

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097551.D
 Acq On : 19 Sep 2018 21:53
 Operator : SJ/JU
 Sample : J4958-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 20 05:10:20 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	713	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3058	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1493	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	4460	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7483	0.40	ng	0.00
34) Perylene-d12	23.21	264	2149	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	288	0.13	ng	0.01
5) Phenol-d6	6.55	99	4	0.00	ng	-0.04
8) Nitrobenzene-d5	8.54	82	798	0.34	ng	0.02
11) 2-Methylnaphthalene-d10	11.74	152	1503	0.36	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	201	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	2594	0.49	ng	0.00
25) Fluoranthene-d10	18.80	212	23530	0.41	ng	0.00
29) Terphenyl-d14	19.41	244	5812	0.42	ng	0.00

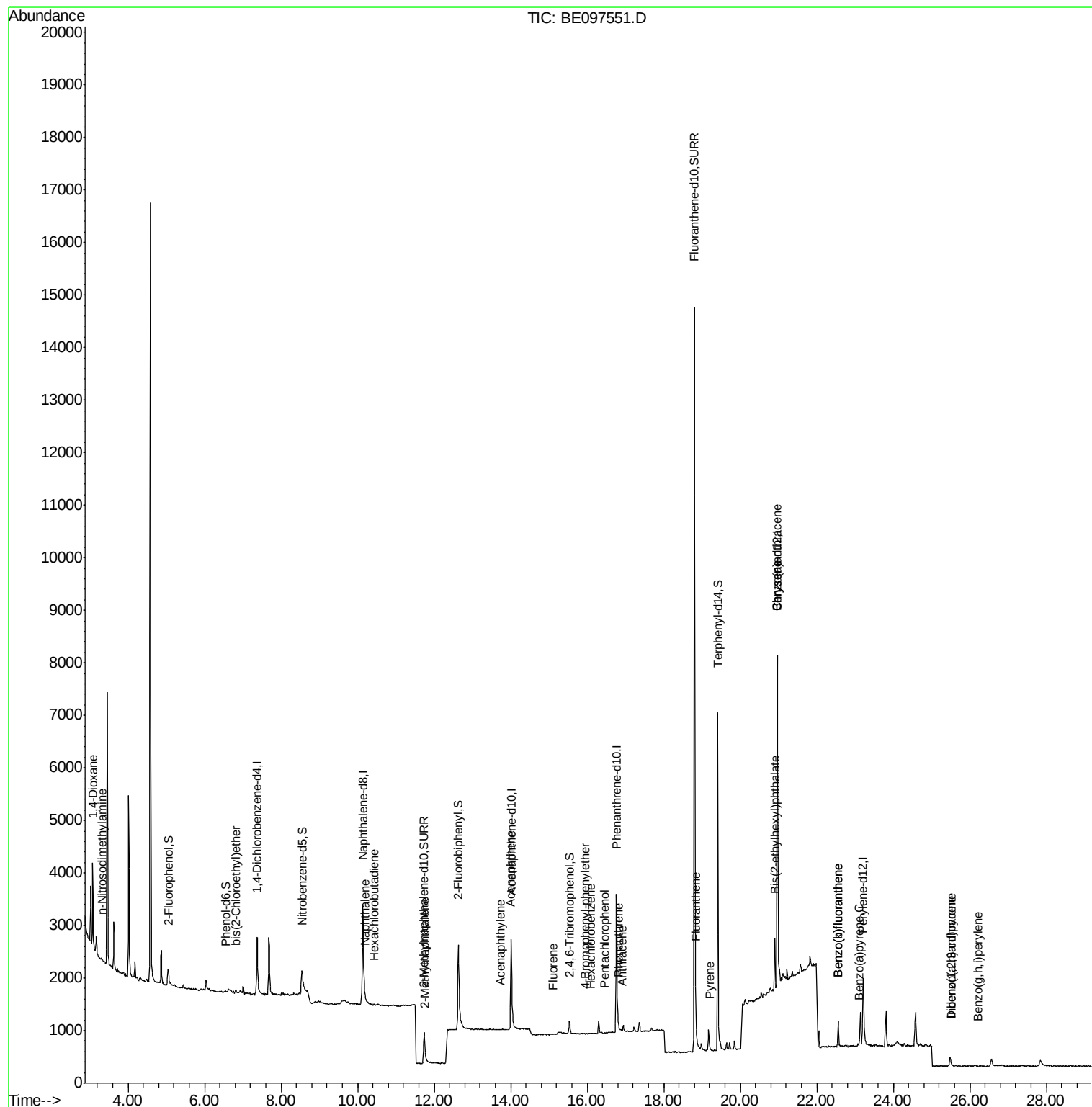
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	884	0.764	ng	# 89
3) n-Nitrosodimethylamine	3.33	42	52	0.065	ng	# 1
6) bis(2-Chloroethyl)ether	6.83	93	12	0.005	ng	# 52
9) Naphthalene	10.18	128	171	0.006	ng	# 52
10) Hexachlorobutadiene	10.44	225	5	0.004	ng	# 17
12) 2-Methylnaphthalene	11.78	142	2	0.000	ng	# 51
16) Acenaphthylene	13.74	152	6	0.001	ng	# 1
17) Acenaphthene	14.00	154	6	0.002	ng	# 16
18) Fluorene	15.10	166	8	0.002	ng	# 58
20) 4-Bromophenyl-phenylether	15.96	248	3	0.001	ng	# 57
21) Hexachlorobenzene	16.09	284	1	0.000	ng	# 1
22) Pentachlorophenol	16.46	266	6	0.136	ng	95
23) Phenanthrene	16.81	178	34	0.003	ng	# 79
24) Anthracene	16.92	178	11	0.001	ng	# 42
26) Fluoranthene	18.84	202	24	0.002	ng	# 65
28) Pyrene	19.20	202	26	0.002	ng	# 88
30) Benzo(a)anthracene	20.97	228	52	0.003	ng	# 1
31) Chrysene	20.97	228	36	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	1299	0.052	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.52	276	3	0.000	ng	# 33
35) Benzo(b)fluoranthene	22.56	252	60	0.011	ng	# 1
36) Benzo(k)fluoranthene	22.56	252	60	0.010	ng	# 1
37) Benzo(a)pyrene	23.10	252	4	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	3	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.21	276	1	0.000	ng	# 1

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

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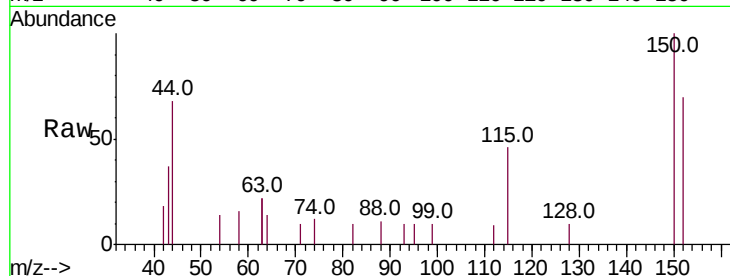


#1

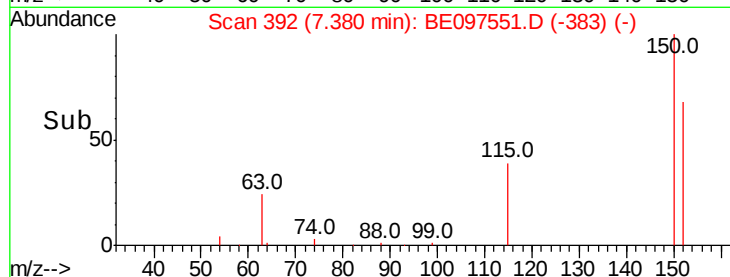
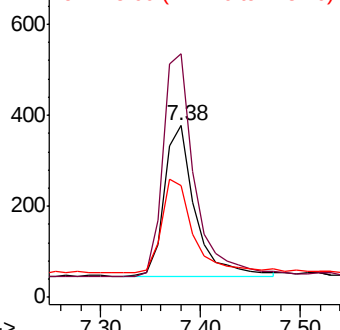
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 713
Ion Ratio Lower Upper
152 100
150 141.9 117.2 175.8
115 65.3 57.0 85.6



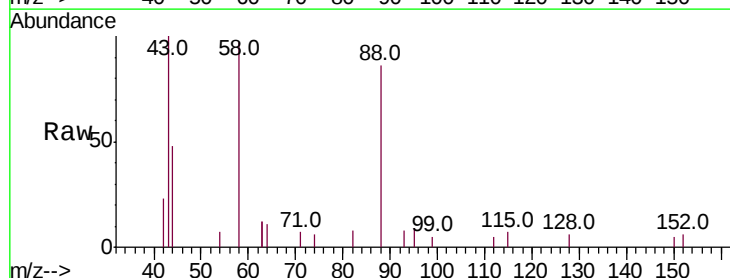
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



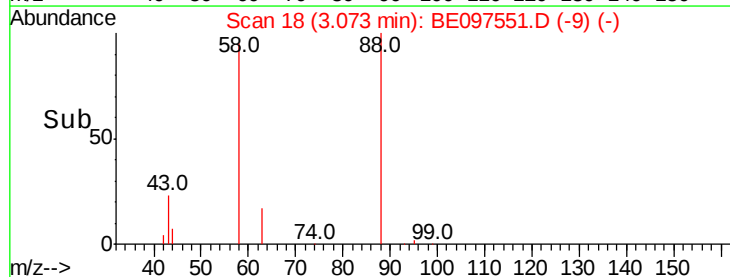
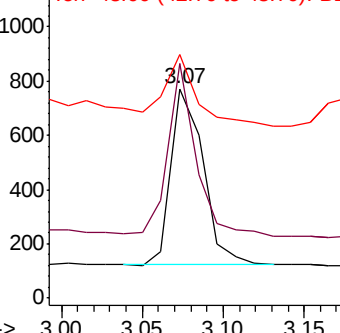
#2

1,4-Dioxane
Concen: 0.764 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

Tgt Ion: 88 Resp: 884
Ion Ratio Lower Upper
88 100
58 86.4 63.2 94.8
43 40.4 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



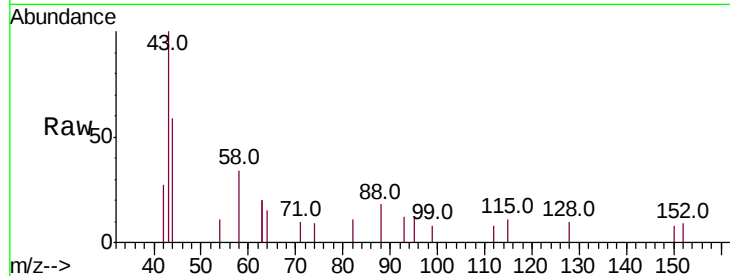


#3

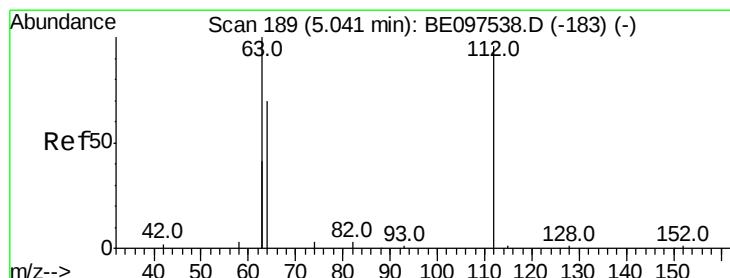
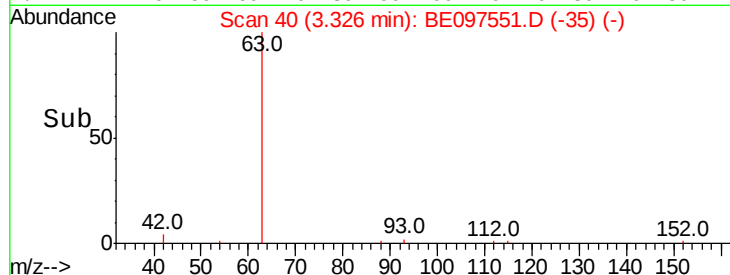
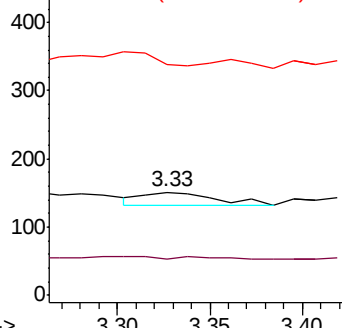
n-Nitrosodimethylamine
 Concen: 0.065 ng
 RT: 3.33 min Scan# 40
 Delta R.T. -0.04 min
 Lab File: BE097551.D
 Acq: 19 Sep 2018 21:53

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 52
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.0 144.0#
 44 0.0 12.0 18.0#



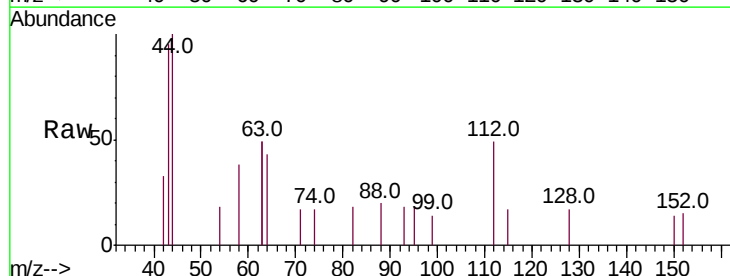
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



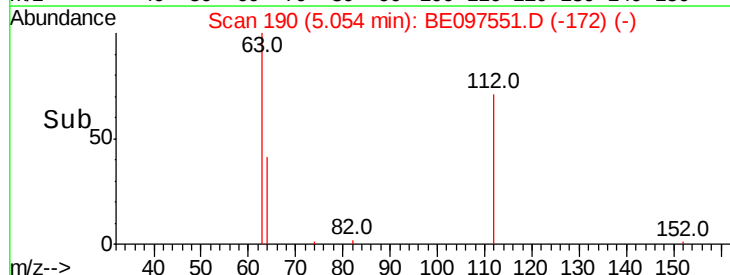
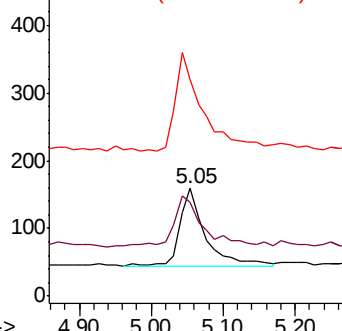
#4

2-Fluorophenol
 Concen: 0.135 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: BE097551.D
 Acq: 19 Sep 2018 21:53

Tgt Ion: 112 Resp: 288
 Ion Ratio Lower Upper
 112 100
 64 78.1 60.1 90.1
 63 135.8 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.55 min Scan# 320

Delta R.T. -0.04 min

Lab File: BE097551.D

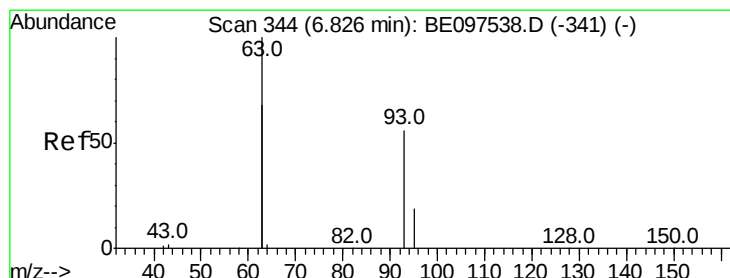
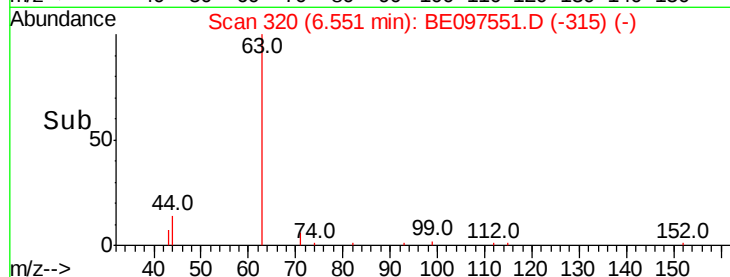
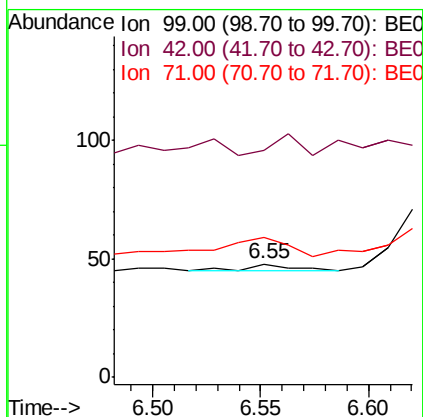
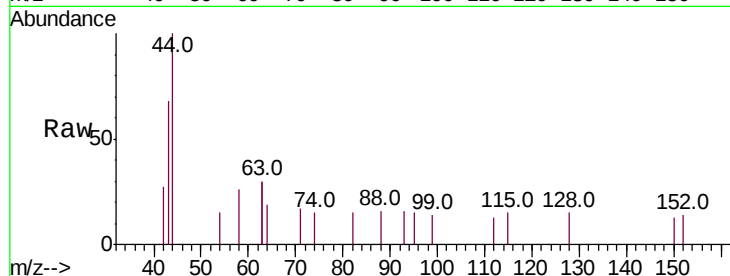
Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampled :

Tot Ion:	99	Resp:	4
Ion	Ratio	Lower	Upper
99	100		
42	200.0	20.2	30.2#
71	325.0	28.4	42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

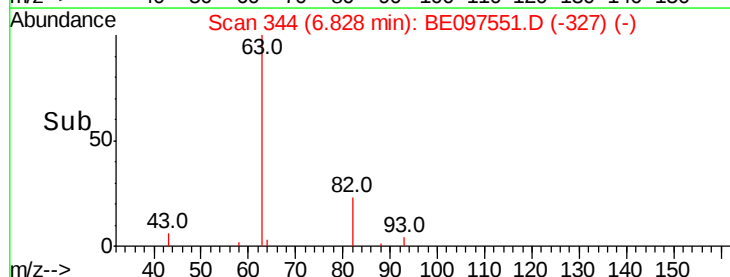
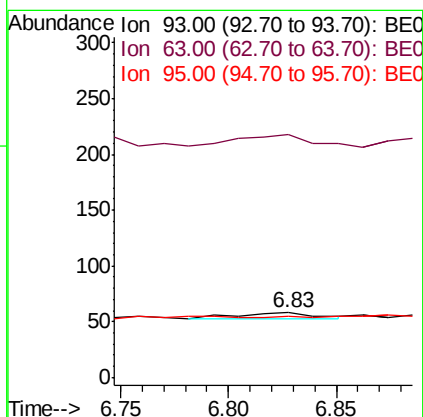
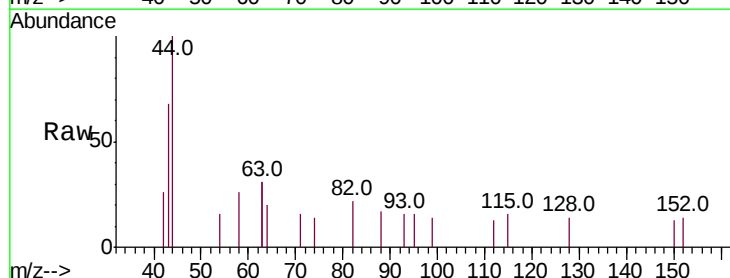
RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Tgt Ion:	93	Resp:	12
Ion	Ratio	Lower	Upper
93	100		
63	241.7	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: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3058

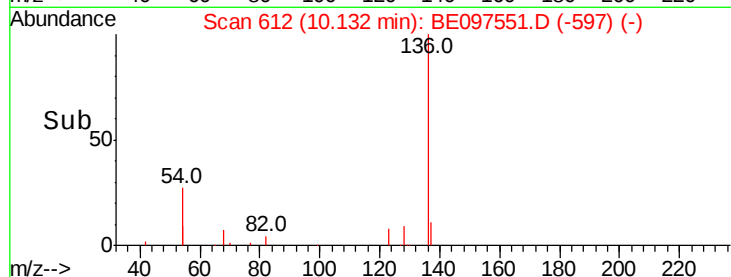
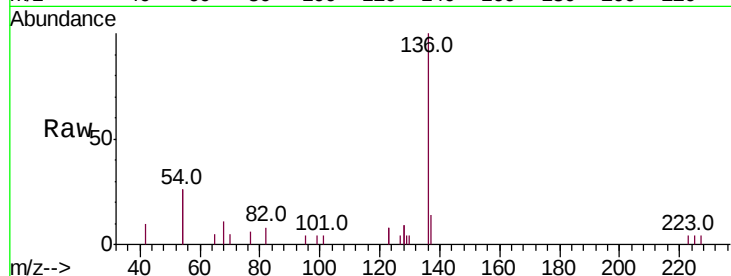
Ion Ratio Lower Upper

136 100

137 14.1 9.5 14.3

54 52.5 29.1 43.7#

68 10.7 6.2 9.2#

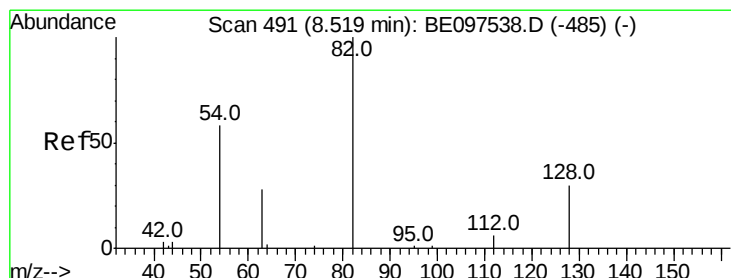
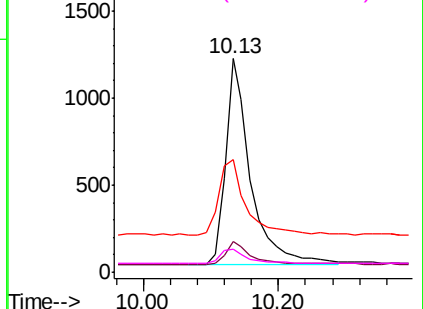


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.338 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.02 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

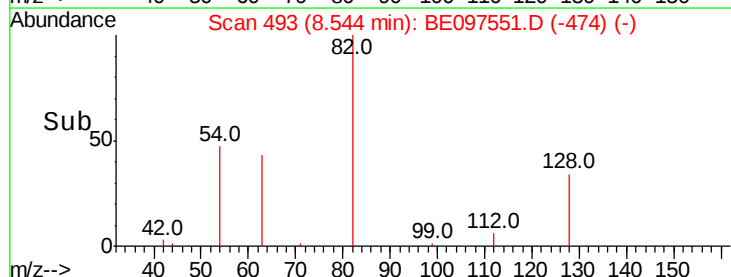
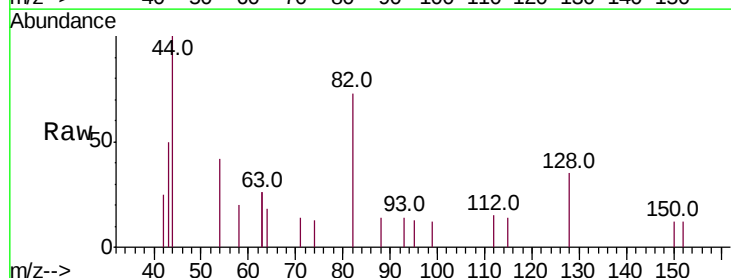
Tgt Ion: 82 Resp: 798

Ion Ratio Lower Upper

82 100

128 47.6 24.0 36.0#

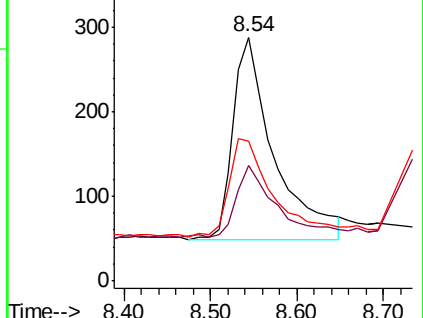
54 57.3 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.006 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

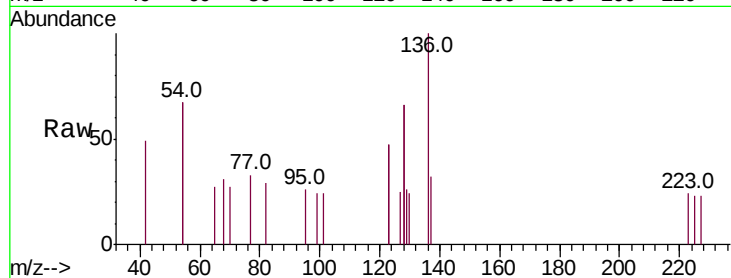
Tot Ion:128 Resp: 171

Ion Ratio Lower Upper

128 100

129 19.5 2.6 3.8#

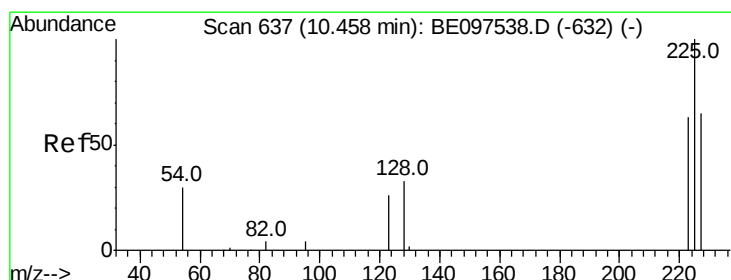
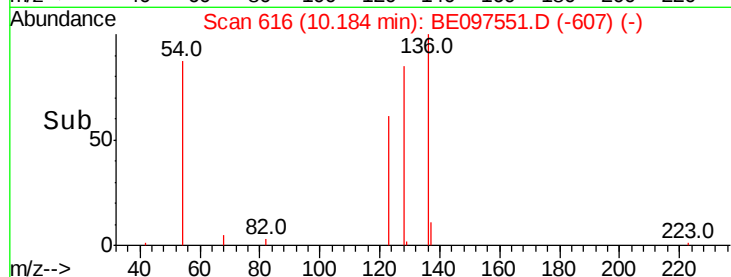
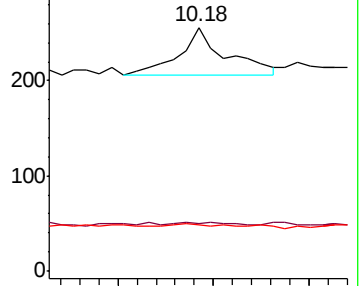
127 18.8 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.004 ng

RT: 10.44 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

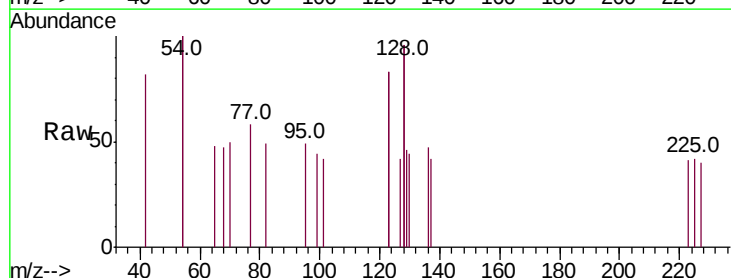
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

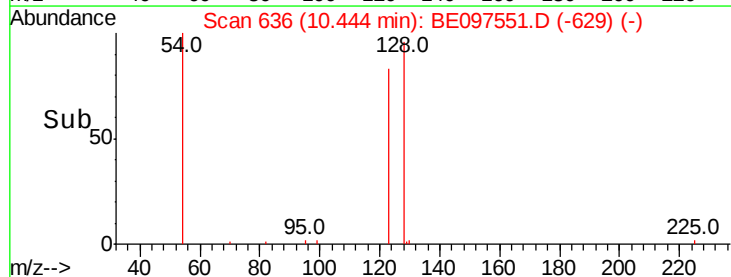
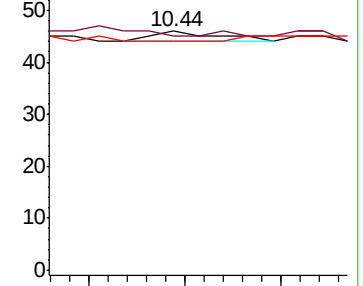
227 0.0 51.4 77.2#

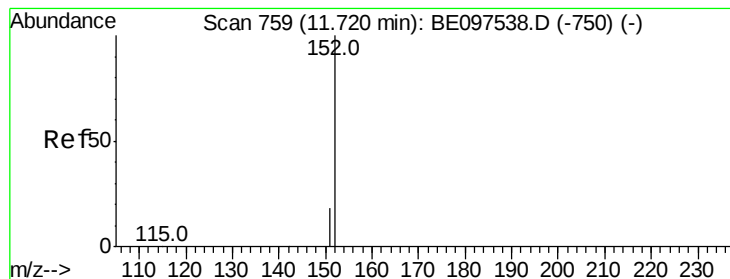


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 11.74 min Scan# 762

Delta R.T. 0.02 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

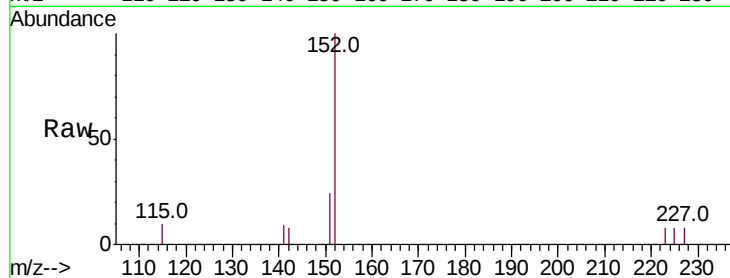
ClientSampleId :

Tot Ion:152 Resp: 1503

Ion Ratio Lower Upper

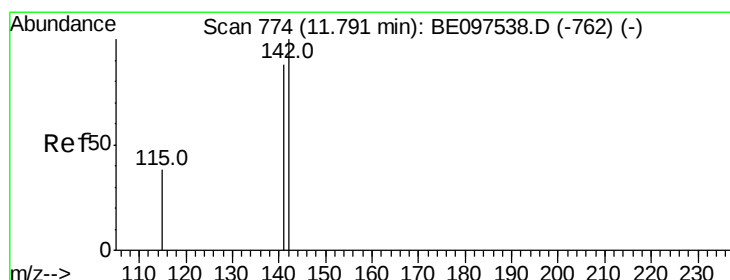
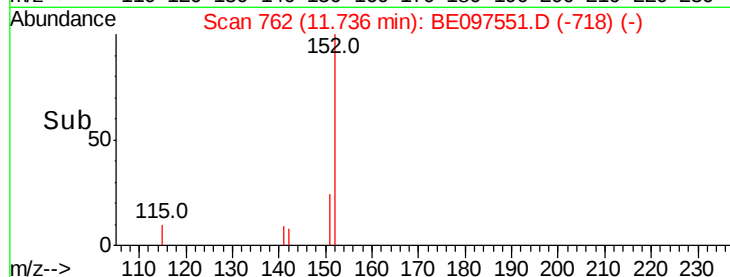
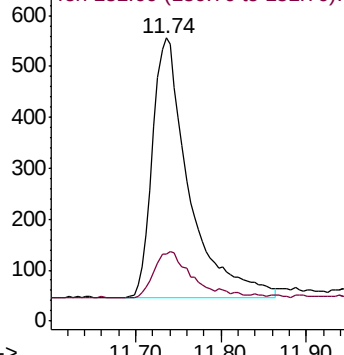
152 100

151 18.0 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: BE097551.D

Acq: 19 Sep 2018 21:53

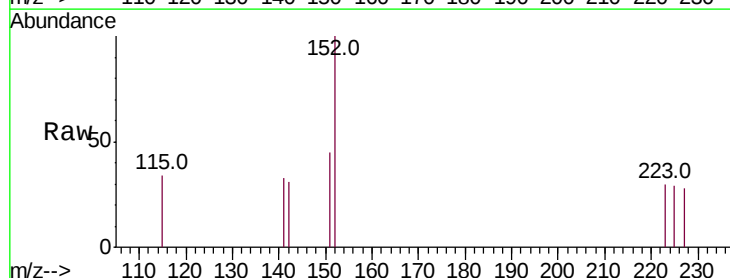
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 106.3 70.4 105.6#

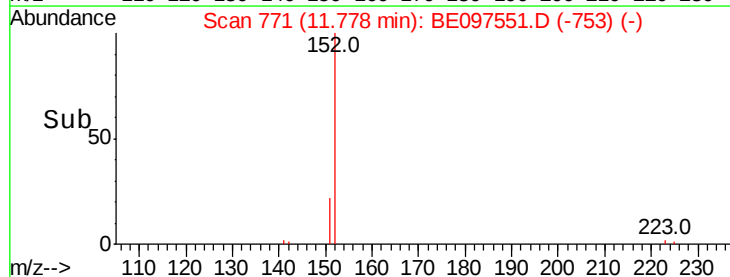
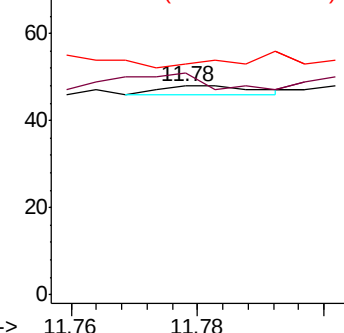
115 110.4 31.7 47.5#

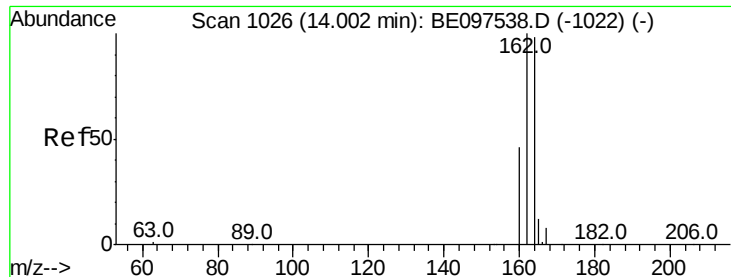


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1027

Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampled :

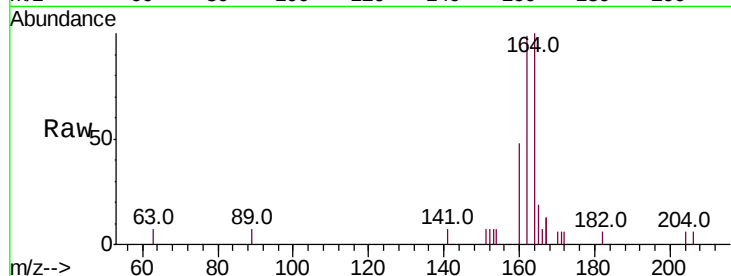
Tot Ion:164 Resp: 1493

Ion Ratio Lower Upper

164 100

162 98.9 83.1 124.7

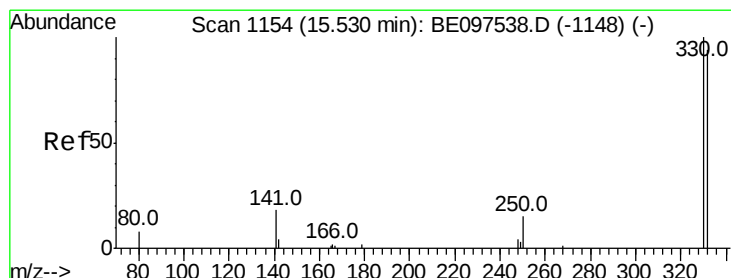
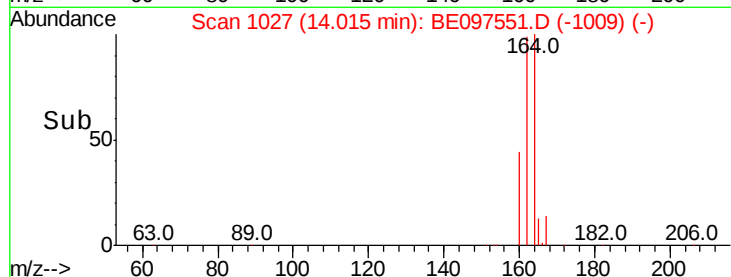
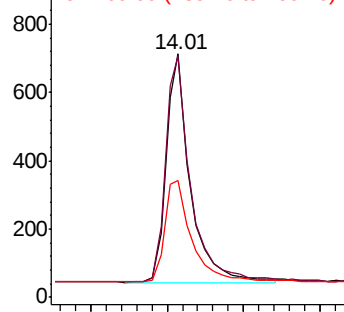
160 48.1 37.1 55.7



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: 0.371 ng

RT: 15.53 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

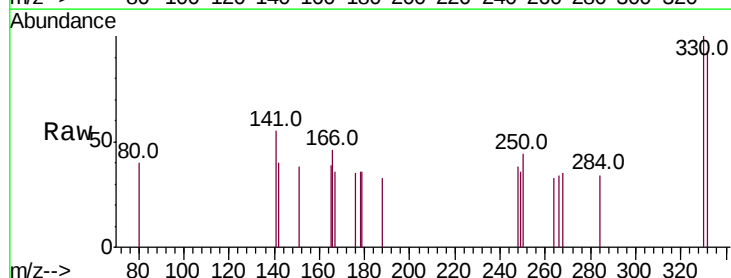
Tgt Ion:330 Resp: 201

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

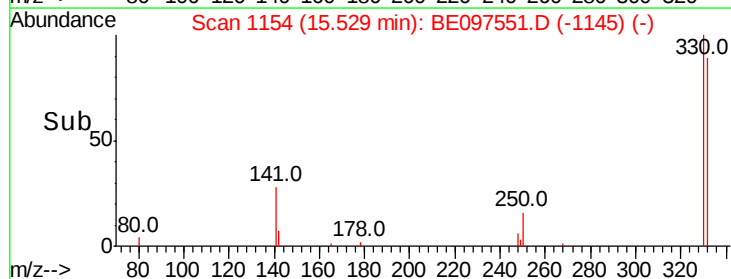
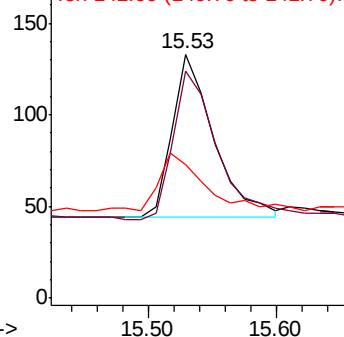
141 32.8 33.7 50.5#

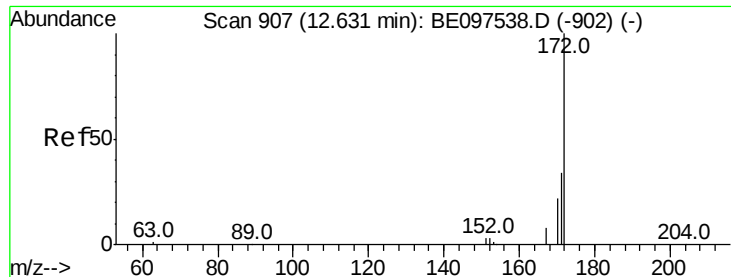


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

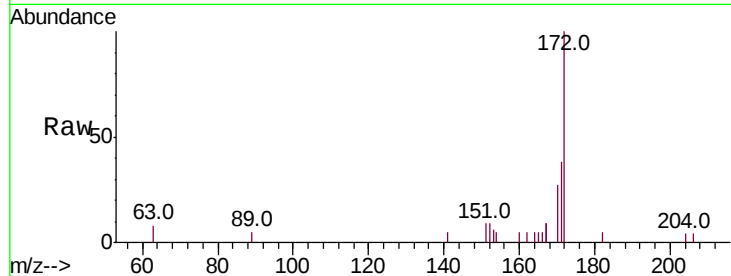




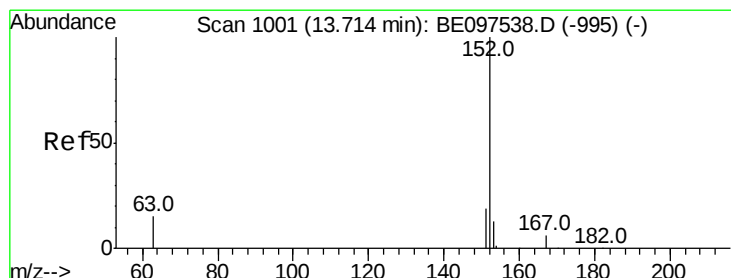
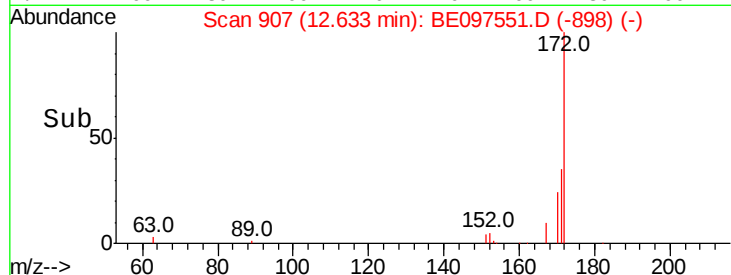
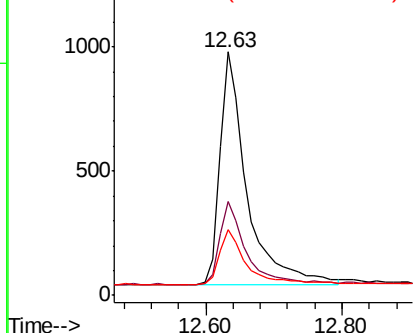
#15
2-Fluorobiphenyl
Concen: 0.492 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 2594
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 27.1 21.8 32.8

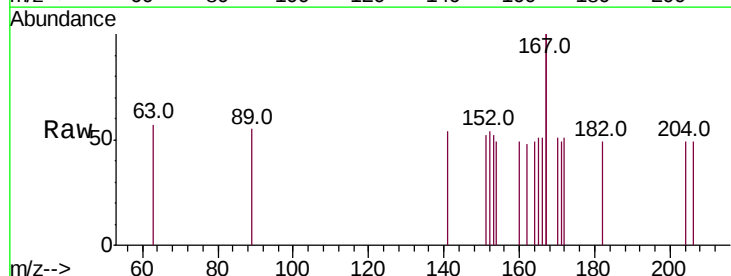


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

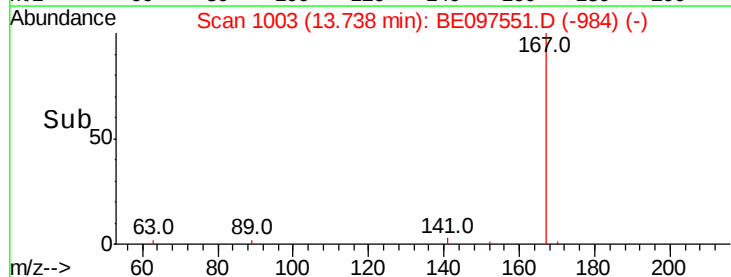
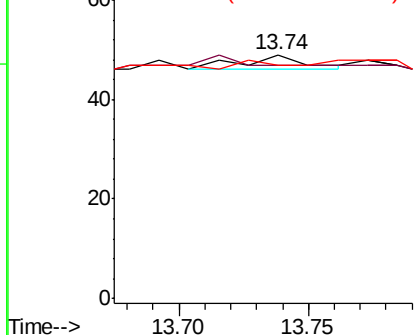


#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

Tgt Ion:152 Resp: 6
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 116.7 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

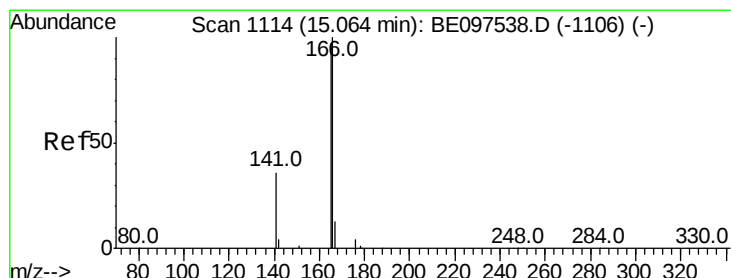
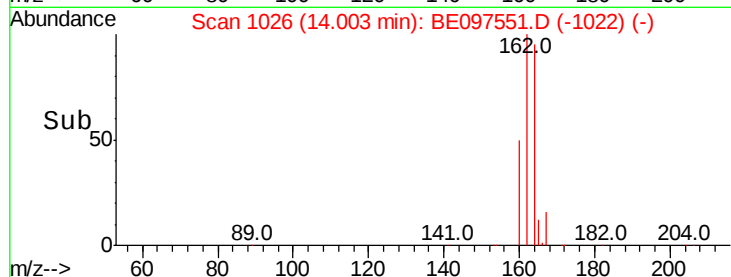
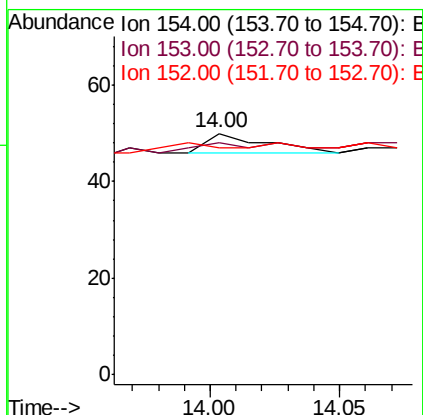
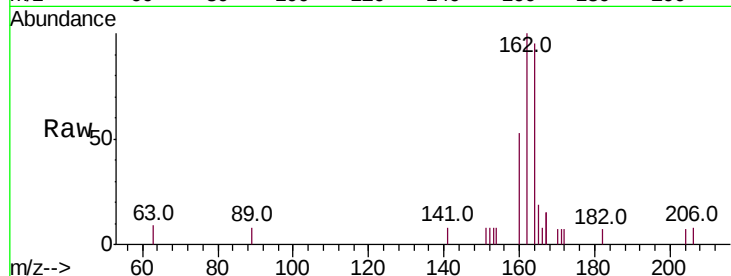




#17
Acenaphthene
Concen: 0.002 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.06 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

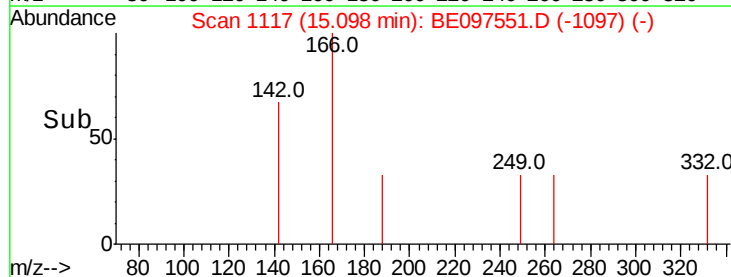
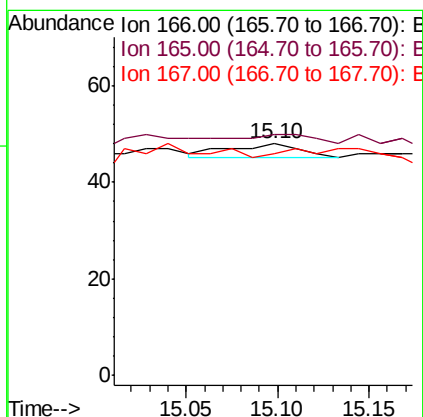
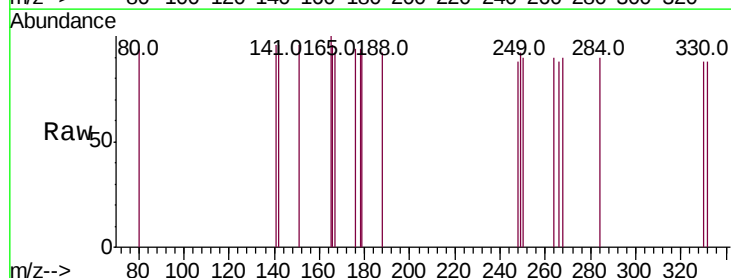
Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 6
Ion Ratio Lower Upper
154 100
153 16.7 89.2 133.8#
152 0.0 42.0 63.0#



#18
Fluorene
Concen: 0.002 ng
RT: 15.10 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

Tgt Ion:166 Resp: 8
Ion Ratio Lower Upper
166 100
165 50.0 77.8 116.6#
167 75.0 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

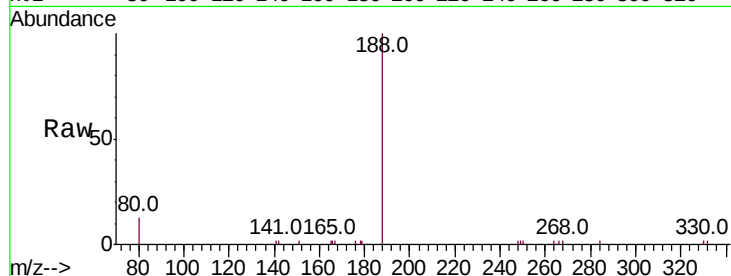
Tot Ion:188 Resp: 4460

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

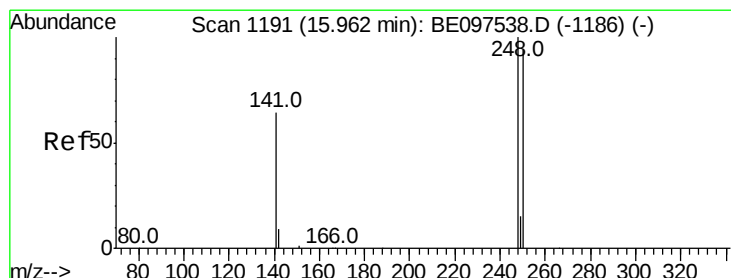
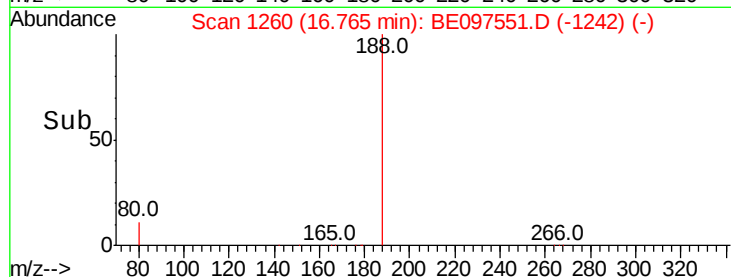
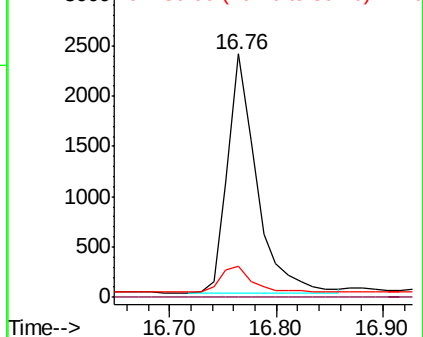
80 12.6 3.6 5.4#



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: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

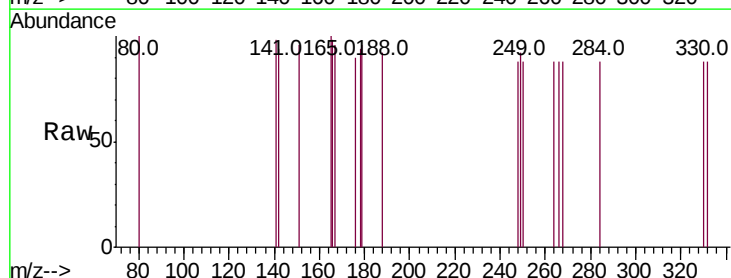
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

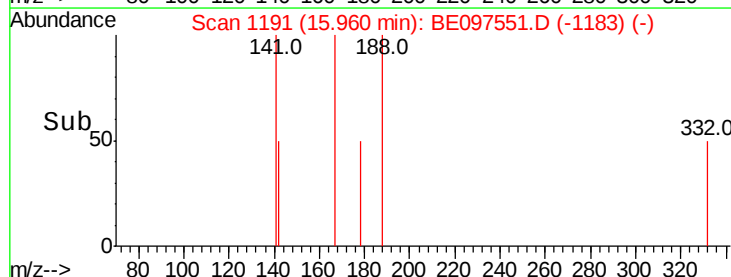
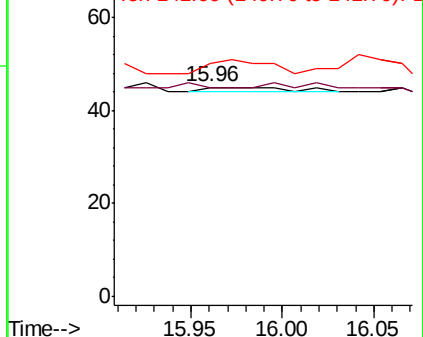
141 111.1 48.2 72.2#

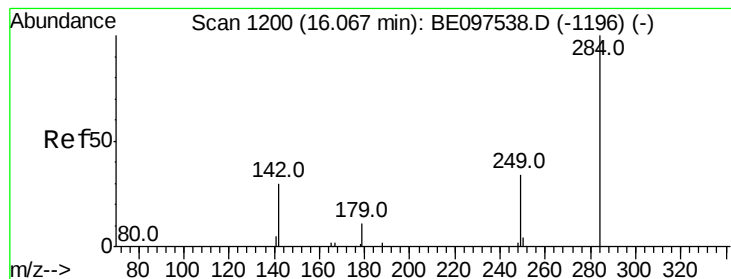


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.09 min Scan# 1202

Delta R.T. 0.02 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampled :

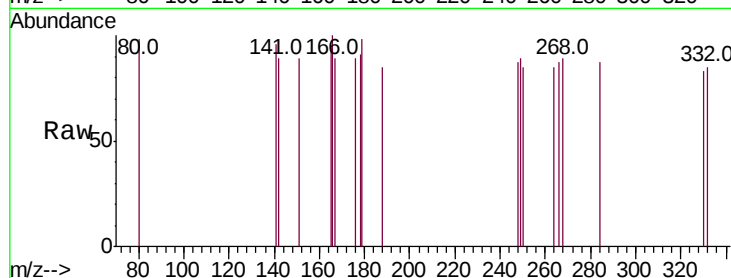
Tot Ion:284 Resp: 1

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

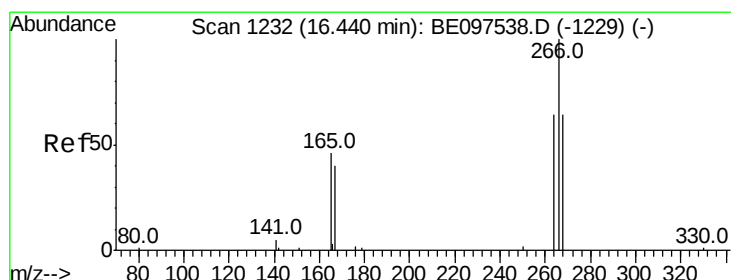
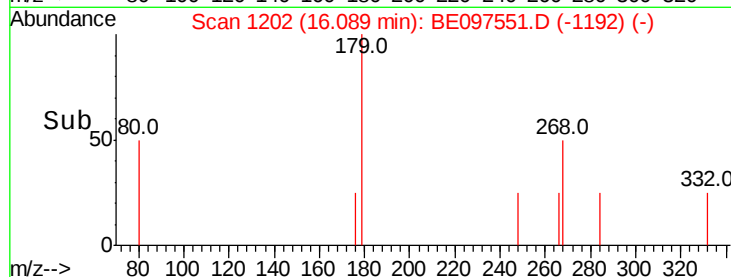
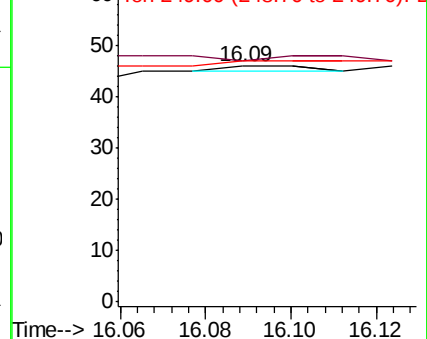
249 300.0 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.136 ng

RT: 16.46 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

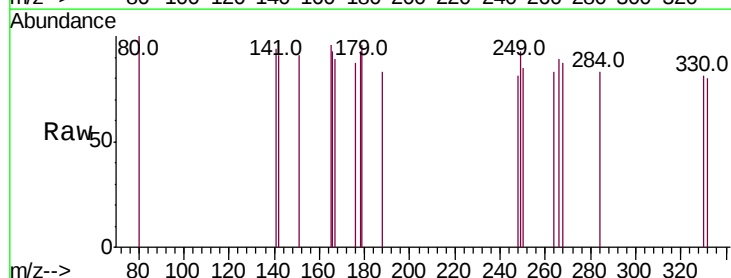
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 72.5 108.7

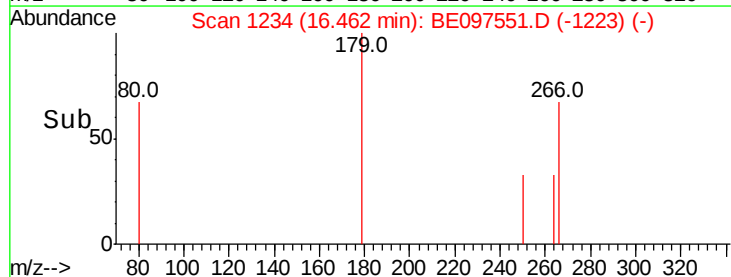
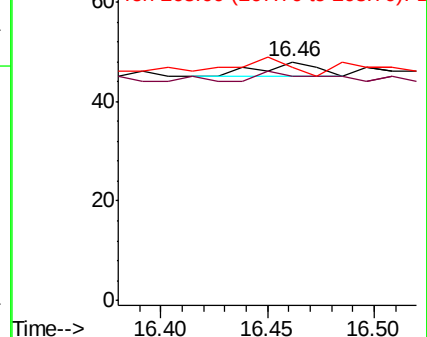
268 97.9 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.003 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

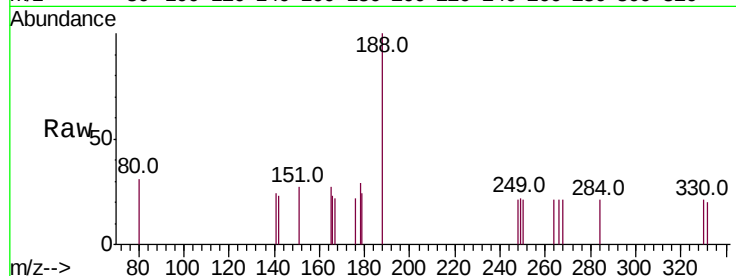
Tot Ion:178 Resp: 34

Ion Ratio Lower Upper

178 100

176 23.5 15.1 22.7#

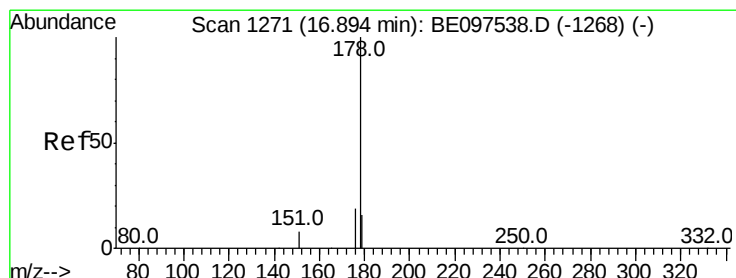
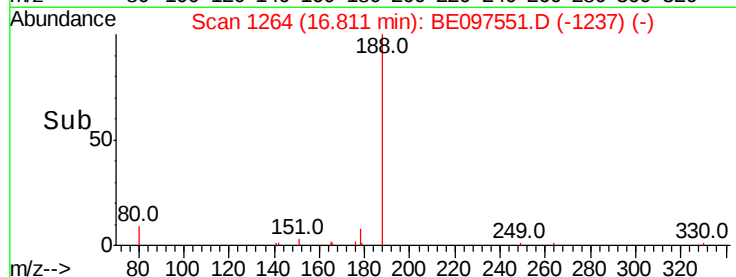
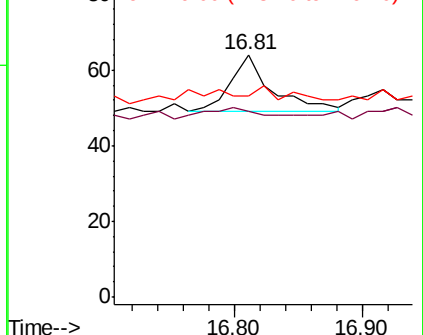
179 0.0 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.001 ng

RT: 16.92 min Scan# 1273

Delta R.T. 0.02 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

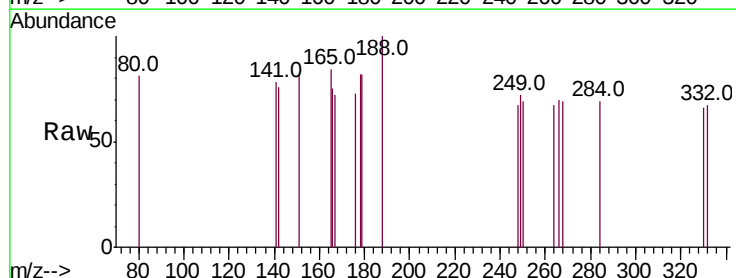
Tgt Ion:178 Resp: 11

Ion Ratio Lower Upper

178 100

176 54.5 12.8 19.2#

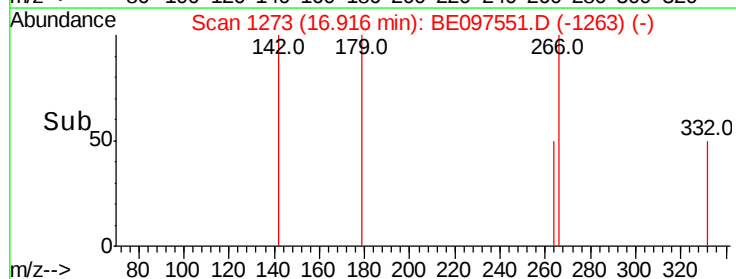
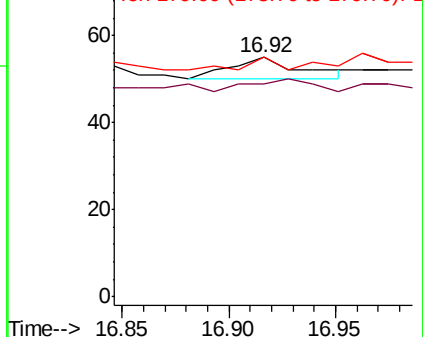
179 27.3 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.412 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

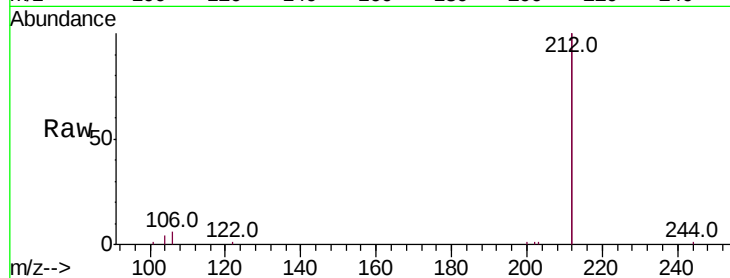
Tot Ion:212 Resp: 23530

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

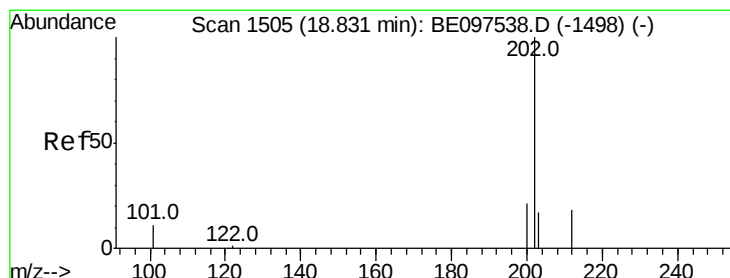
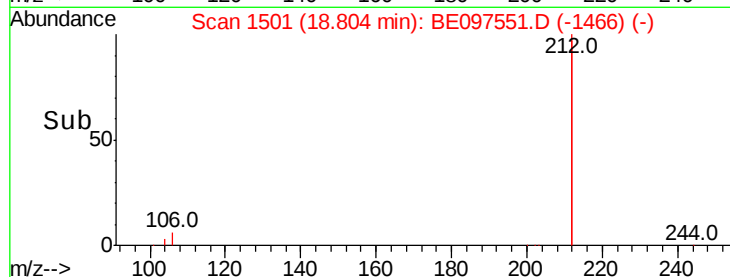
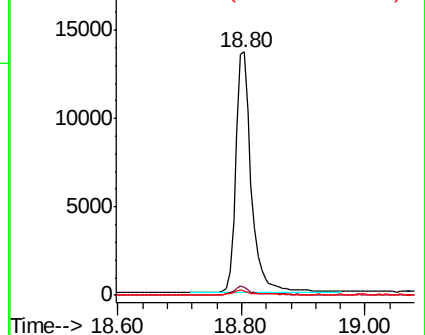
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.002 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

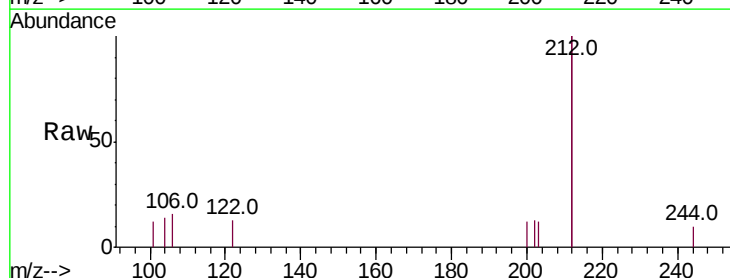
Tgt Ion:202 Resp: 24

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

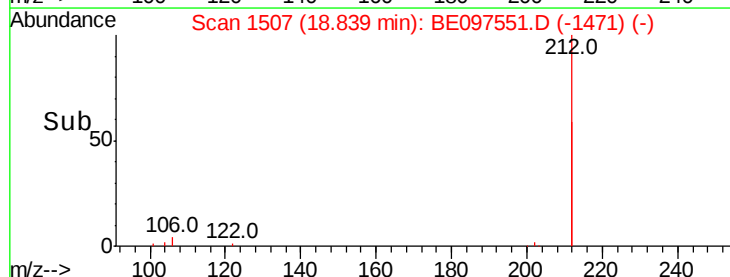
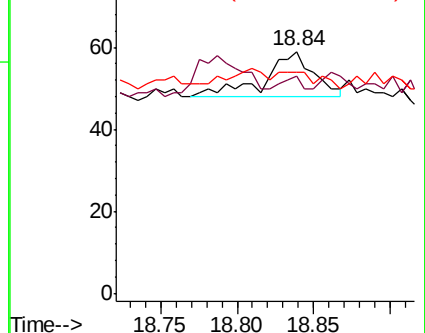
203 33.3 13.7 20.5#



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: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

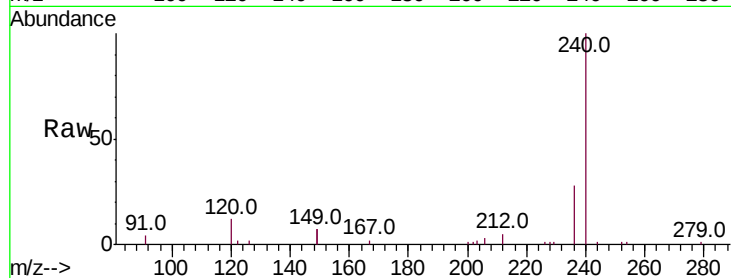
Tot Ion:240 Resp: 7483

Ion Ratio Lower Upper

240 100

120 11.5 5.5 8.3#

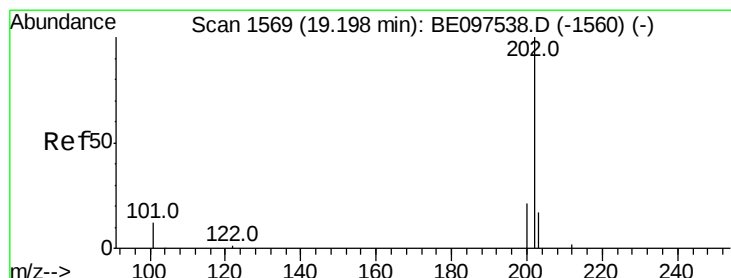
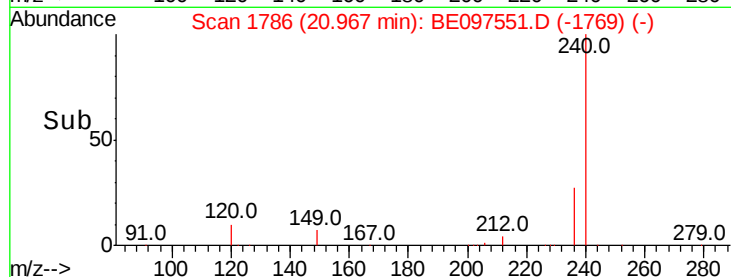
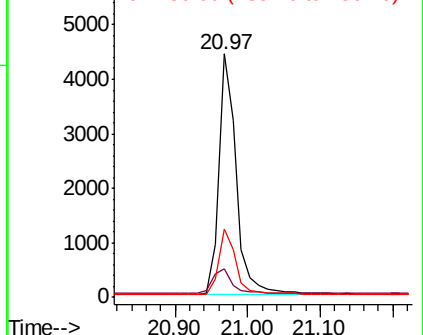
236 27.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.002 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

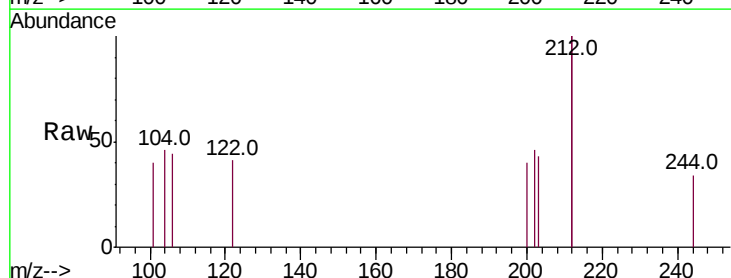
Tgt Ion:202 Resp: 26

Ion Ratio Lower Upper

202 100

200 15.4 16.6 25.0#

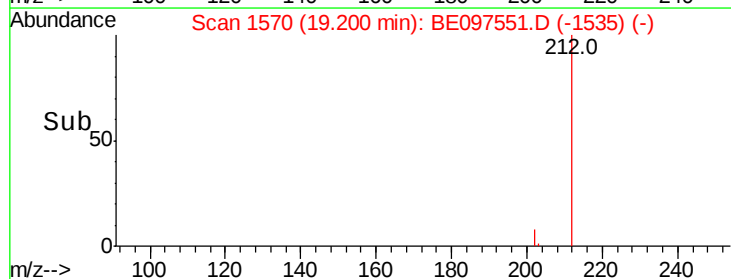
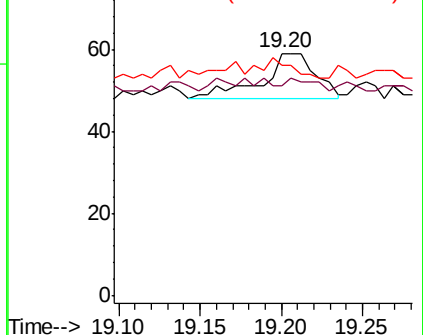
203 23.1 13.8 20.8#



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: 0.424 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

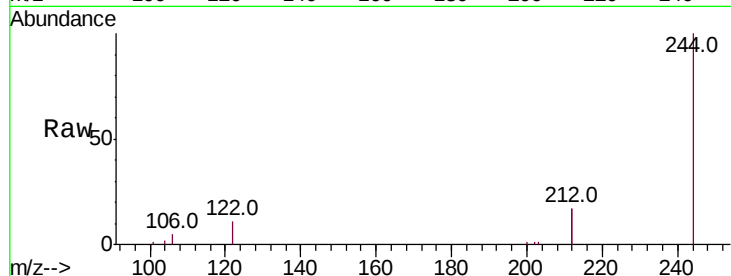
Tot Ion:244 Resp: 5812

Ion Ratio Lower Upper

244 100

212 34.1 25.4 38.0

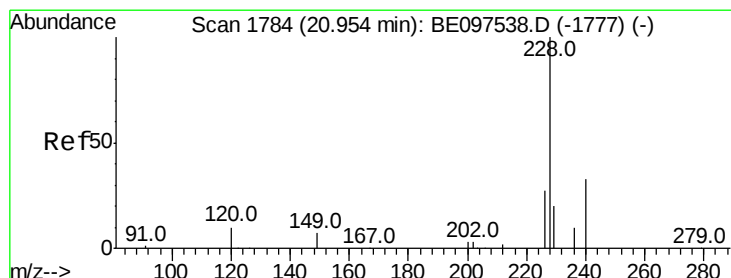
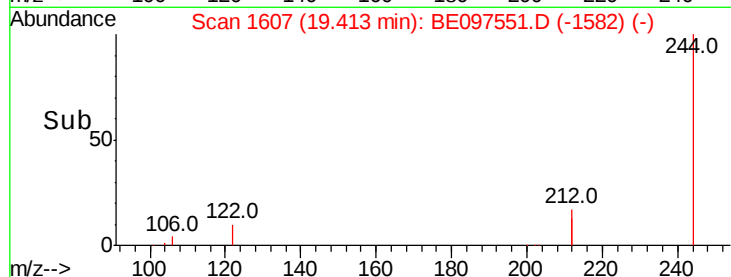
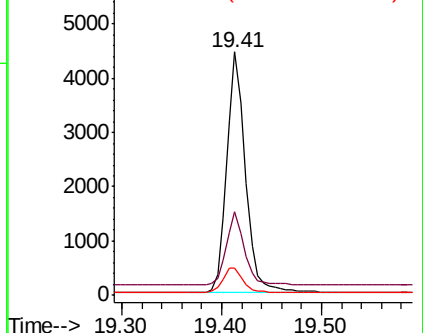
122 11.3 8.1 12.1



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# 1786

Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

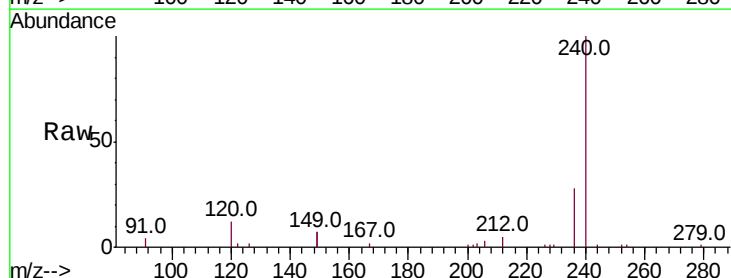
Tgt Ion:228 Resp: 52

Ion Ratio Lower Upper

228 100

226 82.8 24.0 36.0#

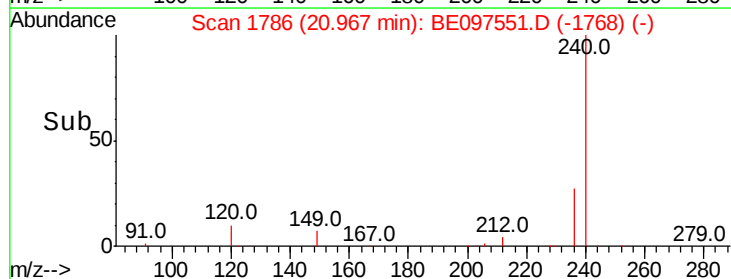
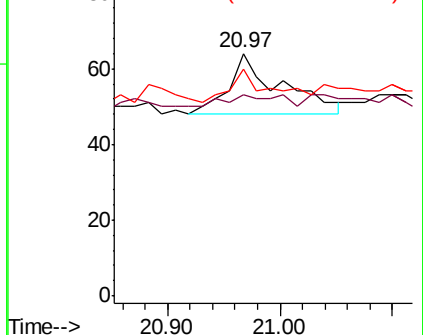
229 93.8 16.0 24.0#



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: 0.002 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.04 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

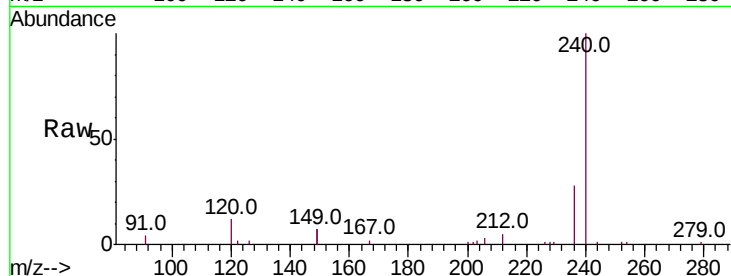
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 36

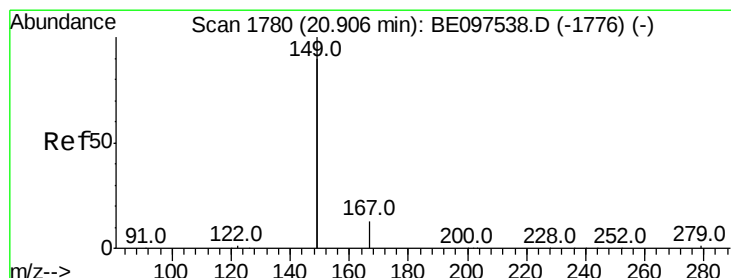
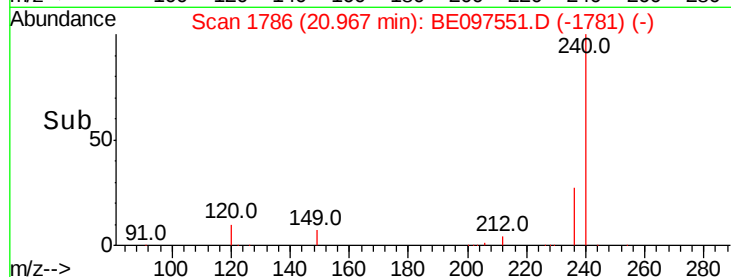
Ion	Ratio	Lower	Upper
228	100		
226	82.8	24.0	36.0#
229	93.8	16.0	24.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 20.91 min Scan# 1781

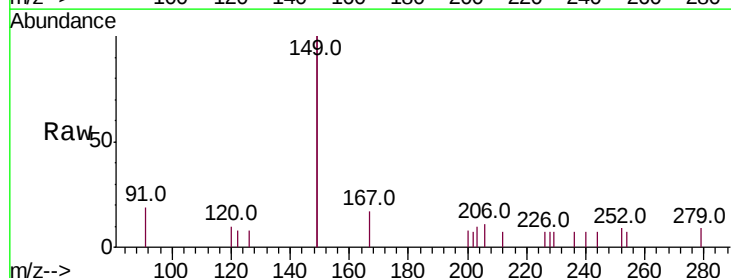
Delta R.T. 0.00 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Tgt Ion:149 Resp: 1299

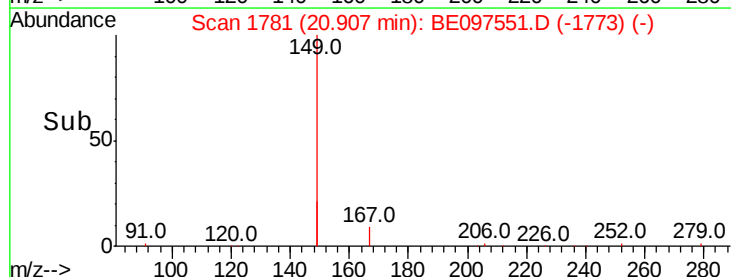
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.7	0.7	1.1#



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# 2847

Delta R.T. 0.01 min

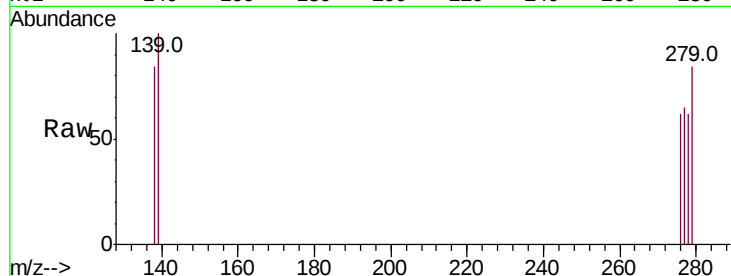
Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

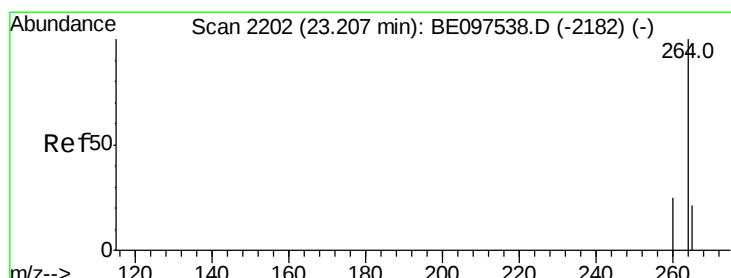
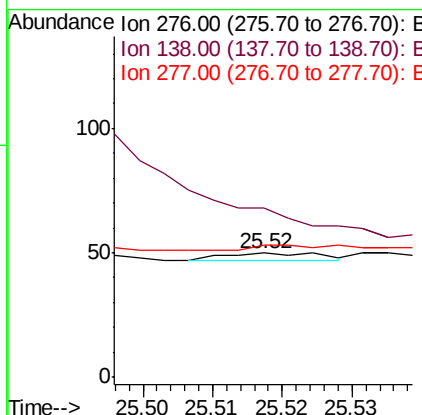
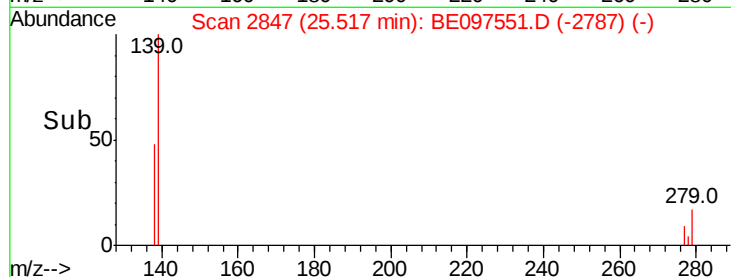
Instrument :

BNA_E

ClientSampleId :



Tot Ion:276	Resp:	3
Ion	Ratio	Lower Upper
276	100	
138	0.0	22.5 33.7#
277	66.7	19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

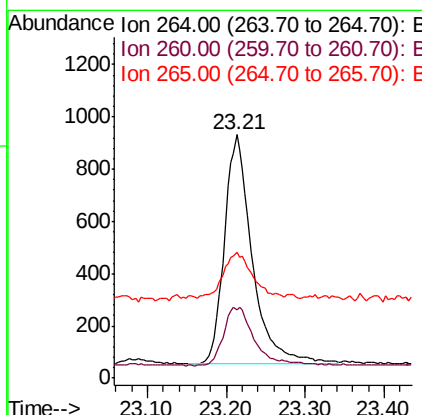
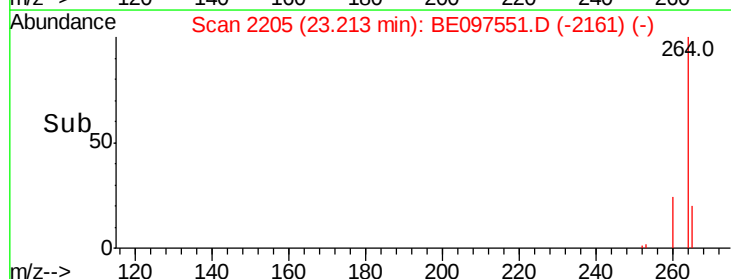
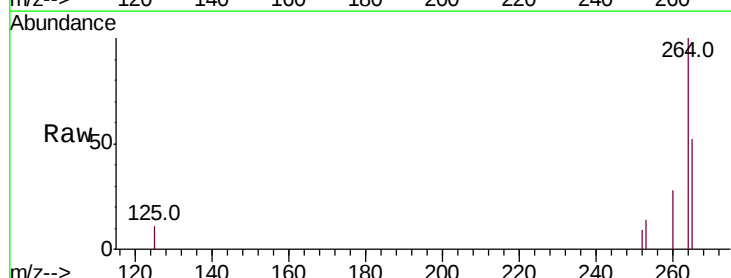
RT: 23.21 min Scan# 2205

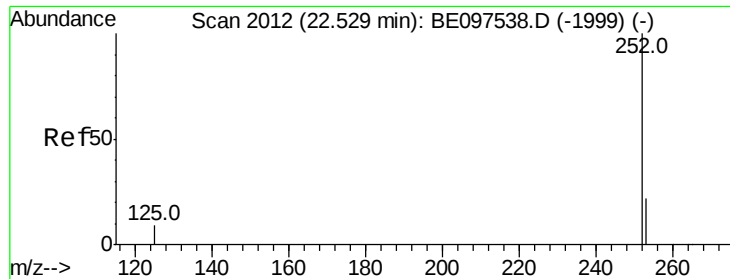
Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Tgt Ion:264	Resp:	2149
Ion	Ratio	Lower Upper
264	100	
260	28.2	20.5 30.7
265	51.8	22.8 34.2#

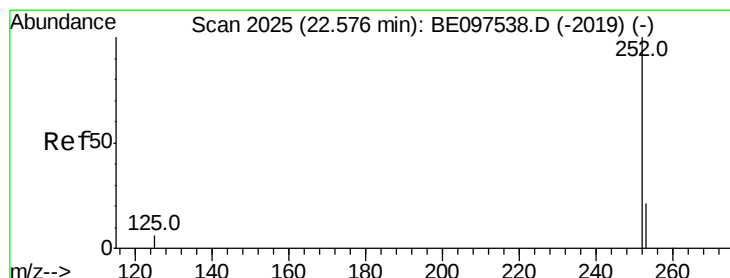
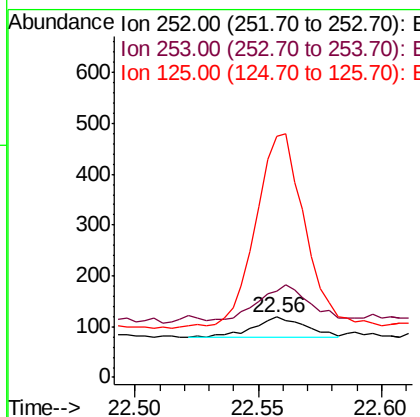
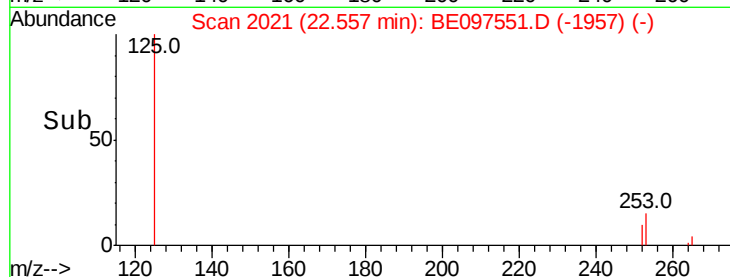
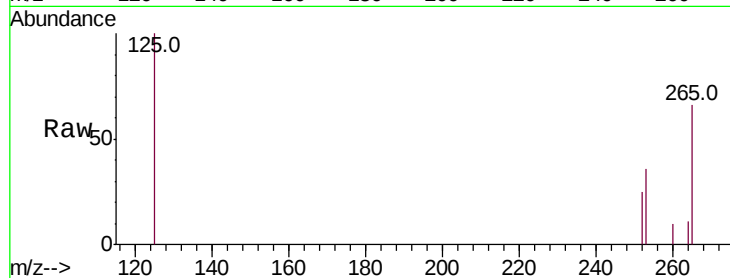




#35
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 22.56 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

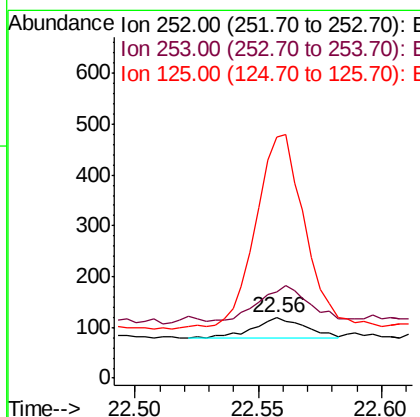
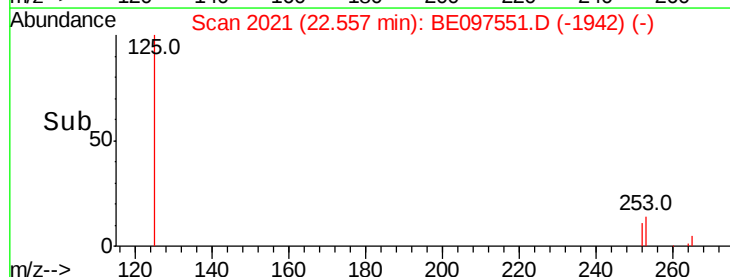
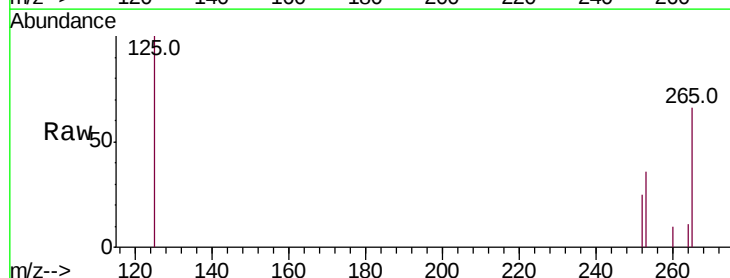
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 142.9 20.0 30.0#
125 398.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 22.56 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BE097551.D
Acq: 19 Sep 2018 21:53

Tgt Ion:252 Resp: 60
Ion Ratio Lower Upper
252 100
253 142.9 16.0 24.0#
125 398.3 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :

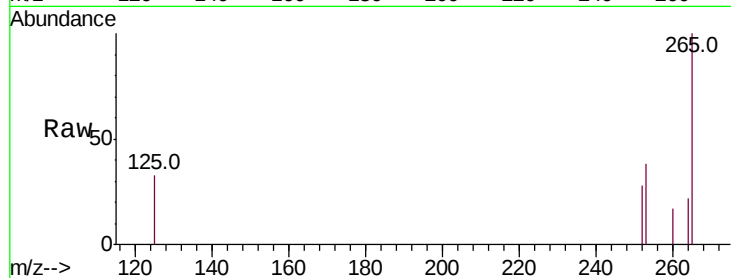
Tot Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 138.1 16.0 24.0#

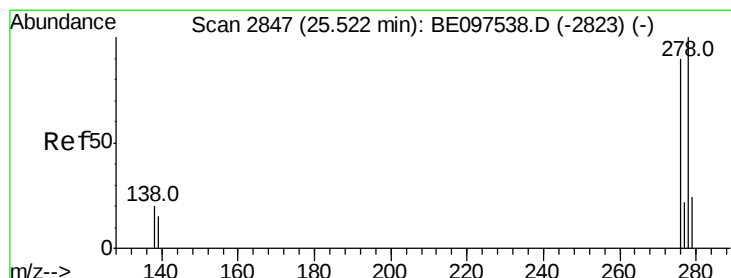
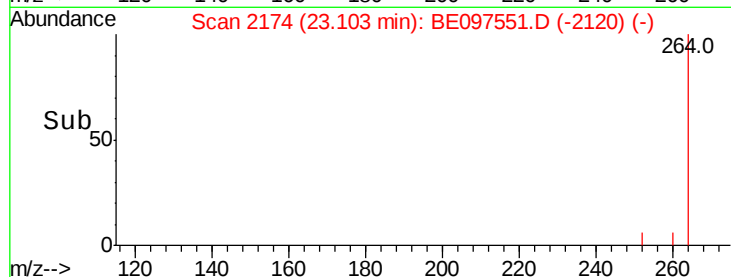
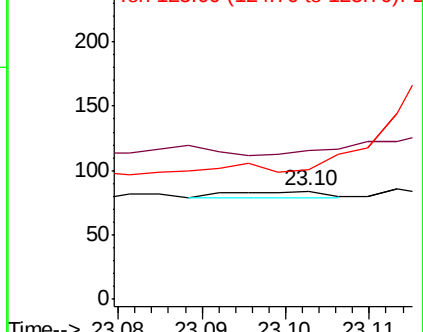
125 120.2 12.0 18.0#



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: 0.001 ng

RT: 25.53 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

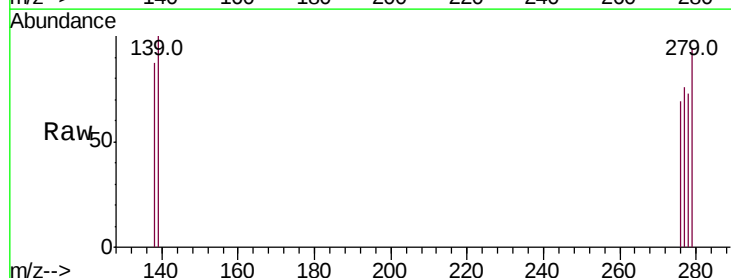
Tgt Ion:278 Resp: 3

Ion Ratio Lower Upper

278 100

139 137.3 16.0 24.0#

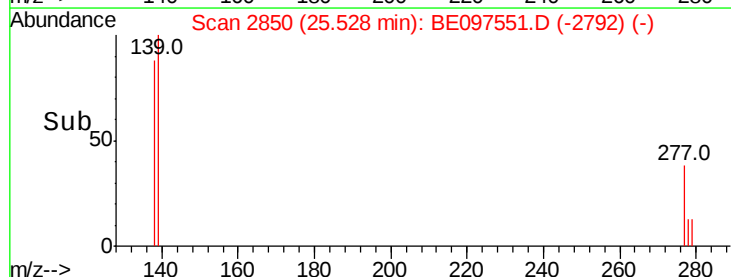
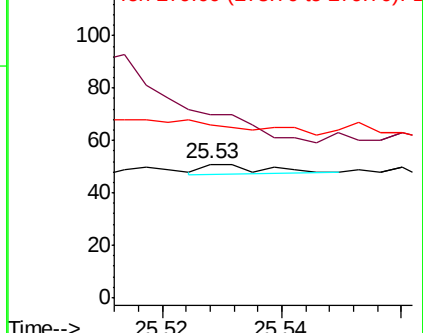
279 129.4 20.0 30.0#



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(a,h,i)perylene

Concen: 0.000 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

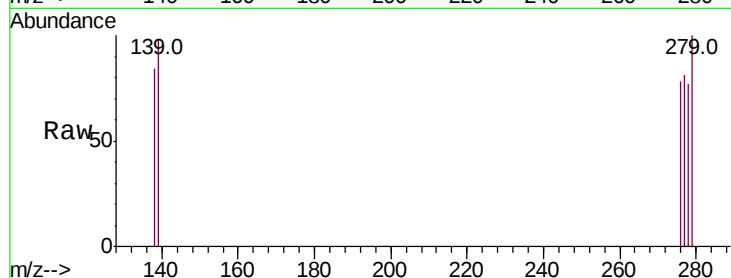
Lab File: BE097551.D

Acq: 19 Sep 2018 21:53

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

277 104.0 16.0 24.0#

138 108.0 20.0 30.0#

