

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081018\
 Data File : BE097263.D
 Acq On : 10 Aug 2018 15:20
 Operator : SJ/JU
 Sample : J4379-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-107S

Quant Time: Aug 10 16:47:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1001	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5382	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3134	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	7783	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8122	0.40	ng	0.00
34) Perylene-d12	23.21	264	8266	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	616	0.22	ng	0.01
5) Phenol-d6	6.61	99	515	0.12	ng	0.01
8) Nitrobenzene-d5	8.53	82	2172	0.46	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3228	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	554	0.54	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5828	0.54	ng	0.00
25) Fluoranthene-d10	18.82	212	37150	0.48	ng	0.01
29) Terphenyl-d14	19.43	244	6959	0.45	ng	0.00

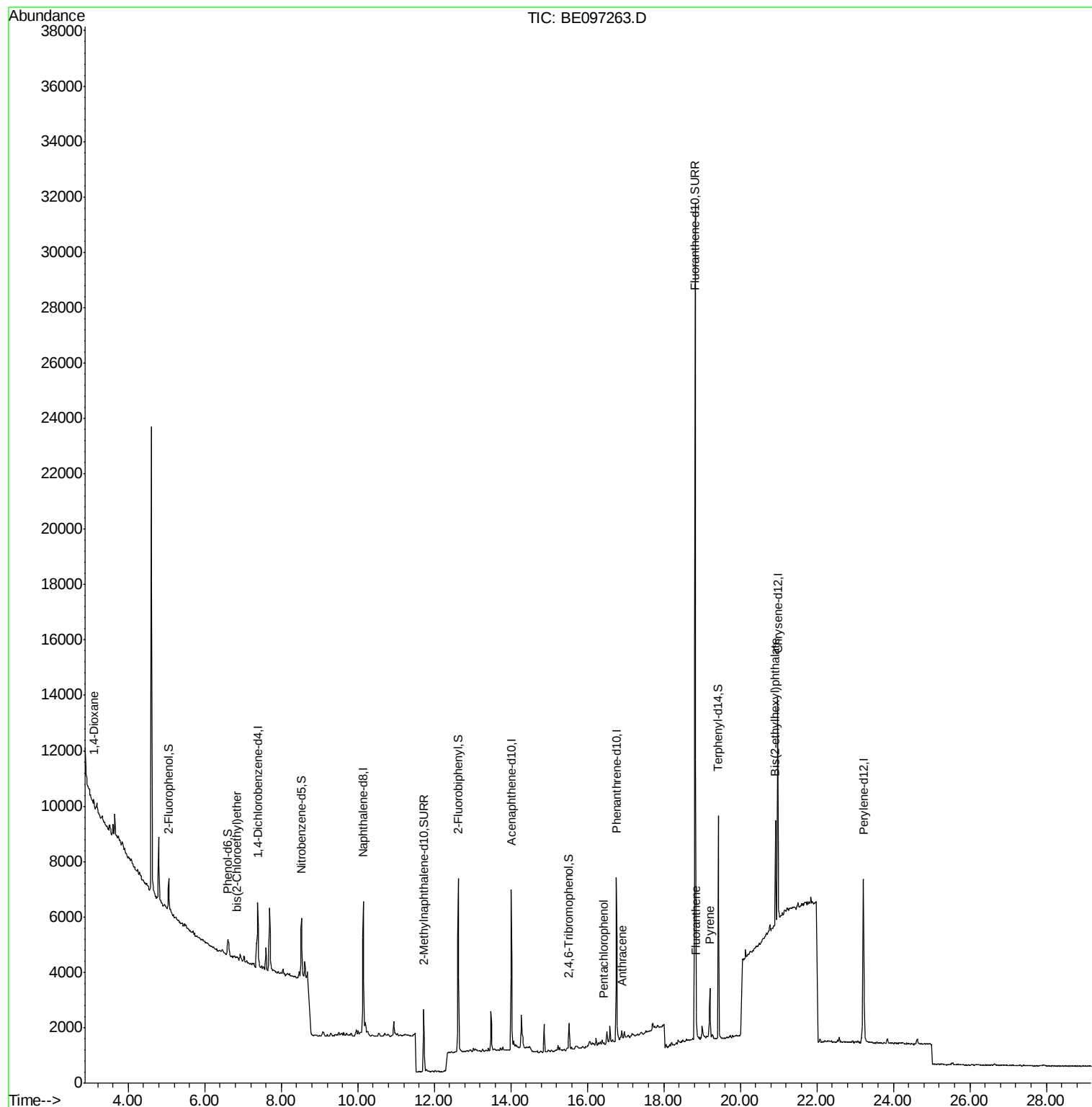
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	66	0.041	ng	# 30
6) bis(2-Chloroethyl)ether	6.84	93	141	0.037	ng	# 1
22) Pentachlorophenol	16.44	266	10	0.045	ng	92
24) Anthracene	16.90	178	418	0.025	ng	# 76
26) Fluoranthene	18.85	202	678	0.033	ng	96
28) Pyrene	19.21	202	1730	0.078	ng	# 94
32) Bis(2-ethylhexyl)phthalate	20.92	149	4436	0.209	ng	# 99

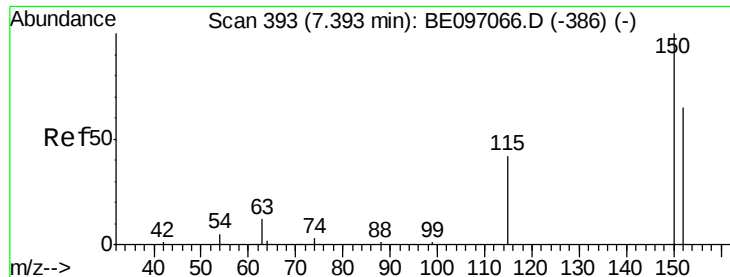
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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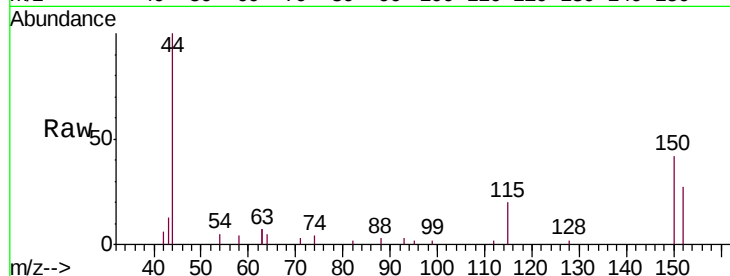


#1

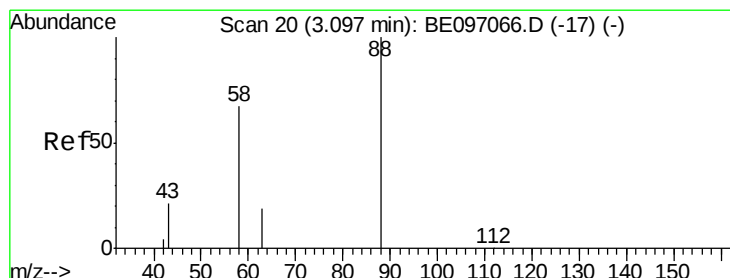
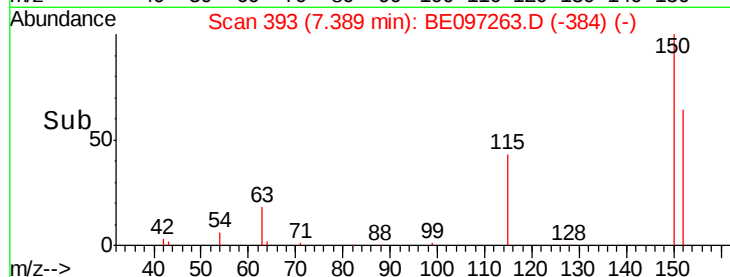
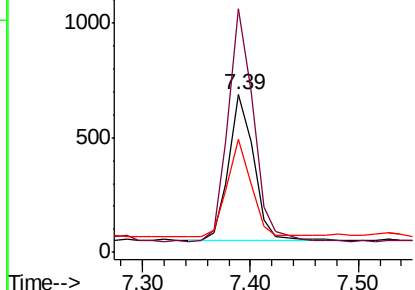
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097263.D
Acq: 10 Aug 2018 15:20

Instrument :
BNA_E
ClientSampled :
MW-107S

Tgt Ion: 152 Resp: 1001
Ion Ratio Lower Upper
152 100
150 154.4 117.2 175.8
115 71.9 57.0 85.6



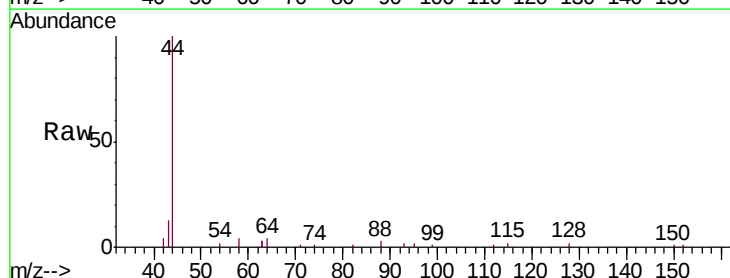
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



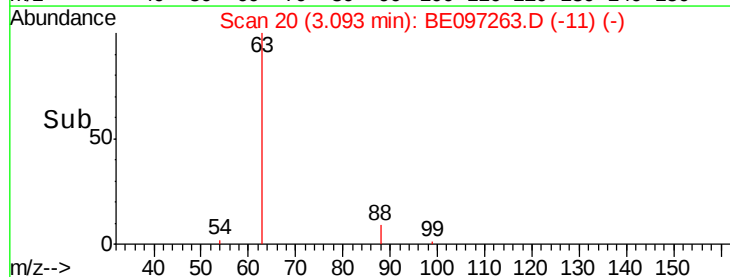
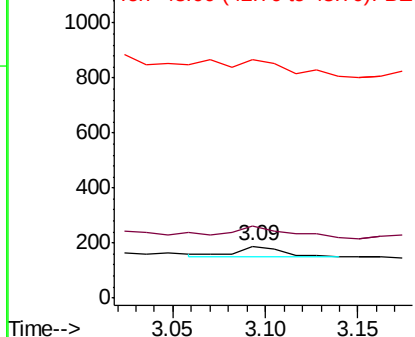
#2

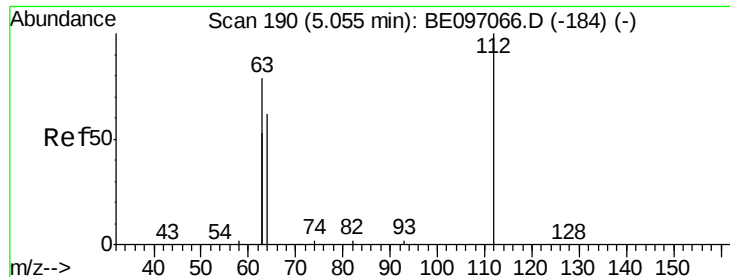
1,4-Dioxane
Concen: 0.041 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097263.D
Acq: 10 Aug 2018 15:20

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
58 137.9 63.2 94.8#
43 0.0 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





#4

2-Fluorophenol

Concen: 0.219 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

Instrument :

BNA_E

ClientSampleId :

MW-107S

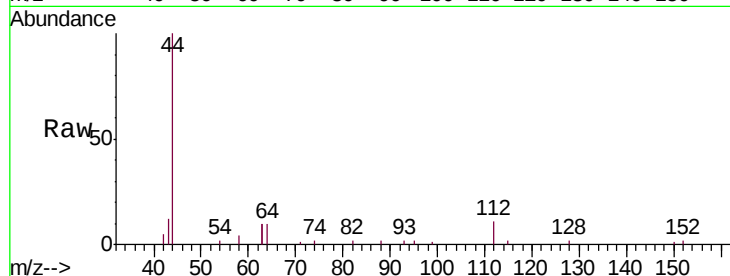
Tgt Ion: 112 Resp: 616

Ion Ratio Lower Upper

112 100

64 87.7 60.1 90.1

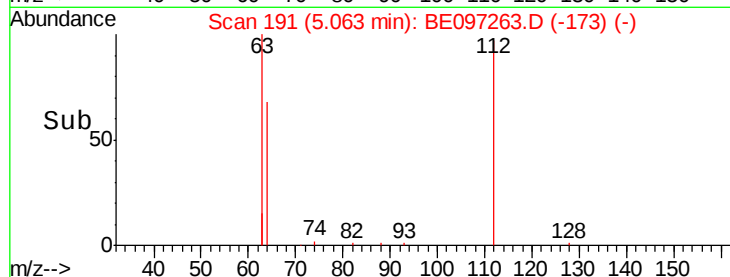
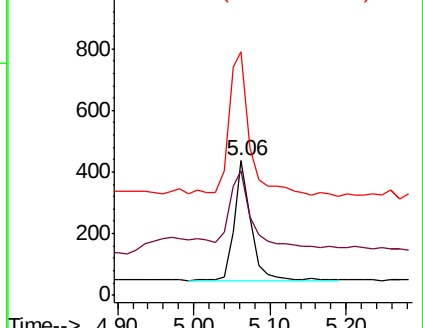
63 149.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.125 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

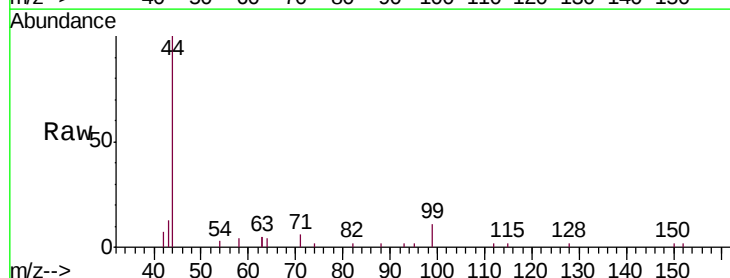
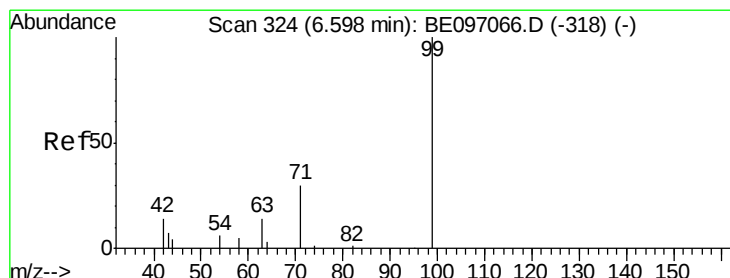
Tgt Ion: 99 Resp: 515

Ion Ratio Lower Upper

99 100

42 26.8 20.2 30.2

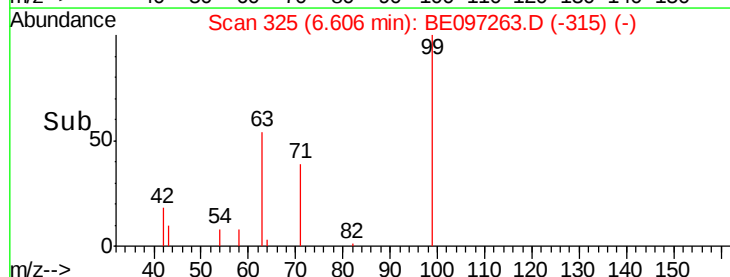
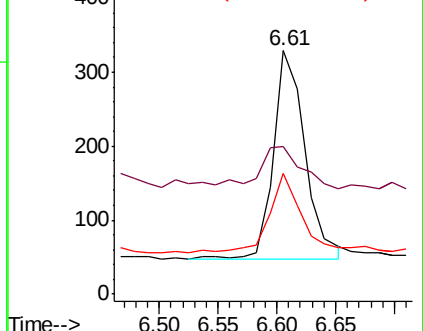
71 38.8 28.4 42.6

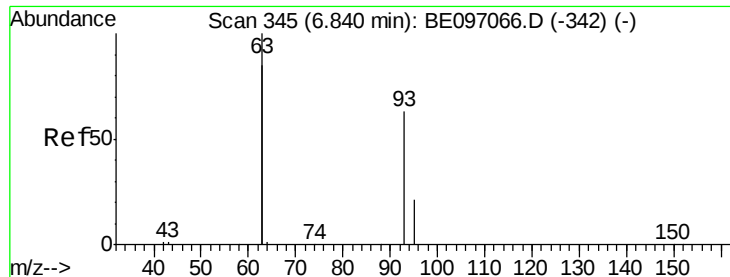


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.037 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

Instrument :

BNA_E

ClientSampleId :

MW-107S

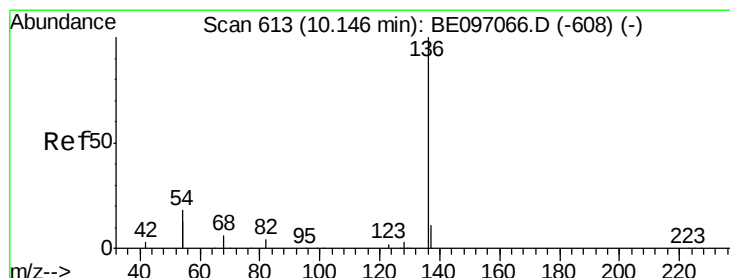
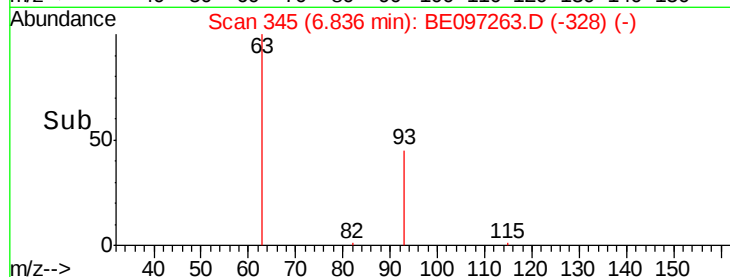
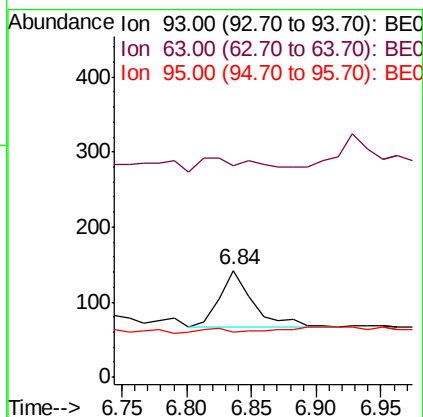
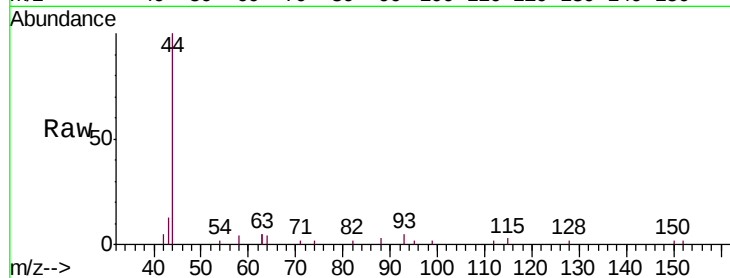
Tgt Ion: 93 Resp: 141

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

95 8.5 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

Tgt Ion: 136 Resp: 5382

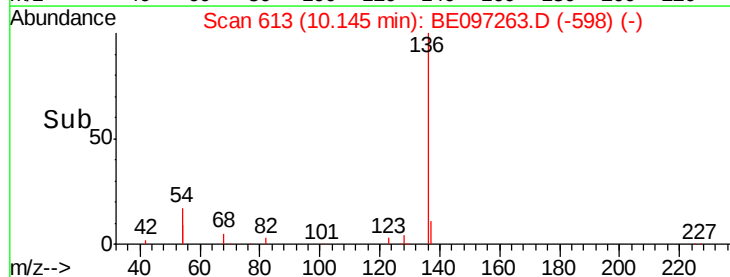
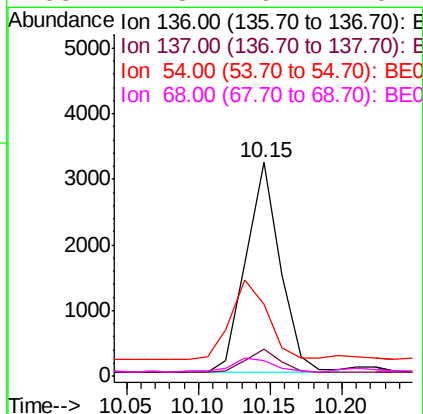
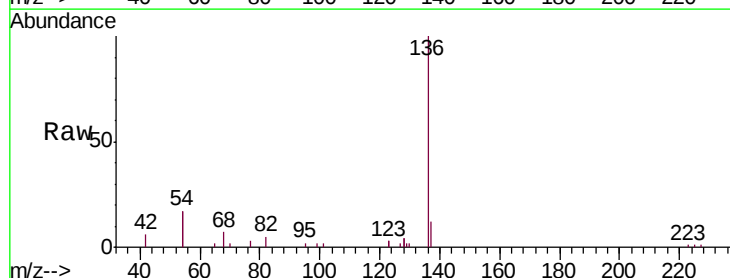
Ion Ratio Lower Upper

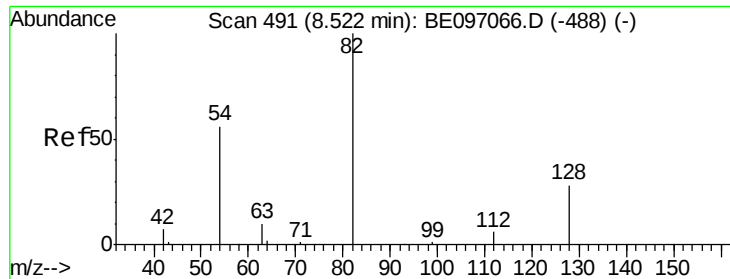
136 100

137 12.5 9.5 14.3

54 33.6 29.1 43.7

68 7.3 6.2 9.2

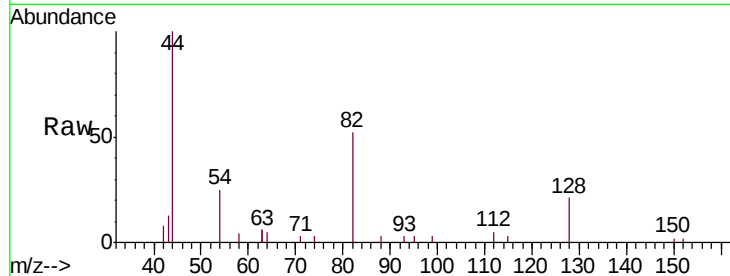




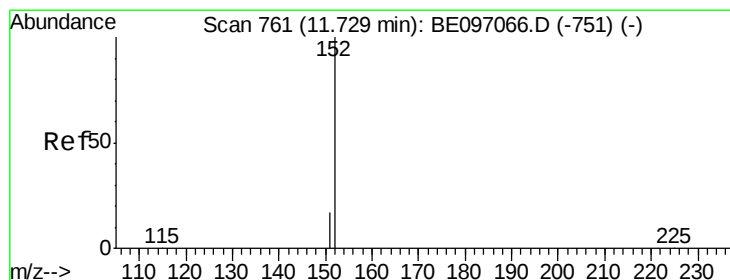
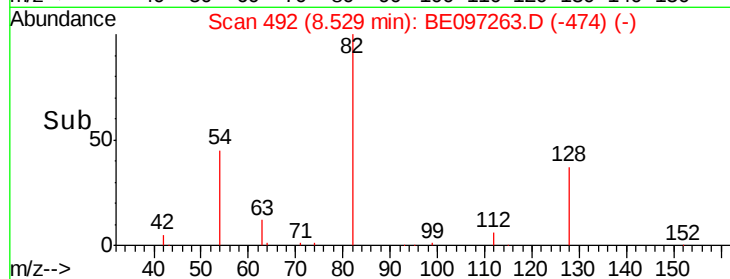
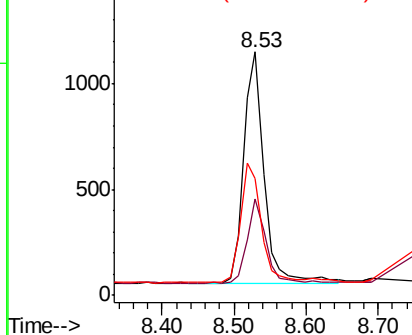
#8
 Nitrobenzene-d5
 Concen: 0.465 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097263.D
 Acq: 10 Aug 2018 15:20

Instrument :
 BNA_E
 ClientSampleId :
 MW-107S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	24.0	36.0
54	48.0	40.0	60.0

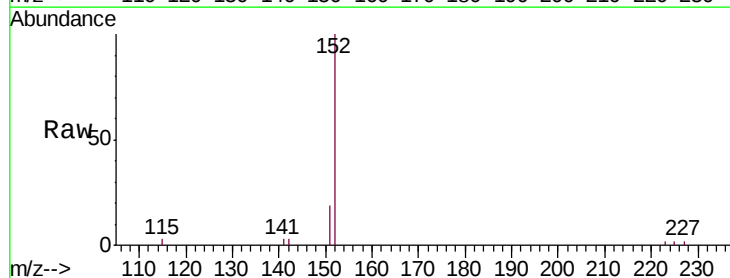


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

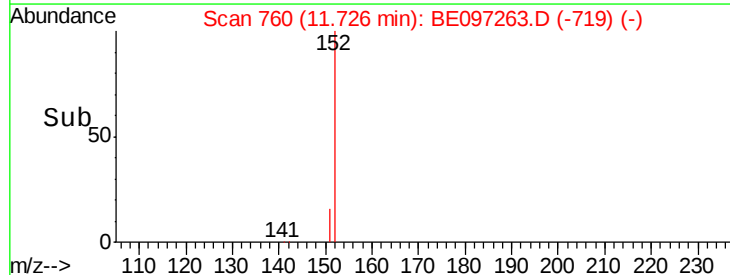
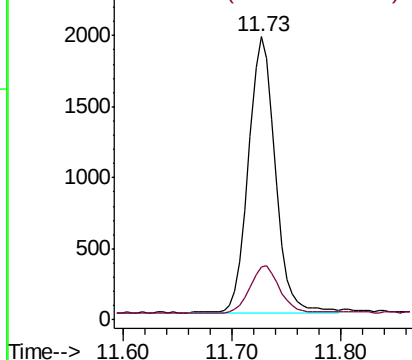


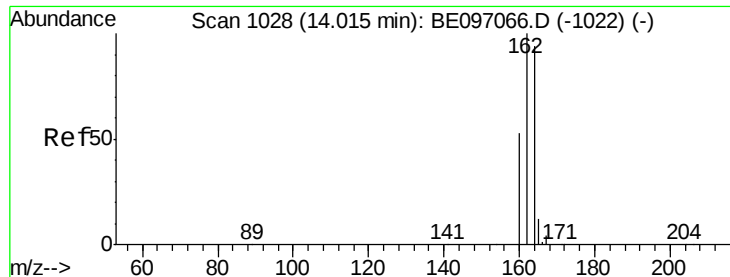
#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 11.73 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BE097263.D
 Acq: 10 Aug 2018 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

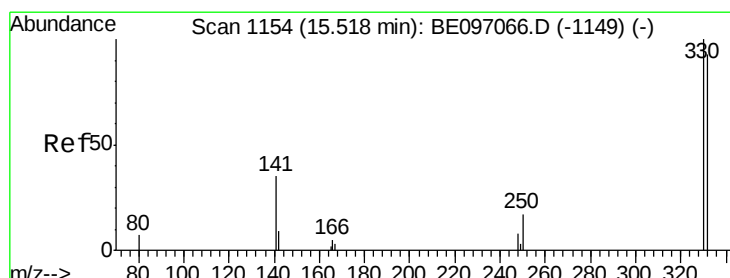
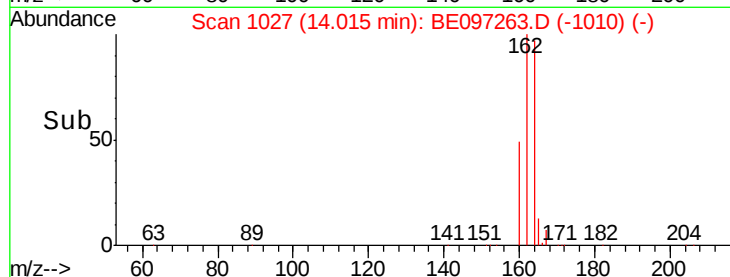
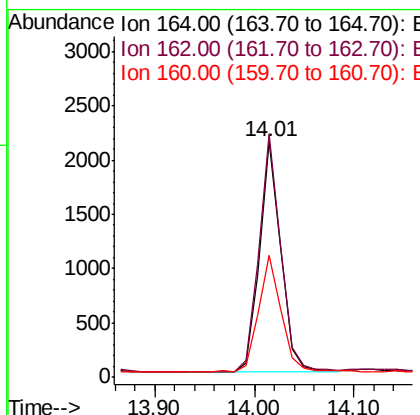
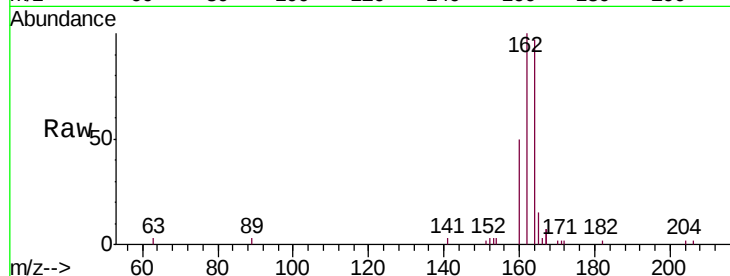




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097263.D
 Acq: 10 Aug 2018 15:20

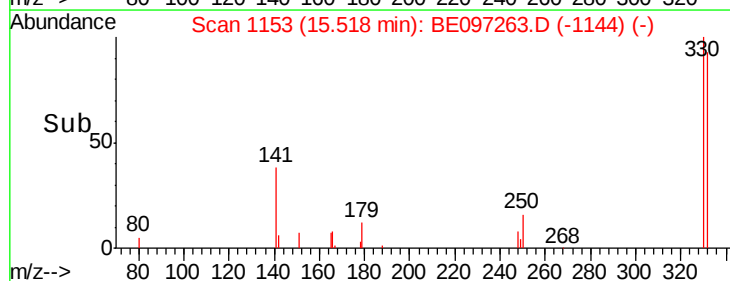
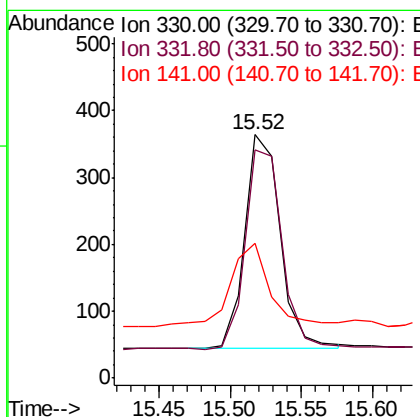
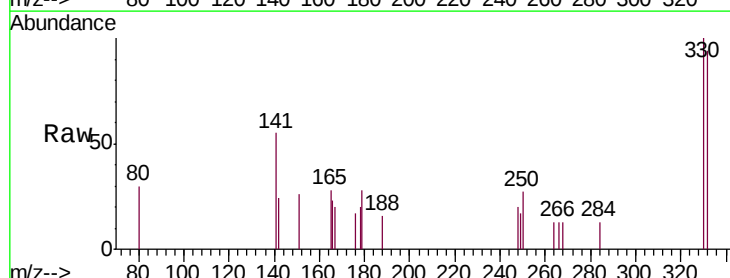
Instrument :
 BNA_E
 ClientSampleId :
 MW-107S

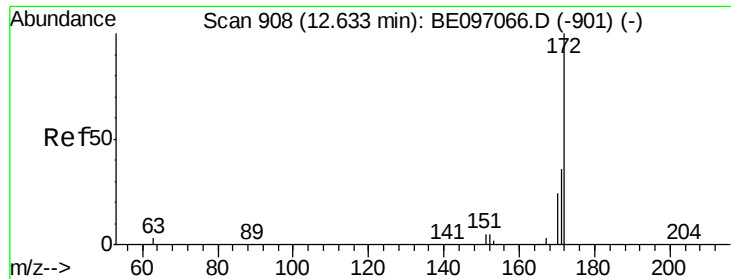
Tgt Ion:164 Resp: 3134
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.1 124.7
 160 51.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.537 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097263.D
 Acq: 10 Aug 2018 15:20

Tgt Ion:330 Resp: 554
 Ion Ratio Lower Upper
 330 100
 332 96.0 152.7 229.1#
 141 42.2 33.7 50.5

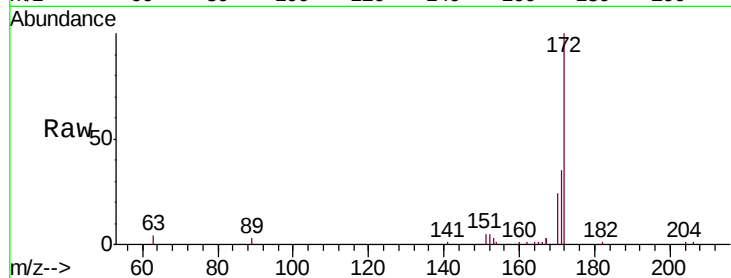




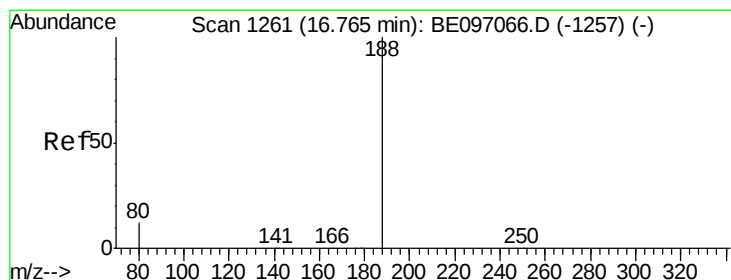
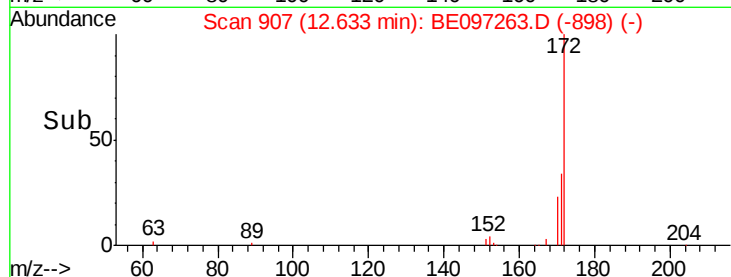
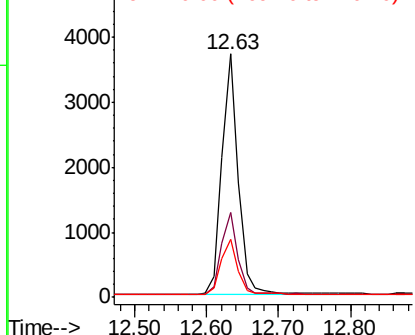
#15
 2-Fluorobiphenyl
 Concen: 0.538 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097263.D
 Acq: 10 Aug 2018 15:20

Instrument :
 BNA_E
 ClientSampleId :
 MW-107S

Tgt Ion:172 Resp: 5828
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.9 44.9
 170 23.9 21.8 32.8

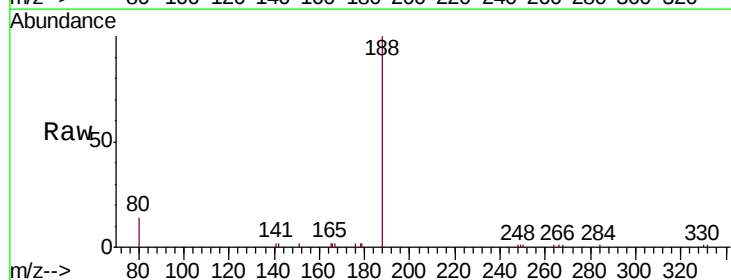


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

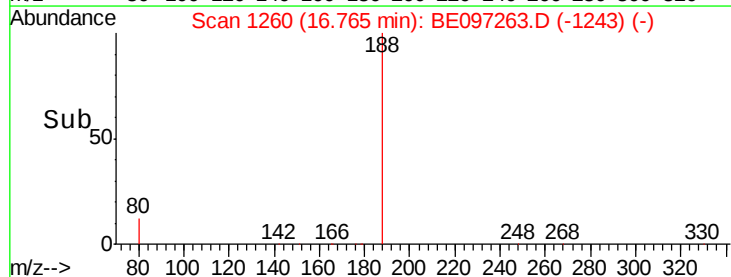
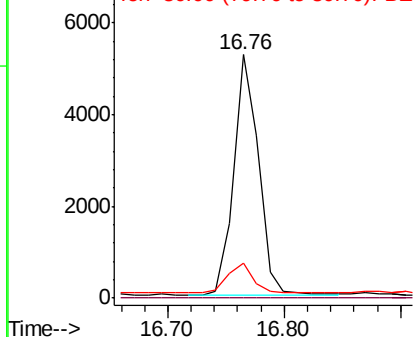


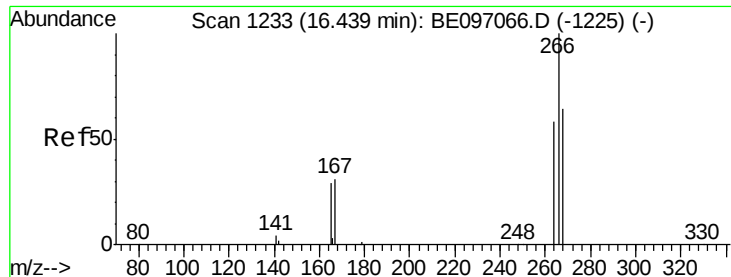
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.76 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BE097263.D
 Acq: 10 Aug 2018 15:20

Tgt Ion:188 Resp: 7783
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 14.3 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





#22

Pentachlorophenol

Concen: 0.045 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

Instrument :

BNA_E

ClientSampleId :

MW-107S

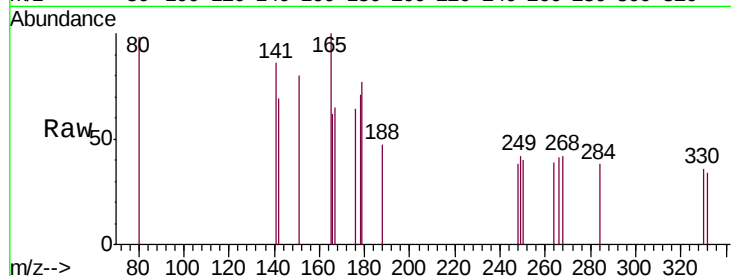
Tgt Ion: 266 Resp: 10

Ion Ratio Lower Upper

266 100

264 96.1 72.5 108.7

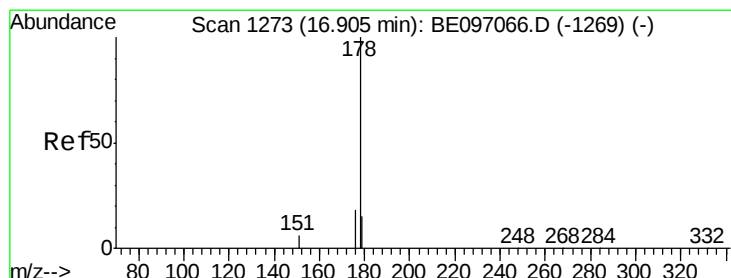
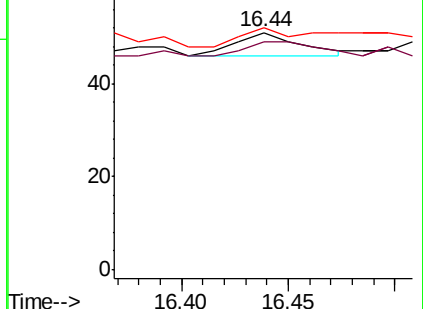
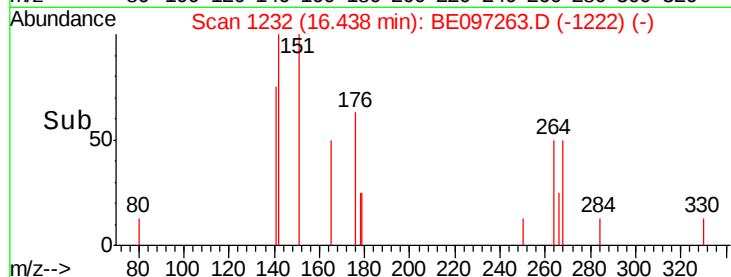
268 102.0 73.8 110.6



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



#24

Anthracene

Concen: 0.025 ng

RT: 16.90 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

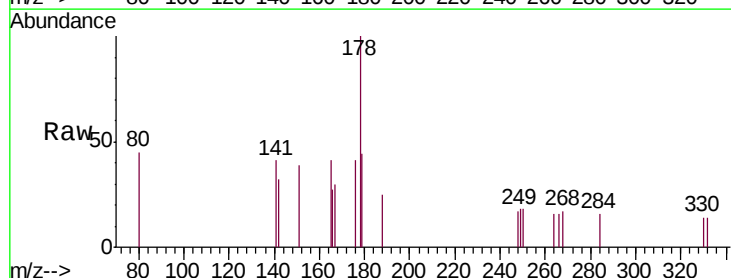
Tgt Ion: 178 Resp: 418

Ion Ratio Lower Upper

178 100

176 19.9 12.8 19.2#

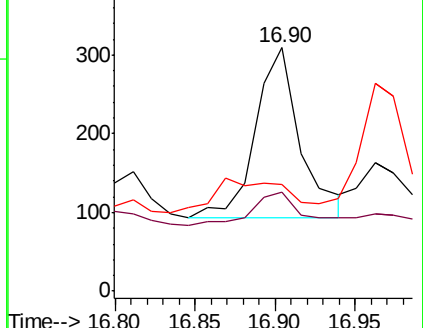
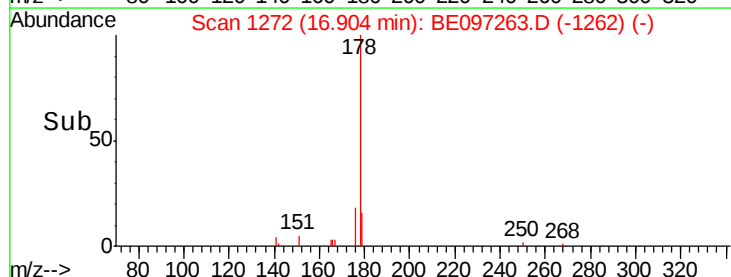
179 0.0 13.0 19.6#

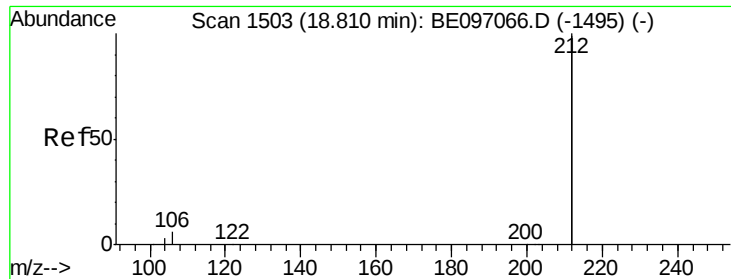


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.477 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

Instrument :

BNA_E

ClientSampleId :

MW-107S

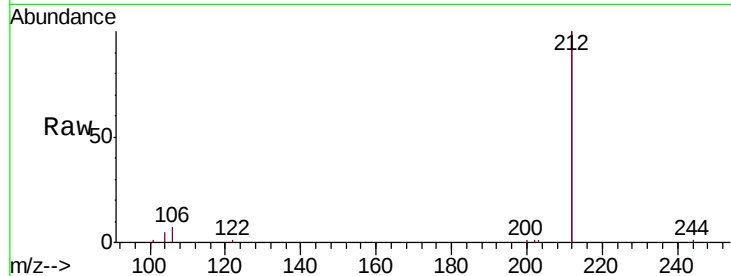
Tgt Ion:212 Resp: 37150

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

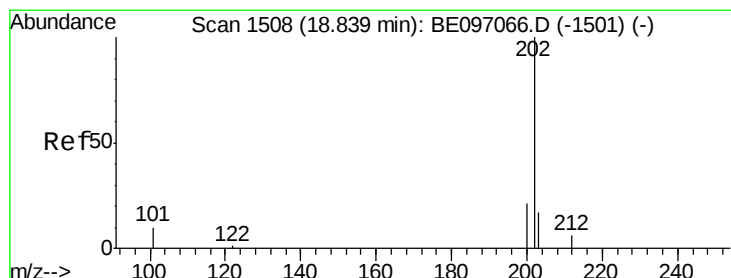
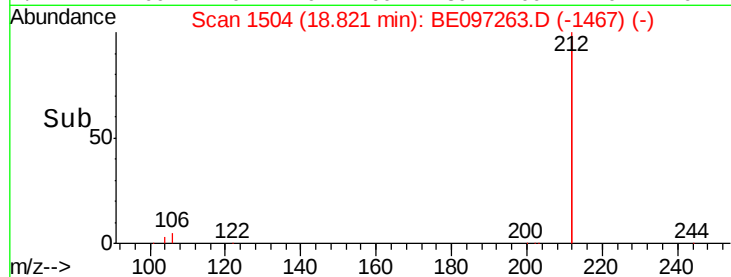
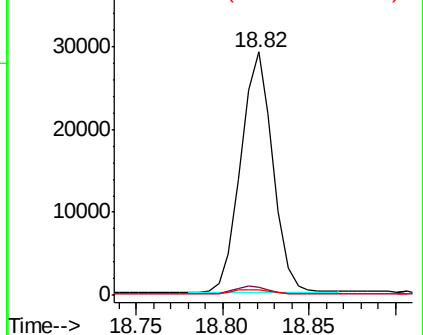
104 1.9 1.6 2.4



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: 0.033 ng

RT: 18.85 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

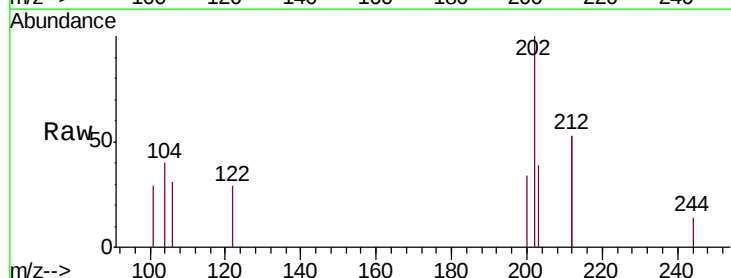
Tgt Ion:202 Resp: 678

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

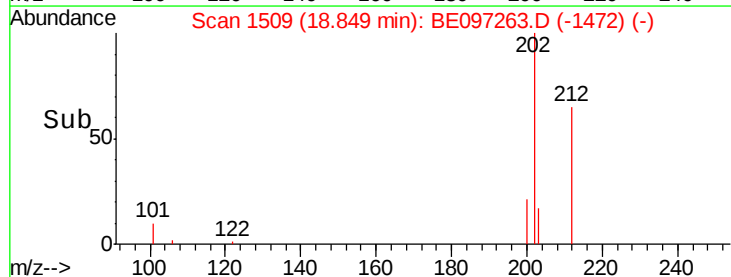
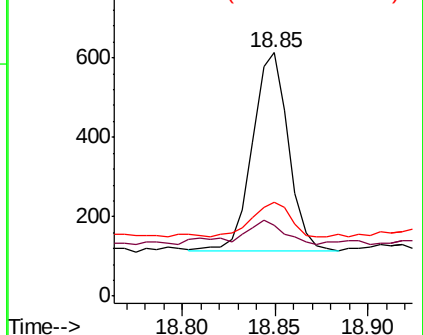
203 19.0 13.7 20.5

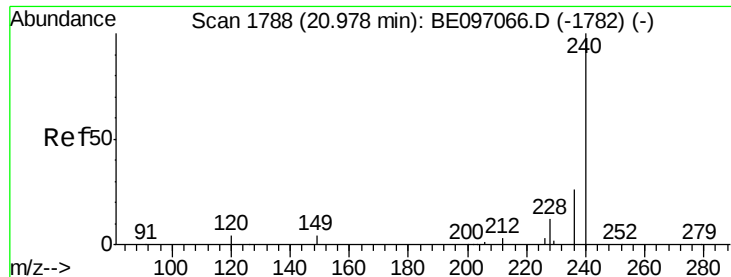


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097263.D

Acq: 10 Aug 2018 15:20

Instrument :

BNA_E

ClientSampleId :

MW-107S

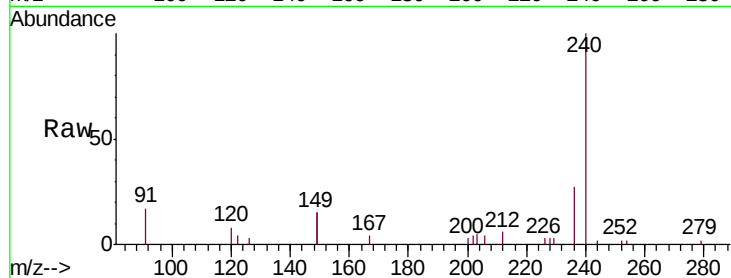
Tgt Ion:240 Resp: 8122

Ion Ratio Lower Upper

240 100

120 8.0 5.5 8.3

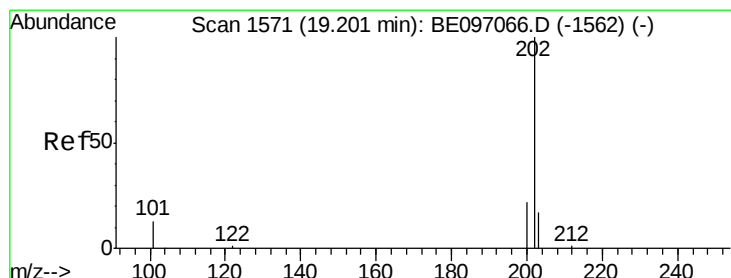
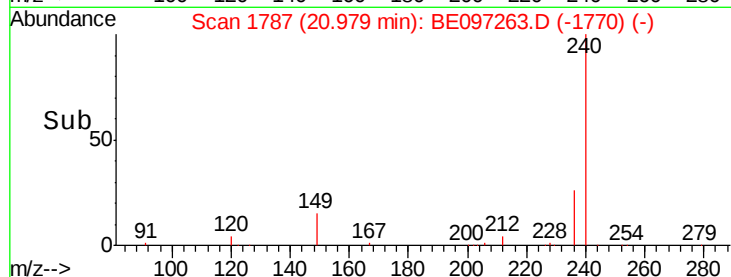
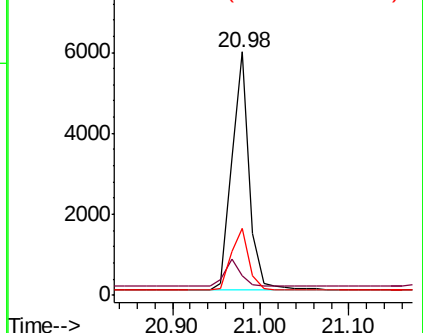
236 27.5 20.7 31.1



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: 0.078 ng

RT: 19.21 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

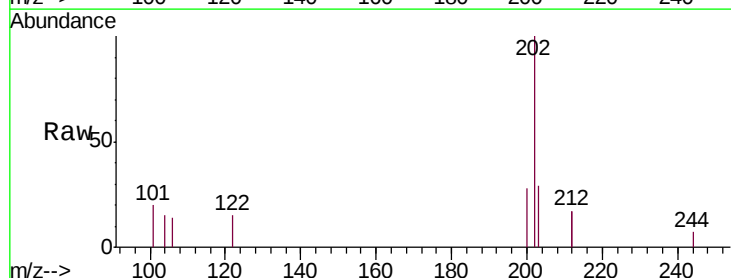
Tgt Ion:202 Resp: 1730

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

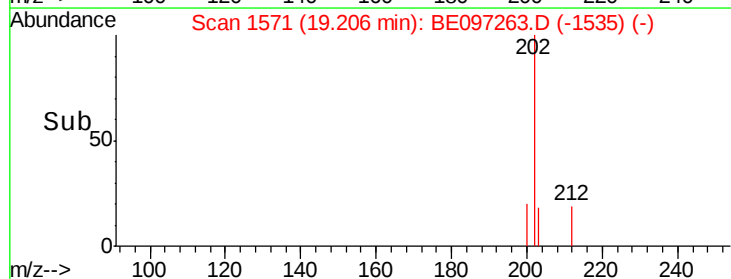
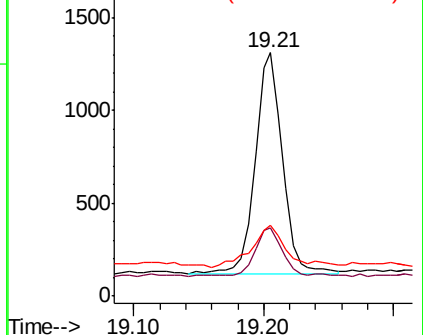
203 22.7 13.8 20.8#

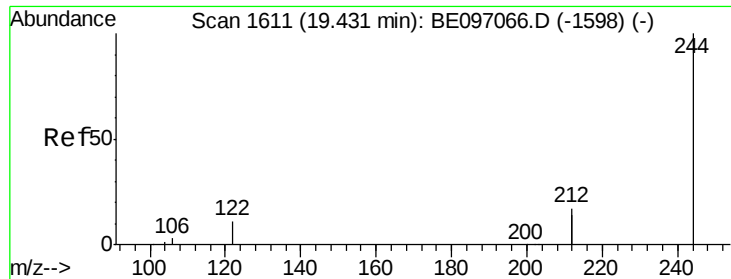


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.446 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

Instrument :

BNA_E

ClientSampleId :

MW-107S

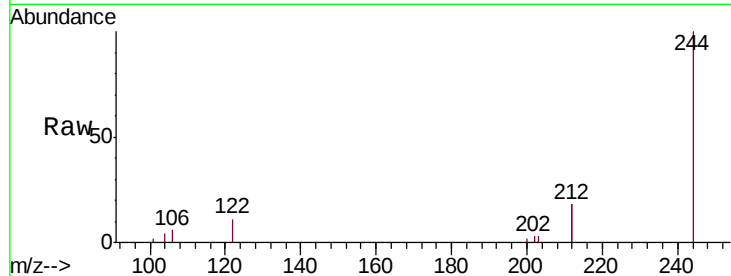
Tgt Ion:244 Resp: 6959

Ion Ratio Lower Upper

244 100

212 35.8 25.4 38.0

122 11.4 8.1 12.1

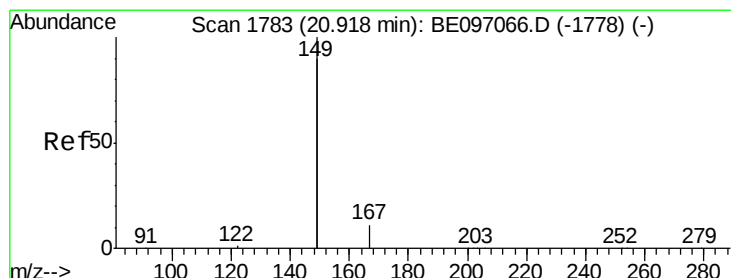
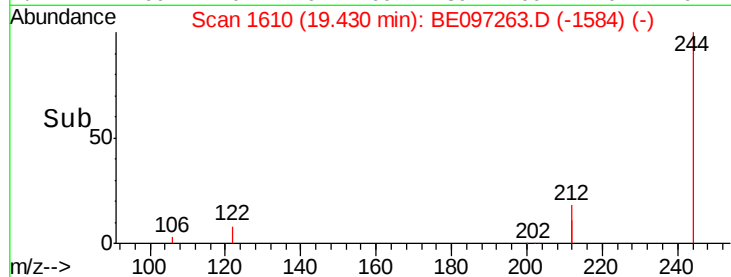
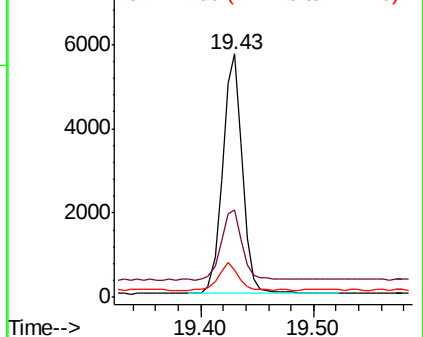


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.209 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

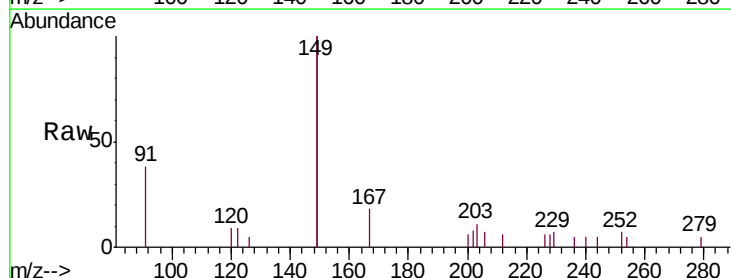
Tgt Ion:149 Resp: 4436

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

279 1.5 0.7 1.1#

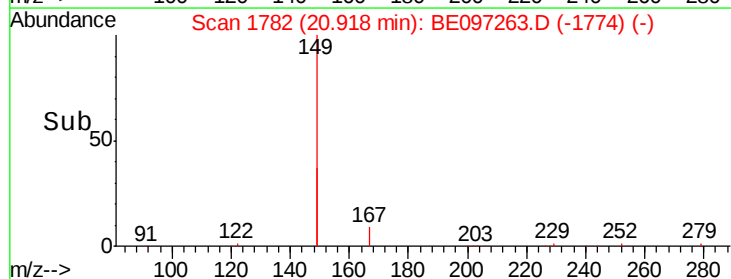
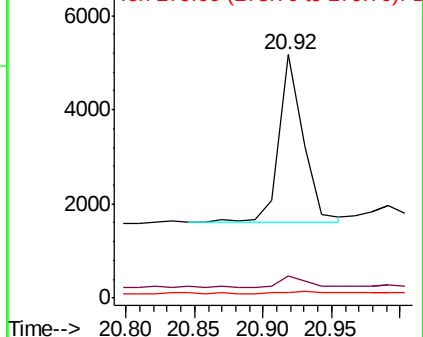


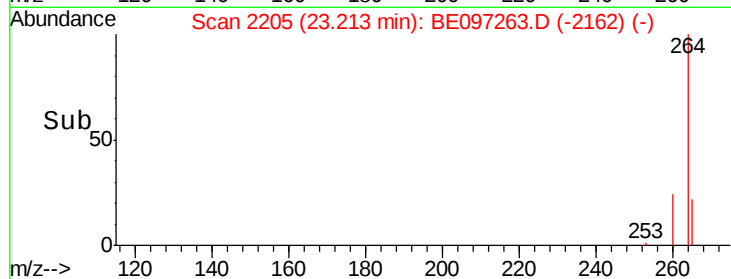
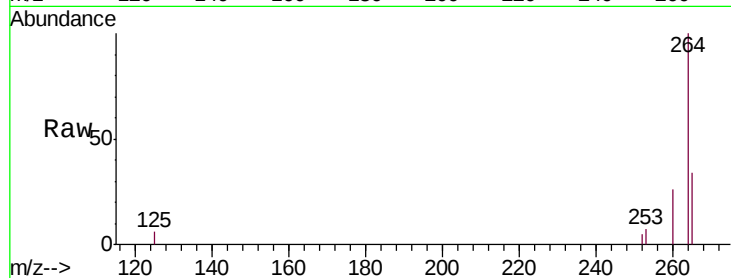
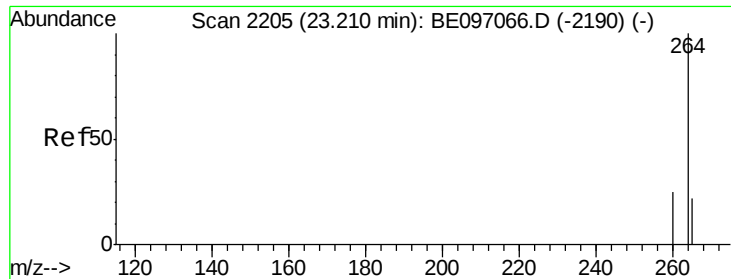
Abundance

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





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097263.D

Acq: 10 Aug 2018 15:20

Instrument :

BNA_E

ClientSampleId :

MW-107S

Tgt Ion:264 Resp: 8266

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 34.3 22.8 34.2#

