

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097548.D
 Acq On : 19 Sep 2018 20:03
 Operator : SJ/JU
 Sample : J4958-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 20 05:09:38 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	694	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	2961	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1540	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	4335	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7623	0.40	ng	0.00
34) Perylene-d12	23.20	264	8262	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	344	0.17	ng	0.01
5) Phenol-d6	6.61	99	232	0.09	ng	0.01
8) Nitrobenzene-d5	8.54	82	831	0.36	ng	0.02
11) 2-Methylnaphthalene-d10	11.74	152	1510	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	252	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	2703	0.50	ng	0.00
25) Fluoranthene-d10	18.80	212	23485	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	5825	0.42	ng	0.00

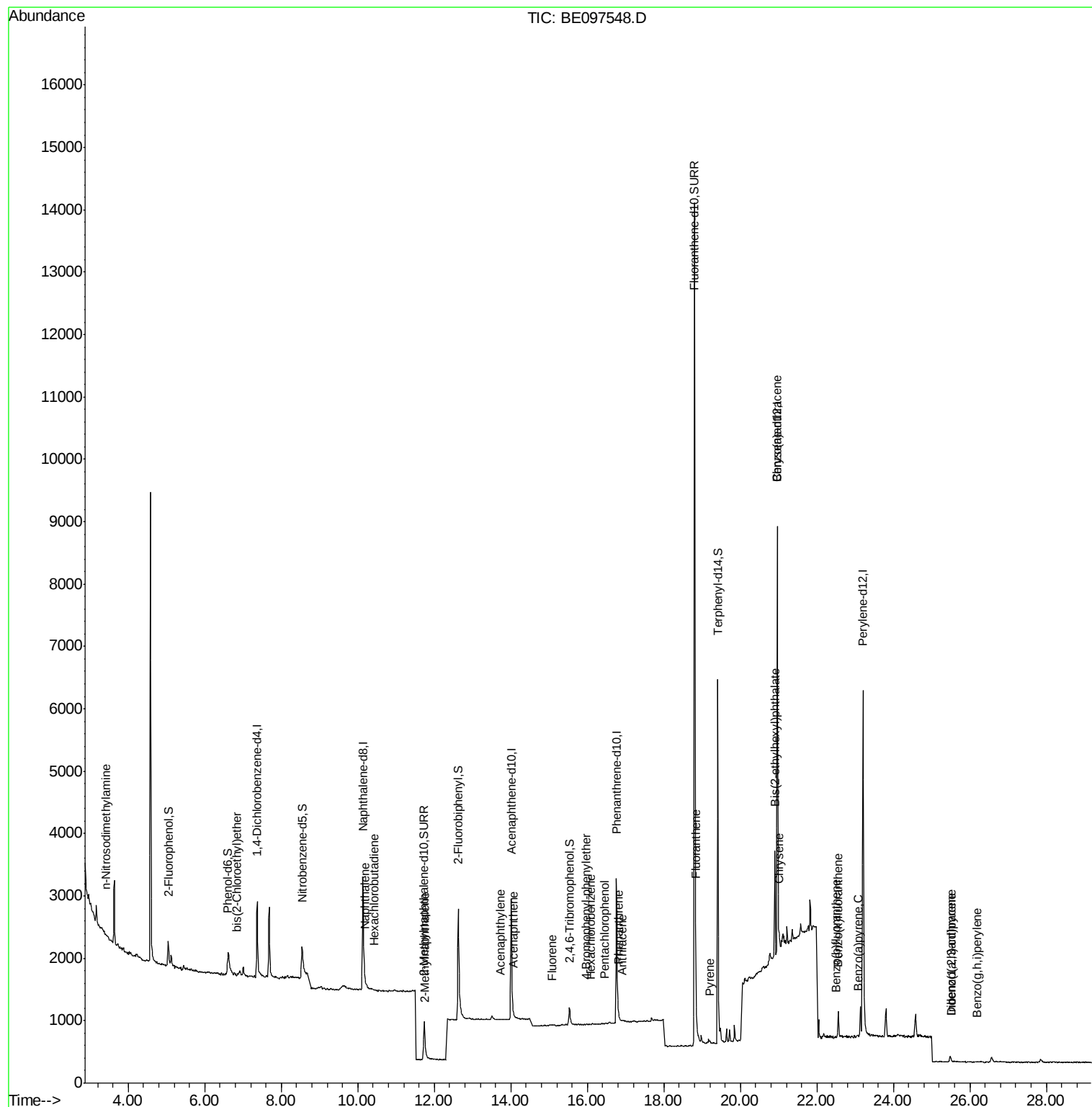
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.42	42	7	0.023	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	11	0.004	ng	# 1
9) Naphthalene	10.19	128	76	0.003	ng	# 48
10) Hexachlorobutadiene	10.43	225	4	0.003	ng	# 49
12) 2-Methylnaphthalene	11.78	142	2	0.000	ng	# 61
16) Acenaphthylene	13.74	152	6	0.001	ng	# 1
17) Acenaphthene	14.07	154	3	0.001	ng	# 69
18) Fluorene	15.09	166	20	0.004	ng	# 10
20) 4-Bromophenyl-phenylether	15.97	248	2	0.001	ng	# 55
21) Hexachlorobenzene	16.09	284	6	0.003	ng	# 51
22) Pentachlorophenol	16.46	266	5	0.135	ng	95
23) Phenanthrene	16.81	178	44	0.004	ng	# 82
24) Anthracene	16.92	178	48	0.005	ng	# 94
26) Fluoranthene	18.84	202	48	0.003	ng	# 75
28) Pyrene	19.21	202	50	0.003	ng	98
30) Benzo(a)anthracene	20.97	228	36	0.002	ng	# 1
31) Chrysene	21.00	228	20	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	2317	0.082	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.52	276	7	0.000	ng	# 68
35) Benzo(b)fluoranthene	22.50	252	7	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.56	252	72	0.003	ng	# 1
37) Benzo(a)pyrene	23.10	252	5	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.19	276	1	0.000	ng	# 1

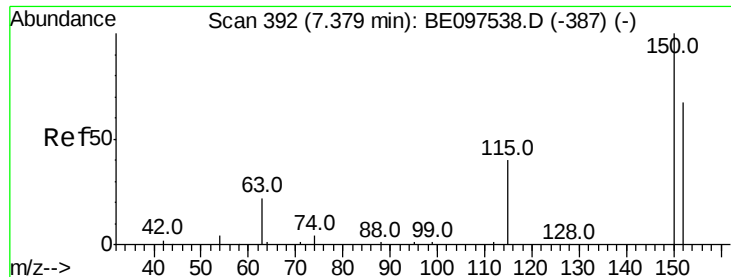
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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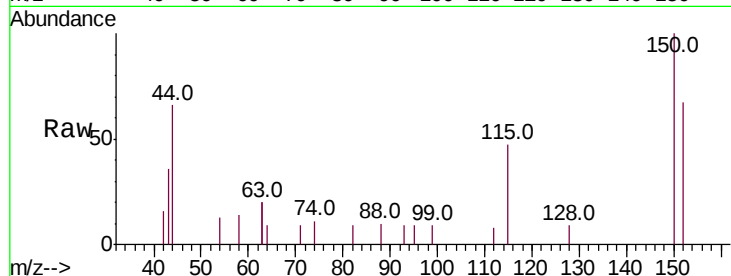


#1

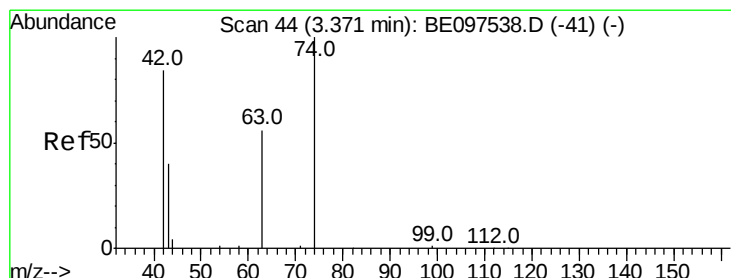
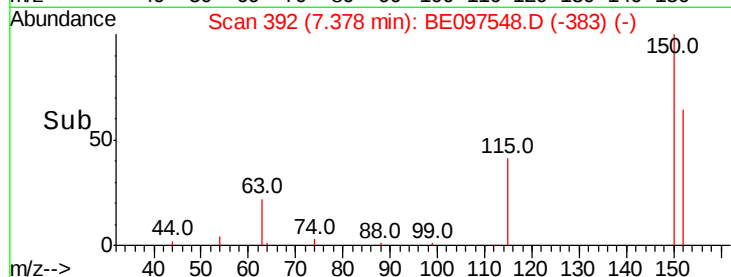
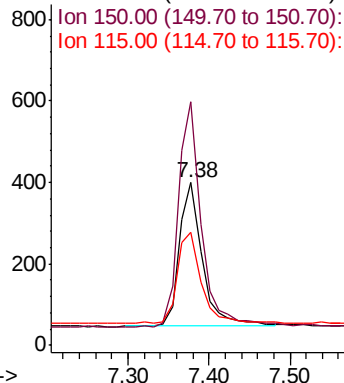
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 694
Ion Ratio Lower Upper
152 100
150 149.9 117.2 175.8
115 69.9 57.0 85.6



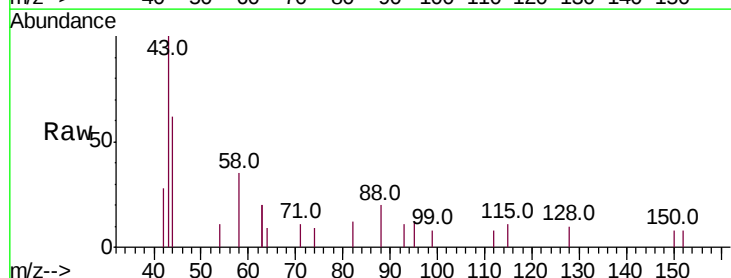
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



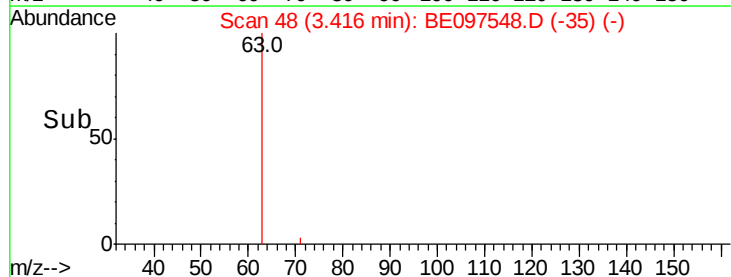
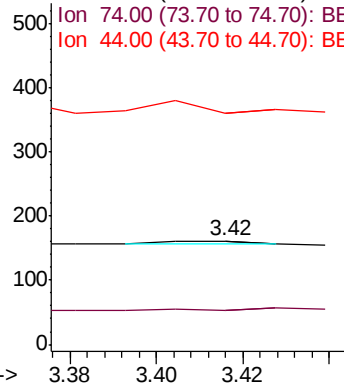
#3

n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.42 min Scan# 48
Delta R.T. 0.04 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Tgt Ion: 42 Resp: 7
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 242.9 12.0 18.0#



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





#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampleId :

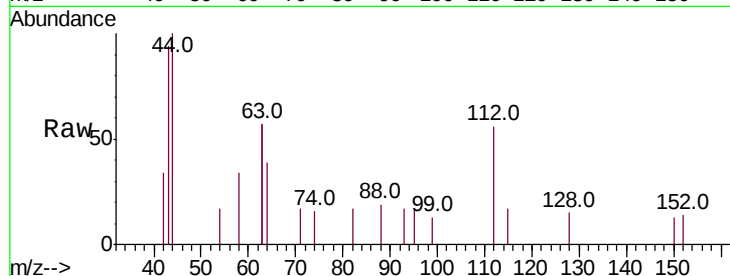
Tot Ion: 112 Resp: 344

Ion Ratio Lower Upper

112 100

64 64.8 60.1 90.1

63 129.4 116.8 175.2



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

500

400

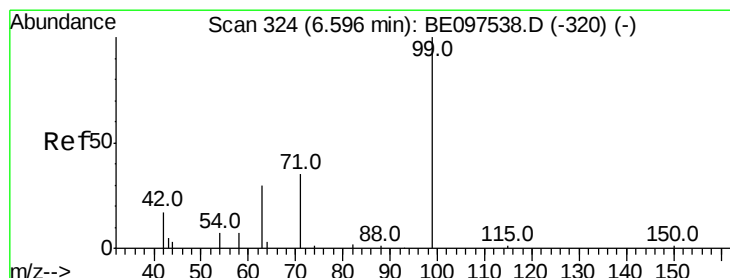
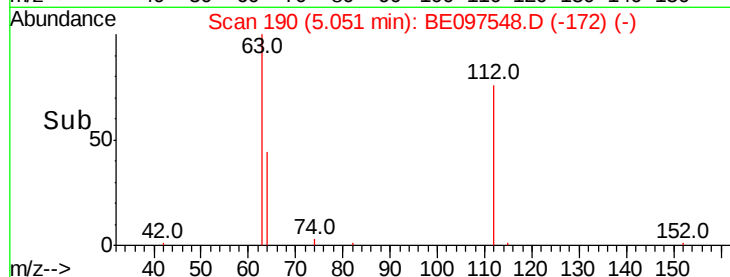
300

200

100

0

Time--> 4.90 5.00 5.10 5.20



#5

Phenol-d6

Concen: 0.087 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

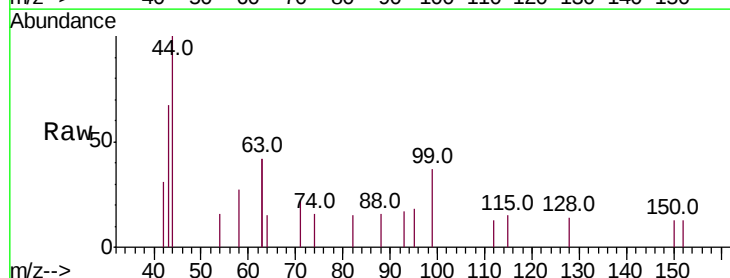
Tgt Ion: 99 Resp: 232

Ion Ratio Lower Upper

99 100

42 30.2 20.2 30.2

71 43.5 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

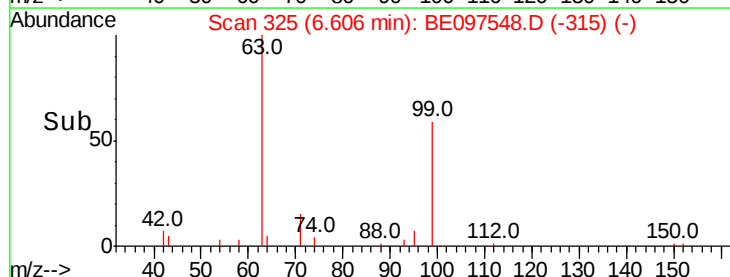
150

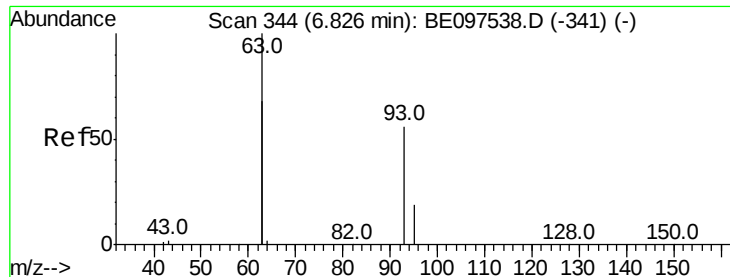
100

50

0

Time--> 6.55 6.60 6.65



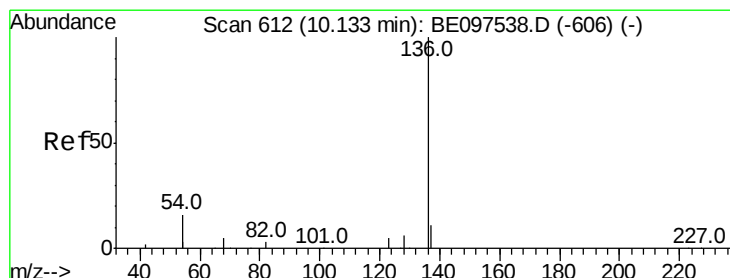
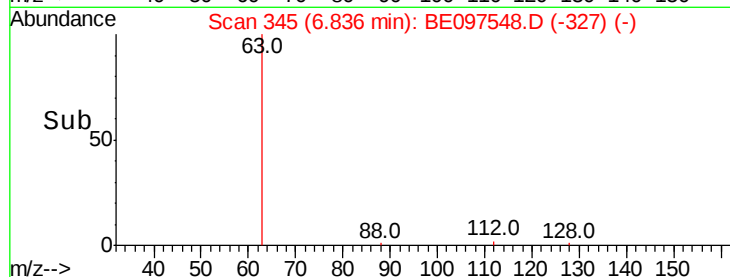
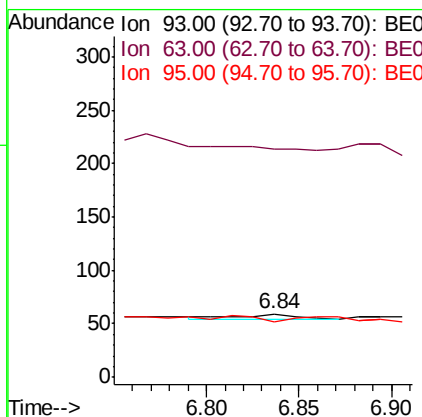
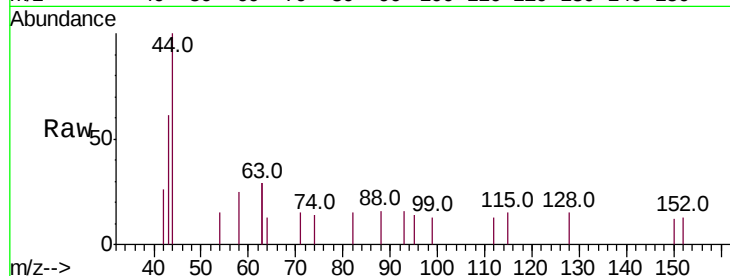


#6

bis(2-Chloroethyl)ether
 Concen: 0.004 ng
 RT: 6.84 min Scan# 345
 Delta R.T. 0.01 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Instrument :
 BNA_E
 ClientSampleId :

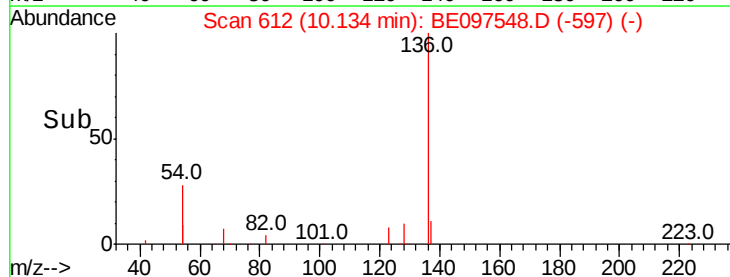
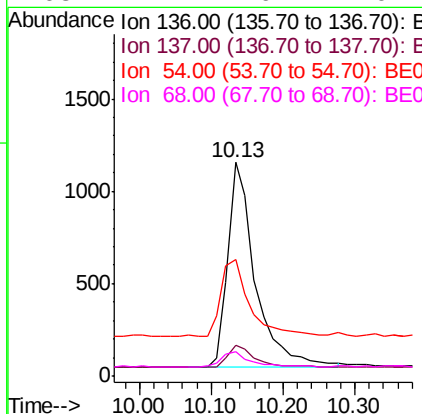
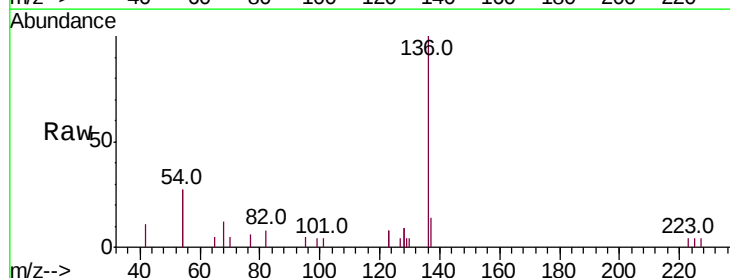
Tot Ion	93	Resp	11
Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#

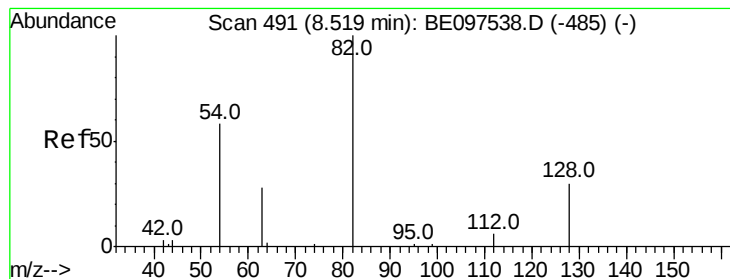


#7

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Tgt Ion	136	Resp	2961
Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.5	14.3
54	54.5	29.1	43.7#
68	11.7	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.363 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.02 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampleId :

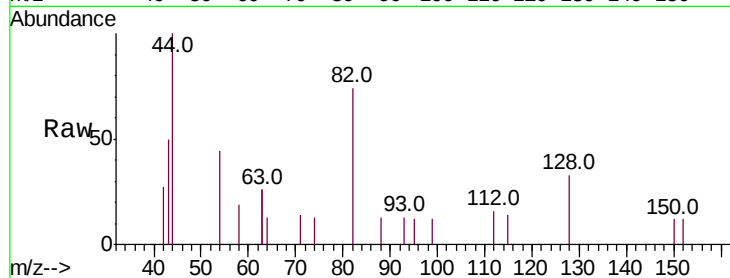
Tot Ion: 82 Resp: 831

Ion Ratio Lower Upper

82 100

128 44.6 24.0 36.0#

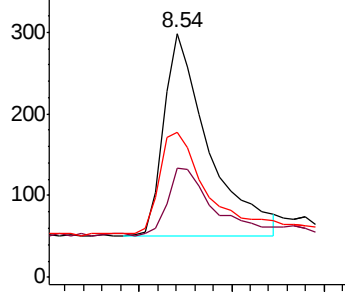
54 59.7 40.0 60.0



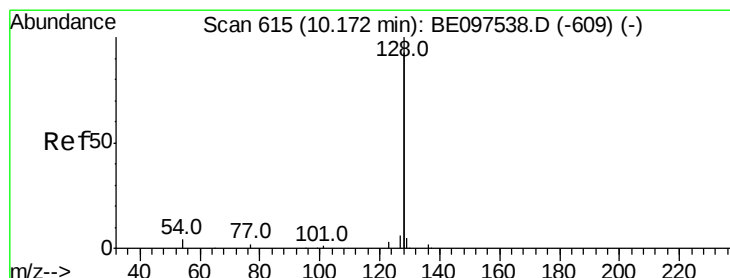
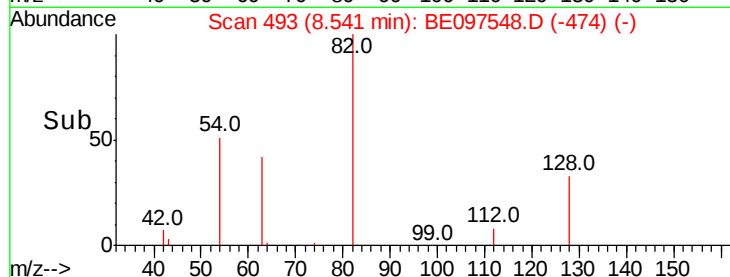
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.003 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

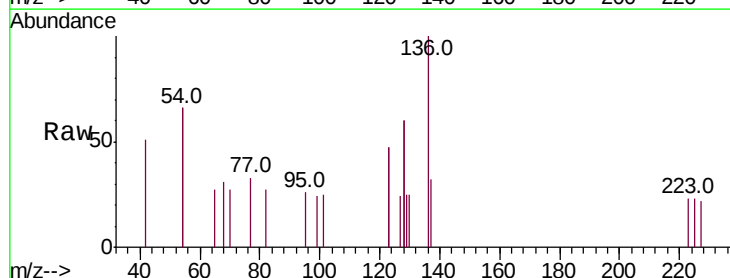
Tgt Ion: 128 Resp: 76

Ion Ratio Lower Upper

128 100

129 21.0 2.6 3.8#

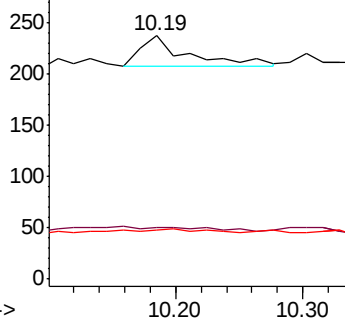
127 20.2 2.8 4.2#



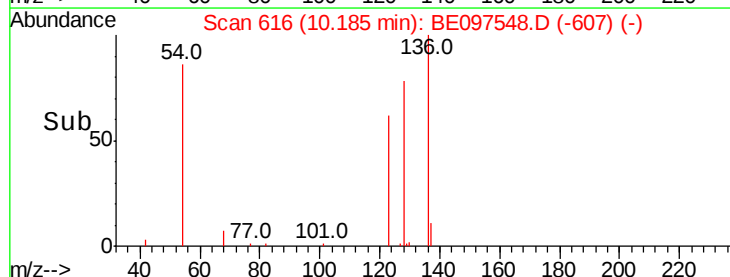
Abundance Ion 128.00 (127.70 to 128.70): E

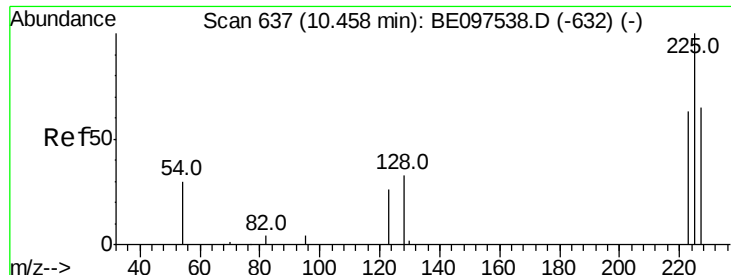
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

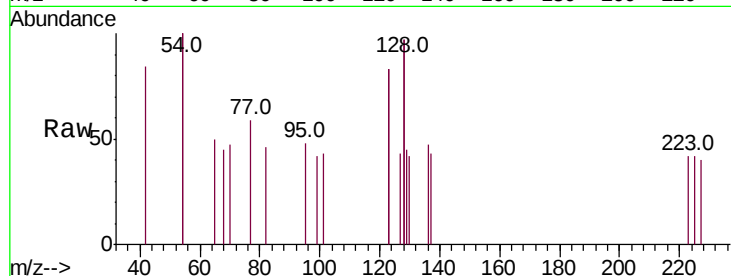




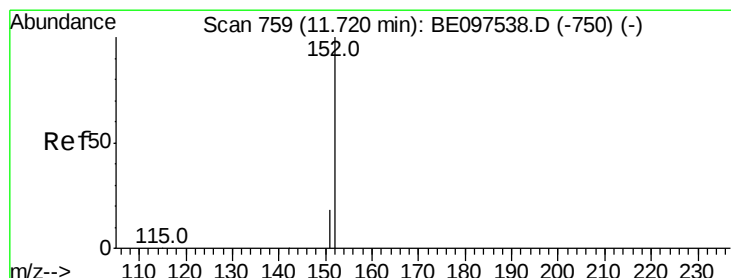
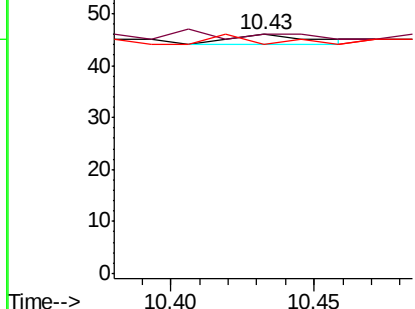
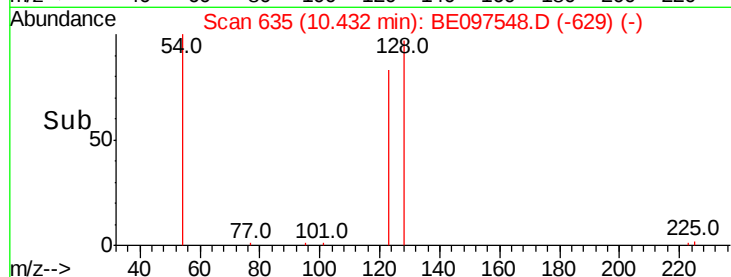
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.43 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 4
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 50.0 51.4 77.2#

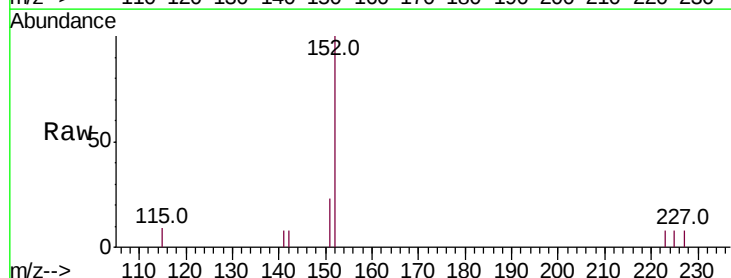


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

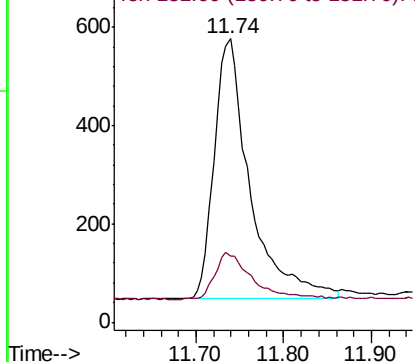
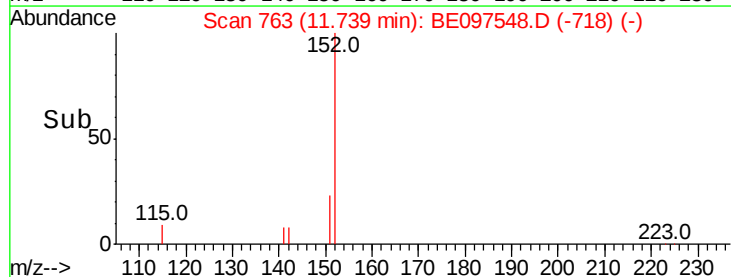


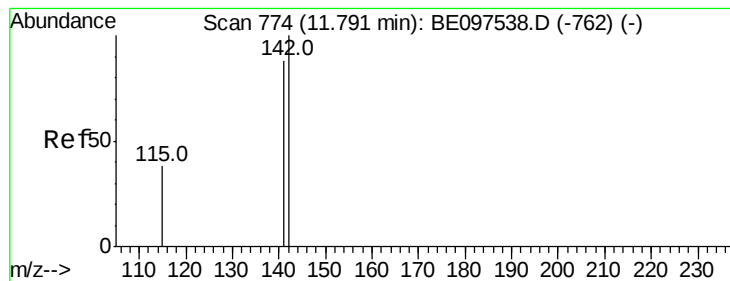
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.02 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Tgt Ion:152 Resp: 1510
Ion Ratio Lower Upper
152 100
151 17.0 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: 11.78 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampleId :

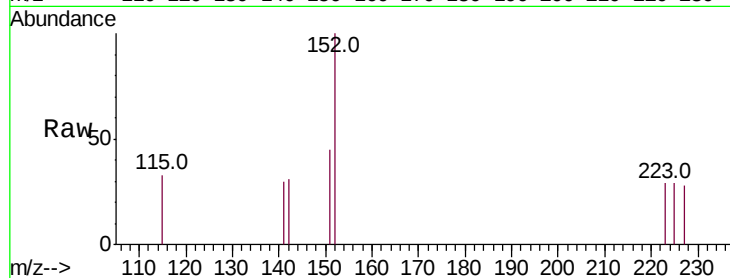
Tot Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 95.9 70.4 105.6

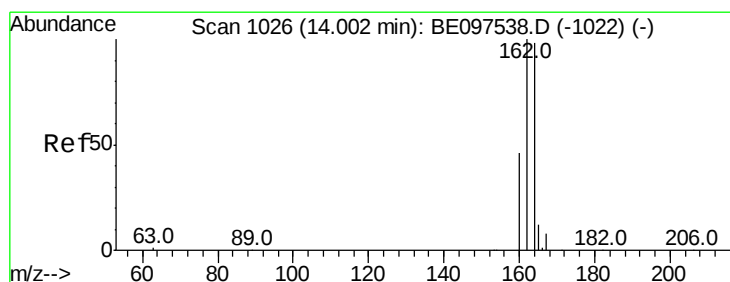
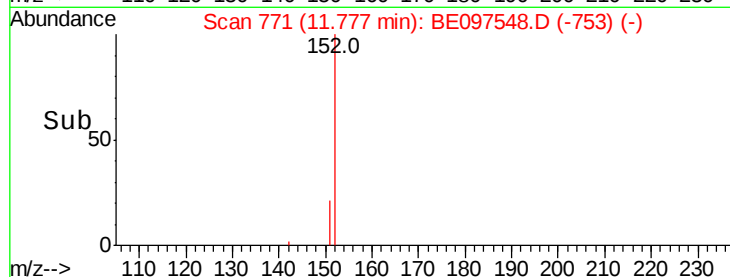
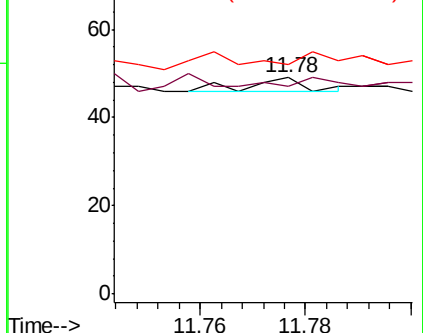
115 106.1 31.7 47.5#



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: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

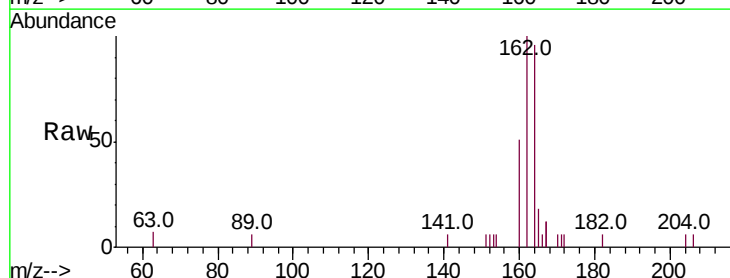
Tgt Ion:164 Resp: 1540

Ion Ratio Lower Upper

164 100

162 103.9 83.1 124.7

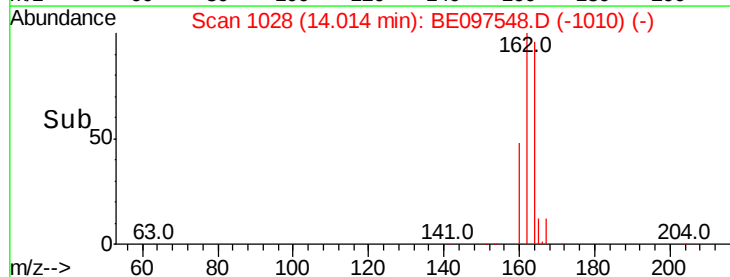
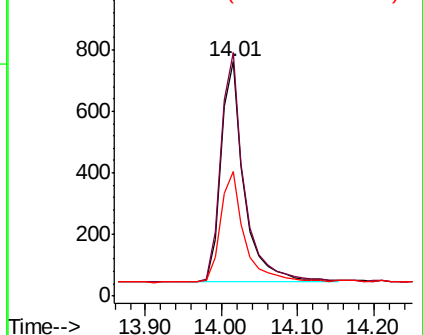
160 53.1 37.1 55.7

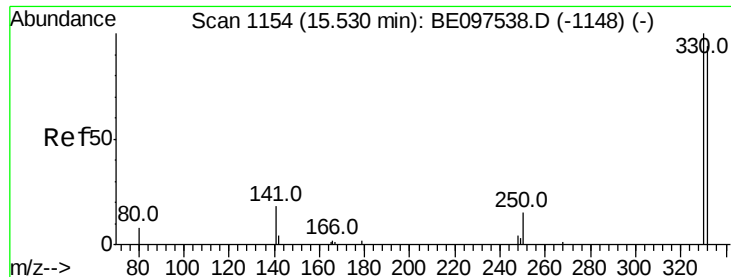


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

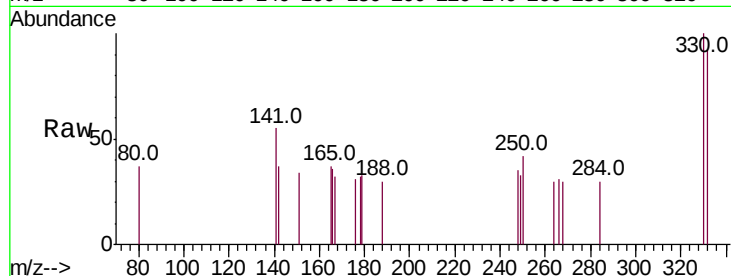




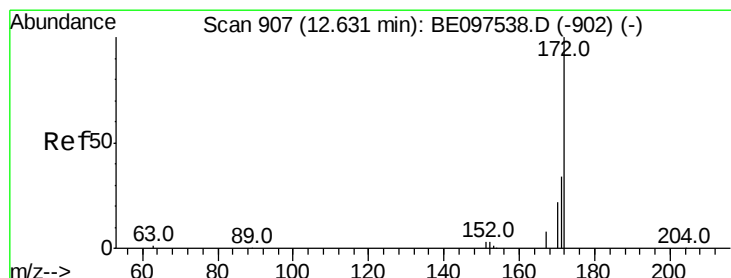
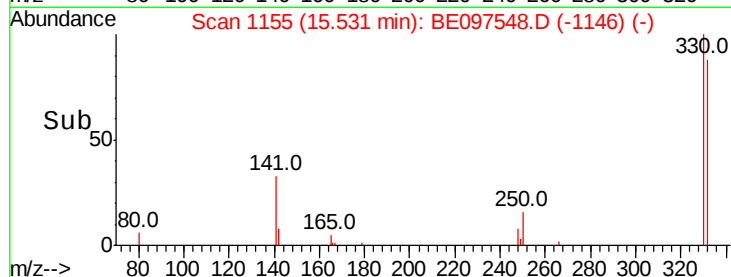
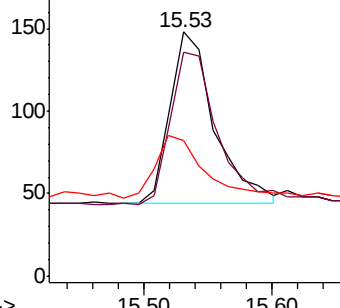
#14
 2,4,6-Tribromophenol
 Concen: 0.428 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 252
 Ion Ratio Lower Upper
 330 100
 332 93.7 152.7 229.1#
 141 40.5 33.7 50.5

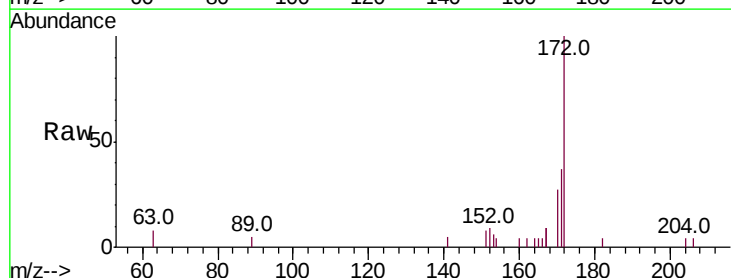


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

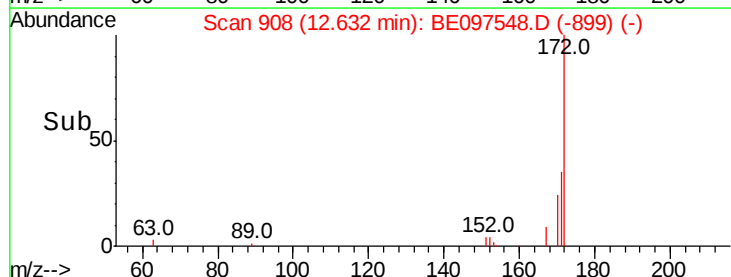
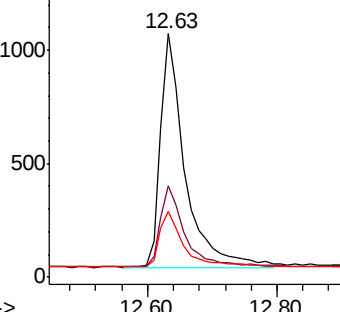


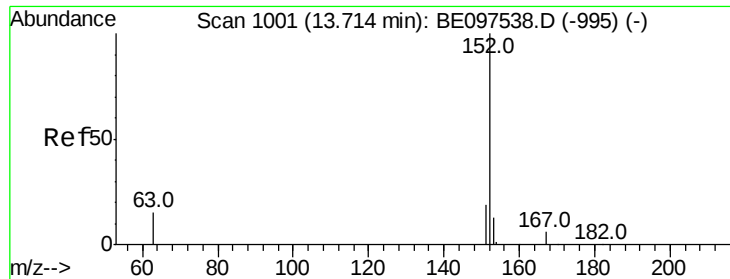
#15
 2-Fluorobiphenyl
 Concen: 0.497 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Tgt Ion:172 Resp: 2703
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.9 44.9
 170 27.1 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

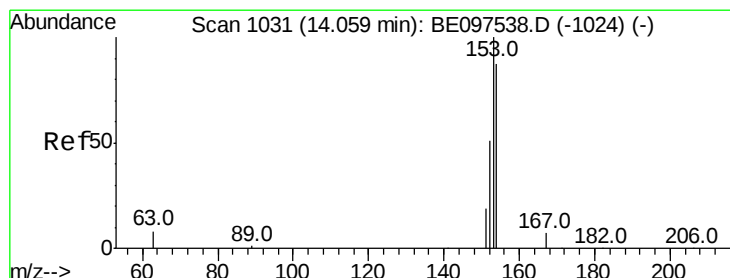
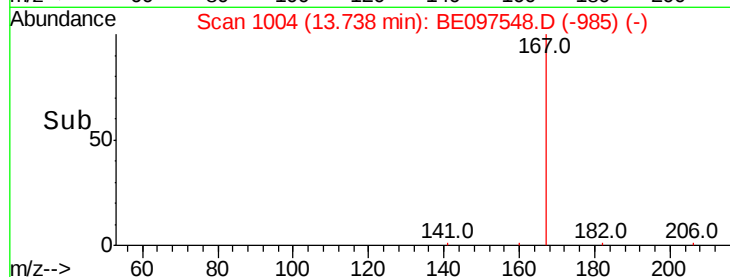
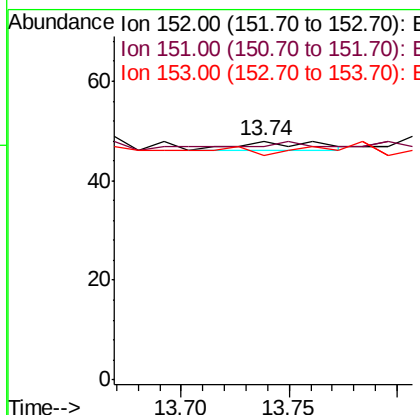
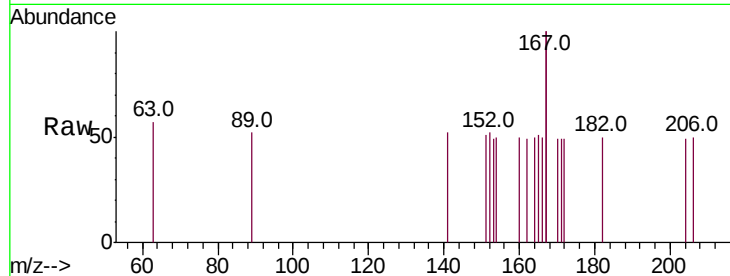




#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

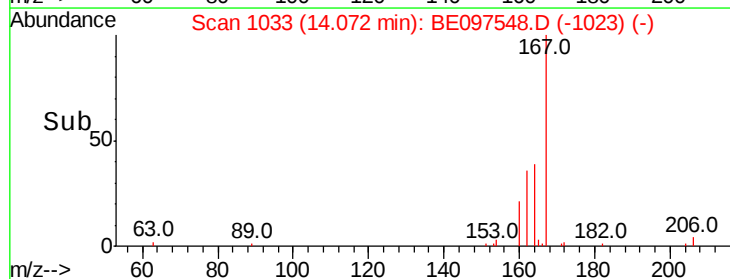
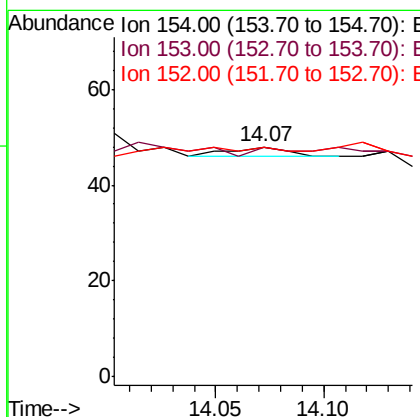
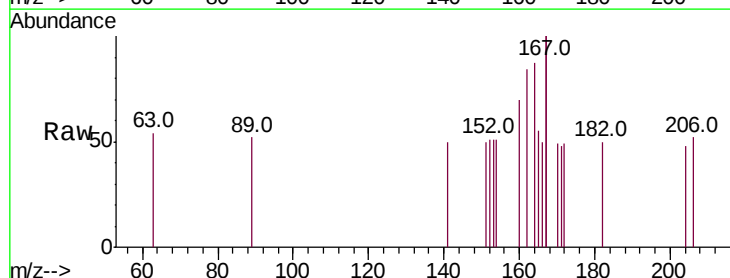
Instrument :
BNA_E
ClientSampleId :

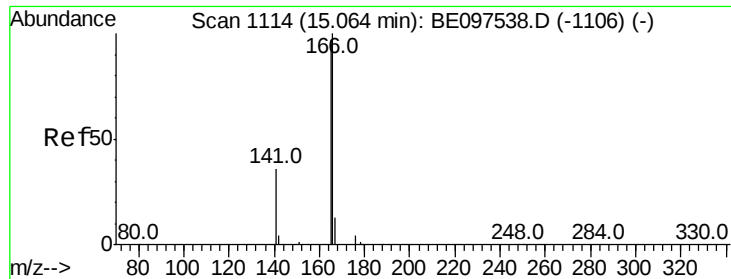
Tot Ion:152 Resp: 6
Ion Ratio Lower Upper
152 100
151 150.0 15.7 23.5#
153 0.0 10.5 15.7#



#17
Acenaphthene
Concen: 0.001 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Tgt Ion:154 Resp: 3
Ion Ratio Lower Upper
154 100
153 100.0 89.2 133.8
152 0.0 42.0 63.0#





#18

Fluorene

Concen: 0.004 ng

RT: 15.09 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampleId :

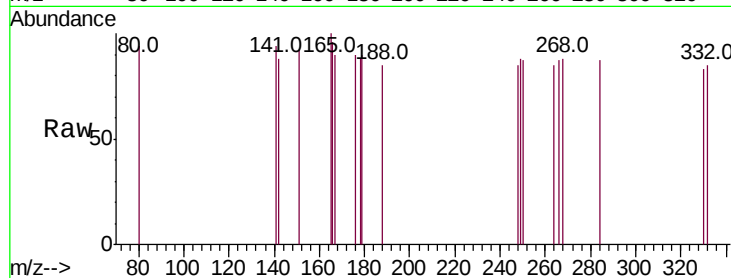
Tot Ion:166 Resp: 20

Ion Ratio Lower Upper

166 100

165 0.0 77.8 116.6#

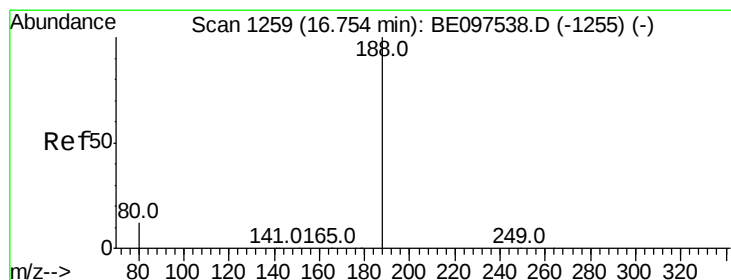
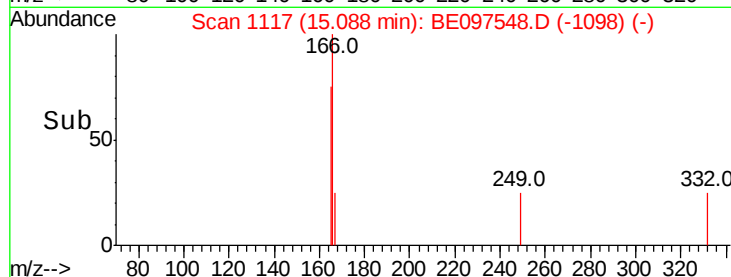
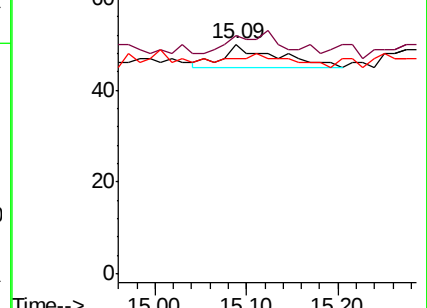
167 0.0 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

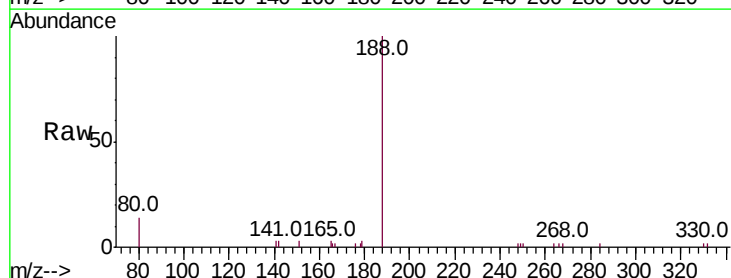
Tgt Ion:188 Resp: 4335

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

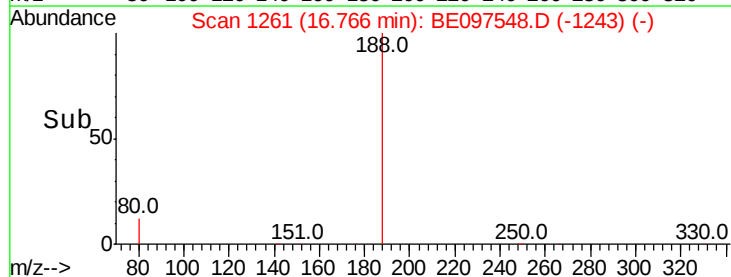
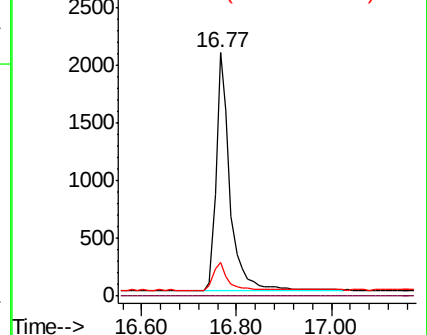
80 13.8 3.6 5.4#

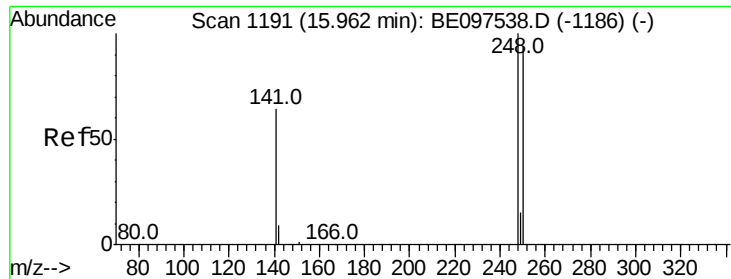


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

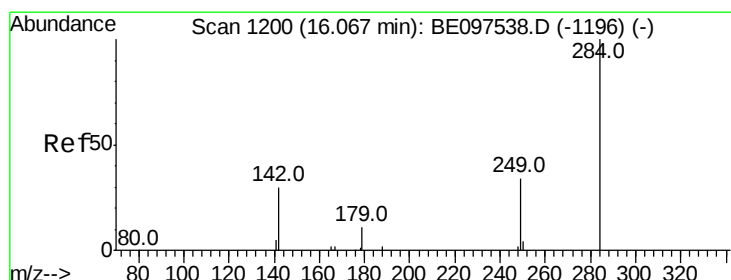
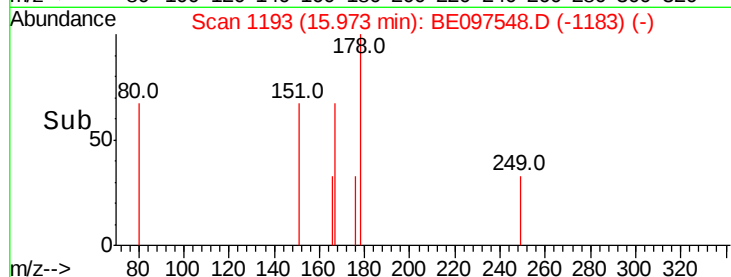
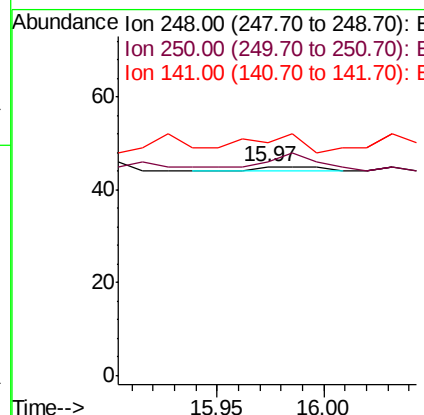
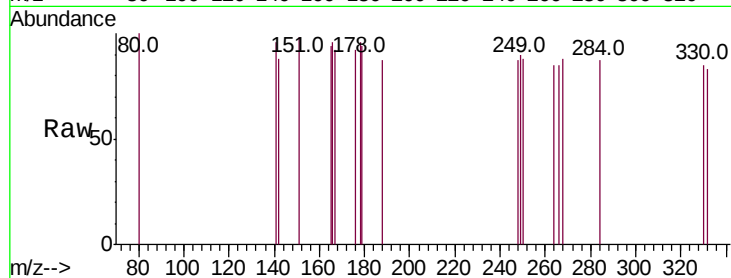




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

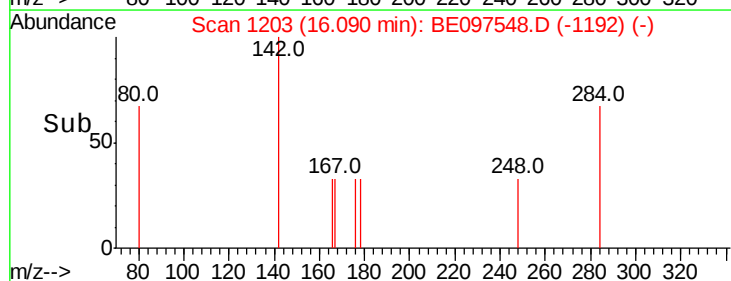
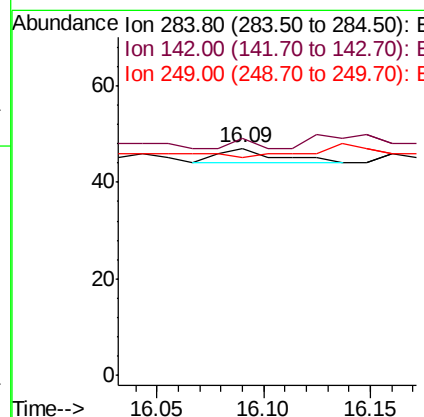
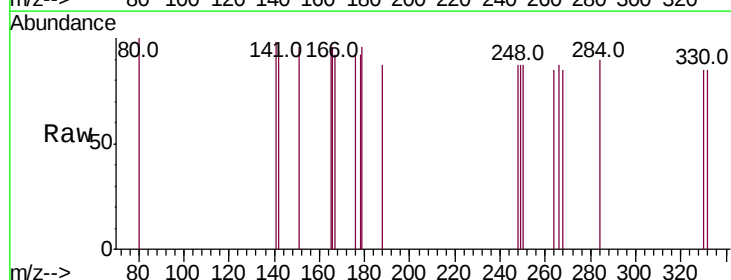
Instrument :
BNA_E
ClientSampleId :

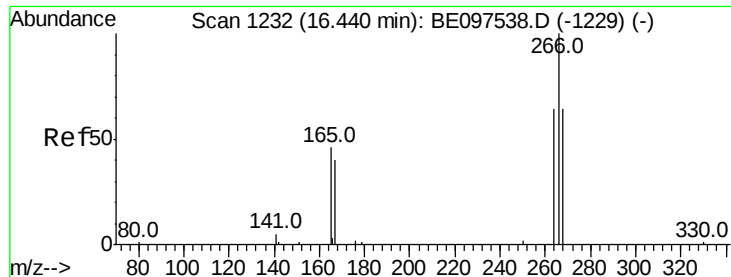
Tot Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 102.2 62.7 94.1#
141 111.1 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 16.7 22.1 33.1#
249 0.0 34.8 52.2#



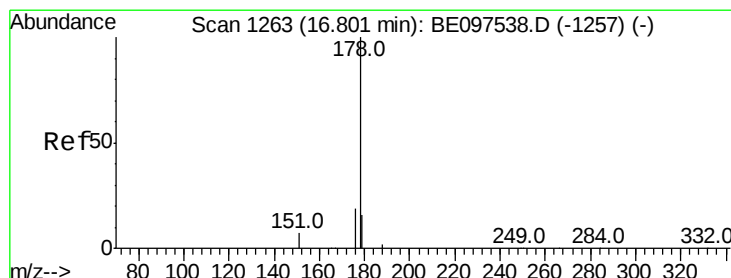
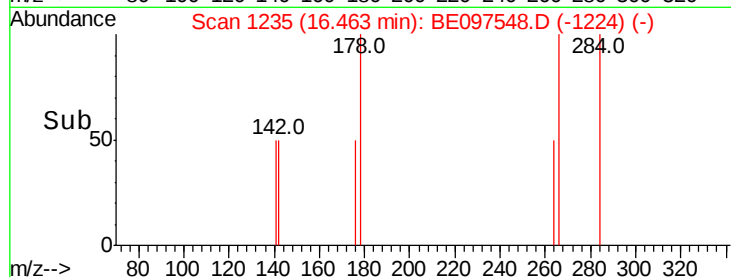
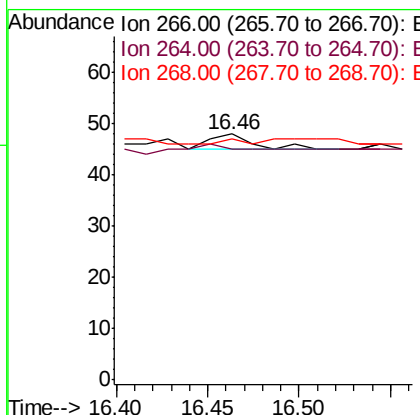
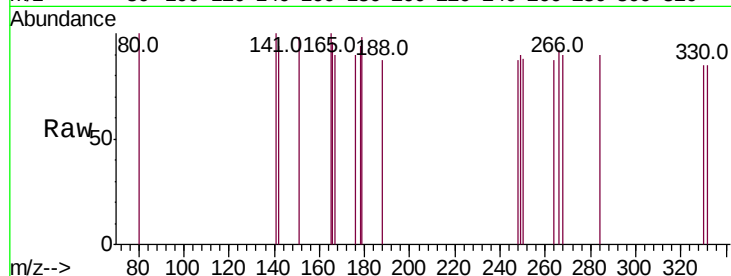


#22
 Pentachlorophenol
 Concen: 0.135 ng
 RT: 16.46 min Scan# 1235
 Delta R.T. 0.02 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 5

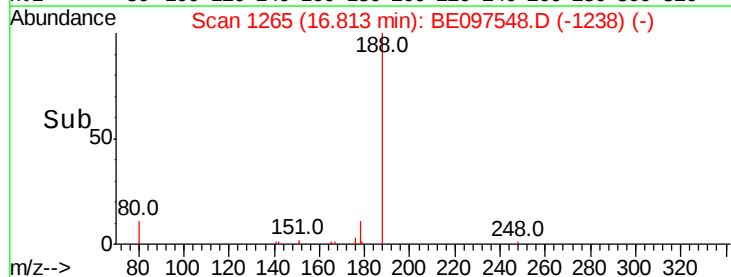
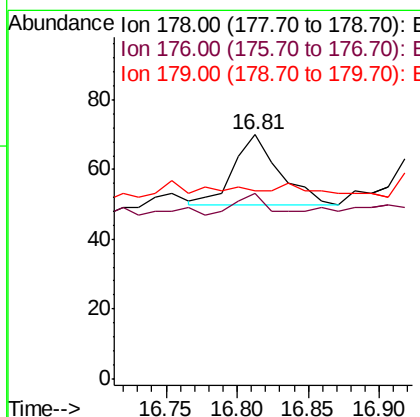
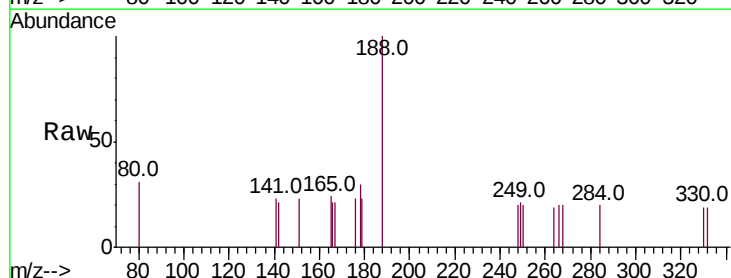
Ion	Ratio	Lower	Upper
266	100		
264	93.8	72.5	108.7
268	97.9	73.8	110.6

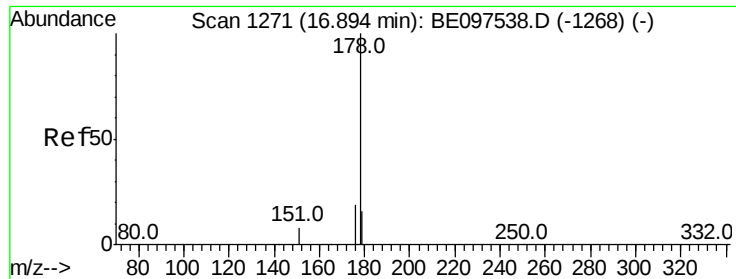


#23
 Phenanthrene
 Concen: 0.004 ng
 RT: 16.81 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Tgt Ion:178 Resp: 44

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	0.0	11.8	17.6#

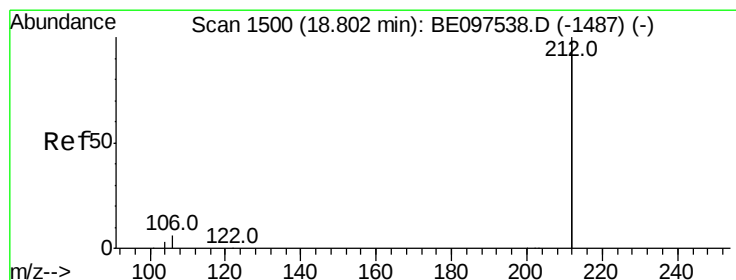
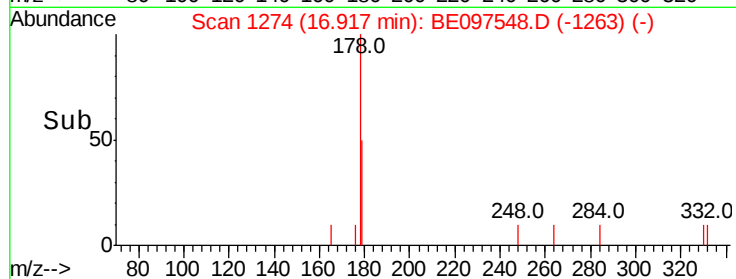
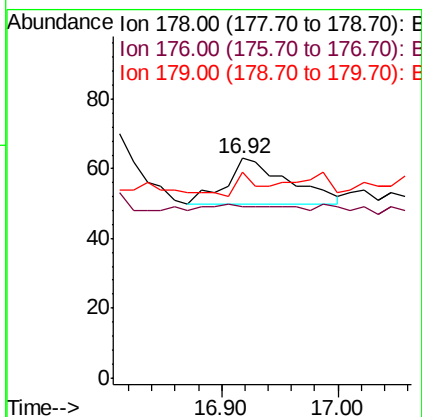
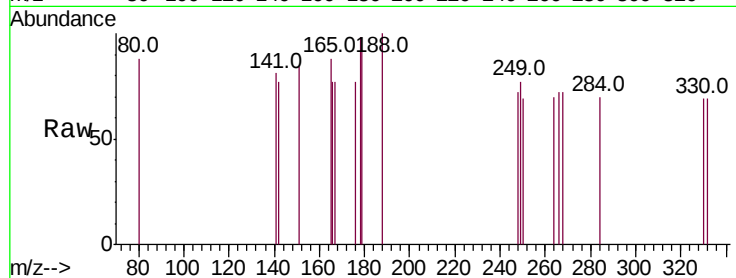




#24
 Anthracene
 Concen: 0.005 ng
 RT: 16.92 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

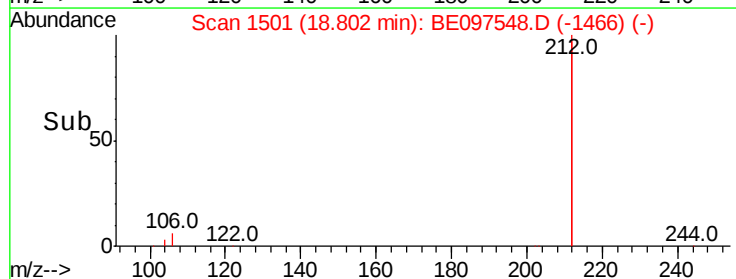
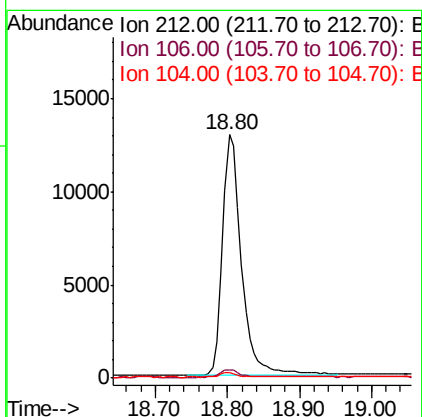
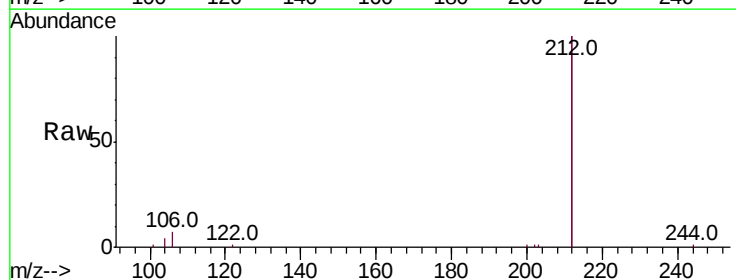
Instrument :
 BNA_E
 ClientSampleId :

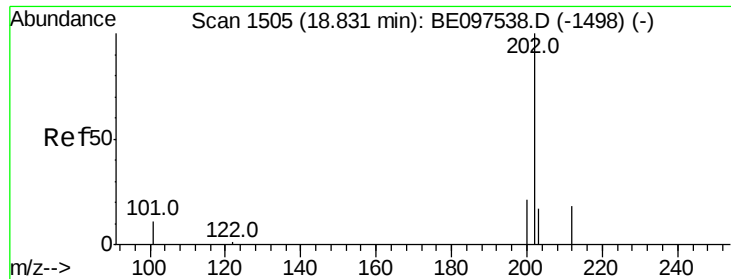
Tot Ion:178 Resp: 48
 Ion Ratio Lower Upper
 178 100
 176 14.6 12.8 19.2
 179 12.5 13.0 19.6#



#25
 Fluoranthene-d10
 Concen: 0.423 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Tgt Ion:212 Resp: 23485
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.8 1.6 2.4

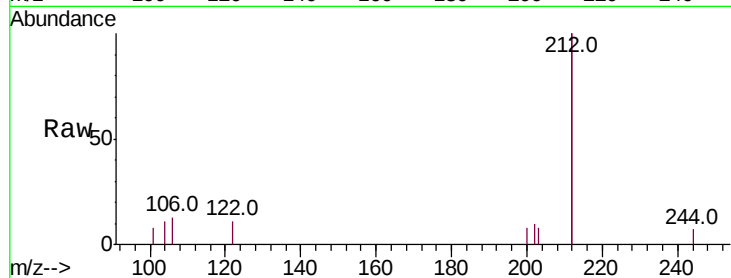




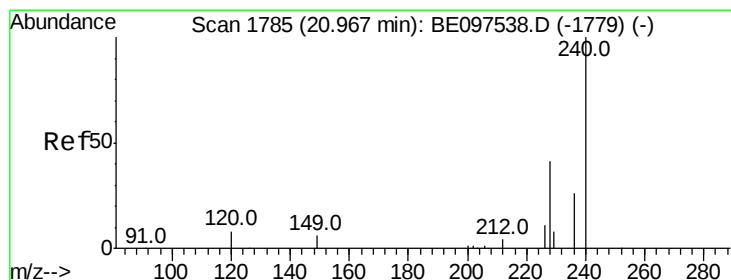
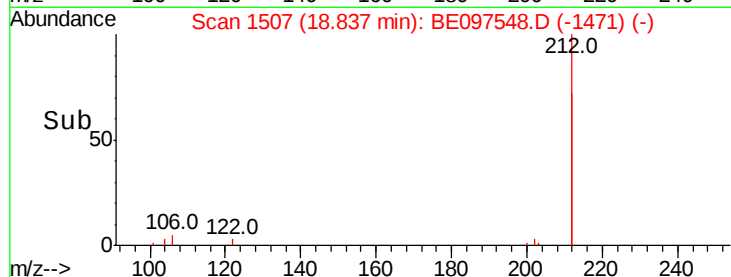
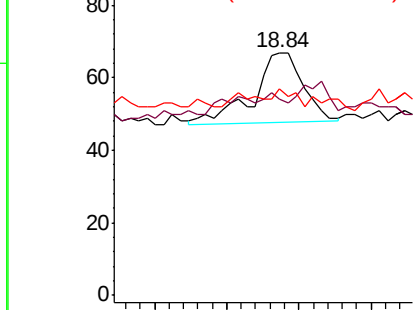
#26
 Fluoranthene
 Concen: 0.003 ng
 RT: 18.84 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 48
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.8 14.8#
 203 8.3 13.7 20.5#

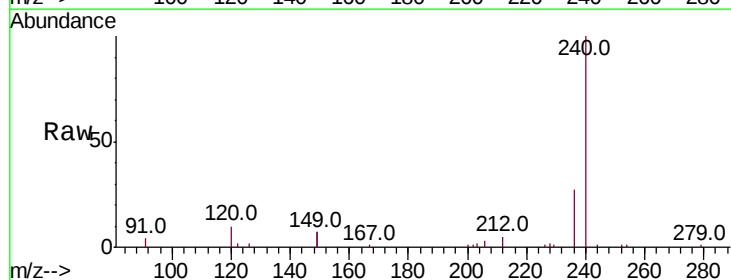


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

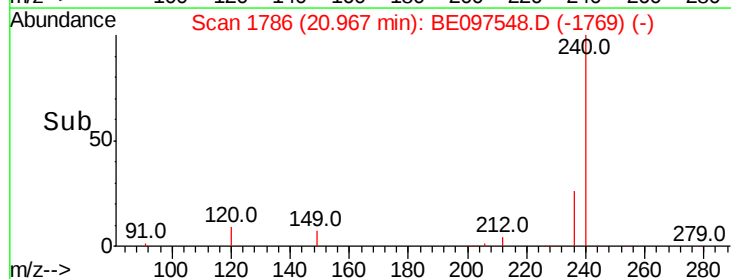
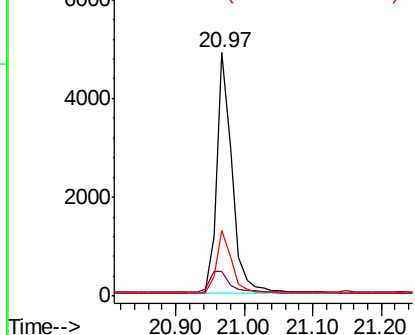


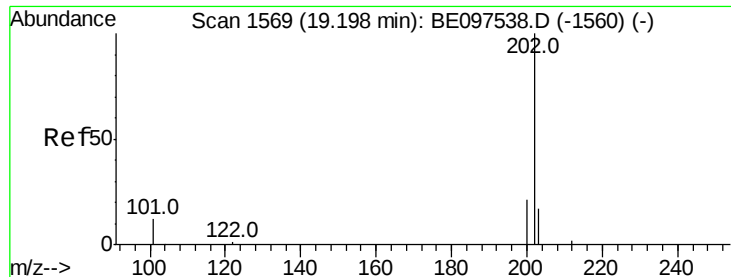
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097548.D
 Acq: 19 Sep 2018 20:03

Tgt Ion:240 Resp: 7623
 Ion Ratio Lower Upper
 240 100
 120 10.2 5.5 8.3#
 236 27.2 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

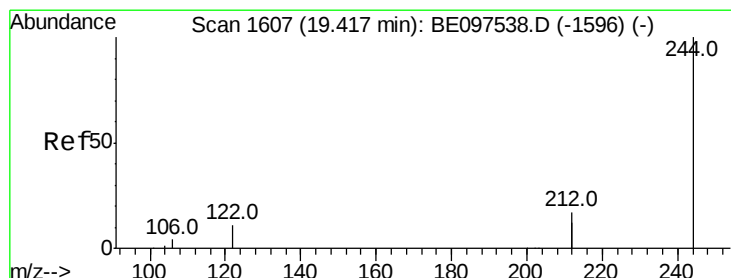
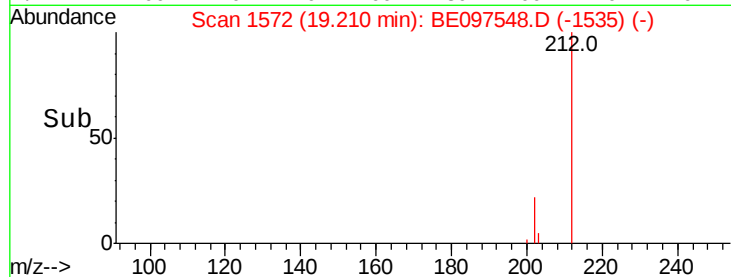
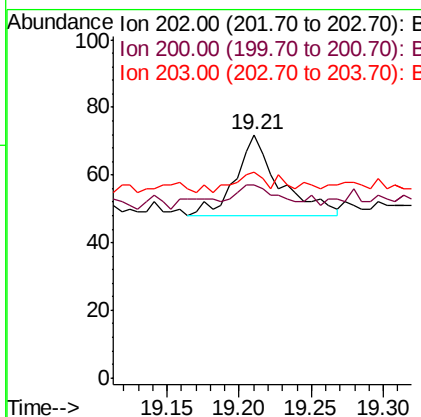
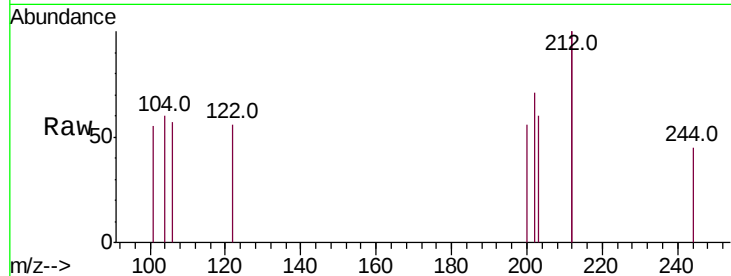




#28
Pvrene
Concen: 0.003 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

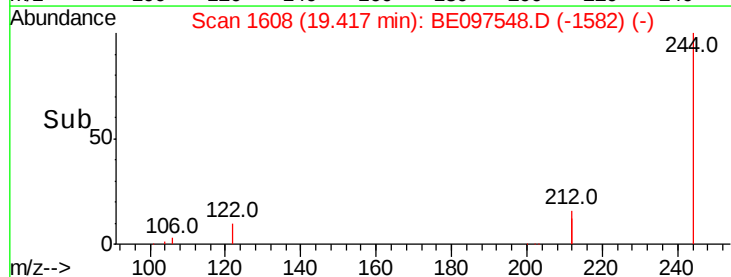
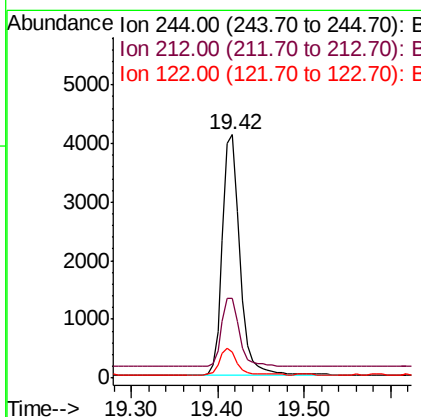
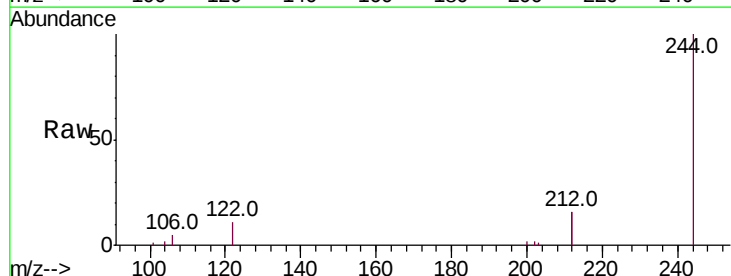
Instrument :
BNA_E
ClientSampleId :

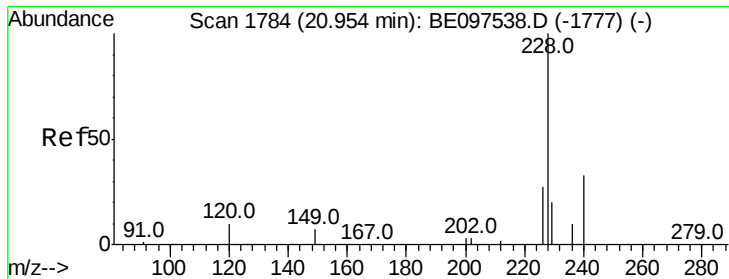
Tot Ion:202 Resp: 50
Ion Ratio Lower Upper
202 100
200 20.0 16.6 25.0
203 18.0 13.8 20.8



#29
Terphenyl-d14
Concen: 0.417 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Tgt Ion:244 Resp: 5825
Ion Ratio Lower Upper
244 100
212 32.6 25.4 38.0
122 10.9 8.1 12.1





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampled :

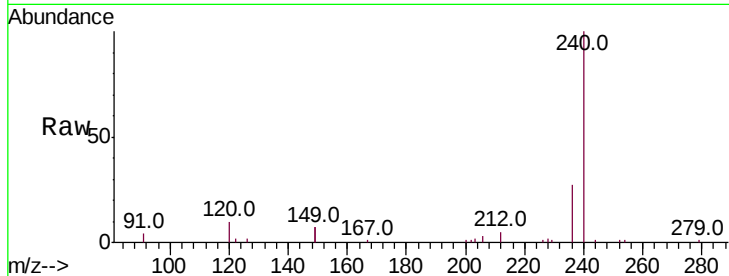
Tot Ion:228 Resp: 36

Ion Ratio Lower Upper

228 100

226 75.7 24.0 36.0#

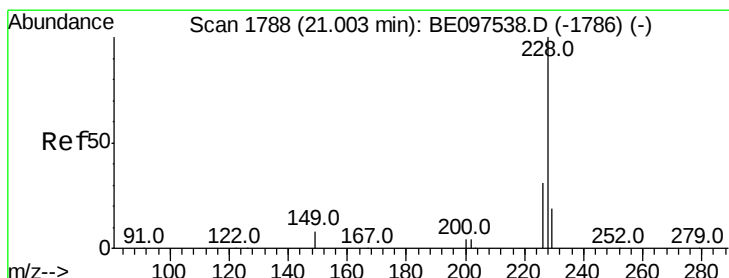
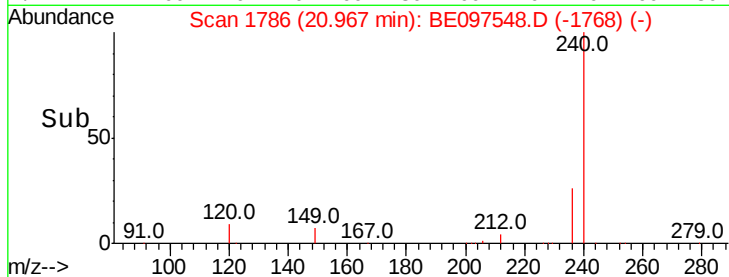
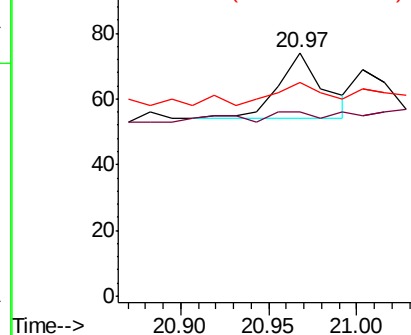
229 87.8 16.0 24.0#



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: 0.001 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

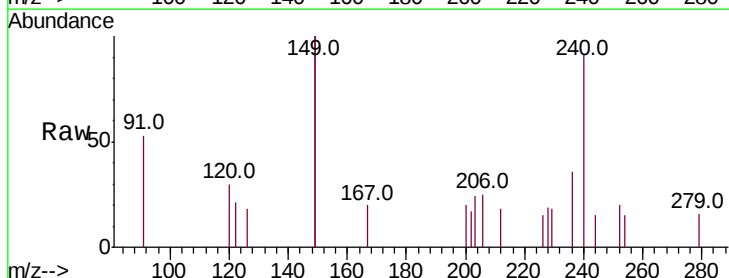
Tgt Ion:228 Resp: 20

Ion Ratio Lower Upper

228 100

226 79.7 24.0 36.0#

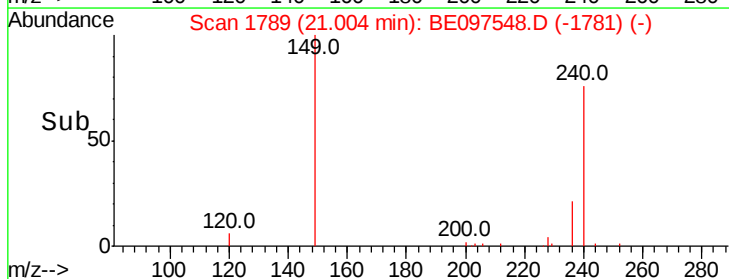
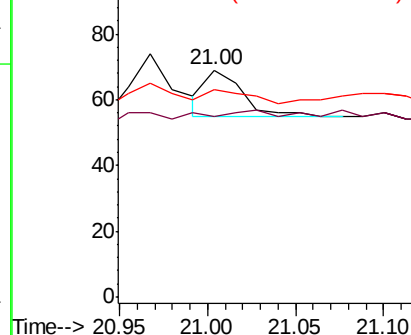
229 91.3 16.0 24.0#

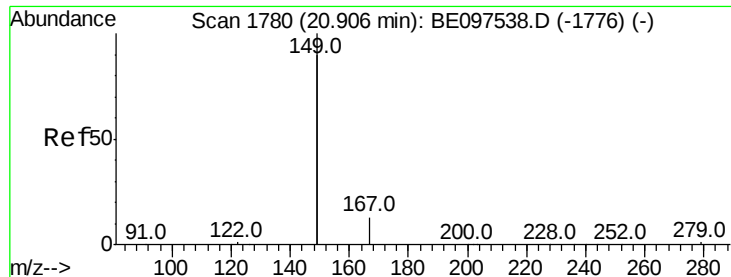


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampleId :

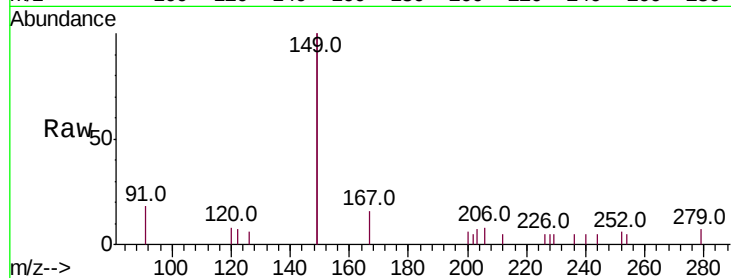
Tot Ion:149 Resp: 2317

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

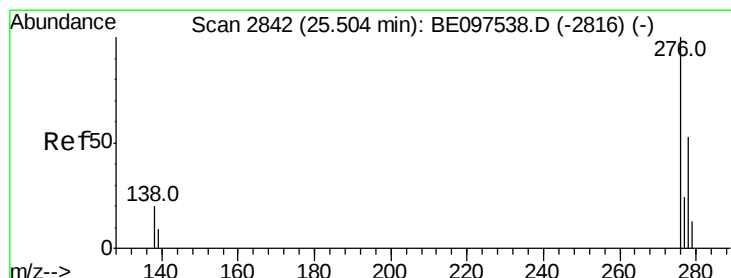
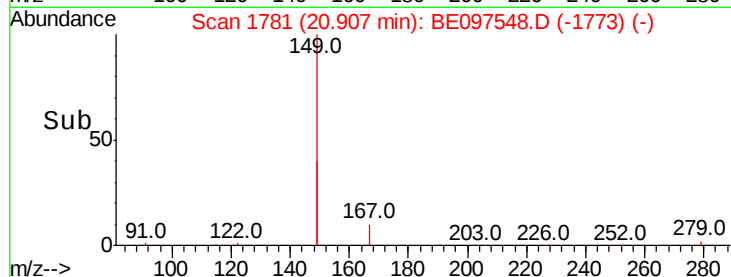
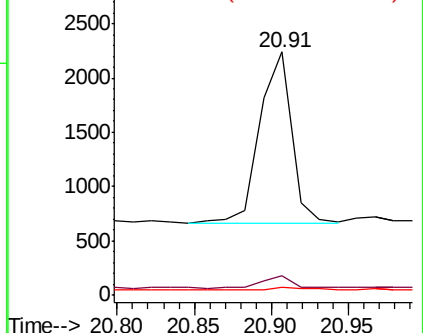
279 1.2 0.7 1.1#



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: 25.52 min Scan# 2849

Delta R.T. 0.02 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

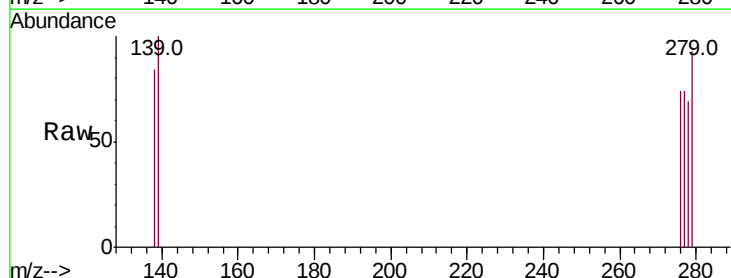
Tgt Ion:276 Resp: 7

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

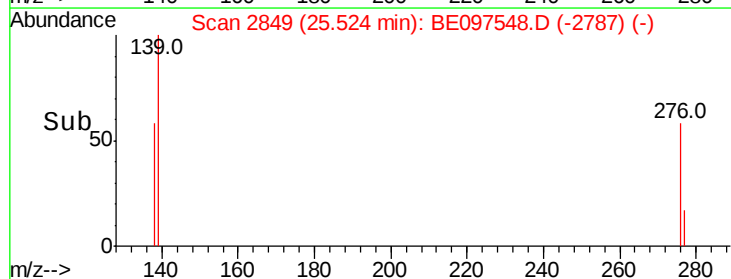
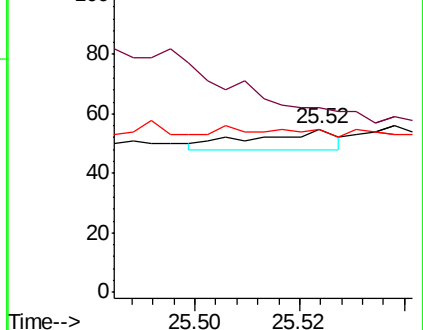
277 28.6 19.9 29.9

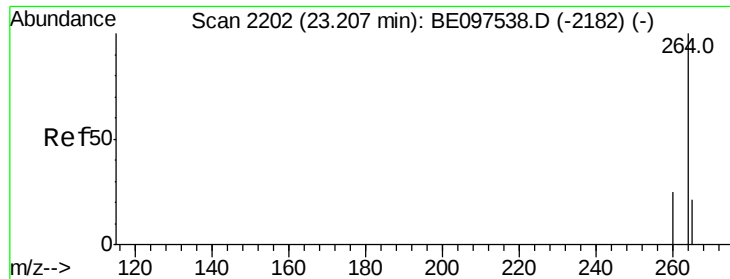


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

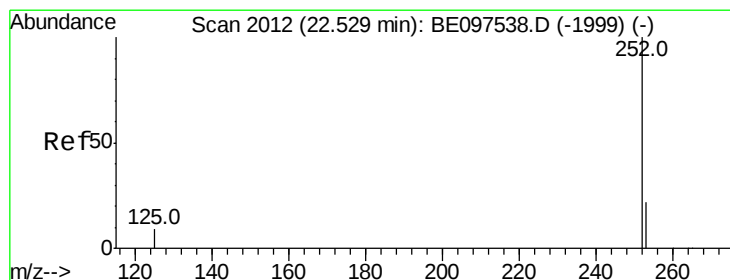
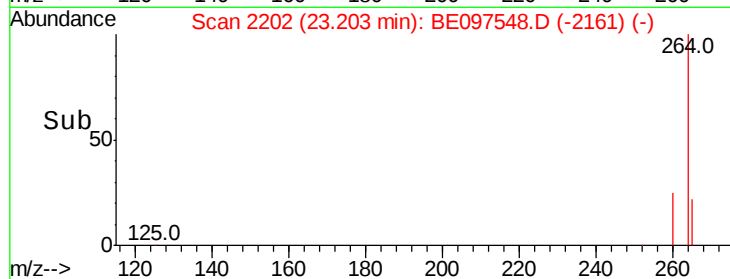
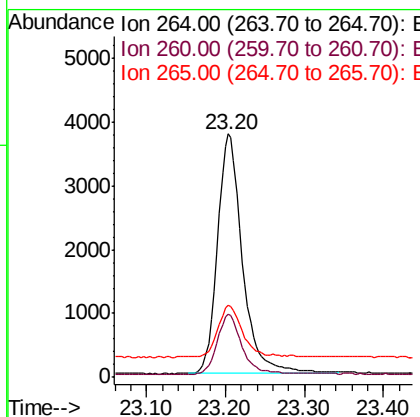
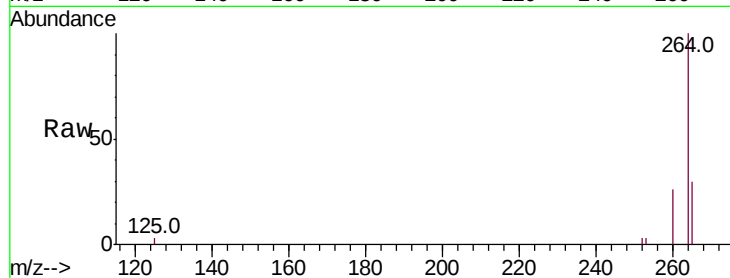




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

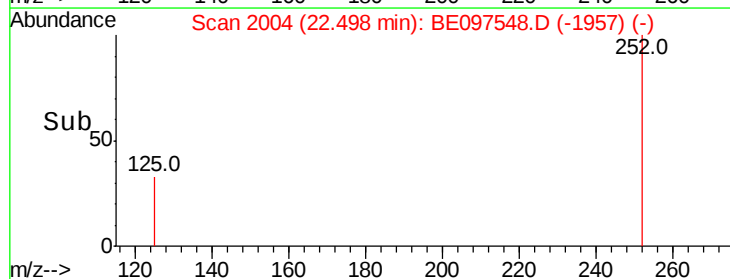
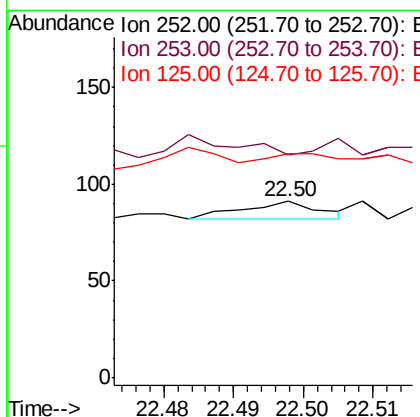
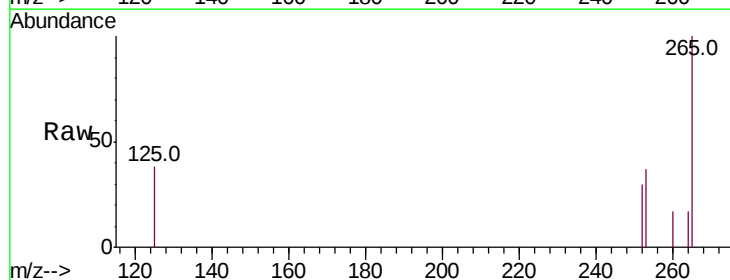
Instrument :
BNA_E
ClientSampled :

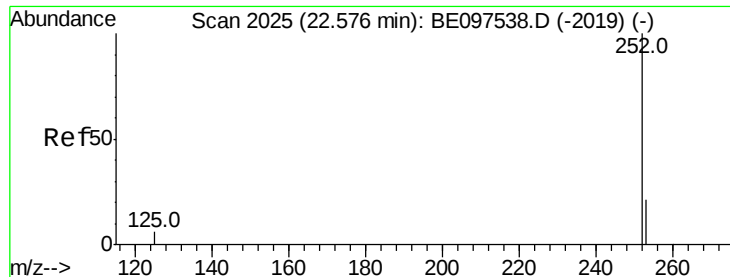
Tot Ion:264 Resp: 8262
Ion Ratio Lower Upper
264 100
260 26.1 20.5 30.7
265 29.8 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 22.50 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BE097548.D
Acq: 19 Sep 2018 20:03

Tgt Ion:252 Resp: 7
Ion Ratio Lower Upper
252 100
253 126.4 20.0 30.0#
125 127.5 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 22.56 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampled :

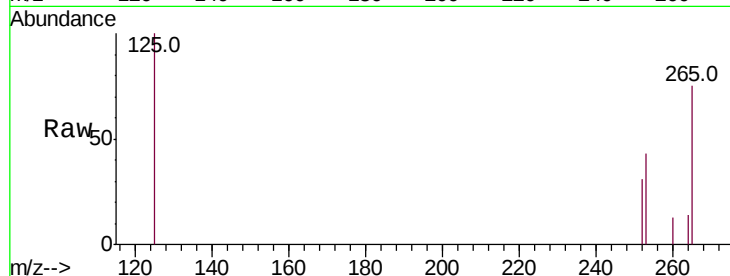
Tot Ion:252 Resp: 72

Ion Ratio Lower Upper

252 100

253 142.2 16.0 24.0#

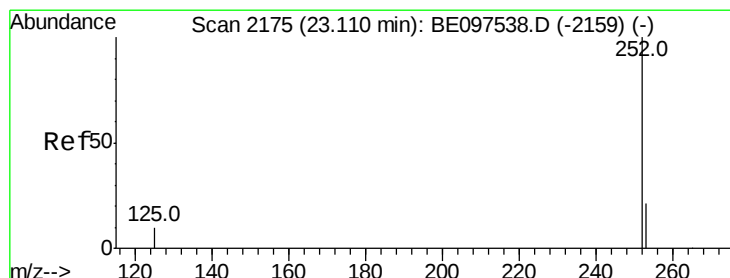
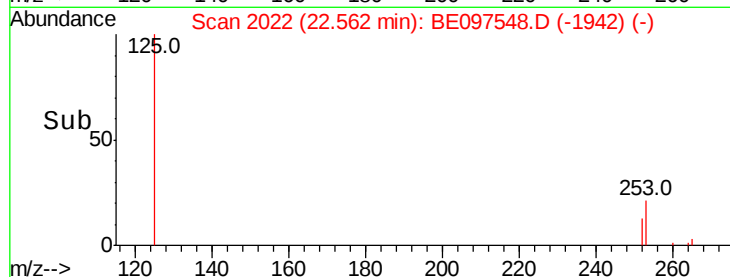
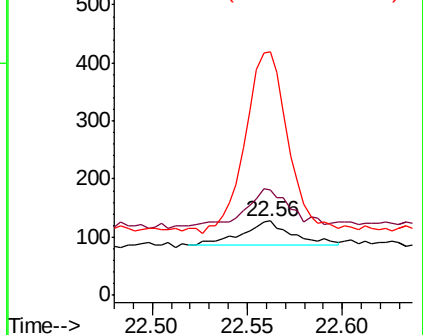
125 327.3 8.0 12.0#



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: 23.10 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

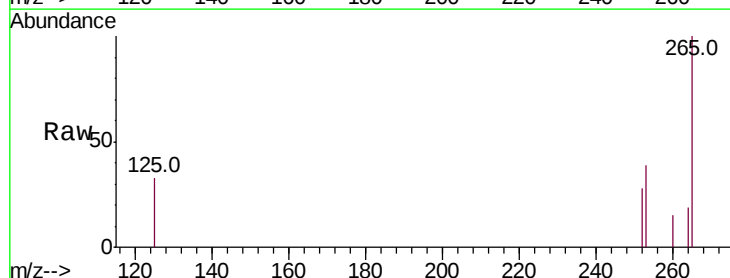
Tgt Ion:252 Resp: 5

Ion Ratio Lower Upper

252 100

253 137.4 16.0 24.0#

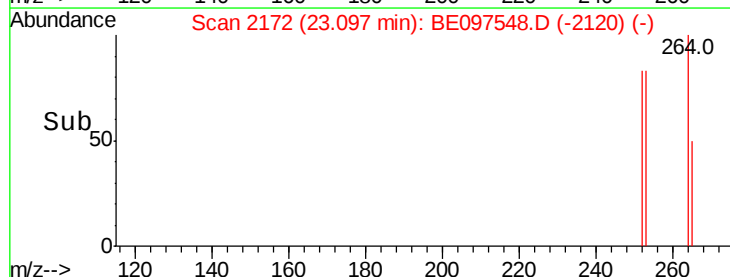
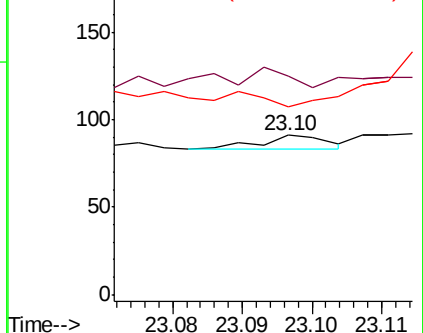
125 117.6 12.0 18.0#

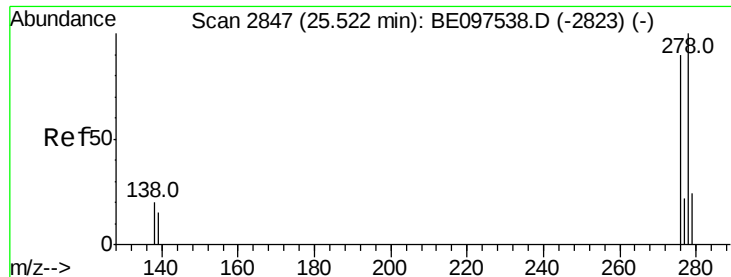


Abundance Ion 252.00 (251.70 to 252.70): E

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: 25.53 min Scan# 2850

Delta R.T. 0.01 min

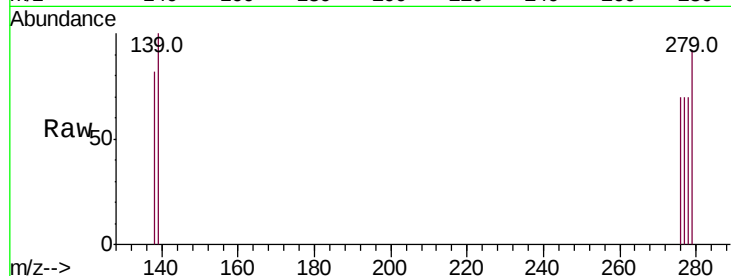
Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Instrument :

BNA_E

ClientSampleId :



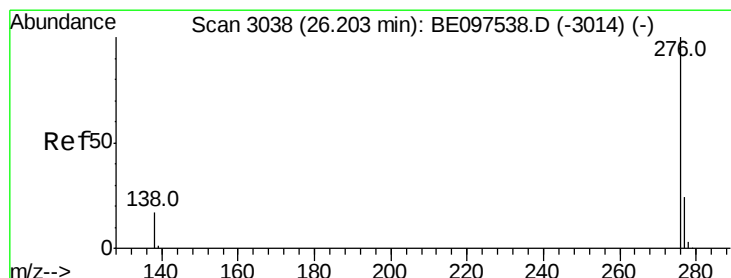
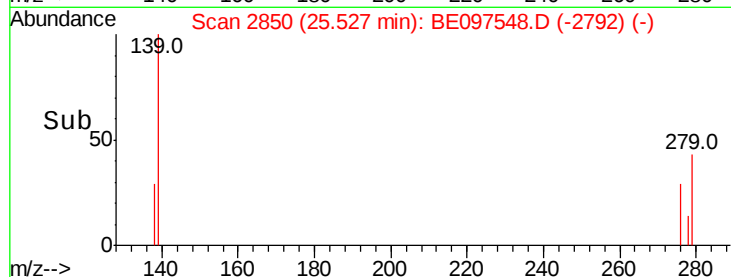
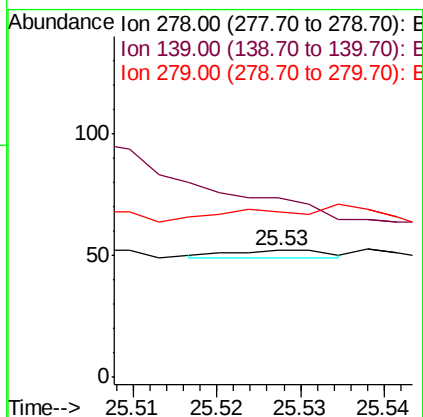
Tot Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 142.3 16.0 24.0#

279 130.8 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.19 min Scan# 3036

Delta R.T. -0.01 min

Lab File: BE097548.D

Acq: 19 Sep 2018 20:03

Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

277 104.0 16.0 24.0#

138 118.0 20.0 30.0#

