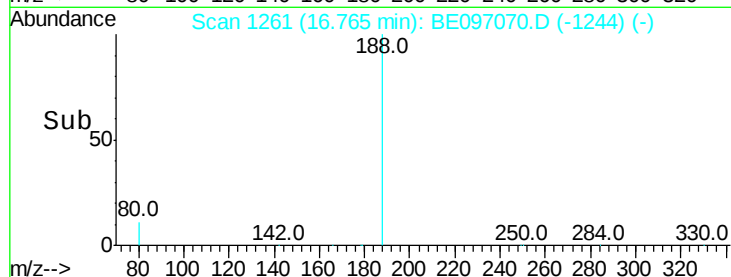
6000

4000

2000

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.403 ng

RT: 15.97 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

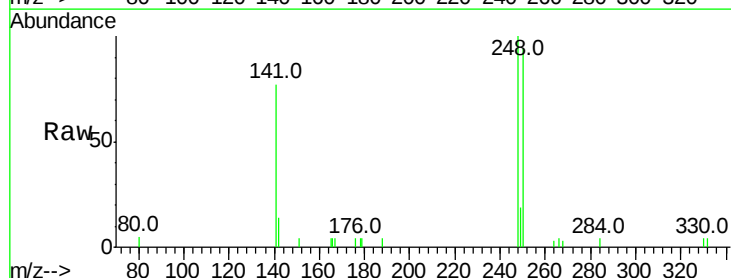
Tgt Ion:248 Resp: 1875

Ion Ratio Lower Upper

248 100

250 94.1 62.7 94.1#

141 76.8 48.2 72.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

15.97

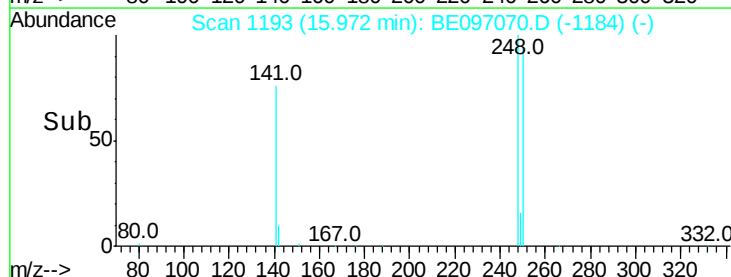
1500

1000

500

0

Time-->





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

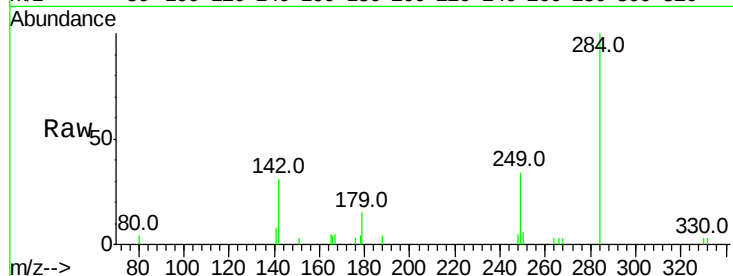
Tot Ion:284 Resp: 2098

Ion Ratio Lower Upper

284 100

142 33.5 22.1 33.1#

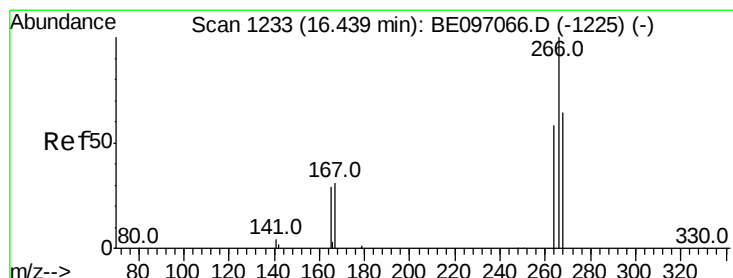
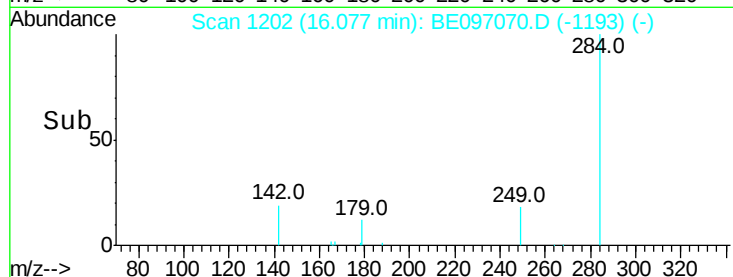
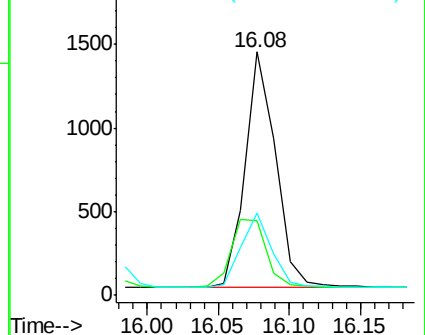
249 31.6 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.364 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

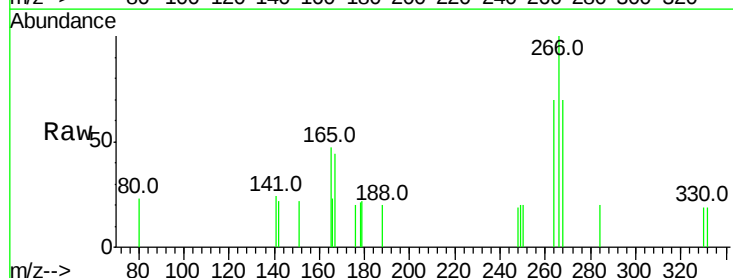
Tgt Ion:266 Resp: 415

Ion Ratio Lower Upper

266 100

264 69.6 72.5 108.7#

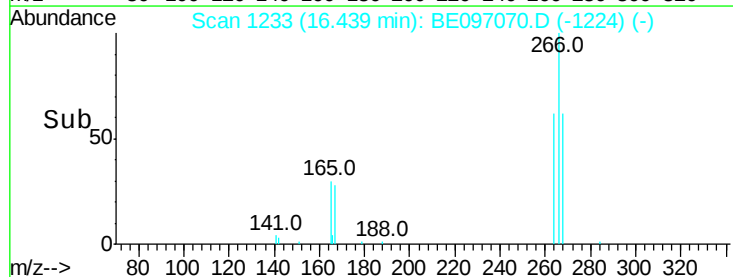
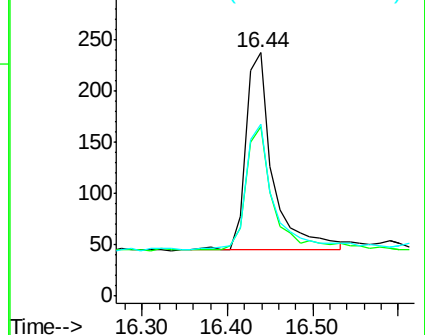
268 70.5 73.8 110.6#



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: 0.399 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

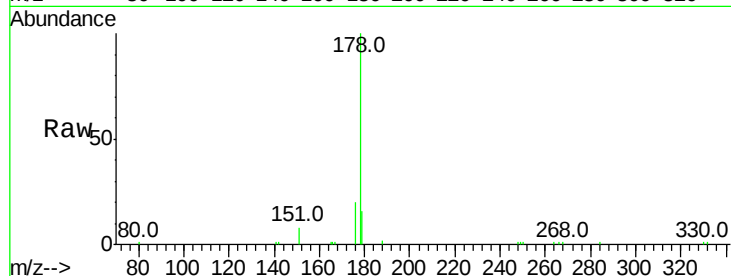
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 9111

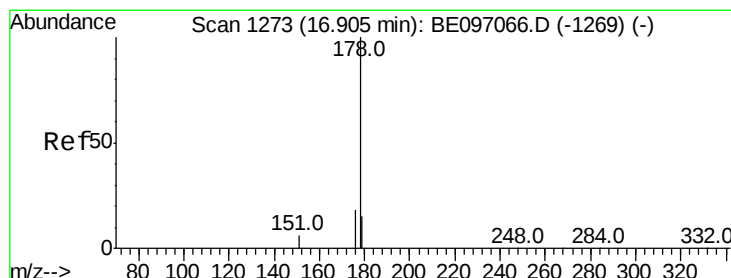
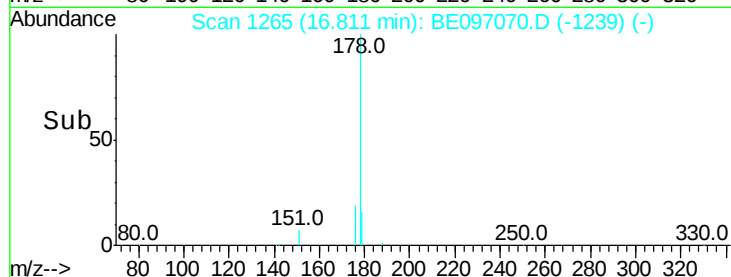
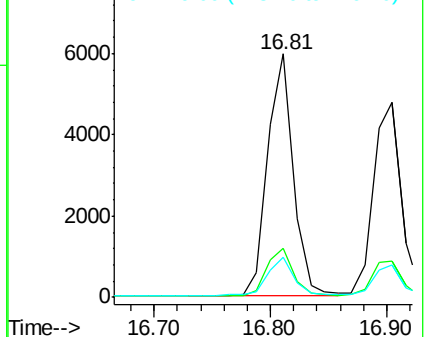
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.5	11.8	17.6



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: 0.385 ng

RT: 16.90 min Scan# 1273

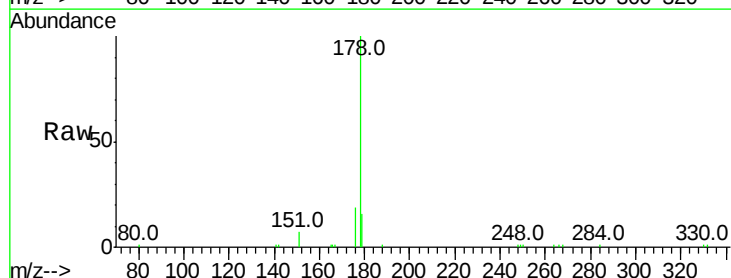
Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Tgt Ion:178 Resp: 7869

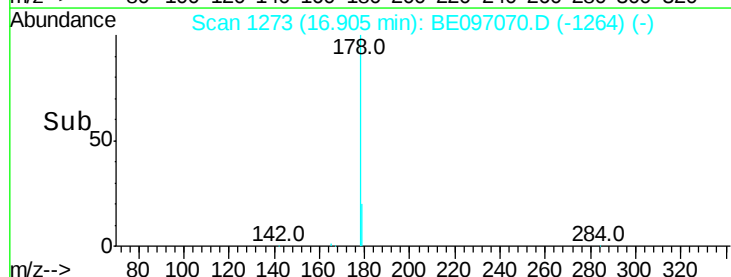
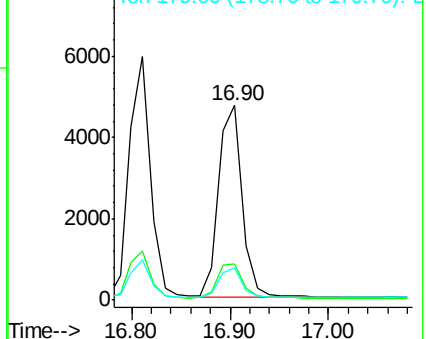
Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	14.9	13.0	19.6

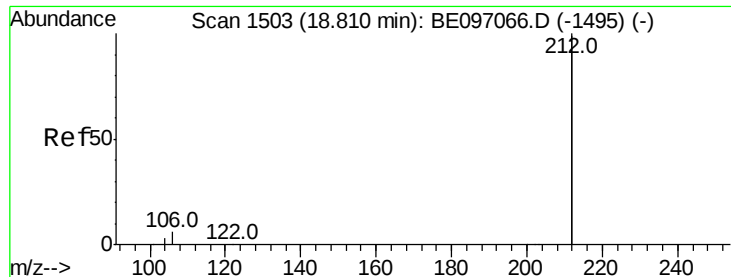


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

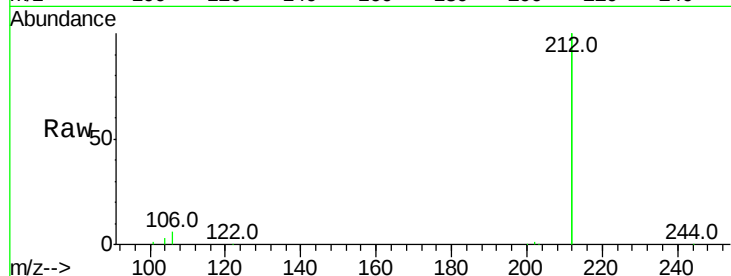
Tot Ion:212 Resp: 36395

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

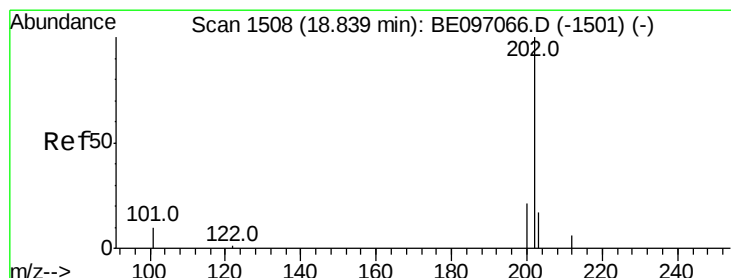
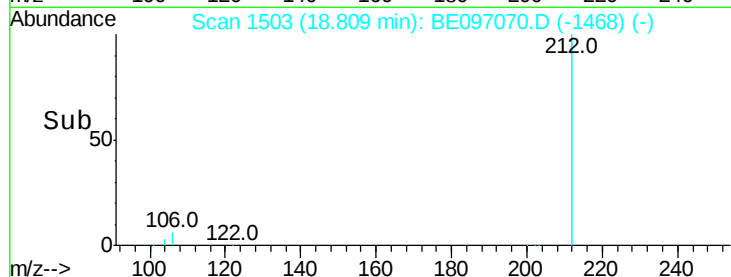
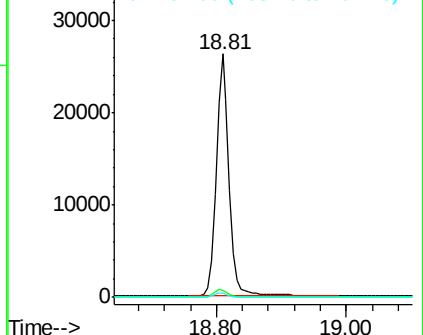
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.386 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

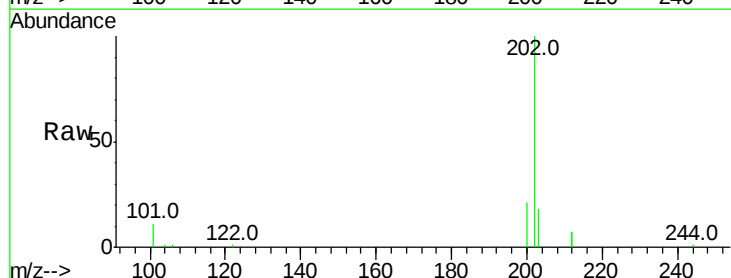
Tgt Ion:202 Resp: 9883

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

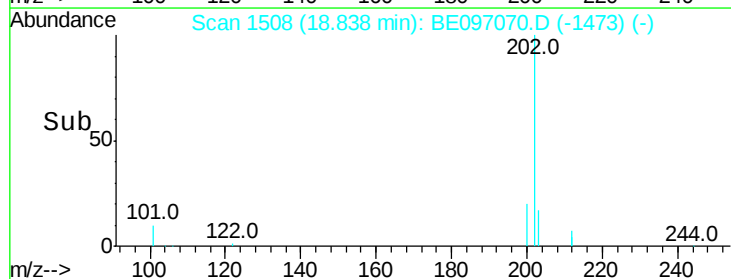
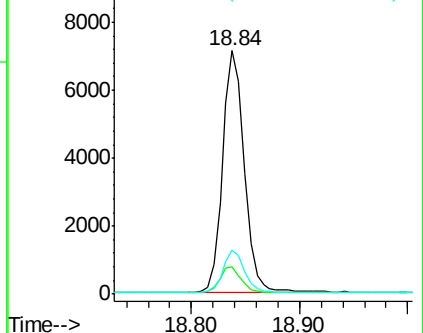
203 16.9 13.7 20.5



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: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

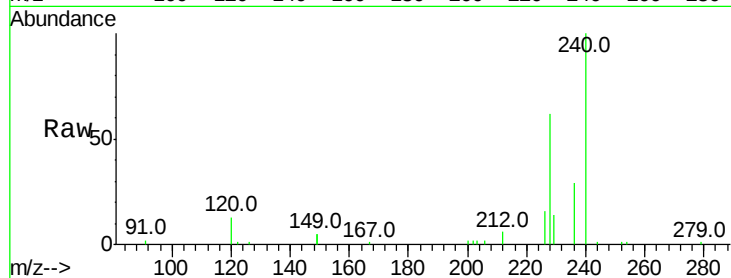
Tot Ion:240 Resp: 8496

Ion Ratio Lower Upper

240 100

120 13.3 5.5 8.3#

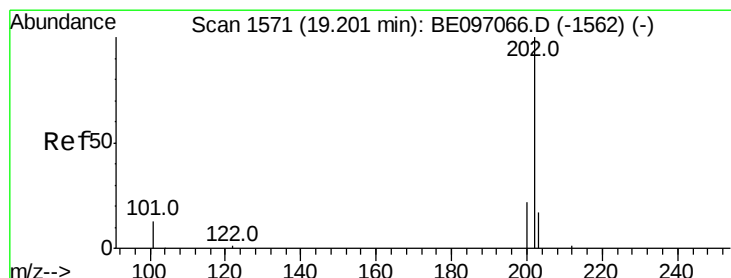
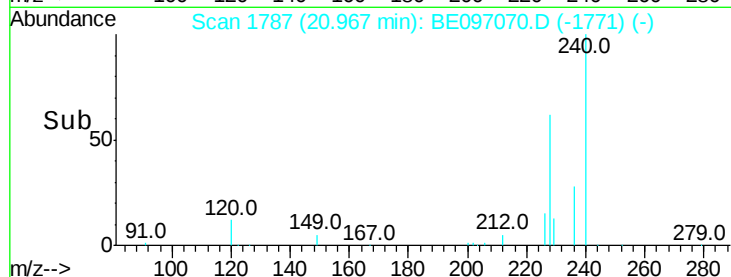
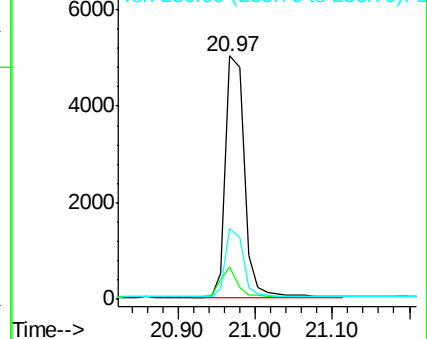
236 28.9 20.7 31.1



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: 0.409 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

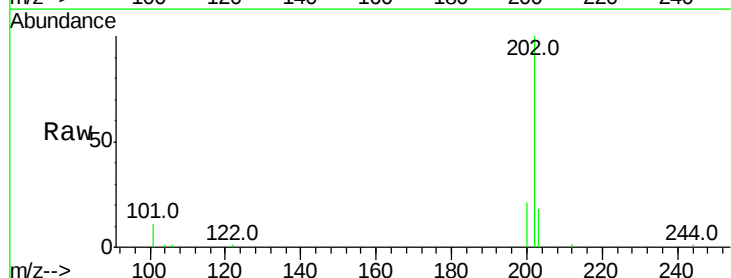
Tgt Ion:202 Resp: 9544

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

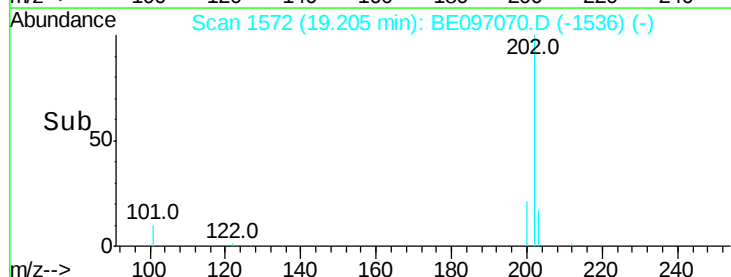
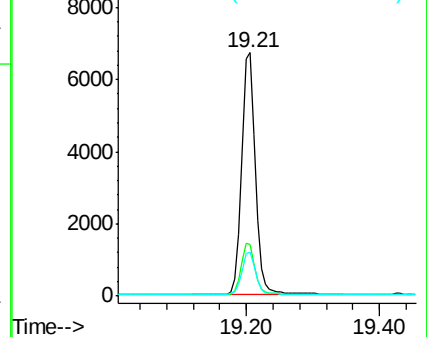
203 17.3 13.8 20.8



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: 0.409 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampled :

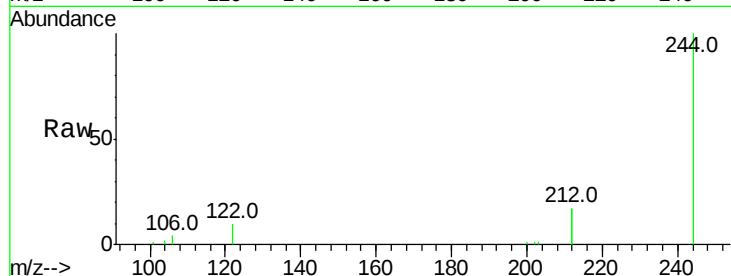
Tot Ion:244 Resp: 6683

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

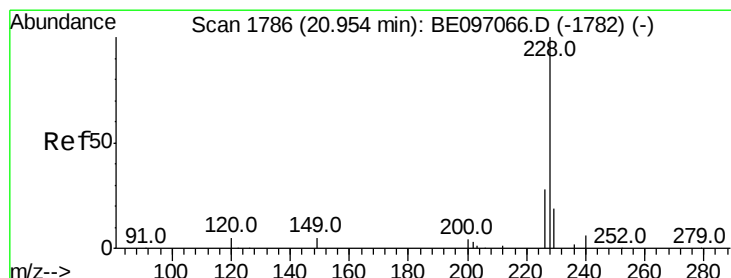
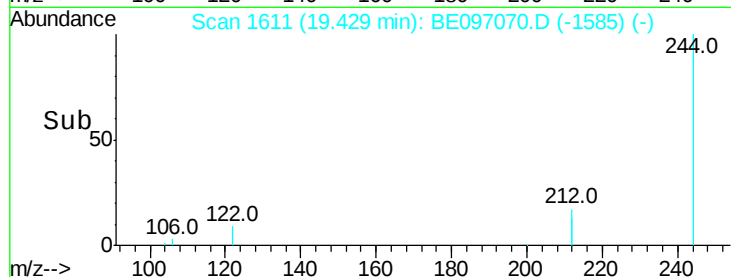
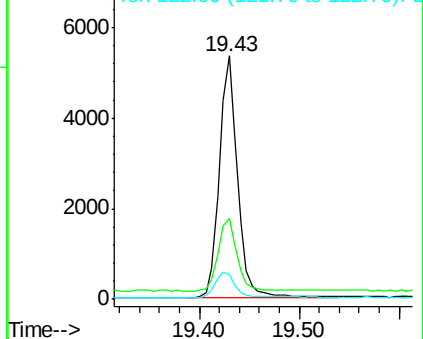
122 10.1 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.369 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

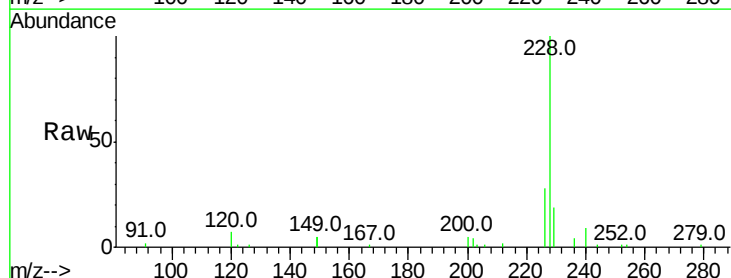
Tgt Ion:228 Resp: 7806

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

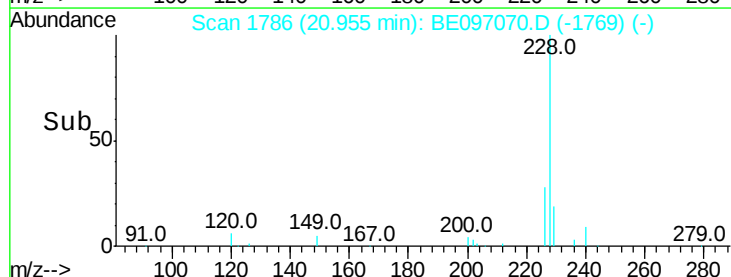
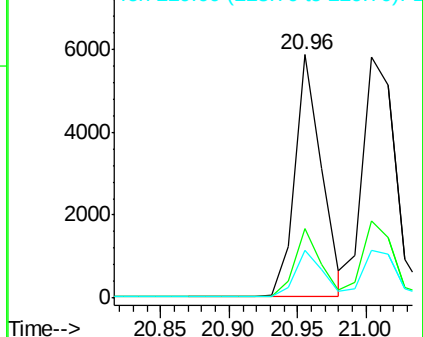
229 19.4 16.0 24.0



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: 0.415 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

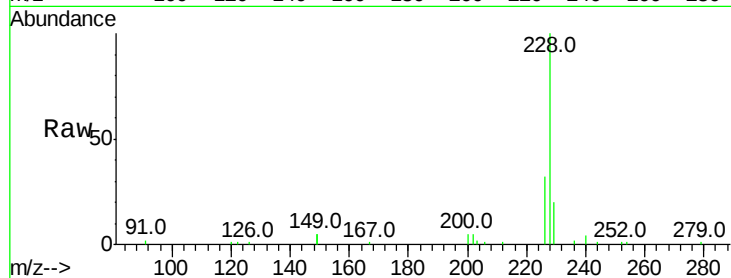
Tot Ion:228 Resp: 9406

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

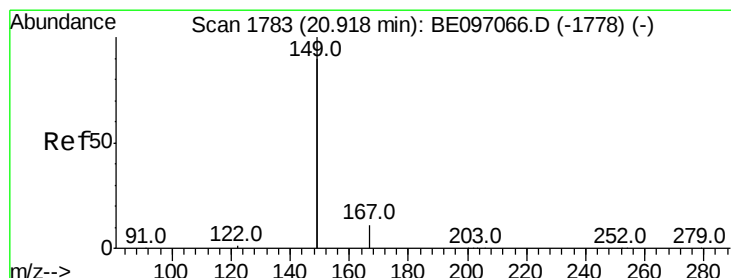
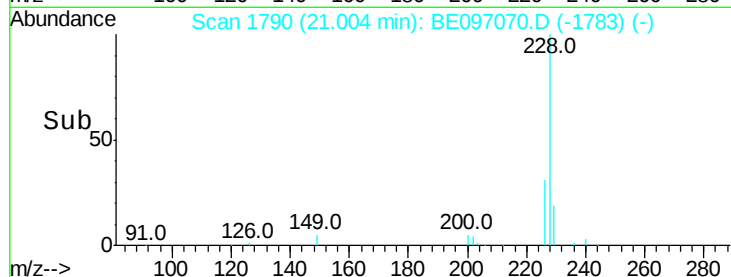
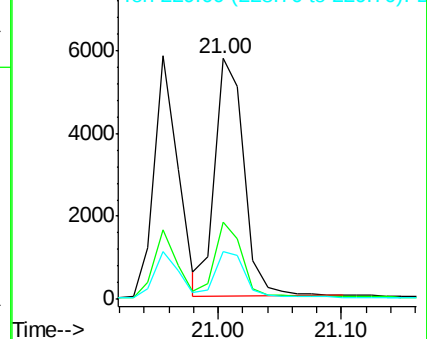
229 19.6 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.365 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

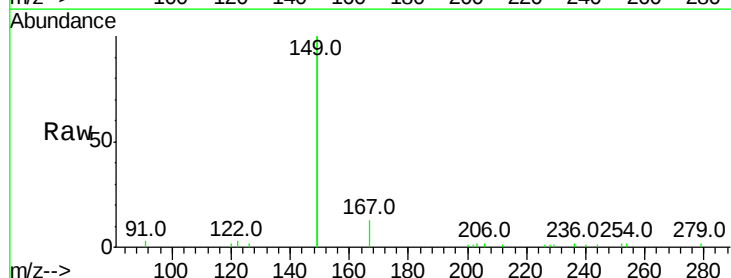
Tgt Ion:149 Resp: 8106

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

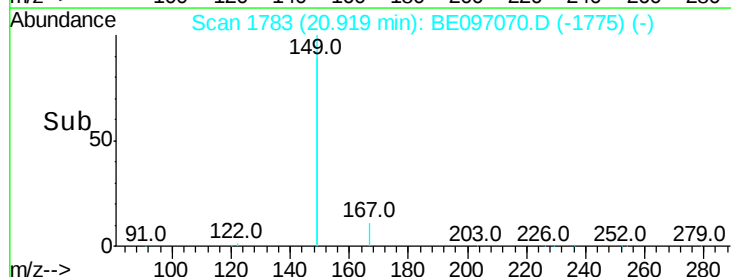
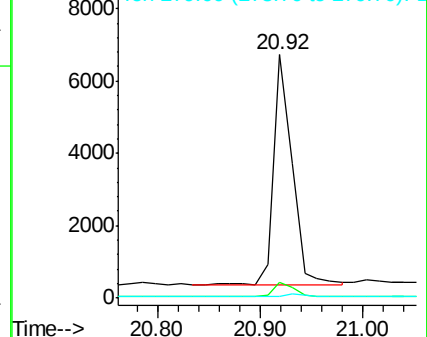
279 0.9 0.7 1.1

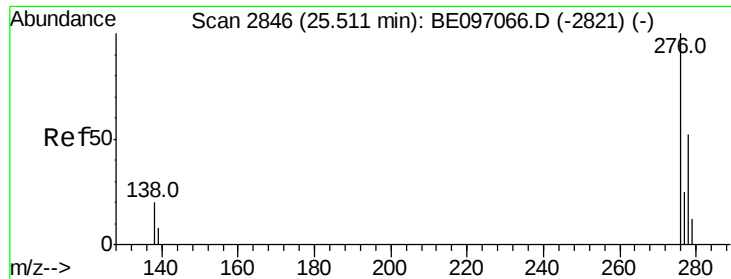


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 25.51 min Scan# 2847

Delta R.T. 0.00 min

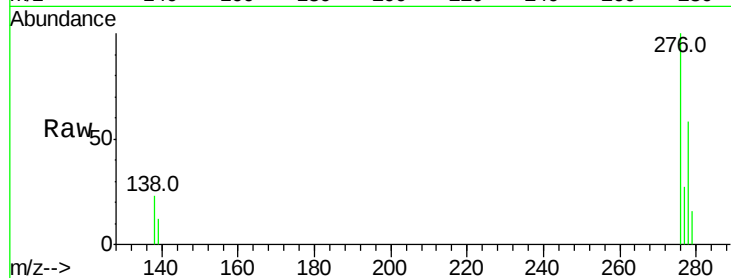
Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :



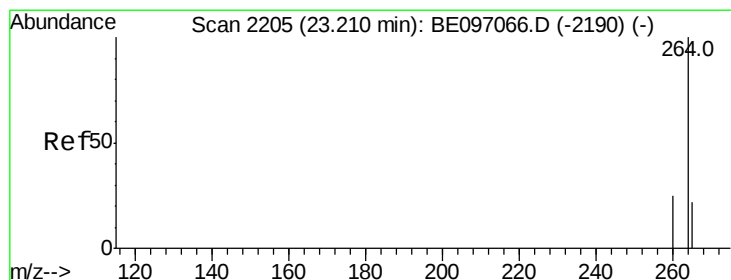
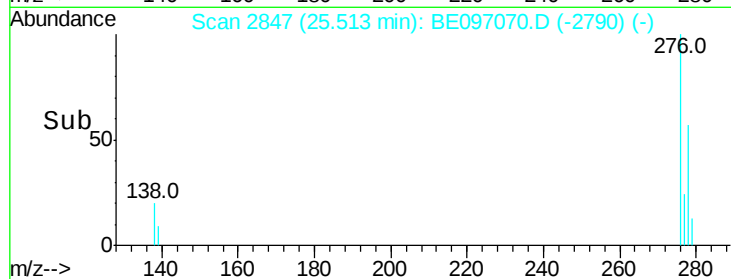
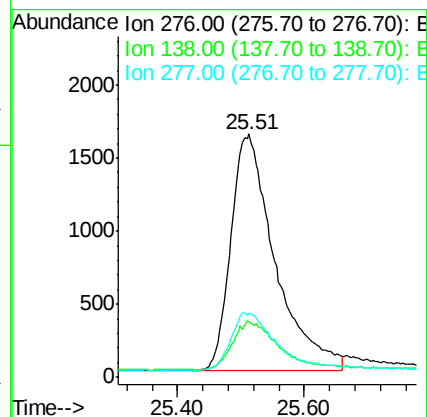
Tot Ion:276 Resp: 7838

Ion Ratio Lower Upper

276 100

138 20.9 22.5 33.7#

277 9.2 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

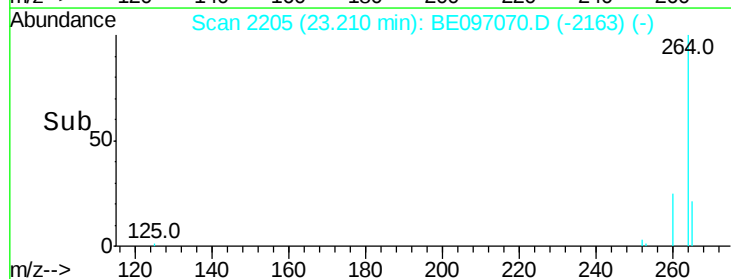
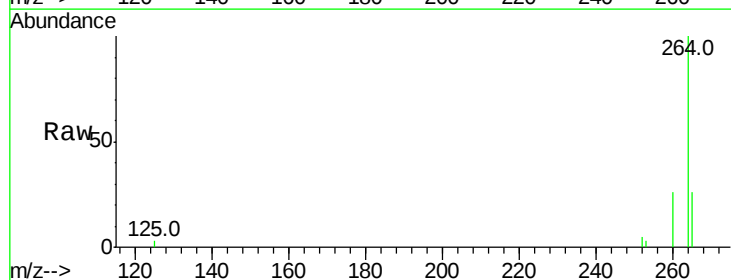
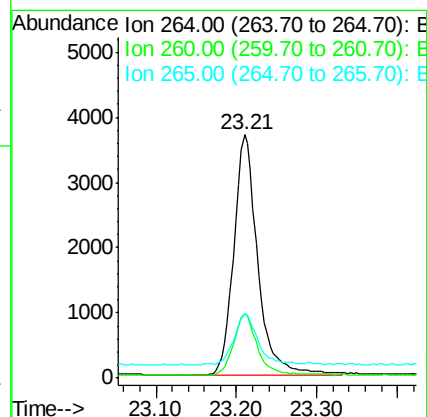
Tgt Ion:264 Resp: 7601

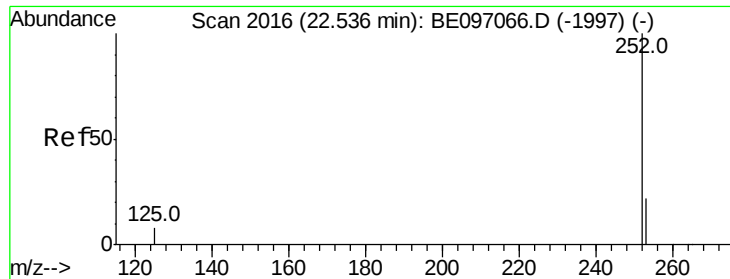
Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 26.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.366 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :

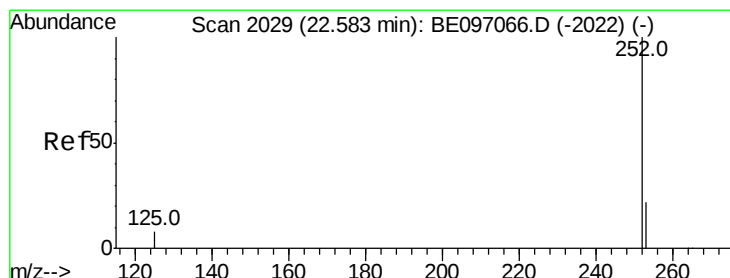
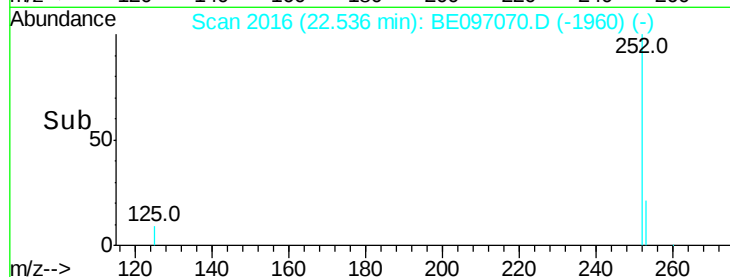
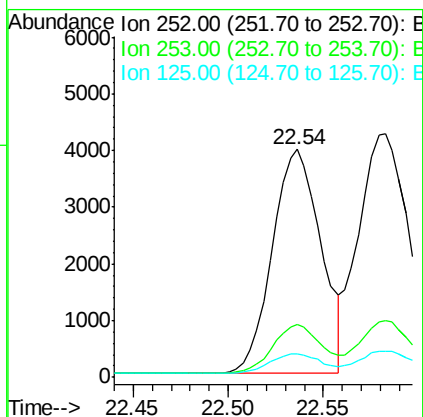
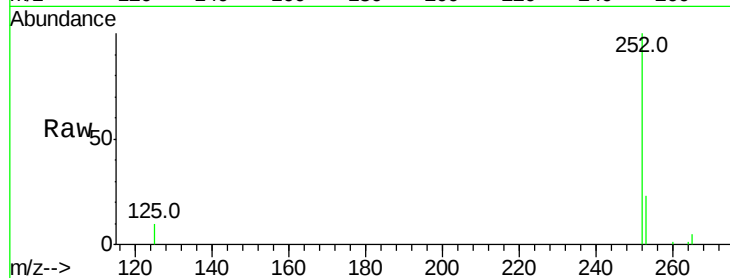
Tot Ion:252 Resp: 7052

Ion Ratio Lower Upper

252 100

253 23.0 20.0 30.0

125 10.5 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.385 ng

RT: 22.58 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

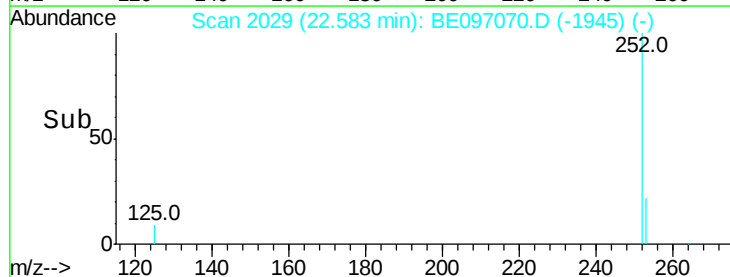
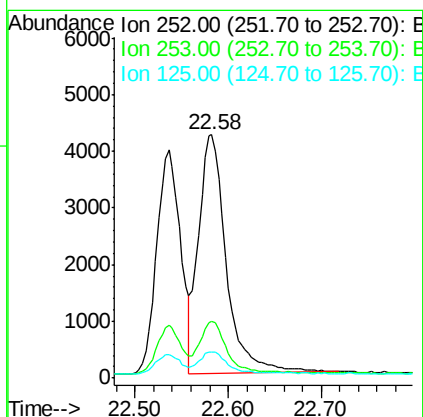
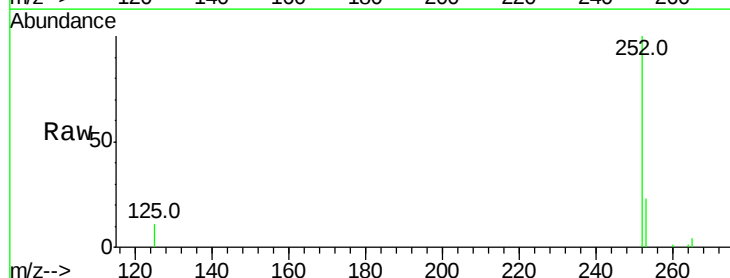
Tgt Ion:252 Resp: 8674

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

125 10.8 8.0 12.0

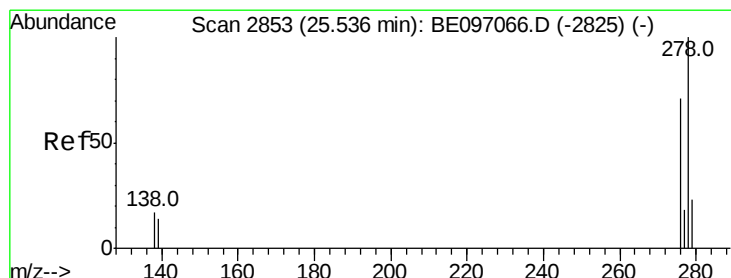
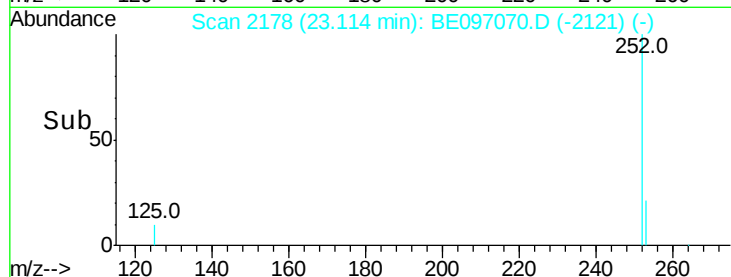
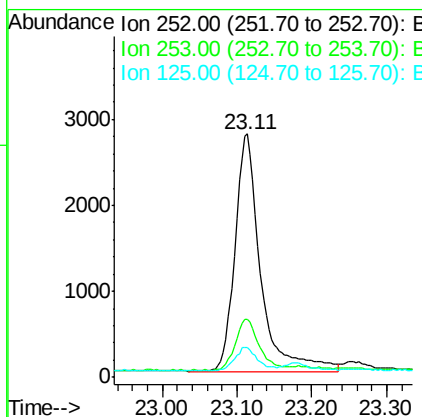
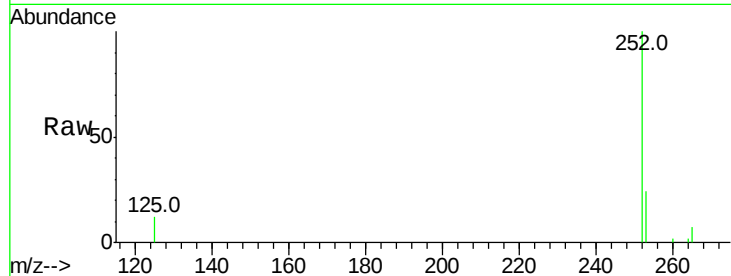




#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.11 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

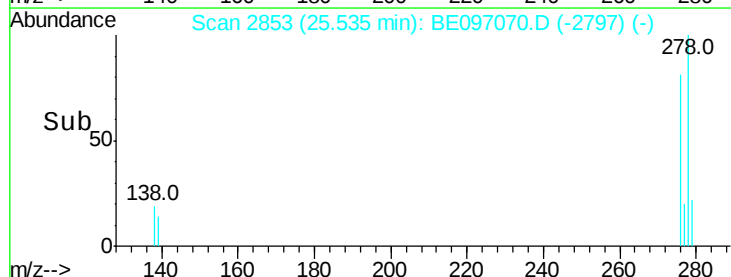
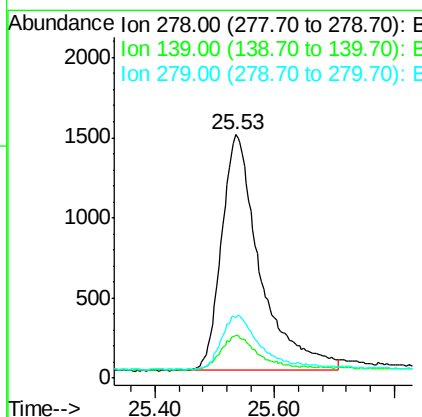
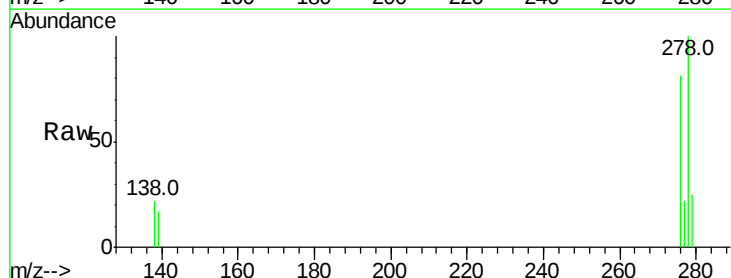
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 6621
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 12.1 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.366 ng
RT: 25.53 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE097070.D
Acq: 24 Jul 2018 13:26

Tgt Ion:278 Resp: 6624
Ion Ratio Lower Upper
278 100
139 17.4 16.0 24.0
279 24.8 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.372 ng

RT: 26.20 min Scan# 3040

Delta R.T. -0.00 min

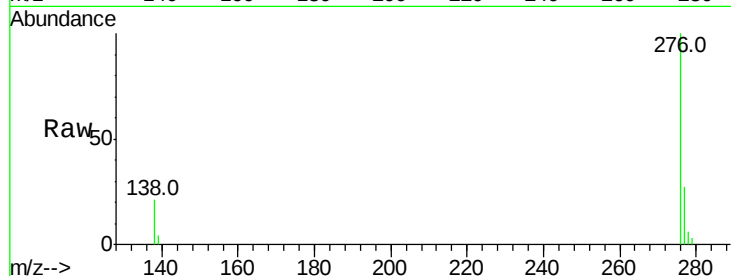
Lab File: BE097070.D

Acq: 24 Jul 2018 13:26

Instrument :

BNA_E

ClientSampleId :



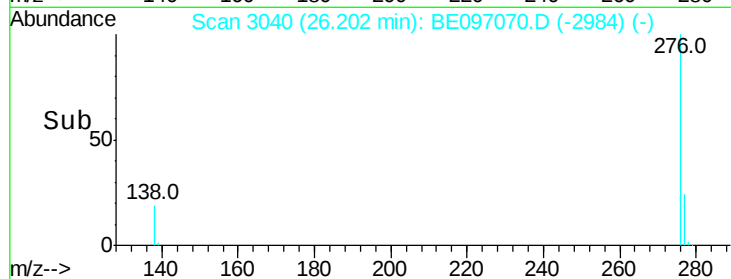
Tot Ion:276 Resp: 7159

Ion Ratio Lower Upper

276 100

277 26.6 16.0 24.0#

138 21.3 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

