

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097959.D
 Acq On : 17 Oct 2018 22:34
 Operator : SJ/JU
 Sample : J5521-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC4-01

Quant Time: Oct 18 11:08:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

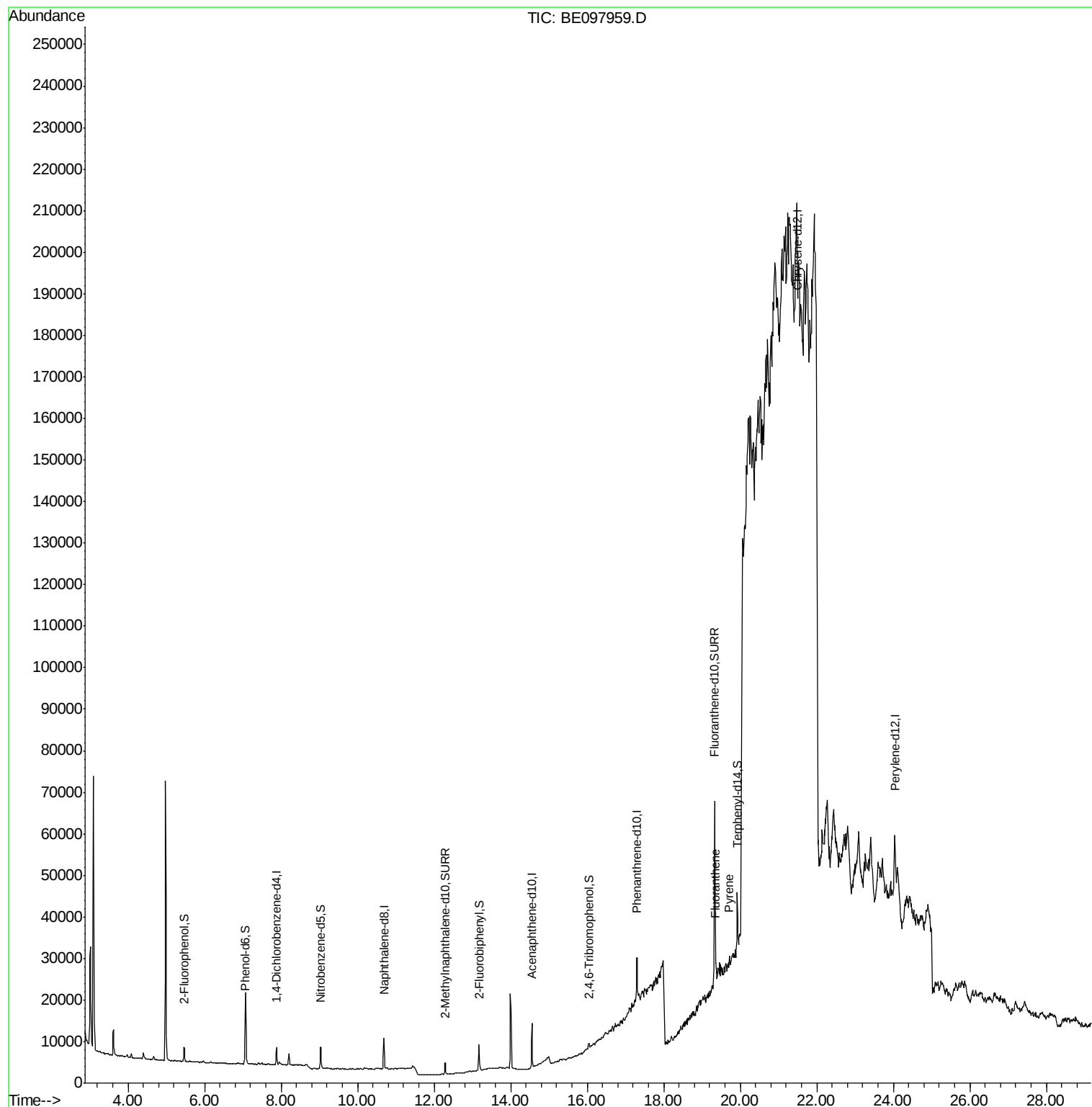
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1962	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8993	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6506	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	16724	0.40	ng	0.00
27) Chrysene-d12	21.49	240	18715	0.40	ng	0.00
34) Perylene-d12	24.04	264	19502	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1780	0.29	ng	0.00
5) Phenol-d6	7.06	99	2751	0.30	ng	0.00
8) Nitrobenzene-d5	9.04	82	2291	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4216	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	724	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	6248	0.24	ng	0.00
25) Fluoranthene-d10	19.33	212	58138	0.26	ng	0.00
29) Terphenyl-d14	19.92	244	11880	0.28	ng	0.00
Target Compounds						
26) Fluoranthene	19.36	202	1584	0.028	ng	# 49
28) Pyrene	19.72	202	1421	0.026	ng	# 55

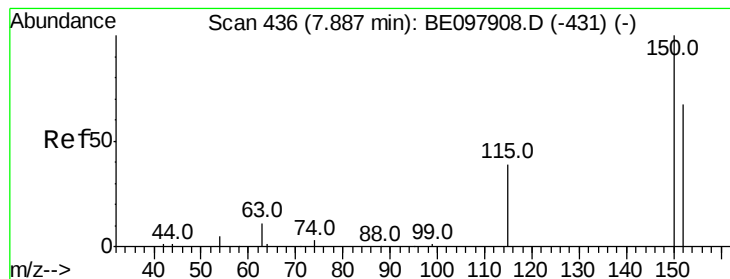
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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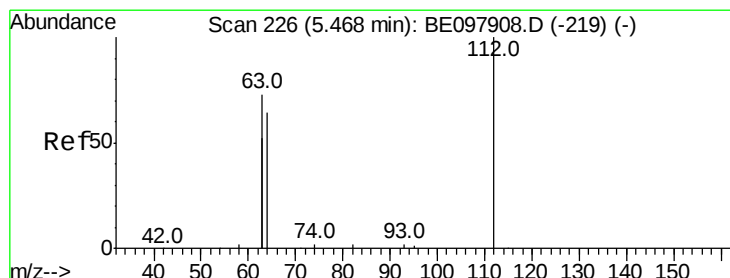
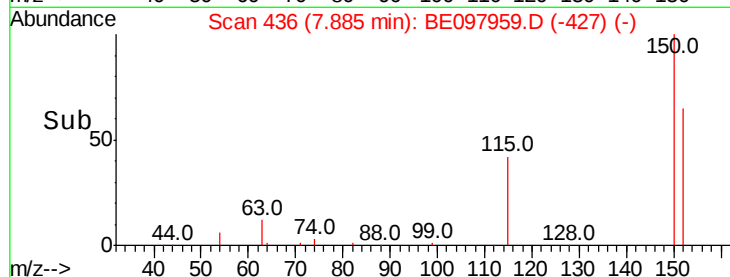
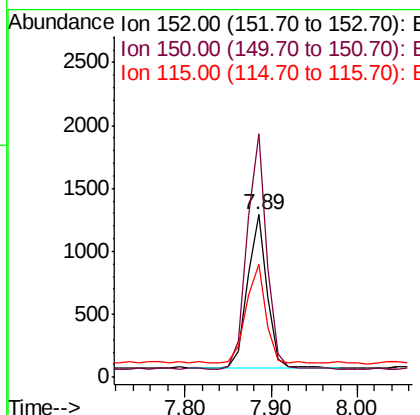
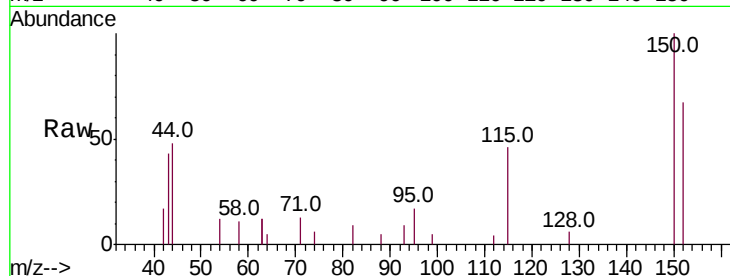


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BE097959.D
 Acq: 17 Oct 2018 22:34

Instrument :
 BNA_E
 ClientSampleId :
 AOC4-01

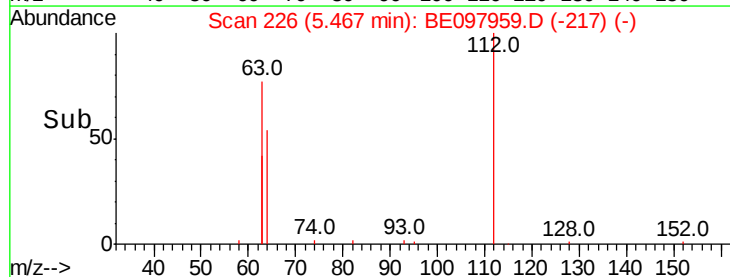
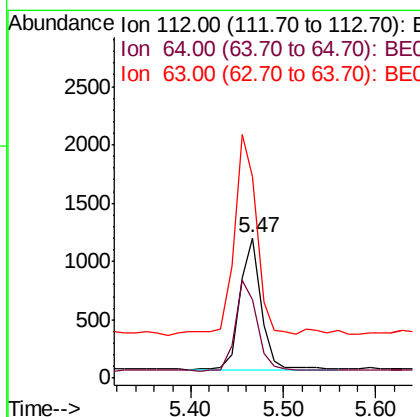
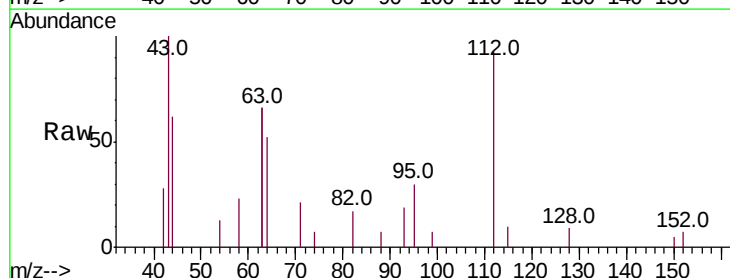
Tot Ion:152 Resp: 1962
 Ion Ratio Lower Upper
 152 100
 150 149.9 118.2 177.4
 115 69.3 50.9 76.3

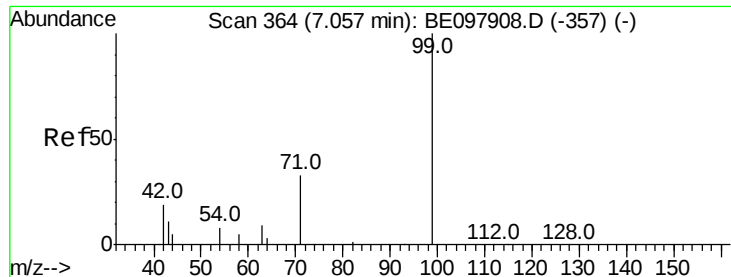


#4

2-Fluorophenol
 Concen: 0.288 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE097959.D
 Acq: 17 Oct 2018 22:34

Tgt Ion:112 Resp: 1780
 Ion Ratio Lower Upper
 112 100
 64 73.0 58.9 88.3
 63 158.3 120.3 180.5





#5

Phenol-d6

Concen: 0.301 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

Instrument :

BNA_E

ClientSampleId :

AOC4-01

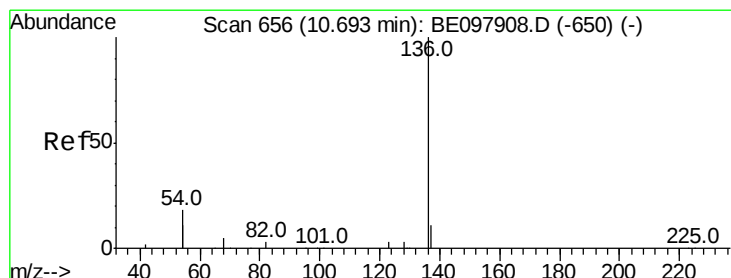
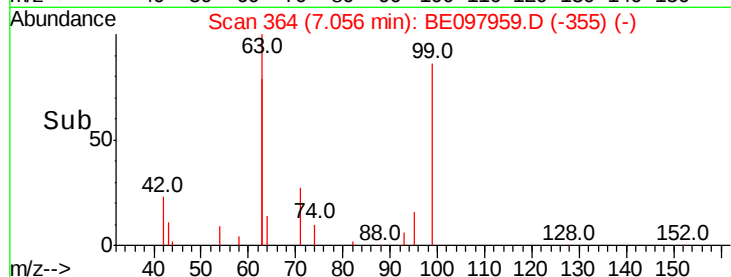
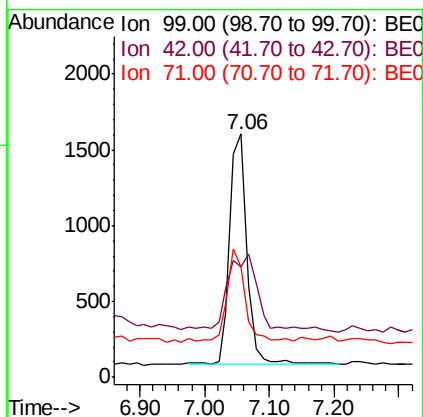
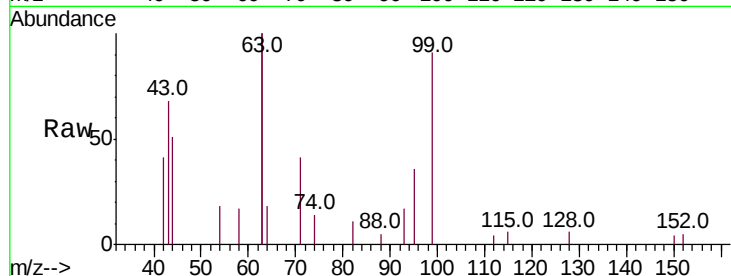
Tot Ion: 99 Resp: 2751

Ion Ratio Lower Upper

99 100

42 60.8 19.9 29.9#

71 0.0 27.8 41.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

Tgt Ion: 136 Resp: 8993

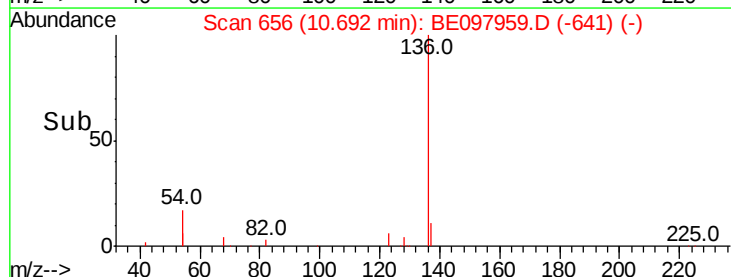
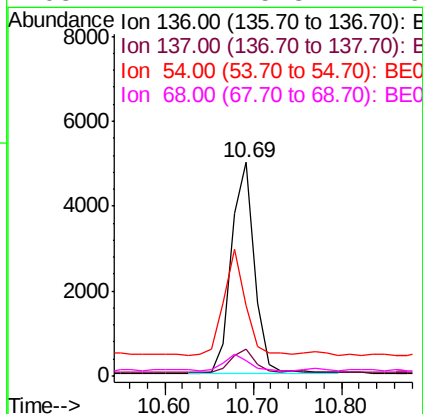
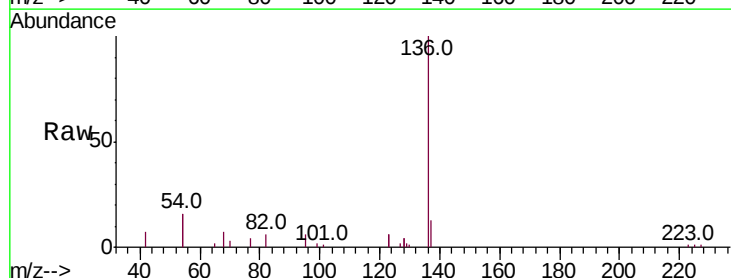
Ion Ratio Lower Upper

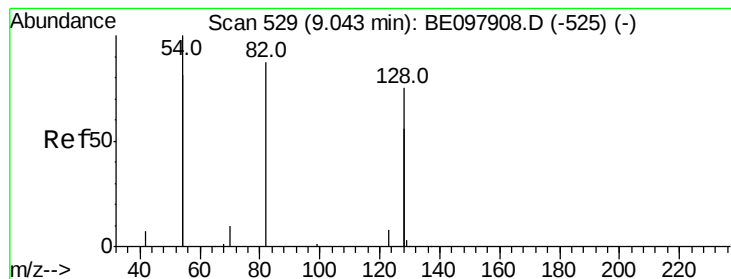
136 100

137 12.7 9.6 14.4

54 32.8 27.7 41.5

68 7.1 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.269 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

Instrument :

BNA_E

ClientSampleId :

AOC4-01

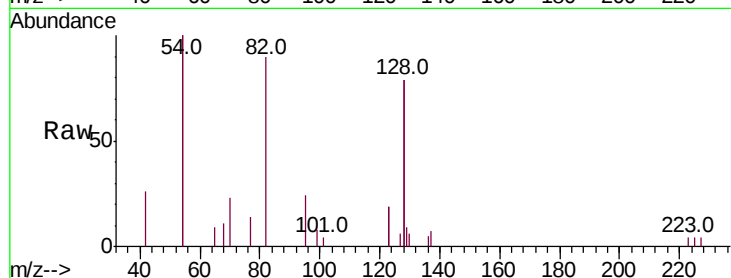
Tot Ion: 82 Resp: 2291

Ion Ratio Lower Upper

82 100

128 177.2 129.9 194.9

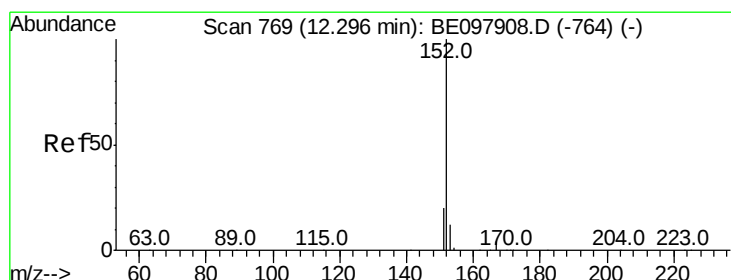
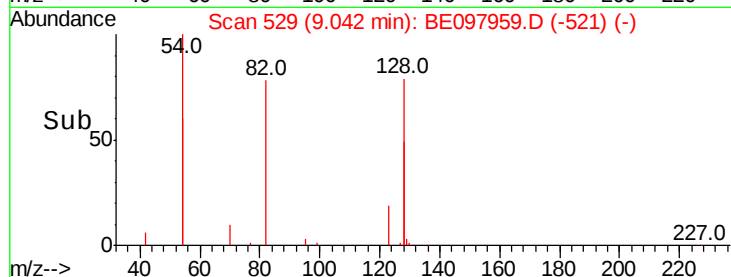
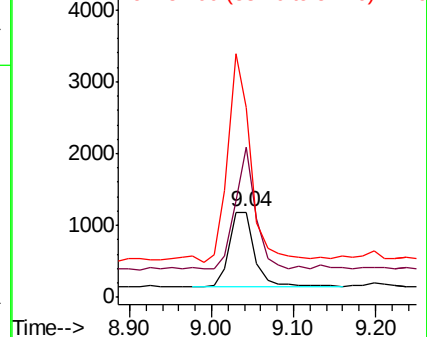
54 223.0 174.0 261.0



Abundance Ion 82.00 (81.70 to 82.70): BE097908.D (-525) (-)

Ion 128.00 (127.70 to 128.70): BE097908.D (-525) (-)

Ion 54.00 (53.70 to 54.70): BE097908.D (-525) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.282 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097959.D

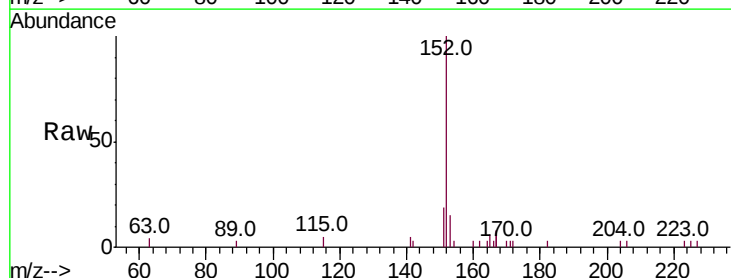
Acq: 17 Oct 2018 22:34

Tgt Ion: 152 Resp: 4216

Ion Ratio Lower Upper

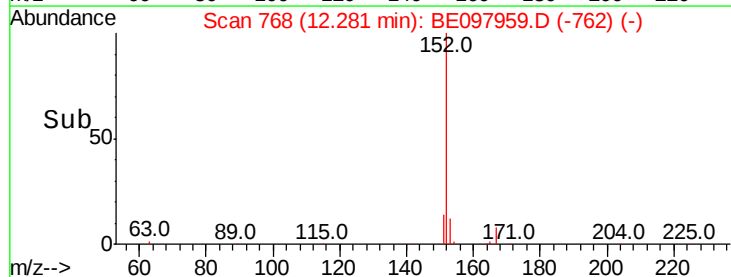
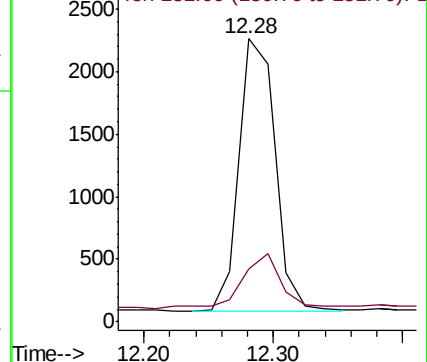
152 100

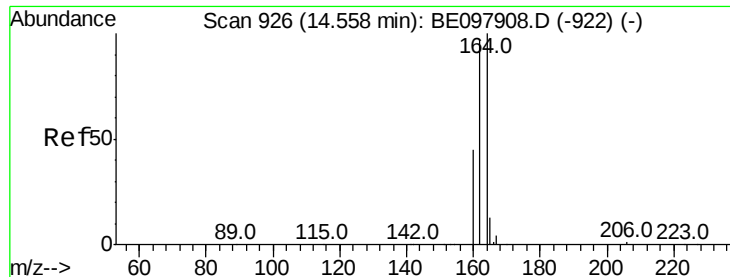
151 19.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097908.D (-764) (-)

Ion 151.00 (150.70 to 151.70): BE097908.D (-764) (-)

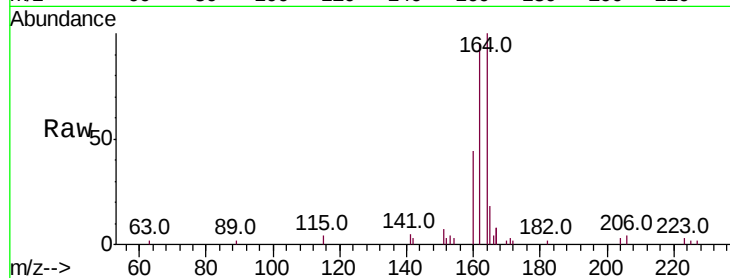




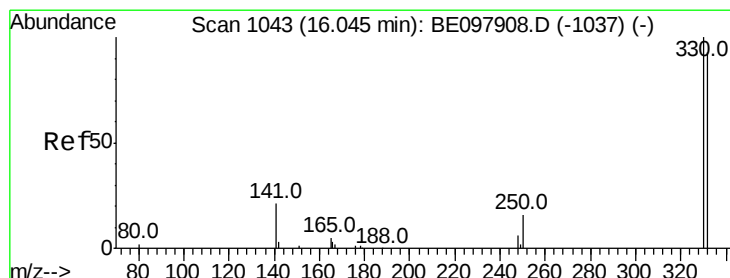
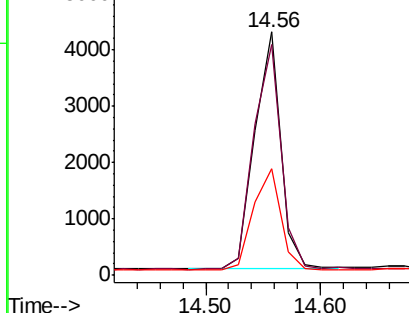
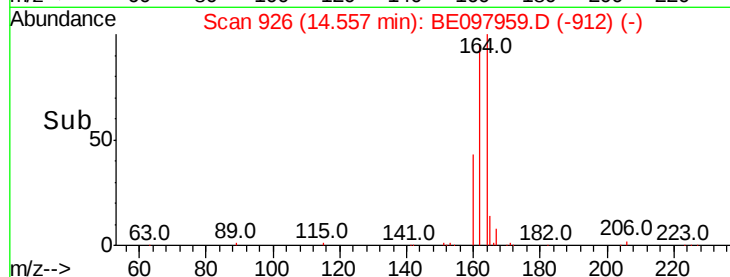
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097959.D
 Acq: 17 Oct 2018 22:34

Instrument :
 BNA_E
 ClientSampleId :
 AOC4-01

Tot Ion:164 Resp: 6506
 Ion Ratio Lower Upper
 164 100
 162 94.9 77.4 116.2
 160 43.7 36.5 54.7

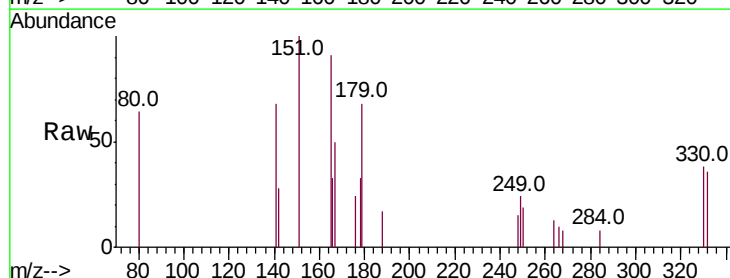


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

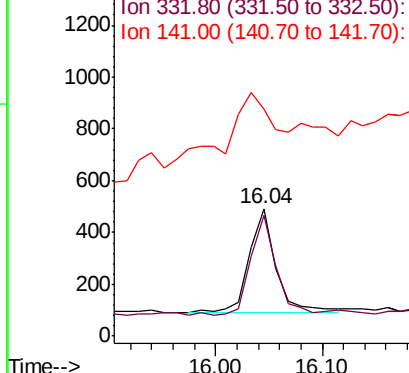
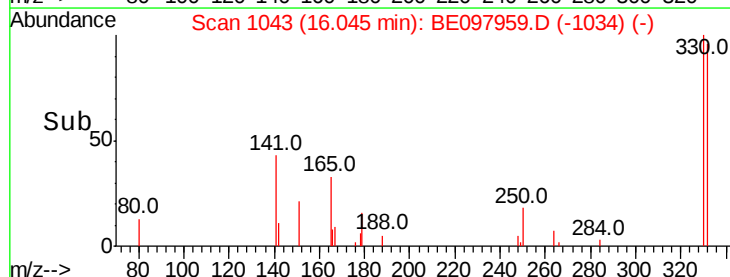


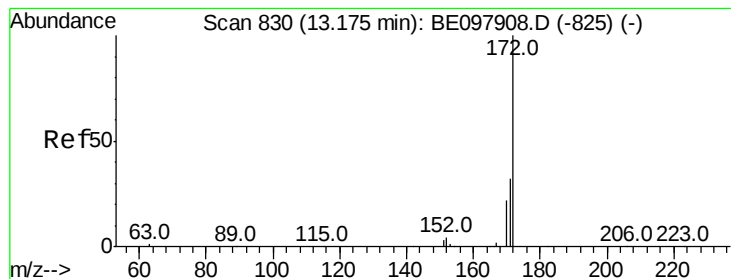
#14
 2,4,6-Tribromophenol
 Concen: 0.207 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097959.D
 Acq: 17 Oct 2018 22:34

Tgt Ion:330 Resp: 724
 Ion Ratio Lower Upper
 330 100
 332 92.4 76.5 114.7
 141 94.8 31.8 47.6#



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

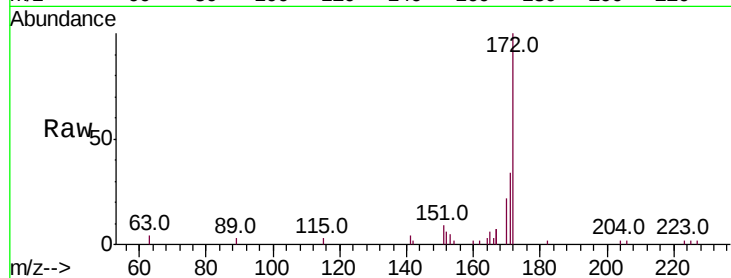




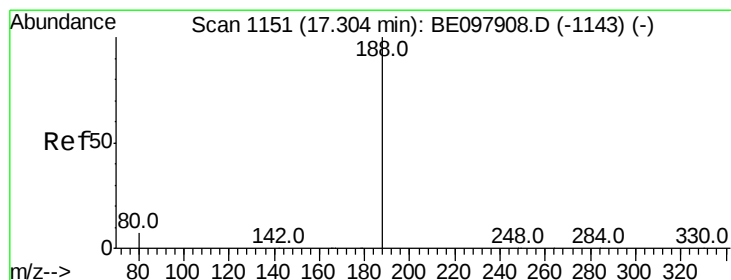
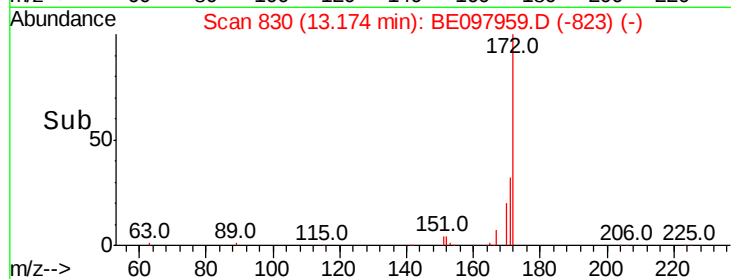
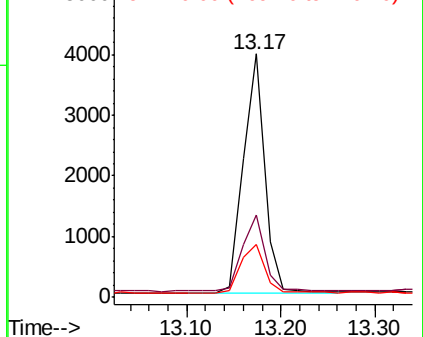
#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097959.D
Acq: 17 Oct 2018 22:34

Instrument :
BNA_E
ClientSampleId :
AOC4-01

Tot Ion:172 Resp: 6248
Ion Ratio Lower Upper
172 100
171 33.7 26.0 39.0
170 21.6 18.0 27.0

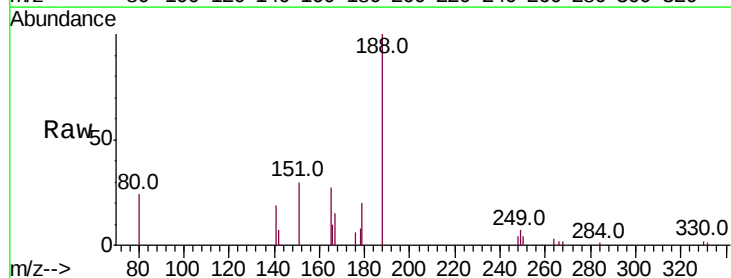


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

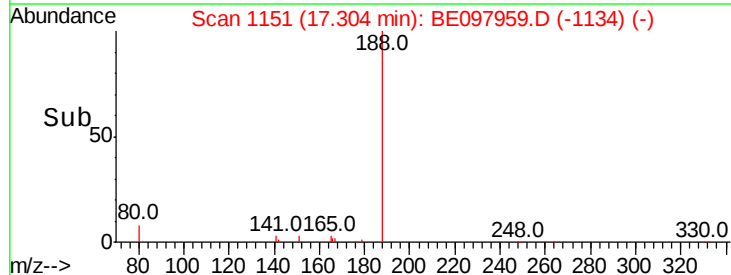
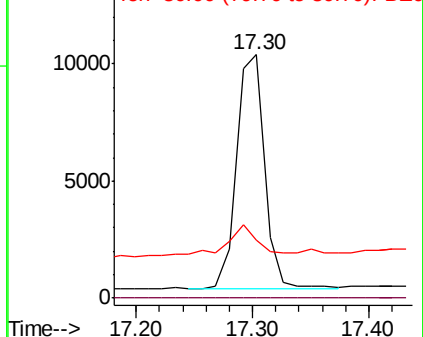


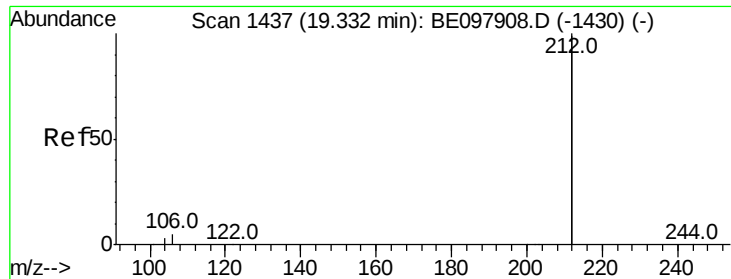
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097959.D
Acq: 17 Oct 2018 22:34

Tgt Ion:188 Resp: 16724
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 23.8 6.3 9.5#



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





#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

Instrument :

BNA_E

ClientSampleId :

AOC4-01

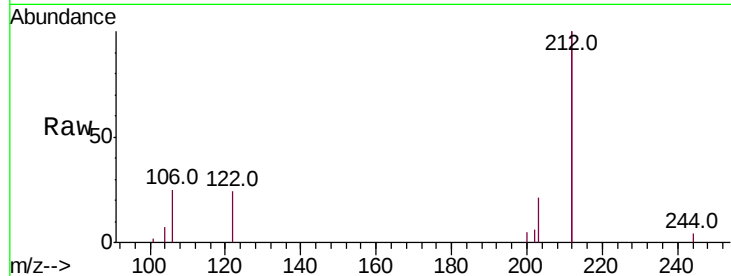
Tot Ion:212 Resp: 58138

Ion Ratio Lower Upper

212 100

106 5.8 2.3 3.5#

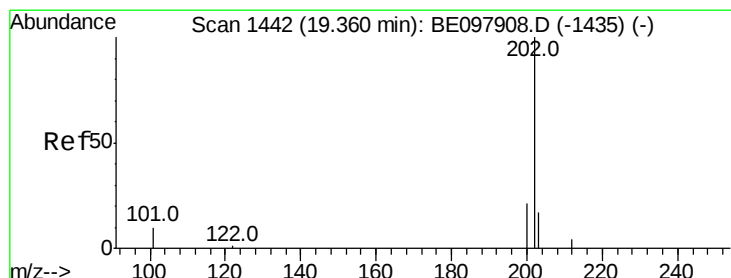
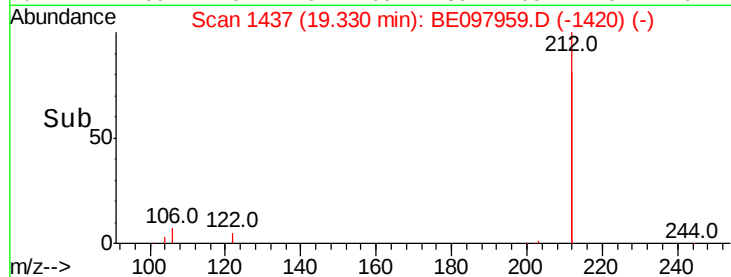
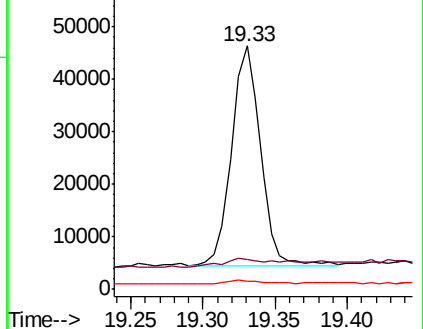
104 3.1 1.3 1.9#



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: 0.028 ng

RT: 19.36 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

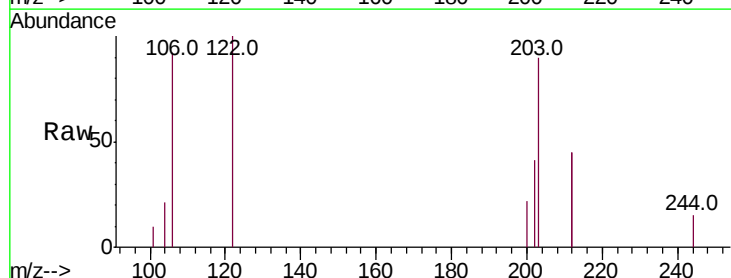
Tgt Ion:202 Resp: 1584

Ion Ratio Lower Upper

202 100

101 13.8 8.2 12.2#

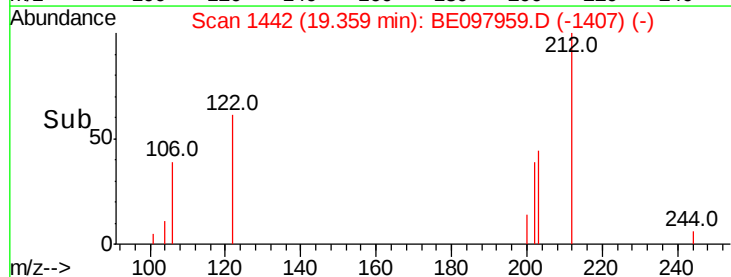
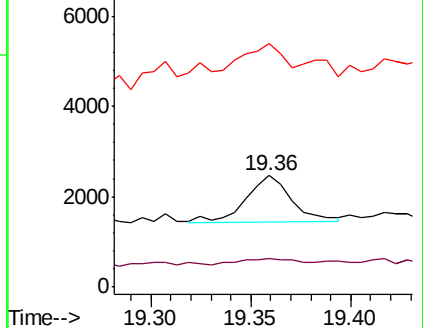
203 51.5 15.0 22.4#

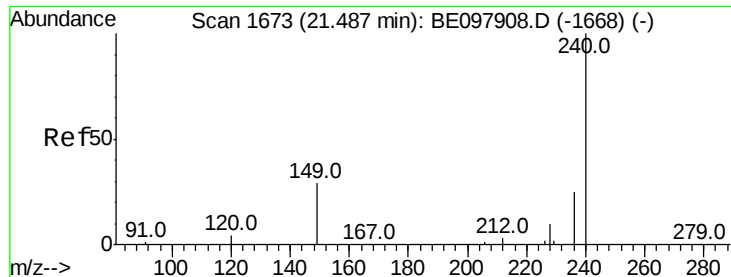


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097959.D

Acq: 17 Oct 2018 22:34

Instrument :

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AOC4-01

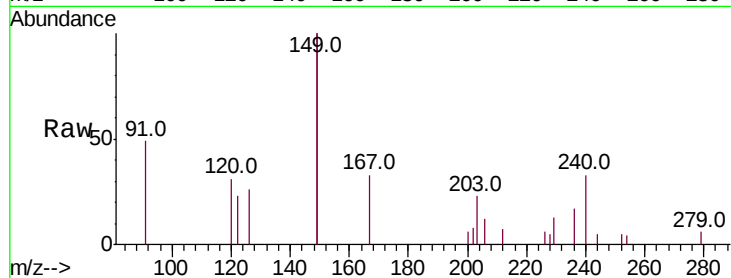
Tot Ion:240 Resp: 18715

Ion Ratio Lower Upper

240 100

120 93.3 7.1 10.7#

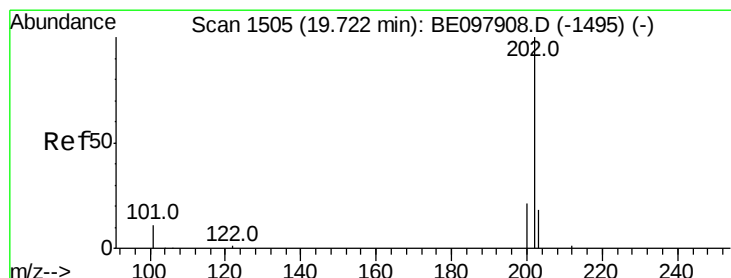
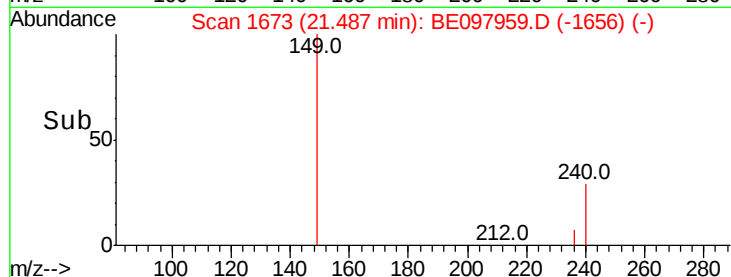
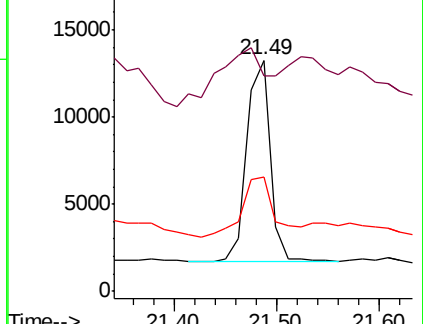
236 49.5 21.3 31.9#



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: 0.026 ng

RT: 19.72 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

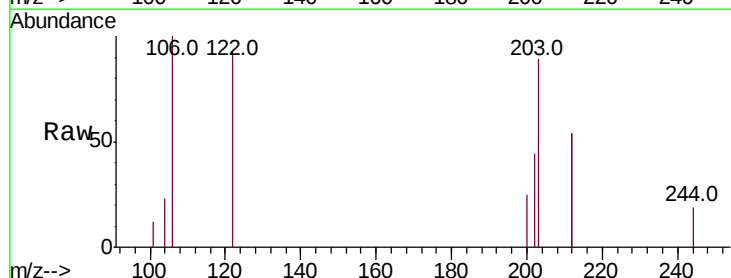
Tgt Ion:202 Resp: 1421

Ion Ratio Lower Upper

202 100

200 34.4 17.0 25.4#

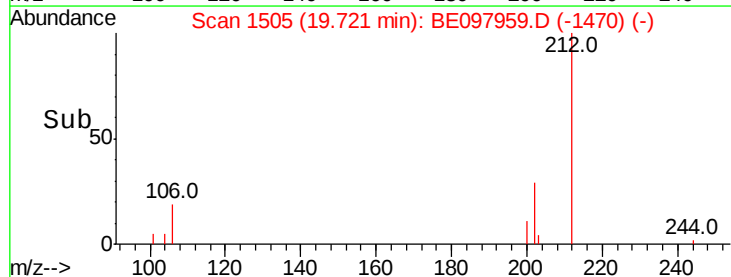
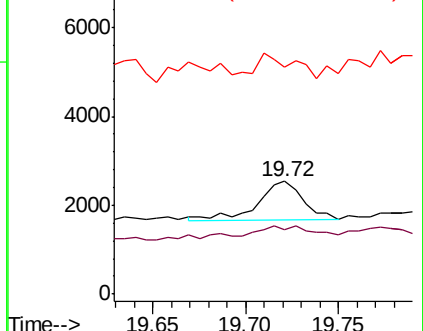
203 46.9 14.2 21.4#

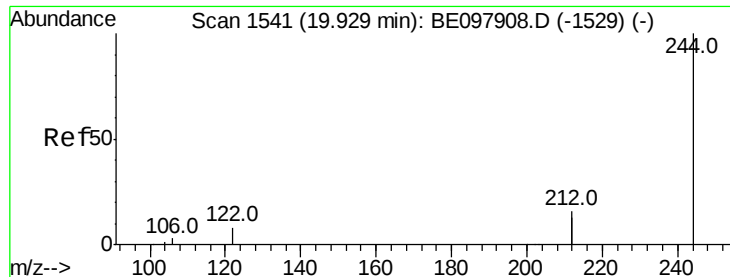


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.277 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

Instrument :

BNA_E

ClientSampleId :

AOC4-01

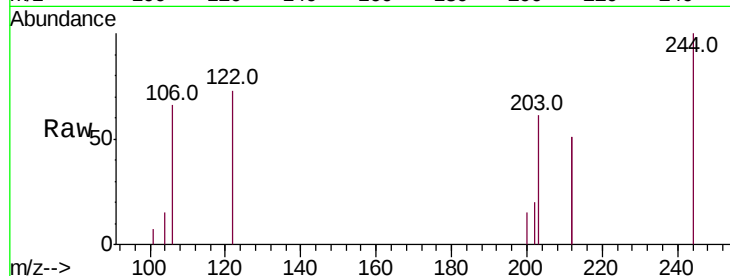
Tot Ion:244 Resp: 11880

Ion Ratio Lower Upper

244 100

212 101.6 26.2 39.2#

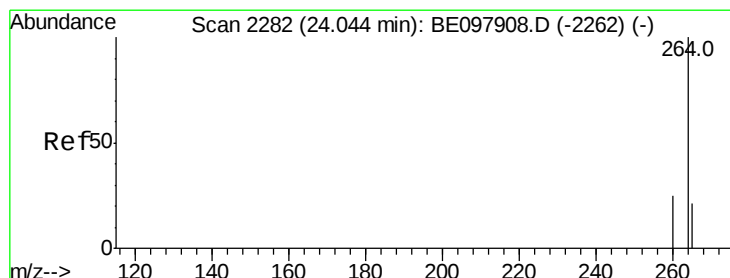
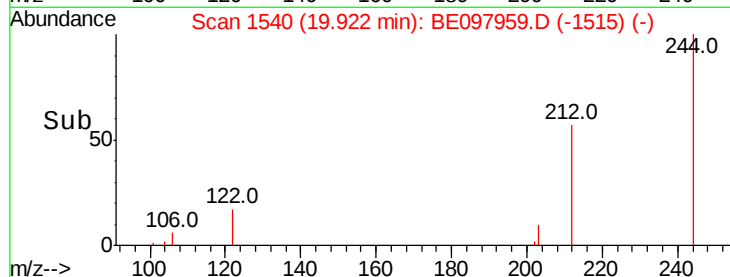
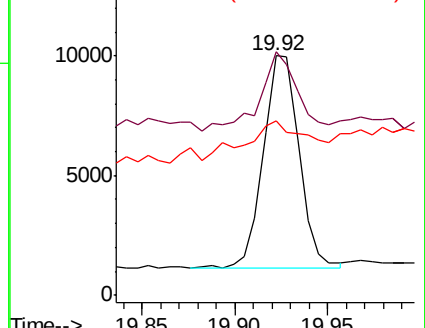
122 73.0 7.7 11.5#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097959.D

Acq: 17 Oct 2018 22:34

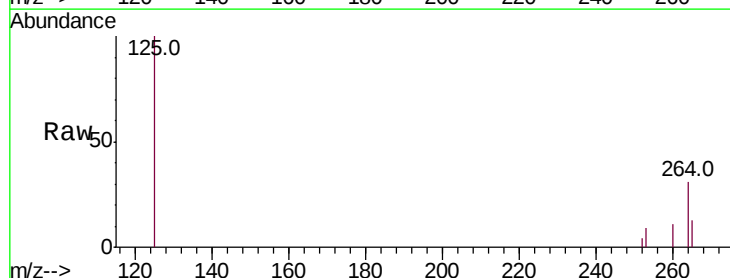
Tgt Ion:264 Resp: 19502

Ion Ratio Lower Upper

264 100

260 34.7 21.1 31.7#

265 42.5 29.2 43.8



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

