

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097554.D
 Acq On : 19 Sep 2018 23:43
 Operator : SJ/JU
 Sample : J4958-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 20 05:10:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	708	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2985	0.40	ng	0.01
13) Acenaphthene-d10	14.02	164	1488	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	4202	0.40	ng	0.02
27) Chrysene-d12	20.97	240	7360	0.40	ng	0.00
34) Perylene-d12	23.21	264	7983	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	302	0.14	ng	0.01
5) Phenol-d6	6.56	99	2	0.00	ng	-0.04
8) Nitrobenzene-d5	8.55	82	725	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1518	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.54	330	180	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2586	0.49	ng	0.01
25) Fluoranthene-d10	18.81	212	22720	0.42	ng	0.00
29) Terphenyl-d14	19.41	244	6558	0.49	ng	0.00

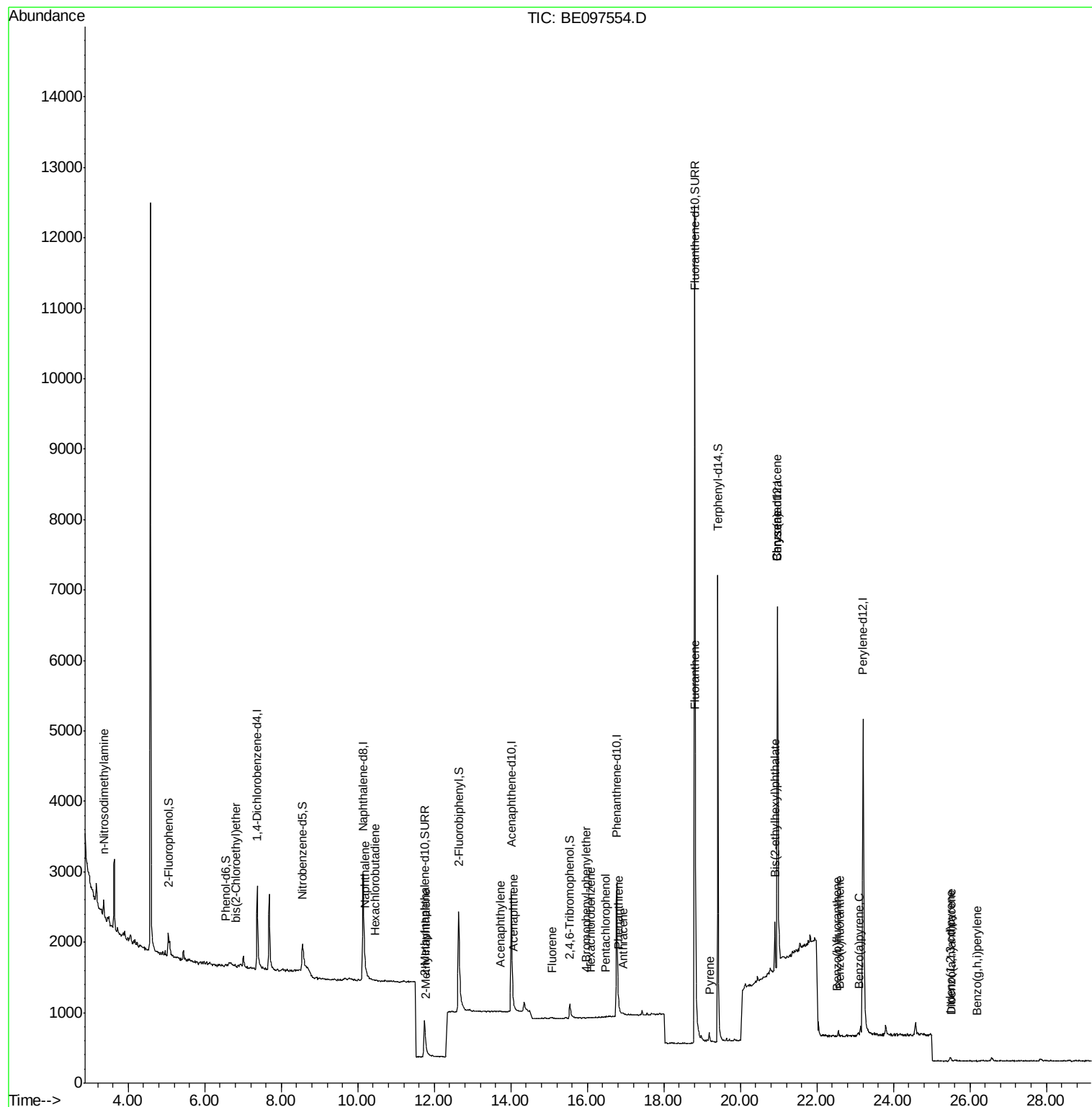
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.36	42	28	0.043	ng	# 3
6) bis(2-Chloroethyl)ether	6.82	93	8	0.003	ng	# 1
9) Naphthalene	10.18	128	186	0.007	ng	# 50
10) Hexachlorobutadiene	10.46	225	4	0.003	ng	# 51
12) 2-Methylnaphthalene	11.79	142	1	0.000	ng	# 61
16) Acenaphthylene	13.73	152	3	0.001	ng	# 1
17) Acenaphthene	14.06	154	7	0.002	ng	# 27
18) Fluorene	15.09	166	3	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	15.98	248	5	0.003	ng	# 58
21) Hexachlorobenzene	16.09	284	15	0.007	ng	# 38
22) Pentachlorophenol	16.48	266	9	0.139	ng	94
23) Phenanthrene	16.81	178	41	0.004	ng	# 77
24) Anthracene	16.93	178	13	0.001	ng	# 66
26) Fluoranthene	18.83	202	23	0.002	ng	# 28
28) Pyrene	19.21	202	35	0.002	ng	# 89
30) Benzo(a)anthracene	20.97	228	61	0.003	ng	# 1
31) Chrysene	20.97	228	61	0.003	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	967	0.042	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	1	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.53	252	5	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.60	252	9	0.000	ng	# 1
37) Benzo(a)pyrene	23.11	252	7	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.20	276	4	0.000	ng	# 1

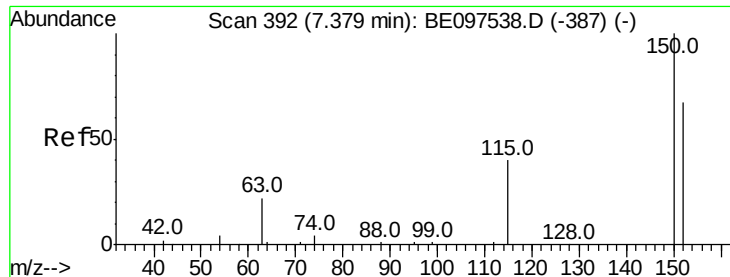
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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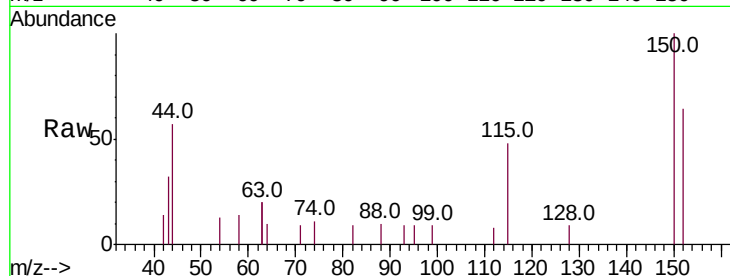


#1

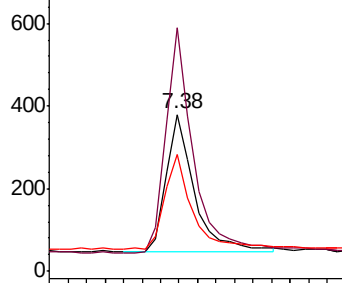
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097554.D
Acq: 19 Sep 2018 23:43

Instrument :
BNA_E
ClientSampleId :

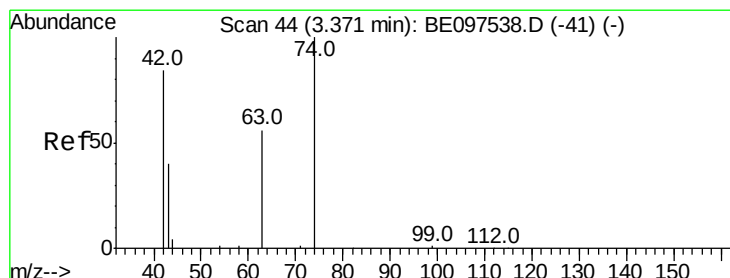
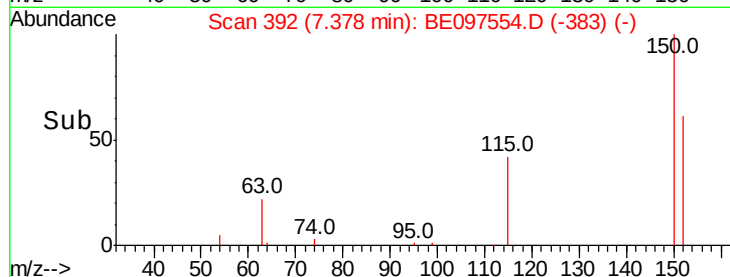
Tot Ion:152 Resp: 708
Ion Ratio Lower Upper
152 100
150 155.4 117.2 175.8
115 74.9 57.0 85.6



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



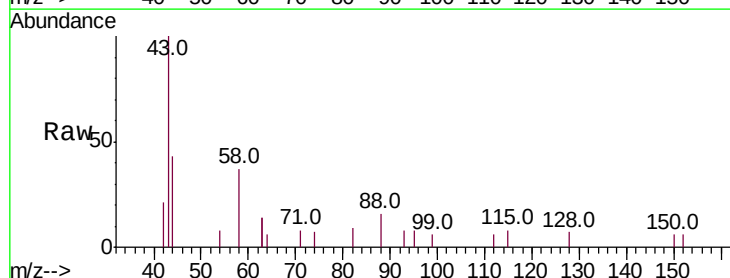
Time-->



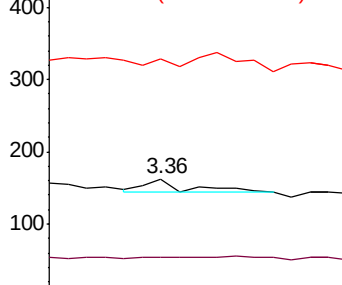
#3

n-Nitrosodimethylamine
Concen: 0.043 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE097554.D
Acq: 19 Sep 2018 23:43

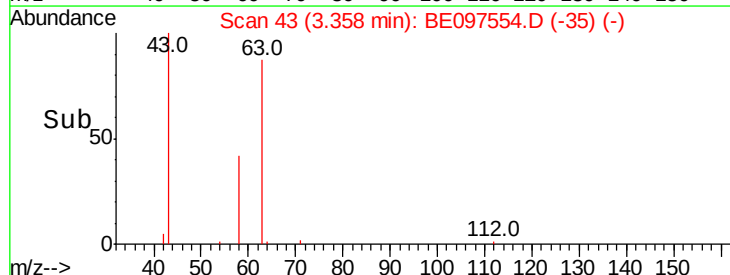
Tgt Ion: 42 Resp: 28
Ion Ratio Lower Upper
42 100
74 3.6 96.0 144.0#
44 0.0 12.0 18.0#

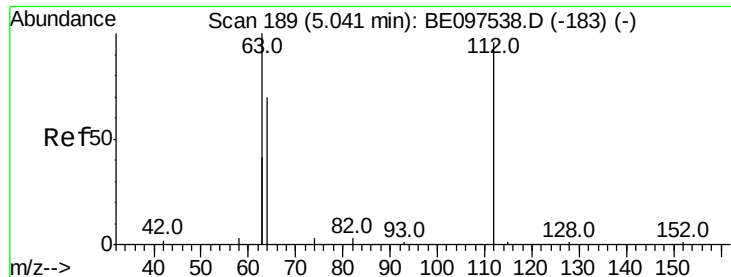


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.142 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.01 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

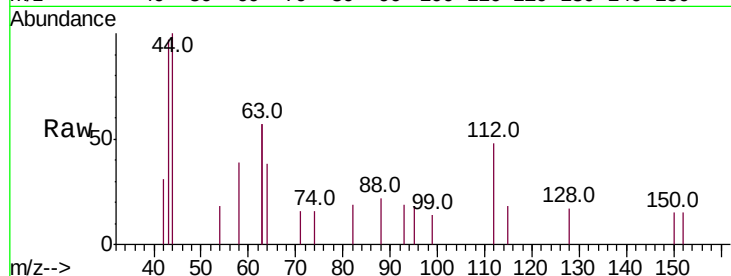
Tot Ion:112 Resp: 302

Ion Ratio Lower Upper

112 100

64 61.9 60.1 90.1

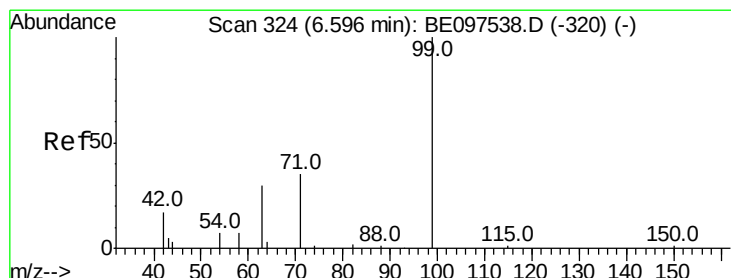
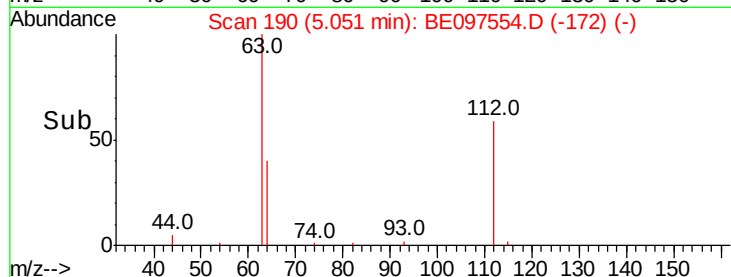
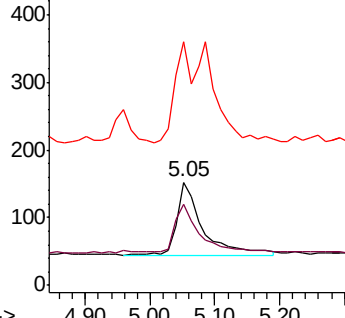
63 83.4 116.8 175.2#



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



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.56 min Scan# 321

Delta R.T. -0.04 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

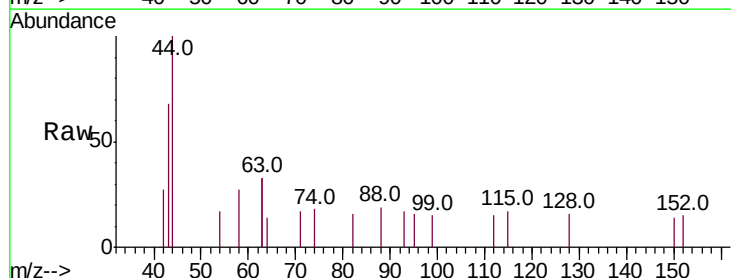
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

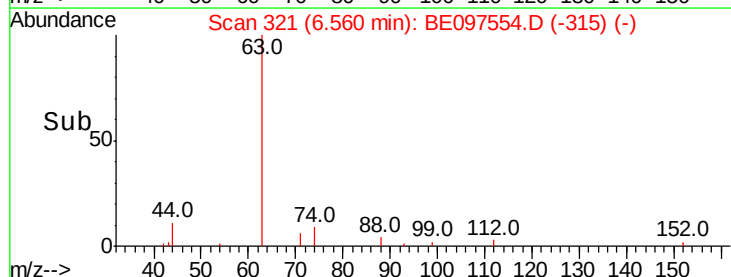
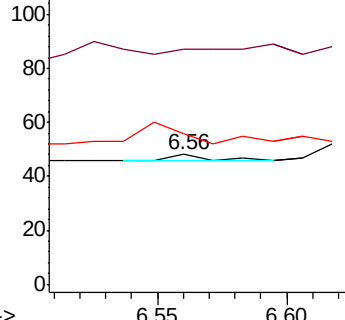
71 500.0 28.4 42.6#

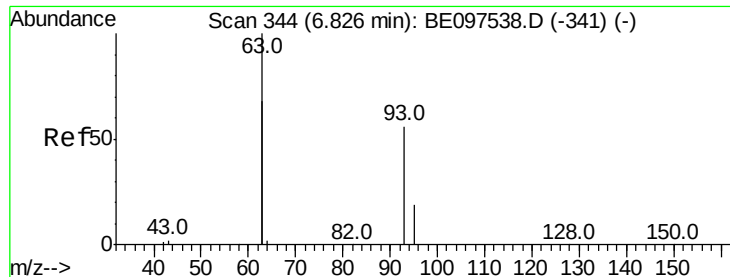


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

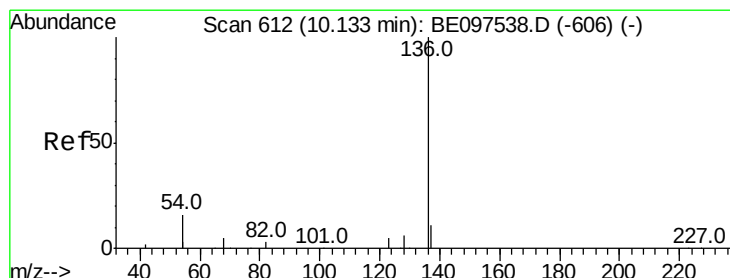
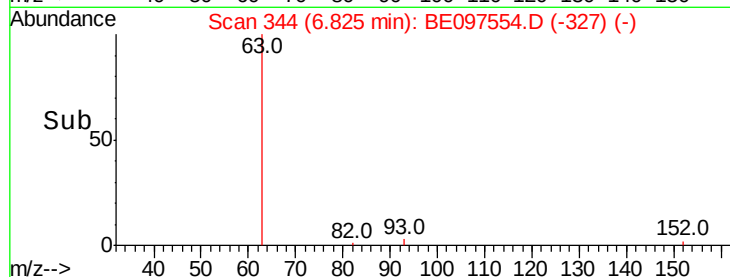
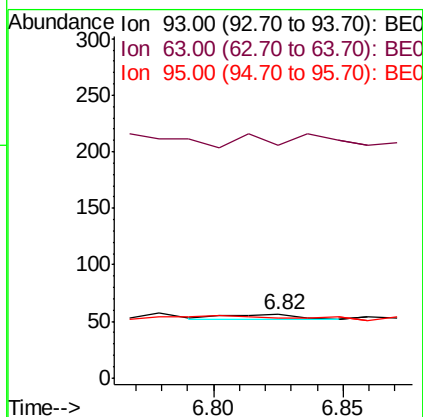
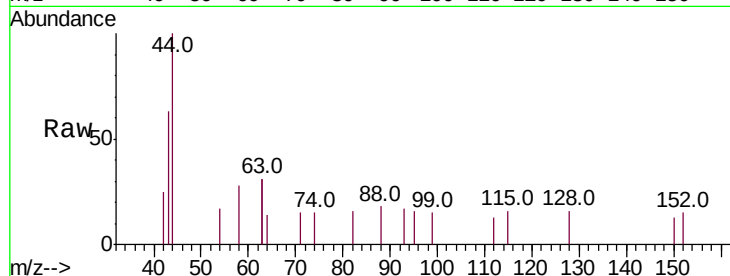
Tot Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

95 0.0 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Tgt Ion: 136 Resp: 2985

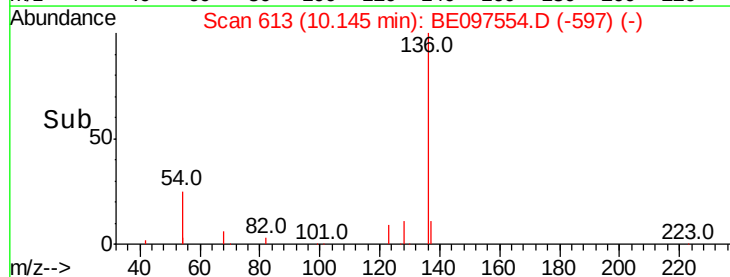
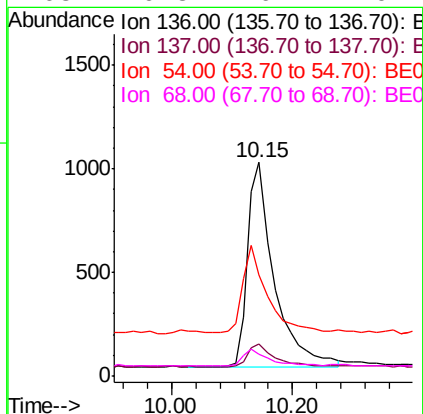
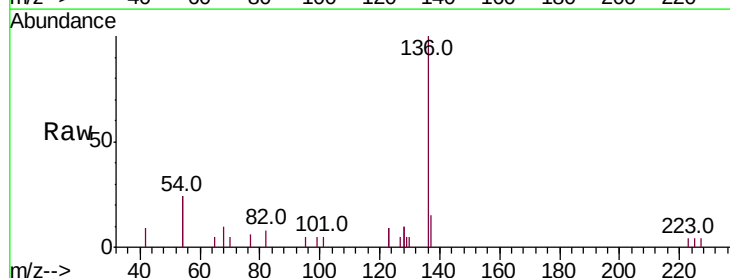
Ion Ratio Lower Upper

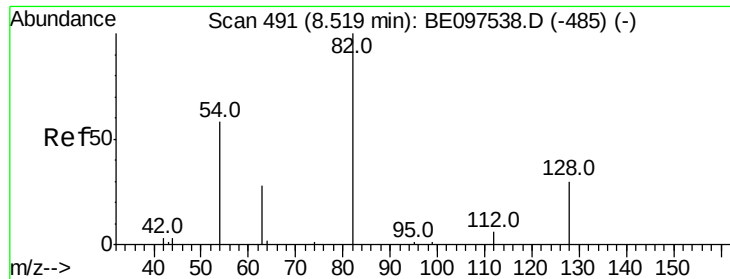
136 100

137 14.8 9.5 14.3#

54 47.1 29.1 43.7#

68 10.3 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

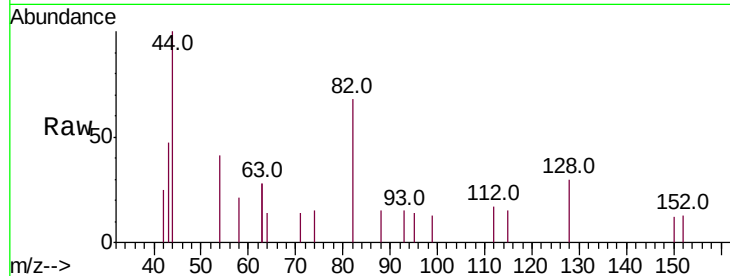
Tot Ion: 82 Resp: 725

Ion Ratio Lower Upper

82 100

128 44.7 24.0 36.0#

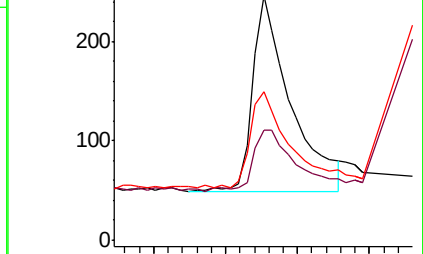
54 60.6 40.0 60.0#



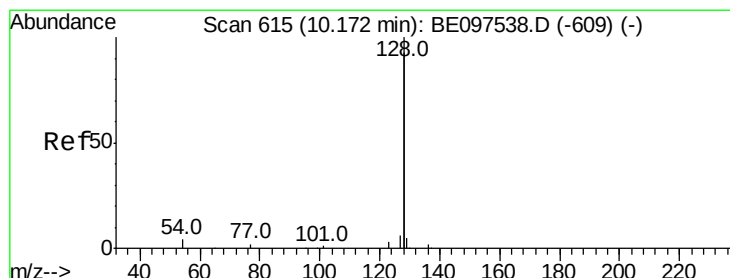
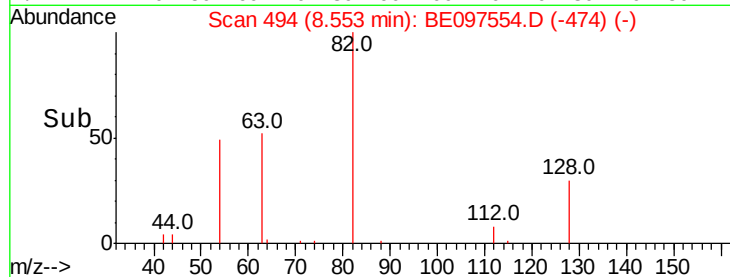
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.007 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

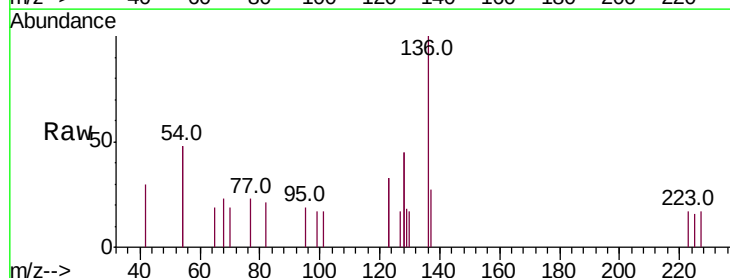
Tgt Ion: 128 Resp: 186

Ion Ratio Lower Upper

128 100

129 20.4 2.6 3.8#

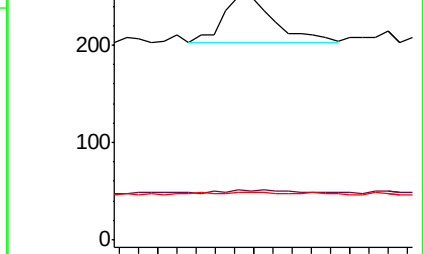
127 19.2 2.8 4.2#



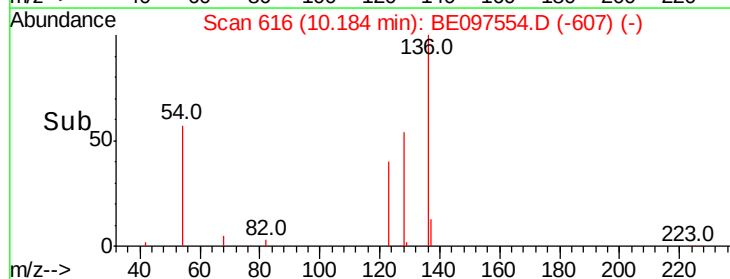
Abundance Ion 128.00 (127.70 to 128.70): E

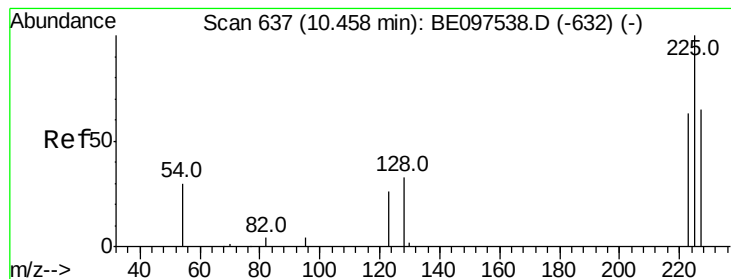
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#10

Hexachlorobutadiene

Concen: 0.003 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

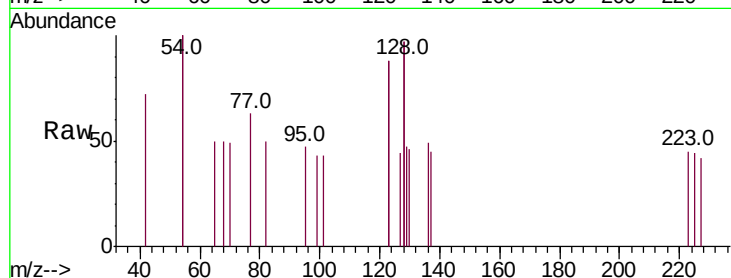
Tot Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

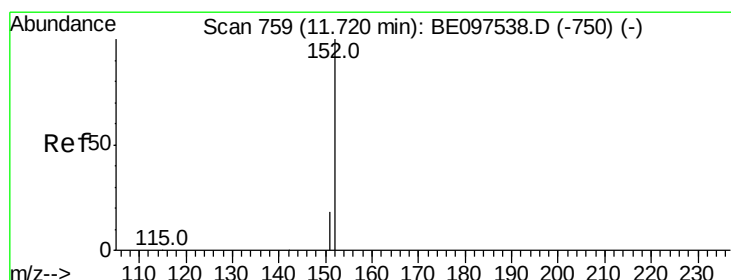
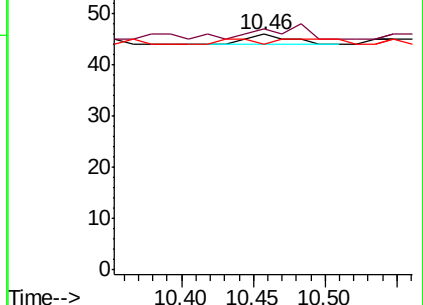
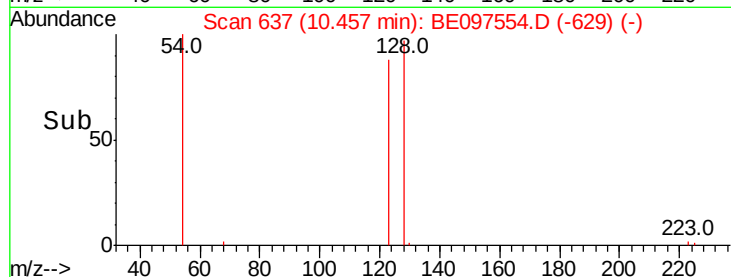
227 75.0 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE097554.D

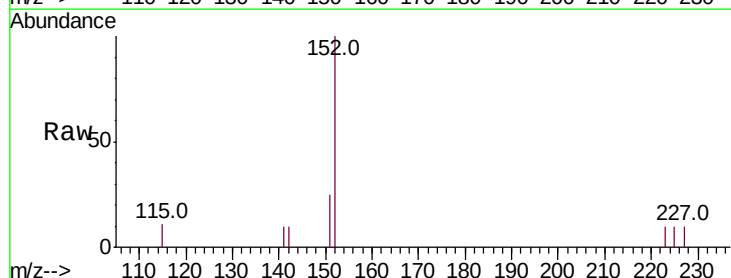
Acq: 19 Sep 2018 23:43

Tgt Ion:152 Resp: 1518

Ion Ratio Lower Upper

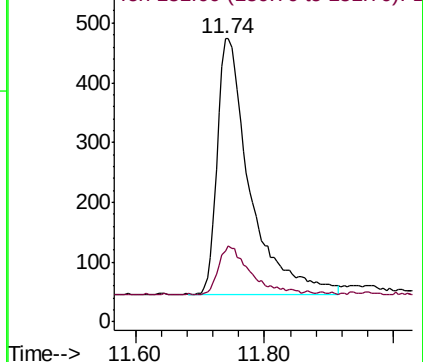
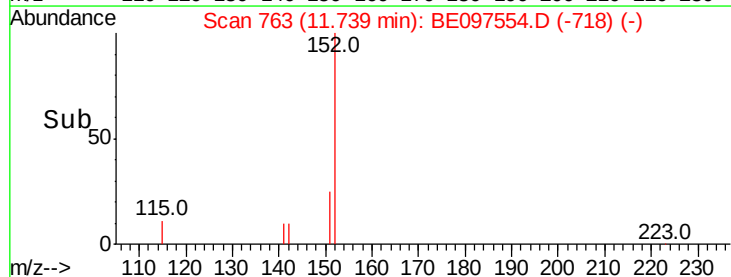
152 100

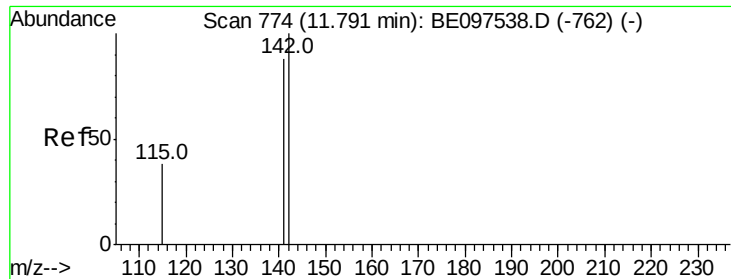
151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 11.79 min Scan# 774

Delta R.T. 0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

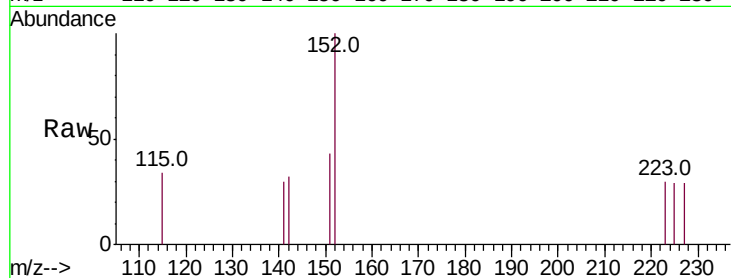
Tot Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 95.9 70.4 105.6

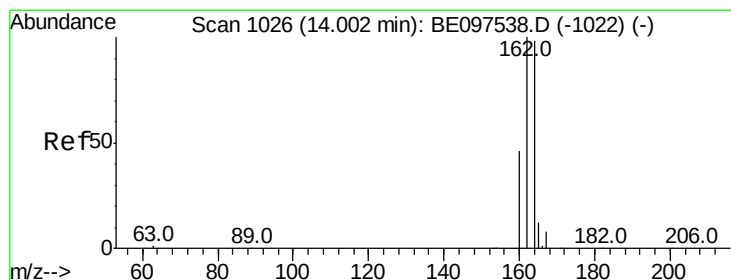
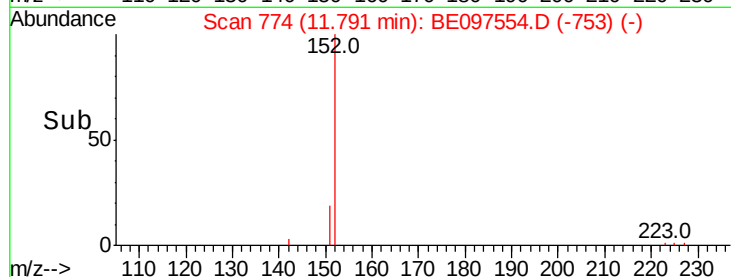
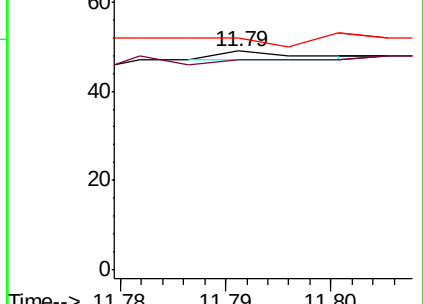
115 106.1 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

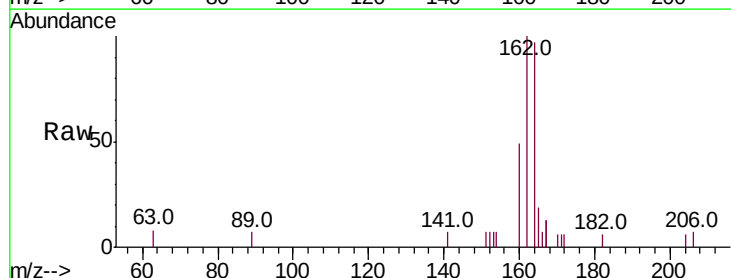
Tgt Ion:164 Resp: 1488

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

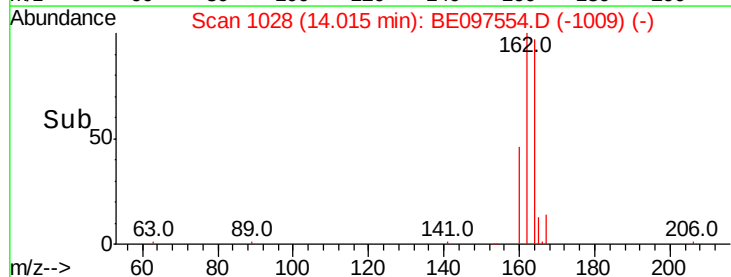
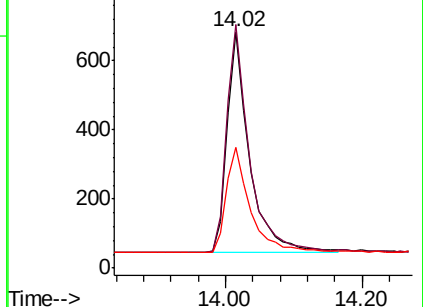
160 50.8 37.1 55.7

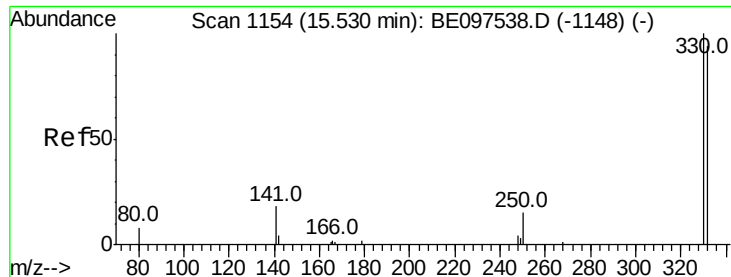


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

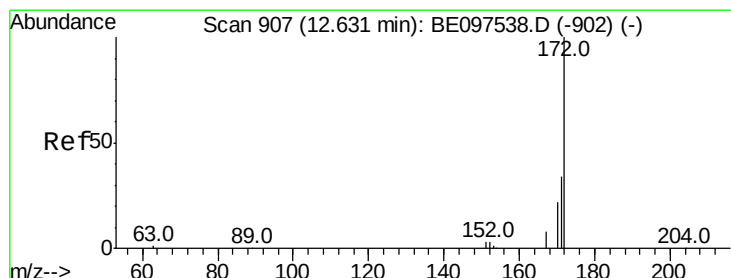
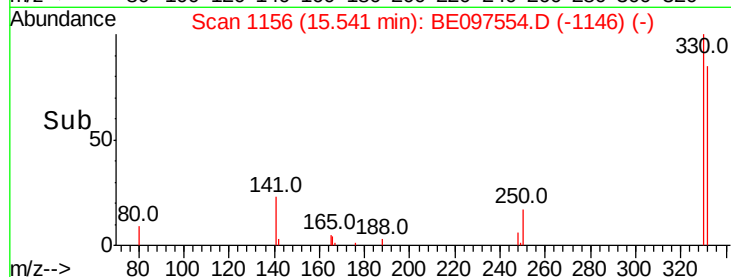
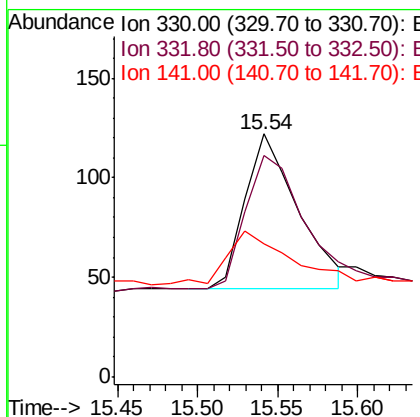
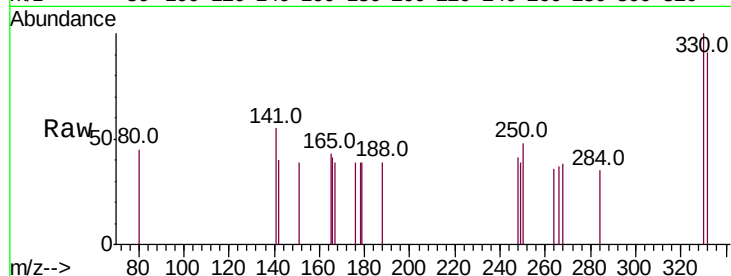




#14
 2,4,6-Tribromophenol
 Concen: 0.343 ng
 RT: 15.54 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

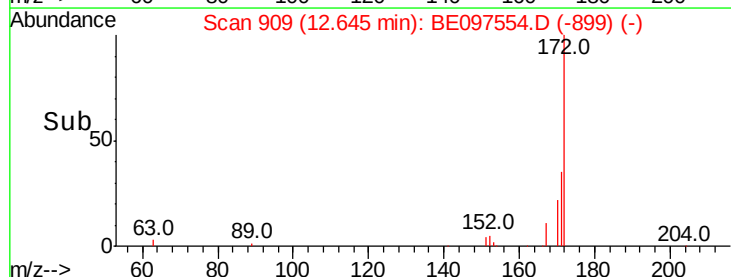
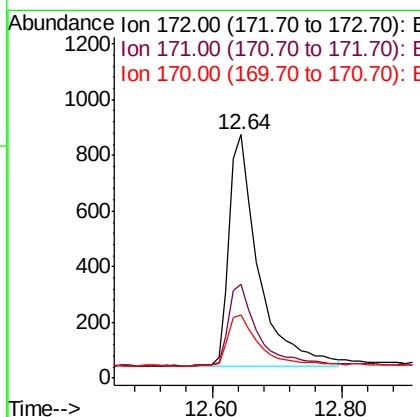
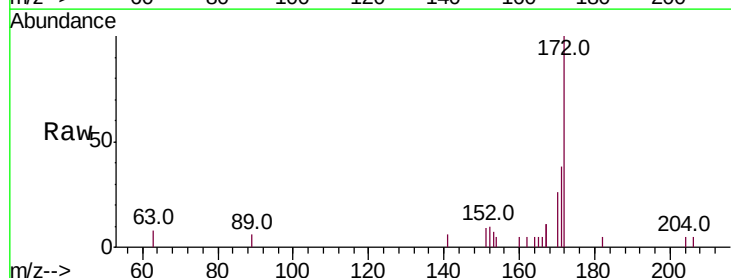
Instrument :
 BNA_E
 ClientSampled :

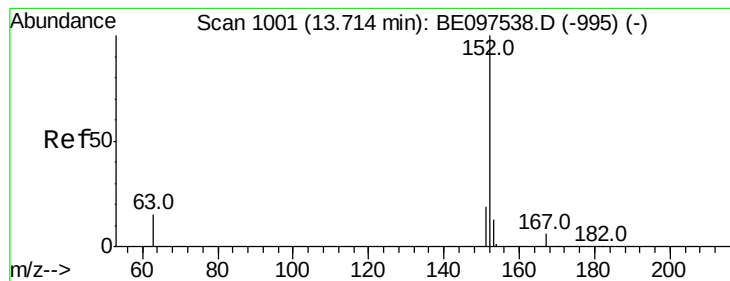
Tot Ion:330 Resp: 180
 Ion Ratio Lower Upper
 330 100
 332 97.8 152.7 229.1#
 141 42.8 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.492 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

Tgt Ion:172 Resp: 2586
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.9 44.9
 170 26.2 21.8 32.8





#16

Acenaphthylene

Concen: 0.001 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

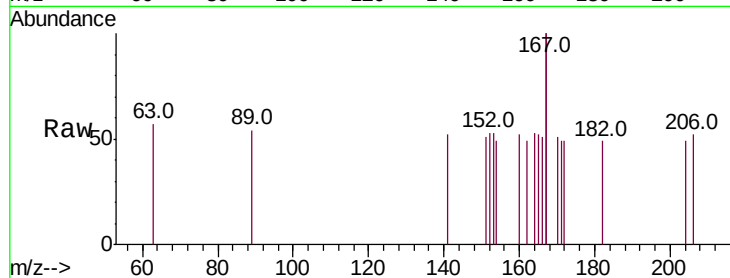
Tot Ion:152 Resp: 3

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

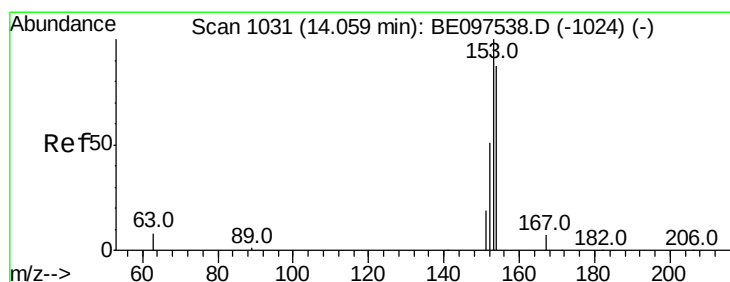
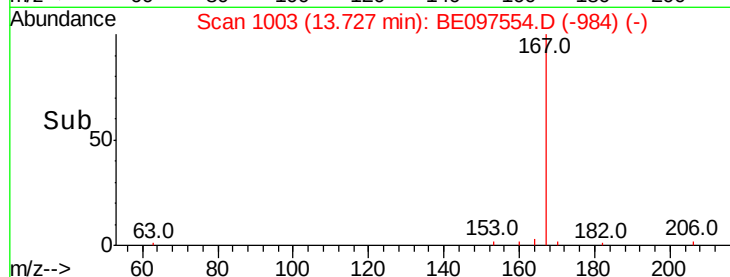
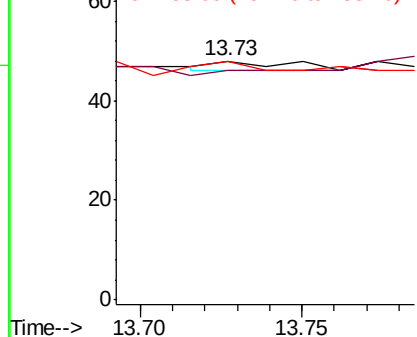
153 166.7 10.5 15.7#



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: 0.002 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

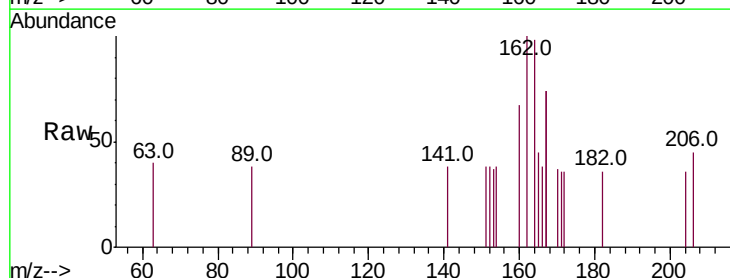
Tgt Ion:154 Resp: 7

Ion Ratio Lower Upper

154 100

153 0.0 89.2 133.8#

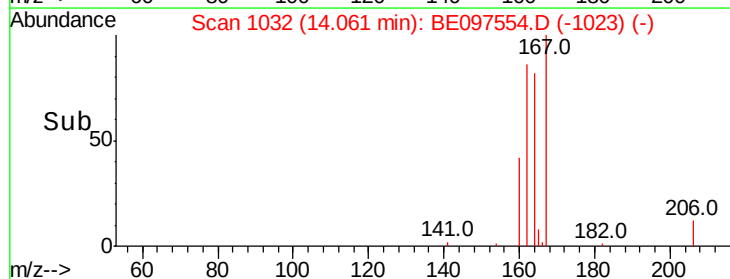
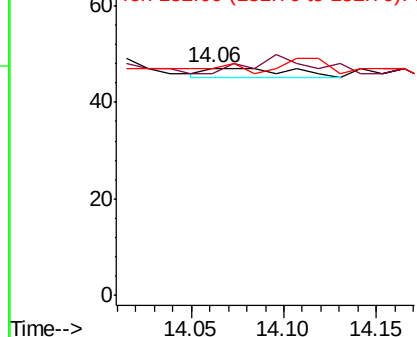
152 57.1 42.0 63.0

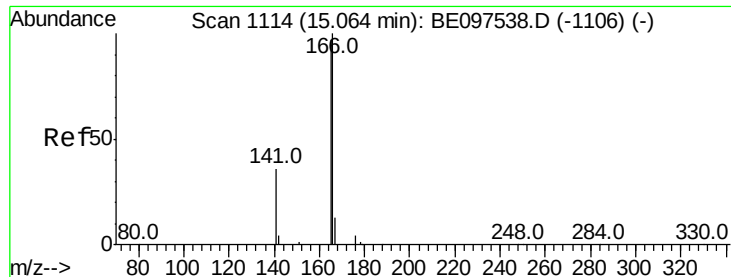


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 15.09 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

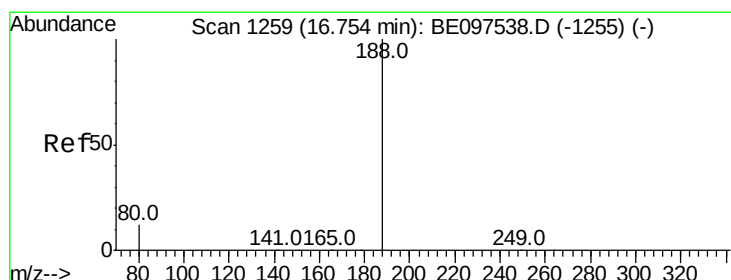
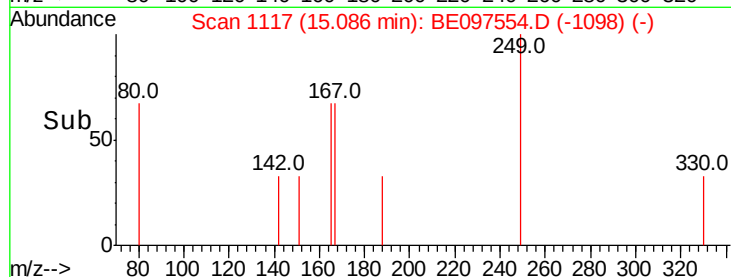
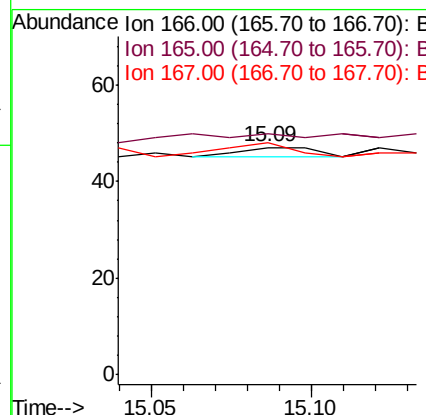
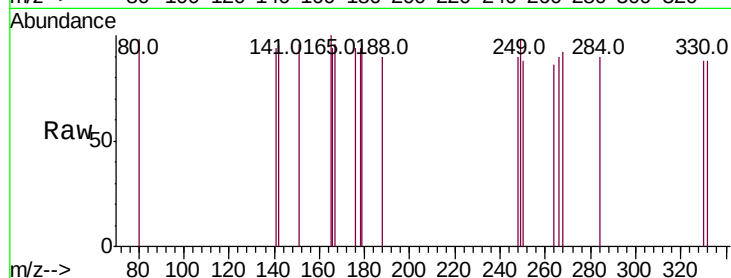
Instrument :

BNA_E

ClientSampled :

Tot Ion:166 Resp: 3

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.6#
167	166.7	42.4	63.6#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

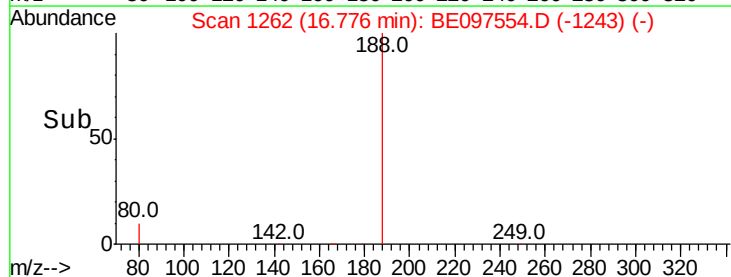
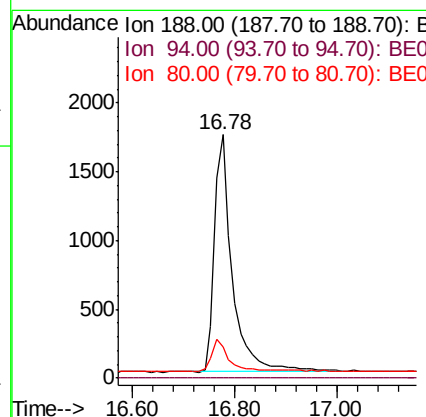
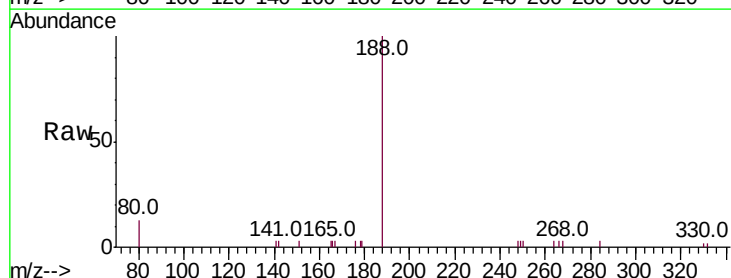
Delta R.T. 0.02 min

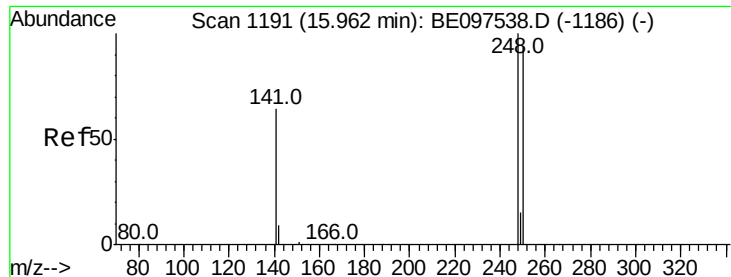
Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Tgt Ion:188 Resp: 4202

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.5	3.6	5.4#

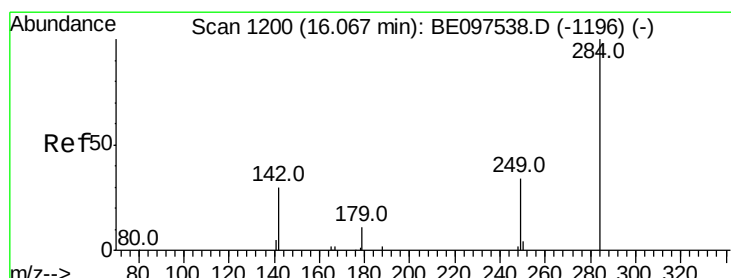
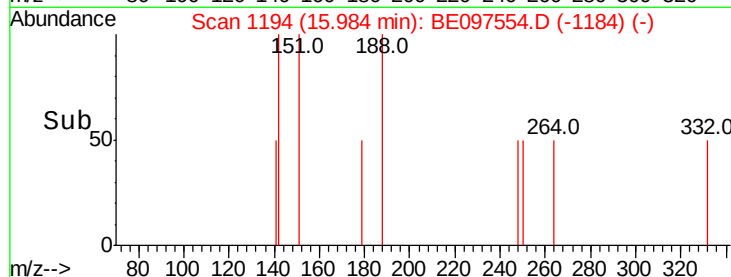
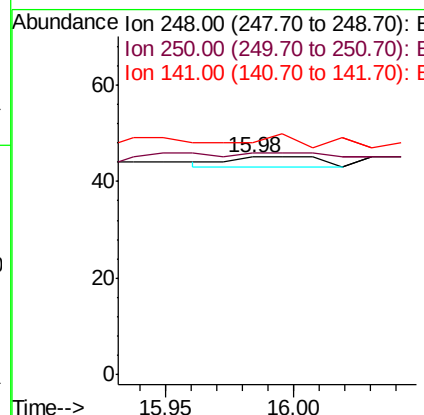
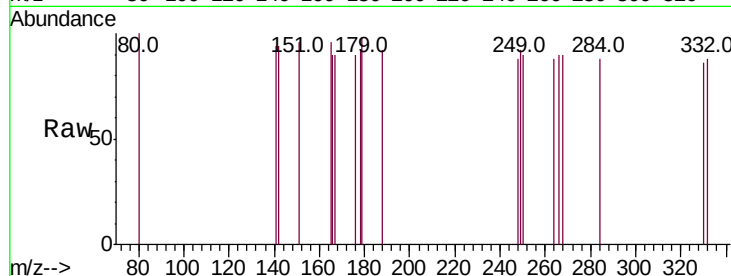




#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.02 min
Lab File: BE097554.D
Acq: 19 Sep 2018 23:43

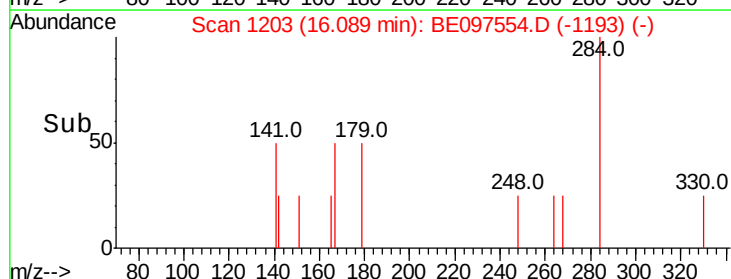
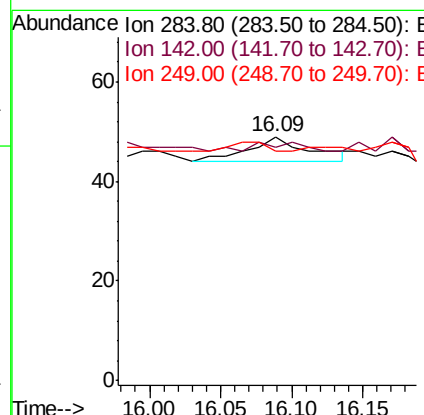
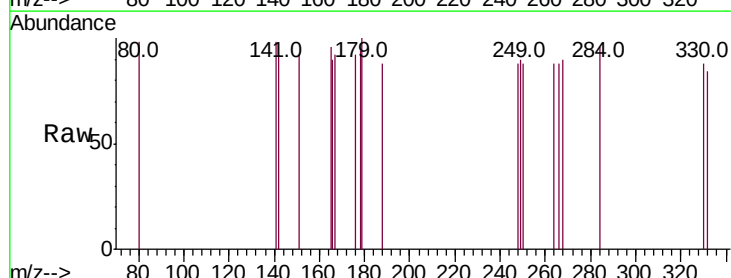
Instrument :
BNA_E
ClientSampled :

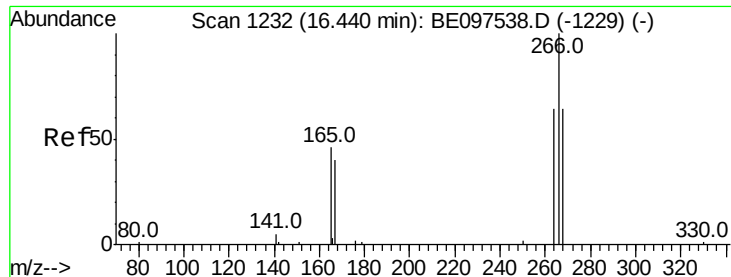
Tot Ion:248 Resp: 5
Ion Ratio Lower Upper
248 100
250 102.2 62.7 94.1#
141 106.7 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.007 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BE097554.D
Acq: 19 Sep 2018 23:43

Tgt Ion:284 Resp: 15
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#



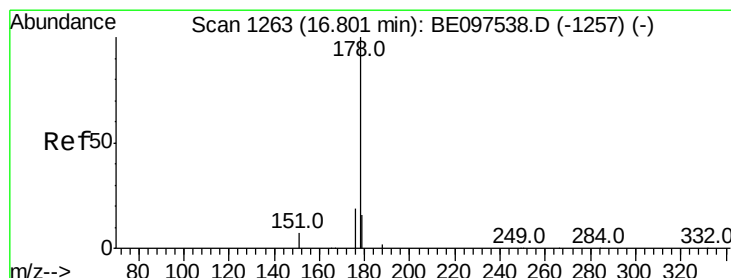
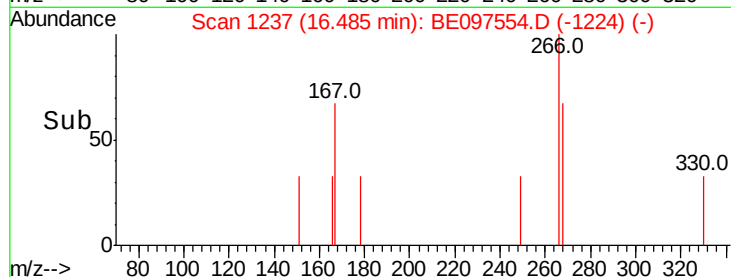
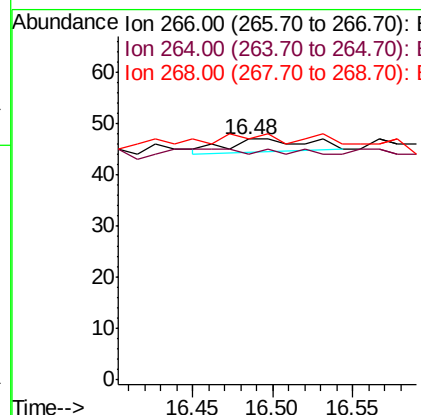
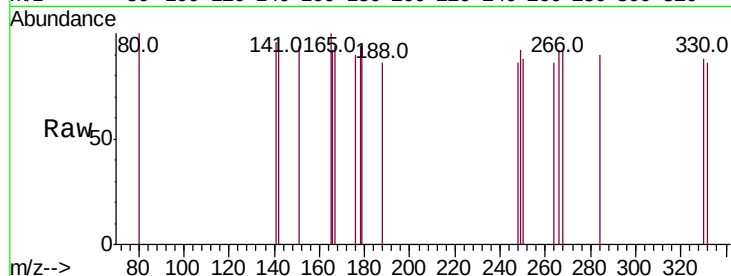


#22
 Pentachlorophenol
 Concen: 0.139 ng
 RT: 16.48 min Scan# 1237
 Delta R.T. 0.05 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 9

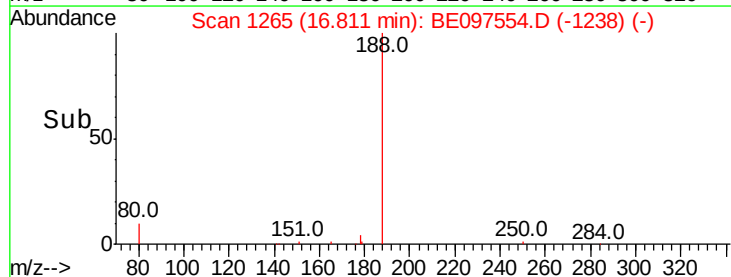
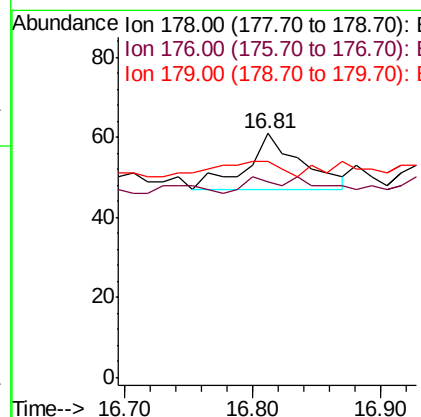
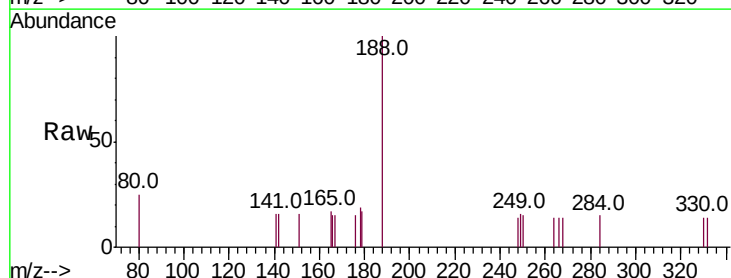
Ion	Ratio	Lower	Upper
266	100		
264	93.6	72.5	108.7
268	100.0	73.8	110.6

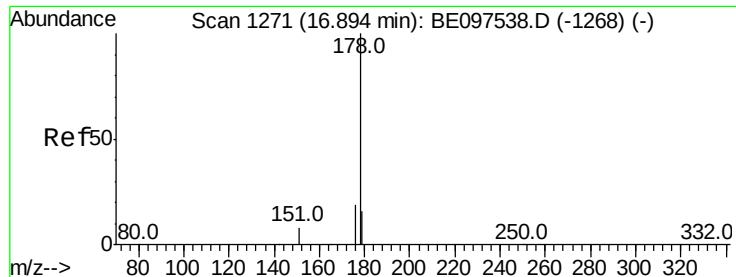


#23
 Phenanthrene
 Concen: 0.004 ng
 RT: 16.81 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

Tgt Ion:178 Resp: 41

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.1	22.7
179	34.1	11.8	17.6#

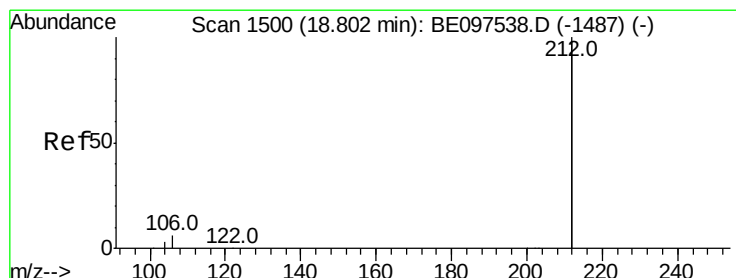
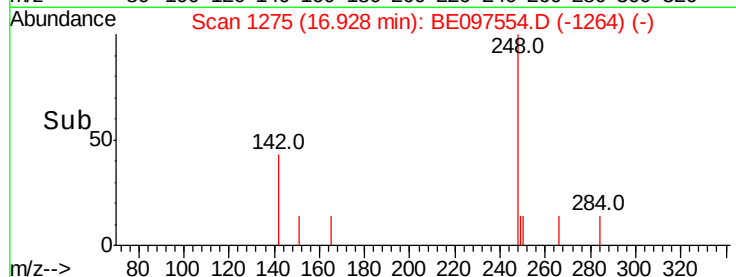
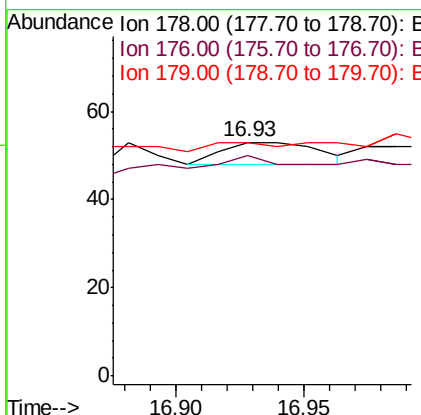
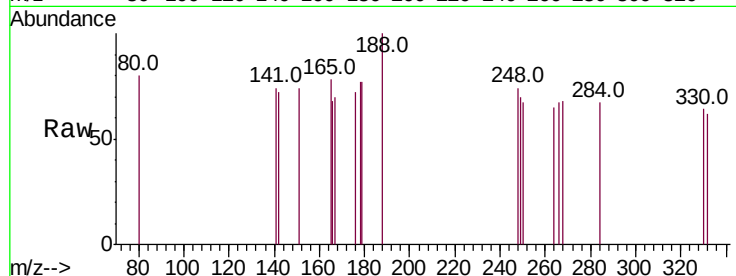




#24
 Anthracene
 Concen: 0.001 ng
 RT: 16.93 min Scan# 1275
 Delta R.T. 0.03 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

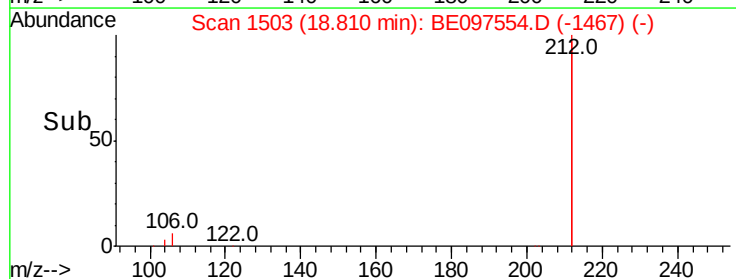
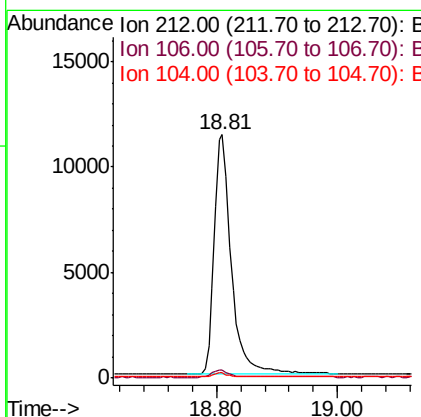
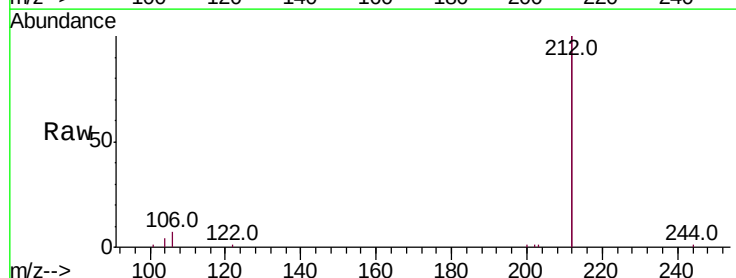
Instrument :
 BNA_E
 ClientSampled :

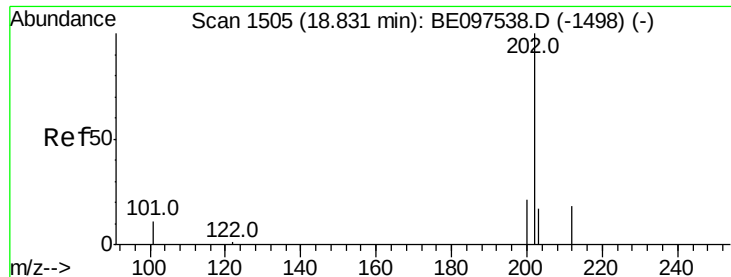
Tot Ion:178 Resp: 13
 Ion Ratio Lower Upper
 178 100
 176 38.5 12.8 19.2#
 179 23.1 13.0 19.6#



#25
 Fluoranthene-d10
 Concen: 0.422 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

Tgt Ion:212 Resp: 22720
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.6 1.6 2.4

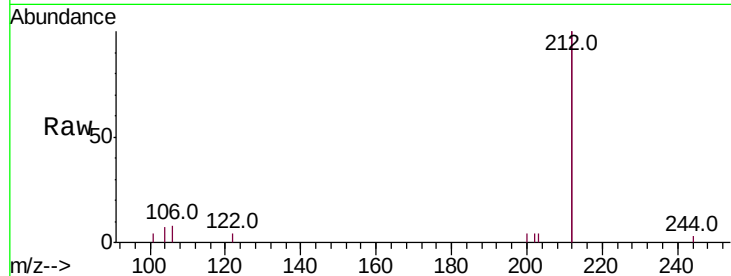




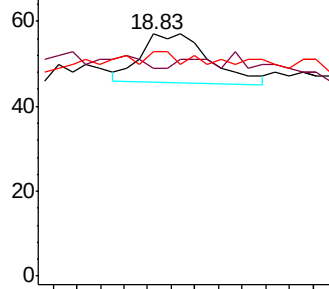
#26
Fluoranthene
Concen: 0.002 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097554.D
Acq: 19 Sep 2018 23:43

Instrument :
BNA_E
ClientSampleId :

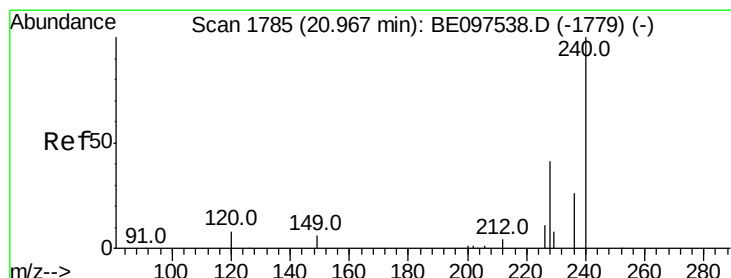
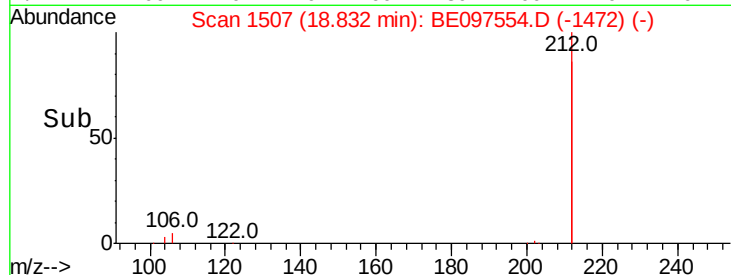
Tot Ion:202 Resp: 23
Ion Ratio Lower Upper
202 100
101 0.0 9.8 14.8#
203 60.9 13.7 20.5#



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

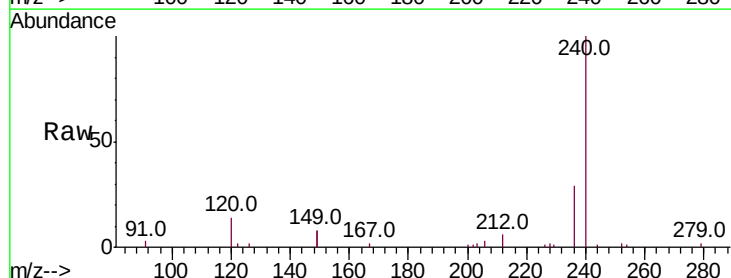


Time-->

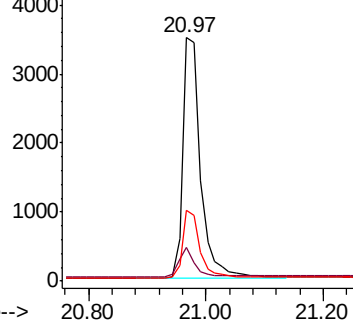


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097554.D
Acq: 19 Sep 2018 23:43

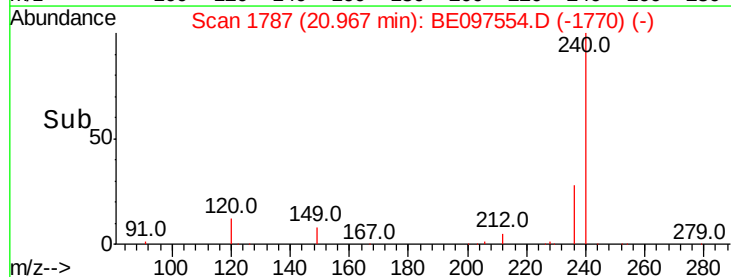
Tgt Ion:240 Resp: 7360
Ion Ratio Lower Upper
240 100
120 13.7 5.5 8.3#
236 29.0 20.7 31.1

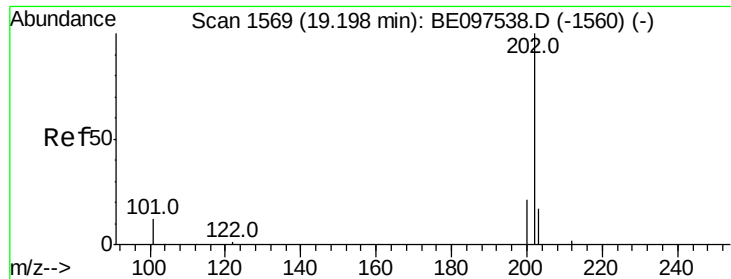


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#28

Pvrene

Concen: 0.002 ng

RT: 19.21 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

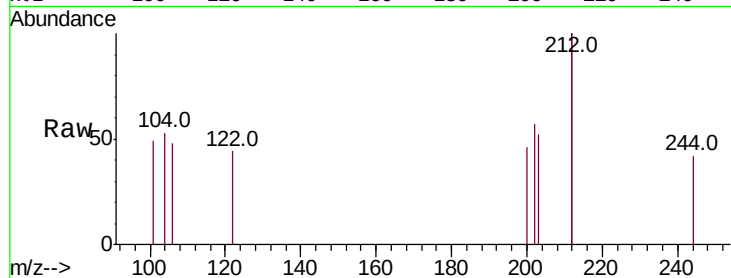
Tot Ion:202 Resp: 35

Ion Ratio Lower Upper

202 100

200 11.4 16.6 25.0#

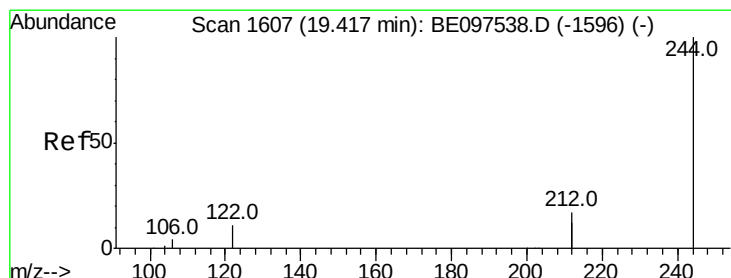
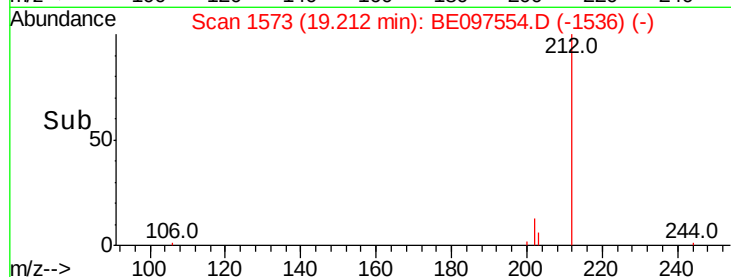
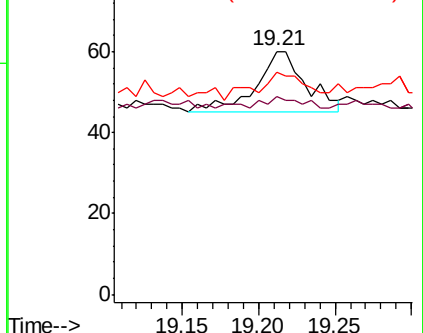
203 17.1 13.8 20.8



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: 0.487 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

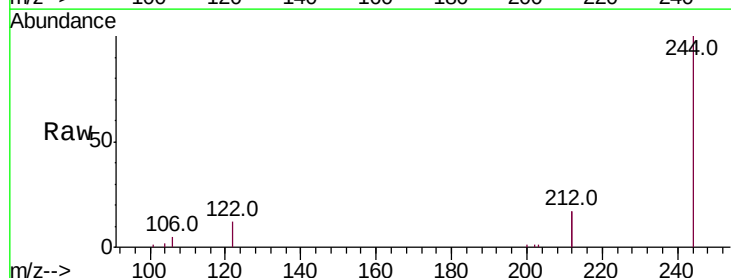
Tgt Ion:244 Resp: 6558

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

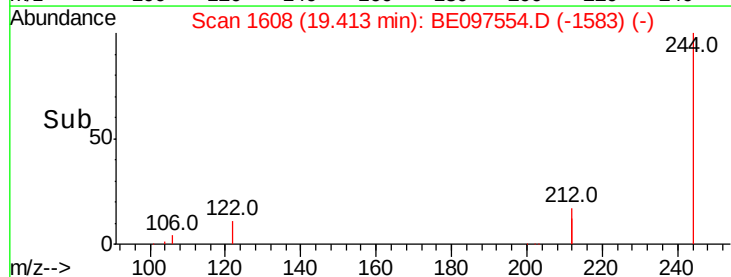
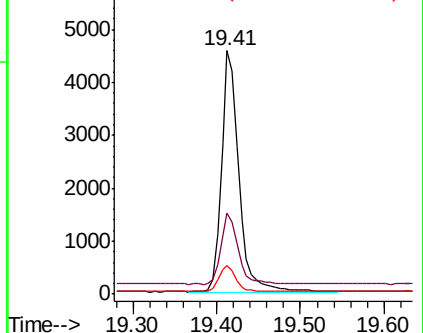
122 11.8 8.1 12.1

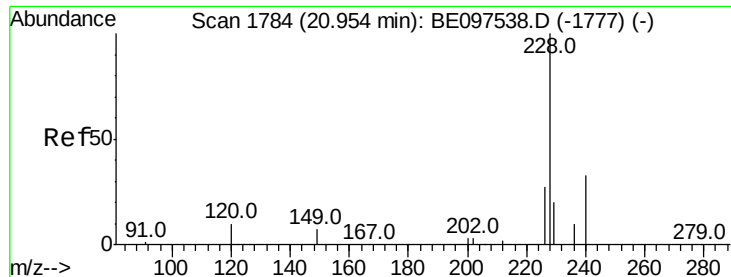


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

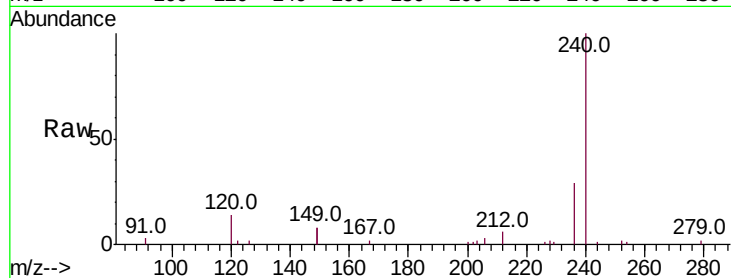
Tot Ion:228 Resp: 61

Ion Ratio Lower Upper

228 100

226 76.6 24.0 36.0#

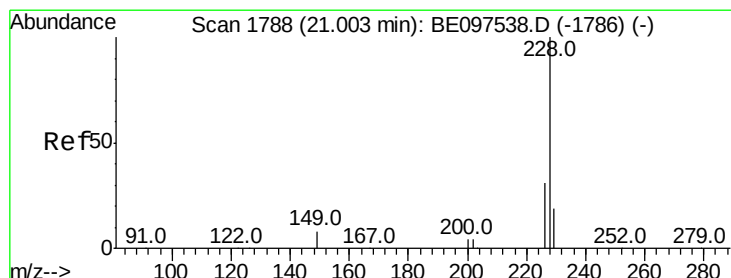
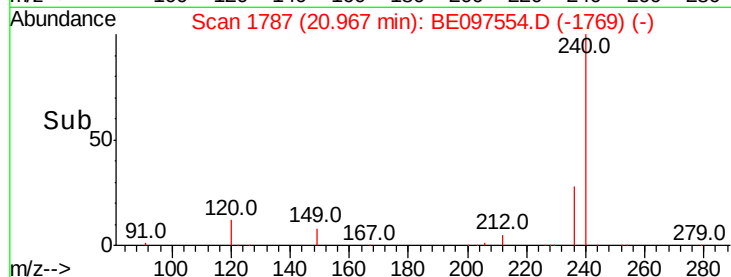
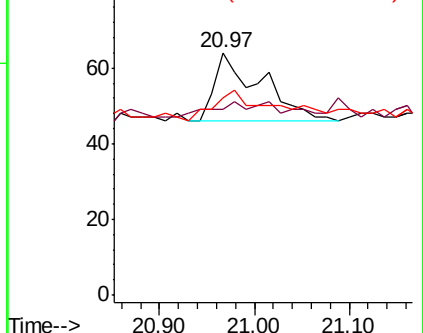
229 81.3 16.0 24.0#



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: 0.003 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.04 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

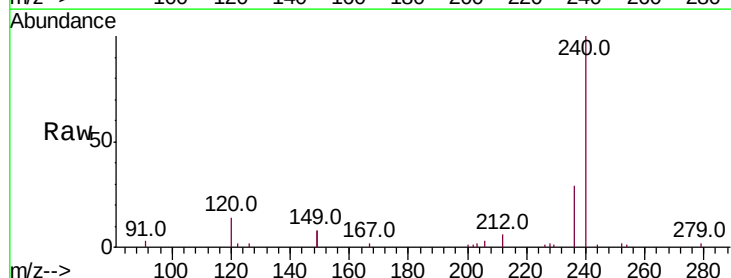
Tgt Ion:228 Resp: 61

Ion Ratio Lower Upper

228 100

226 76.6 24.0 36.0#

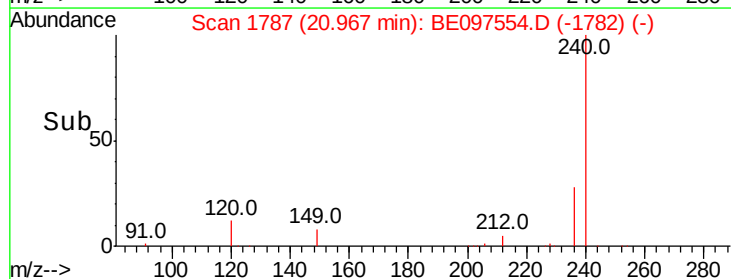
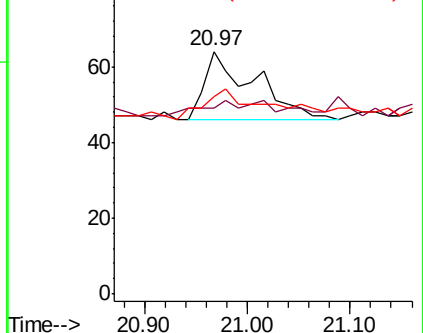
229 81.3 16.0 24.0#

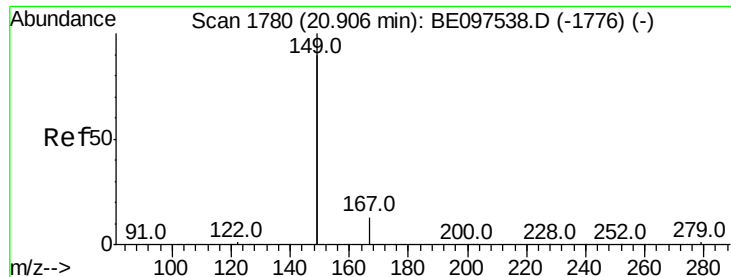


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 20.91 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

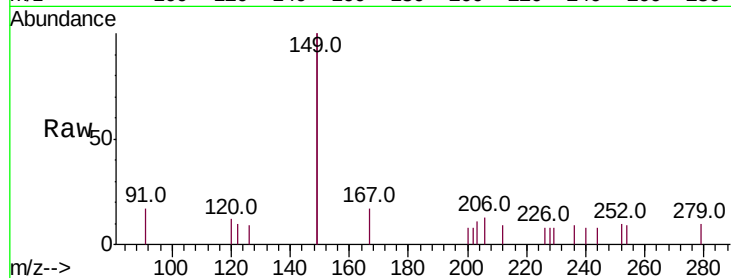
Tot Ion:149 Resp: 967

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

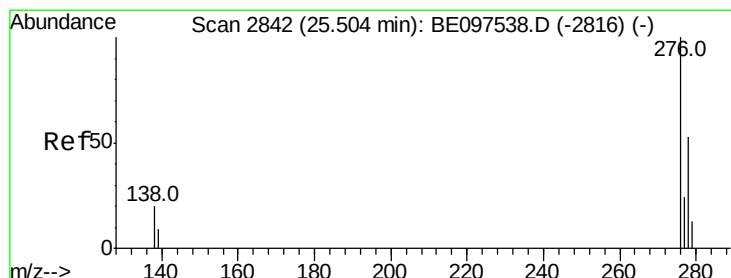
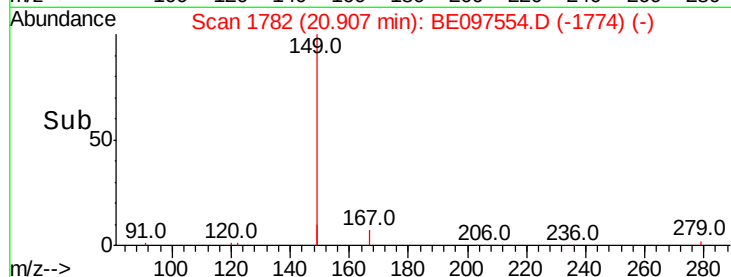
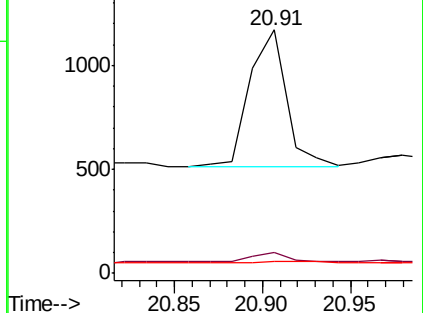
279 2.1 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

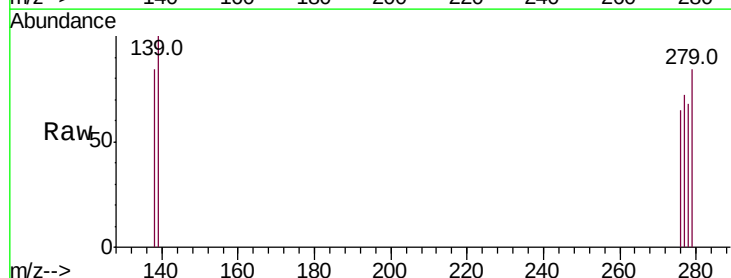
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

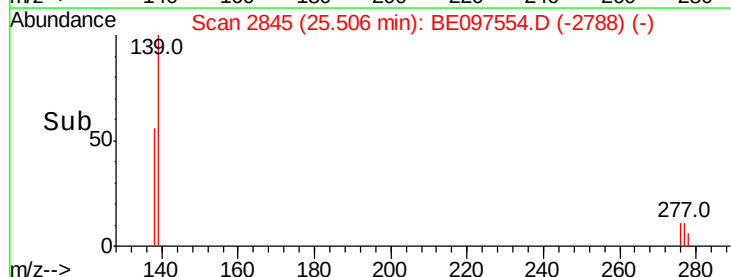
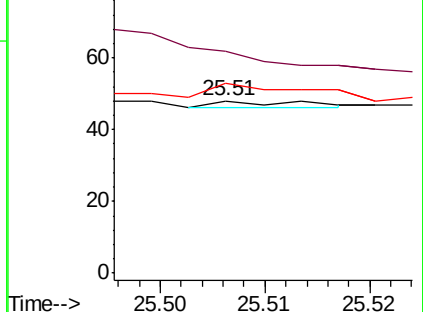
277 300.0 19.9 29.9#

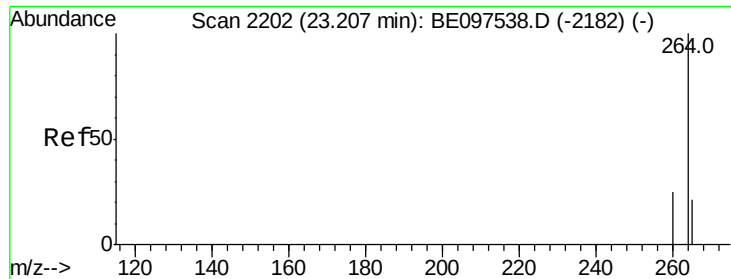


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

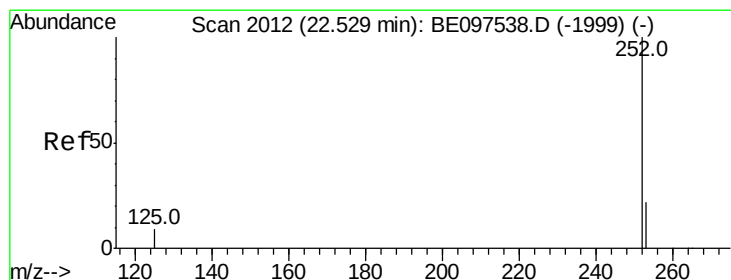
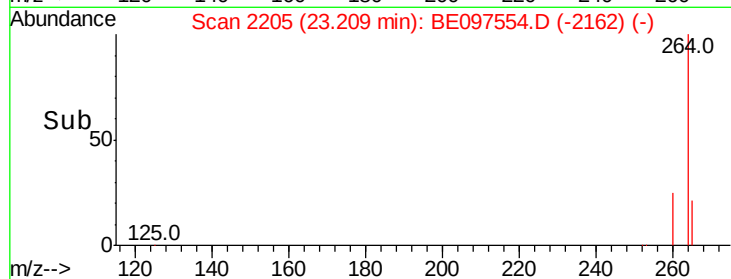
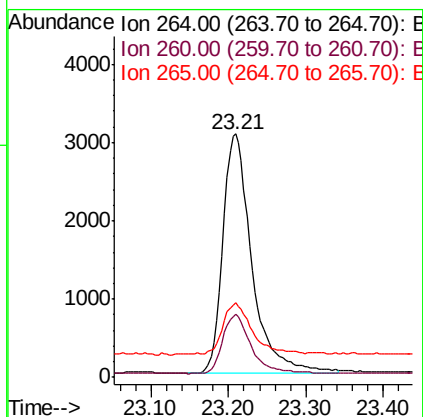
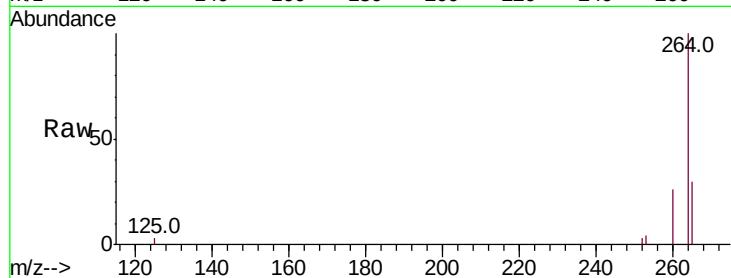




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

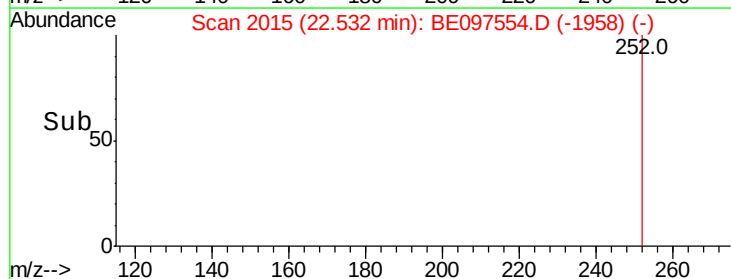
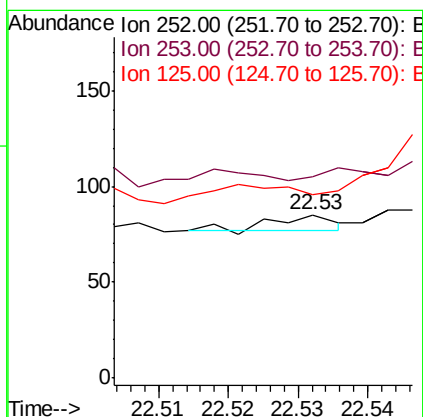
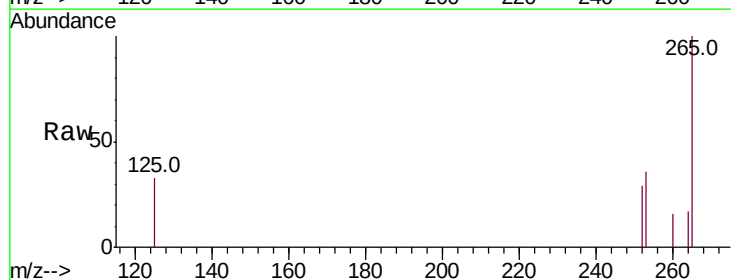
Instrument :
 BNA_E
 ClientSampleId :

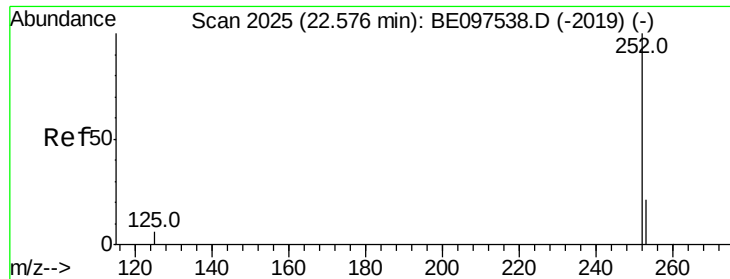
Tot Ion:264 Resp: 7983
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 30.5 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.000 ng
 RT: 22.53 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BE097554.D
 Acq: 19 Sep 2018 23:43

Tgt Ion:252 Resp: 5
 Ion Ratio Lower Upper
 252 100
 253 123.5 20.0 30.0#
 125 112.9 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 22.60 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Instrument :

BNA_E

ClientSampleId :

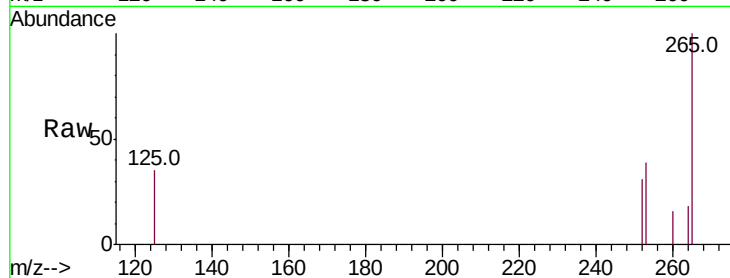
Tot Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 126.1 16.0 24.0#

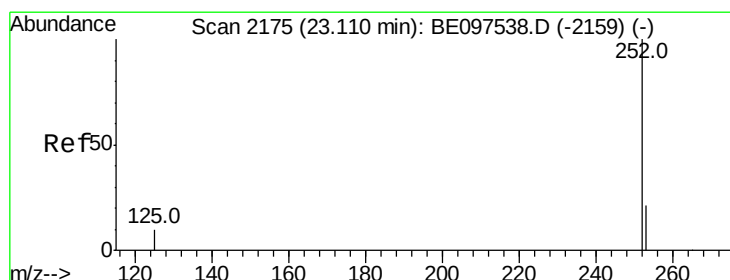
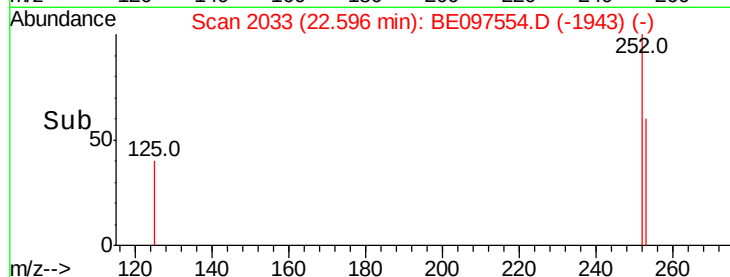
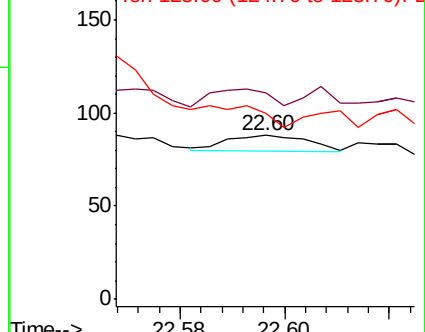
125 113.6 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

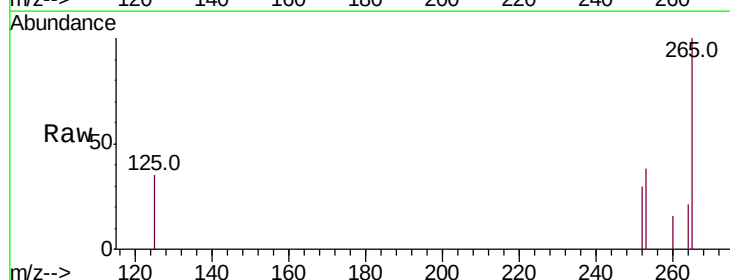
Tgt Ion:252 Resp: 7

Ion Ratio Lower Upper

252 100

253 129.1 16.0 24.0#

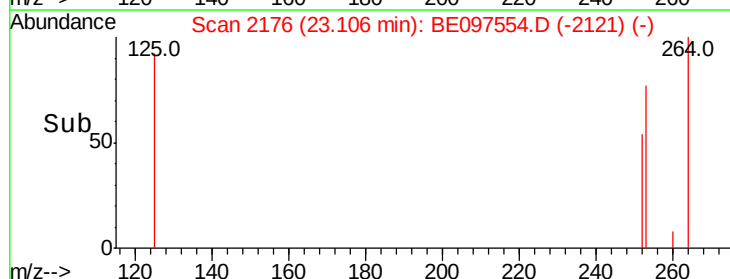
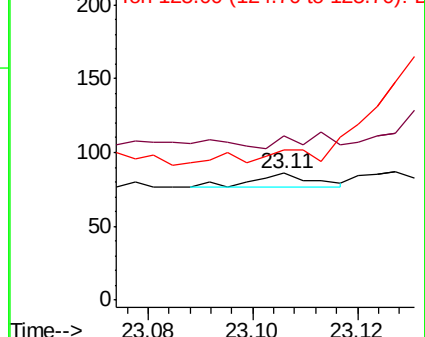
125 118.6 12.0 18.0#

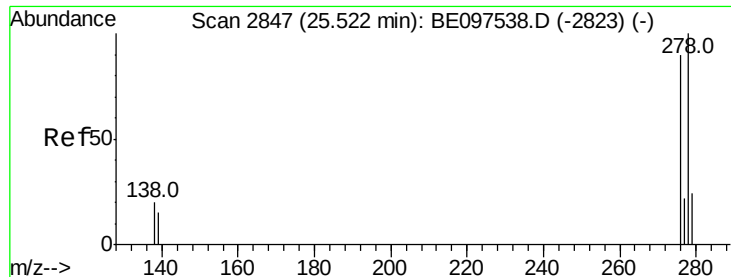


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.00 min

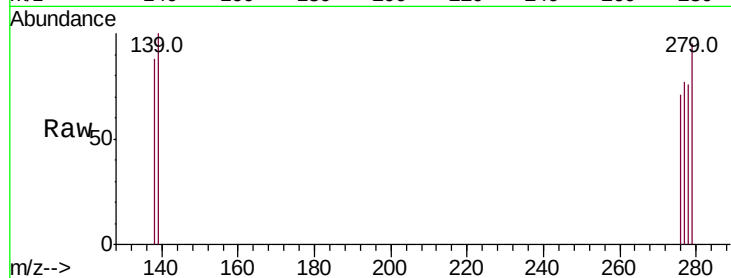
Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

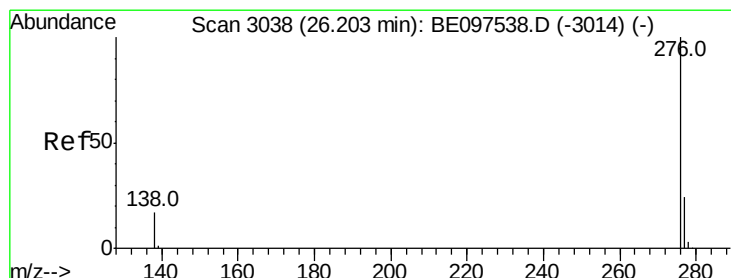
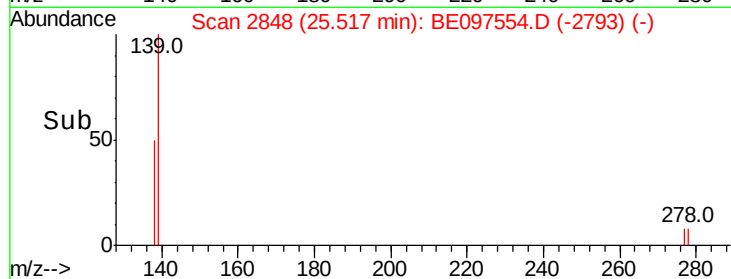
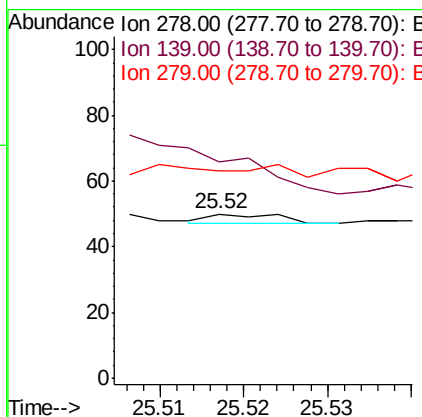
Instrument :

BNA_E

ClientSampled :



Tot	Ion:278	Resp:	2
Ion	Ratio	Lower	Upper
278	100		
139	132.0	16.0	24.0#
279	126.0	20.0	30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.20 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BE097554.D

Acq: 19 Sep 2018 23:43

Tgt	Ion:276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
277	100.0	16.0	24.0#
138	110.2	20.0	30.0#

