

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097978.D
 Acq On : 18 Oct 2018 15:34
 Operator : SJ/JU
 Sample : J5521-06DL 100X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:08:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2238	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	11194	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8169	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	20976	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	23429	0.40	ng	-0.01
34) Perylene-d12	24.03	264	22891	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	55	0.01	ng	-0.01
5) Phenol-d6	7.06	99	105	0.01	ng	0.00
8) Nitrobenzene-d5	9.04	82	63	0.01	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	84	0.00	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	47	0.01	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	180	0.01	ng	0.00
25) Fluoranthene-d10	19.32	212	898	0.00	ng	-0.01
29) Terphenyl-d14	19.91	244	628	0.01	ng	-0.02

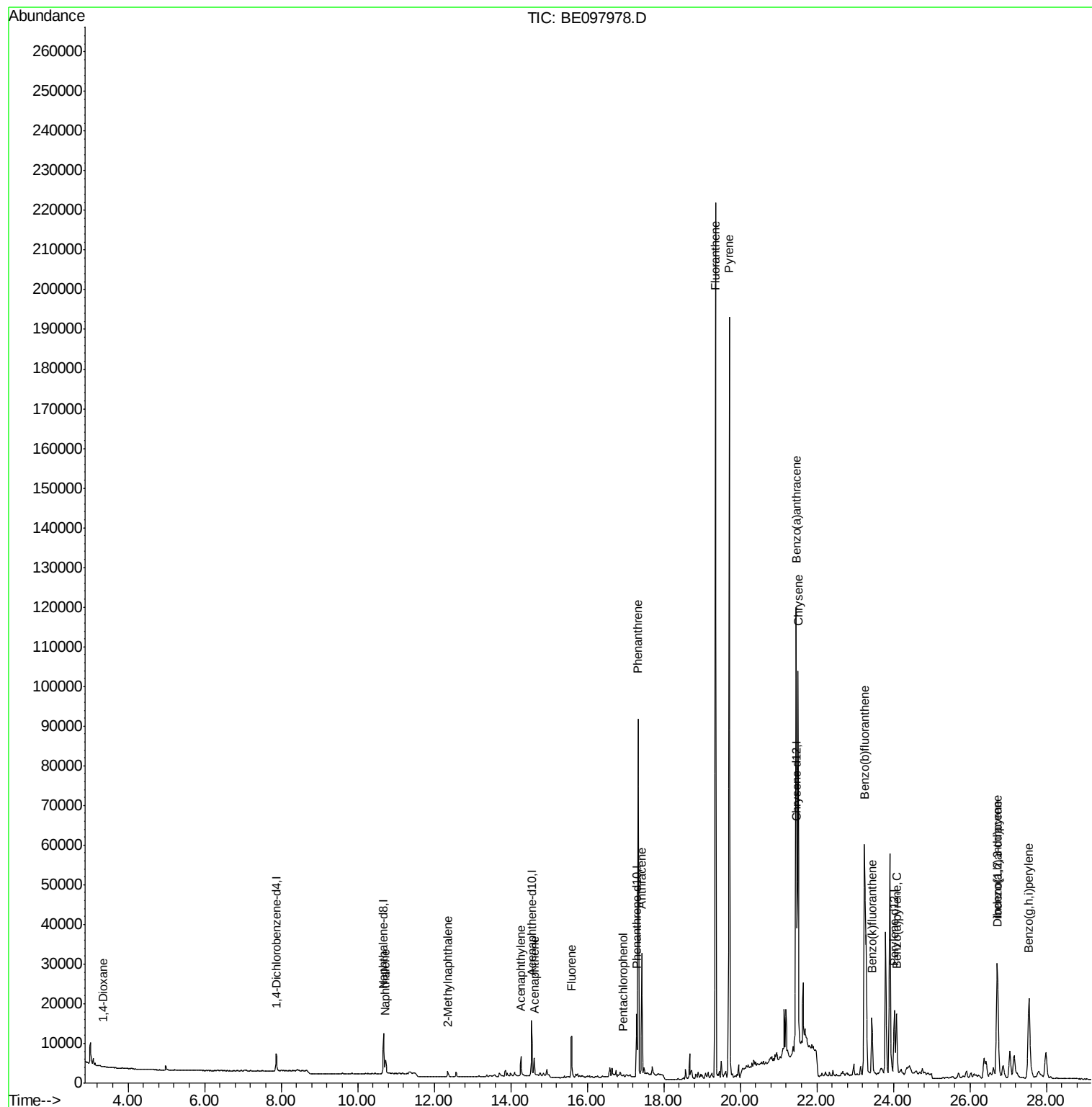
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	87	0.022	ng	# 13
9) Naphthalene	10.73	128	5663	0.051	ng	# 96
12) 2-Methylnaphthalene	12.35	142	1005	0.053	ng	# 87
16) Acenaphthylene	14.27	152	6786	0.180	ng	96
17) Acenaphthene	14.61	154	2657	0.115	ng	99
18) Fluorene	15.59	166	8784	0.277	ng	99
22) Pentachlorophenol	16.93	266	6	0.032	ng	# 59
23) Phenanthrene	17.33	178	97906	1.837	ng	100
24) Anthracene	17.42	178	32054	0.637	ng	98
26) Fluoranthene	19.35	202	199950	2.859	ng	98
28) Pyrene	19.71	202	170596	2.524	ng	# 95
30) Benzo(a)anthracene	21.46	228	116330	1.619	ng	99
31) Chrysene	21.51	228	85486	1.256	ng	99
32) Bis(2-ethylhexyl)phthalate	21.38	149	2799	Below Cal		98
33) Indeno(1,2,3-cd)pyrene	26.72	276	56243	0.891	ng	96
35) Benzo(b)fluoranthene	23.25	252	116376	1.767	ng	# 90
36) Benzo(k)fluoranthene	23.44	252	22558	0.329	ng	95
37) Benzo(a)pyrene	24.08	252	19781	0.308	ng	97
38) Dibenzo(a,h)anthracene	26.73	278	13950	0.222	ng	95
39) Benzo(g,h,i)perylene	27.54	276	53598	0.832	ng	93

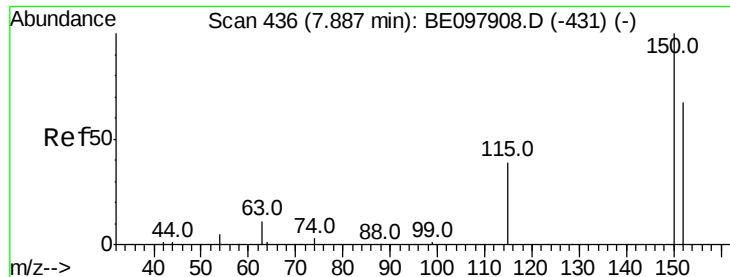
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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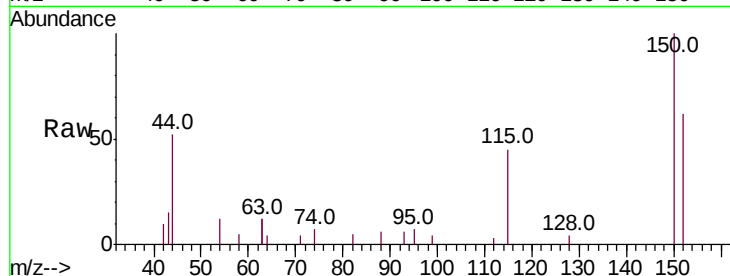


#1

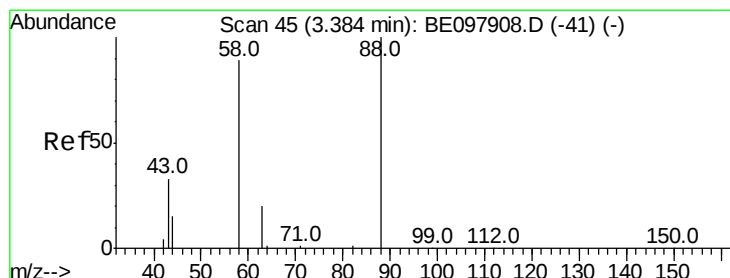
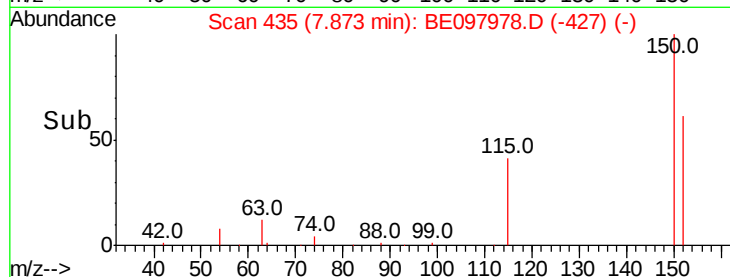
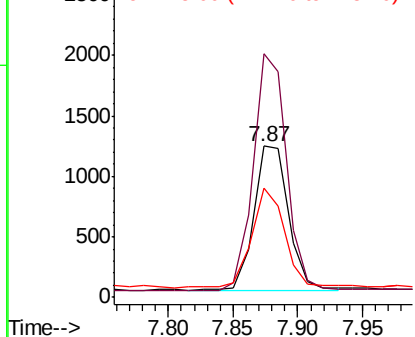
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2238
Ion Ratio Lower Upper
152 100
150 161.2 118.2 177.4
115 72.4 50.9 76.3



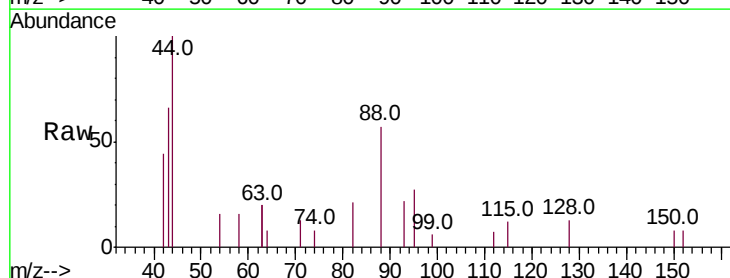
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



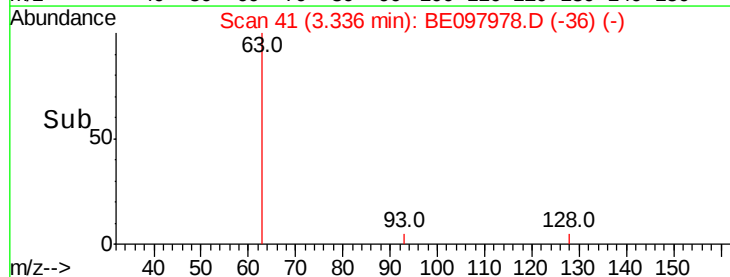
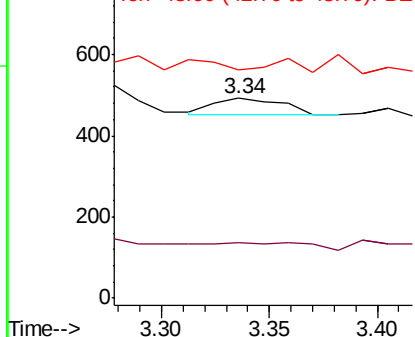
#2

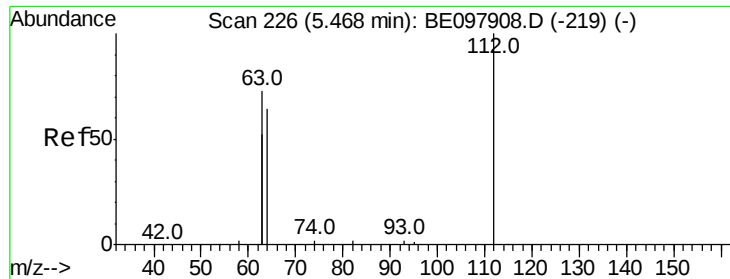
1,4-Dioxane
Concen: 0.022 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.05 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

Tgt Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
58 0.0 73.2 109.8#
43 0.0 36.9 55.3#



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





#4

2-Fluorophenol

Concen: 0.008 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

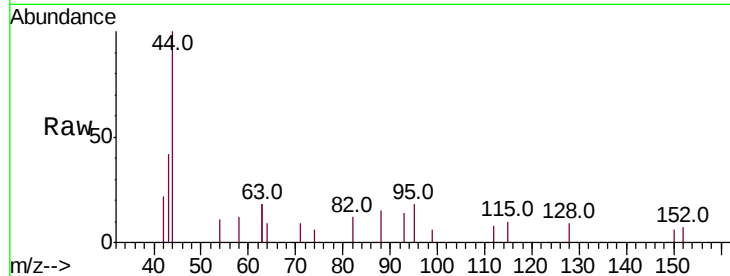
Tot Ion:112 Resp: 55

Ion Ratio Lower Upper

112 100

64 76.4 58.9 88.3

63 178.2 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

500

400

300

200

100

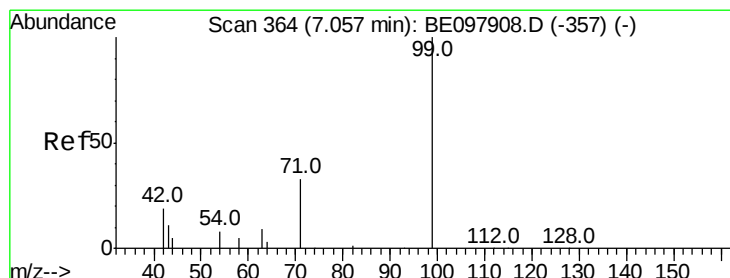
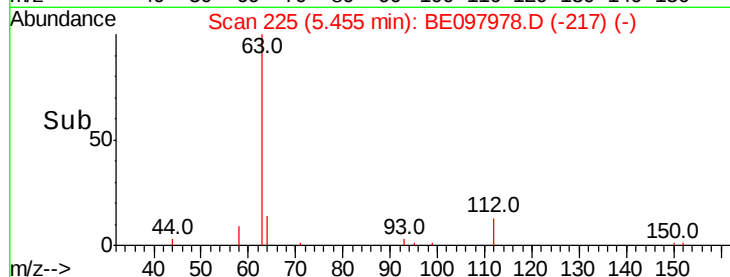
0

5.40

5.45

5.50

Time-->



#5

Phenol-d6

Concen: 0.010 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

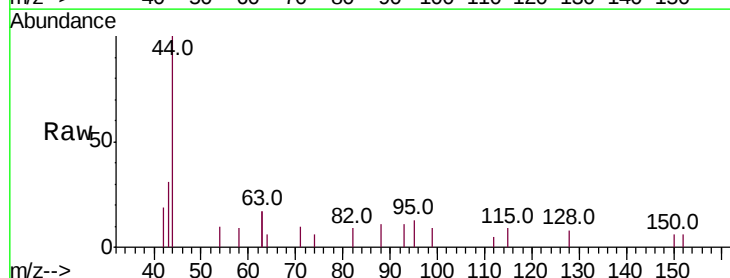
Tgt Ion: 99 Resp: 105

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

71 0.0 27.8 41.8#



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

250

200

150

100

50

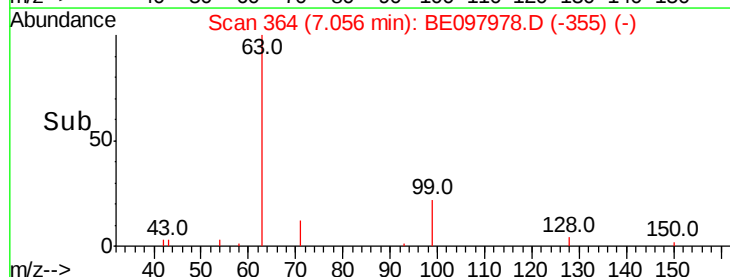
0

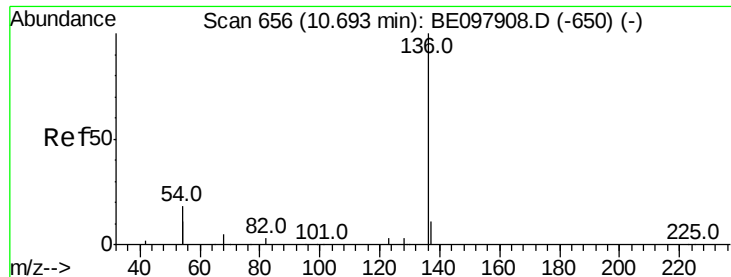
6.90

7.00

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11194

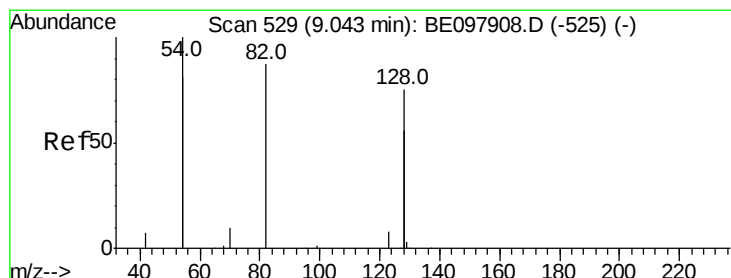
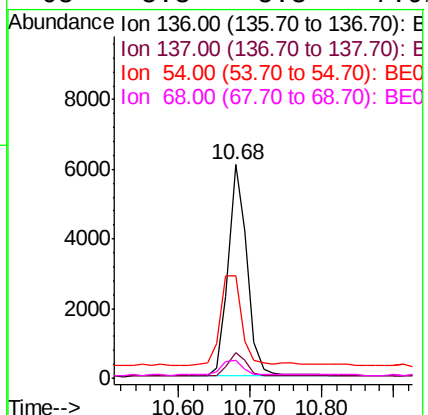
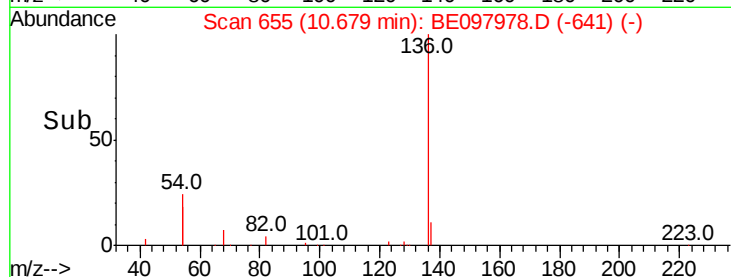
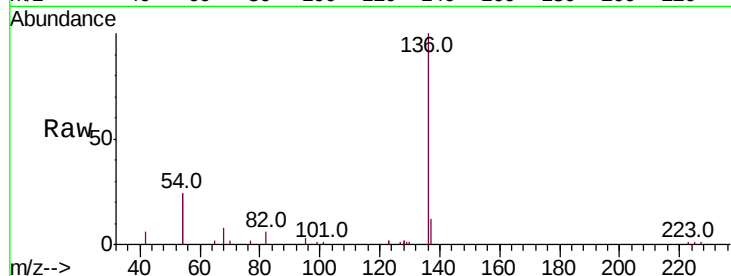
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 47.8 27.7 41.5#

68 8.3 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.006 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

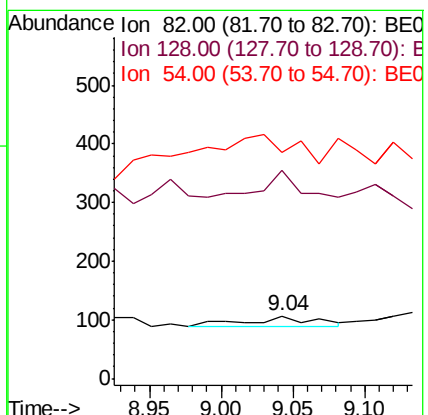
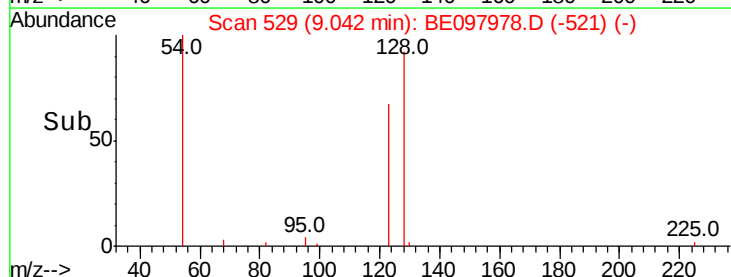
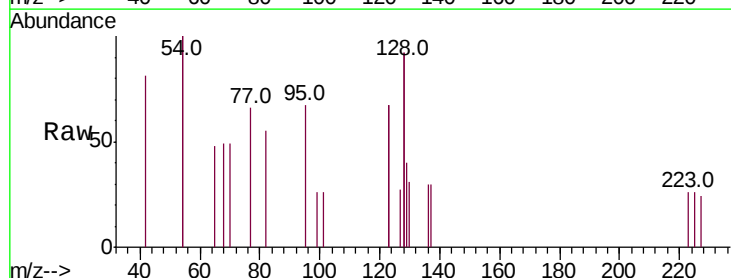
Tgt Ion: 82 Resp: 63

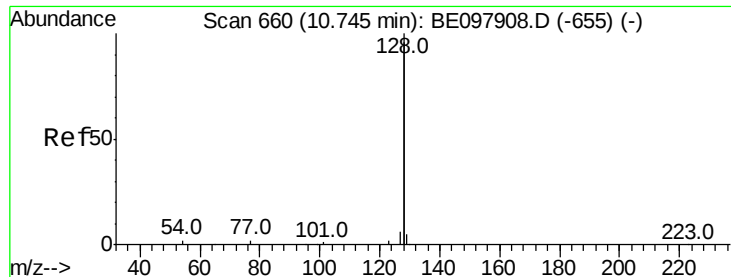
Ion Ratio Lower Upper

82 100

128 334.0 129.9 194.9#

54 364.2 174.0 261.0#





#9

Naphthalene

Concen: 0.051 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

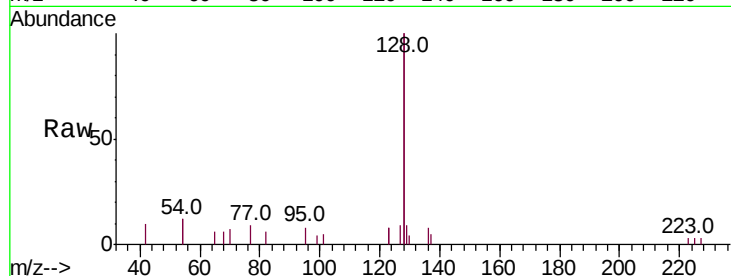
Tot Ion:128 Resp: 5663

Ion Ratio Lower Upper

128 100

129 4.5 2.5 3.7#

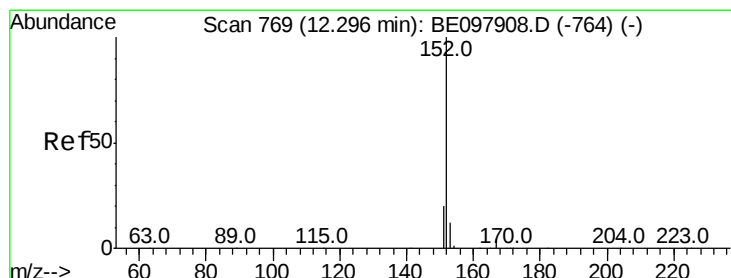
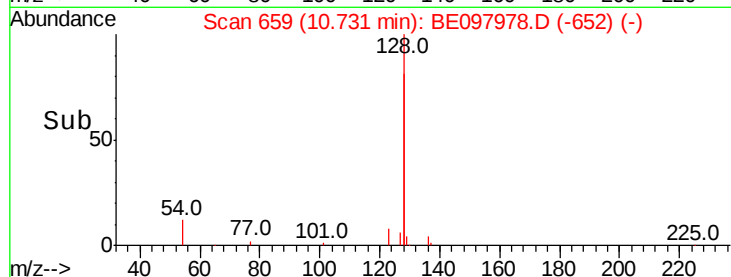
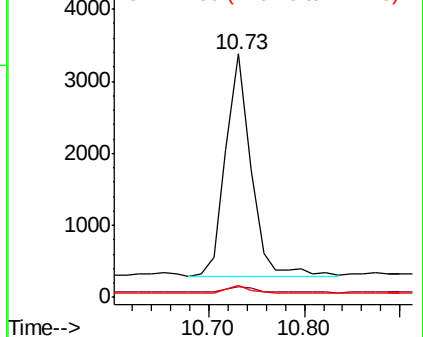
127 4.7 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.005 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097978.D

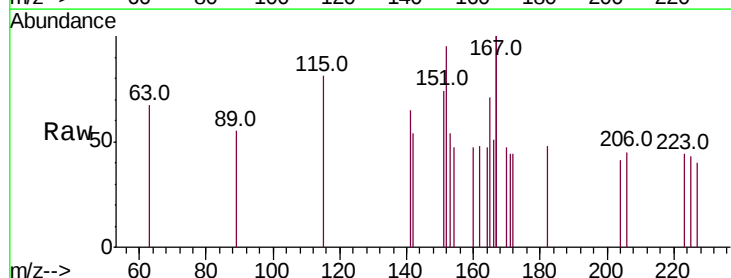
Acq: 18 Oct 2018 15:34

Tgt Ion:152 Resp: 84

Ion Ratio Lower Upper

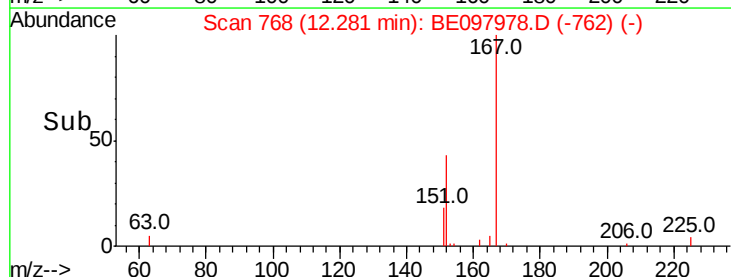
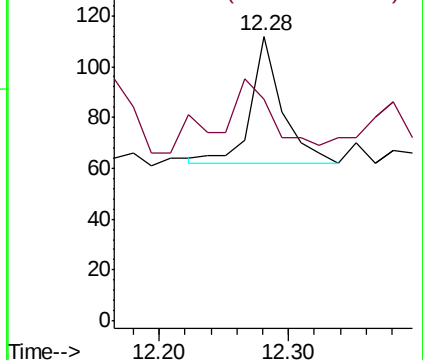
152 100

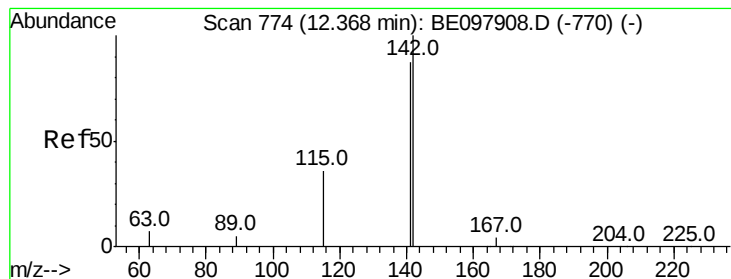
151 98.8 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.053 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.02 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

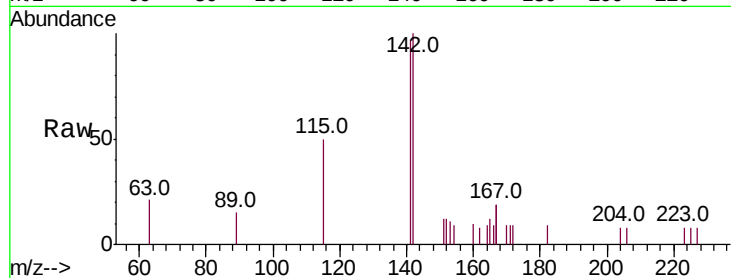
Tot Ion:142 Resp: 1005

Ion Ratio Lower Upper

142 100

141 97.2 69.8 104.6

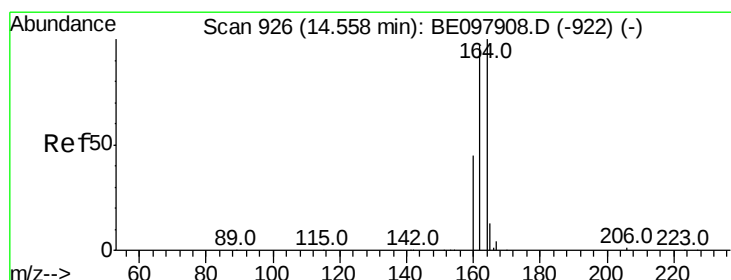
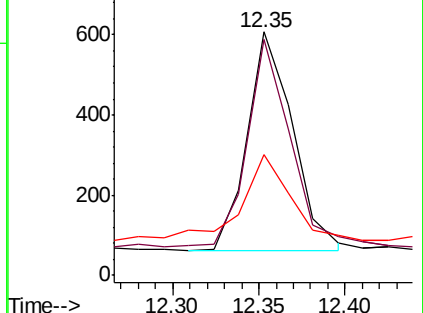
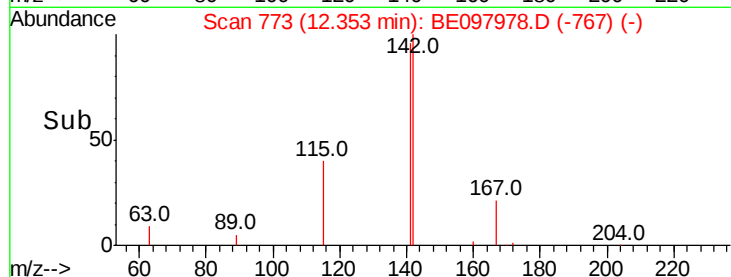
115 49.8 30.5 45.7#



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: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

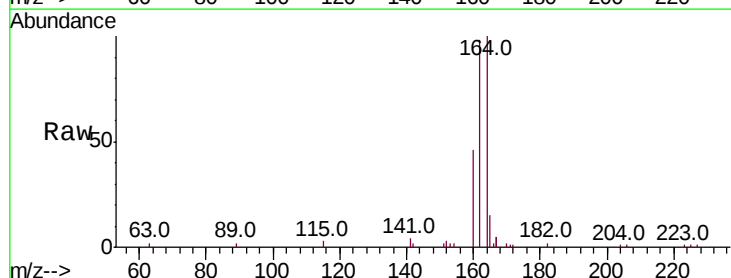
Tgt Ion:164 Resp: 8169

Ion Ratio Lower Upper

164 100

162 98.3 77.4 116.2

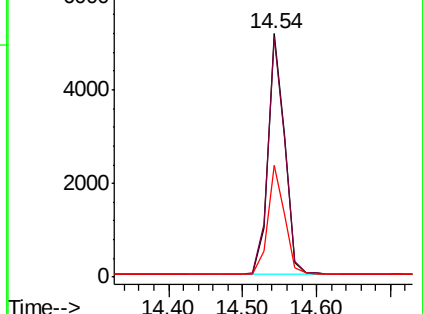
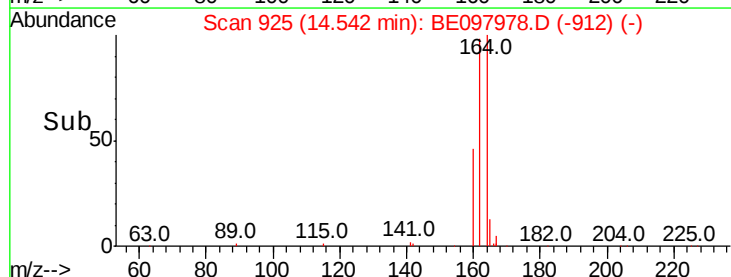
160 46.2 36.5 54.7

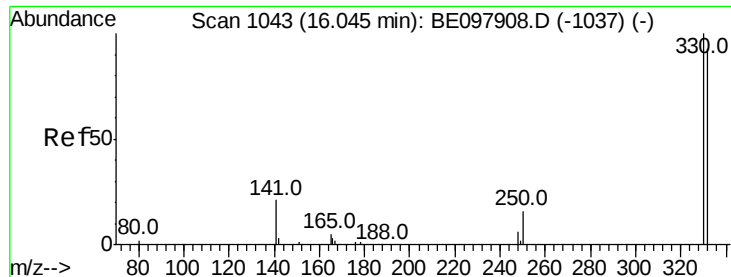


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

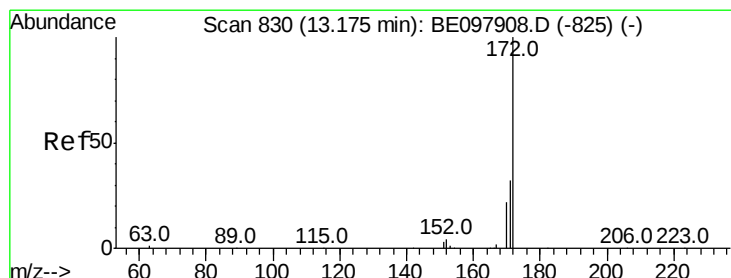
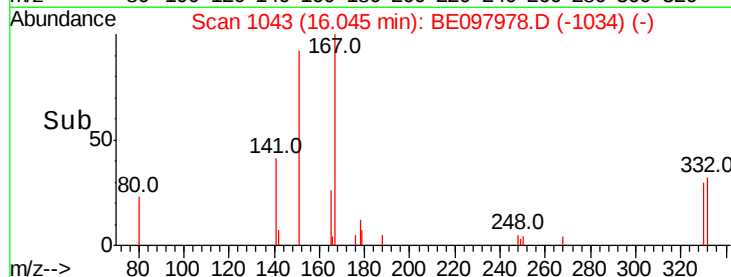
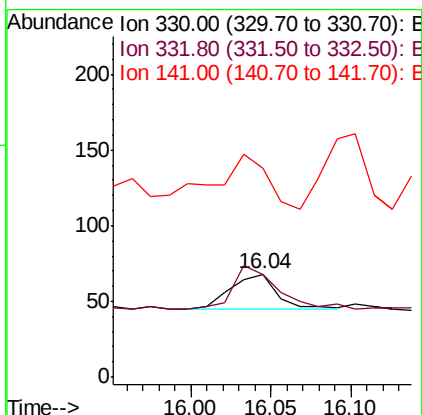
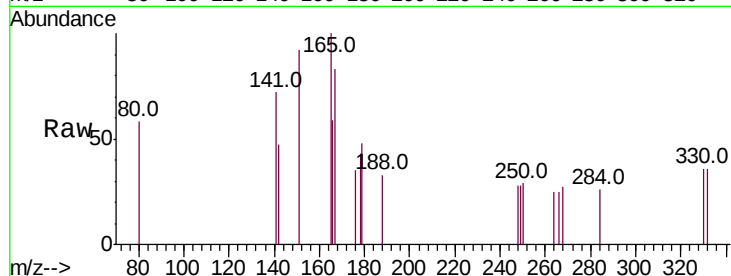




#14
 2,4,6-Tribromophenol
 Concen: 0.011 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097978.D
 Acq: 18 Oct 2018 15:34

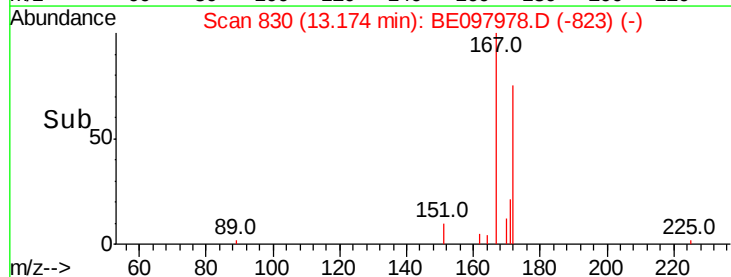
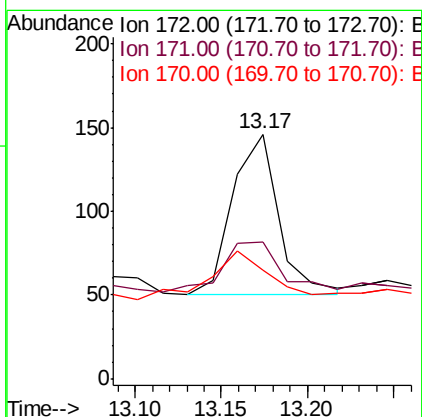
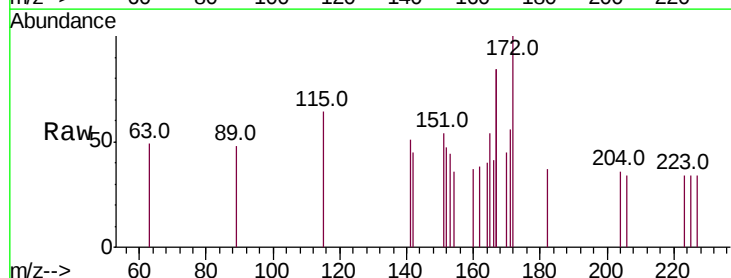
Instrument :
 BNA_E
 ClientSampleId :

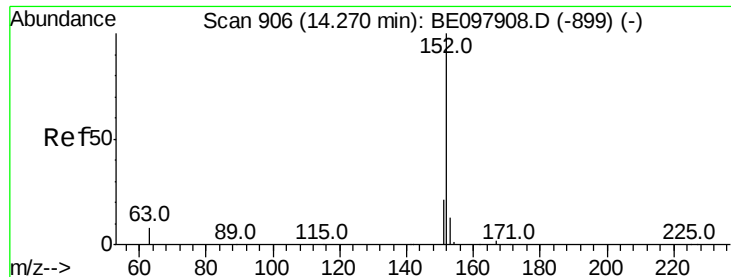
Tot Ion:330 Resp: 47
 Ion Ratio Lower Upper
 330 100
 332 125.5 76.5 114.7#
 141 174.5 31.8 47.6#



#15
 2-Fluorobiphenyl
 Concen: 0.005 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097978.D
 Acq: 18 Oct 2018 15:34

Tgt Ion:172 Resp: 180
 Ion Ratio Lower Upper
 172 100
 171 56.2 26.0 39.0#
 170 44.5 18.0 27.0#





#16

Acenaphthylene

Concen: 0.180 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

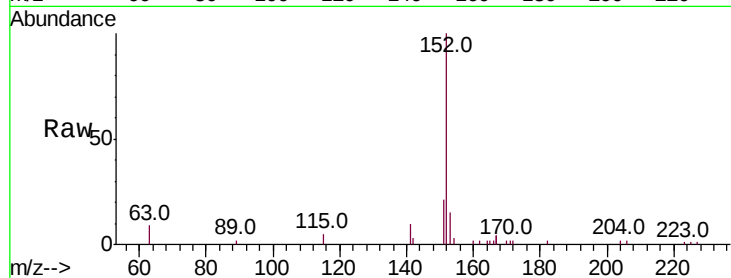
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 6786

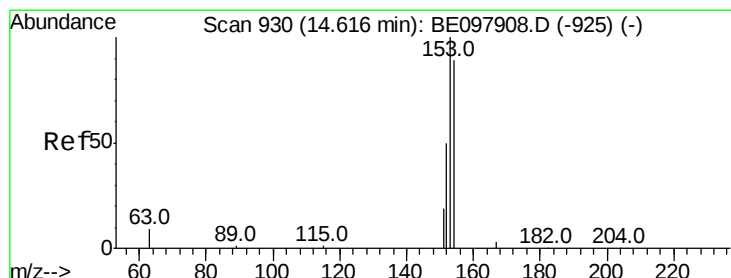
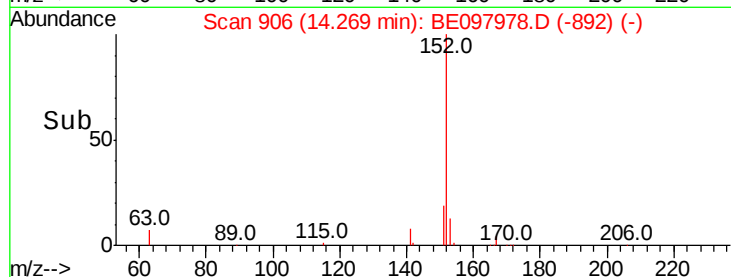
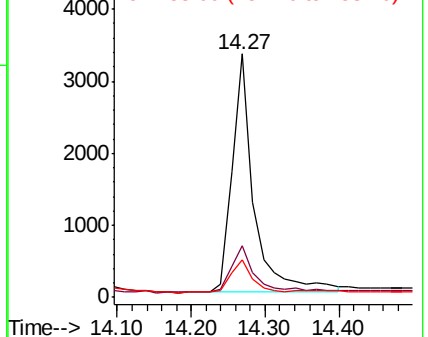
Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.1	24.1
153	14.4	10.9	16.3



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: 0.115 ng

RT: 14.61 min Scan# 930

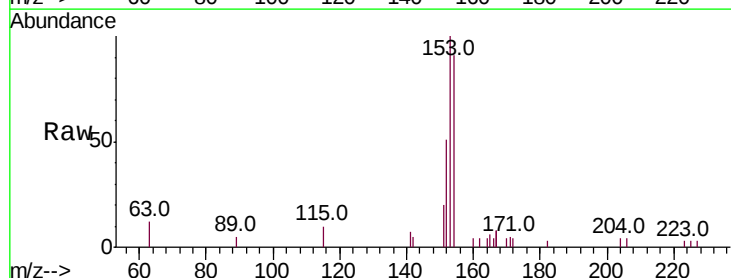
Delta R.T. -0.00 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Tgt Ion:154 Resp: 2657

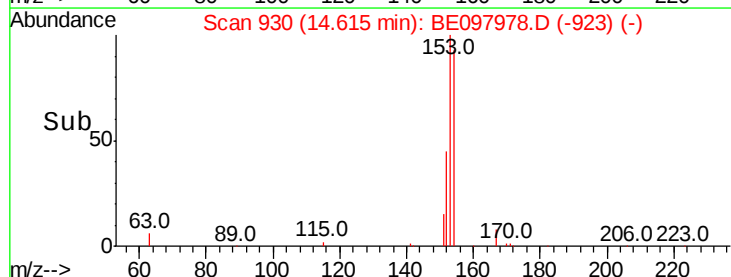
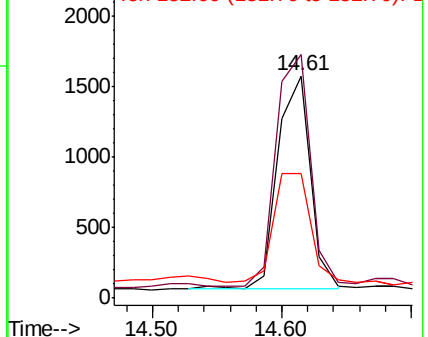
Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.6	139.0
152	56.8	45.5	68.3

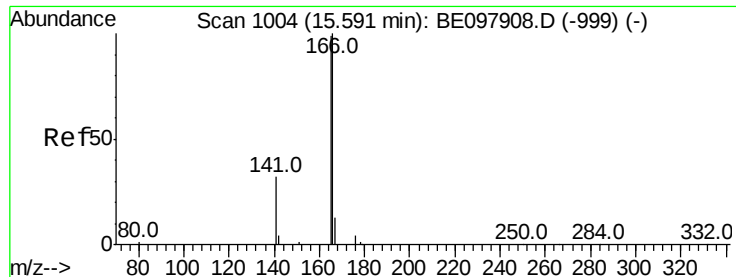


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.277 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

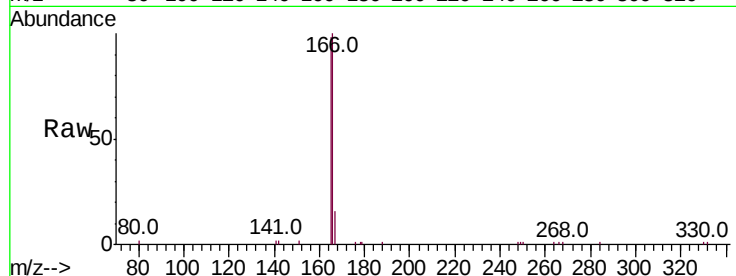
Tot Ion:166 Resp: 8784

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

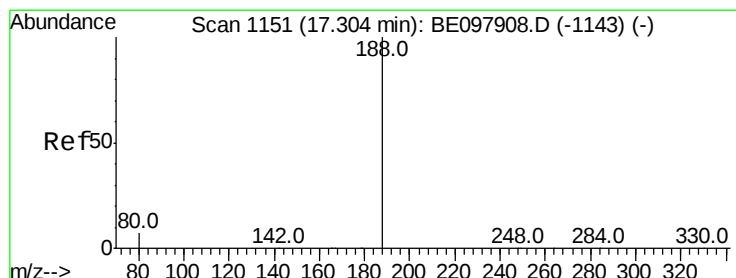
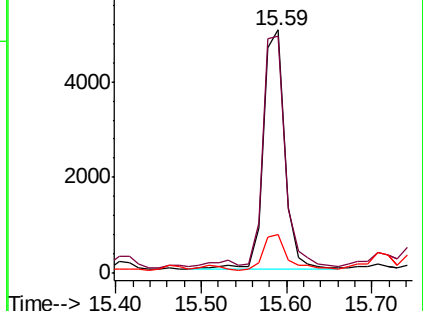
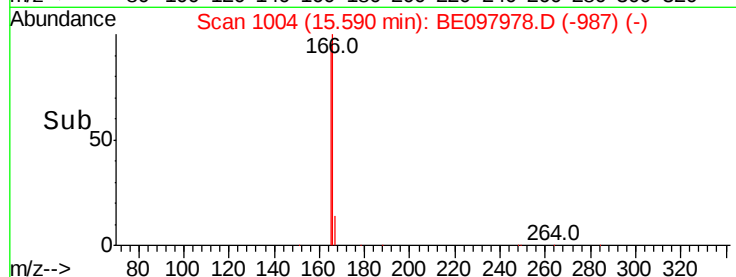
167 16.3 11.0 16.6



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

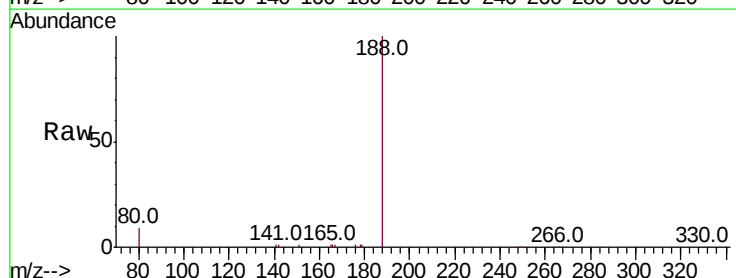
Tgt Ion:188 Resp: 20976

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

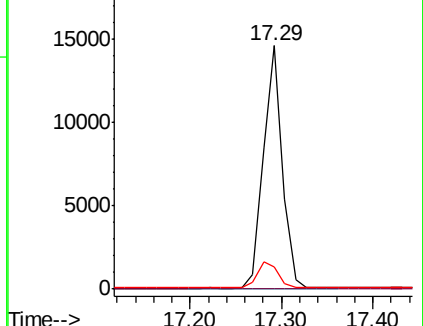
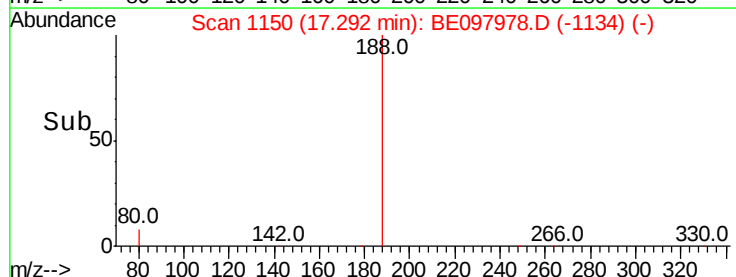
80 8.9 6.3 9.5

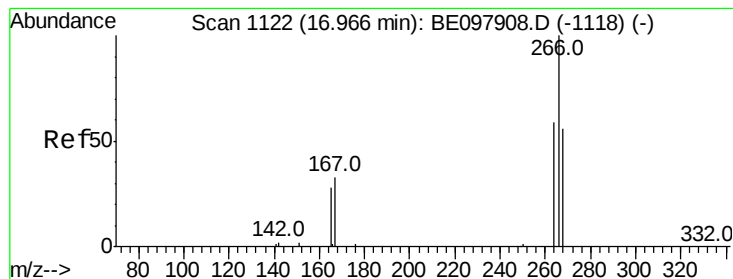


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.032 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BE097978.D

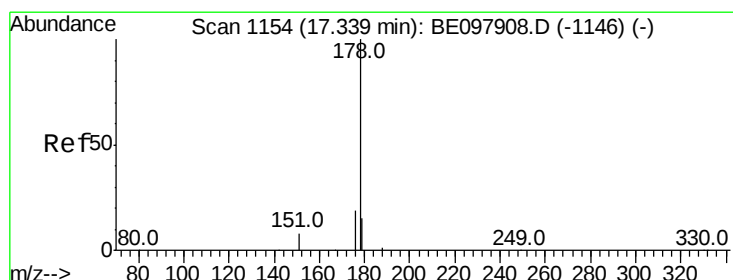
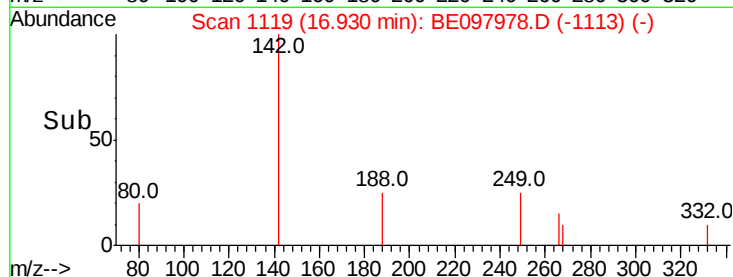
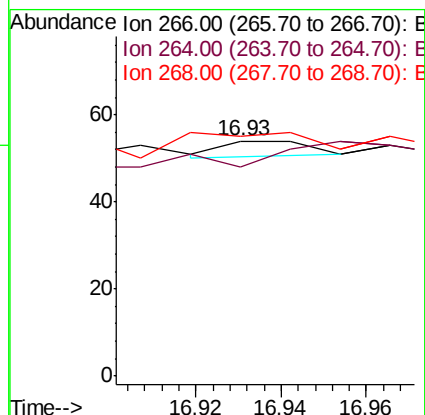
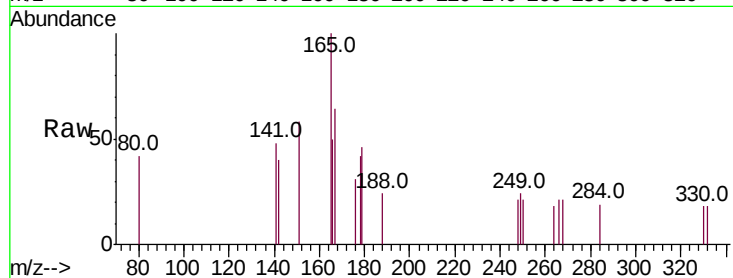
Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	88.9	51.3	76.9#
268	101.9	50.1	75.1#



#23

Phenanthrene

Concen: 1.837 ng

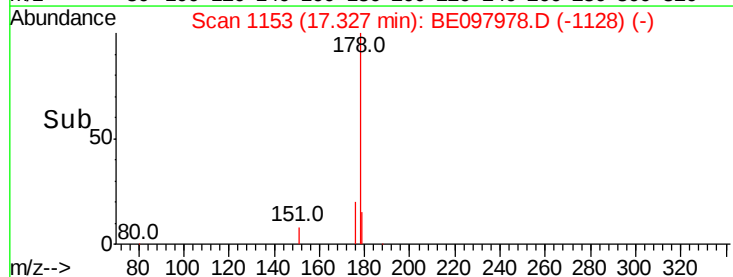
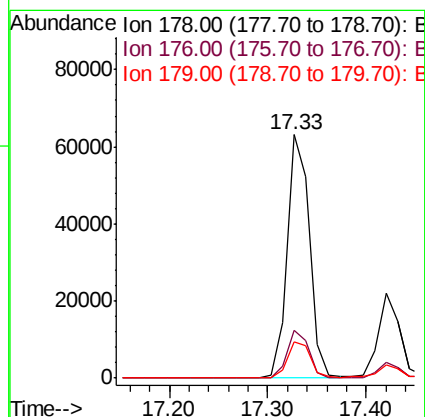
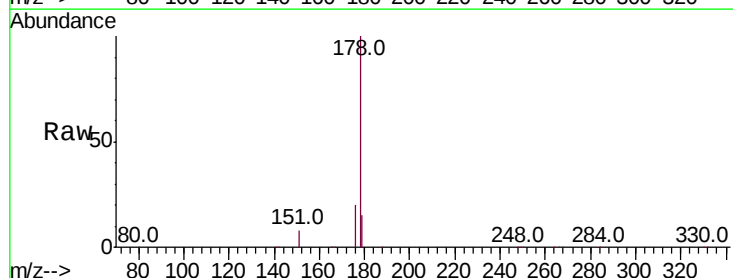
RT: 17.33 min Scan# 1153

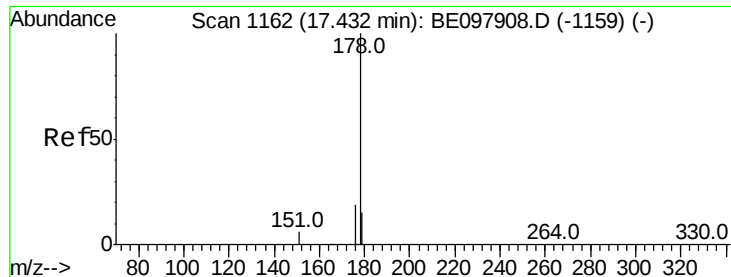
Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Tgt Ion:	178	Resp:	97906
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	12.2	18.4





#24

Anthracene

Concen: 0.637 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

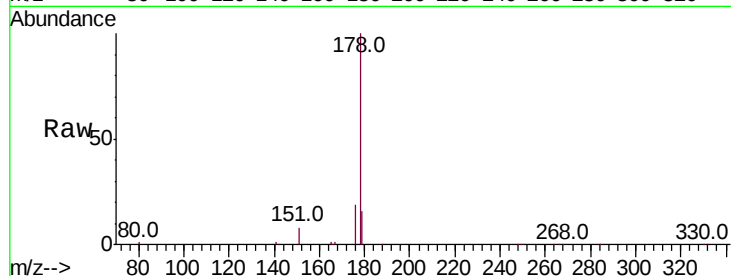
Tot Ion:178 Resp: 32054

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

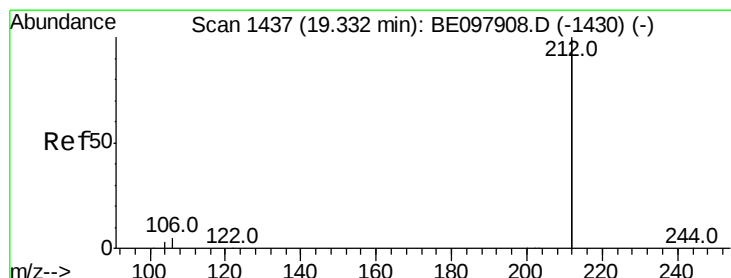
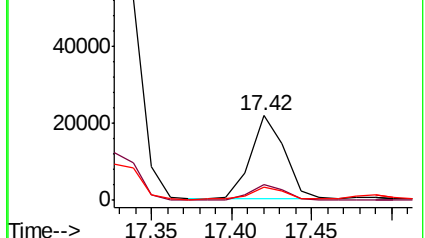
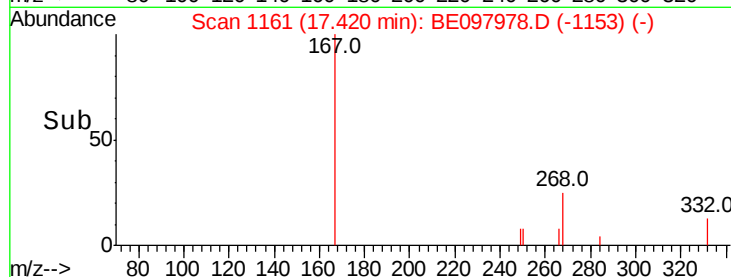
179 15.9 11.9 17.9



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: 0.003 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

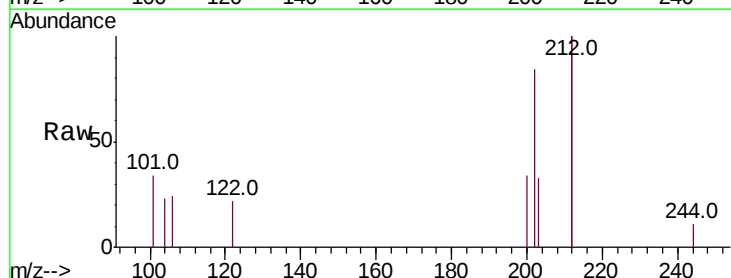
Tgt Ion:212 Resp: 898

Ion Ratio Lower Upper

212 100

106 4.3 2.3 3.5#

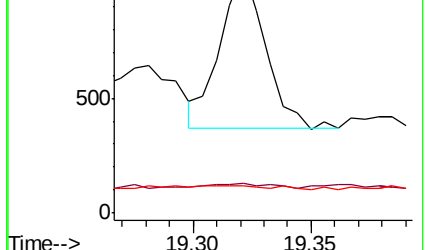
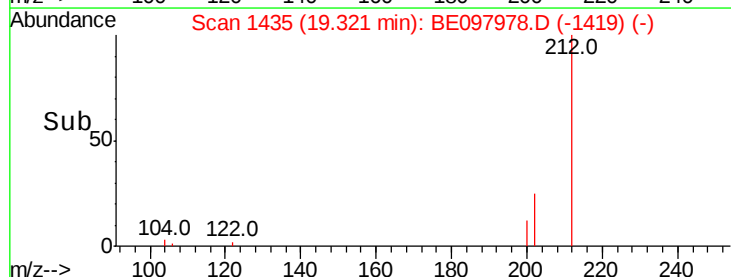
104 2.1 1.3 1.9#

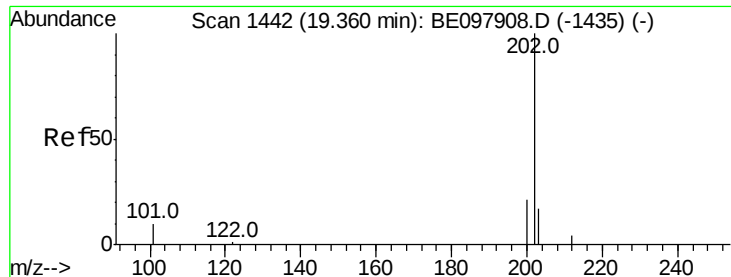


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

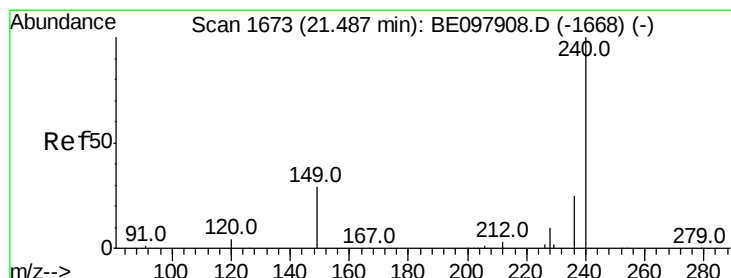
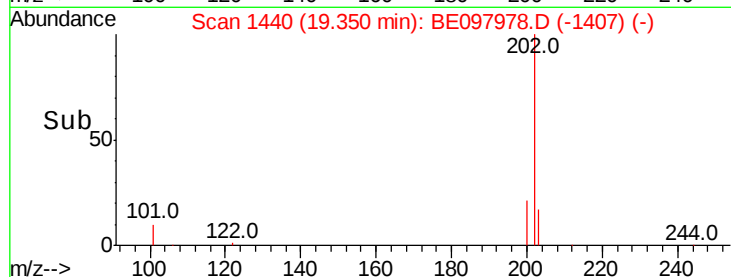
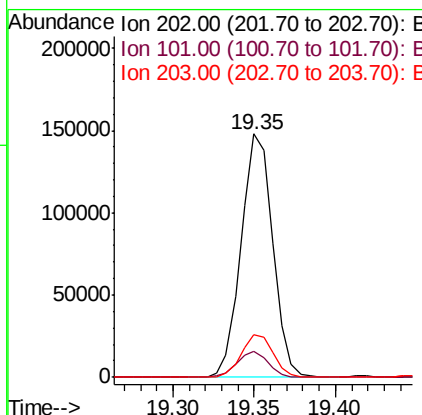
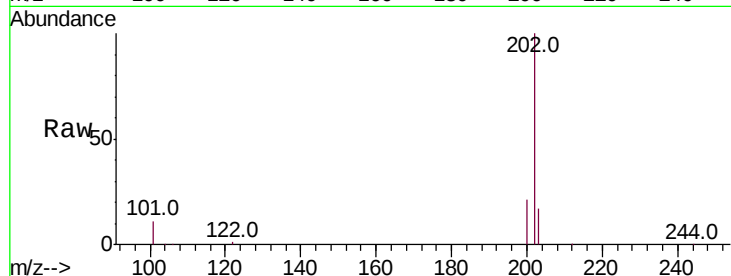




#26
 Fluoranthene
 Concen: 2.859 ng
 RT: 19.35 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BE097978.D
 Acq: 18 Oct 2018 15:34

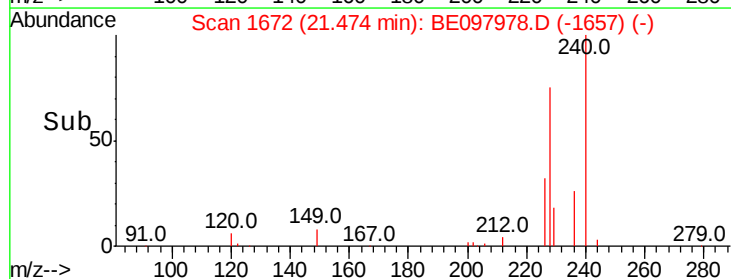
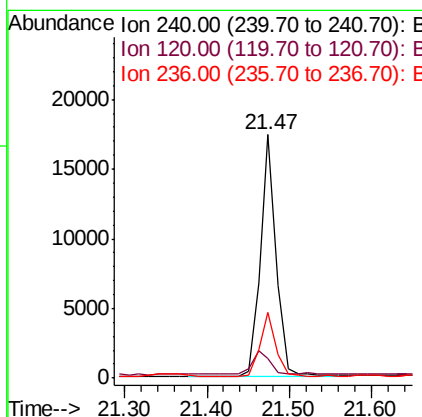
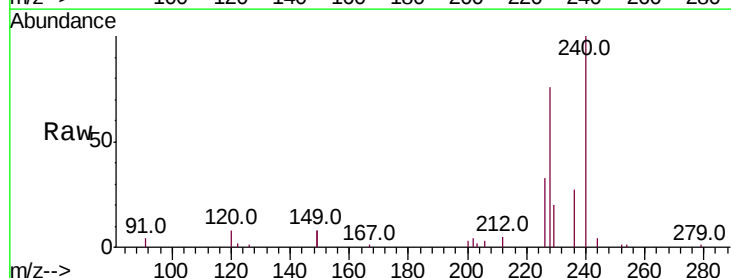
Instrument :
 BNA_E
 ClientSampleId :

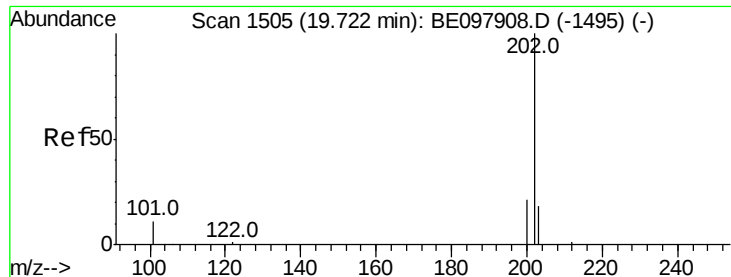
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
203	17.4	15.0	22.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097978.D
 Acq: 18 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.1	10.7
236	27.2	21.3	31.9

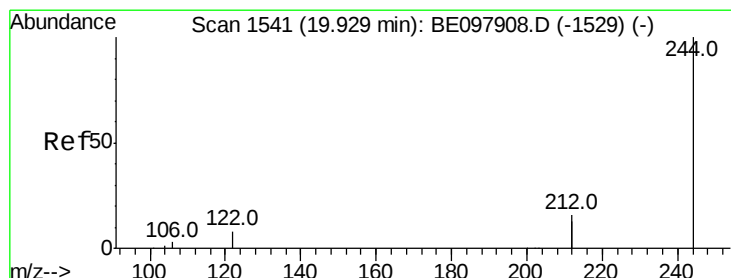
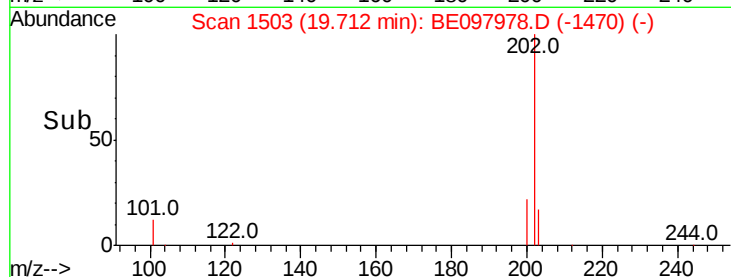
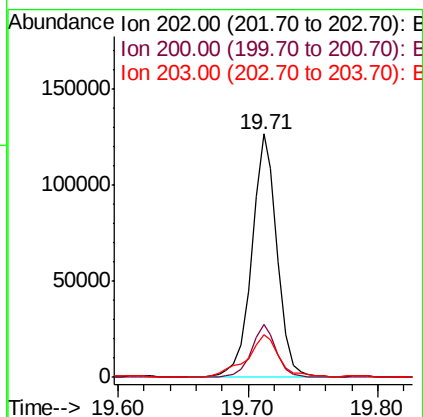
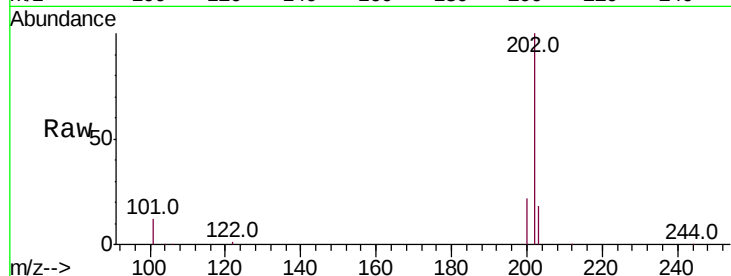




#28
Pvrene
Concen: 2.524 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

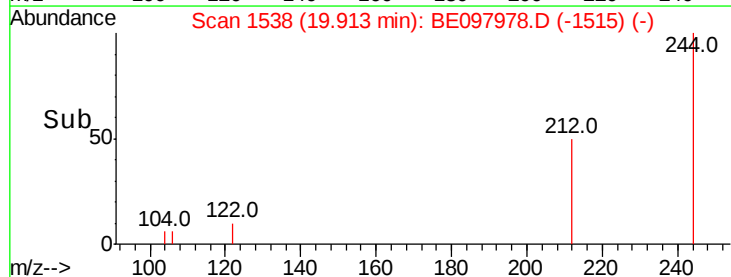
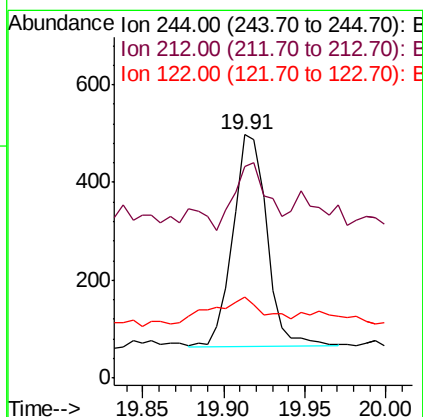
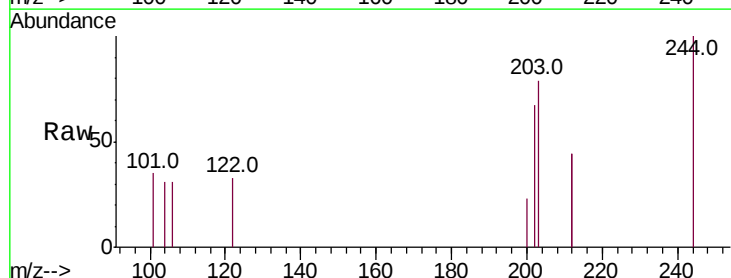
Instrument :
BNA_E
ClientSampleId :

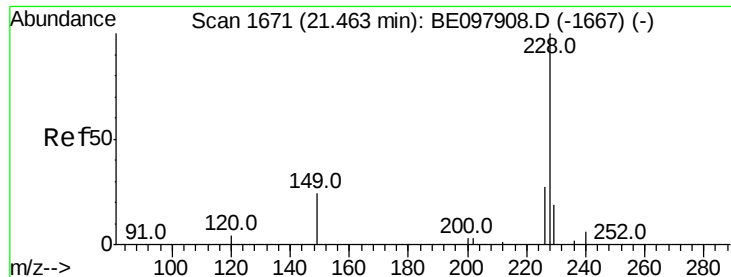
Tot Ion:202 Resp: 170596
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 22.3 14.2 21.4#



#29
Terphenyl-d14
Concen: 0.012 ng
RT: 19.91 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

Tgt Ion:244 Resp: 628
Ion Ratio Lower Upper
244 100
212 87.1 26.2 39.2#
122 33.3 7.7 11.5#





#30

Benzo(a)anthracene

Concen: 1.619 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

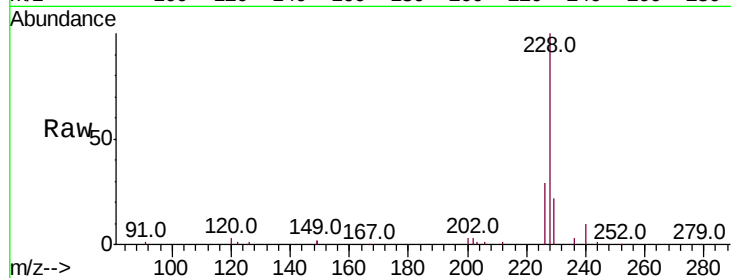
Tot Ion:228 Resp: 116330

Ion Ratio Lower Upper

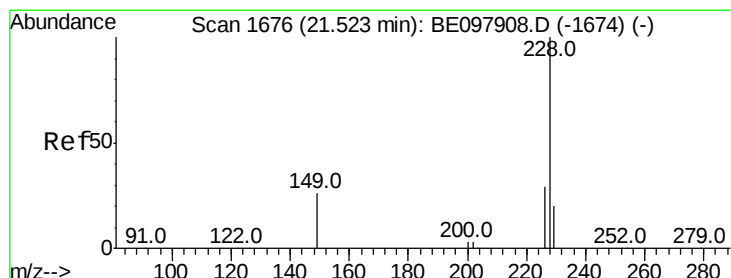
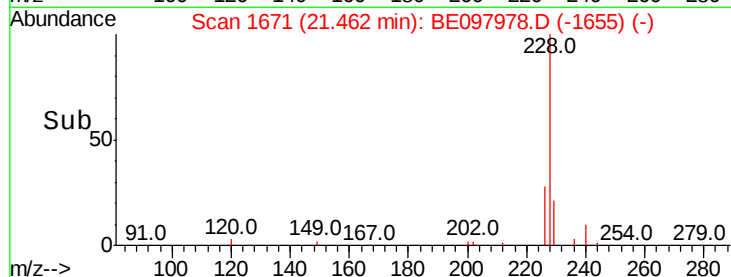
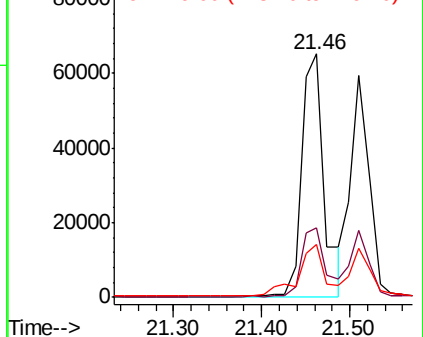
228 100

226 28.6 22.6 33.8

229 21.8 16.9 25.3



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: 1.256 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

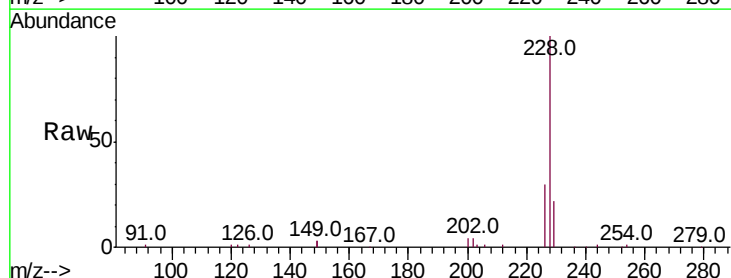
Tgt Ion:228 Resp: 85486

Ion Ratio Lower Upper

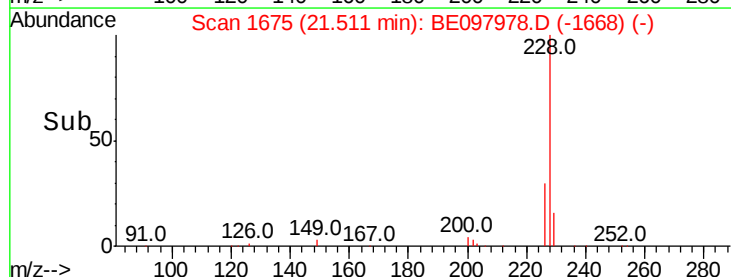
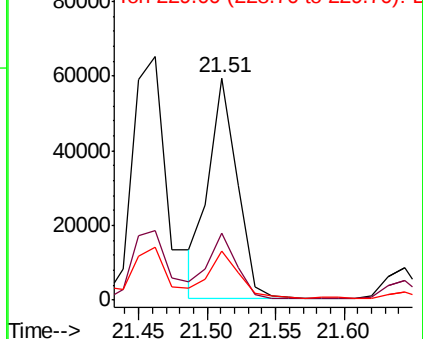
228 100

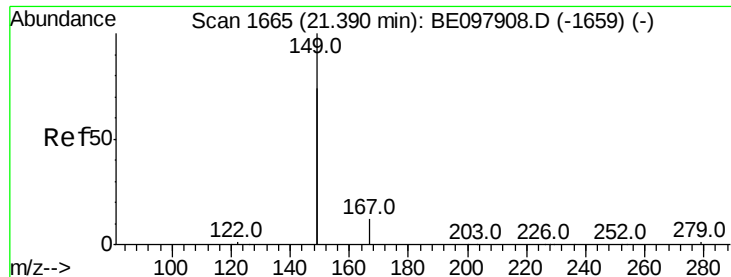
226 30.2 24.3 36.5

229 22.0 17.3 25.9



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

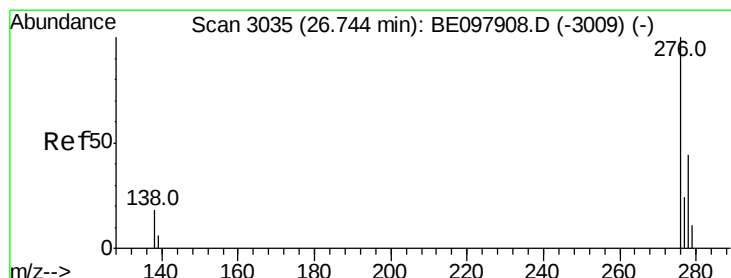
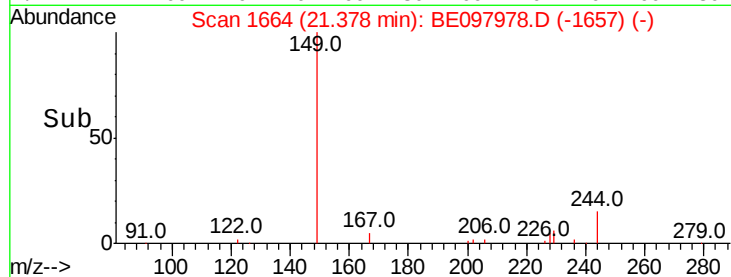
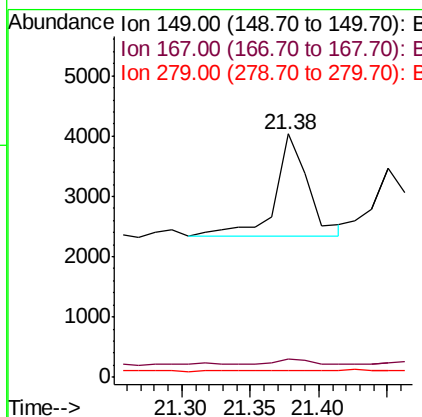
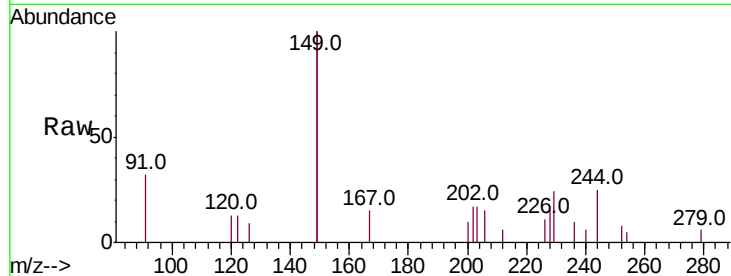




#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.38 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BE097978.D
 Acq: 18 Oct 2018 15:34

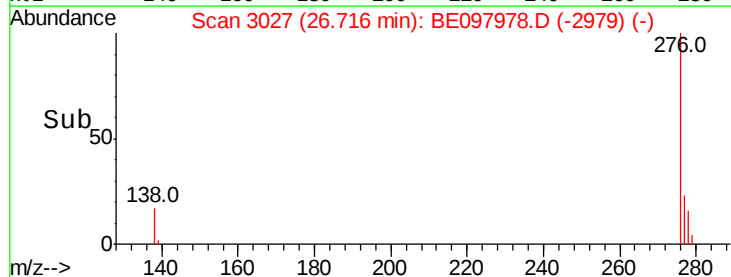
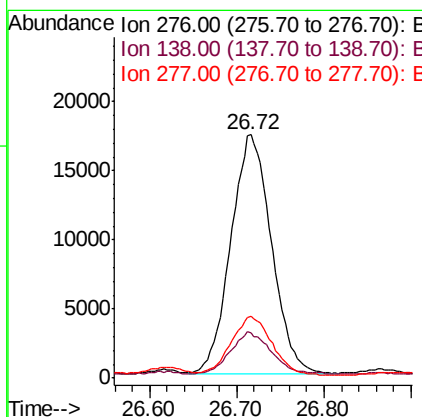
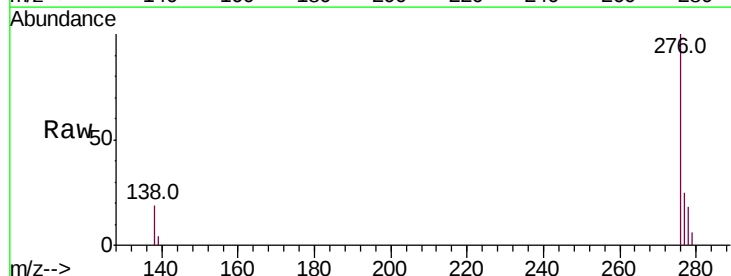
Instrument :
 BNA_E
 ClientSampled :

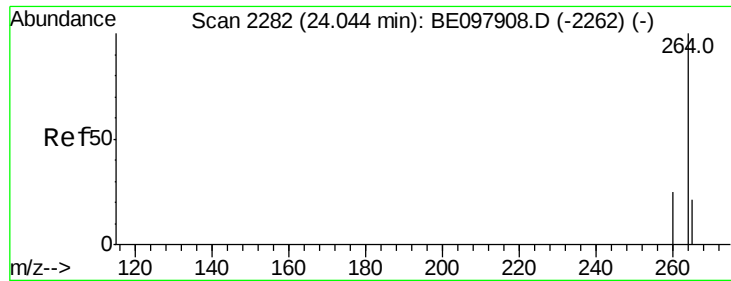
Tot Ion:149 Resp: 2799
 Ion Ratio Lower Upper
 149 100
 167 6.1 5.6 8.4
 279 1.1 0.9 1.3



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.891 ng
 RT: 26.72 min Scan# 3027
 Delta R.T. -0.03 min
 Lab File: BE097978.D
 Acq: 18 Oct 2018 15:34

Tgt Ion:276 Resp: 56243
 Ion Ratio Lower Upper
 276 100
 138 17.8 17.0 25.6
 277 24.6 20.5 30.7

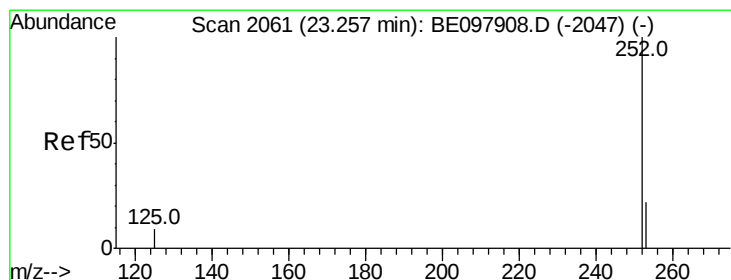
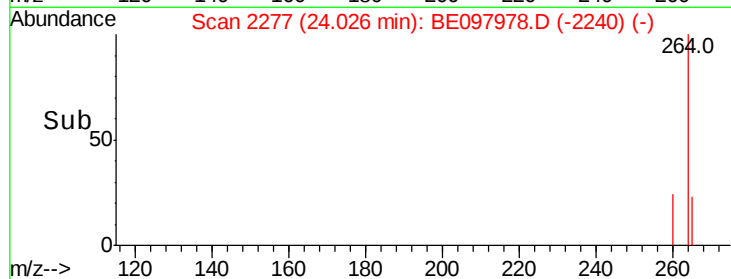
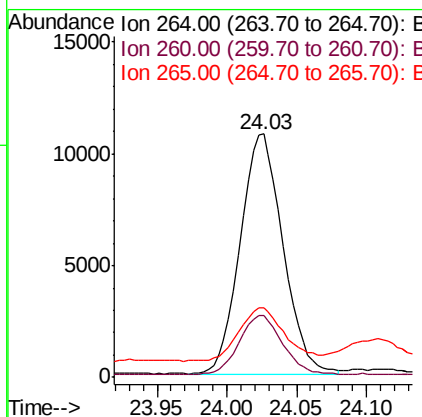
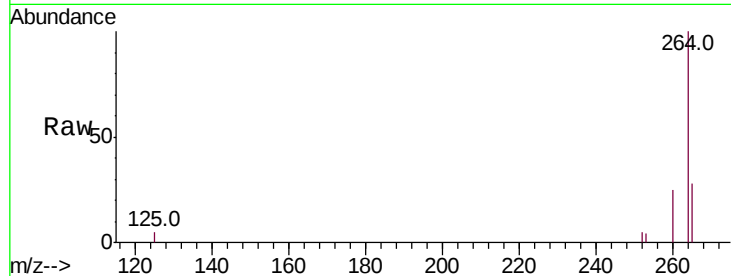




#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

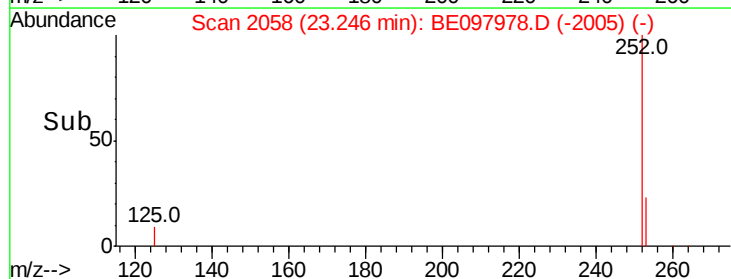
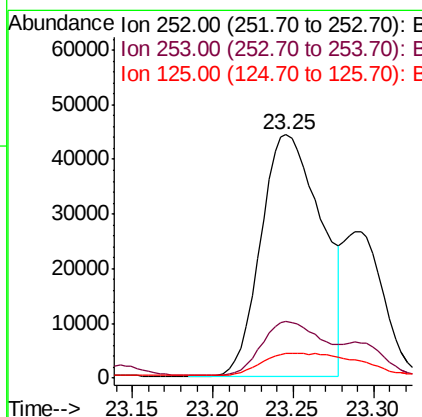
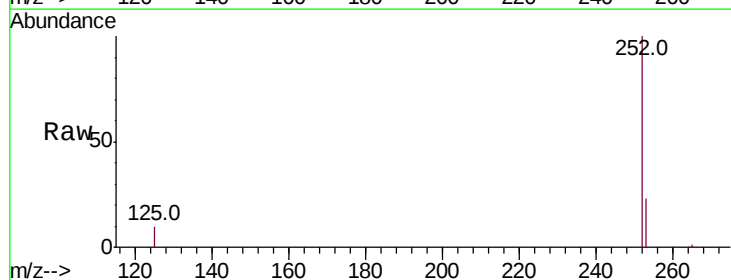
Instrument :
BNA_E
ClientSampleId :

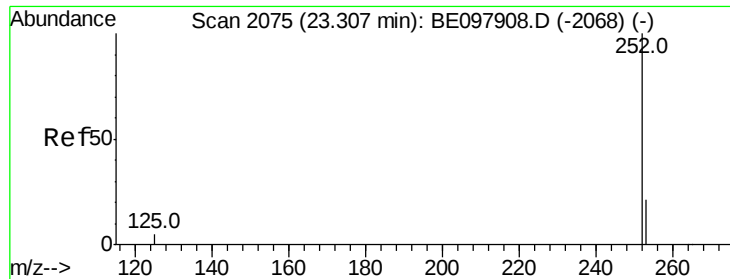
Tot Ion:264 Resp: 22891
Ion Ratio Lower Upper
264 100
260 25.2 21.1 31.7
265 28.5 29.2 43.8#



#35
Benzo(b)fluoranthene
Concen: 1.767 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

Tgt Ion:252 Resp: 116376
Ion Ratio Lower Upper
252 100
253 23.4 20.6 31.0
125 9.9 14.3 21.5#

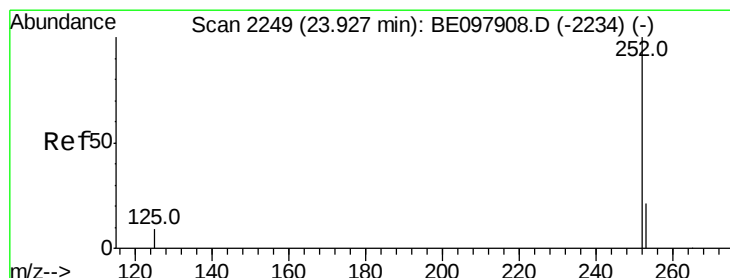
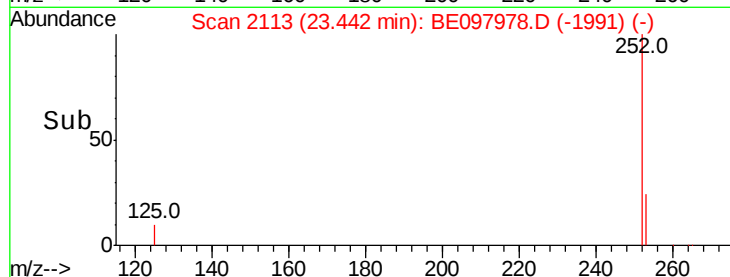
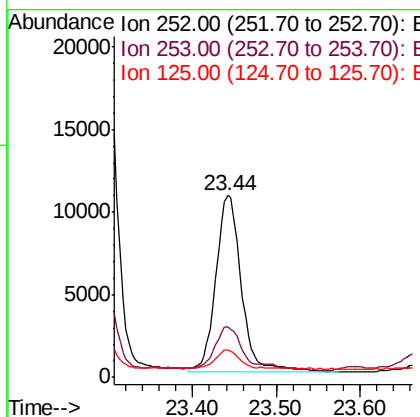
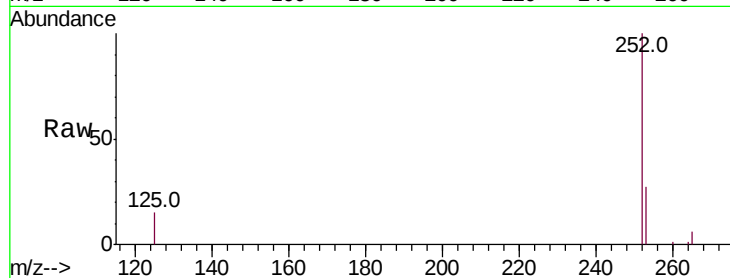




#36
Benzo(k)fluoranthene
Concen: 0.329 ng
RT: 23.44 min Scan# 2113
Delta R.T. 0.14 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

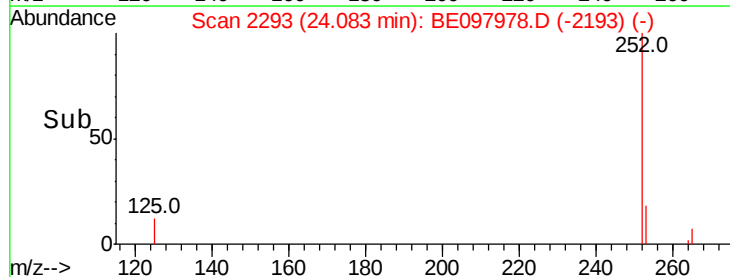
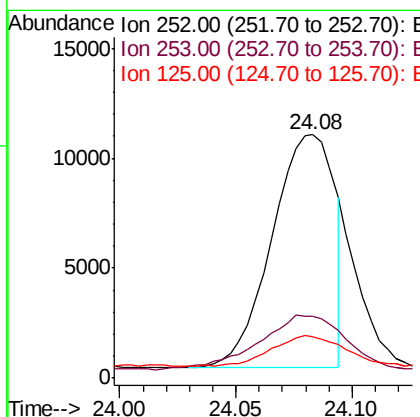
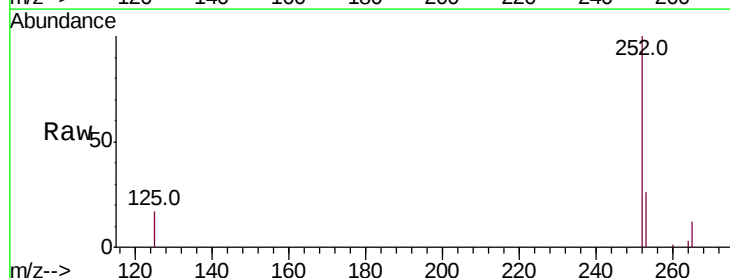
Instrument :
BNA_E
ClientSampleId :

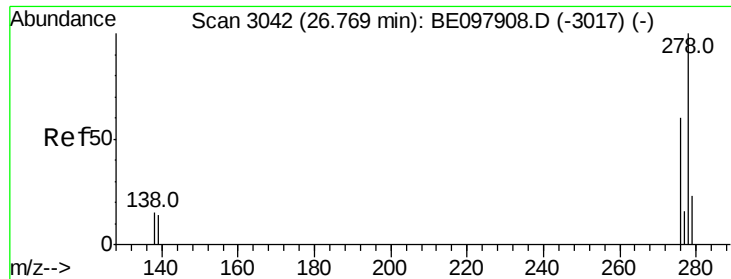
Tot Ion:252 Resp: 22558
Ion Ratio Lower Upper
252 100
253 27.4 20.4 30.6
125 14.8 14.6 21.8



#37
Benzo(a)pyrene
Concen: 0.308 ng
RT: 24.08 min Scan# 2293
Delta R.T. 0.16 min
Lab File: BE097978.D
Acq: 18 Oct 2018 15:34

Tgt Ion:252 Resp: 19781
Ion Ratio Lower Upper
252 100
253 25.6 20.6 31.0
125 17.0 15.6 23.4





#38

Dibenzo(a,h)anthracene

Concen: 0.222 ng

RT: 26.73 min Scan# 3032

Delta R.T. -0.04 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

Instrument :

BNA_E

ClientSampleId :

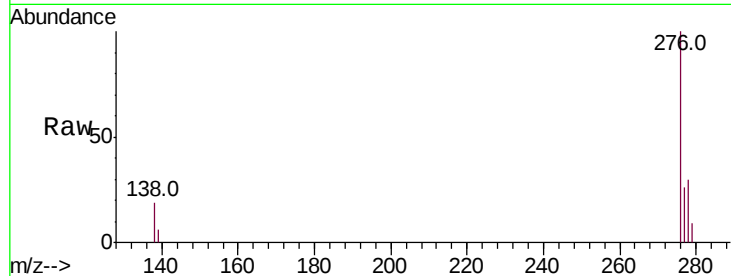
Tot Ion:278 Resp: 13950

Ion Ratio Lower Upper

278 100

139 19.2 16.3 24.5

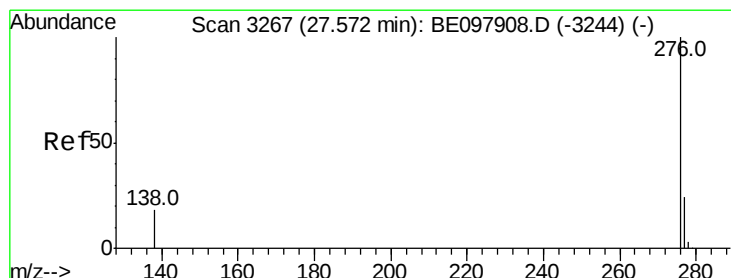
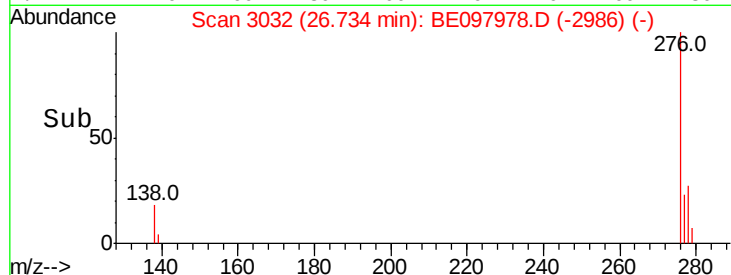
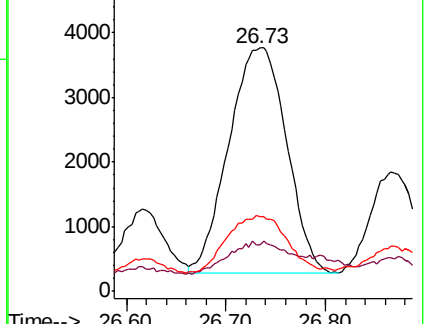
279 30.5 21.4 32.2



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(g,h,i)perylene

Concen: 0.832 ng

RT: 27.54 min Scan# 3258

Delta R.T. -0.03 min

Lab File: BE097978.D

Acq: 18 Oct 2018 15:34

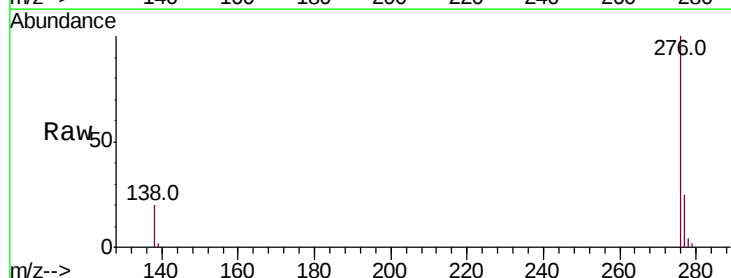
Tgt Ion:276 Resp: 53598

Ion Ratio Lower Upper

276 100

277 25.0 22.1 33.1

138 19.8 19.3 28.9



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

