

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097733.D
 Acq On : 4 Oct 2018 19:51
 Operator : SJ/JU
 Sample : J5220-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TS-05

Quant Time: Oct 05 06:51:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3261	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13418	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7986	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	22907	0.40	ng	0.00
27) Chrysene-d12	21.49	240	30773	0.40	ng	0.00
34) Perylene-d12	24.04	264	30195	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1385	0.18	ng	0.00
5) Phenol-d6	7.04	99	1278	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	2919	0.67	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8270	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	948	0.65	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	18003	0.51	ng	-0.02
25) Fluoranthene-d10	19.33	212	131048	0.45	ng	0.00
29) Terphenyl-d14	19.93	244	29336	0.47	ng	0.00

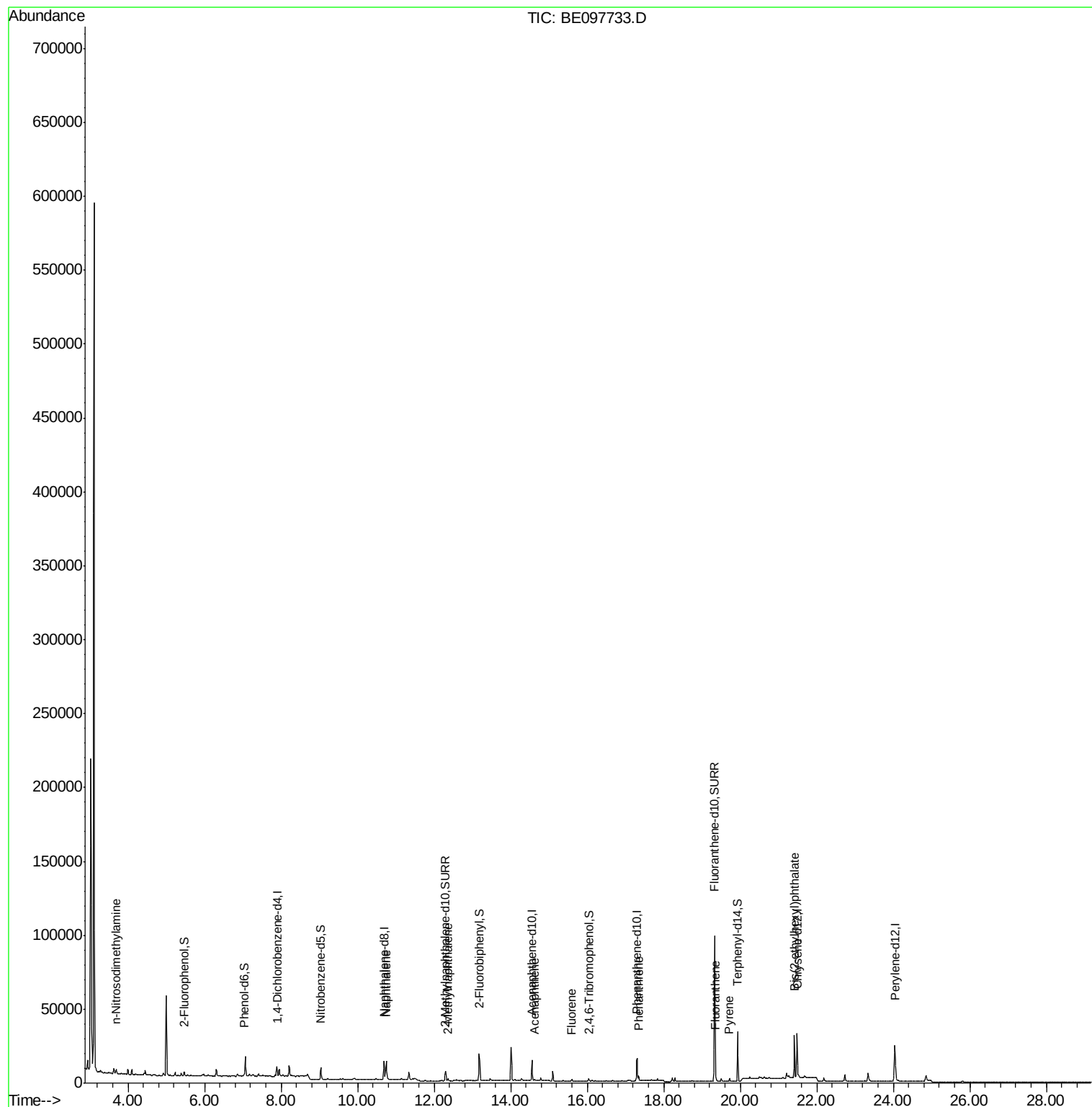
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.69	42	271	0.046	ng	# 21
9) Naphthalene	10.74	128	19303	0.143	ng	# 99
12) 2-Methylnaphthalene	12.37	142	925	0.043	ng	# 87
17) Acenaphthene	14.61	154	481	0.021	ng	# 97
18) Fluorene	15.59	166	985	0.033	ng	# 98
23) Phenanthrene	17.34	178	3794	0.064	ng	# 98
26) Fluoranthene	19.36	202	1766	0.023	ng	# 82
28) Pyrene	19.72	202	1928	0.025	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.42	149	30484	0.504	ng	100

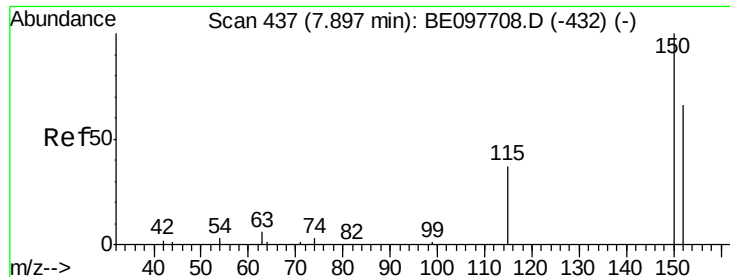
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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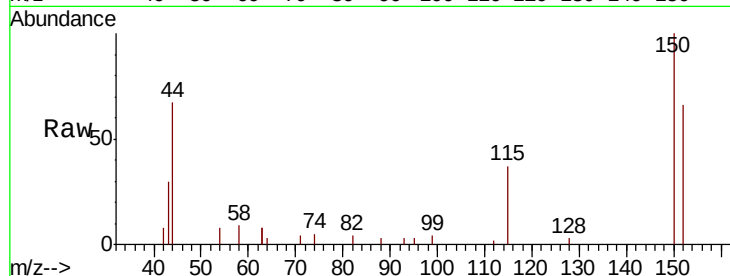


#1

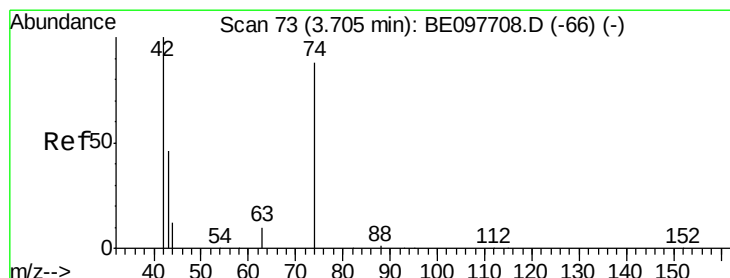
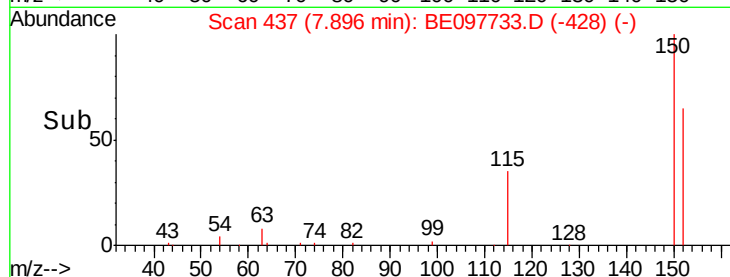
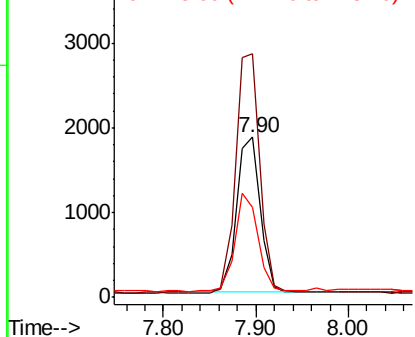
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097733.D
Acq: 4 Oct 2018 19:51

Instrument :
BNA_E
ClientSampleId :
TS-05

Tgt Ion: 152 Resp: 3261
Ion Ratio Lower Upper
152 100
150 152.0 120.9 181.3
115 56.6 46.6 69.8



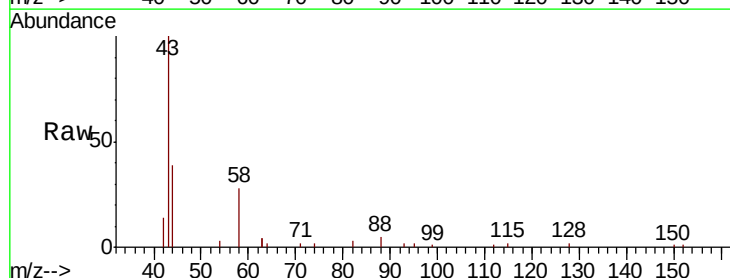
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



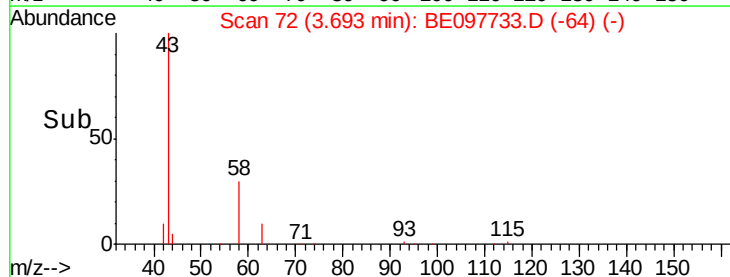
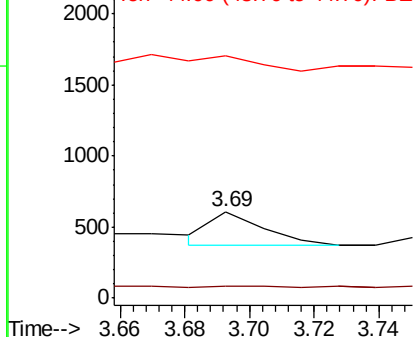
#3

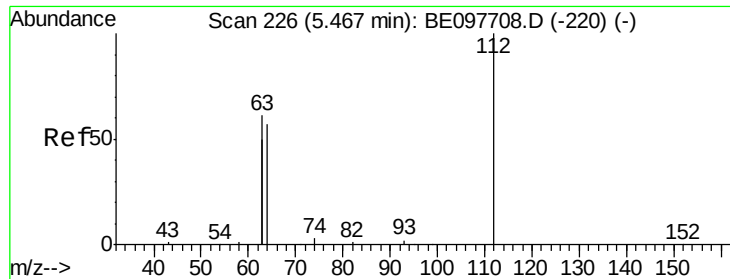
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE097733.D
Acq: 4 Oct 2018 19:51

Tgt Ion: 42 Resp: 271
Ion Ratio Lower Upper
42 100
74 7.4 70.7 106.1#
44 0.0 15.0 22.4#



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: 0.180 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

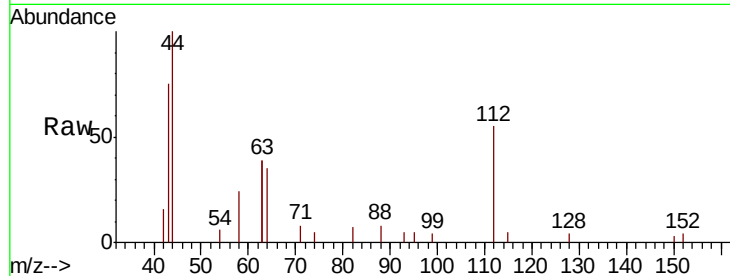
Tgt Ion: 112 Resp: 1385

Ion Ratio Lower Upper

112 100

64 65.6 56.6 84.8

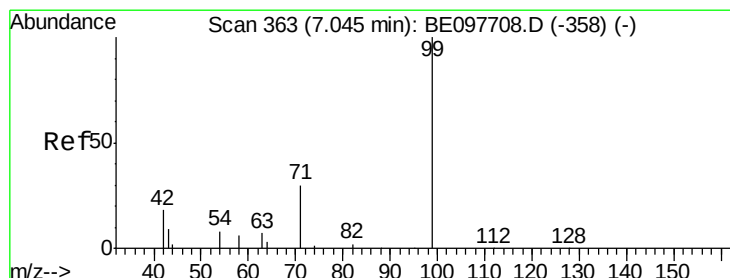
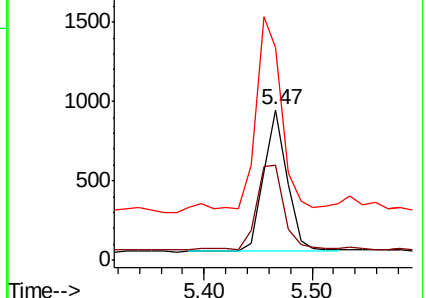
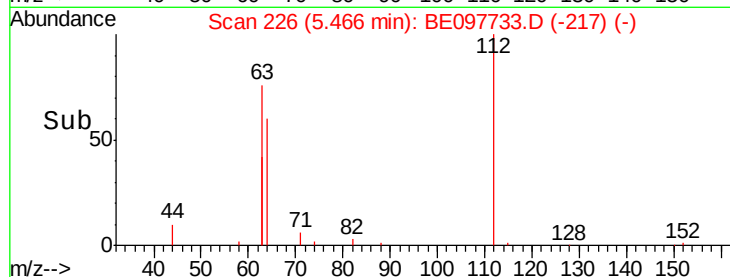
63 141.7 119.4 179.0



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: 0.108 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

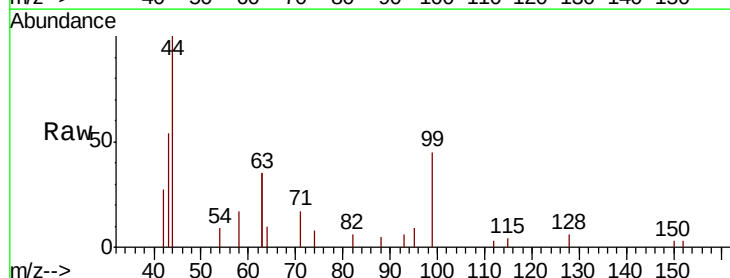
Tgt Ion: 99 Resp: 1278

Ion Ratio Lower Upper

99 100

42 119.2 19.9 29.9#

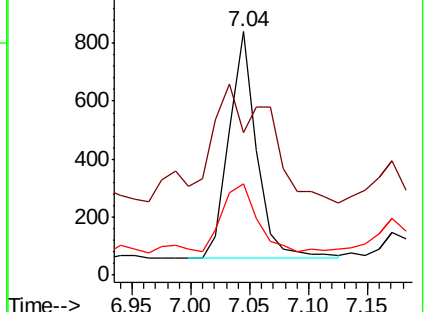
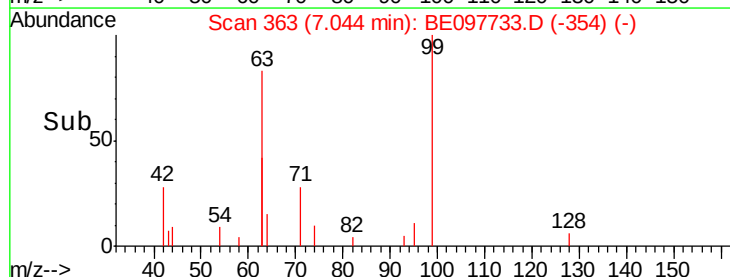
71 42.7 25.4 38.2#

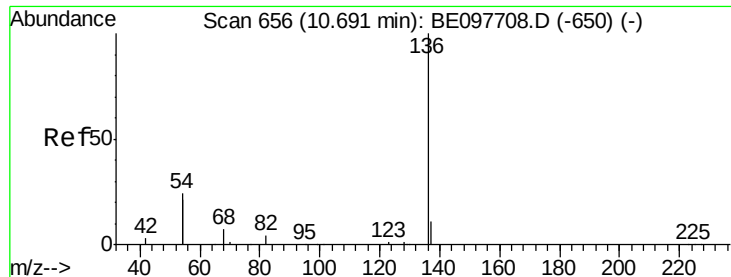


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

Tgt Ion: 136 Resp: 13418

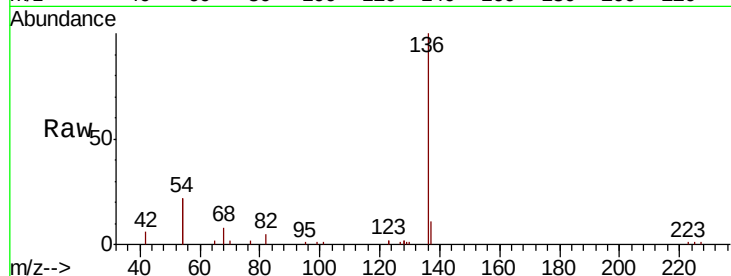
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 43.6 37.8 56.6

68 7.7 6.4 9.6

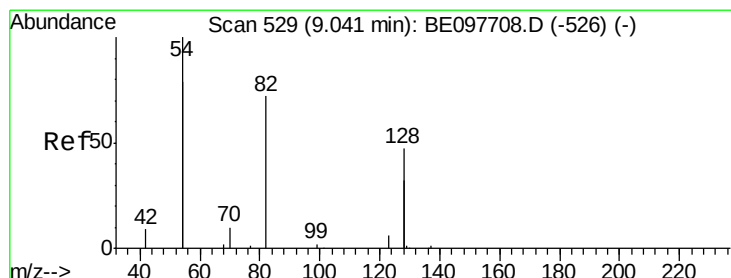
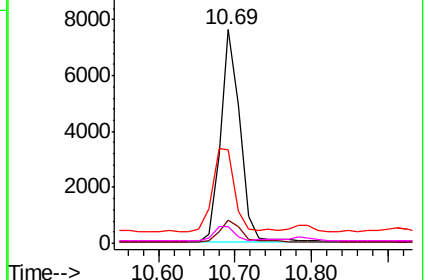
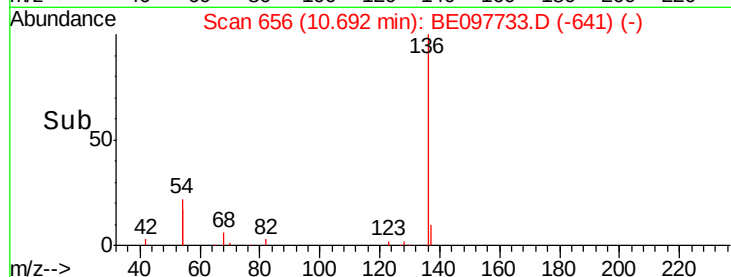


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.670 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

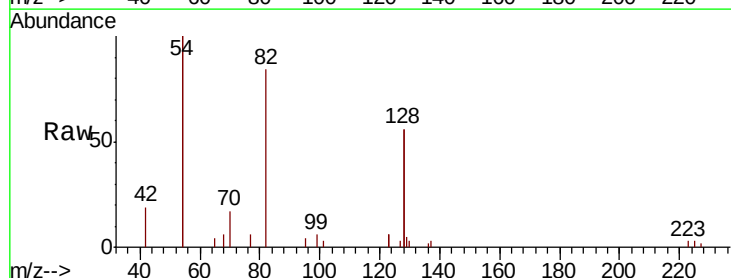
Tgt Ion: 82 Resp: 2919

Ion Ratio Lower Upper

82 100

128 133.4 97.0 145.4

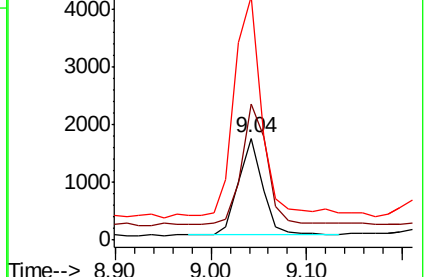
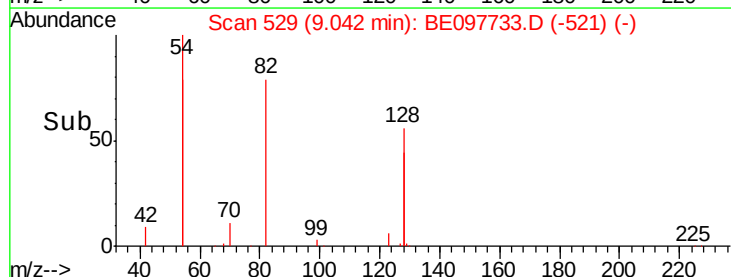
54 238.6 206.9 310.3

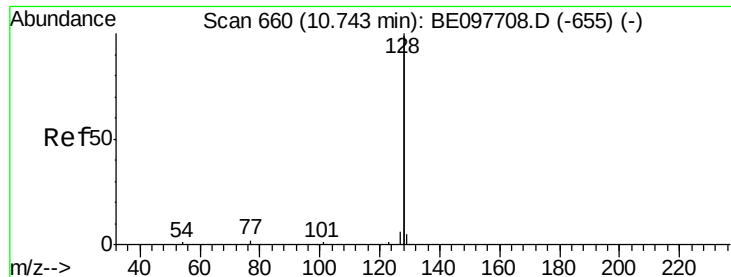


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.143 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

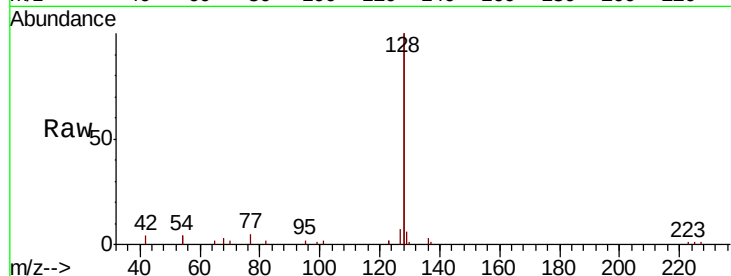
Tgt Ion:128 Resp: 19303

Ion Ratio Lower Upper

128 100

129 3.2 2.2 3.2#

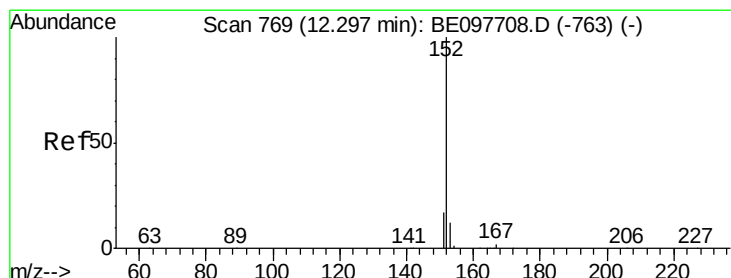
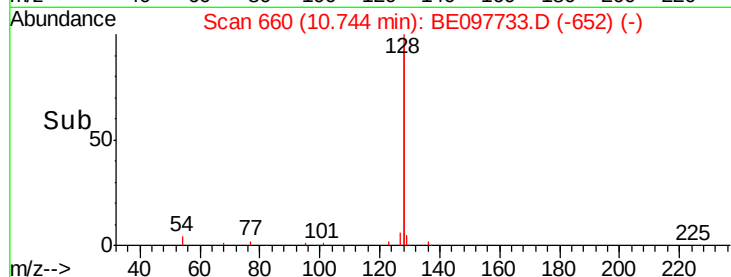
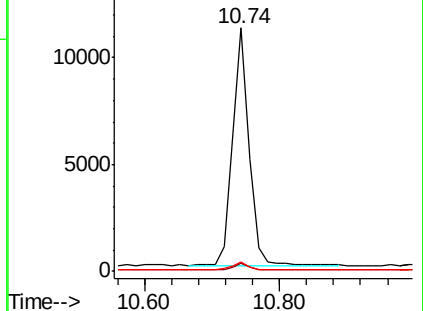
127 3.7 2.7 4.1



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



#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097733.D

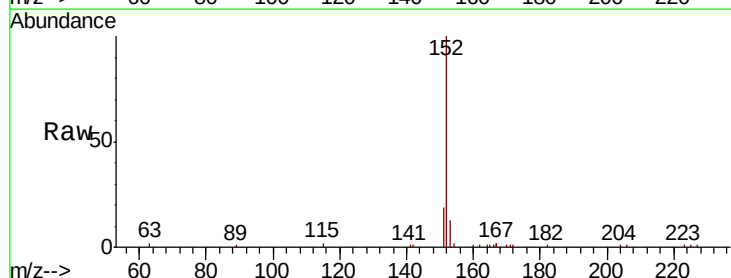
Acq: 4 Oct 2018 19:51

Tgt Ion:152 Resp: 8270

Ion Ratio Lower Upper

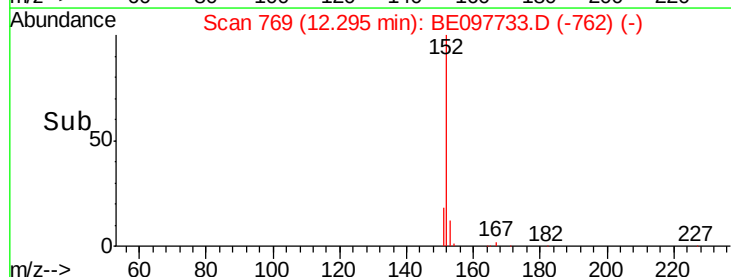
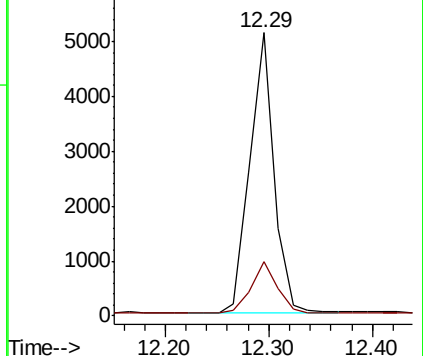
152 100

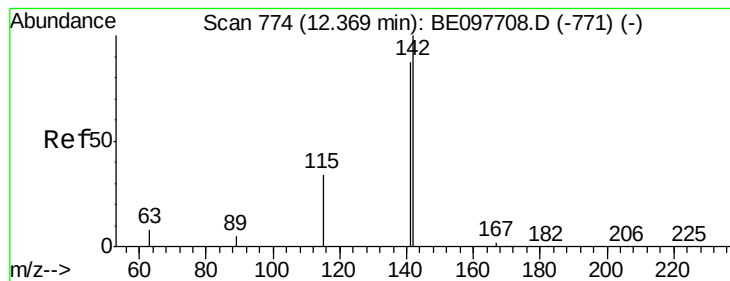
151 19.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.043 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

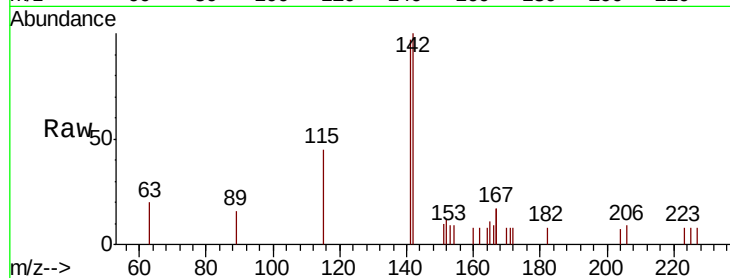
Tgt Ion:142 Resp: 925

Ion Ratio Lower Upper

142 100

141 96.9 69.4 104.2

115 45.0 28.0 42.0#



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

12.37

600

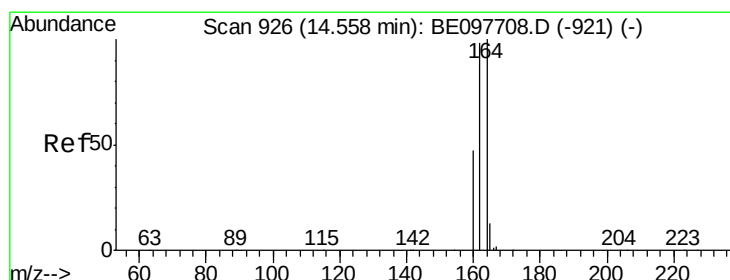
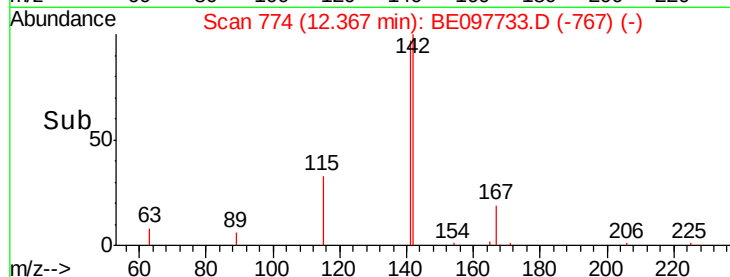
400

200

0

12.30 12.35 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

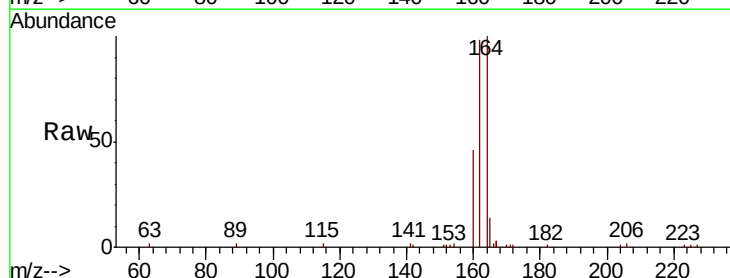
Tgt Ion:164 Resp: 7986

Ion Ratio Lower Upper

164 100

162 98.2 78.6 117.8

160 46.2 37.8 56.6



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

14.56

6000

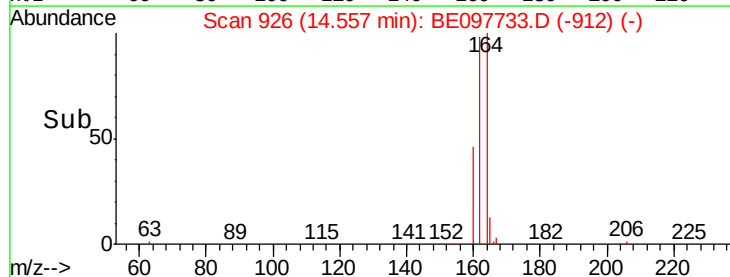
4000

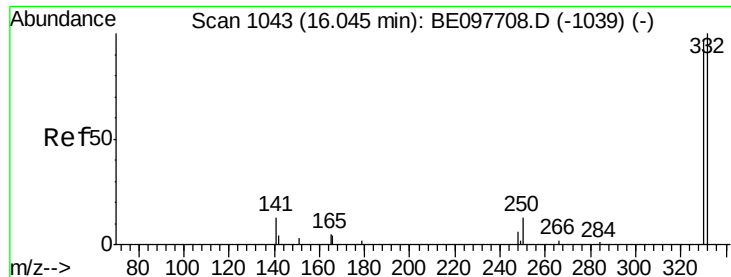
2000

0

14.50 14.60

Time-->

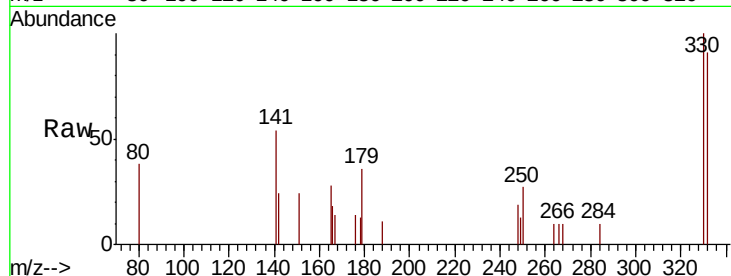




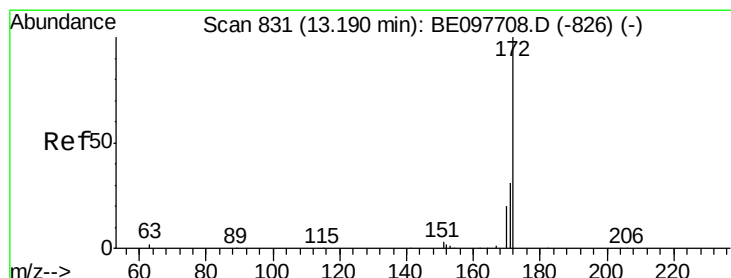
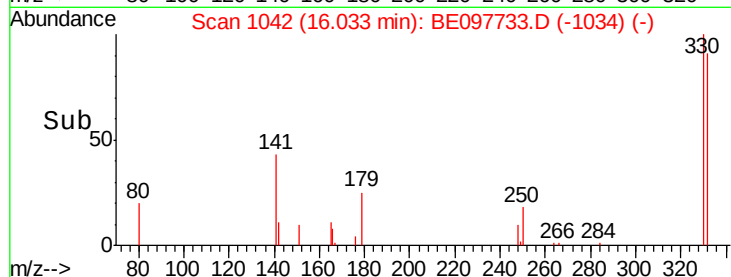
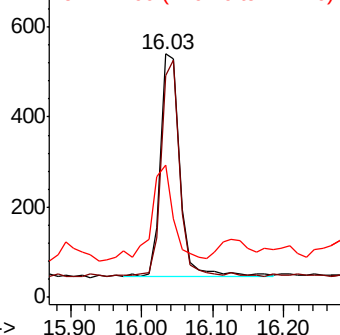
#14
 2,4,6-Tribromophenol
 Concen: 0.655 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097733.D
 Acq: 4 Oct 2018 19:51

Instrument :
 BNA_E
 ClientSampled :
 TS-05

Tgt Ion: 330 Resp: 948
 Ion Ratio Lower Upper
 330 100
 332 88.9 83.5 125.3
 141 45.5 34.9 52.3

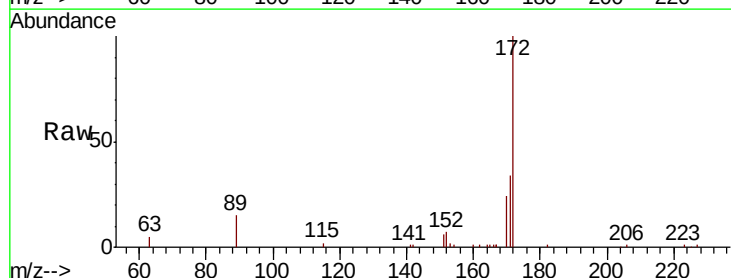


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

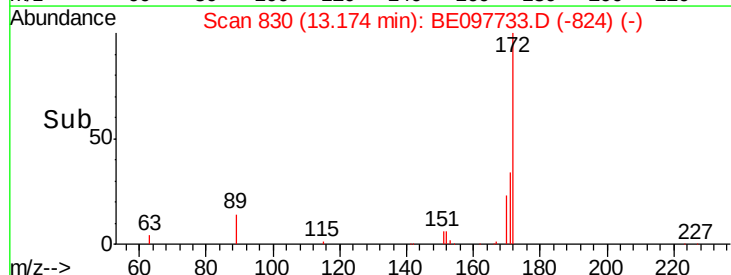
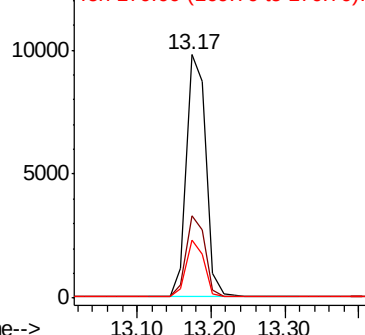


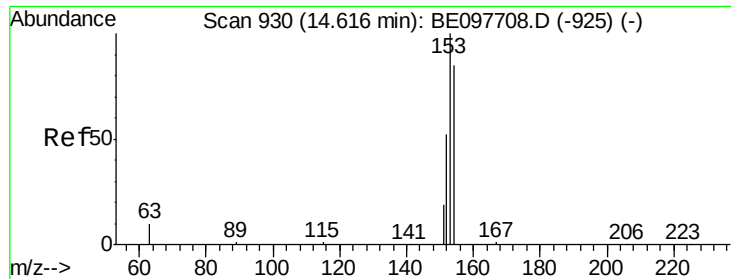
#15
 2-Fluorobiphenyl
 Concen: 0.512 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097733.D
 Acq: 4 Oct 2018 19:51

Tgt Ion: 172 Resp: 18003
 Ion Ratio Lower Upper
 172 100
 171 33.8 25.2 37.8
 170 23.8 16.2 24.2



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





#17

Acenaphthene

Concen: 0.021 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

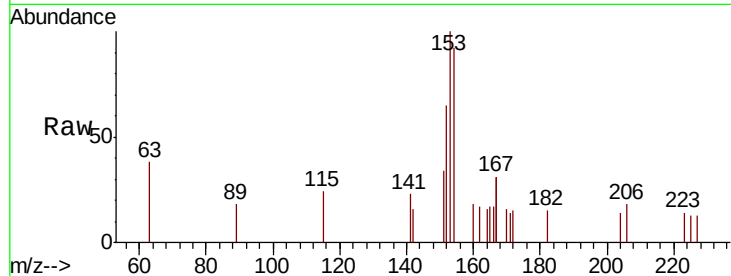
Tgt Ion:154 Resp: 481

Ion Ratio Lower Upper

154 100

153 113.1 93.3 139.9

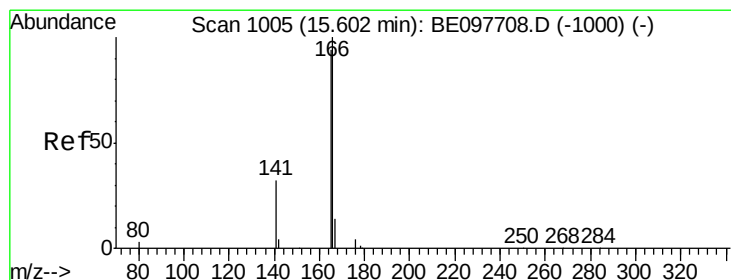
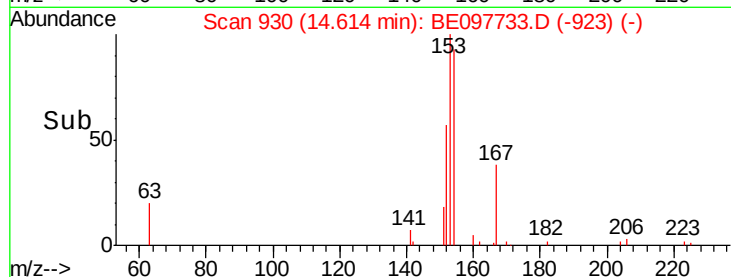
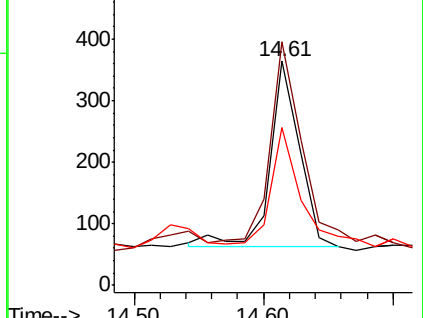
152 59.0 48.9 73.3



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: 0.033 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

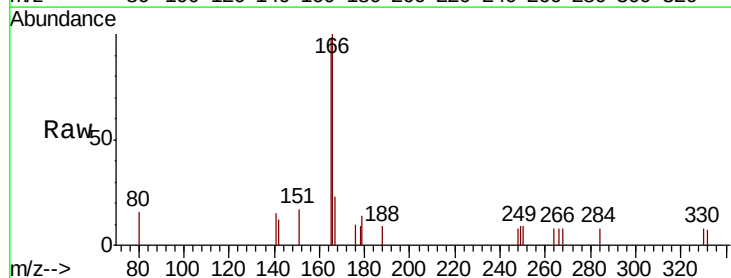
Tgt Ion:166 Resp: 985

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.4

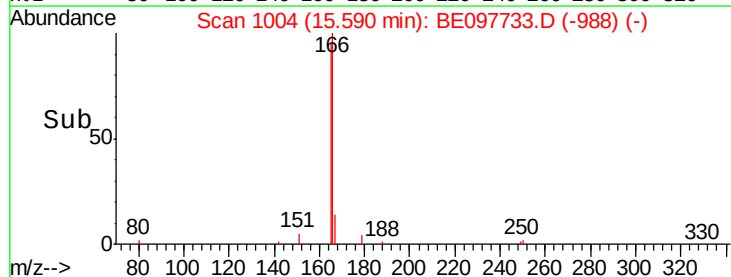
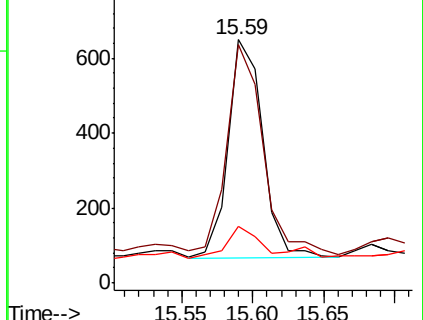
167 17.4 11.1 16.7#

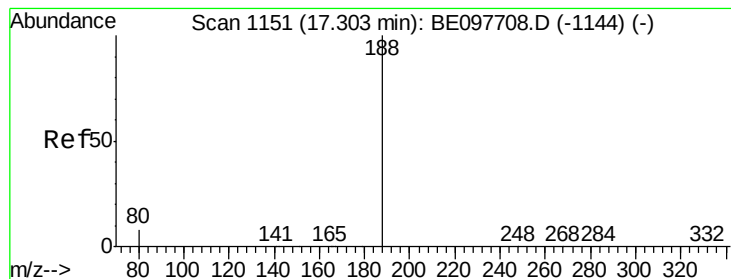


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

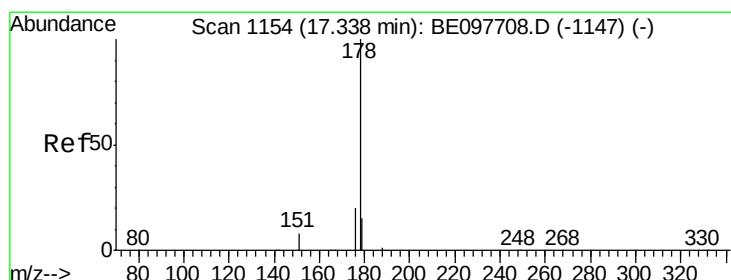
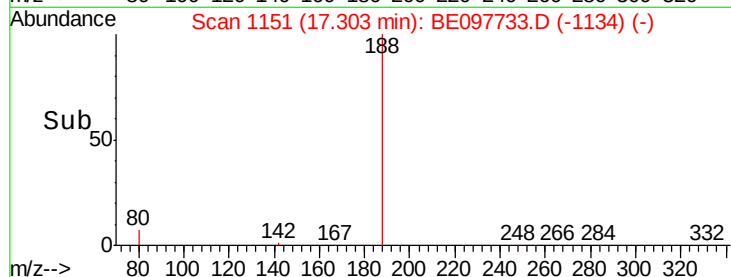
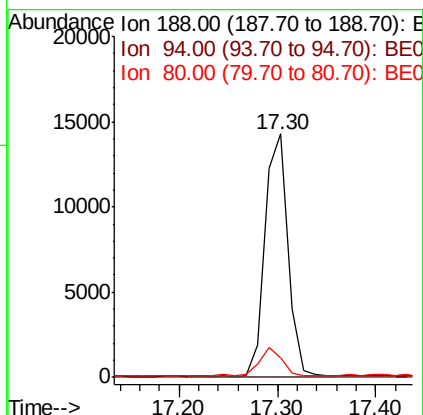
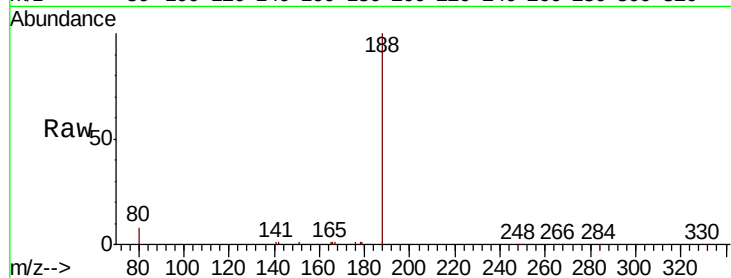
Instrument :

BNA_E

ClientSampleId :

TS-05

Tgt Ion:	188	Resp:	22907
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.6	9.8



#23

Phenanthrene

Concen: 0.064 ng

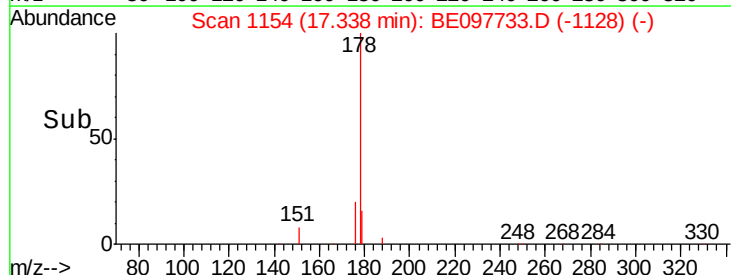
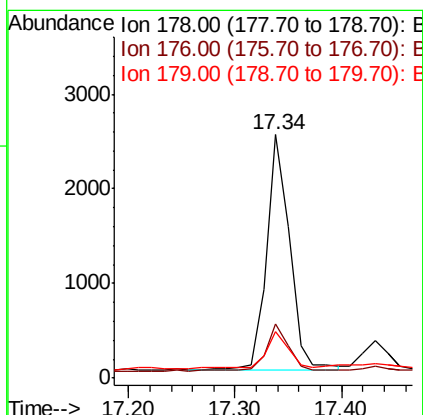
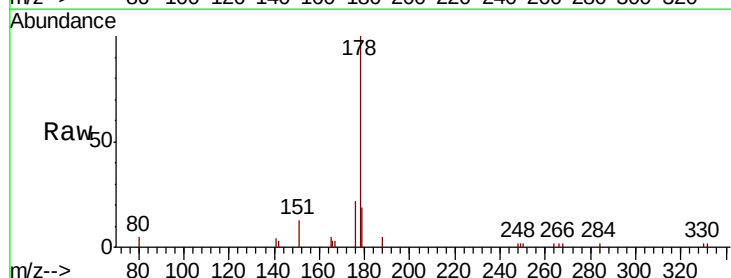
RT: 17.34 min Scan# 1154

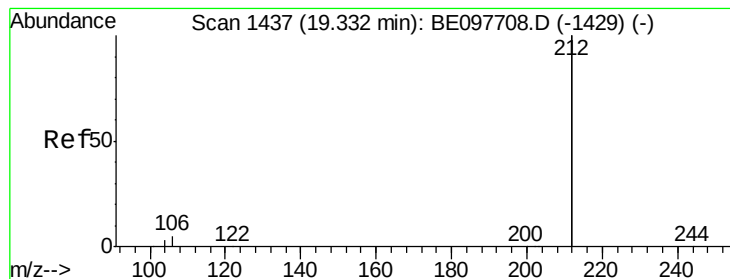
Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Tgt Ion:	178	Resp:	3794
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.7	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.452 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

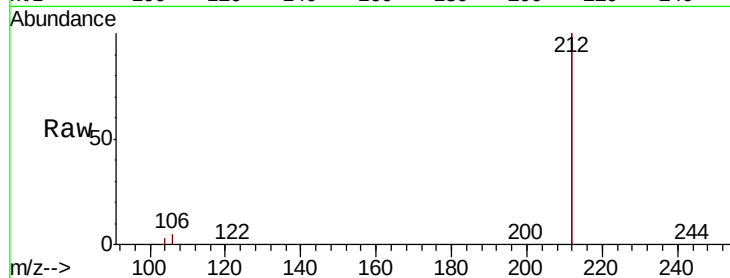
Tgt Ion:212 Resp: 131048

Ion Ratio Lower Upper

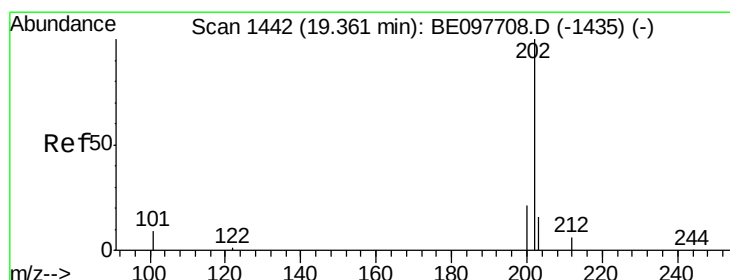
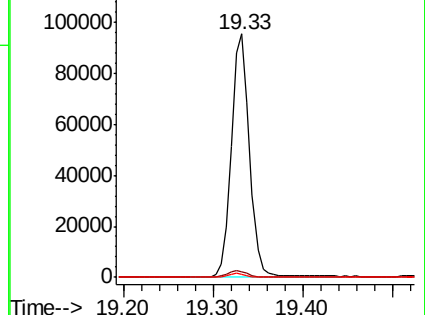
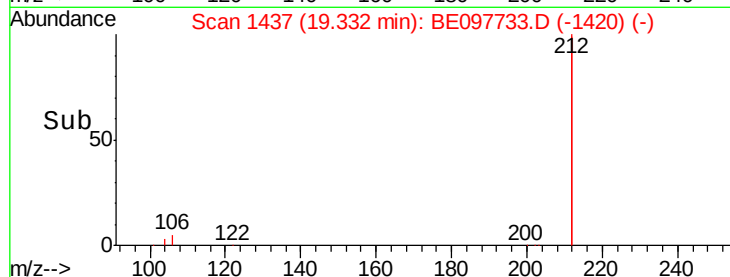
212 100

106 2.8 2.2 3.2

104 1.6 1.2 1.8



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: 0.023 ng

RT: 19.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

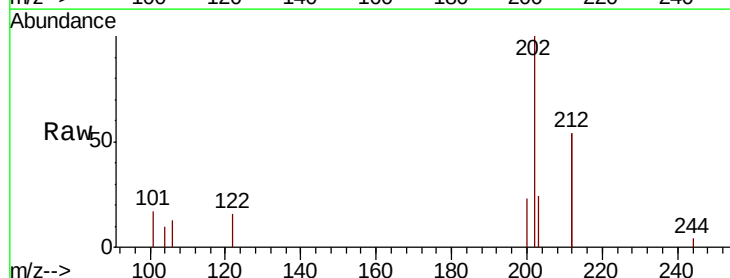
Tgt Ion:202 Resp: 1766

Ion Ratio Lower Upper

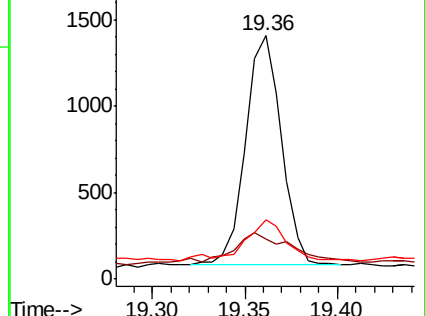
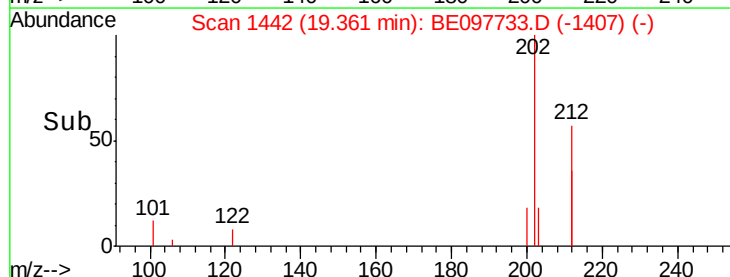
202 100

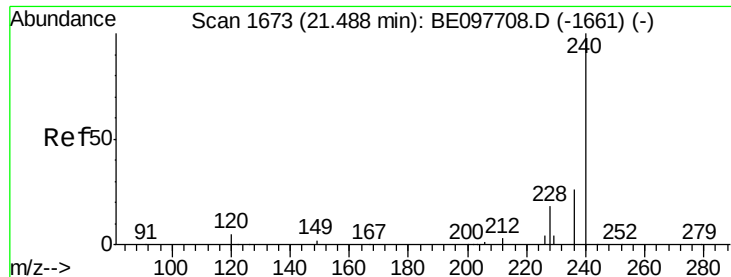
101 24.8 7.8 11.8#

203 19.3 13.8 20.6



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: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

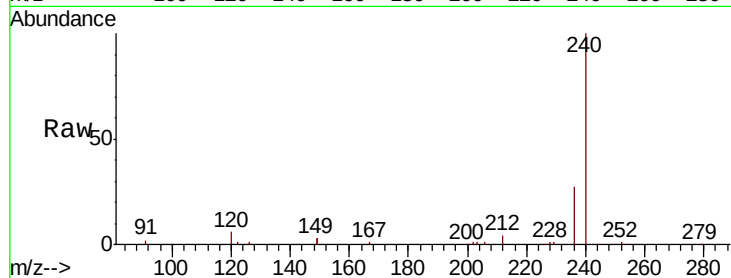
Tgt Ion:240 Resp: 30773

Ion Ratio Lower Upper

240 100

120 5.7 4.7 7.1

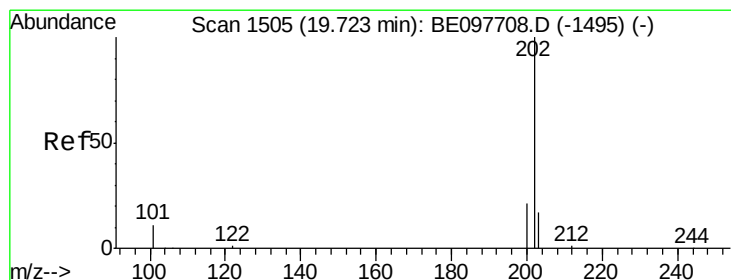
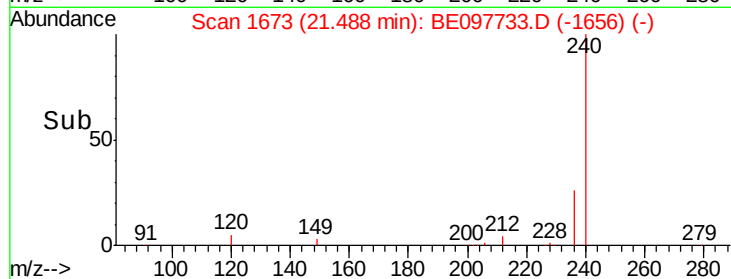
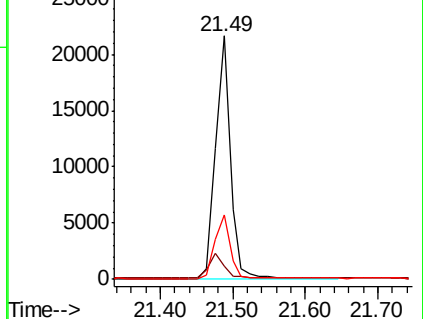
236 26.6 20.8 31.2



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: 0.025 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

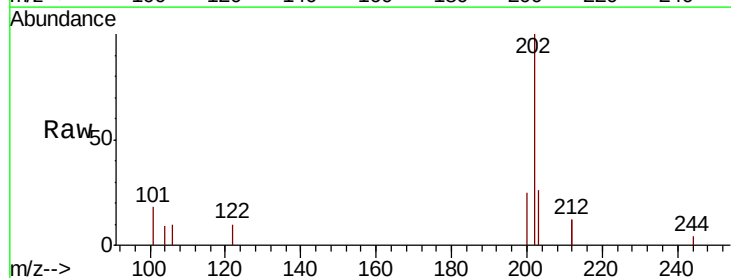
Tgt Ion:202 Resp: 1928

Ion Ratio Lower Upper

202 100

200 22.3 16.7 25.1

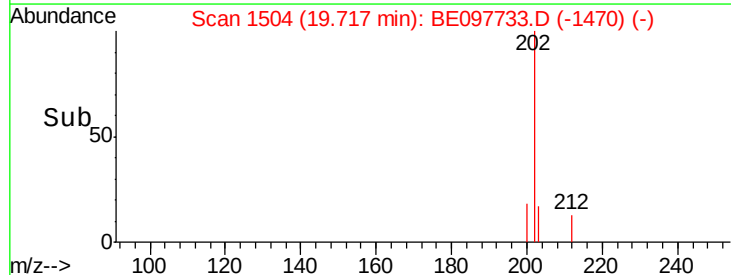
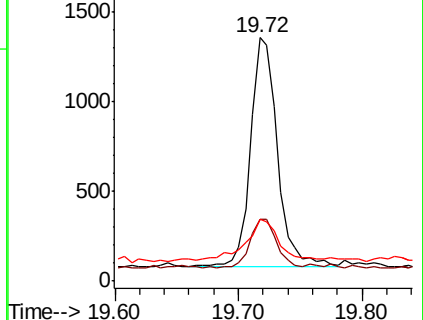
203 21.5 13.9 20.9#

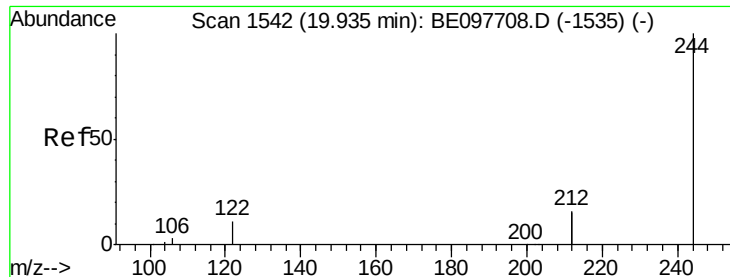


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.467 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

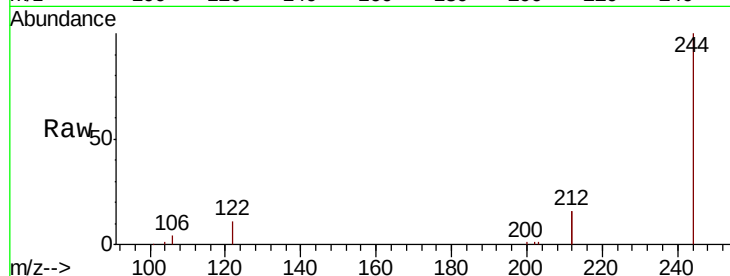
Tgt Ion:244 Resp: 29336

Ion Ratio Lower Upper

244 100

212 32.2 25.8 38.8

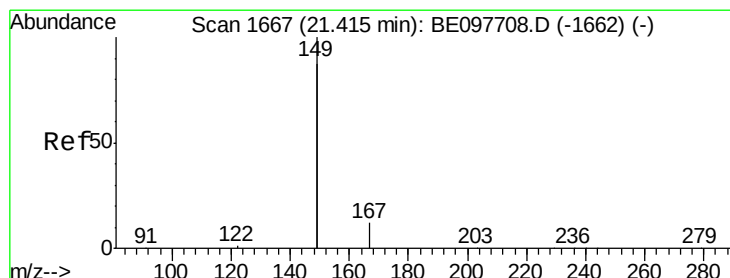
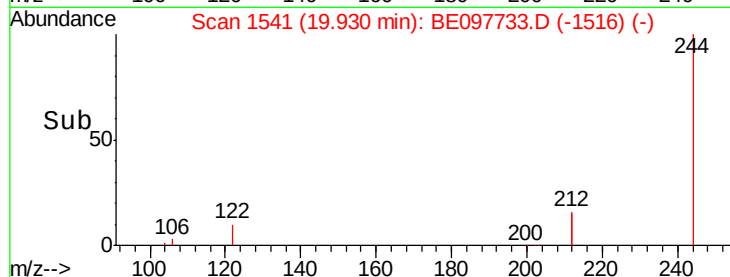
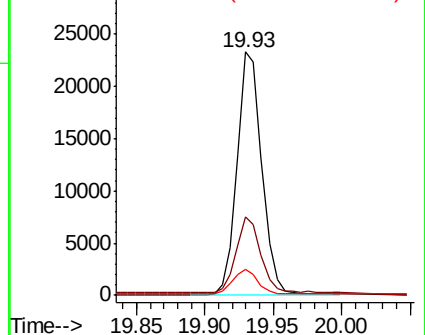
122 10.8 8.7 13.1



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: 0.504 ng

RT: 21.42 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

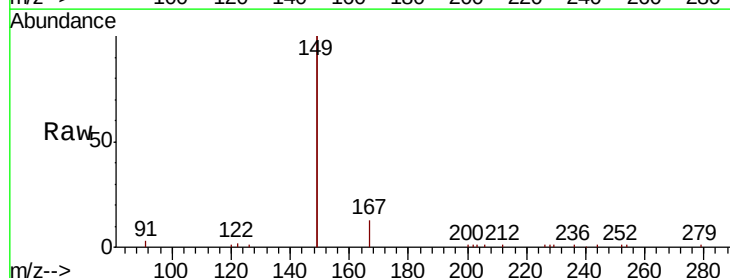
Tgt Ion:149 Resp: 30484

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

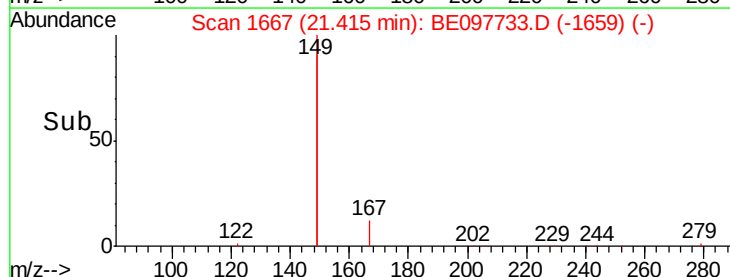
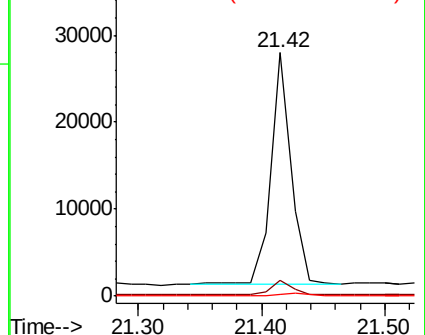
279 1.0 0.9 1.3

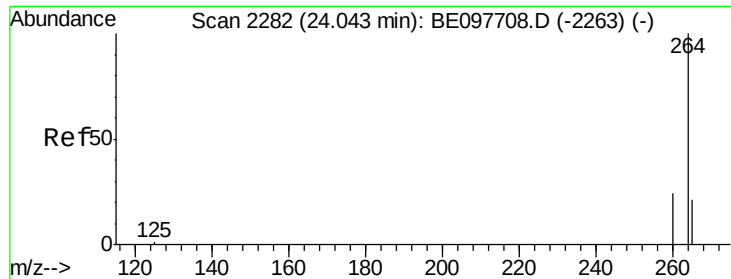


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097733.D

Acq: 4 Oct 2018 19:51

Instrument :

BNA_E

ClientSampleId :

TS-05

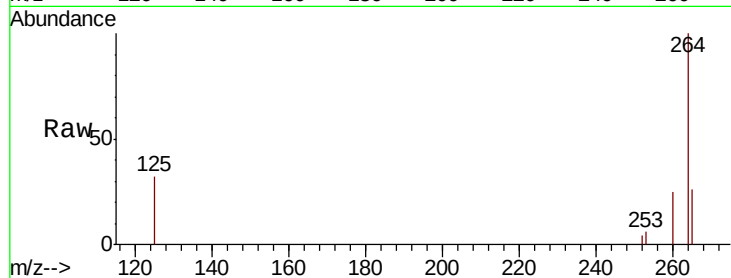
Tgt Ion:264 Resp: 30195

Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

265 25.9 21.9 32.9



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

