

Data File : BE097269.D
Acq On : 10 Aug 2018 19:30
Operator : SJ/JU
Sample : J4379-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-105S

Quant Time: Aug 10 23:15:34 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	1019	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5353	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3246	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7889	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8316	0.40	ng	0.00
34) Perylene-d12	23.22	264	8073	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	492	0.17	ng	0.01
5) Phenol-d6	6.61	99	451	0.11	ng	0.01
8) Nitrobenzene-d5	8.52	82	2013	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3205	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	482	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5365	0.48	ng	0.00
25) Fluoranthene-d10	18.81	212	35535	0.45	ng	0.00
29) Terphenyl-d14	19.42	244	6928	0.43	ng	0.00

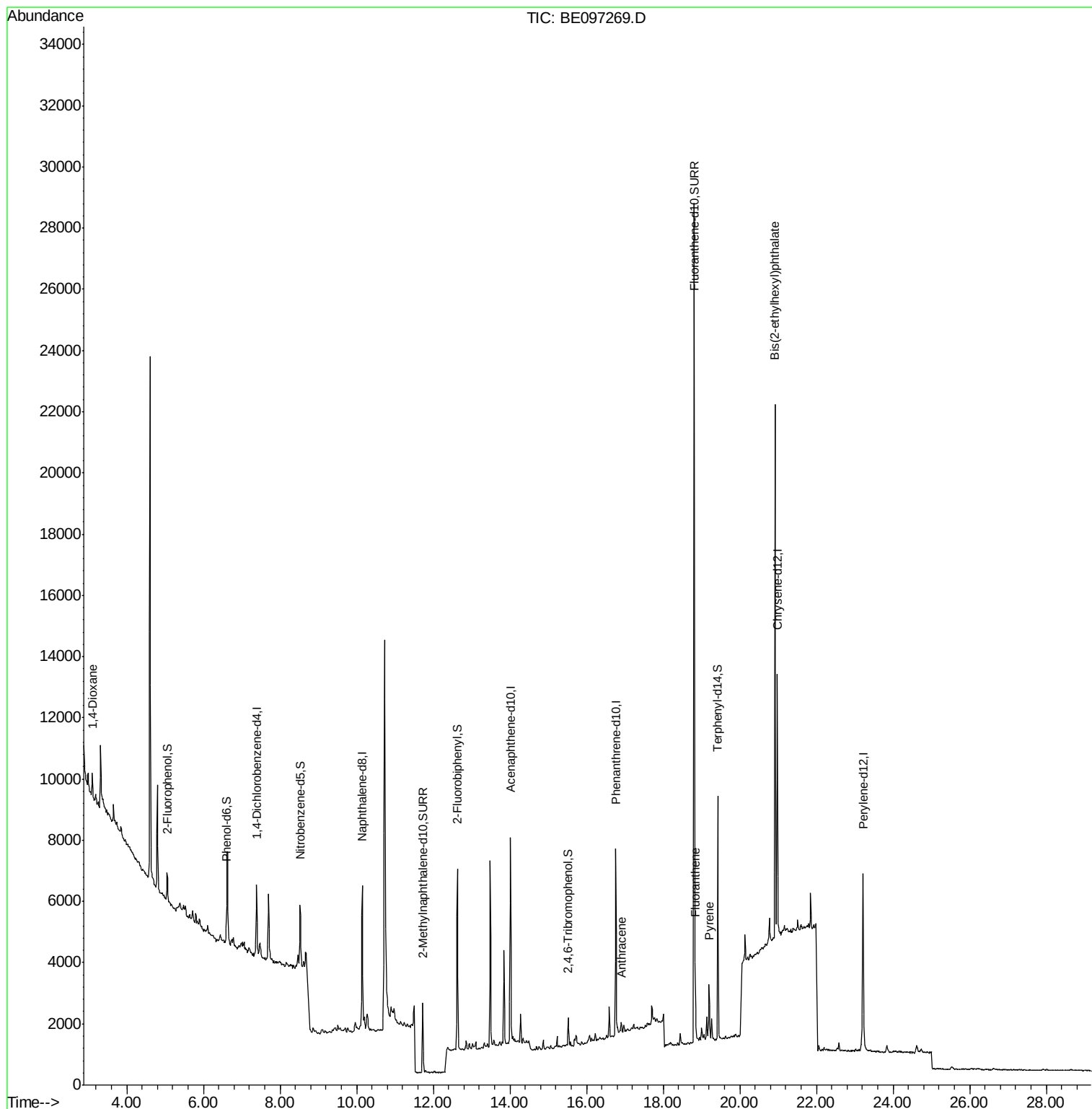
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	479	0.296	ng	# 91
24) Anthracene	16.90	178	417	0.025	ng	# 72
26) Fluoranthene	18.84	202	1673	0.079	ng	97
28) Pyrene	19.20	202	1614	0.071	ng	# 90
32) Bis(2-ethylhexyl)phthalate	20.92	149	18904	0.816	ng	# 100

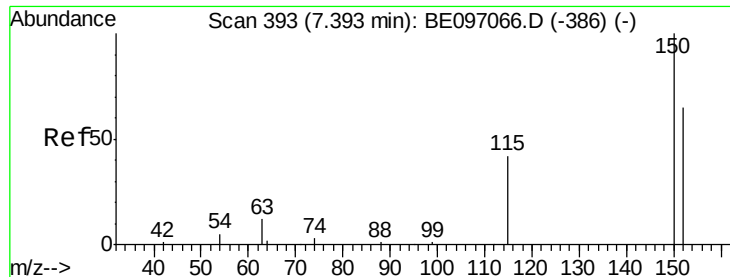
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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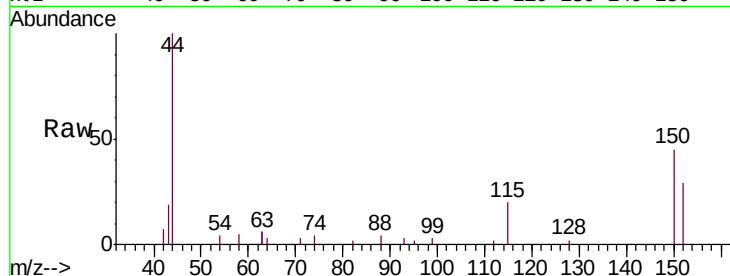


#1

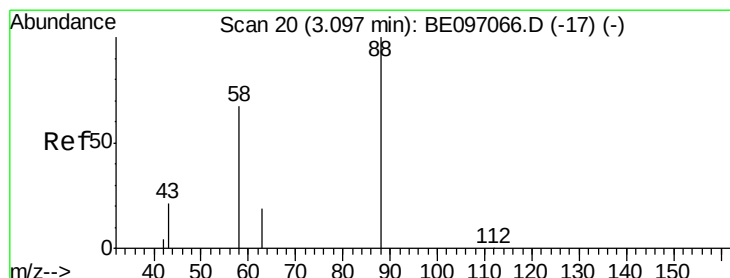
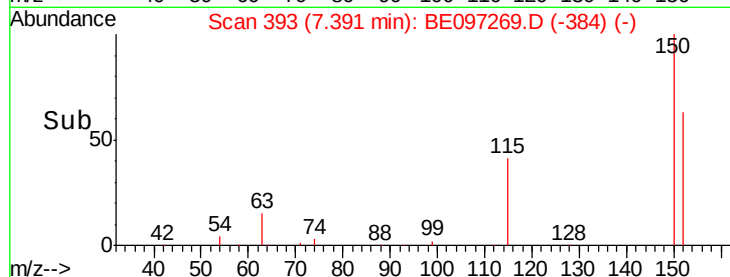
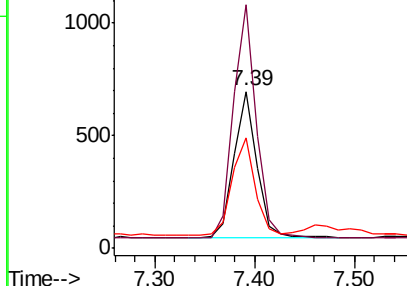
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097269.D
Acq: 10 Aug 2018 19:30

Instrument :
BNA_E
ClientSampleId :
MW-105S

Tgt Ion: 152 Resp: 1019
Ion Ratio Lower Upper
152 100
150 154.9 117.2 175.8
115 70.2 57.0 85.6



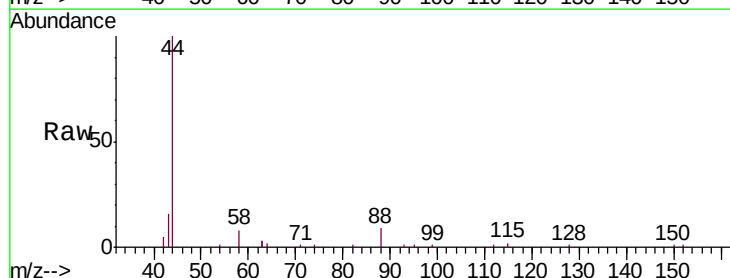
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



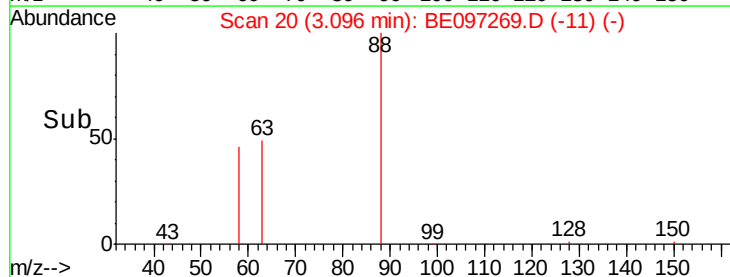
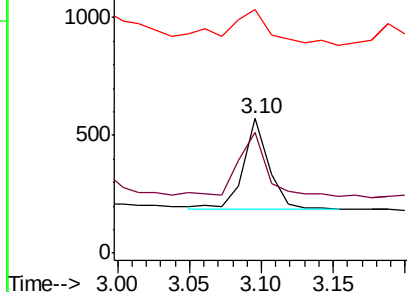
#2

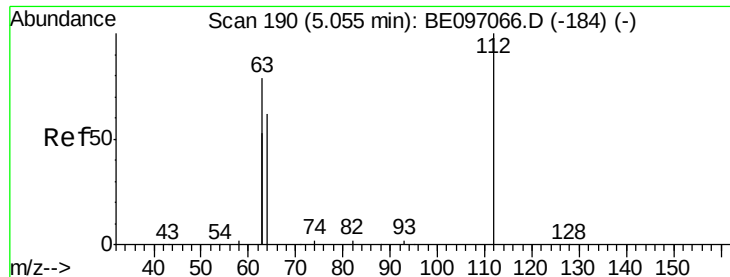
1,4-Dioxane
Concen: 0.296 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097269.D
Acq: 10 Aug 2018 19:30

Tgt Ion: 88 Resp: 479
Ion Ratio Lower Upper
88 100
58 78.1 63.2 94.8
43 65.6 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: 0.172 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

Instrument :

BNA_E

ClientSampleId :

MW-105S

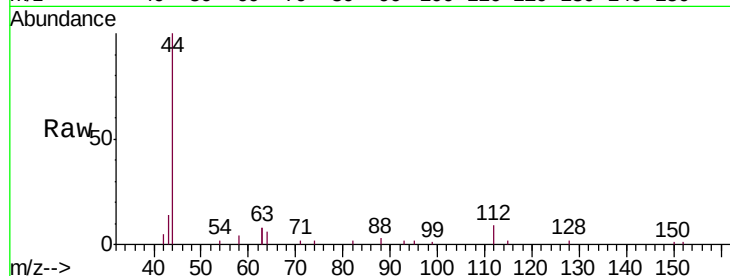
Tgt Ion: 112 Resp: 492

Ion Ratio Lower Upper

112 100

64 68.1 60.1 90.1

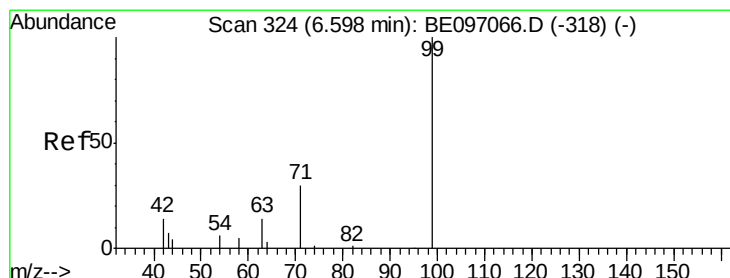
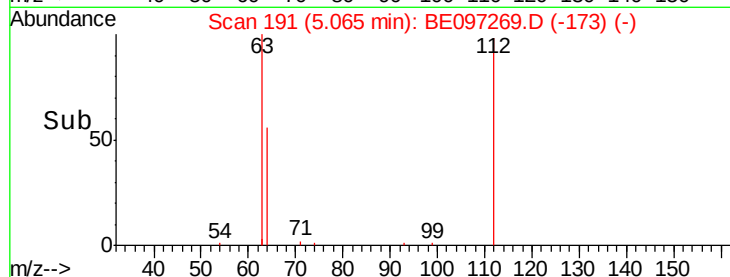
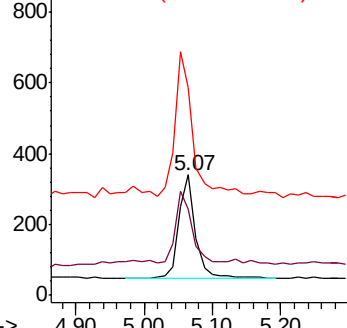
63 159.8 116.8 175.2



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: 0.107 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

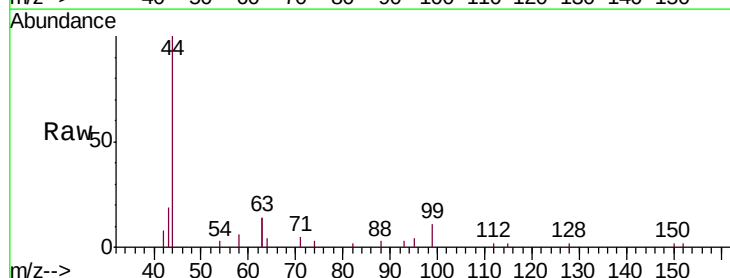
Tgt Ion: 99 Resp: 451

Ion Ratio Lower Upper

99 100

42 42.4 20.2 30.2#

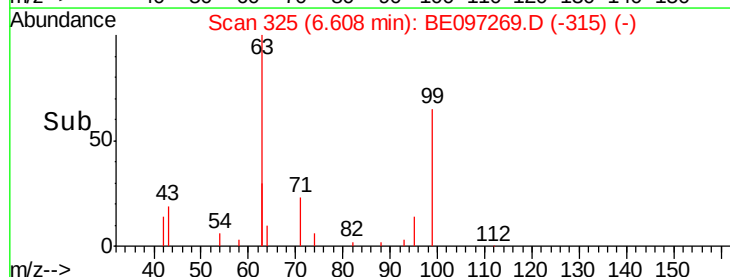
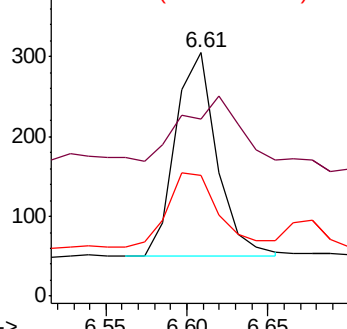
71 0.0 28.4 42.6#

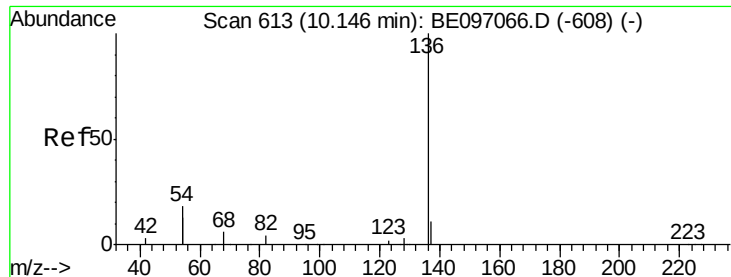


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

Instrument :

BNA_E

ClientSampleId :

MW-105S

Tgt Ion: 136 Resp: 5353

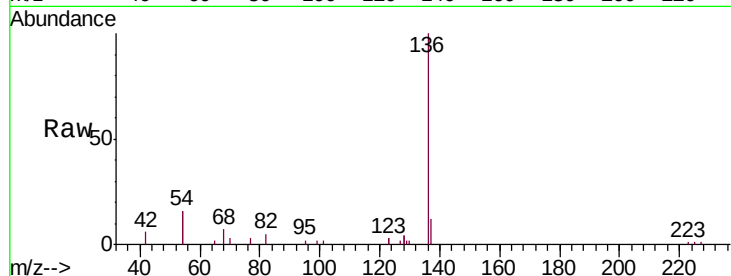
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 32.8 29.1 43.7

68 7.3 6.2 9.2

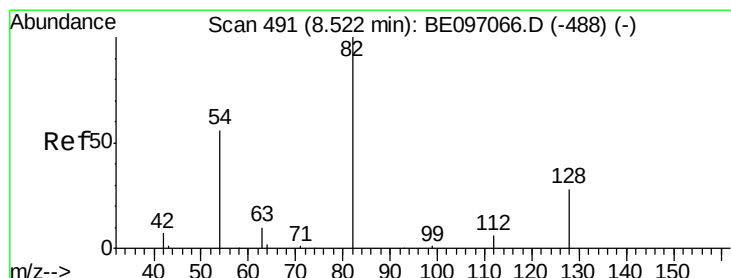
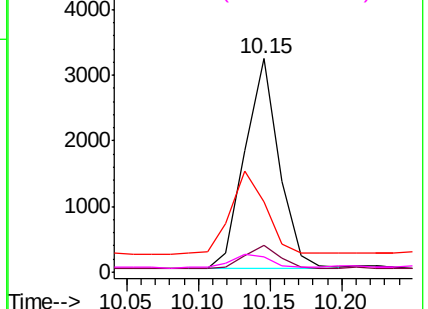
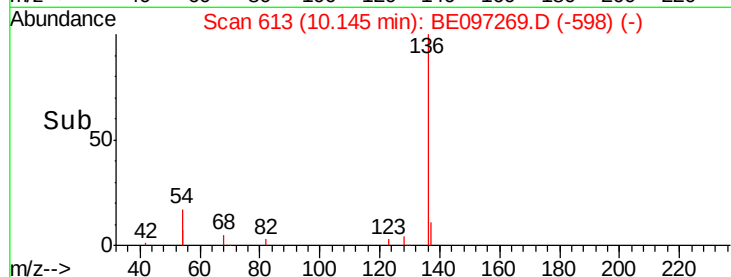


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.433 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

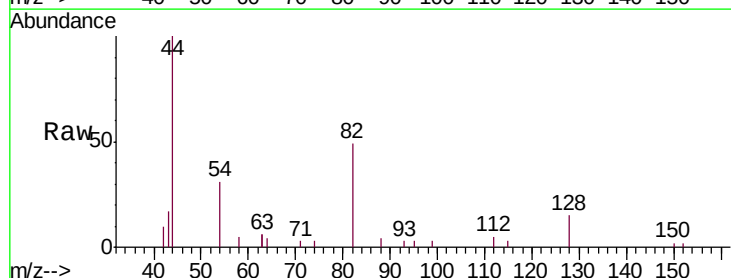
Tgt Ion: 82 Resp: 2013

Ion Ratio Lower Upper

82 100

128 31.2 24.0 36.0

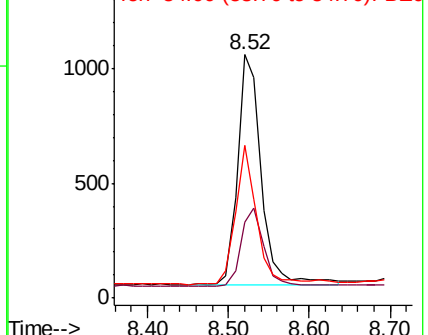
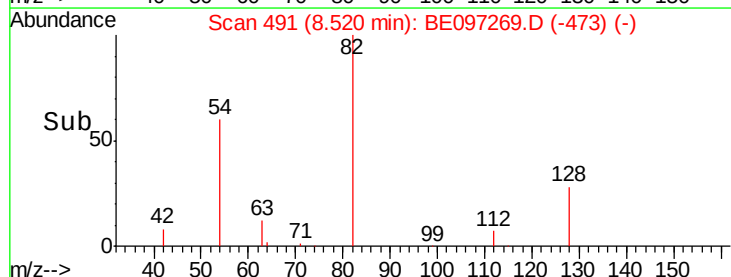
54 62.6 40.0 60.0#

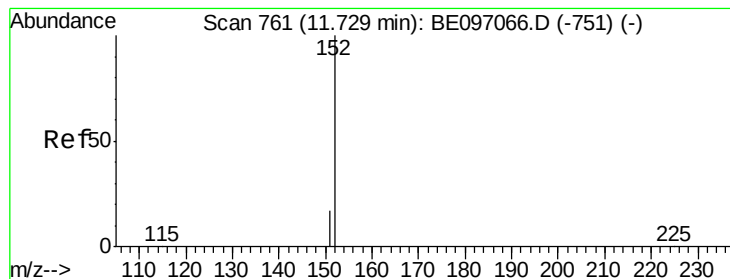


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 11.72 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

Instrument :

BNA_E

ClientSampleId :

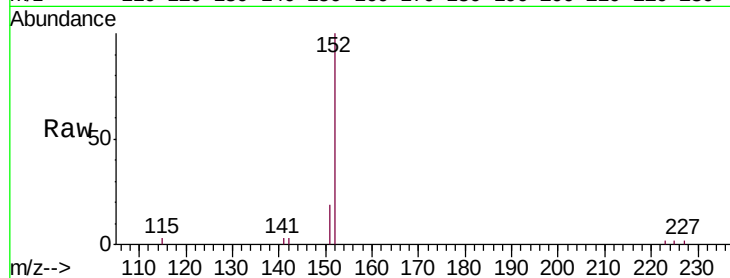
MW-105S

Tgt Ion:152 Resp: 3205

Ion Ratio Lower Upper

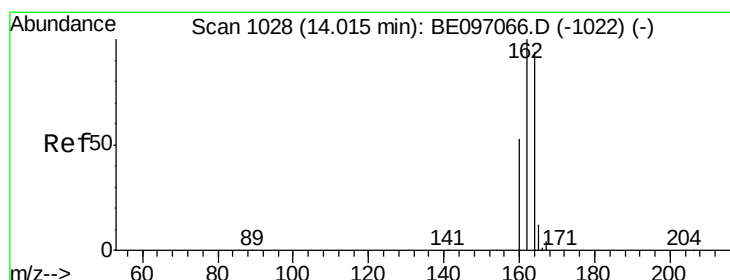
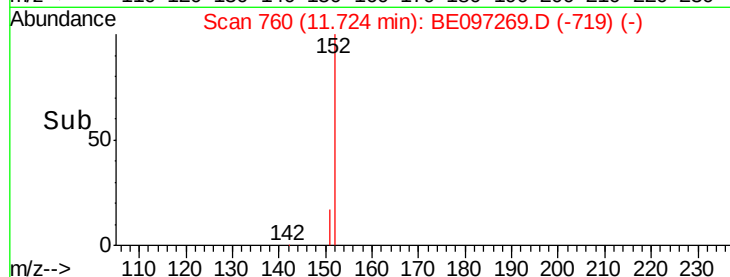
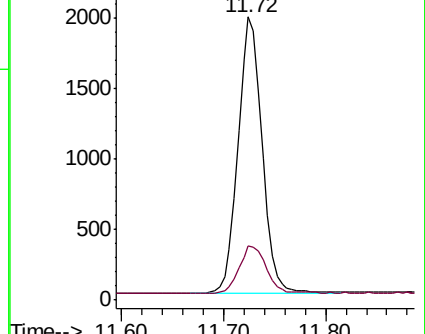
152 100

151 19.2 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# 1028

Delta R.T. 0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

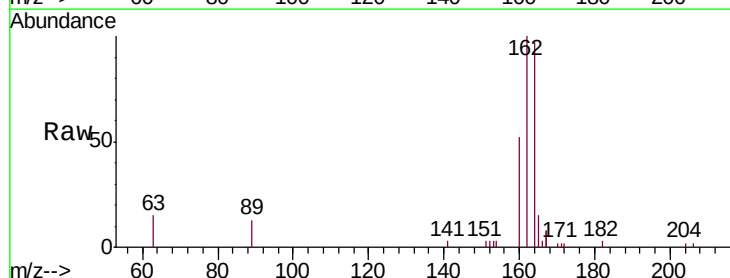
Tgt Ion:164 Resp: 3246

Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

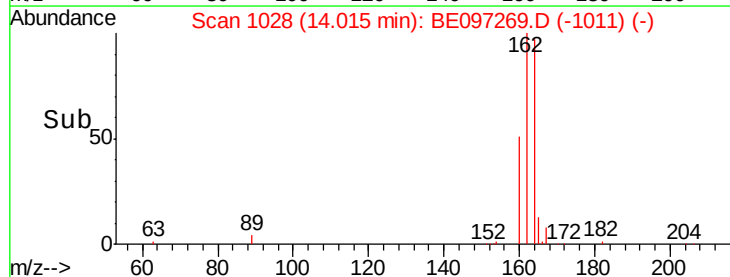
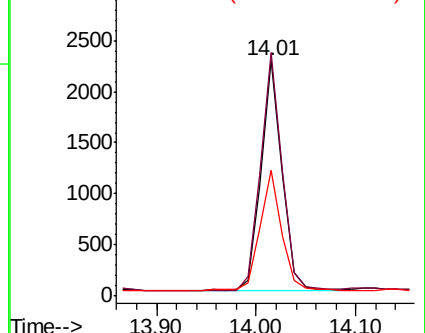
160 53.5 37.1 55.7

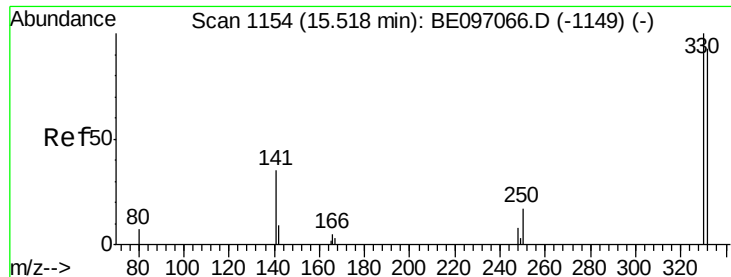


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

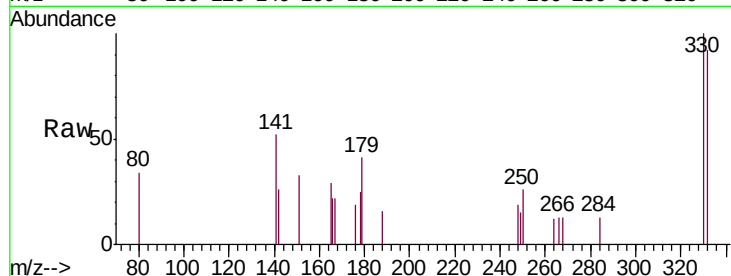




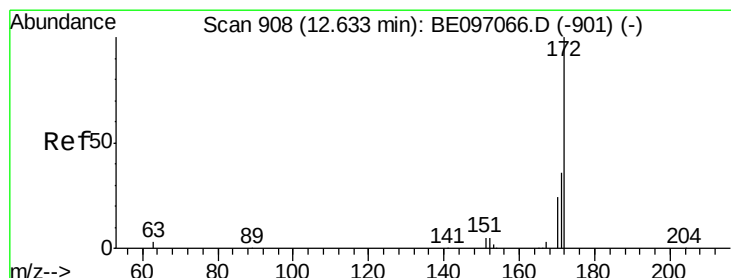
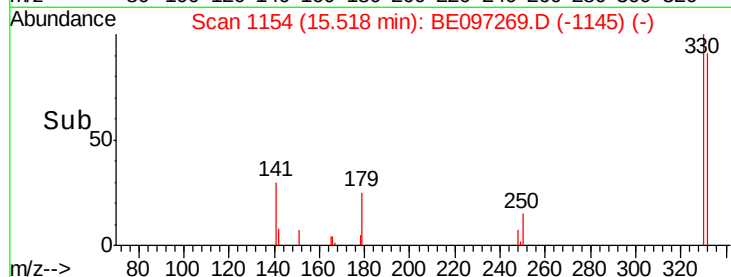
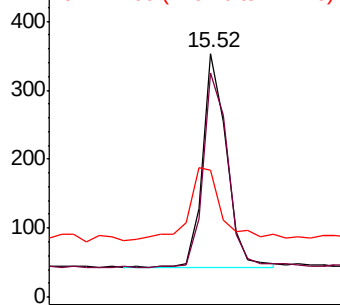
#14
 2,4,6-Tribromophenol
 Concen: 0.451 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097269.D
 Acq: 10 Aug 2018 19:30

Instrument :
 BNA_E
 ClientSampleId :
 MW-105S

Tgt Ion: 330 Resp: 482
 Ion Ratio Lower Upper
 330 100
 332 93.8 152.7 229.1#
 141 46.9 33.7 50.5

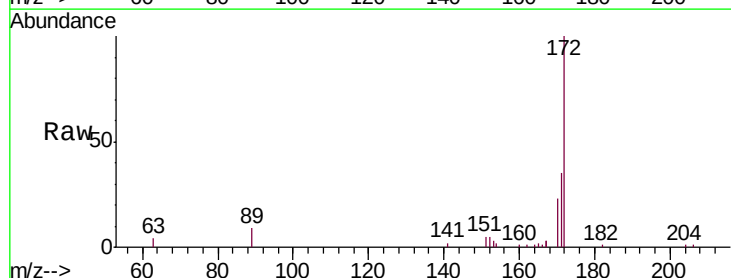


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

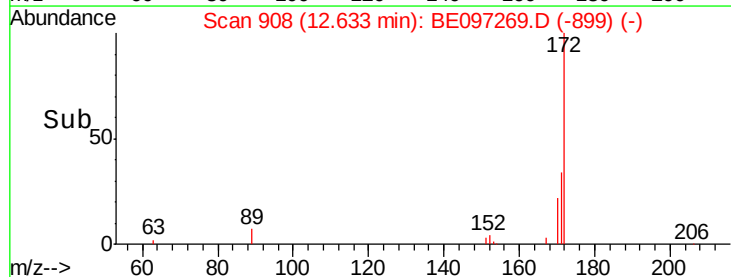
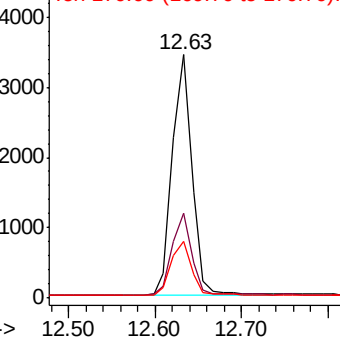


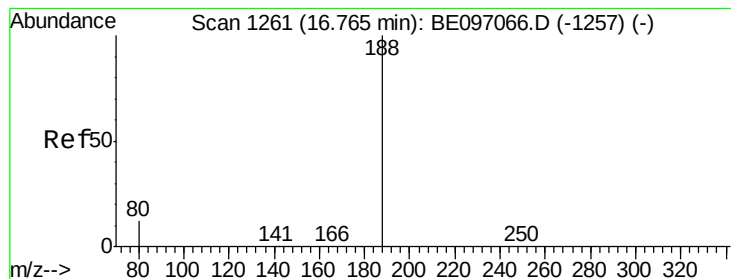
#15
 2-Fluorobiphenyl
 Concen: 0.479 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097269.D
 Acq: 10 Aug 2018 19:30

Tgt Ion: 172 Resp: 5365
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.9 44.9
 170 23.2 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: 16.77 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

Instrument :

BNA_E

ClientSampleId :

MW-105S

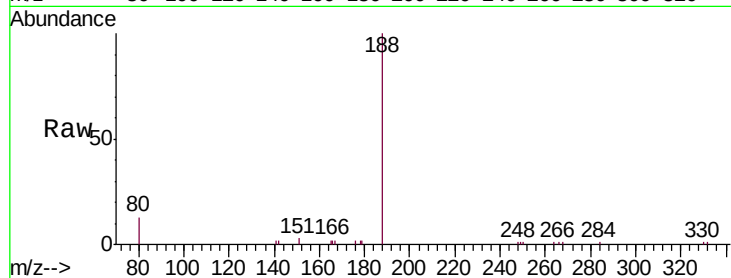
Tgt Ion:188 Resp: 7889

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

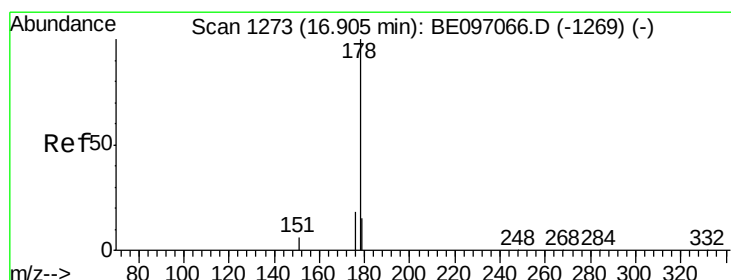
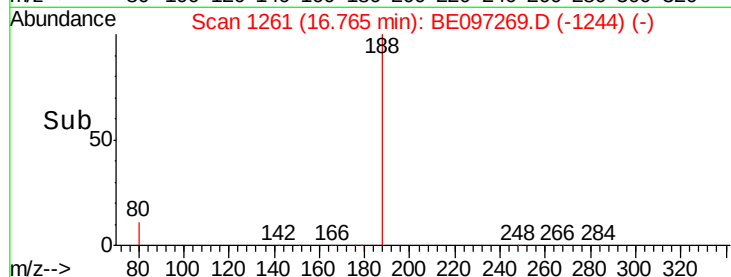
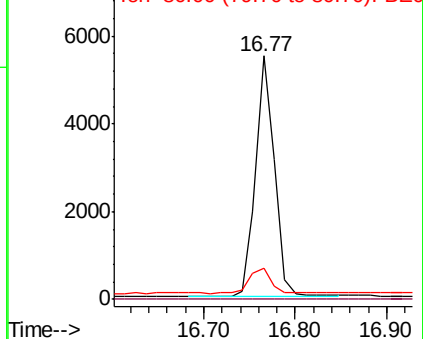
80 12.9 3.6 5.4#



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



#24

Anthracene

Concen: 0.025 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

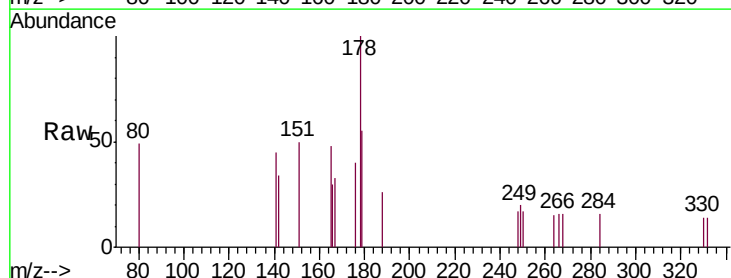
Tgt Ion:178 Resp: 417

Ion Ratio Lower Upper

178 100

176 23.3 12.8 19.2#

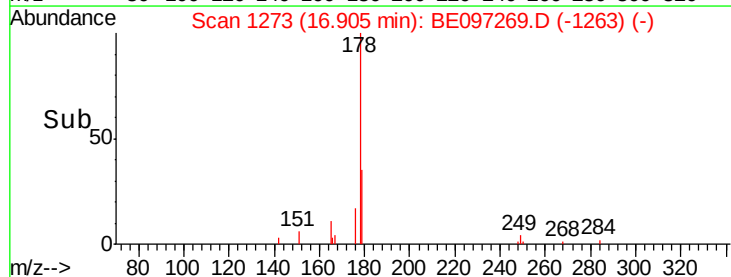
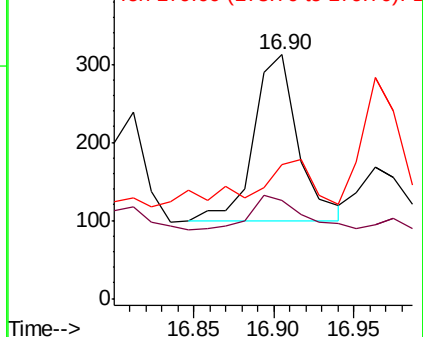
179 0.0 13.0 19.6#

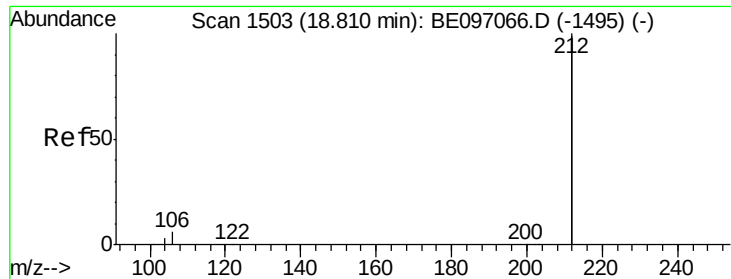


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.450 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

Instrument :

BNA_E

ClientSampleId :

MW-105S

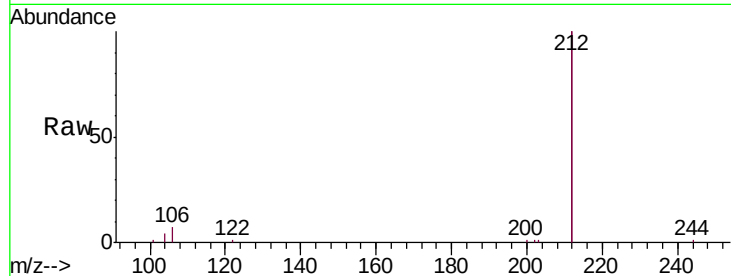
Tgt Ion:212 Resp: 35535

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

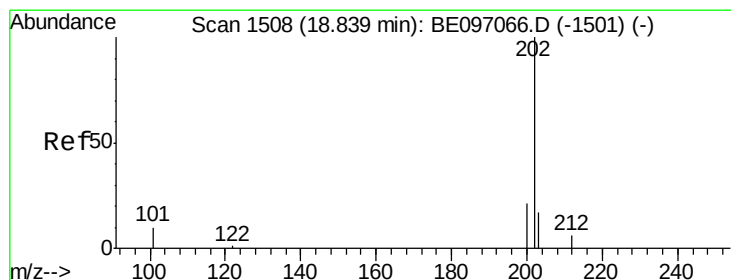
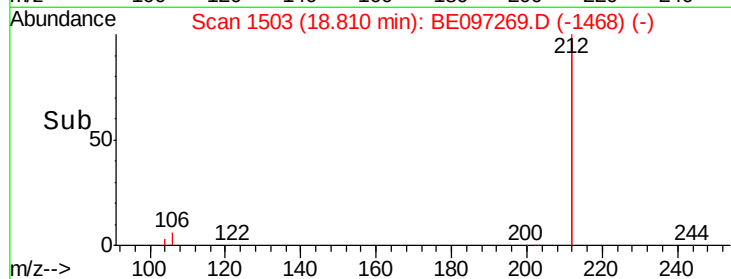
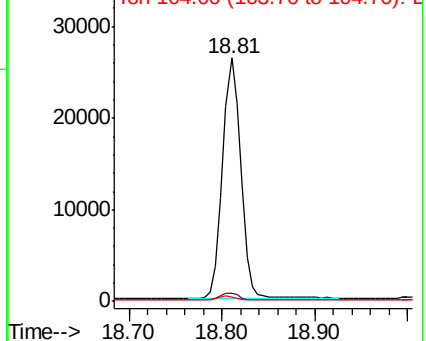
104 1.9 1.6 2.4



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: 0.079 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

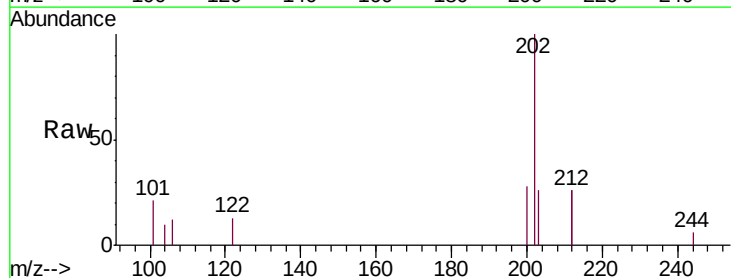
Tgt Ion:202 Resp: 1673

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

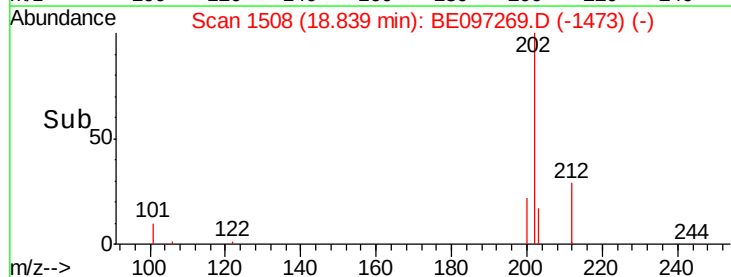
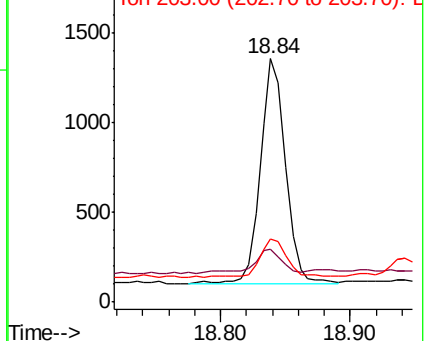
203 18.9 13.7 20.5

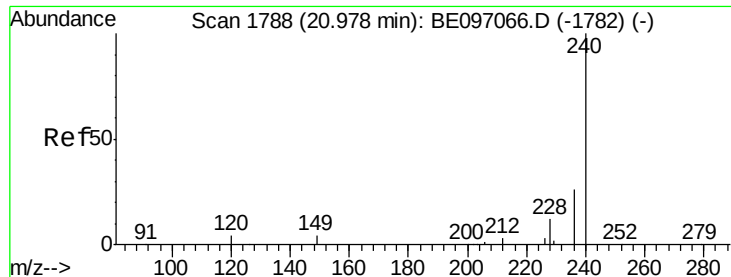


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

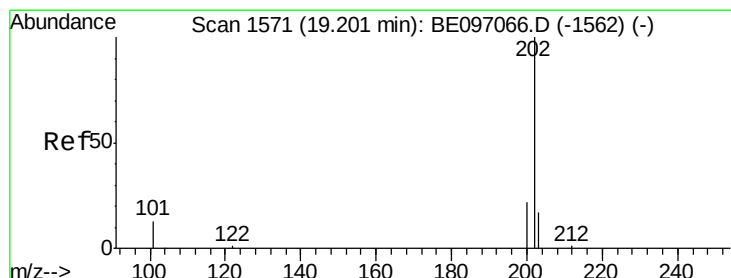
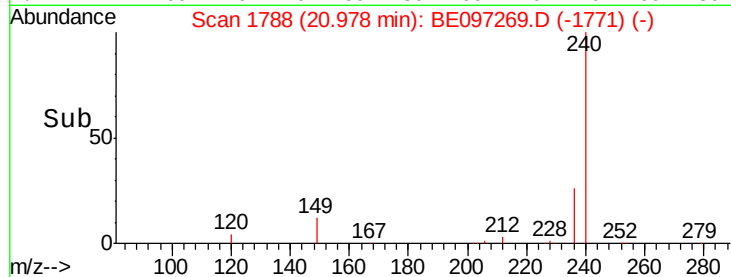
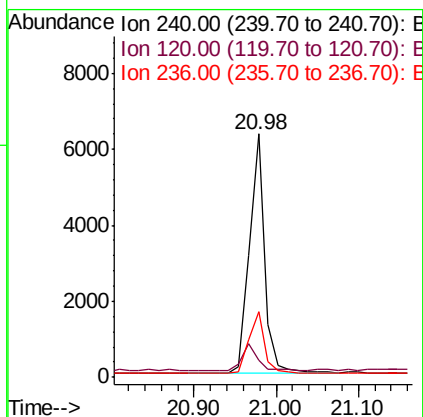
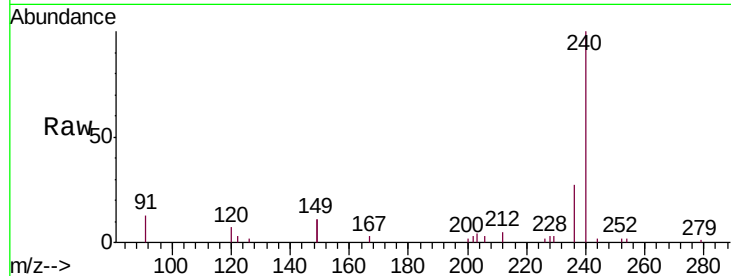




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097269.D
 Acq: 10 Aug 2018 19:30

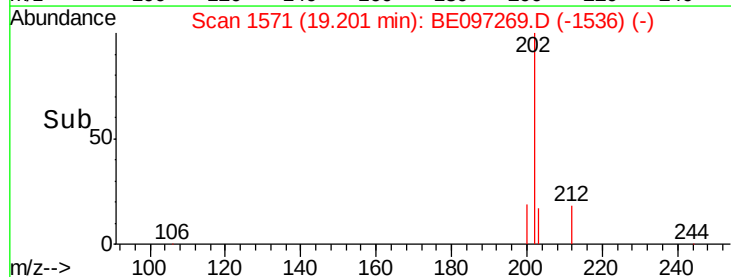
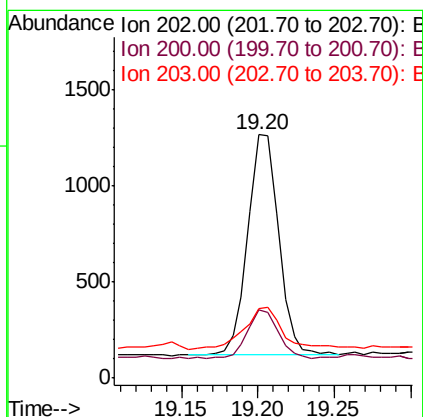
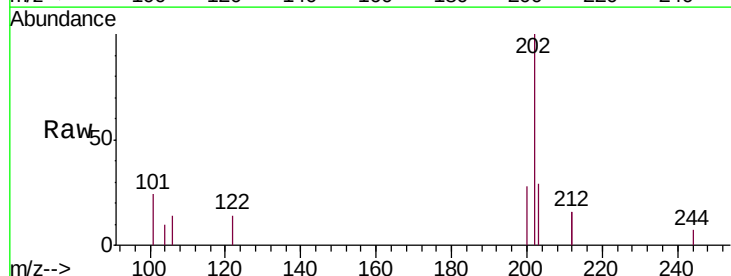
Instrument :
 BNA_E
 ClientSampleId :
 MW-105S

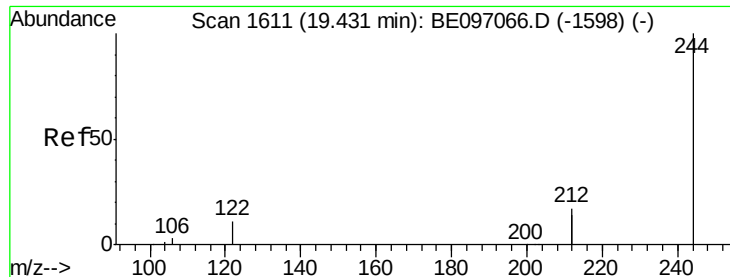
Tgt Ion:240 Resp: 8316
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.5 8.3
 236 27.2 20.7 31.1



#28
 Pyrene
 Concen: 0.071 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE097269.D
 Acq: 10 Aug 2018 19:30

Tgt Ion:202 Resp: 1614
 Ion Ratio Lower Upper
 202 100
 200 22.6 16.6 25.0
 203 24.4 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

Instrument :

BNA_E

ClientSampleId :

MW-105S

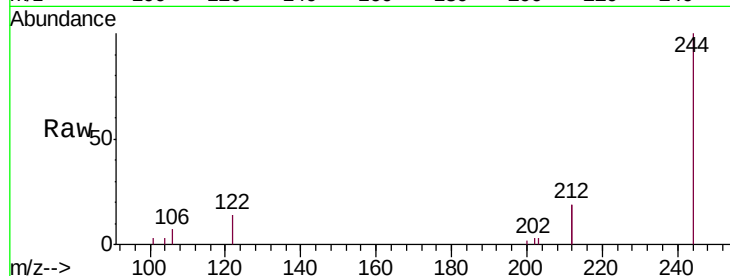
Tgt Ion:244 Resp: 6928

Ion Ratio Lower Upper

244 100

212 38.1 25.4 38.0#

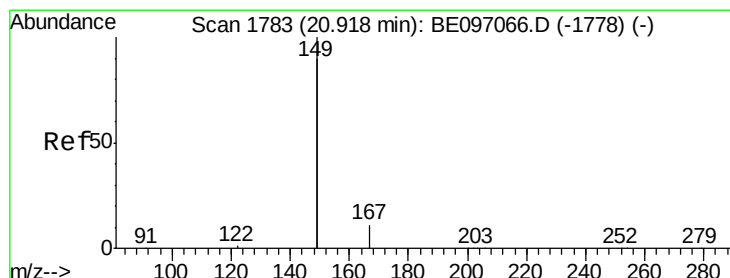
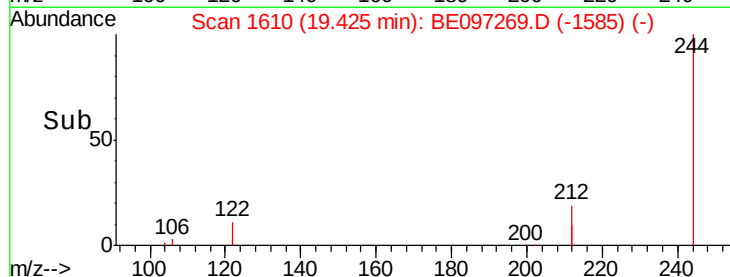
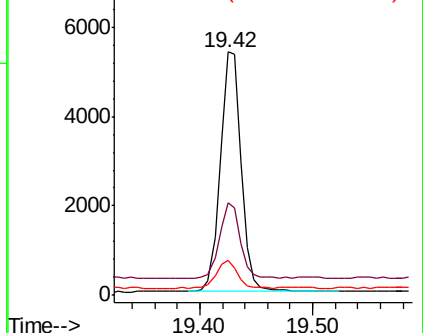
122 14.3 8.1 12.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.816 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

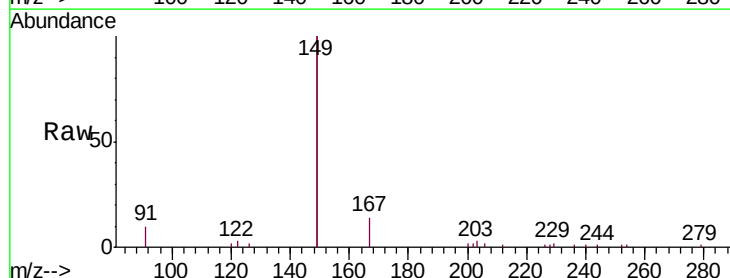
Tgt Ion:149 Resp: 18904

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

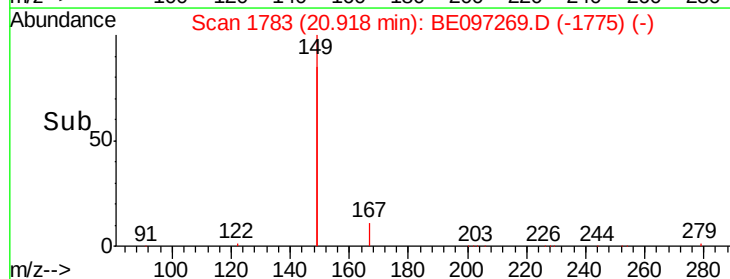
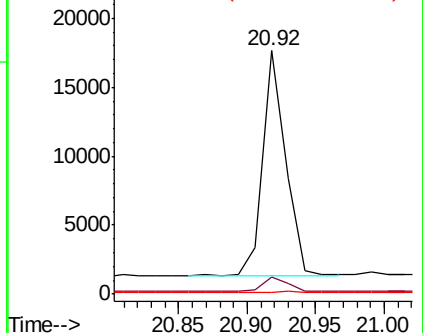
279 1.1 0.7 1.1#

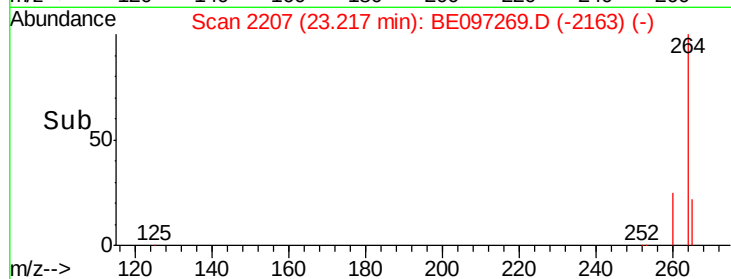
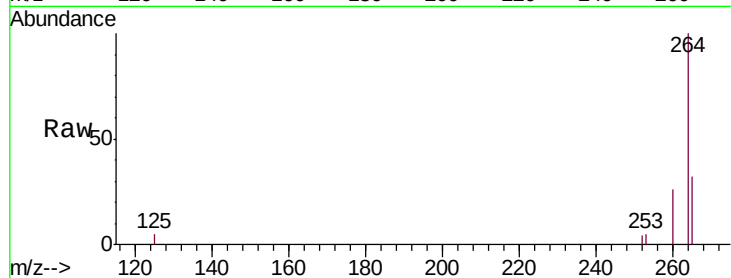
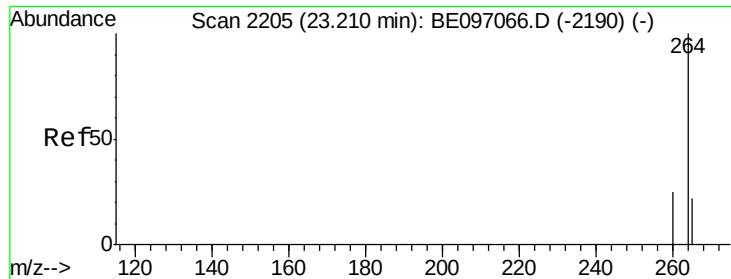


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BE097269.D

Acq: 10 Aug 2018 19:30

Instrument :

BNA_E

ClientSampleId :

MW-105S

Tgt Ion:264 Resp: 8073

Ion Ratio Lower Upper

264 100

260 26.5 20.5 30.7

265 31.6 22.8 34.2

