

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
 Data File : BE097331.D
 Acq On : 20 Aug 2018 14:12
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

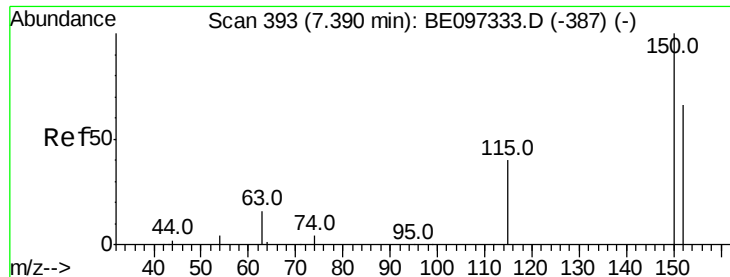
Quant Time: Aug 20 16:08:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 20 16:08:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	868	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	4339	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1832	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	4936	0.40	ng	0.01
27) Chrysene-d12	20.98	240	3440	0.40	ng	0.00
34) Perylene-d12	23.22	264	2644	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	226	0.08	ng	0.01
5) Phenol-d6	6.61	99	290	0.07	ng	0.01
8) Nitrobenzene-d5	8.53	82	167	0.04	ng	0.01
11) 2-Methylnaphthalene-d10	11.74	152	578	0.09	ng	0.02
14) 2,4,6-Tribromophenol	15.54	330	27	0.04	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	900	0.13	ng	0.01
25) Fluoranthene-d10	18.82	212	4035	0.08	ng	0.01
29) Terphenyl-d14	19.44	244	785	0.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	190	0.195	ng	# 75
3) n-Nitrosodimethylamine	3.39	42	125	0.111	ng	# 70
6) bis(2-Chloroethyl)ether	6.84	93	303	0.093	ng	95
9) Naphthalene	10.18	128	4345	0.107	ng	# 95
10) Hexachlorobutadiene	10.48	225	205	0.112	ng	96
12) 2-Methylnaphthalene	11.82	142	573	0.086	ng	# 95
16) Acenaphthylene	13.74	152	729	0.086	ng	99
17) Acenaphthene	14.08	154	528	0.109	ng	# 82
18) Fluorene	15.07	166	638	0.106	ng	# 79
20) 4-Bromophenyl-phenylether	15.98	248	211	0.082	ng	# 83
21) Hexachlorobenzene	16.09	284	338	0.116	ng	# 81
22) Pentachlorophenol	16.41	266	1	0.002	ng	91
23) Phenanthrene	16.81	178	1285	0.108	ng	98
24) Anthracene	16.92	178	851	0.080	ng	# 96
26) Fluoranthene	18.85	202	1063	0.081	ng	98
28) Pyrene	19.21	202	1006	0.108	ng	99
30) Benzo(a)anthracene	20.97	228	756	0.087	ng	# 91
31) Chrysene	21.02	228	1083	0.122	ng	# 90
32) Bis(2-ethylhexyl)phthalate	20.92	149	578	0.052	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.55	276	612	0.064	ng	# 70
35) Benzo(b)fluoranthene	22.55	252	691	0.105	ng	# 90
36) Benzo(k)fluoranthene	22.59	252	962	0.120	ng	# 73
37) Benzo(a)pyrene	23.12	252	600	0.091	ng	# 57
38) Dibenzo(a,h)anthracene	25.56	278	157	0.024	ng	# 42
39) Benzo(g,h,i)perylene	26.24	276	503	0.076	ng	# 53

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

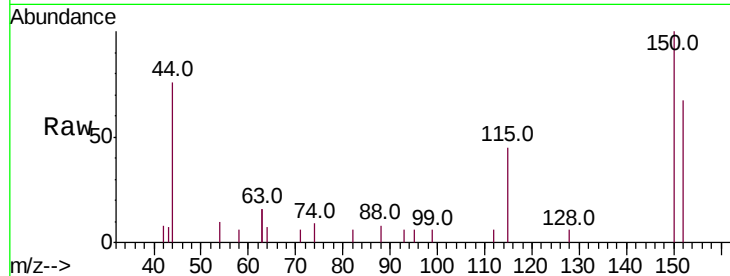


#1

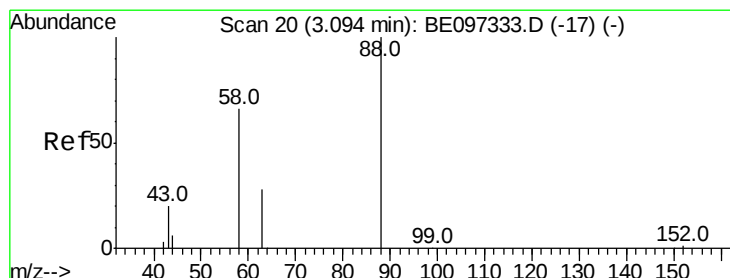
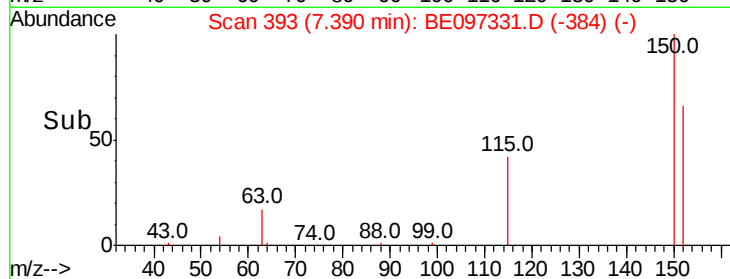
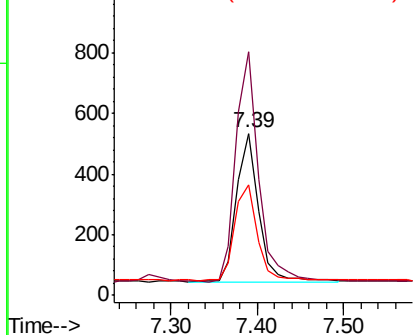
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097331.D
 Acq: 20 Aug 2018 14:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 868
 Ion Ratio Lower Upper
 152 100
 150 150.1 117.2 175.8
 115 68.0 57.0 85.6



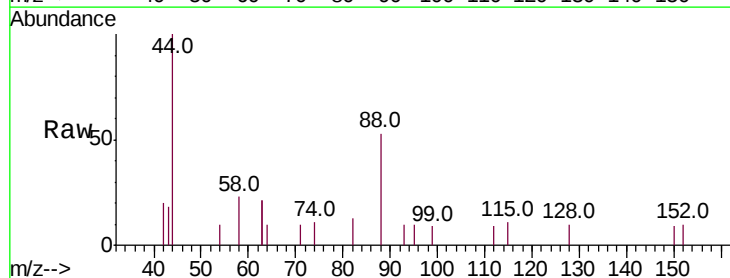
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



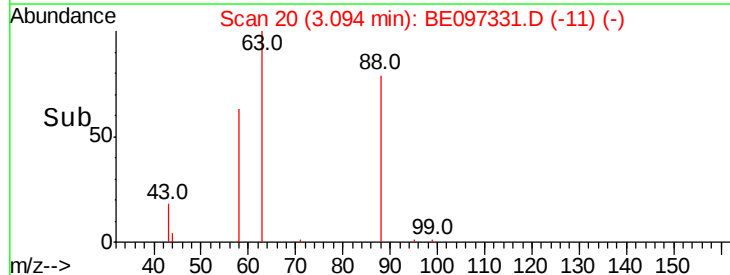
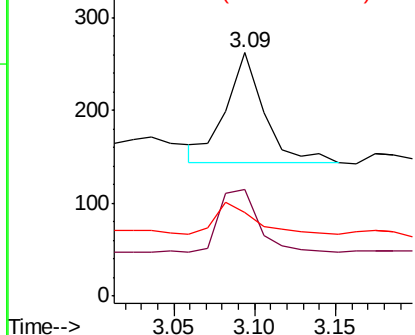
#2

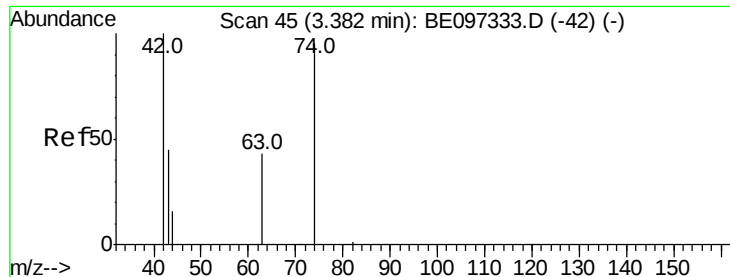
1,4-Dioxane
 Concen: 0.195 ng
 RT: 3.09 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097331.D
 Acq: 20 Aug 2018 14:12

Tgt Ion: 88 Resp: 190
 Ion Ratio Lower Upper
 88 100
 58 60.5 63.2 94.8#
 43 28.9 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: 0.111 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097331.D

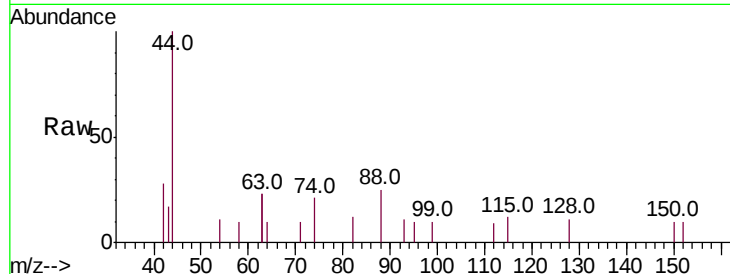
Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

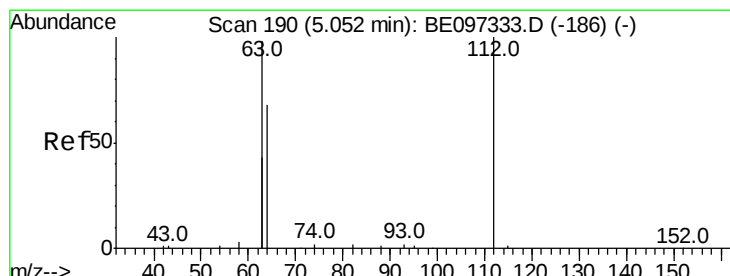
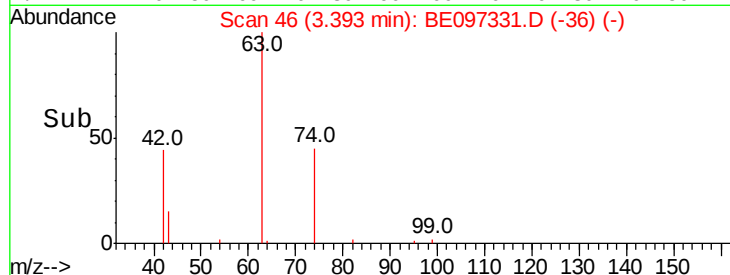
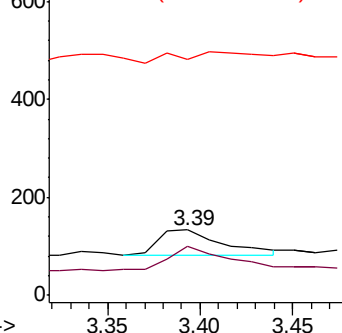
Tot Ion:	42	Resp:	125
Ion	Ratio	Lower	Upper
42	100		
74	95.2	96.0	144.0#
44	54.4	12.0	18.0#



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: 0.079 ng

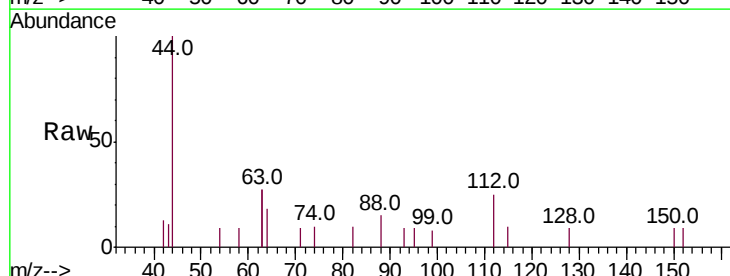
RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

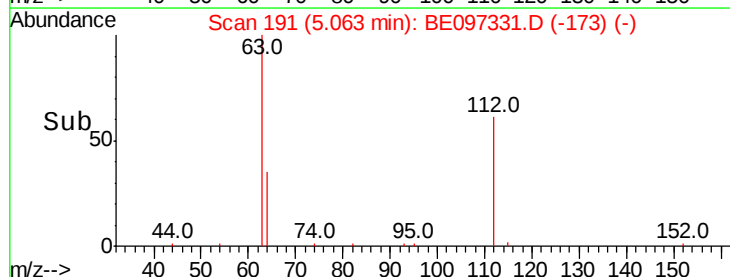
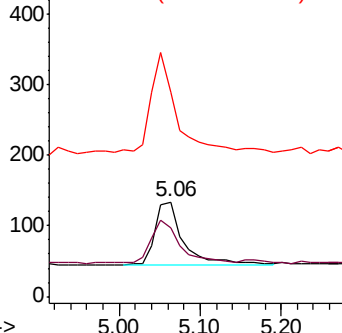
Tgt Ion:	112	Resp:	226
Ion	Ratio	Lower	Upper
112	100		
64	73.0	60.1	90.1
63	145.6	116.8	175.2

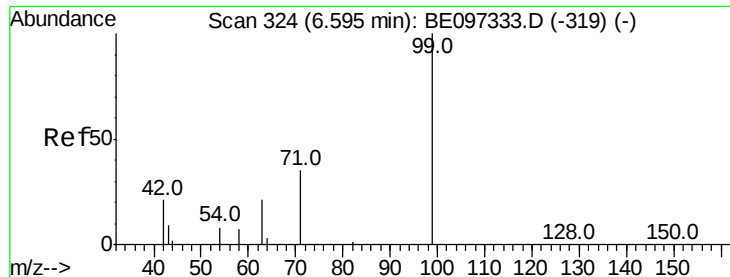


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.071 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

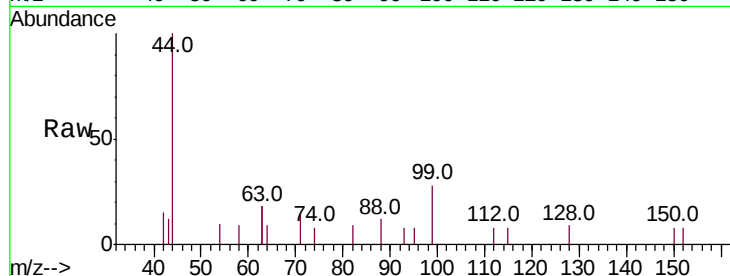
Tot Ion: 99 Resp: 290

Ion Ratio Lower Upper

99 100

42 29.0 20.2 30.2

71 37.9 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

6.61

150

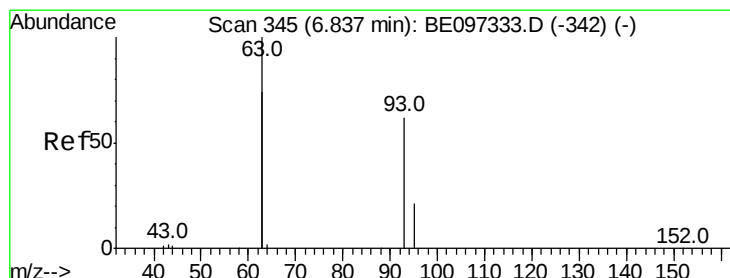
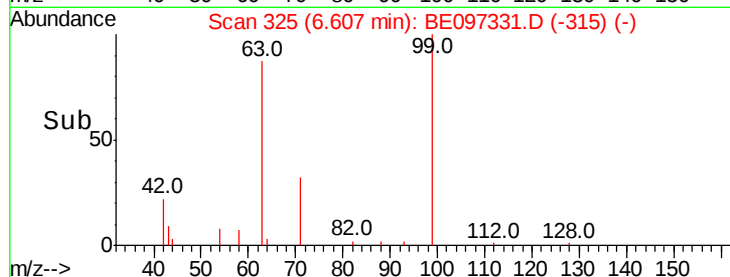
100

50

0

6.55 6.60 6.65

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.093 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

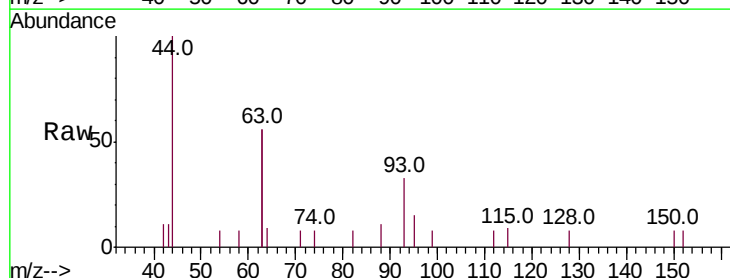
Tgt Ion: 93 Resp: 303

Ion Ratio Lower Upper

93 100

63 333.0 275.3 412.9

95 29.7 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

800

600

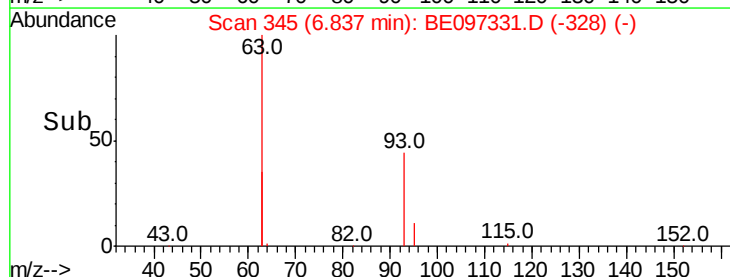
400

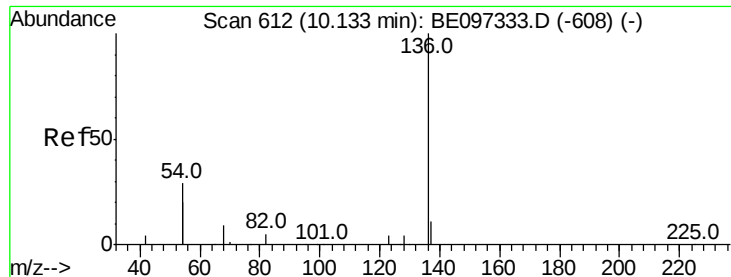
200

0

6.80 6.84 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4339

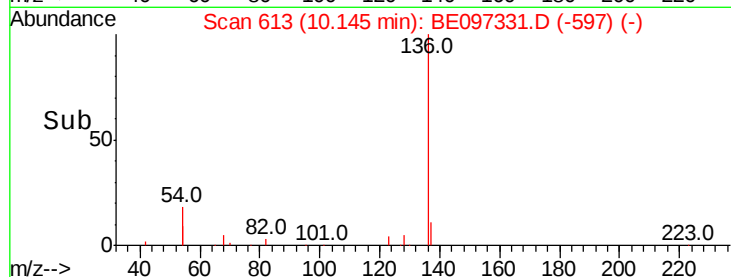
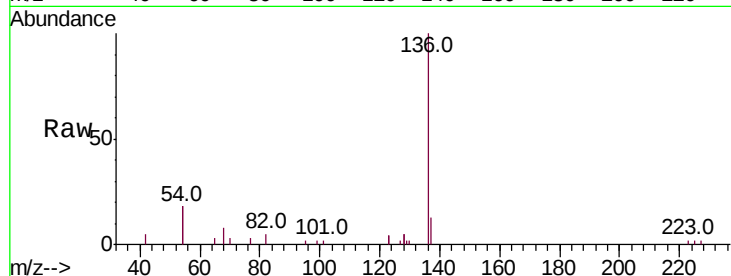
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 35.3 29.1 43.7

68 7.6 6.2 9.2

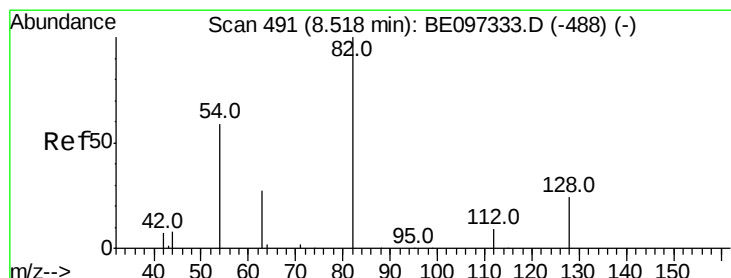
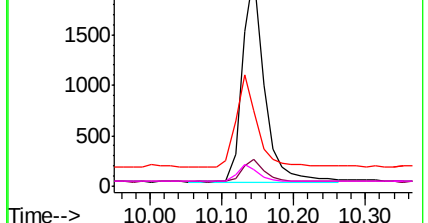


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.042 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

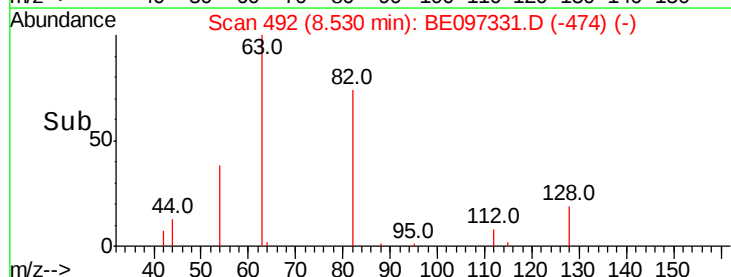
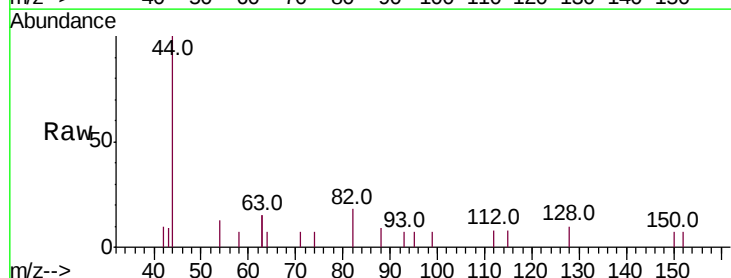
Tgt Ion: 82 Resp: 167

Ion Ratio Lower Upper

82 100

128 54.9 24.0 36.0#

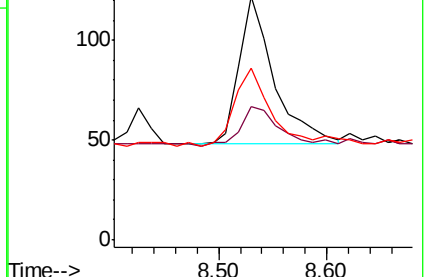
54 70.5 40.0 60.0#

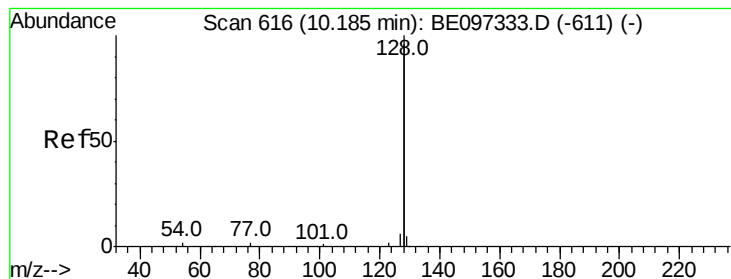


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.107 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampled :

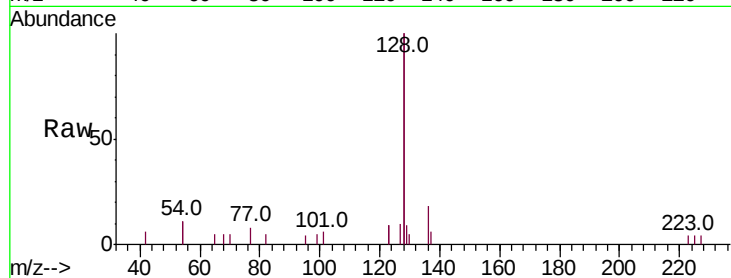
Tot Ion:128 Resp: 4345

Ion Ratio Lower Upper

128 100

129 4.5 2.6 3.8#

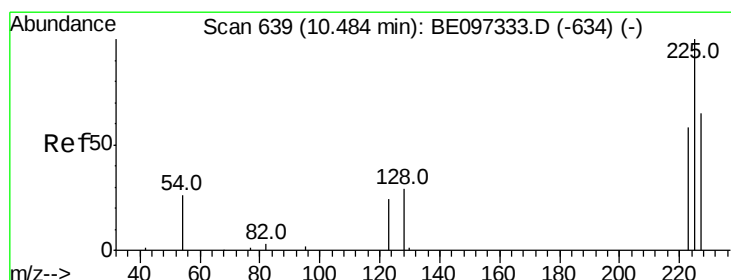
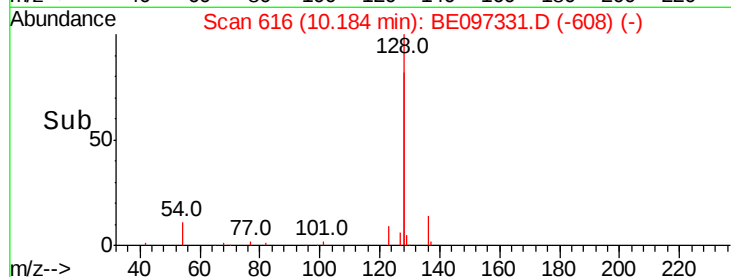
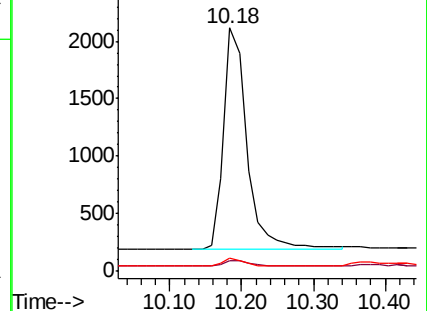
127 5.2 2.8 4.2#



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



#10

Hexachlorobutadiene

Concen: 0.112 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

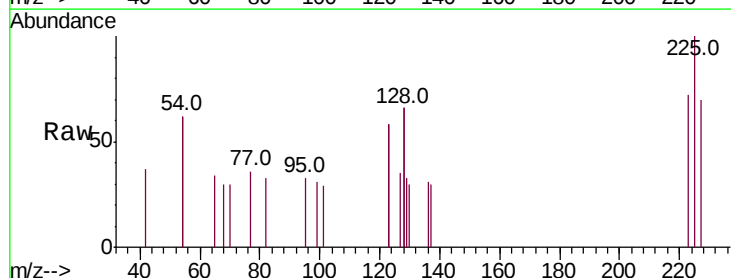
Tgt Ion:225 Resp: 205

Ion Ratio Lower Upper

225 100

223 62.0 53.0 79.6

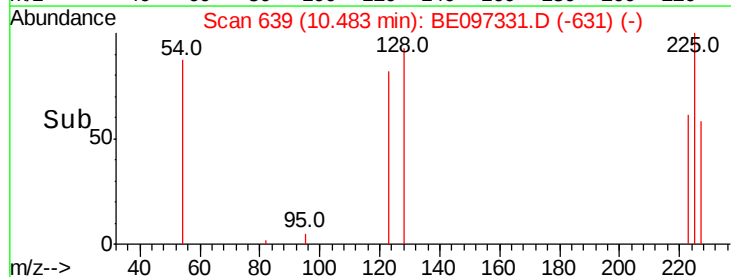
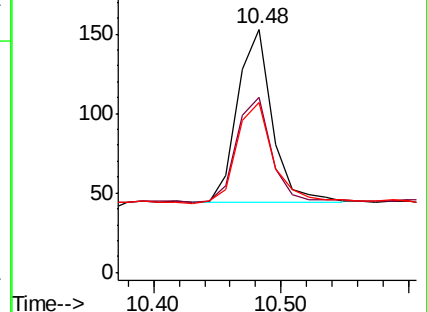
227 62.9 51.4 77.2

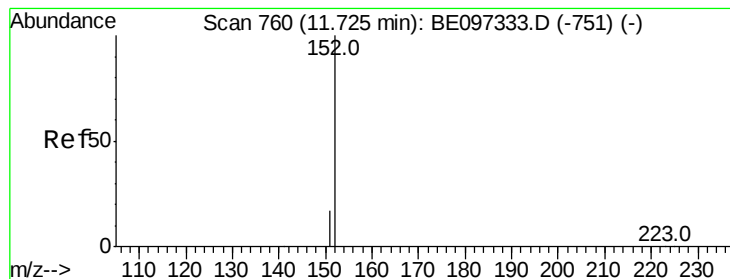


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.092 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

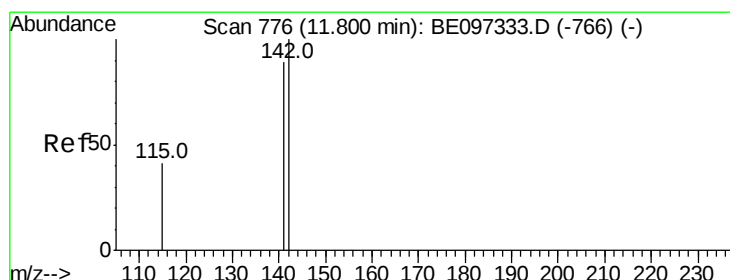
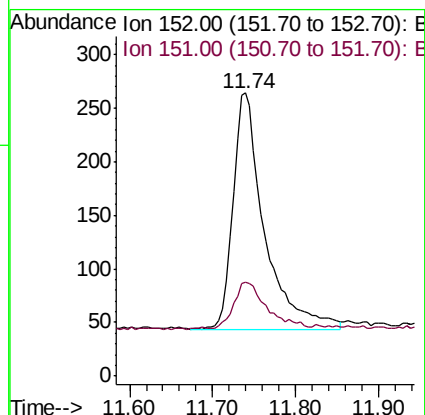
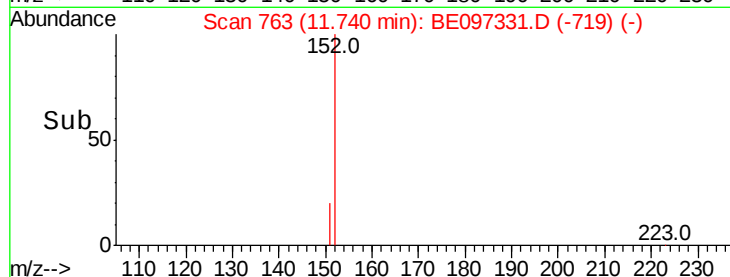
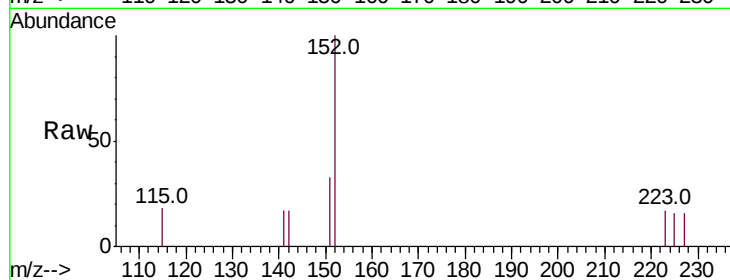
ClientSampleId :

Tot Ion:152 Resp: 578

Ion Ratio Lower Upper

152 100

151 20.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.086 ng

RT: 11.82 min Scan# 779

Delta R.T. 0.02 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

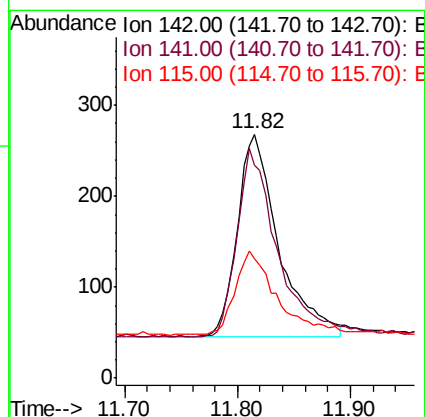
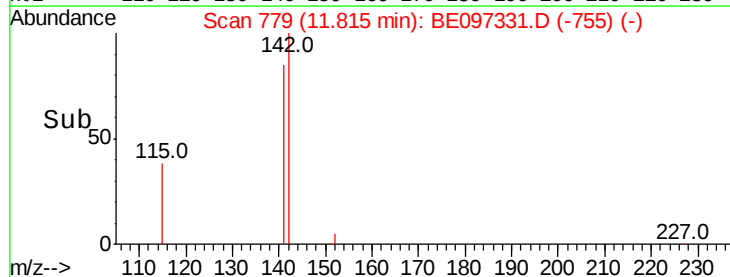
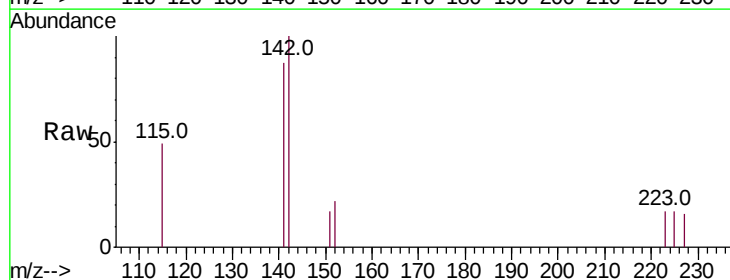
Tgt Ion:142 Resp: 573

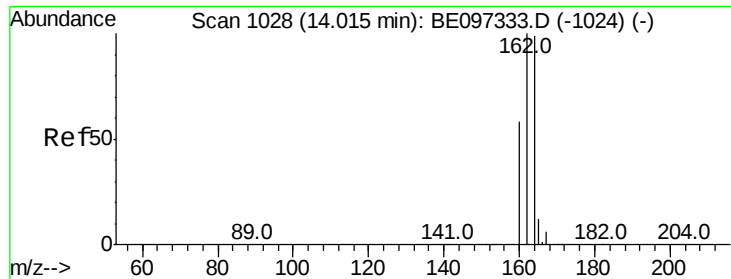
Ion Ratio Lower Upper

142 100

141 87.3 70.4 105.6

115 49.3 31.7 47.5#

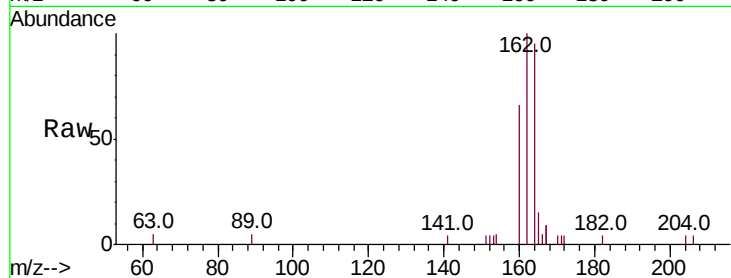




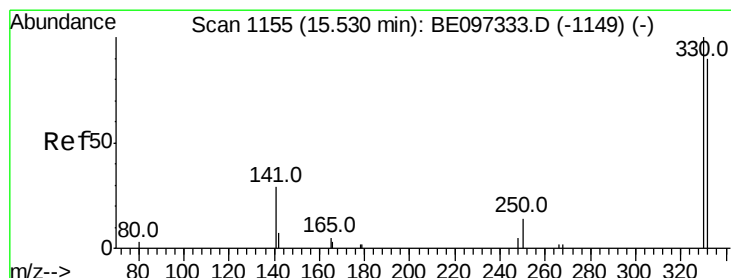
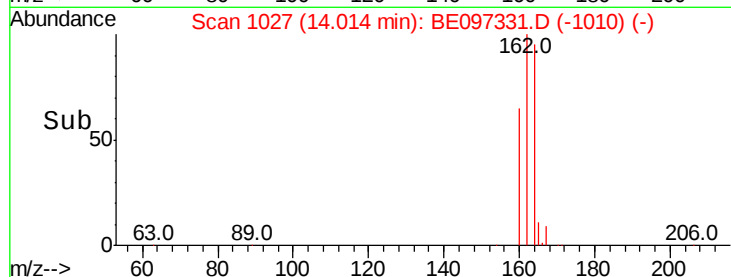
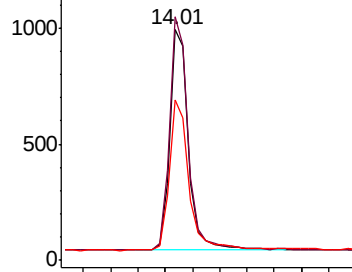
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097331.D
 Acq: 20 Aug 2018 14:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1832
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.1 124.7
 160 69.8 37.1 55.7#

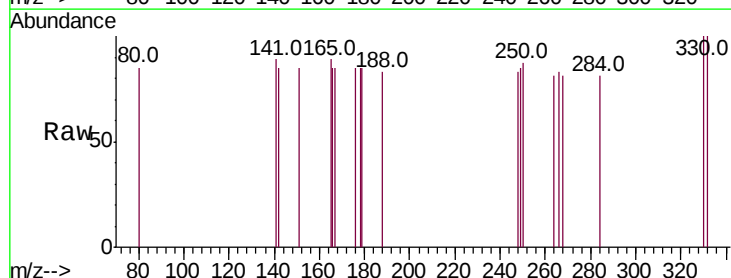


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

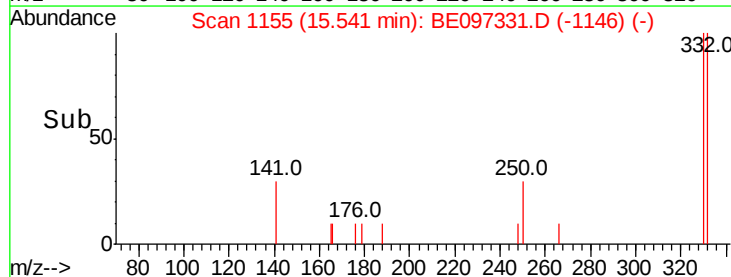
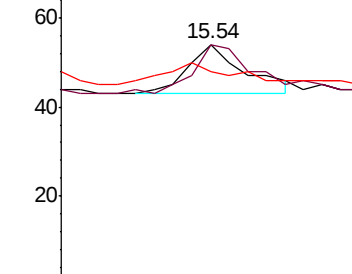


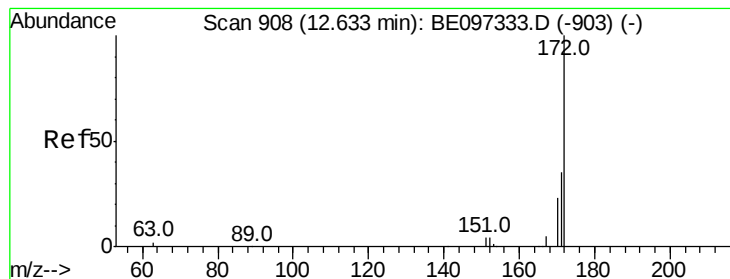
#14
 2,4,6-Tribromophenol
 Concen: 0.044 ng
 RT: 15.54 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097331.D
 Acq: 20 Aug 2018 14:12

Tgt Ion:330 Resp: 27
 Ion Ratio Lower Upper
 330 100
 332 103.7 152.7 229.1#
 141 51.9 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

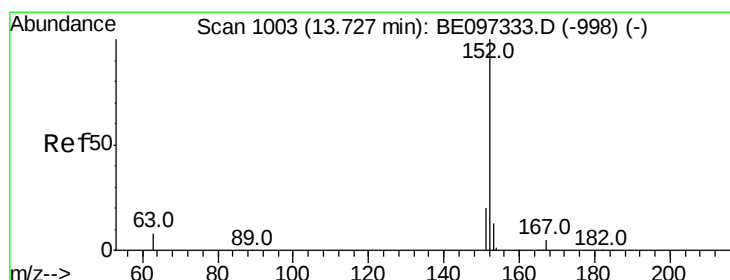
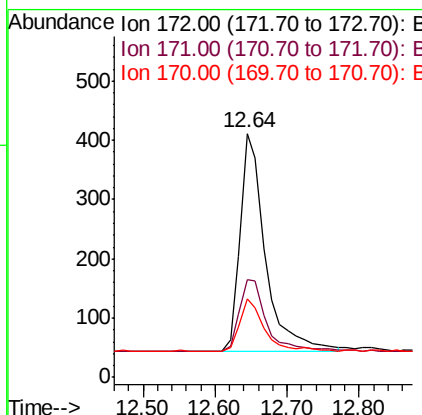
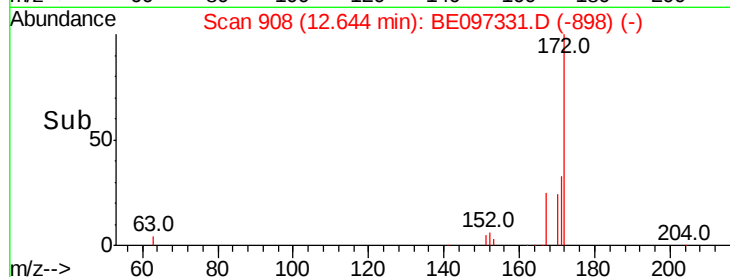
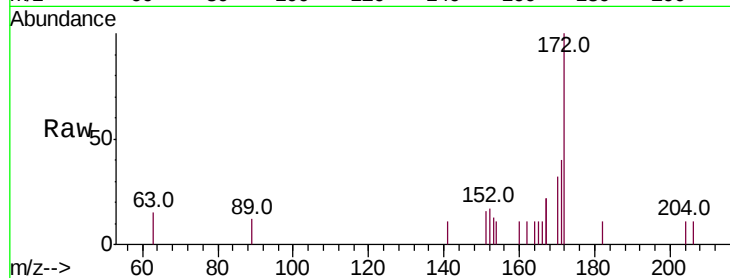




#15
2-Fluorobiphenyl
Concen: 0.131 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

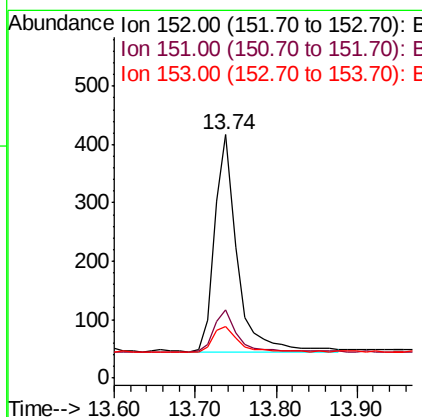
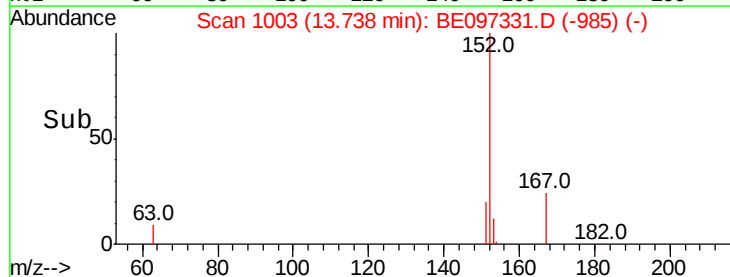
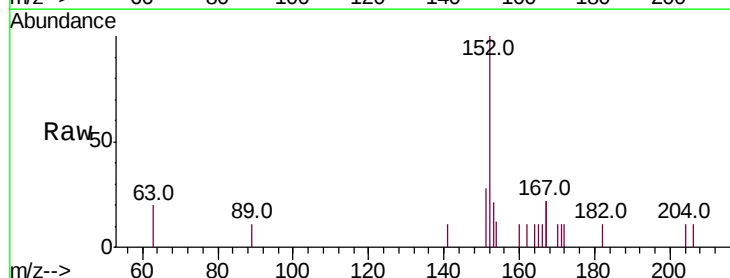
Instrument :
BNA_E
ClientSampleId :

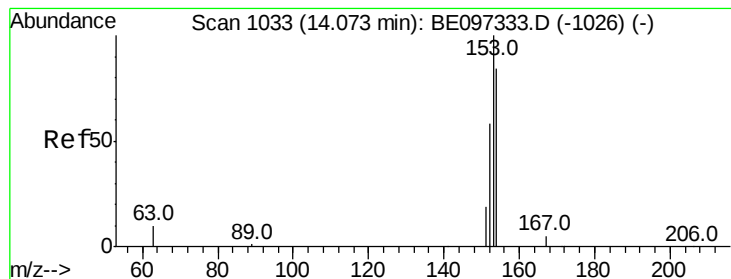
Tot Ion:172 Resp: 900
Ion Ratio Lower Upper
172 100
171 40.4 29.9 44.9
170 32.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.086 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:152 Resp: 729
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.109 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampled :

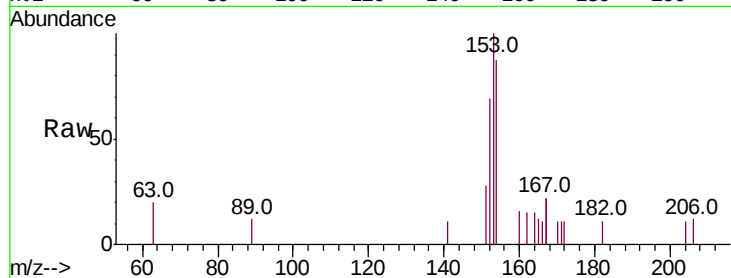
Tot Ion:154 Resp: 528

Ion Ratio Lower Upper

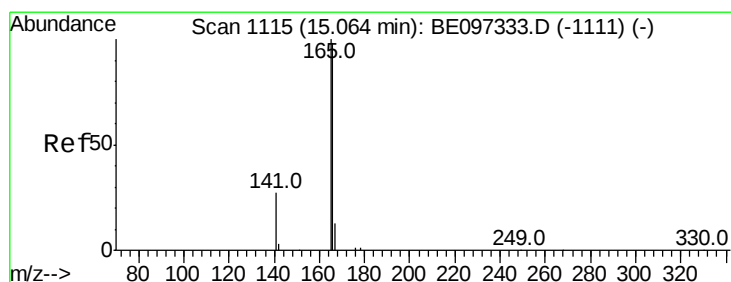
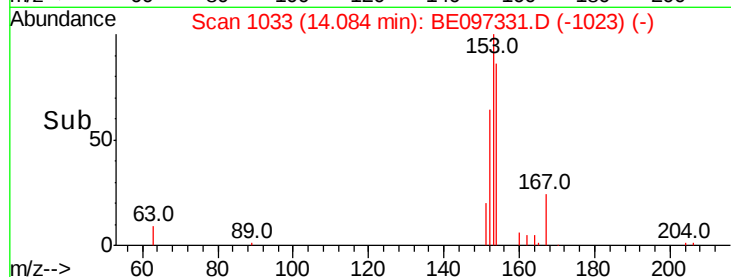
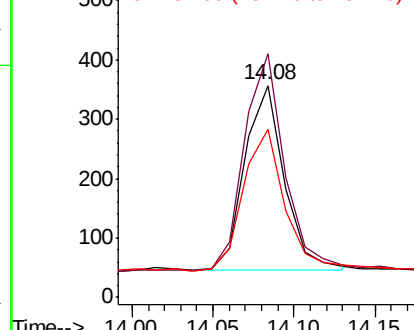
154 100

153 119.7 89.2 133.8

152 80.1 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: 0.106 ng

RT: 15.07 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

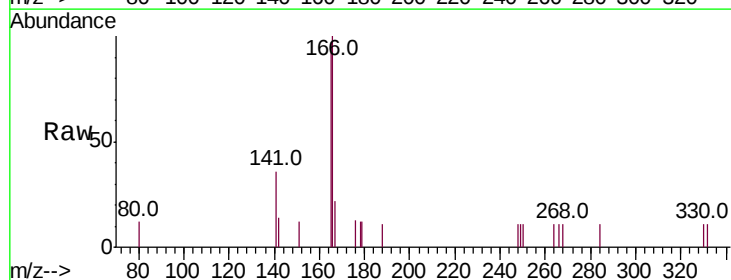
Tgt Ion:166 Resp: 638

Ion Ratio Lower Upper

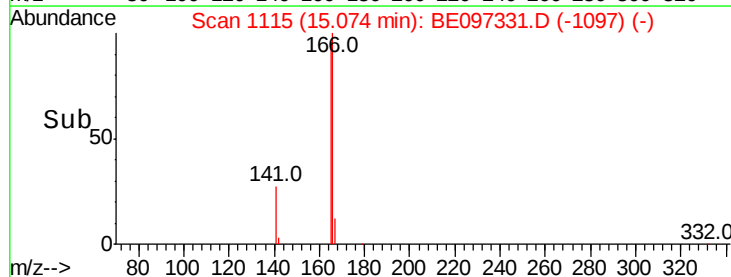
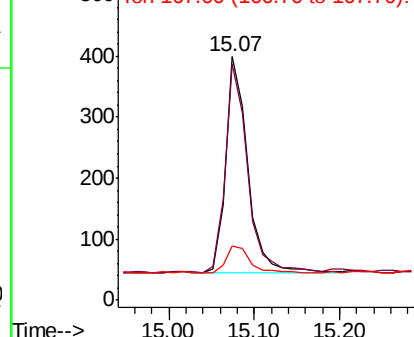
166 100

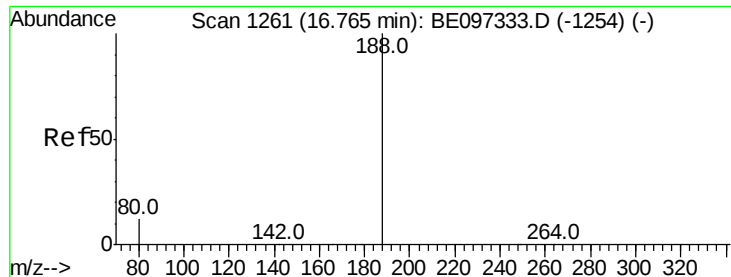
165 100.5 77.8 116.6

167 14.3 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

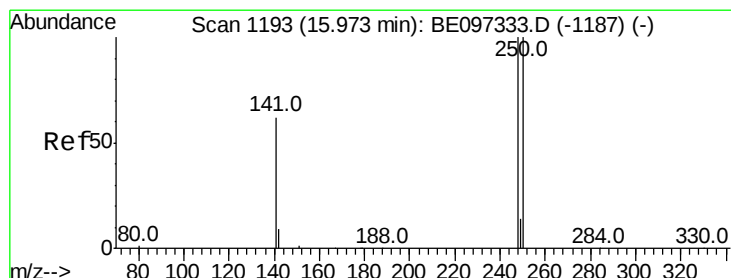
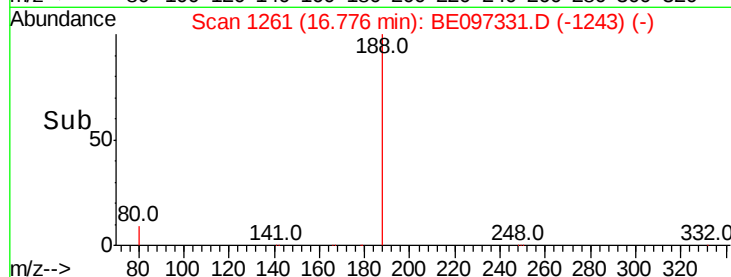
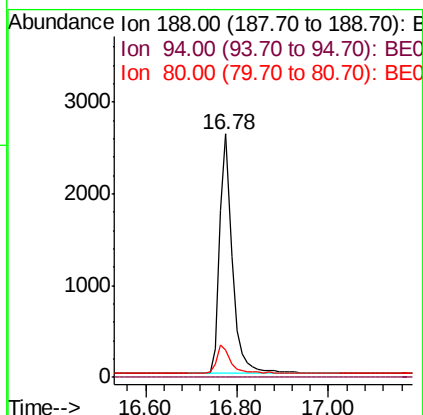
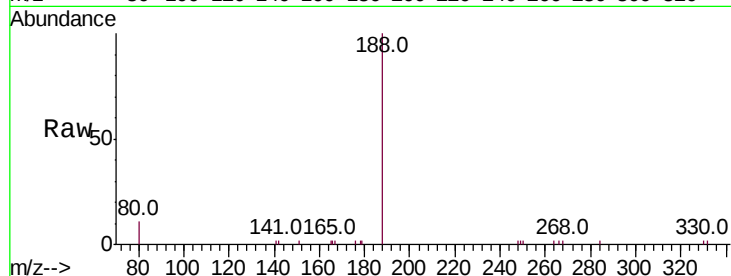




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

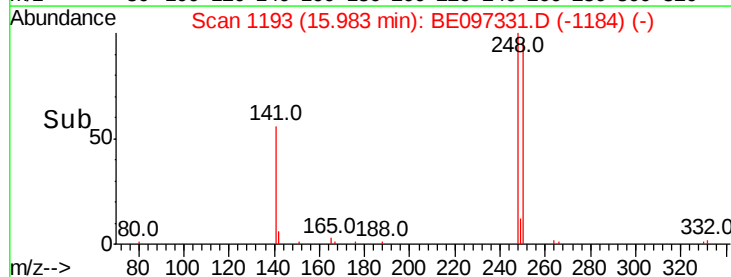
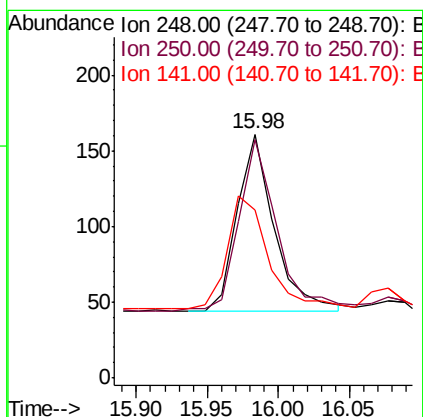
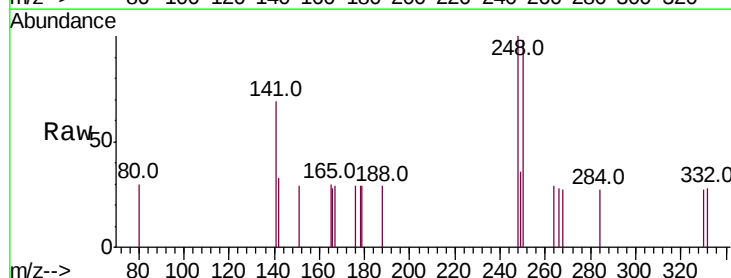
Instrument :
BNA_E
ClientSampleId :

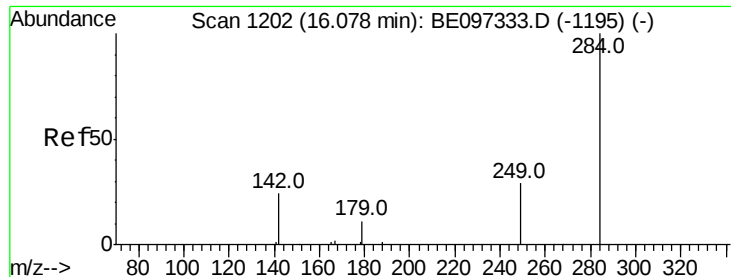
Tot Ion:188 Resp: 4936
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.0 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 15.98 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion:248 Resp: 211
Ion Ratio Lower Upper
248 100
250 97.5 62.7 94.1#
141 68.9 48.2 72.2

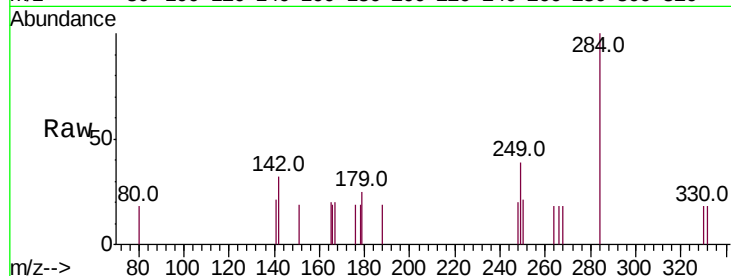




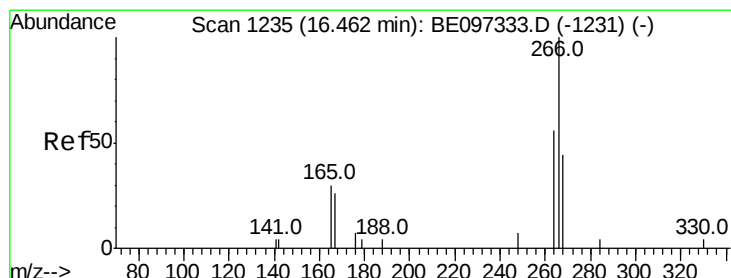
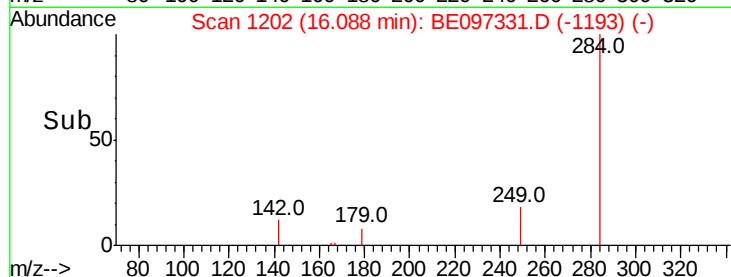
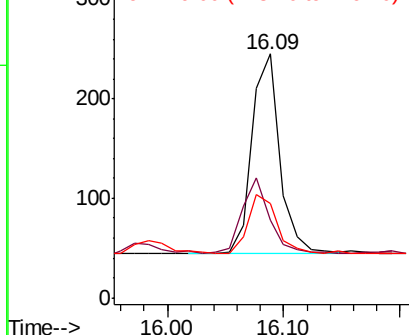
#21
Hexachlorobenzene
Concen: 0.116 ng
RT: 16.09 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.1	22.1	33.1#
249	29.9	34.8	52.2#

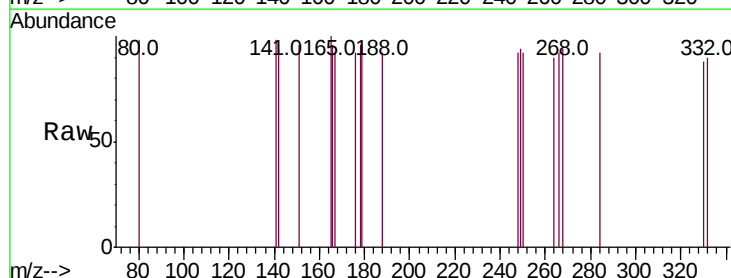


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

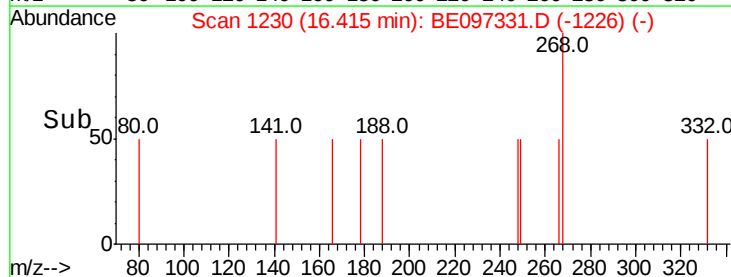
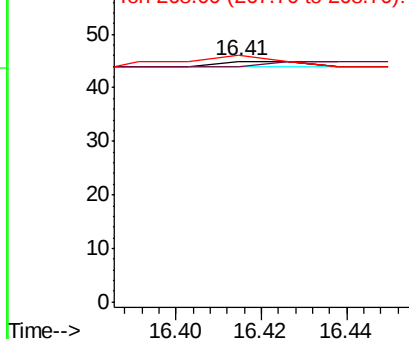


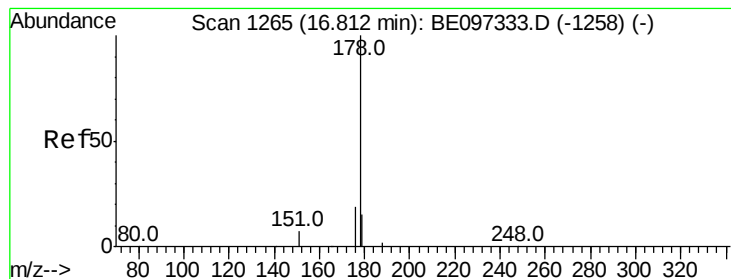
#22
Pentachlorophenol
Concen: 0.002 ng
RT: 16.41 min Scan# 1230
Delta R.T. -0.05 min
Lab File: BE097331.D
Acq: 20 Aug 2018 14:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	102.2	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: 0.108 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

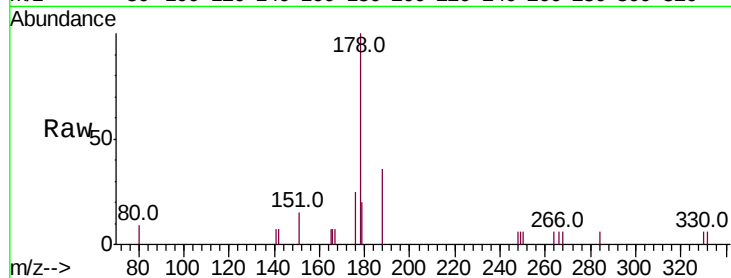
Tot Ion:178 Resp: 1285

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

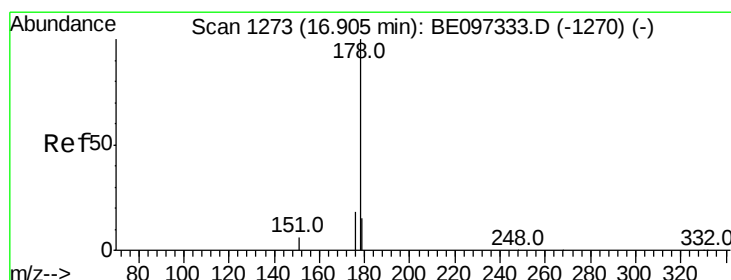
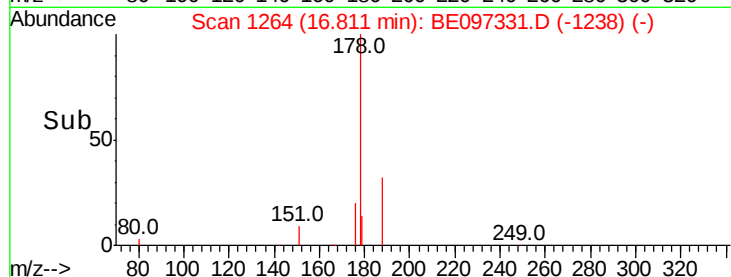
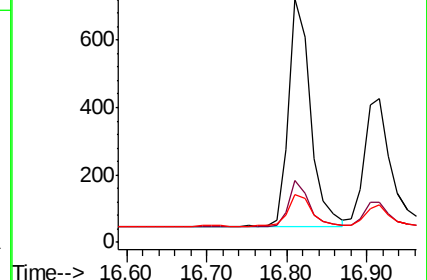
179 16.4 11.8 17.6



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: 0.080 ng

RT: 16.92 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

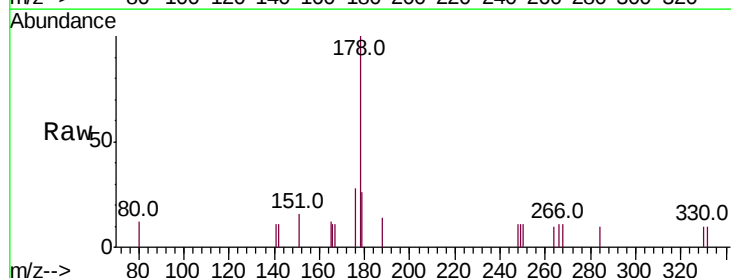
Tgt Ion:178 Resp: 851

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

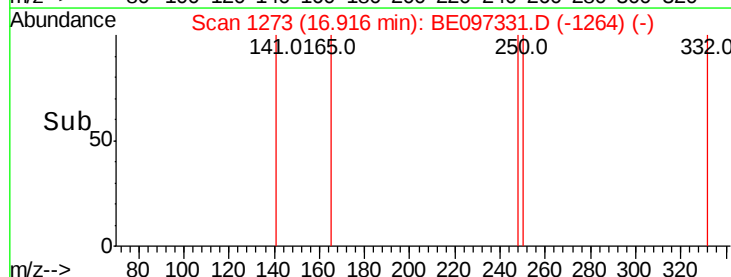
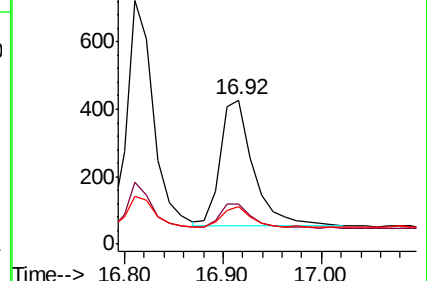
179 15.7 13.0 19.6

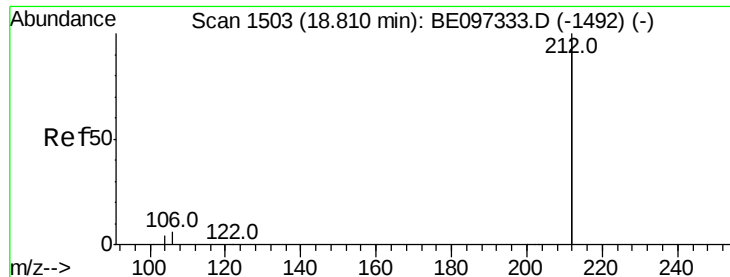


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.082 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097331.D

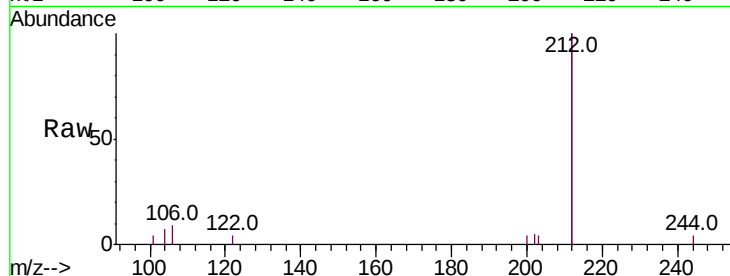
Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

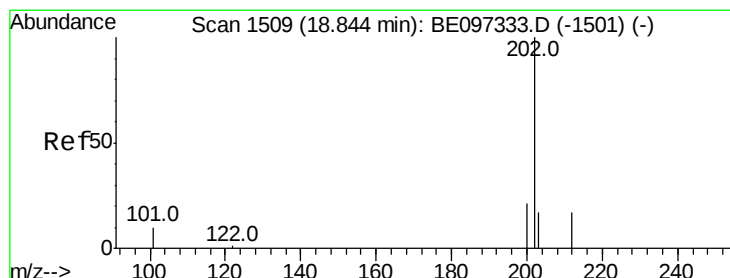
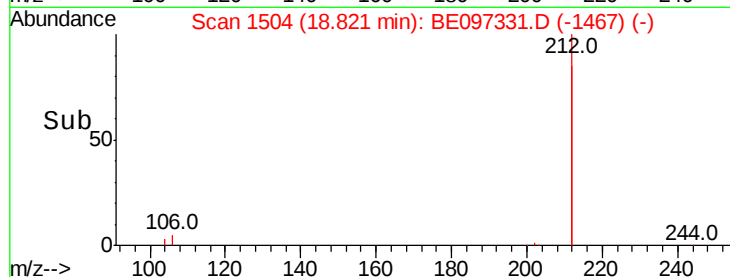
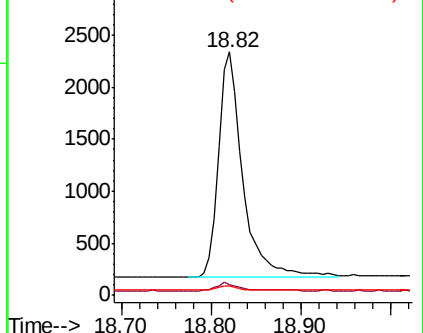
Tot Ion:212	Resp:	4035
Ion Ratio	Lower	Upper
212	100	
106	3.2	2.8 4.2
104	1.8	1.6 2.4



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: 0.081 ng

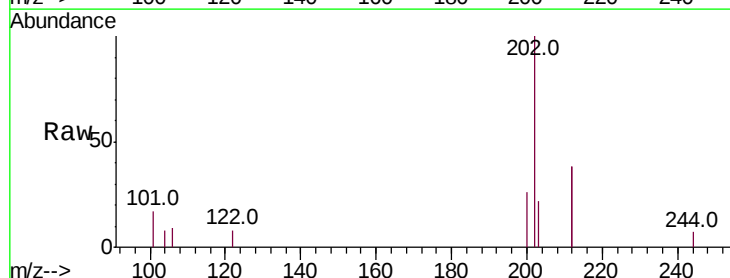
RT: 18.85 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

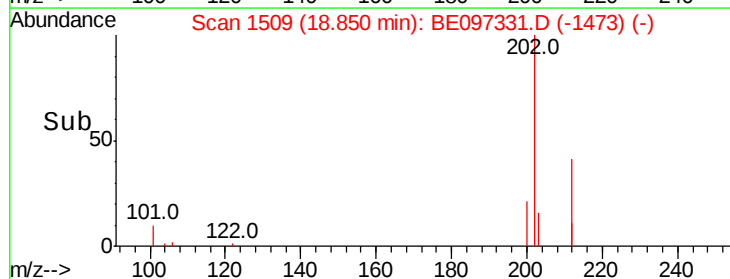
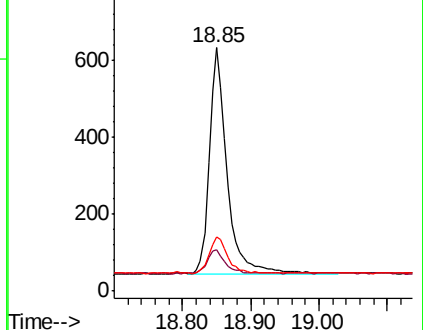
Tgt Ion:202	Resp:	1063
Ion Ratio	Lower	Upper
202	100	
101	11.0	9.8 14.8
203	17.8	13.7 20.5

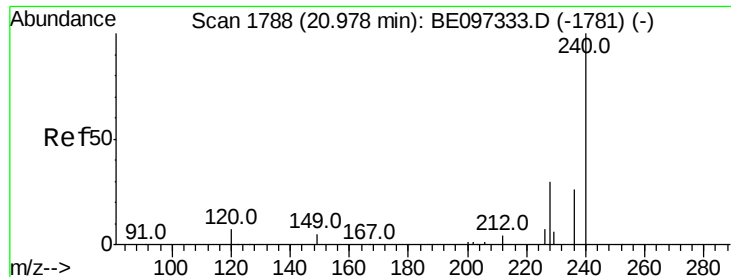


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

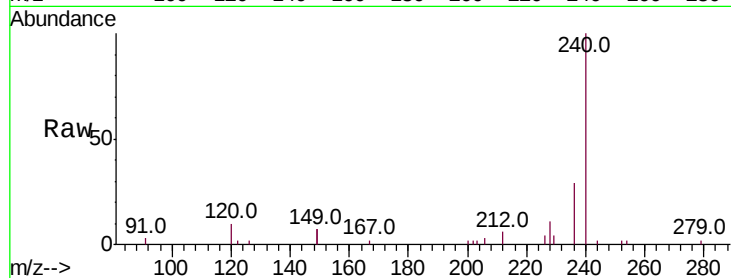
Tot Ion:240 Resp: 3440

Ion Ratio Lower Upper

240 100

120 9.8 5.5 8.3#

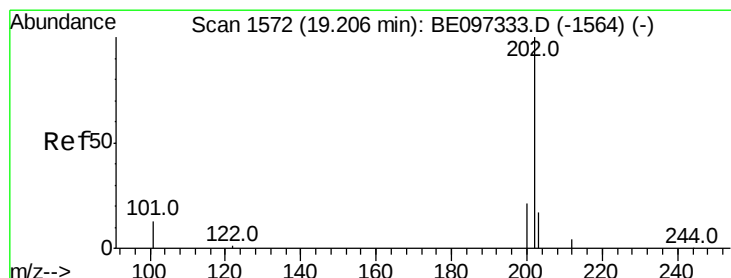
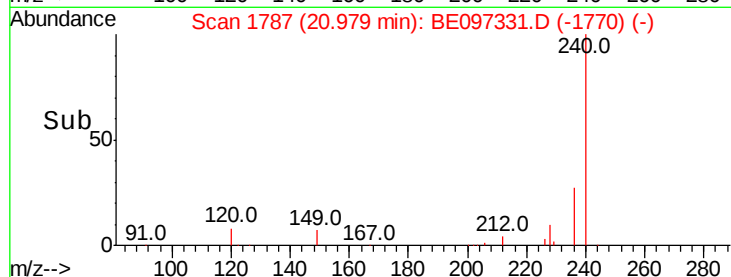
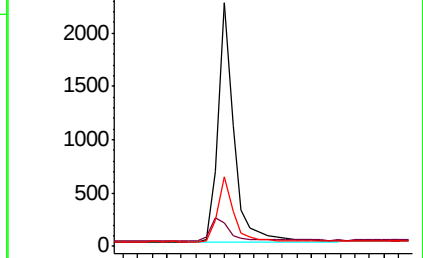
236 28.7 20.7 31.1



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: 0.108 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

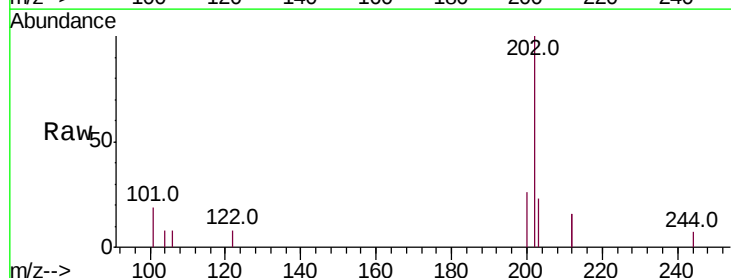
Tgt Ion:202 Resp: 1006

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

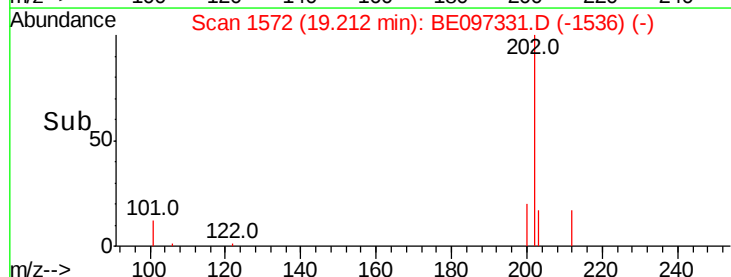
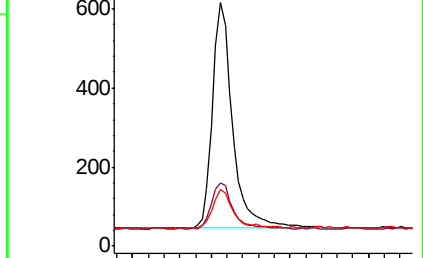
203 16.9 13.8 20.8

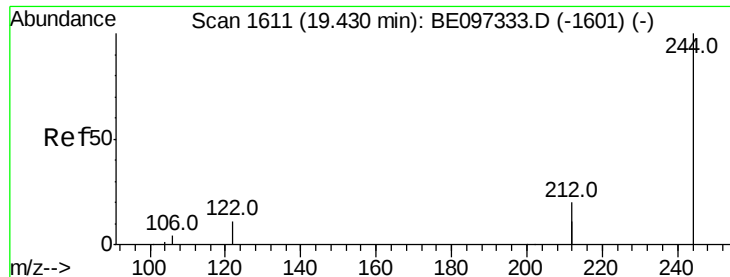


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.121 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

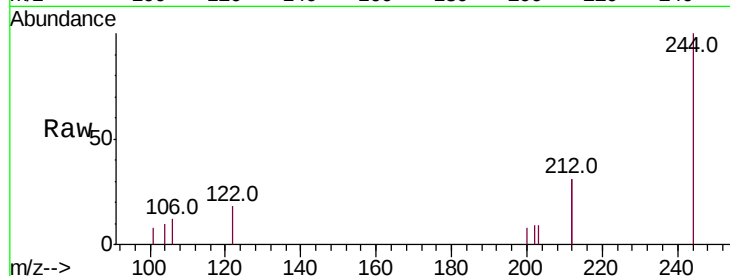
Tot Ion:244 Resp: 785

Ion Ratio Lower Upper

244 100

212 61.2 25.4 38.0#

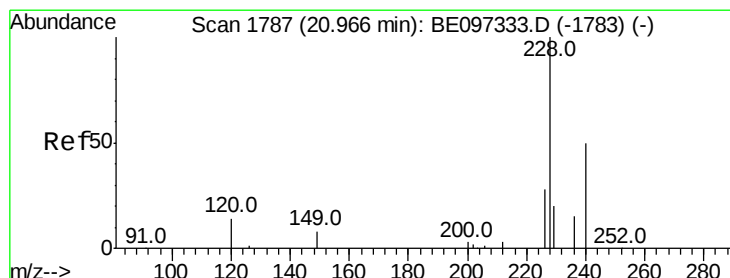
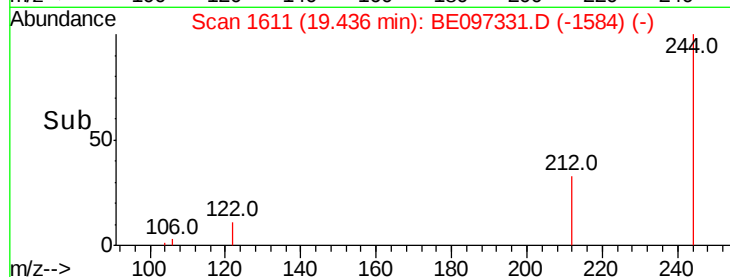
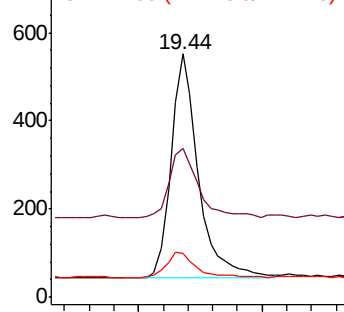
122 18.1 8.1 12.1#



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: 0.087 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

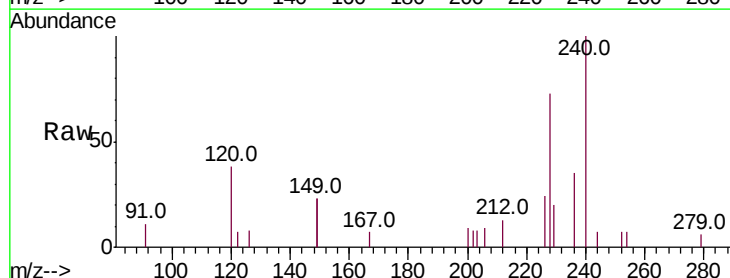
Tgt Ion:228 Resp: 756

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

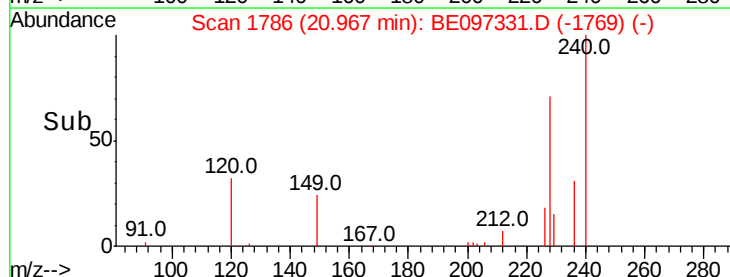
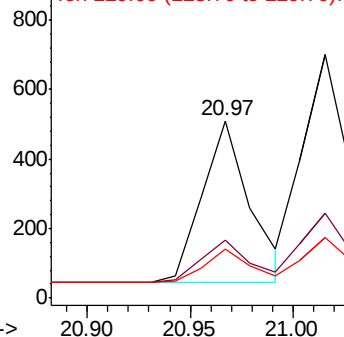
229 27.6 16.0 24.0#

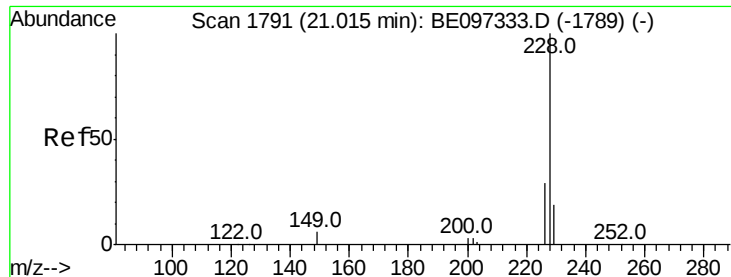


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.122 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

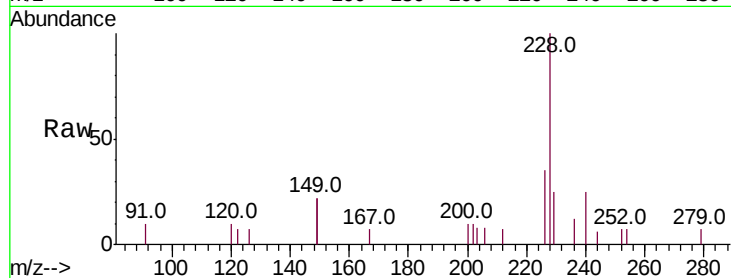
Tot Ion:228 Resp: 1083

Ion Ratio Lower Upper

228 100

226 34.9 24.0 36.0

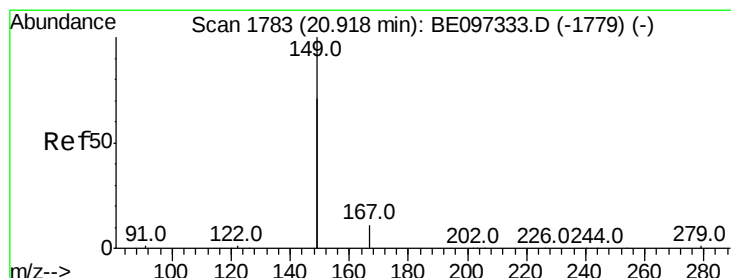
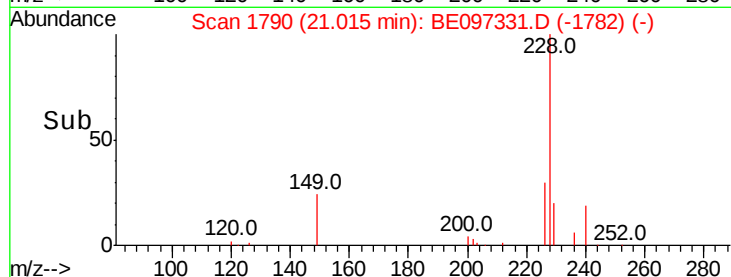
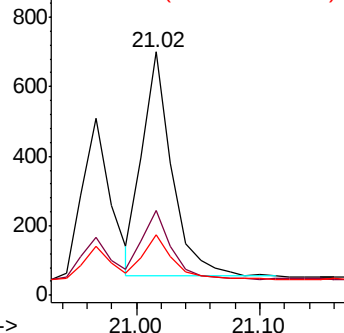
229 25.1 16.0 24.0#



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: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

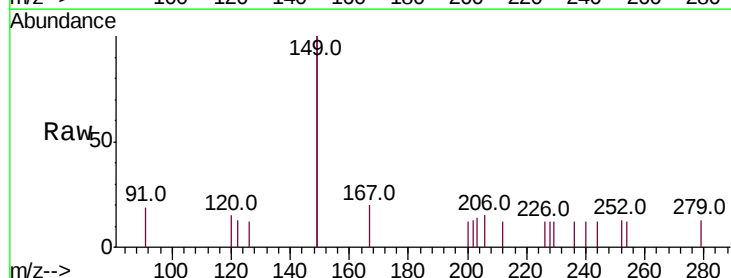
Tgt Ion:149 Resp: 578

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

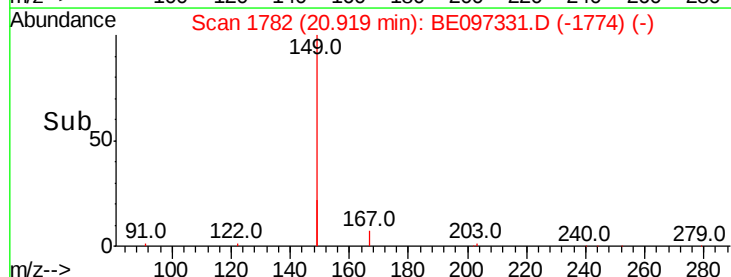
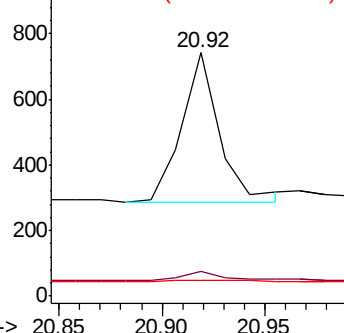
279 1.6 0.7 1.1#

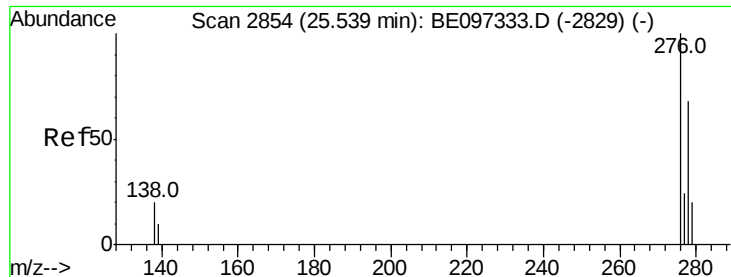


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.064 ng

RT: 25.55 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

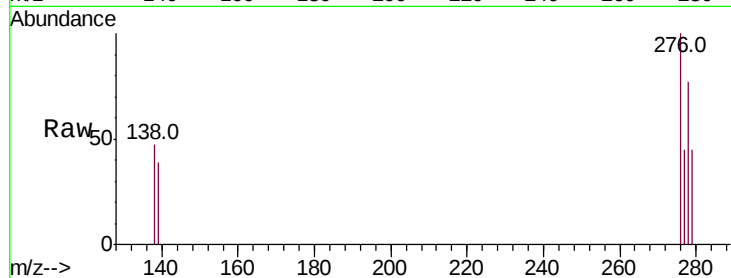
Tot Ion:276 Resp: 612

Ion Ratio Lower Upper

276 100

138 10.5 22.5 33.7#

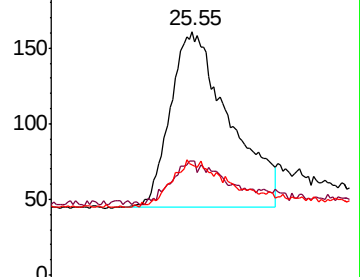
277 11.4 19.9 29.9#



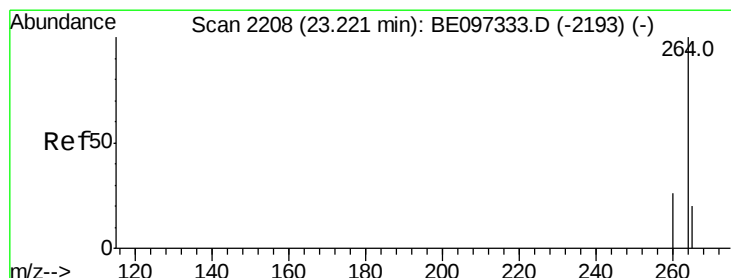
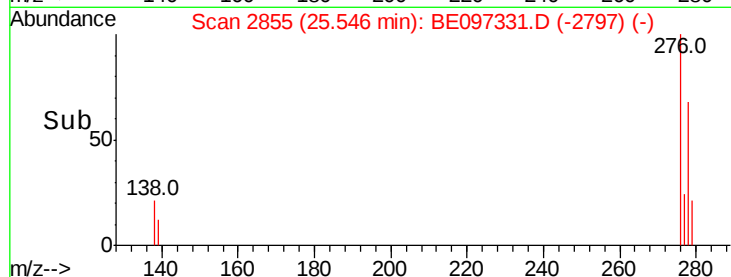
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

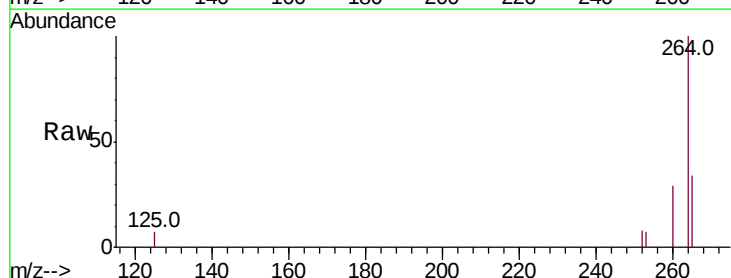
Tgt Ion:264 Resp: 2644

Ion Ratio Lower Upper

264 100

260 28.7 20.5 30.7

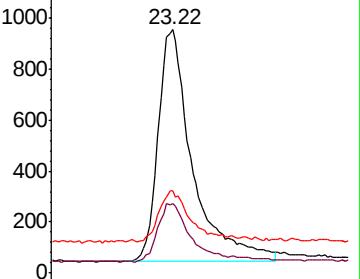
265 33.8 22.8 34.2



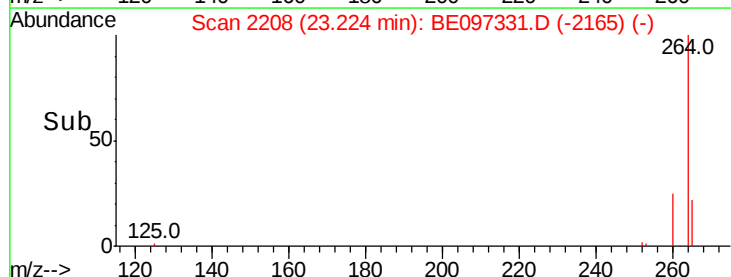
Abundance Ion 264.00 (263.70 to 264.70): E

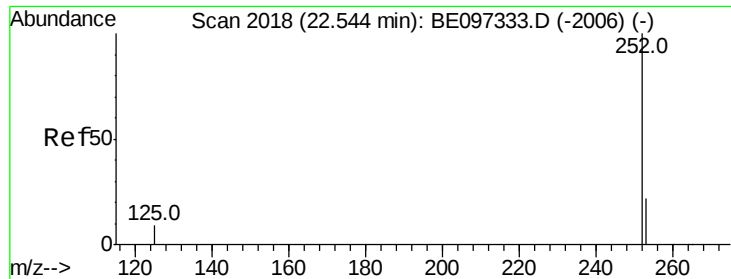
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#35

Benzo(b)fluoranthene

Concen: 0.105 ng

RT: 22.55 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

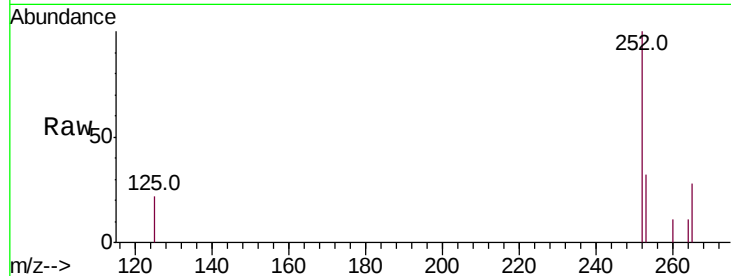
Tot Ion:252 Resp: 691

Ion Ratio Lower Upper

252 100

253 32.0 20.0 30.0#

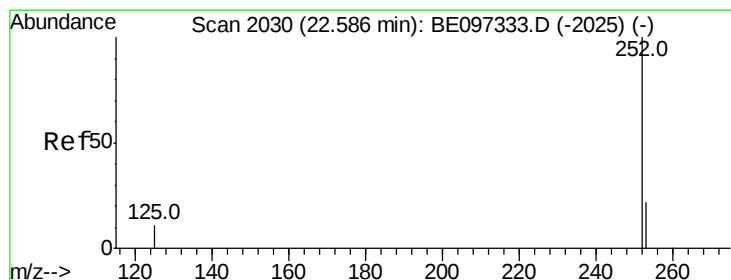
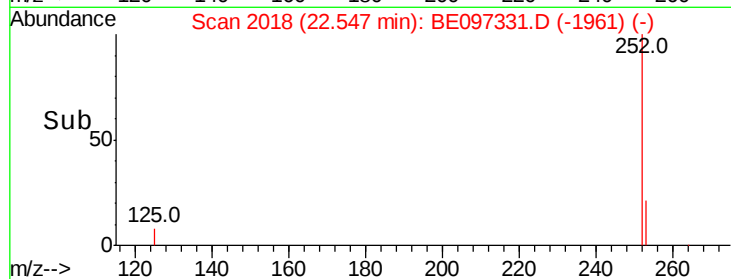
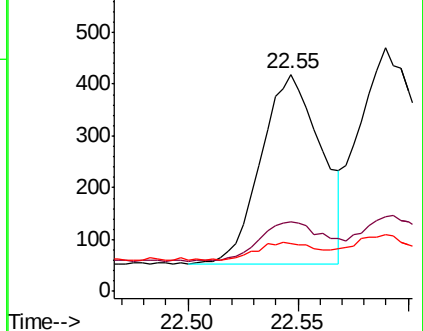
125 22.0 16.0 24.0



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



#36

Benzo(k)fluoranthene

Concen: 0.120 ng

RT: 22.59 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

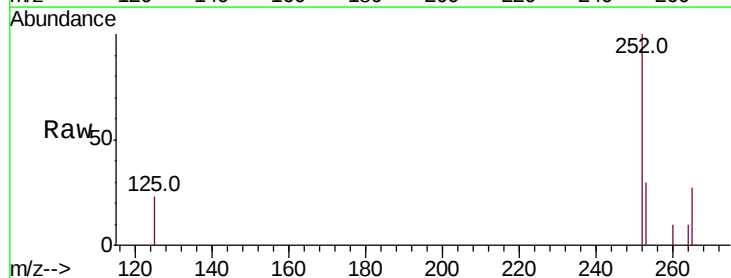
Tgt Ion:252 Resp: 962

Ion Ratio Lower Upper

252 100

253 30.4 16.0 24.0#

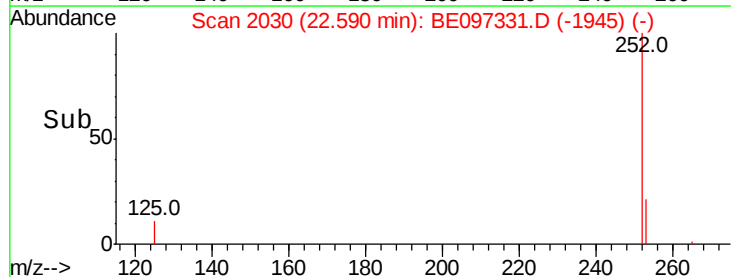
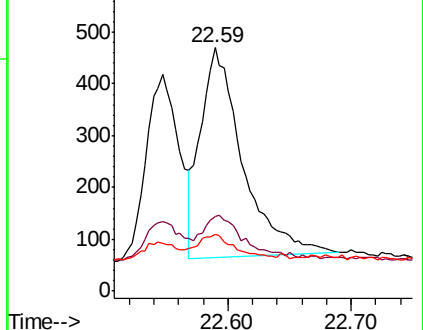
125 23.4 8.0 12.0#

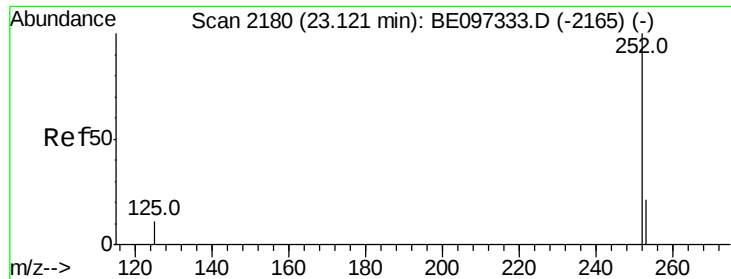


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.091 ng

RT: 23.12 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

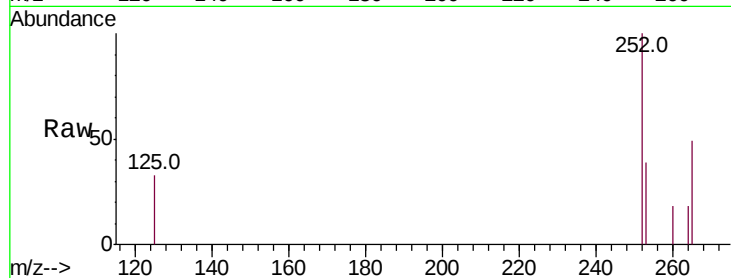
Tot Ion:252 Resp: 600

Ion Ratio Lower Upper

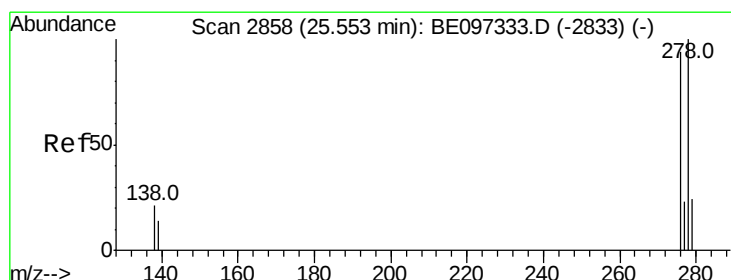
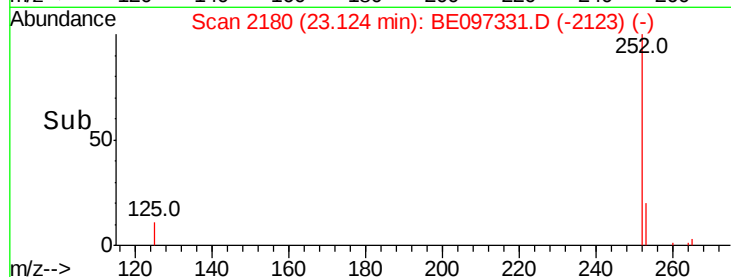
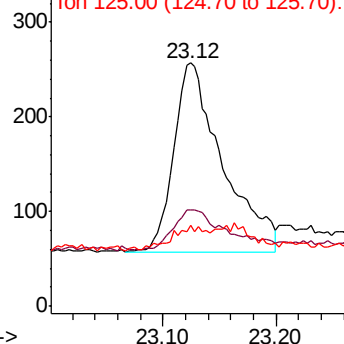
252 100

253 39.3 16.0 24.0#

125 33.1 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: 0.024 ng

RT: 25.56 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

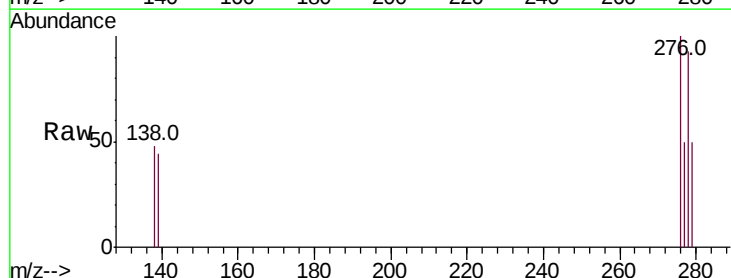
Tgt Ion:278 Resp: 157

Ion Ratio Lower Upper

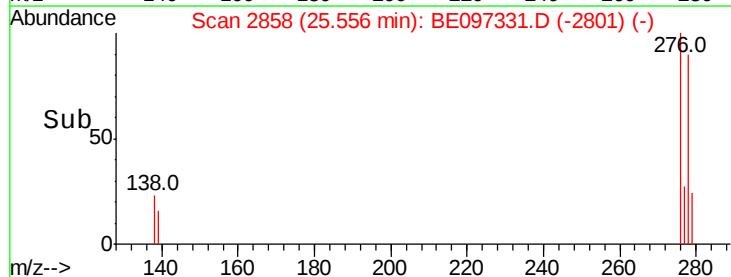
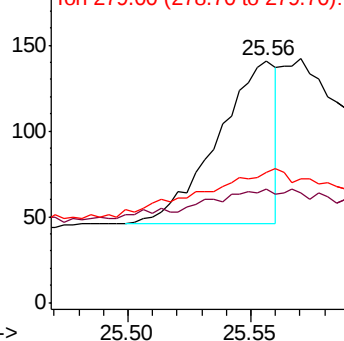
278 100

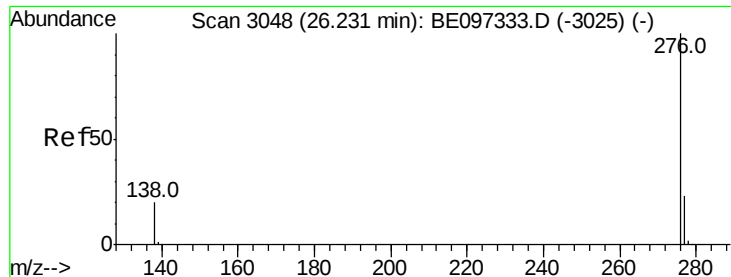
139 46.8 16.0 24.0#

279 53.9 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: 0.076 ng

RT: 26.24 min Scan# 3049

Delta R.T. 0.01 min

Lab File: BE097331.D

Acq: 20 Aug 2018 14:12

Instrument :

BNA_E

ClientSampleId :

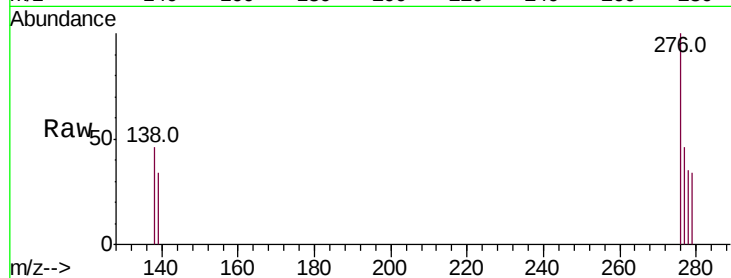
Tot Ion: 276 Resp: 503

Ion Ratio Lower Upper

276 100

277 45.5 16.0 24.0#

138 45.5 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

