

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097493.D
 Acq On : 17 Sep 2018 12:34
 Operator : SJ/JU
 Sample : SSTDICC1.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Sep 17 13:16:27 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 13:06:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	962	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4639	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2758	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7192	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9426	0.40	ng	0.00
34) Perylene-d12	23.21	264	9133	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	5032	1.77	ng	0.00
5) Phenol-d6	6.59	99	6839	1.80	ng	-0.02
8) Nitrobenzene-d5	8.51	82	5972	1.80	ng	-0.02
11) 2-Methylnaphthalene-d10	11.71	152	10813	1.67	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	2460	2.64	ng	-0.01
15) 2-Fluorobiphenyl	12.61	172	15496	1.53	ng	-0.01
25) Fluoranthene-d10	18.80	212	139541	1.69	ng	0.00
29) Terphenyl-d14	19.42	244	28525	1.64	ng	0.00

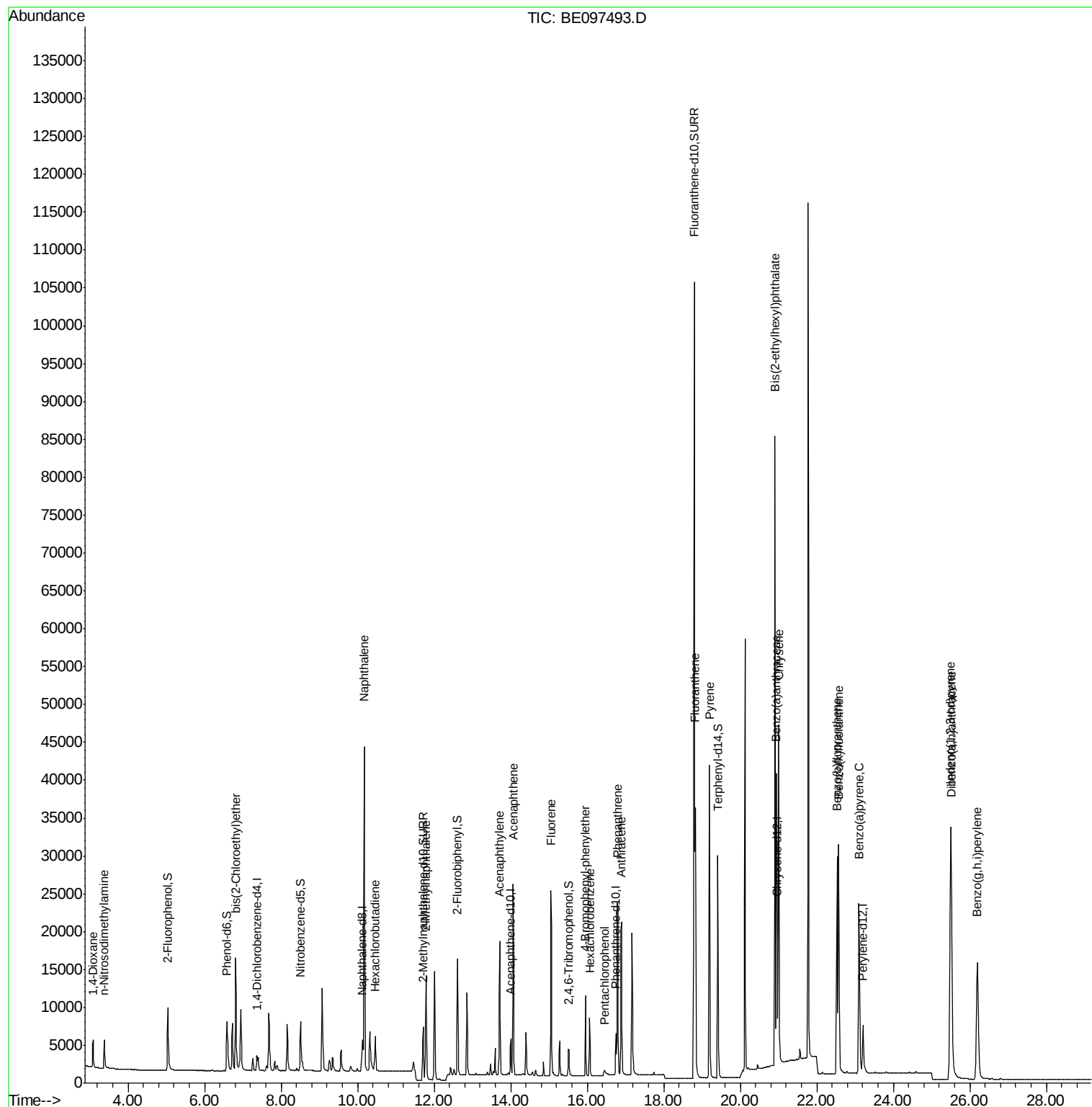
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	2497	1.461	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	2429	1.520	ng	# 94
6) bis(2-Chloroethyl)ether	6.82	93	5412	1.546	ng	89
9) Naphthalene	10.17	128	67155	1.590	ng	99
10) Hexachlorobutadiene	10.46	225	3069	1.626	ng	97
12) 2-Methylnaphthalene	11.79	142	11046	1.659	ng	99
16) Acenaphthylene	13.72	152	19009	1.733	ng	100
17) Acenaphthene	14.06	154	11839	1.619	ng	97
18) Fluorene	15.05	166	15194	1.642	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	5539	1.694	ng	# 77
21) Hexachlorobenzene	16.07	284	5852	1.618	ng	# 84
22) Pentachlorophenol	16.45	266	1013	1.022	ng	# 75
23) Phenanthrene	16.79	178	27396	1.600	ng	99
24) Anthracene	16.89	178	25680	1.763	ng	95
26) Fluoranthene	18.83	202	35959	1.676	ng	98
28) Pyrene	19.19	202	37757	1.683	ng	99
30) Benzo(a)anthracene	20.94	228	39181	1.643	ng	98
31) Chrysene	21.00	228	39711	1.547	ng	100
32) Bis(2-ethylhexyl)phthalate	20.91	149	83096	2.592	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	47212	1.296	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	37825	1.448	ng	# 87
36) Benzo(k)fluoranthene	22.57	252	40260	1.395	ng	96
37) Benzo(a)pyrene	23.10	252	37128	1.576	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	39511	1.276	ng	# 93
39) Benzo(g,h,i)perylene	26.20	276	39099	1.223	ng	# 88

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

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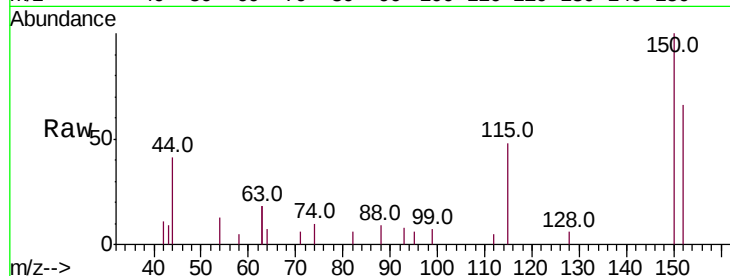


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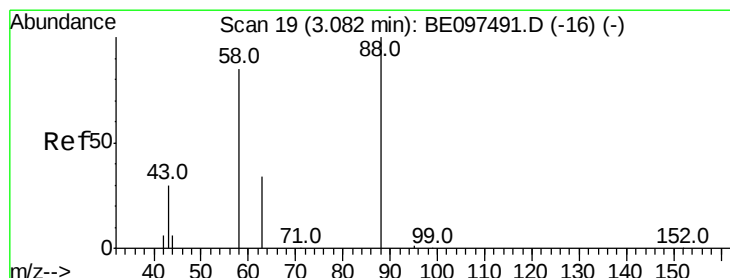
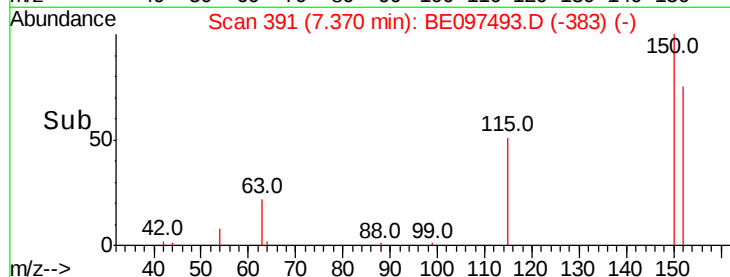
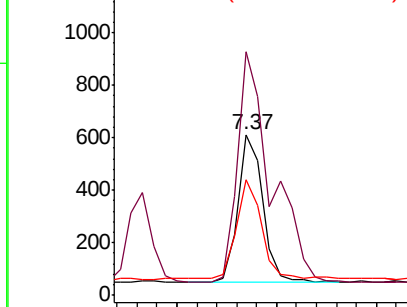
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097493.D
Acq: 17 Sep 2018 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 962
Ion Ratio Lower Upper
152 100
150 151.7 117.2 175.8
115 72.2 57.0 85.6



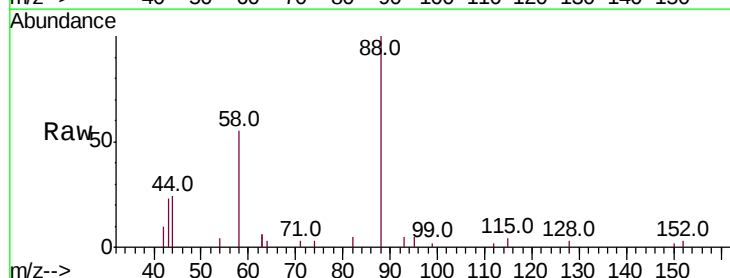
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



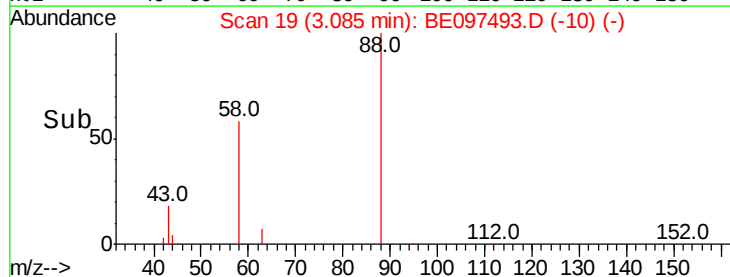
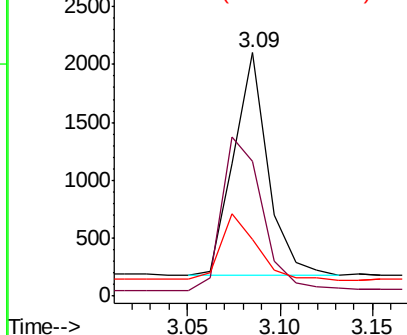
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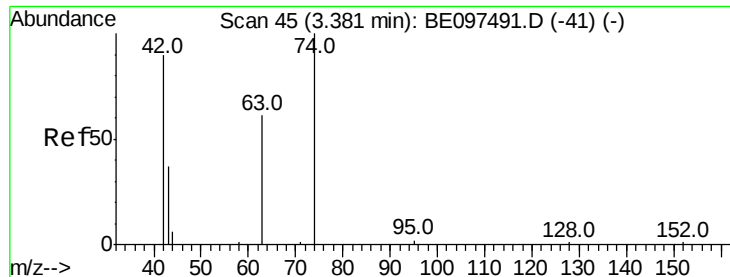
1,4-Dioxane
Concen: 1.461 ng
RT: 3.09 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097493.D
Acq: 17 Sep 2018 12:34

Tgt Ion: 88 Resp: 2497
Ion Ratio Lower Upper
88 100
58 80.5 63.2 94.8
43 31.0 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



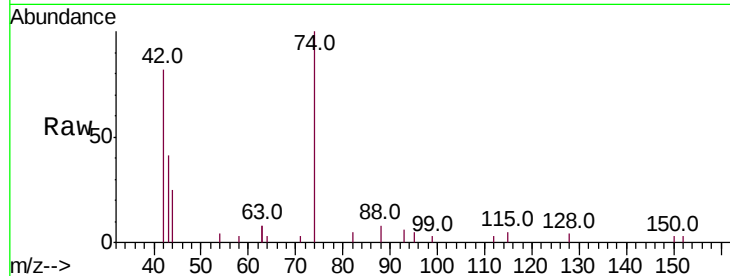


#3

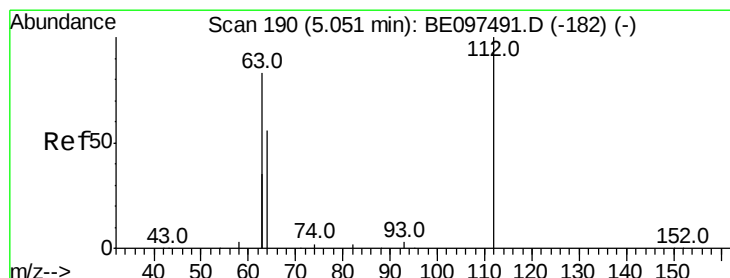
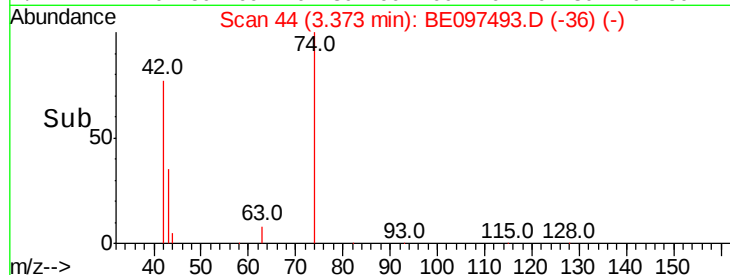
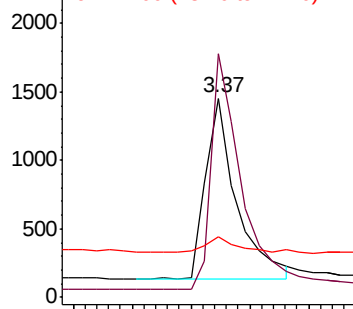
n-Nitrosodimethylamine
 Concen: 1.520 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE097493.D
 Acq: 17 Sep 2018 12:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion: 42 Resp: 2429
 Ion Ratio Lower Upper
 42 100
 74 126.0 96.0 144.0
 44 9.1 12.0 18.0#



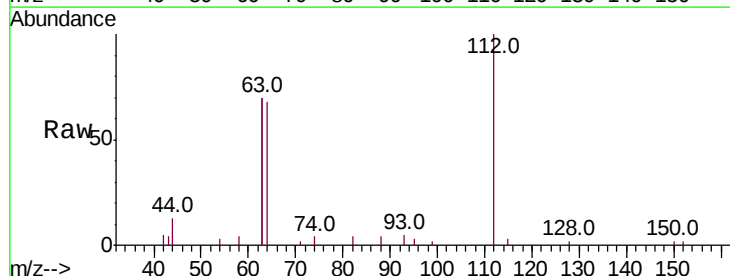
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



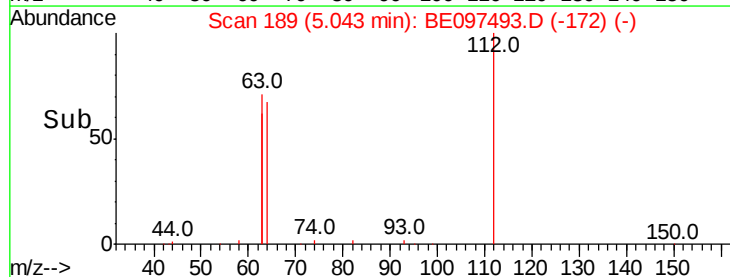
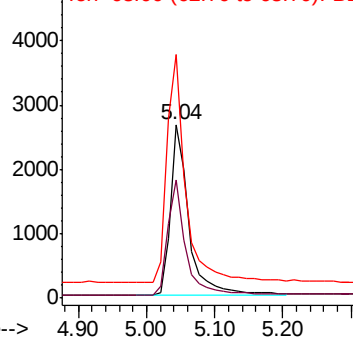
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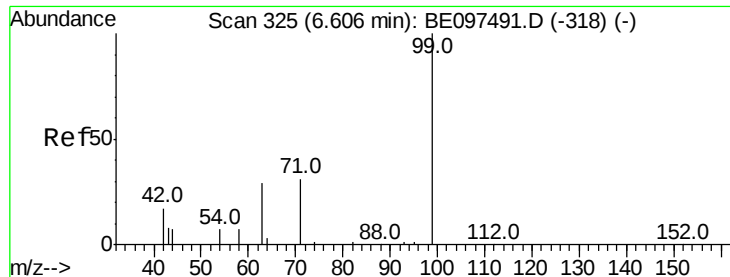
2-Fluorophenol
 Concen: 1.769 ng
 RT: 5.04 min Scan# 189
 Delta R.T. -0.01 min
 Lab File: BE097493.D
 Acq: 17 Sep 2018 12:34

Tgt Ion: 112 Resp: 5032
 Ion Ratio Lower Upper
 112 100
 64 65.8 60.1 90.1
 63 137.4 116.8 175.2



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: 1.799 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.02 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

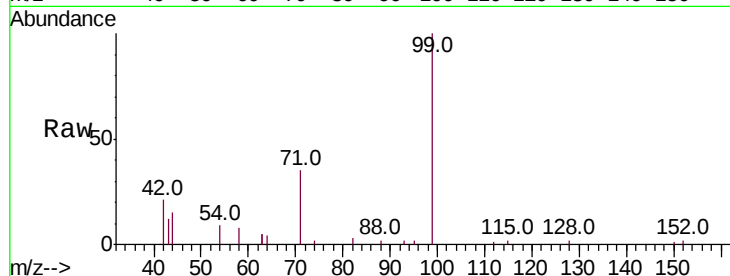
Tot Ion: 99 Resp: 6839

Ion Ratio Lower Upper

99 100

42 20.6 20.2 30.2

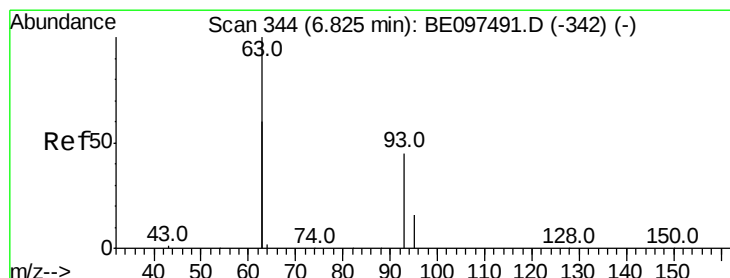
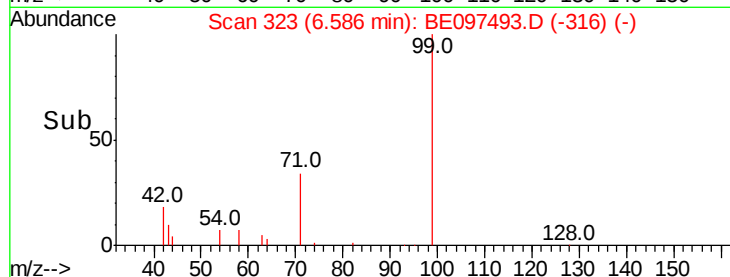
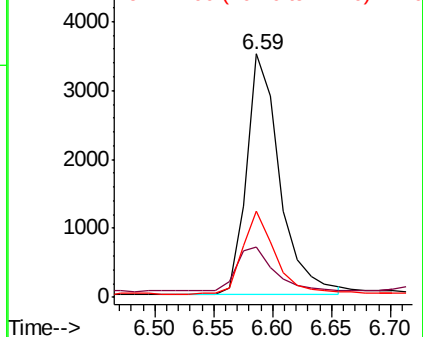
71 33.3 28.4 42.6



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: 1.546 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

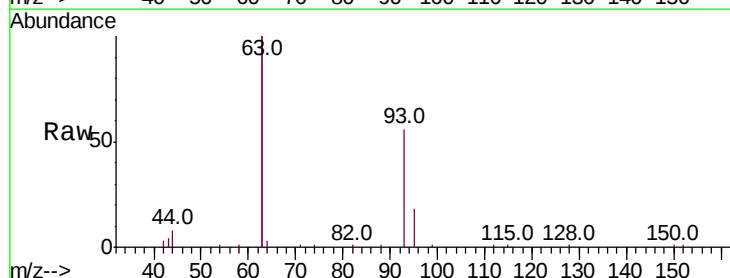
Tgt Ion: 93 Resp: 5412

Ion Ratio Lower Upper

93 100

63 319.6 275.3 412.9

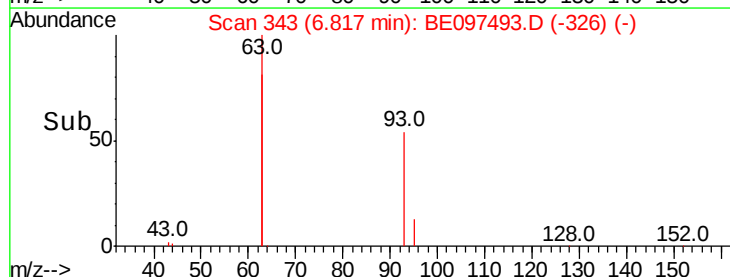
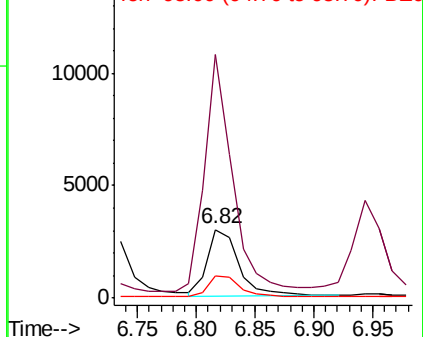
95 32.9 25.2 37.8

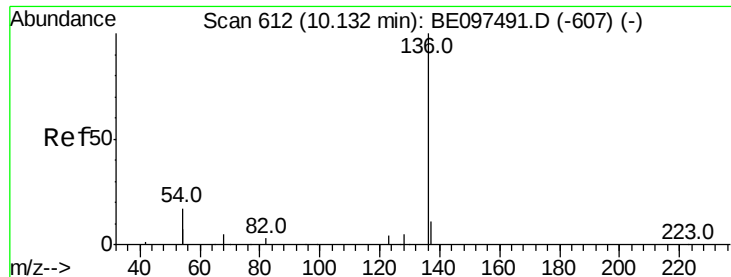


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 4639

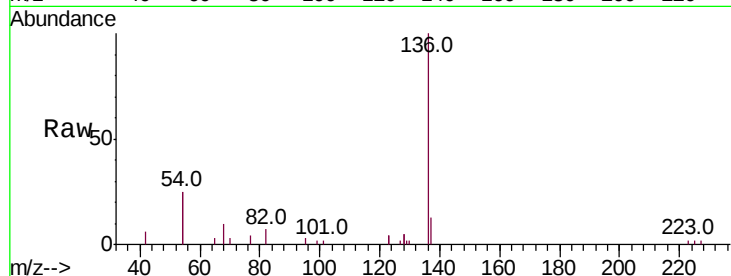
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 49.9 29.1 43.7#

68 10.4 6.2 9.2#

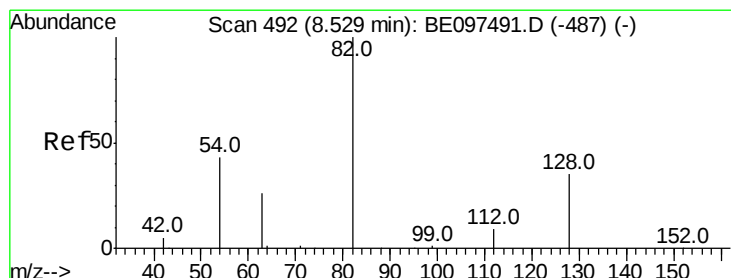
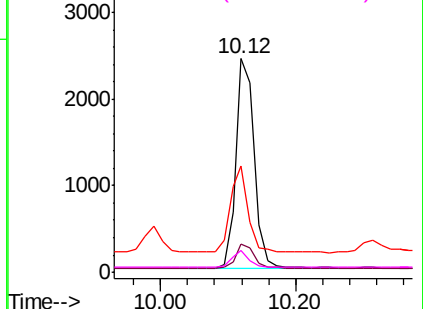
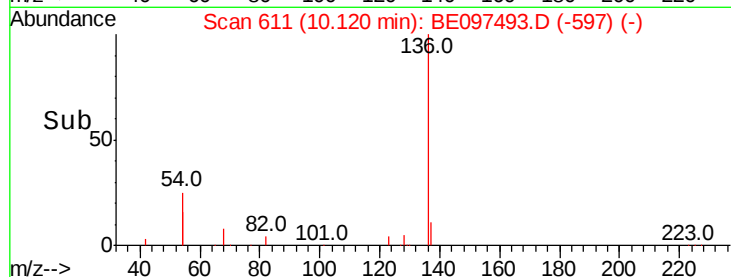


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 1.796 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.02 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

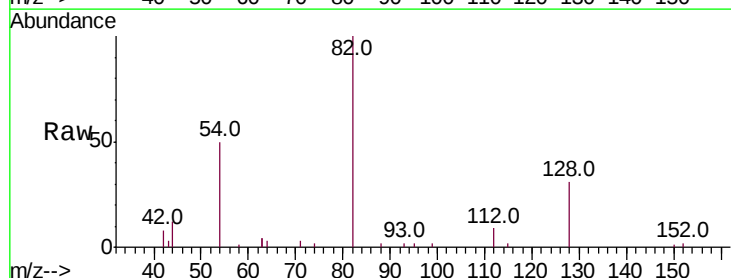
Tgt Ion: 82 Resp: 5972

Ion Ratio Lower Upper

82 100

128 31.0 24.0 36.0

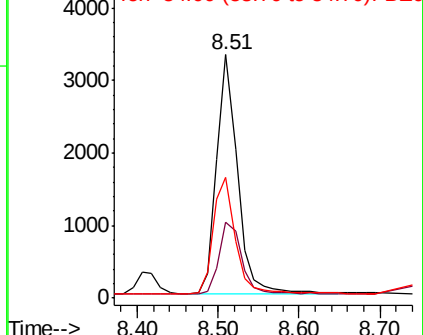
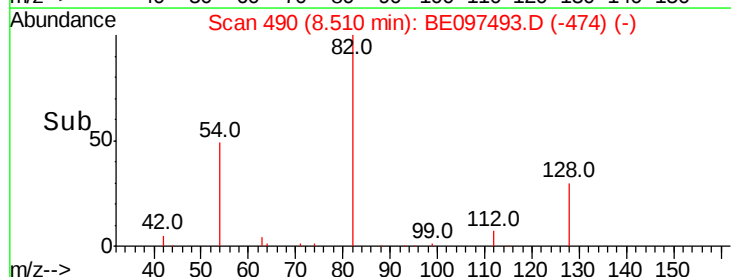
54 49.5 40.0 60.0

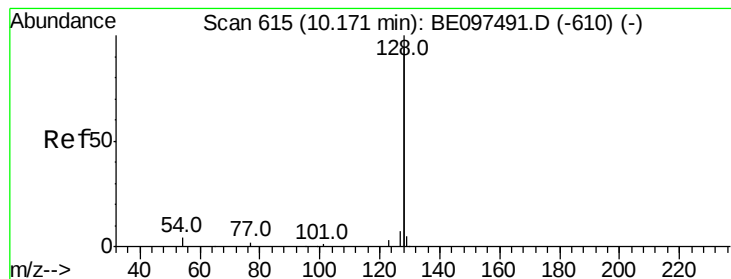


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.590 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

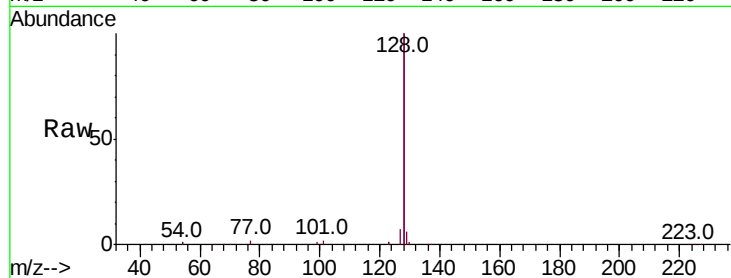
Tot Ion:128 Resp: 67155

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

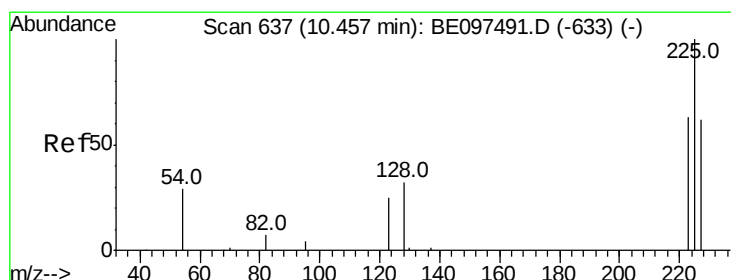
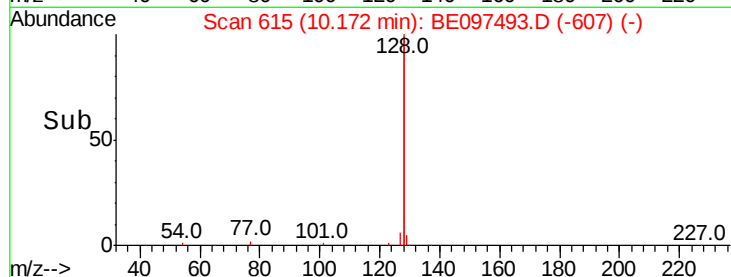
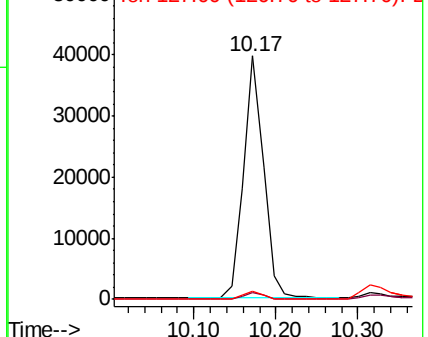
127 3.4 2.8 4.2



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: 1.626 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

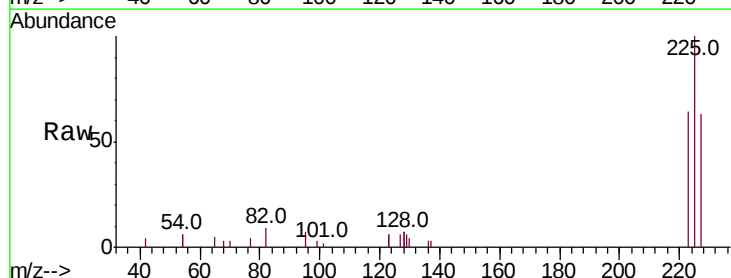
Tgt Ion:225 Resp: 3069

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

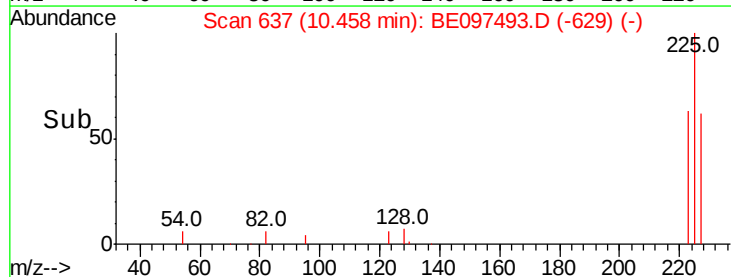
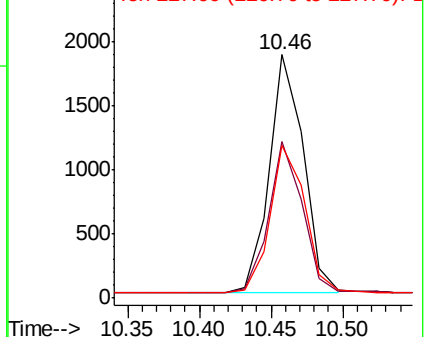
227 63.1 51.4 77.2

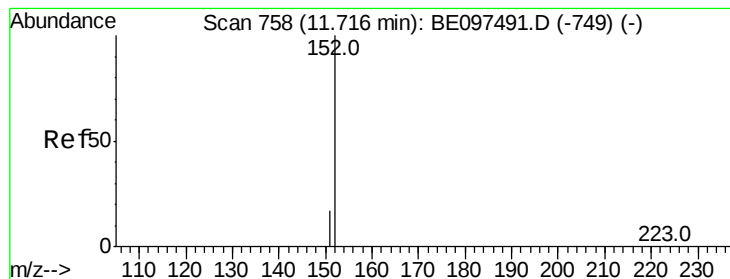


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.672 ng

RT: 11.71 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

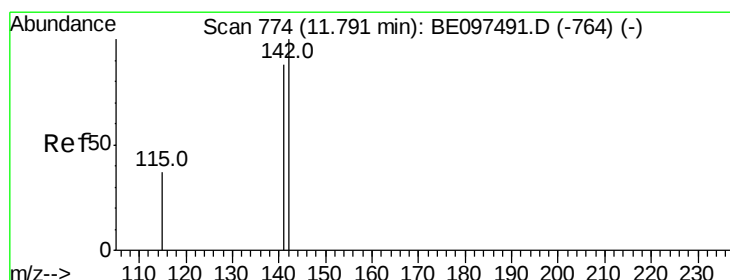
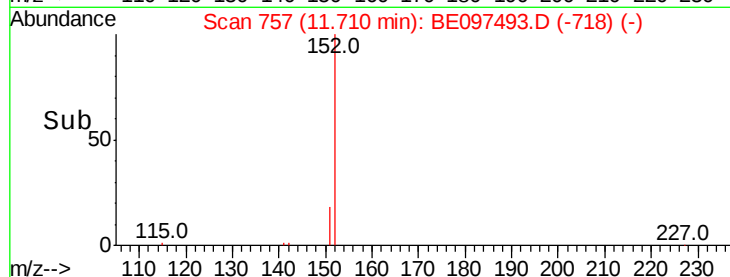
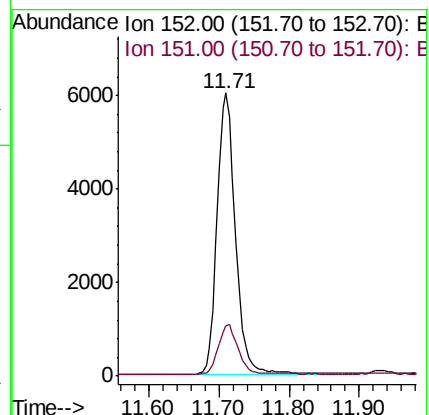
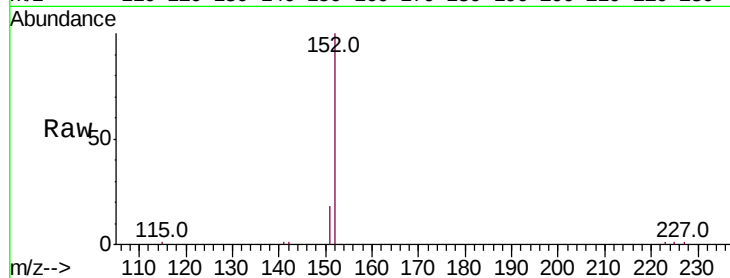
SSTDICC1.6

Tot Ion:152 Resp: 10813

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



#12

2-Methylnaphthalene

Concen: 1.659 ng

RT: 11.79 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

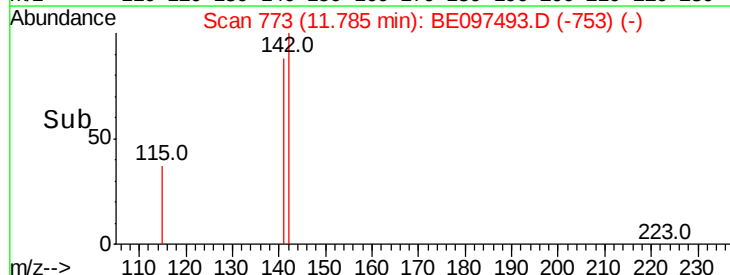
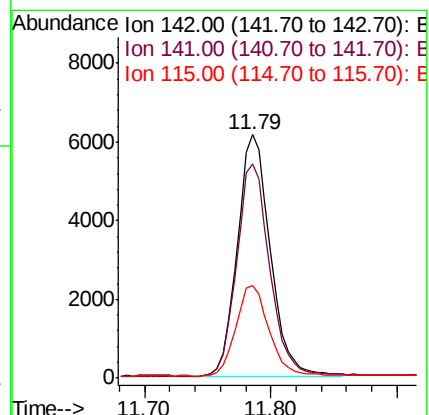
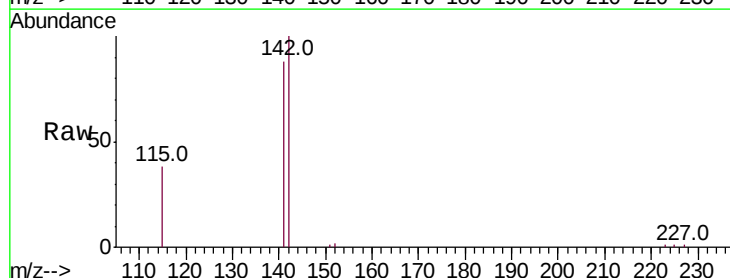
Tgt Ion:142 Resp: 11046

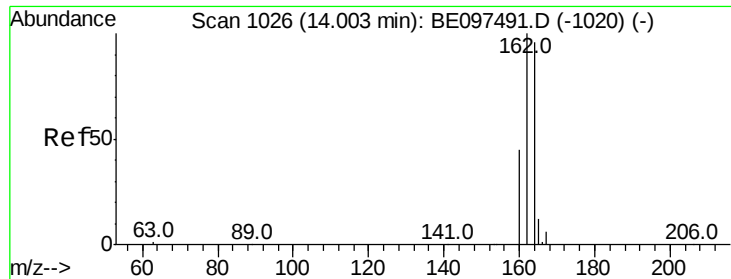
Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

115 37.9 31.7 47.5

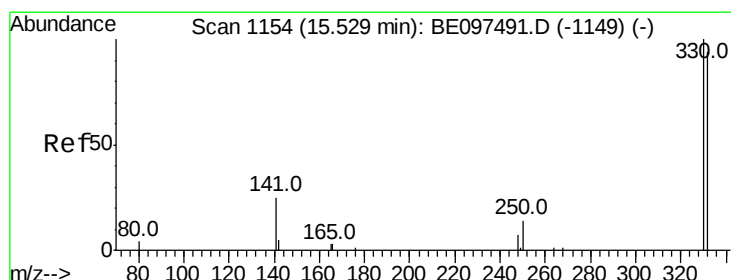
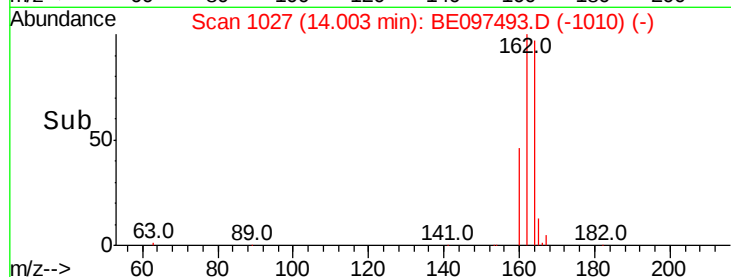
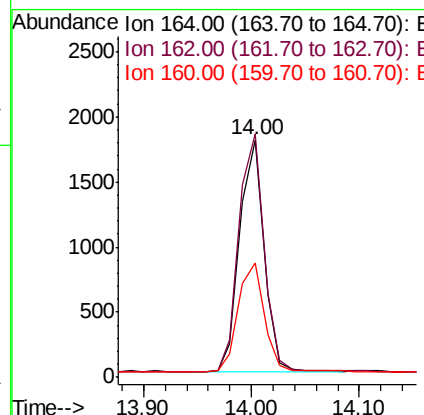
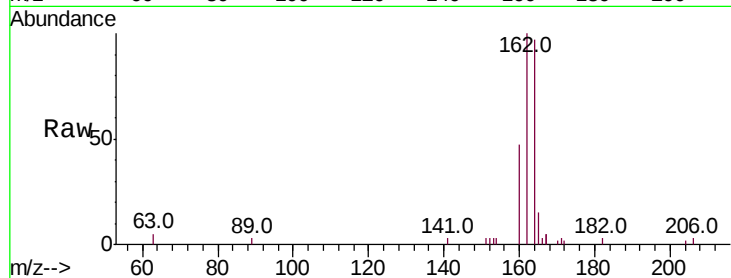




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097493.D
 Acq: 17 Sep 2018 12:34

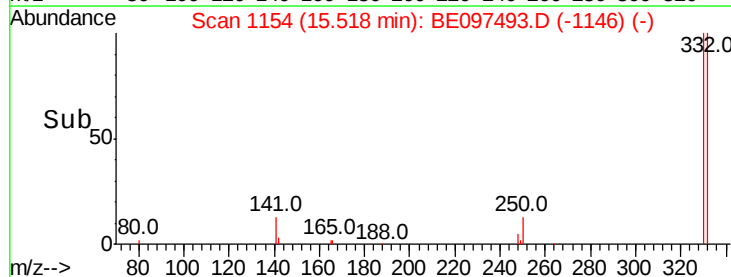
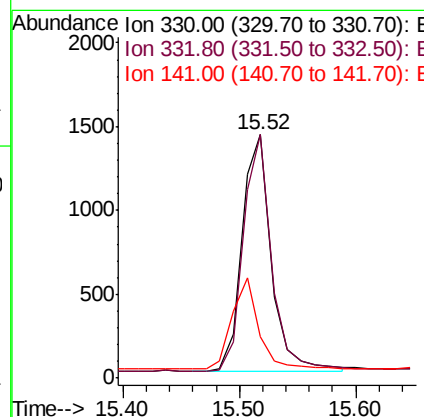
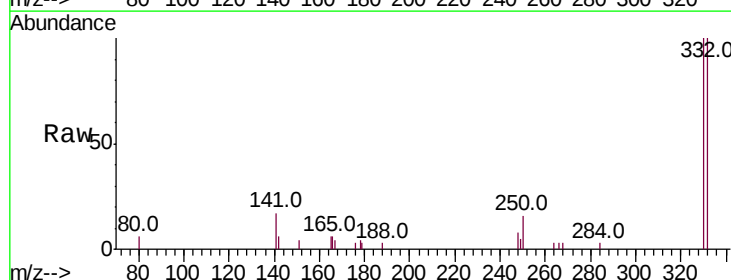
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

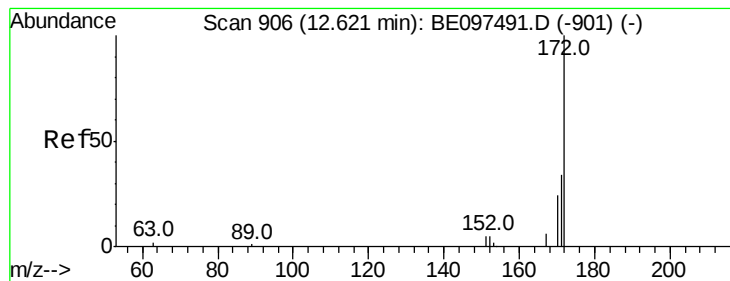
Tot Ion:164 Resp: 2758
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.1 124.7
 160 48.1 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 2.637 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BE097493.D
 Acq: 17 Sep 2018 12:34

Tgt Ion:330 Resp: 2460
 Ion Ratio Lower Upper
 330 100
 332 96.6 152.7 229.1#
 141 35.0 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 1.531 ng

RT: 12.61 min Scan# 906

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

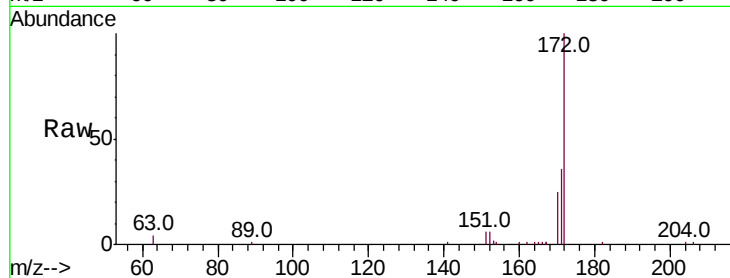
BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:172 Resp: 15496

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	24.7	21.8	32.8

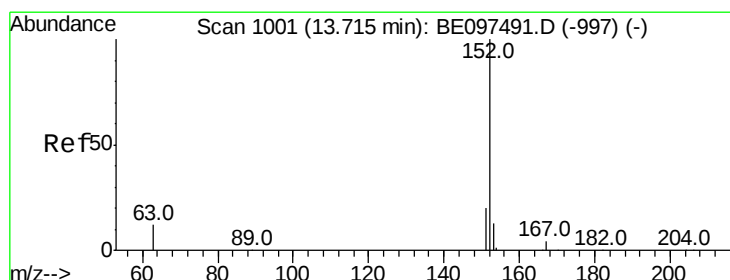
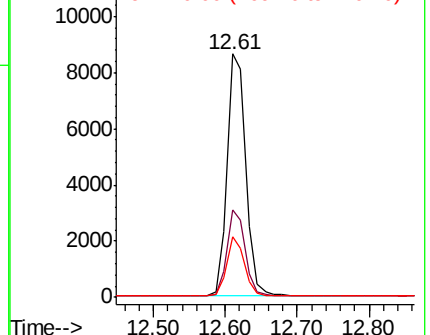
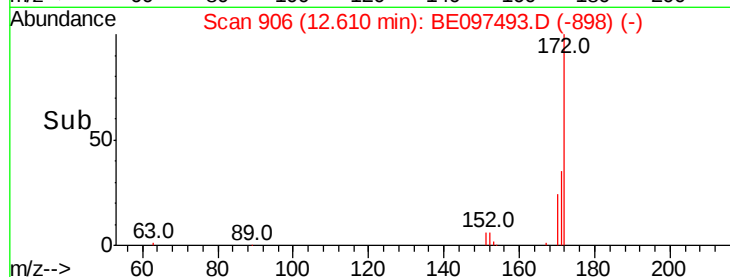


Abundance

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: 1.733 ng

RT: 13.72 min Scan# 1002

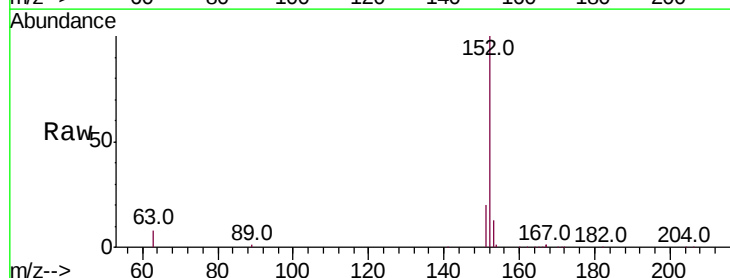
Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Tgt Ion:152 Resp: 19009

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7

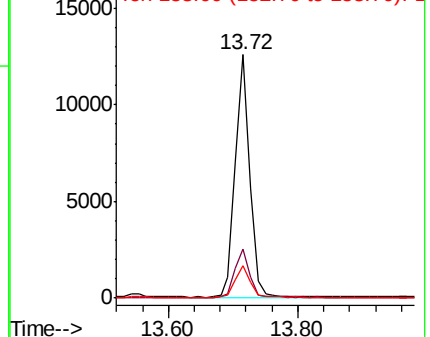
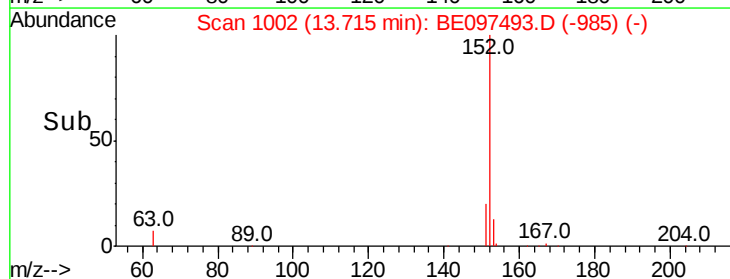


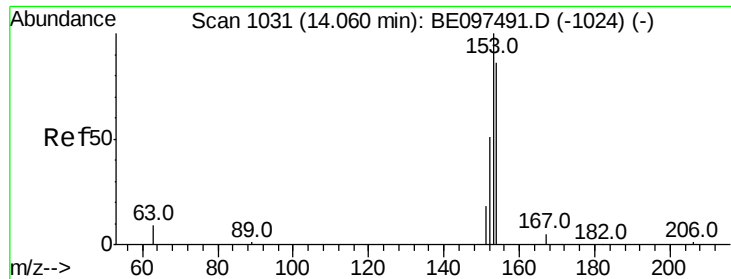
Abundance

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: 1.619 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

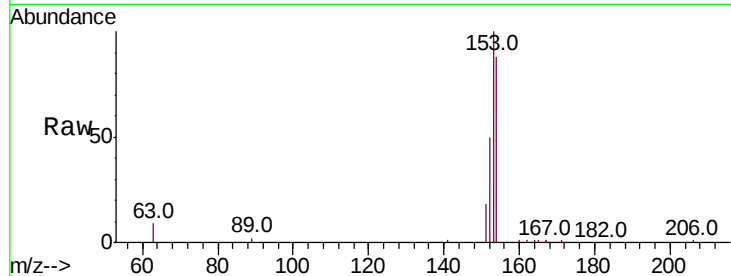
Tot Ion:154 Resp: 11839

Ion Ratio Lower Upper

154 100

153 113.2 89.2 133.8

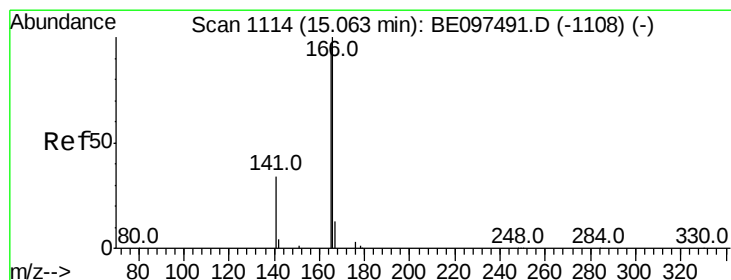
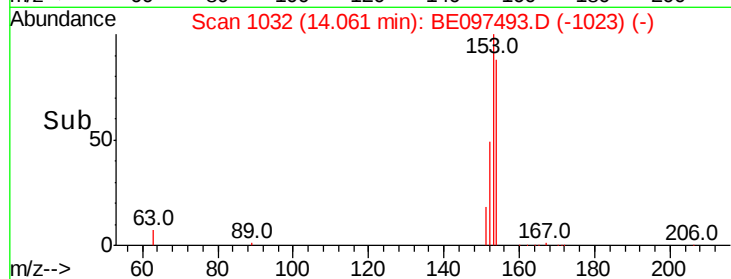
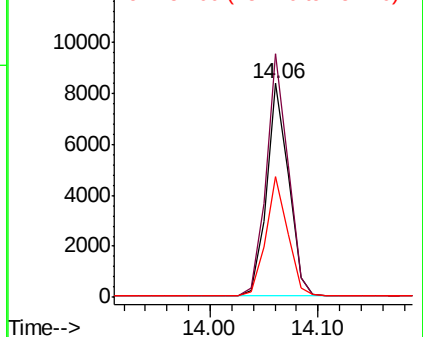
152 56.1 42.0 63.0



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: 1.642 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

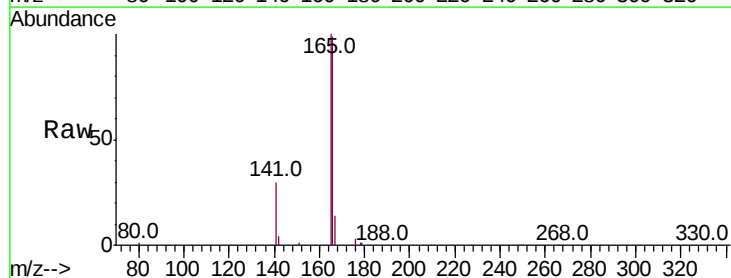
Tgt Ion:166 Resp: 15194

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

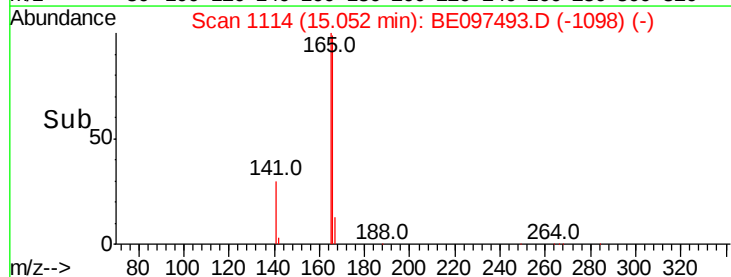
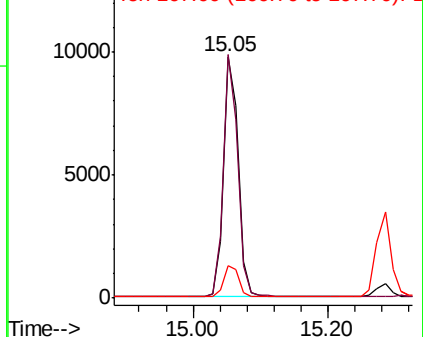
167 13.5 42.4 63.6#

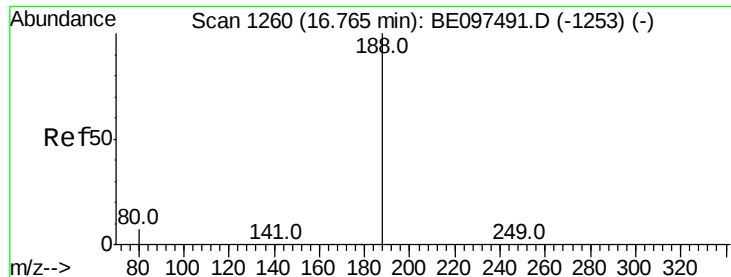


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

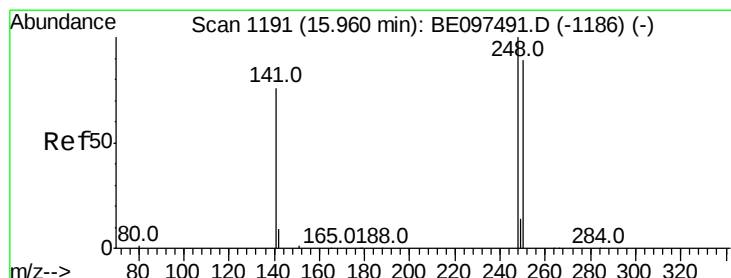
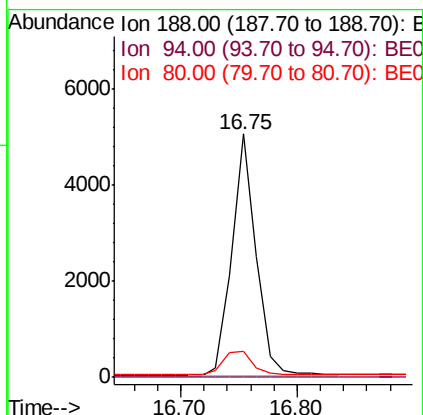
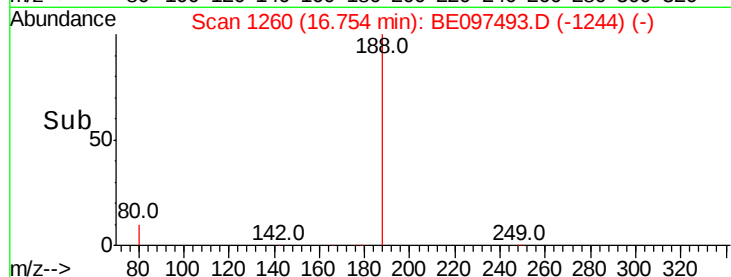
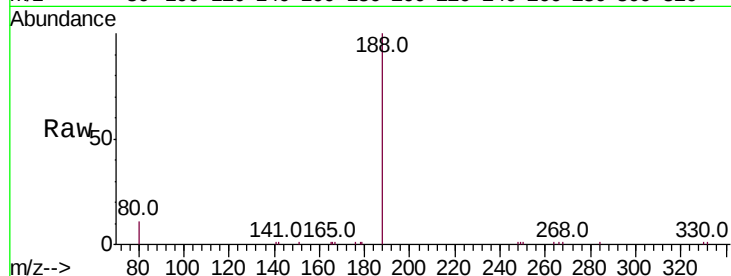
Tot Ion:188 Resp: 7192

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.9 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 1.694 ng

RT: 15.96 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

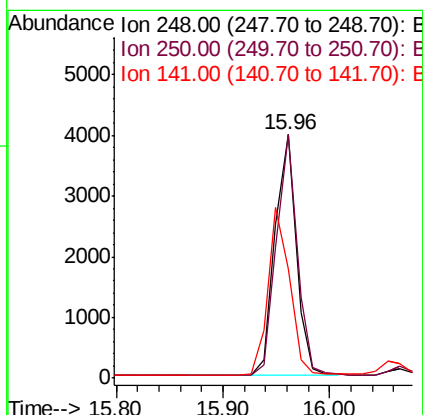
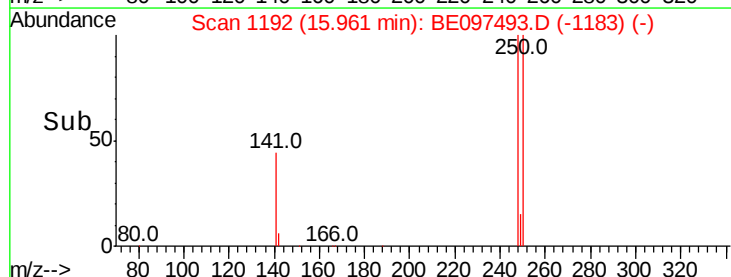
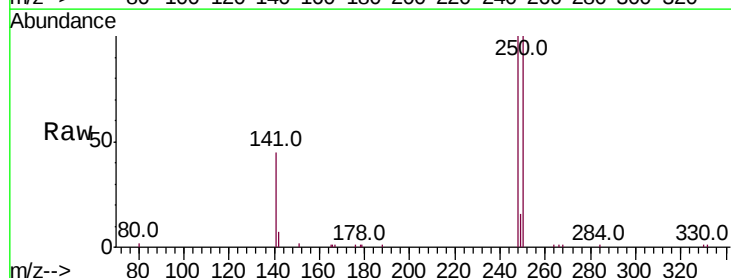
Tgt Ion:248 Resp: 5539

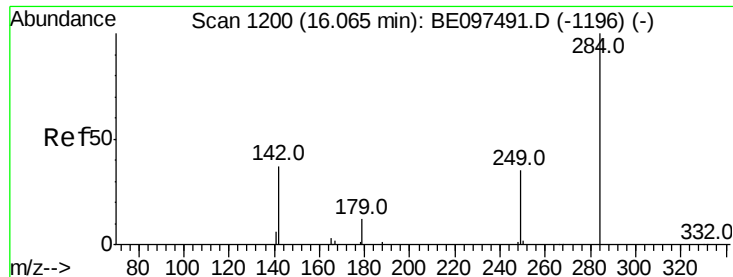
Ion Ratio Lower Upper

248 100

250 100.1 62.7 94.1#

141 45.0 48.2 72.2#





#21

Hexachlorobenzene

Concen: 1.618 ng

RT: 16.07 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

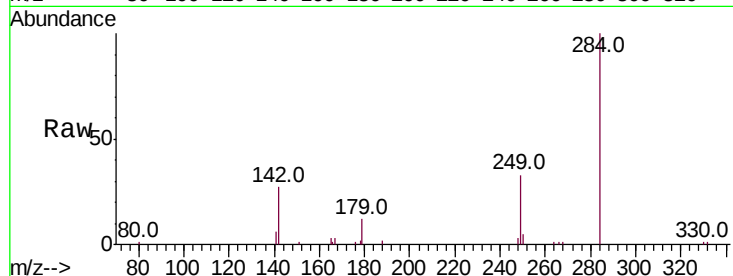
Tot Ion:284 Resp: 5852

Ion Ratio Lower Upper

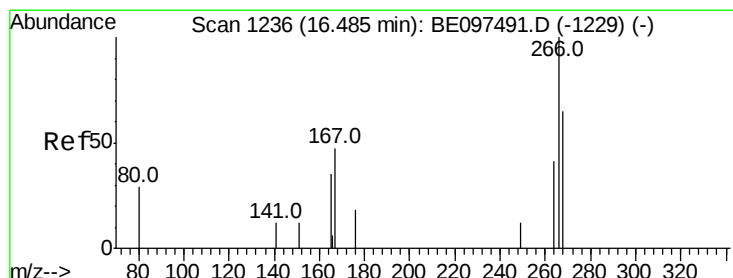
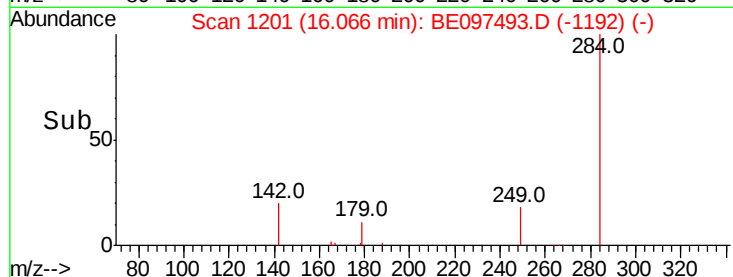
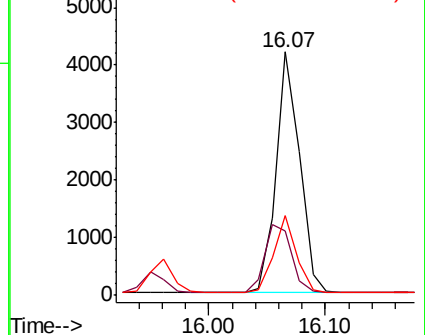
284 100

142 32.5 22.1 33.1

249 30.5 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: 1.022 ng

RT: 16.45 min Scan# 1234

Delta R.T. -0.03 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

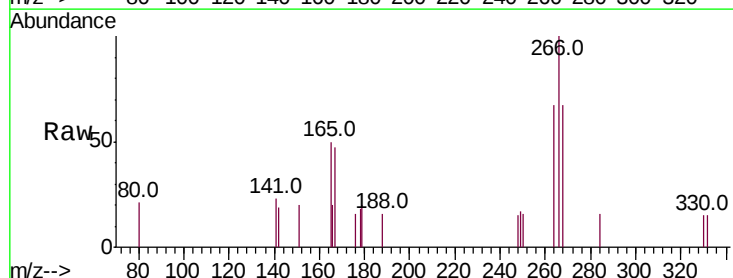
Tgt Ion:266 Resp: 1013

Ion Ratio Lower Upper

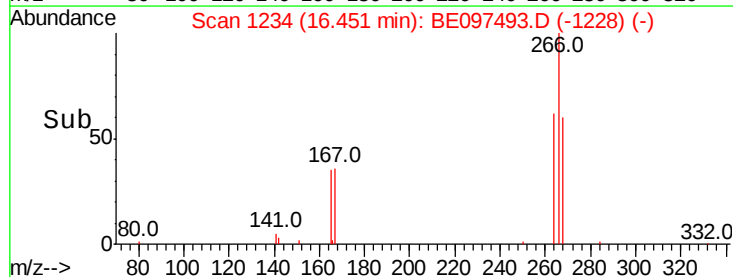
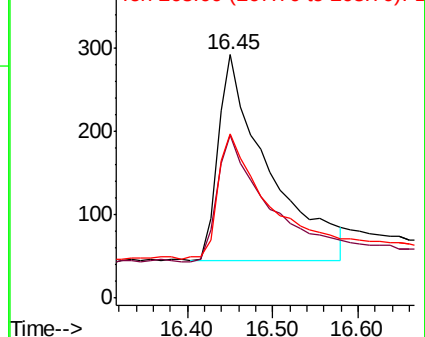
266 100

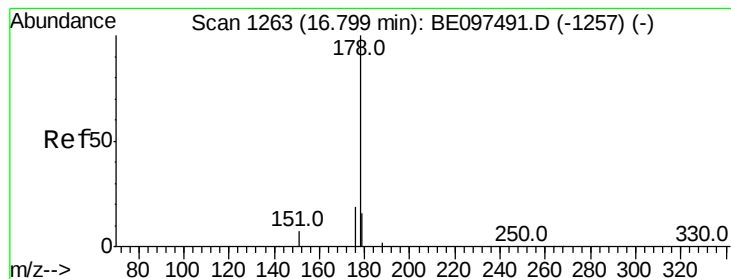
264 67.1 72.5 108.7#

268 67.5 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: 1.600 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

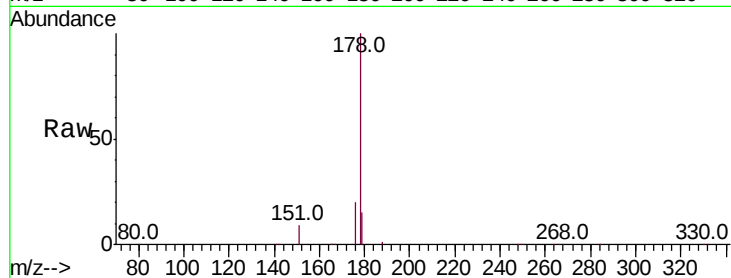
Tot Ion:178 Resp: 27396

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

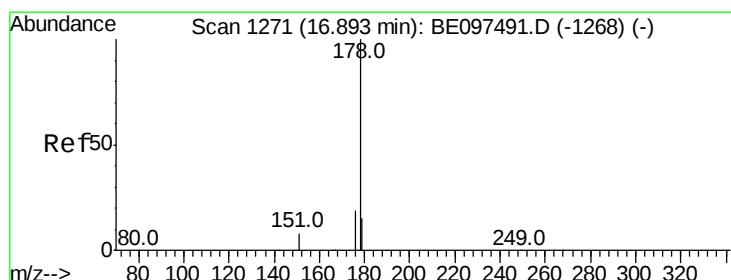
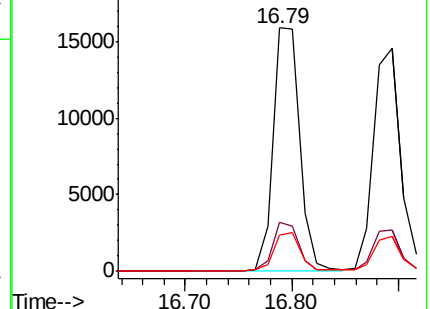
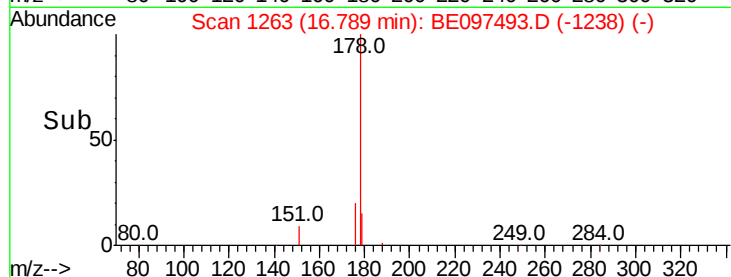
179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.763 ng

RT: 16.89 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

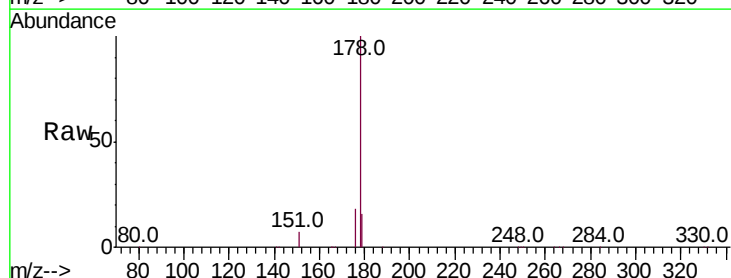
Tgt Ion:178 Resp: 25680

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

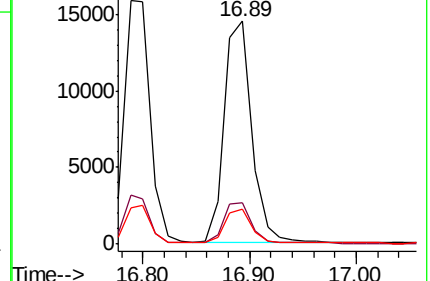
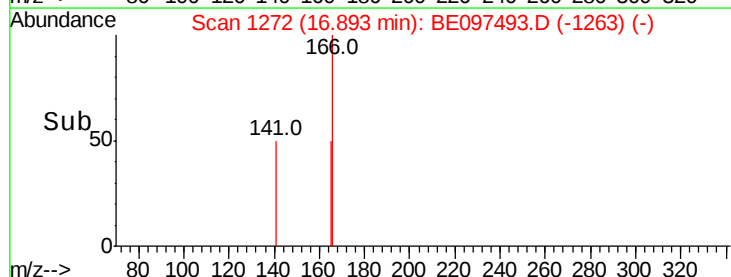
179 15.1 13.0 19.6

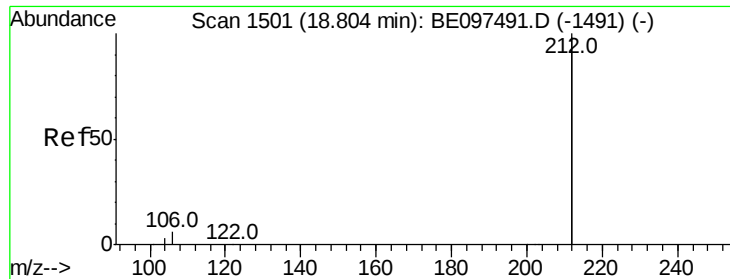


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.691 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

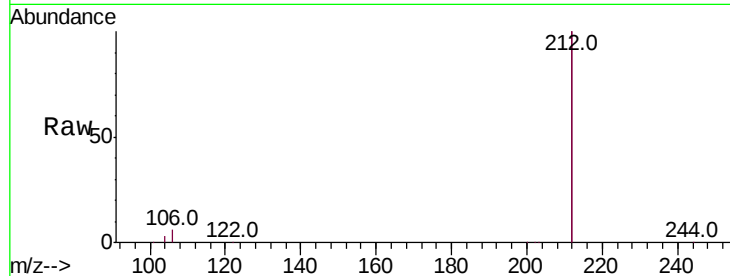
Tot Ion:212 Resp: 139541

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

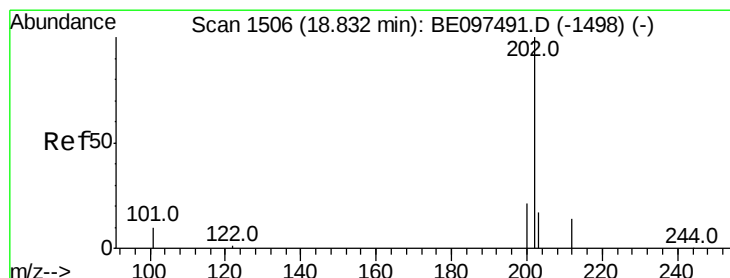
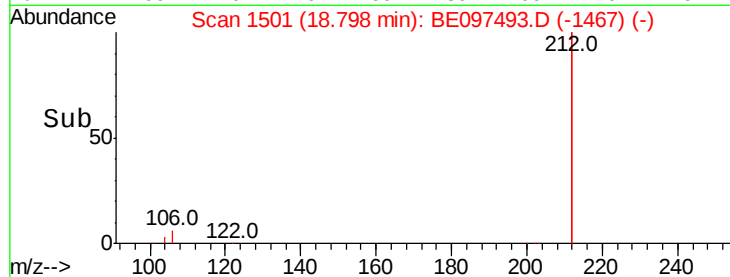
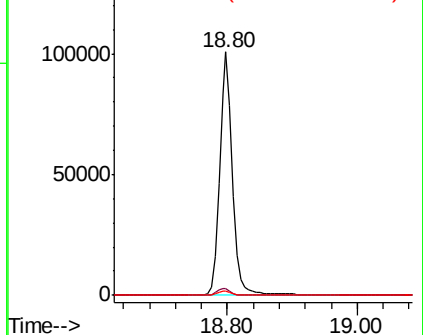
104 1.7 1.6 2.4



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: 1.676 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

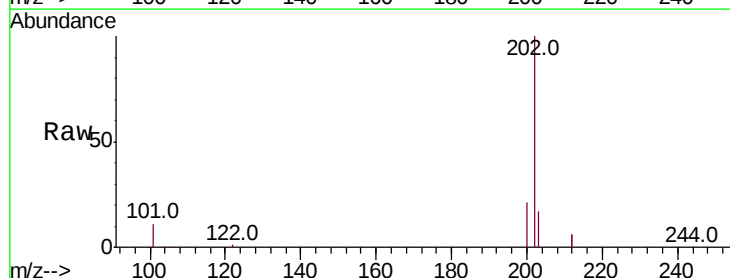
Tgt Ion:202 Resp: 35959

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

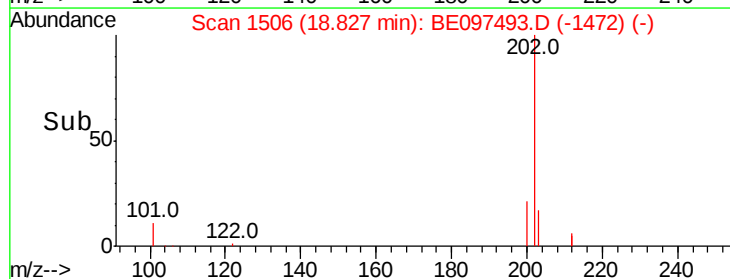
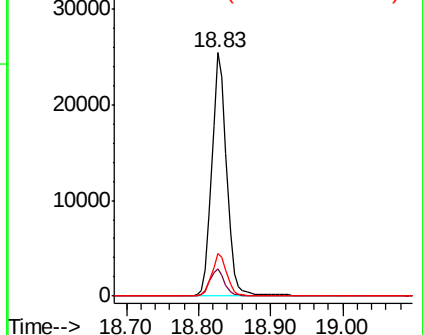
203 17.4 13.7 20.5

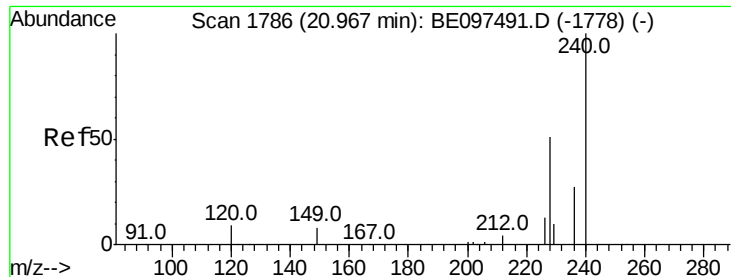


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

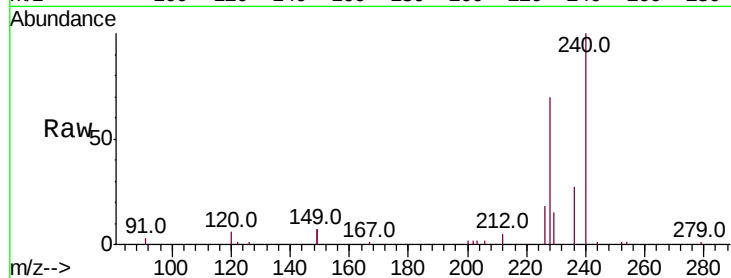
Tot Ion:240 Resp: 9426

Ion Ratio Lower Upper

240 100

120 6.5 5.5 8.3

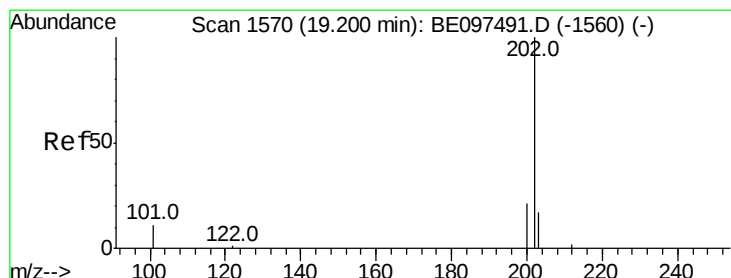
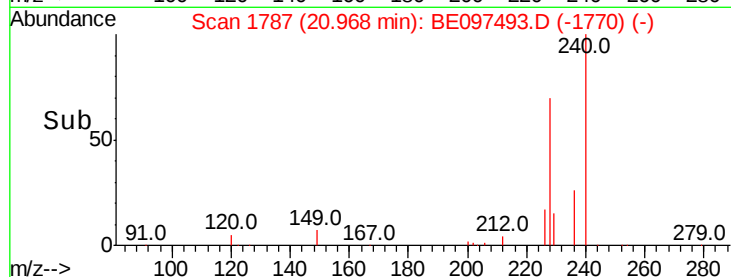
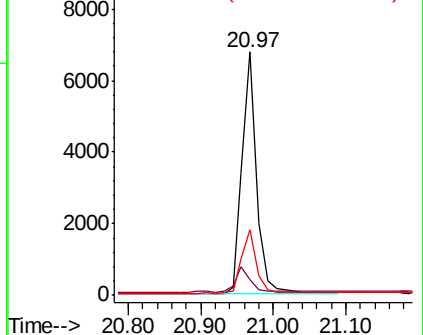
236 26.9 20.7 31.1



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: 1.683 ng

RT: 19.19 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

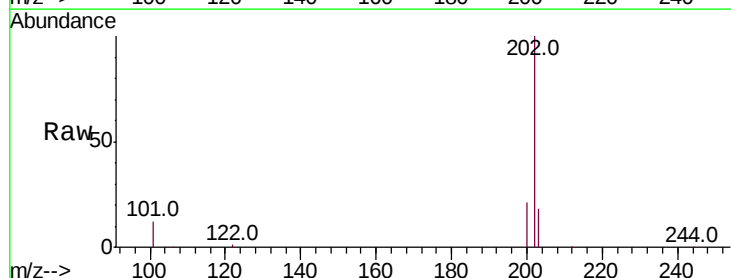
Tgt Ion:202 Resp: 37757

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

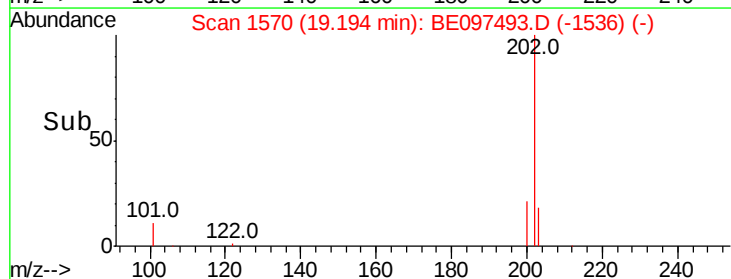
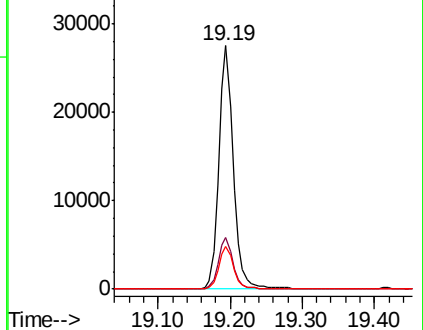
203 17.6 13.8 20.8

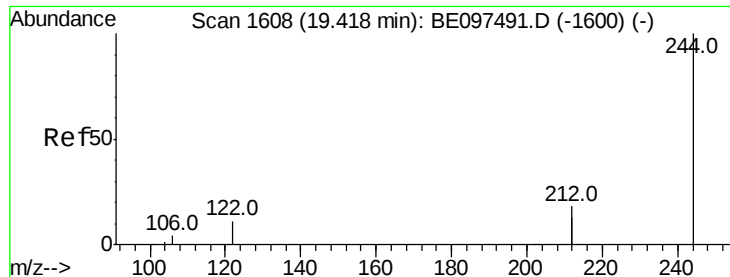


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.640 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

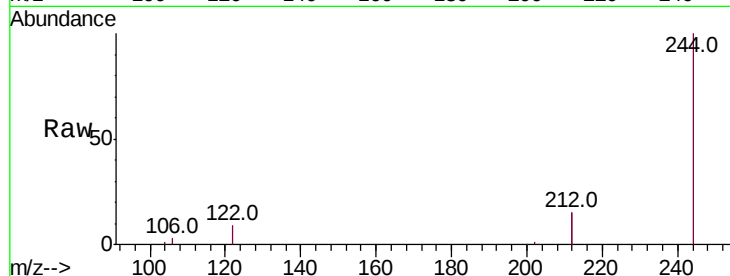
Tot Ion:244 Resp: 28525

Ion Ratio Lower Upper

244 100

212 29.4 25.4 38.0

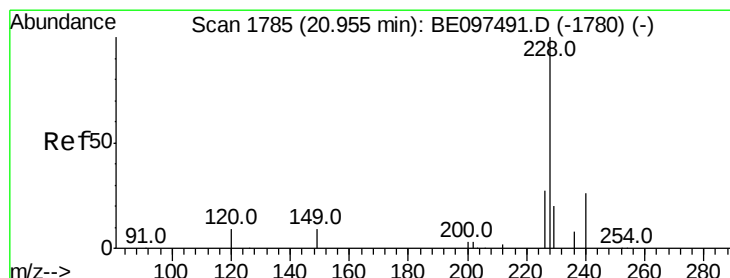
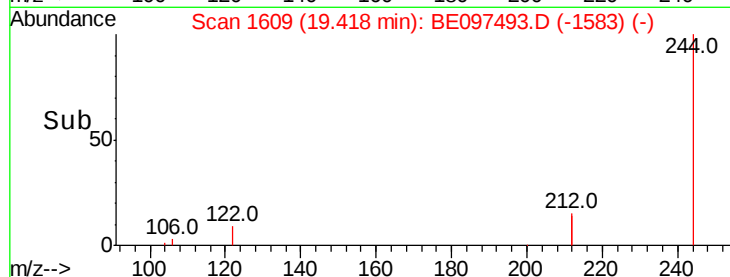
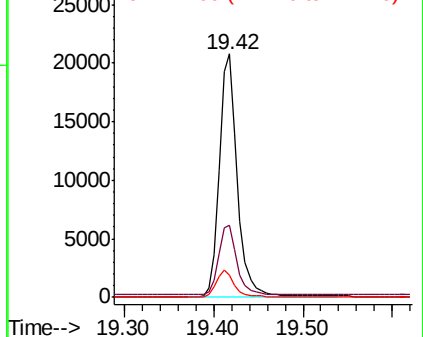
122 9.2 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.643 ng

RT: 20.94 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

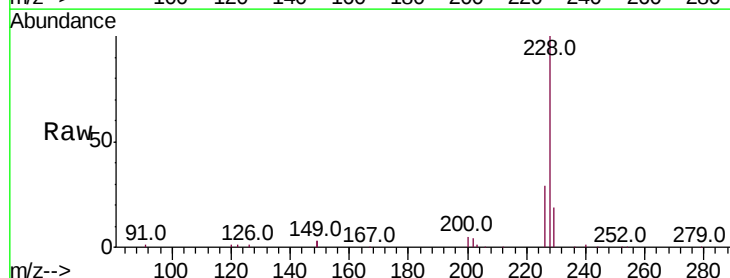
Tgt Ion:228 Resp: 39181

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

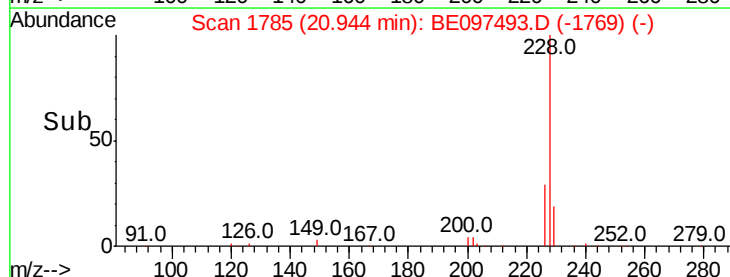
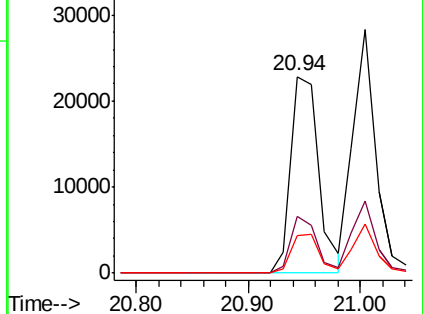
229 19.2 16.0 24.0

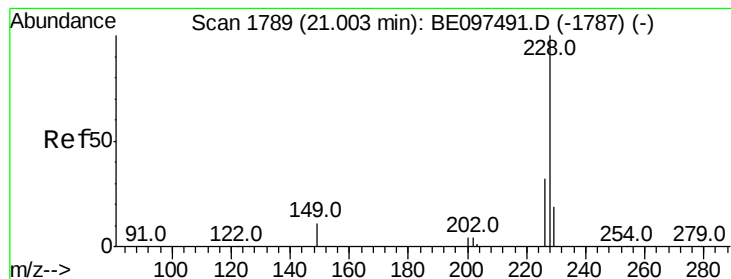


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

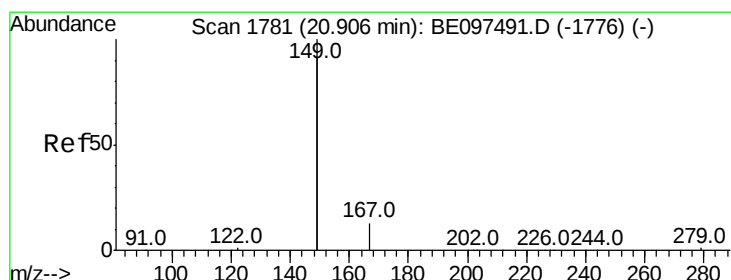
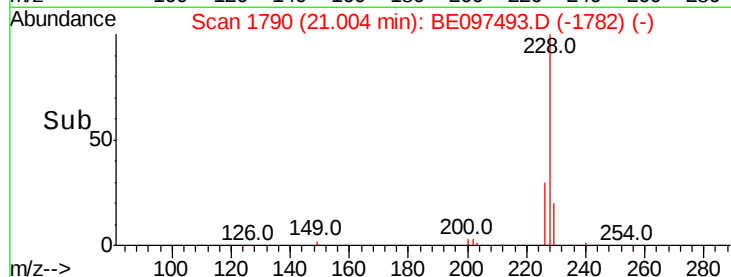
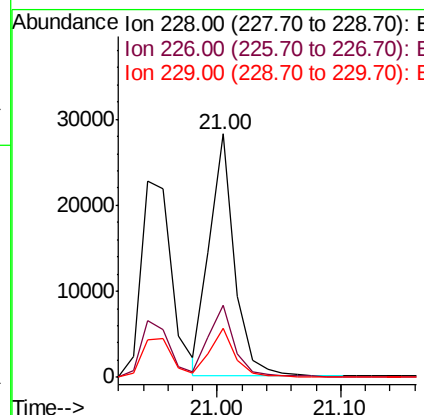
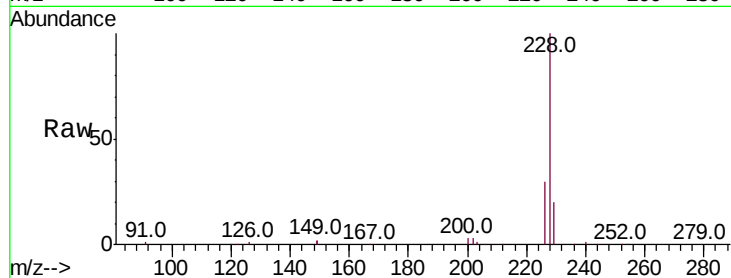




#31
 Chrysene
 Concen: 1.547 ng
 RT: 21.00 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BE097493.D
 Acq: 17 Sep 2018 12:34

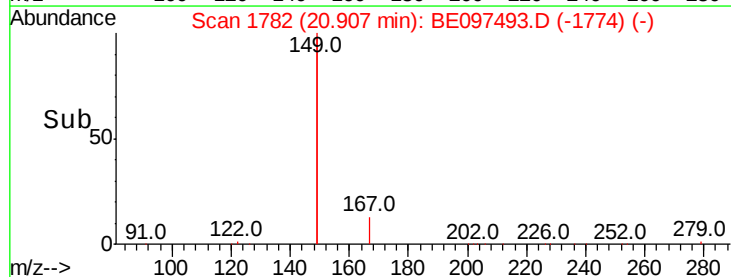
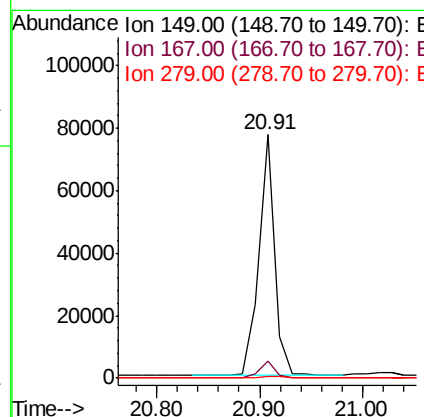
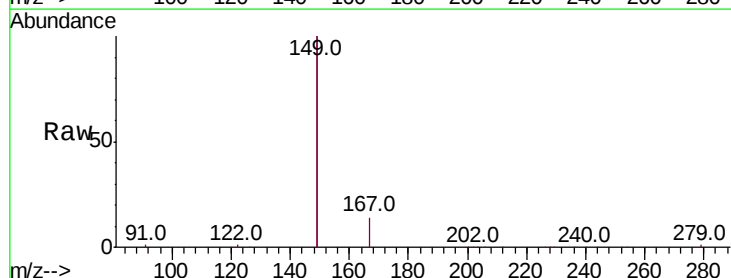
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

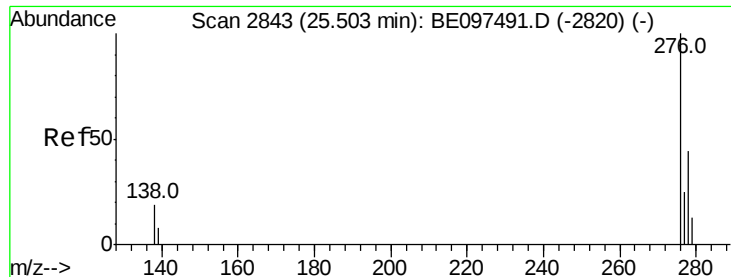
Tot Ion:228 Resp: 39711
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 19.9 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.592 ng
 RT: 20.91 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097493.D
 Acq: 17 Sep 2018 12:34

Tgt Ion:149 Resp: 83096
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.0 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.296 ng

RT: 25.49 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

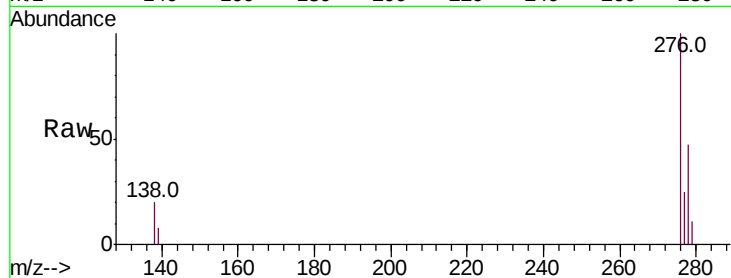
Tot Ion:276 Resp: 47212

Ion Ratio Lower Upper

276 100

138 20.3 22.5 33.7#

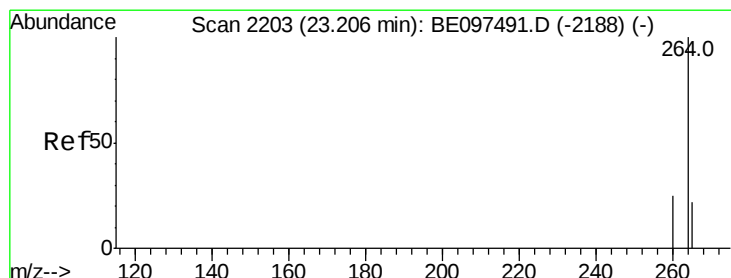
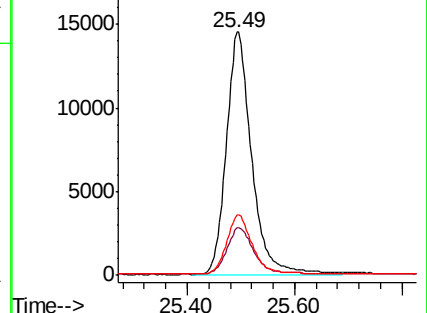
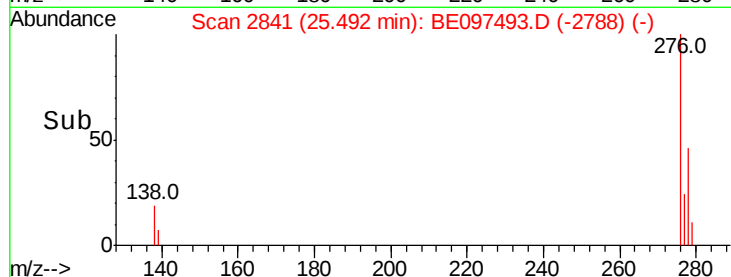
277 25.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

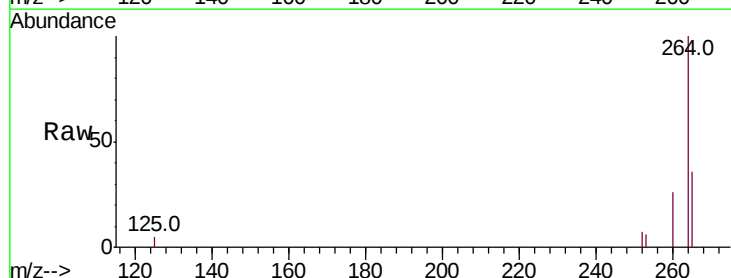
Tgt Ion:264 Resp: 9133

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

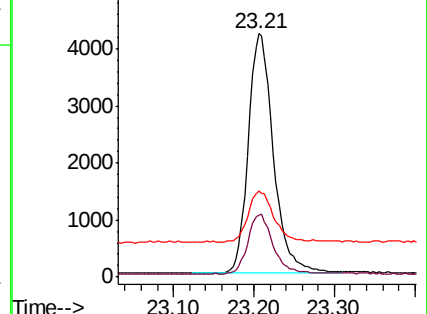
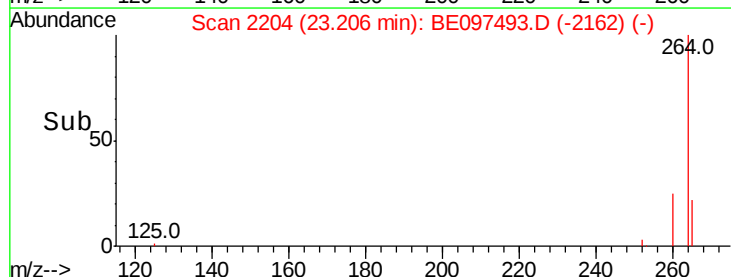
265 35.6 22.8 34.2#

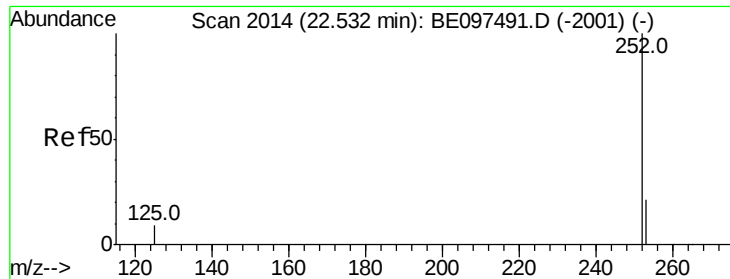


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

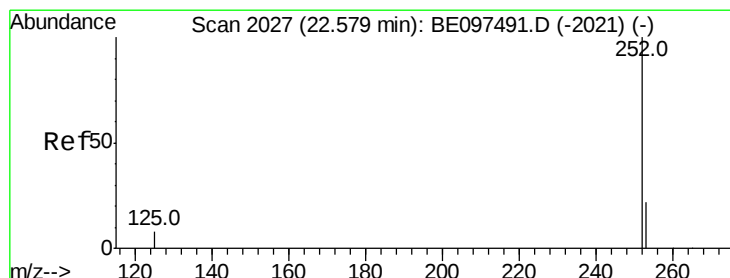
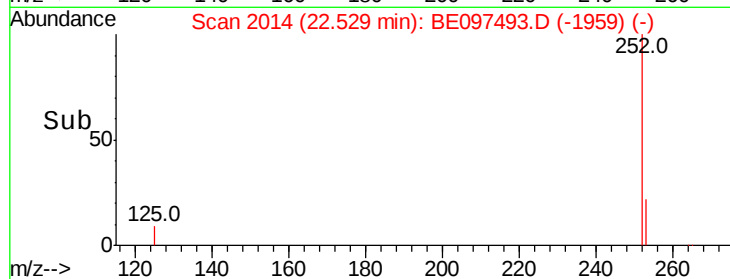
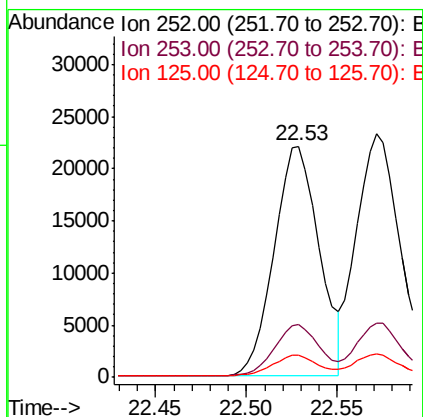
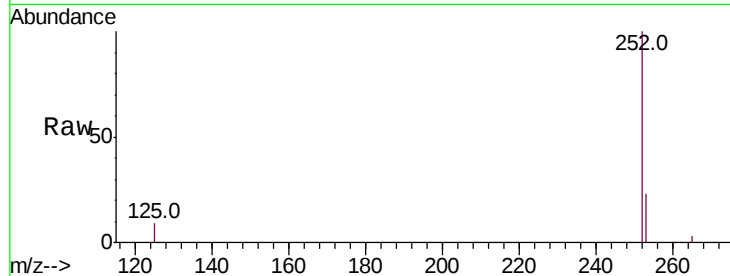




#35
Benzo(b)fluoranthene
Concen: 1.448 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097493.D
Acq: 17 Sep 2018 12:34

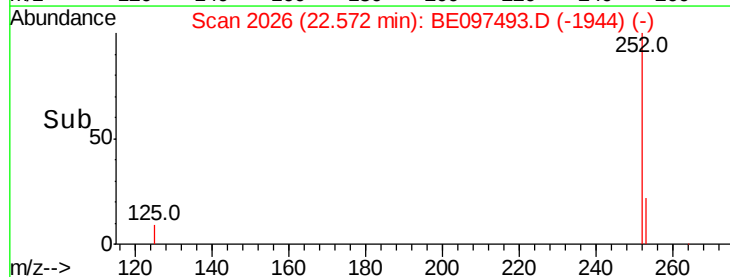
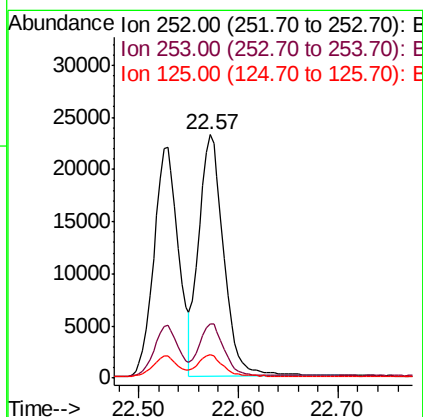
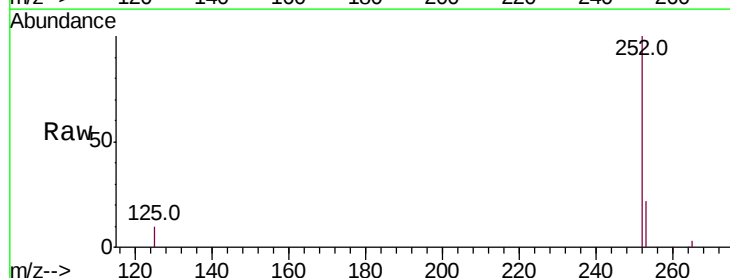
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

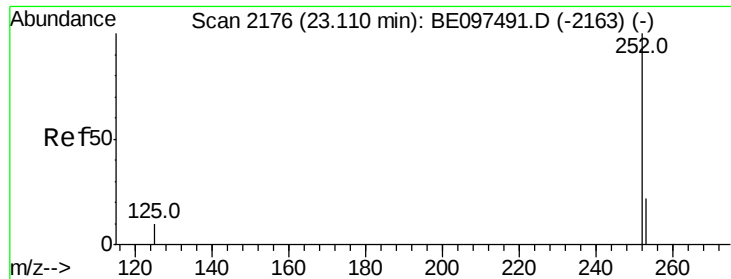
Tot Ion:252 Resp: 37825
Ion Ratio Lower Upper
252 100
253 22.6 20.0 30.0
125 9.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 1.395 ng
RT: 22.57 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE097493.D
Acq: 17 Sep 2018 12:34

Tgt Ion:252 Resp: 40260
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 9.7 8.0 12.0

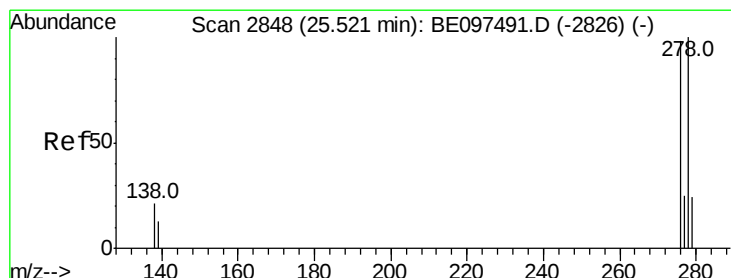
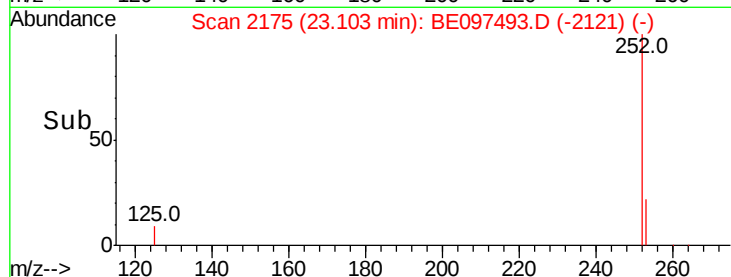
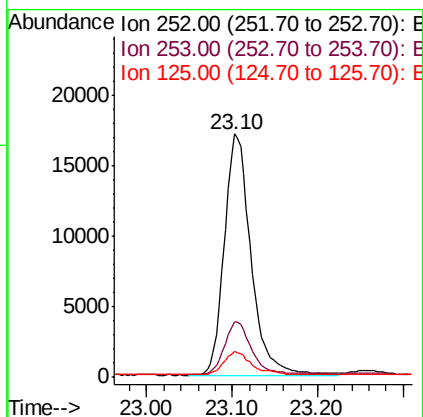
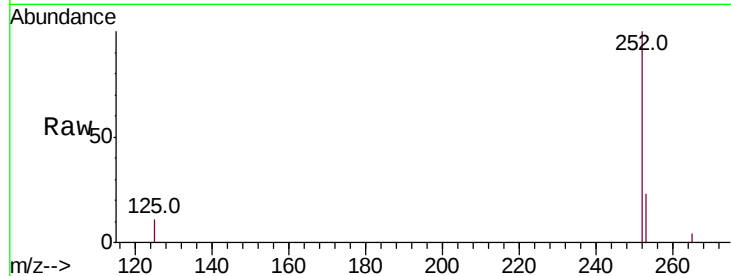




#37
Benzo(a)pyrene
Concen: 1.576 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097493.D
Acq: 17 Sep 2018 12:34

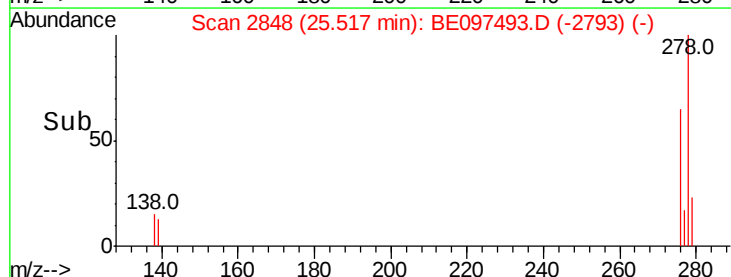
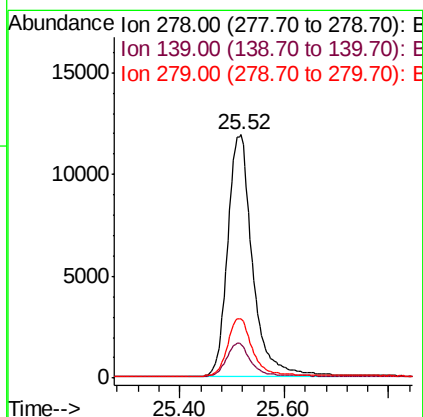
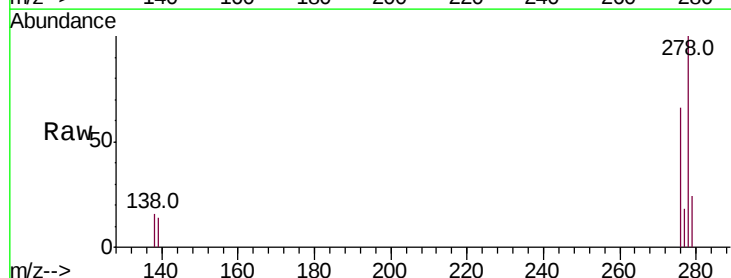
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

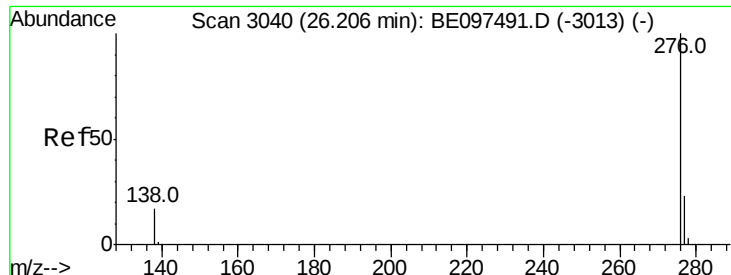
Tot Ion:252 Resp: 37128
Ion Ratio Lower Upper
252 100
253 22.7 16.0 24.0
125 10.5 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 1.276 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BE097493.D
Acq: 17 Sep 2018 12:34

Tgt Ion:278 Resp: 39511
Ion Ratio Lower Upper
278 100
139 13.8 16.0 24.0#
279 24.1 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 1.223 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.01 min

Lab File: BE097493.D

Acq: 17 Sep 2018 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

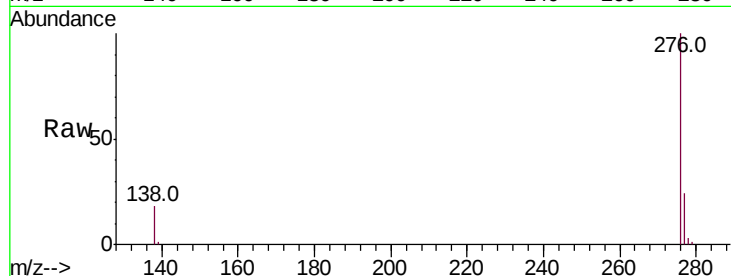
Tot Ion:276 Resp: 39099

Ion Ratio Lower Upper

276 100

277 24.2 16.0 24.0#

138 17.8 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

