

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097918.D
 Acq On : 16 Oct 2018 20:07
 Operator : SJ/JU
 Sample : J5393-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 17 07:04:24 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

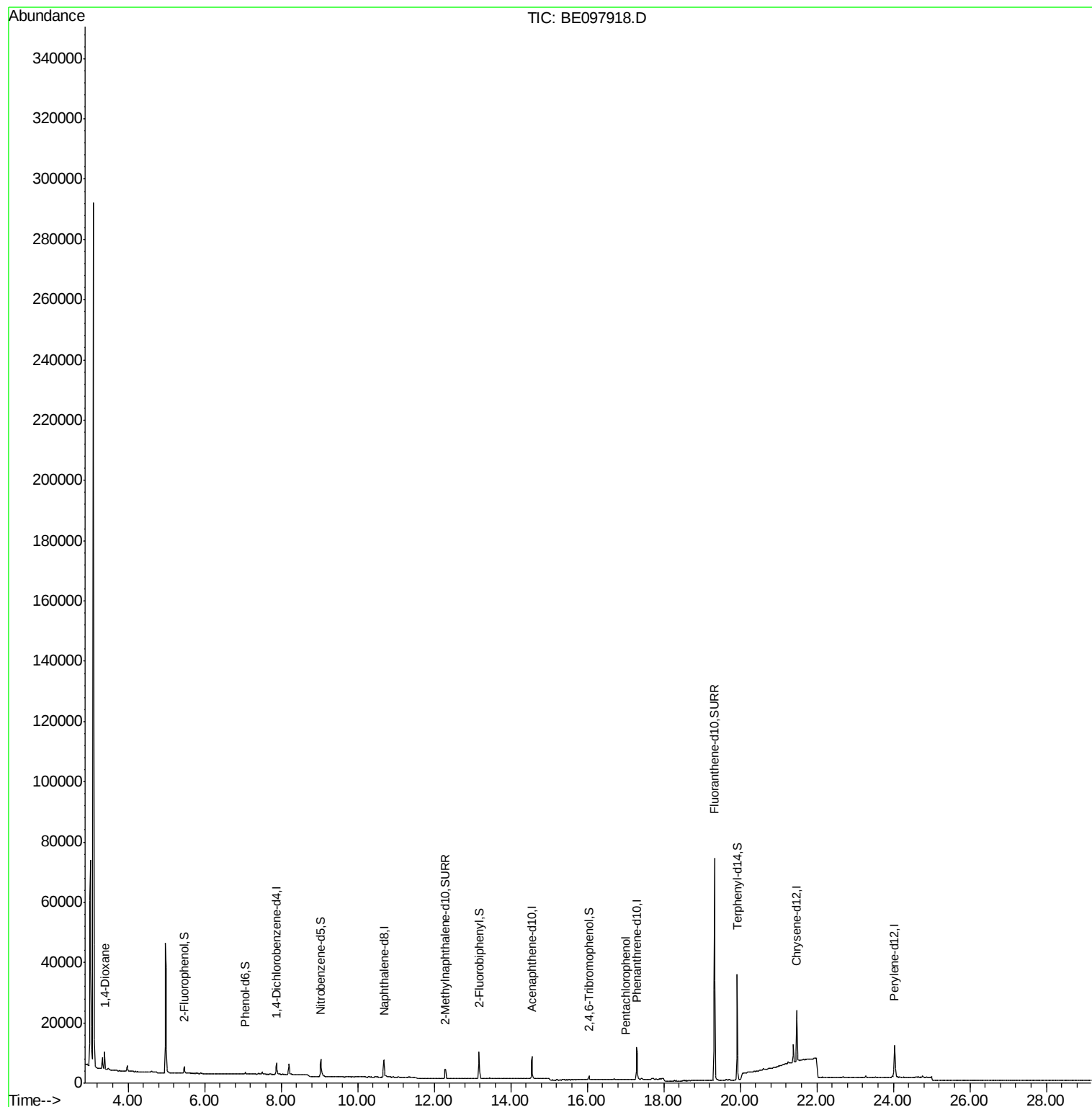
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1806	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7597	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5096	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	15592	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	19090	0.40	ng	-0.01
34) Perylene-d12	24.03	264	15954	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1100	0.19	ng	0.00
5) Phenol-d6	7.06	99	846	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	2946	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5280	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	858	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	8961	0.43	ng	0.00
25) Fluoranthene-d10	19.33	212	96375	0.46	ng	0.00
29) Terphenyl-d14	19.92	244	31583	0.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	3422	1.087	ng	97
22) Pentachlorophenol	17.01	266	20	0.040	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.39	149	6903	Below Cal	#	98
33) Indeno(1,2,3-cd)pyrene	26.72	276	18	Below Cal	#	18

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

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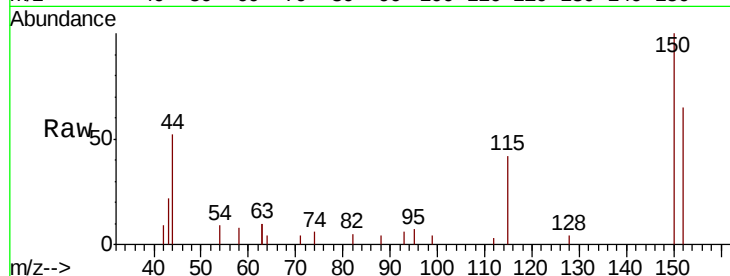


#1

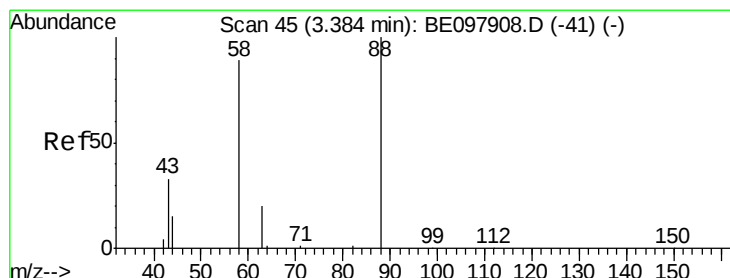
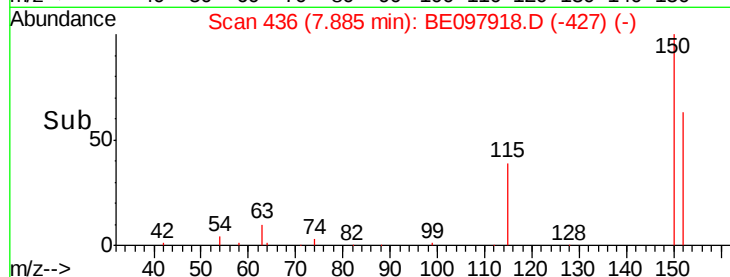
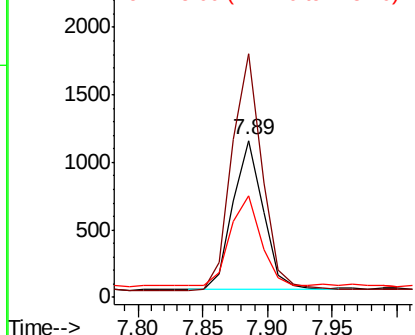
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097918.D
Acq: 16 Oct 2018 20:07

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1806
Ion Ratio Lower Upper
152 100
150 154.8 118.2 177.4
115 65.0 50.9 76.3



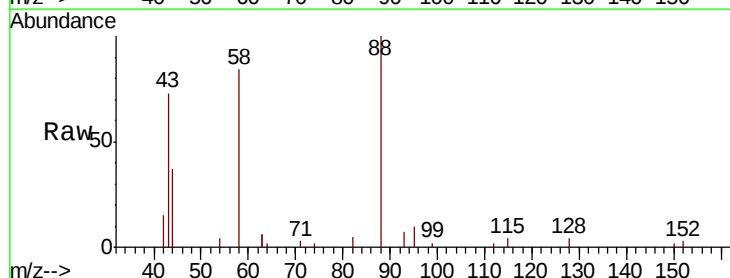
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



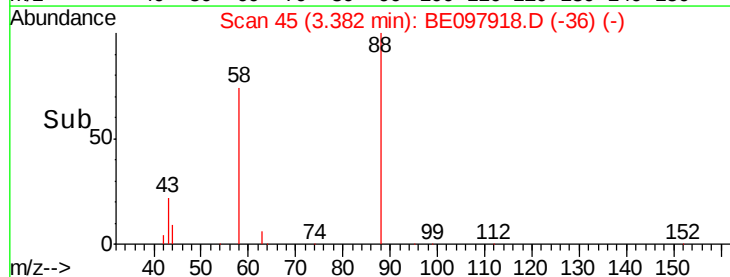
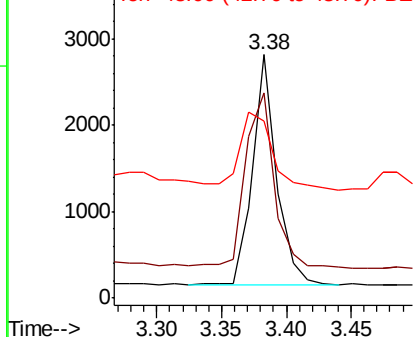
#2

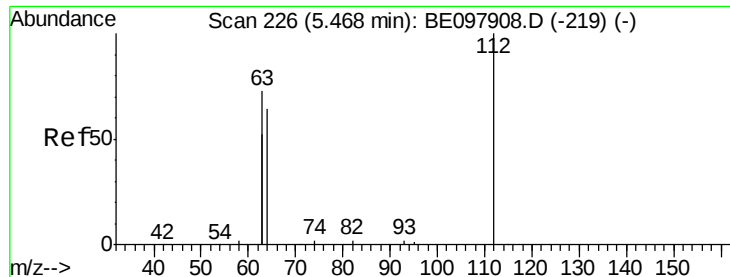
1,4-Dioxane
Concen: 1.087 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097918.D
Acq: 16 Oct 2018 20:07

Tgt Ion: 88 Resp: 3422
Ion Ratio Lower Upper
88 100
58 88.1 73.2 109.8
43 47.4 36.9 55.3



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: 0.193 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

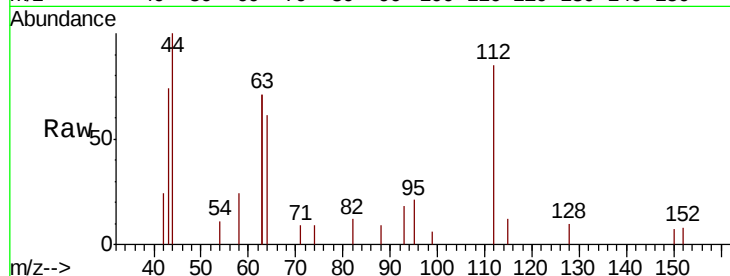
Tot Ion: 112 Resp: 1100

Ion Ratio Lower Upper

112 100

64 74.5 58.9 88.3

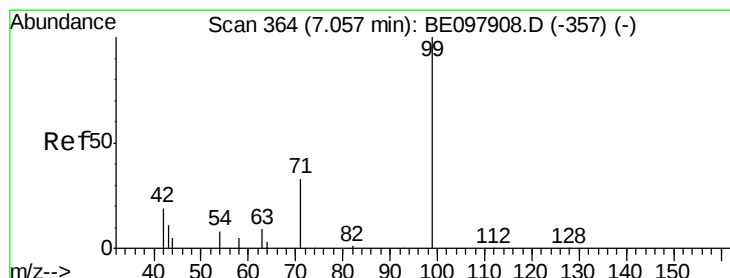
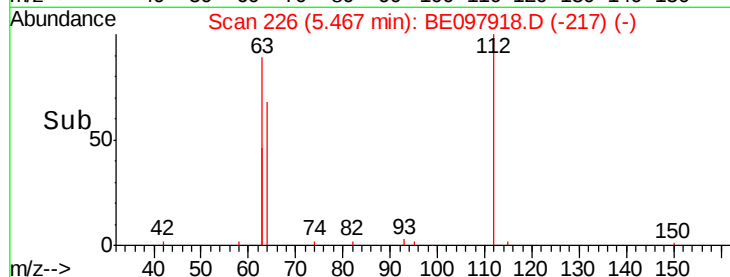
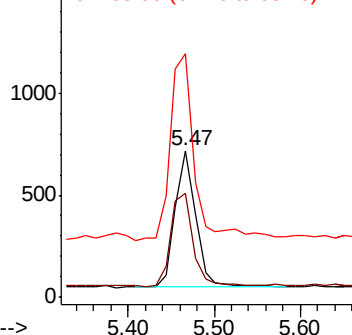
63 167.2 120.3 180.5



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: 0.101 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

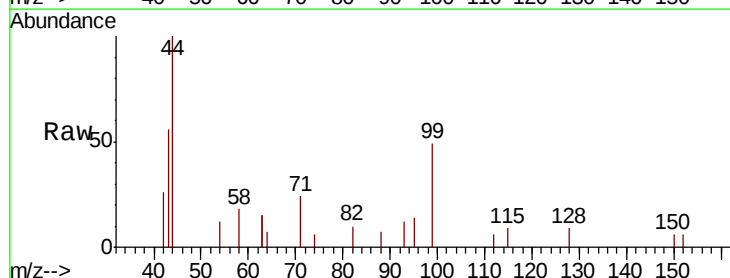
Tgt Ion: 99 Resp: 846

Ion Ratio Lower Upper

99 100

42 27.9 19.9 29.9

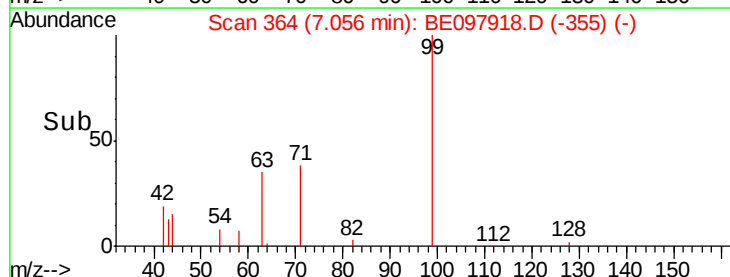
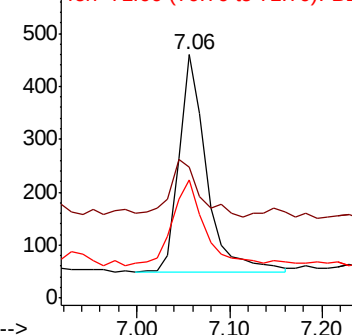
71 45.7 27.8 41.8#

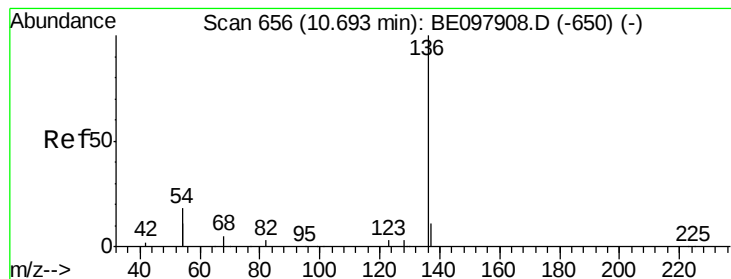


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7597

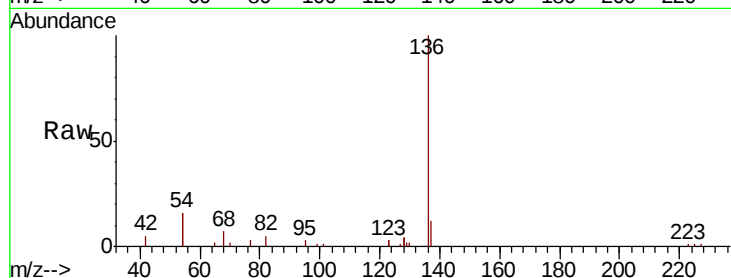
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 32.9 27.7 41.5

68 6.9 5.3 7.9

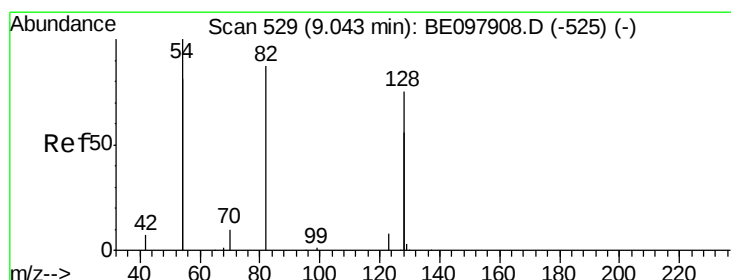
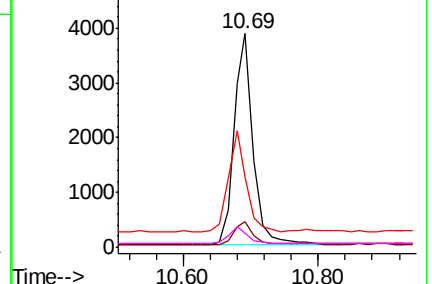
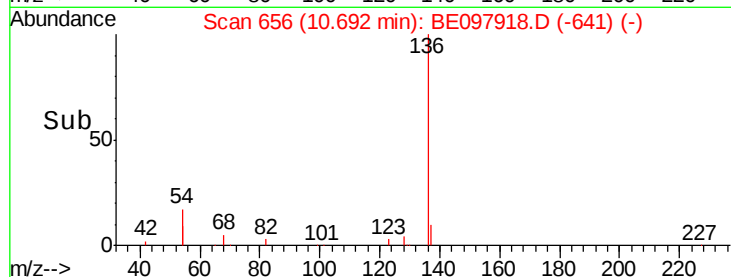


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

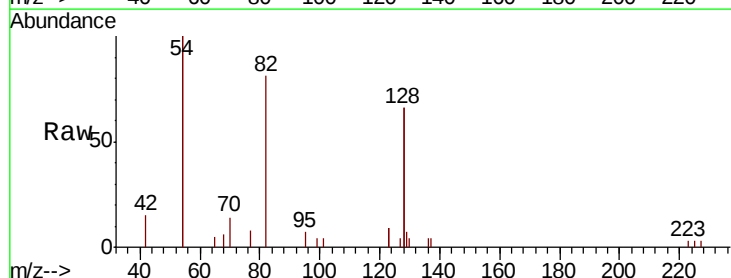
Tgt Ion: 82 Resp: 2946

Ion Ratio Lower Upper

82 100

128 161.9 129.9 194.9

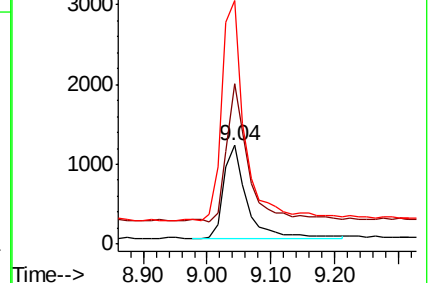
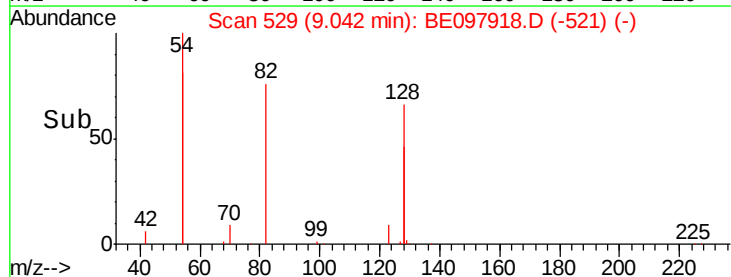
54 246.5 174.0 261.0

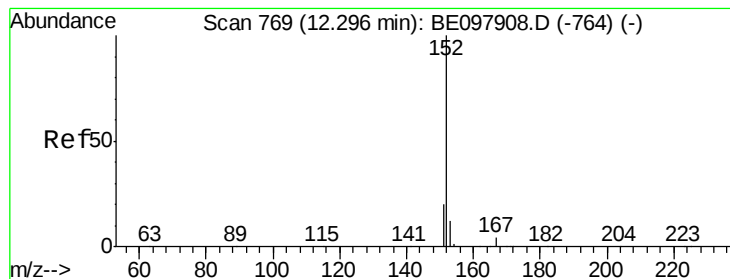


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

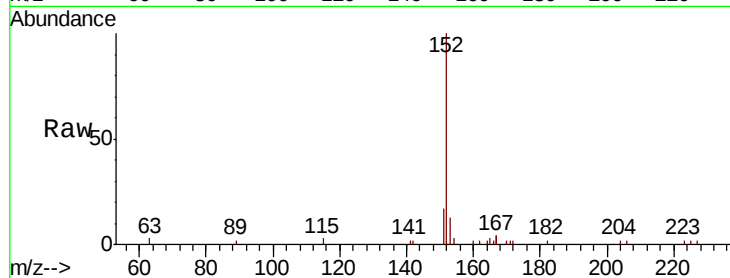




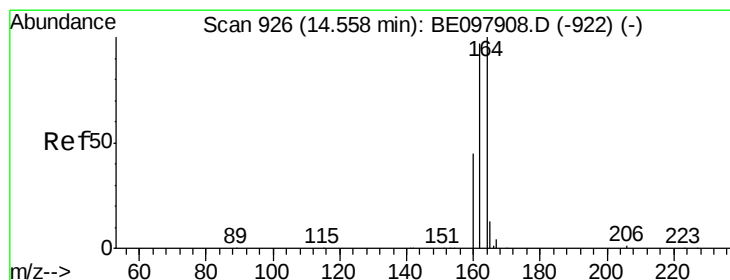
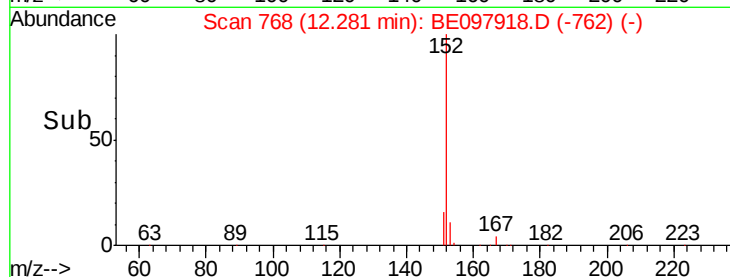
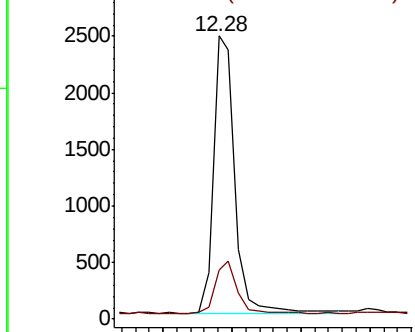
#11
 2-Methylnaphthalene-d10
 Concen: 0.418 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 5280
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.4

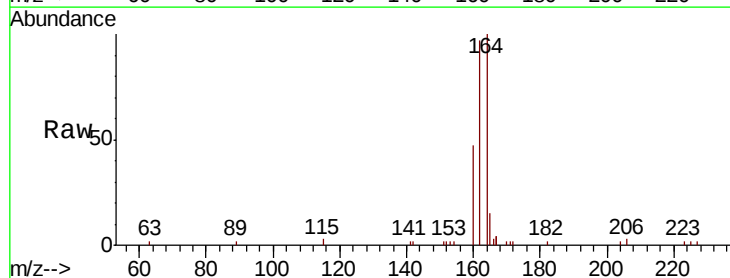


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

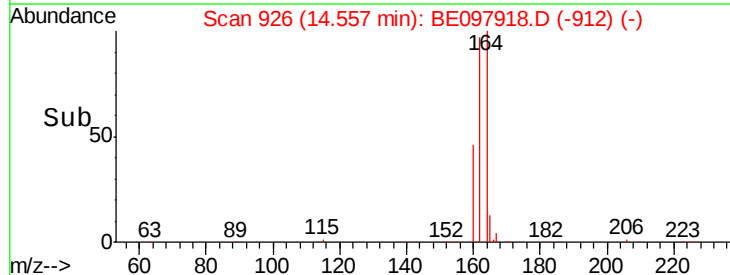
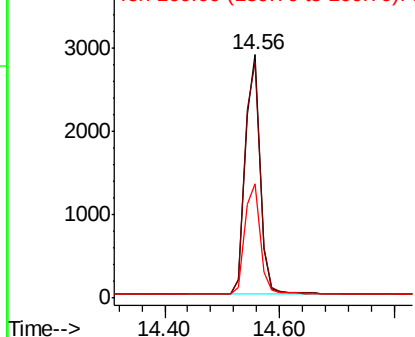


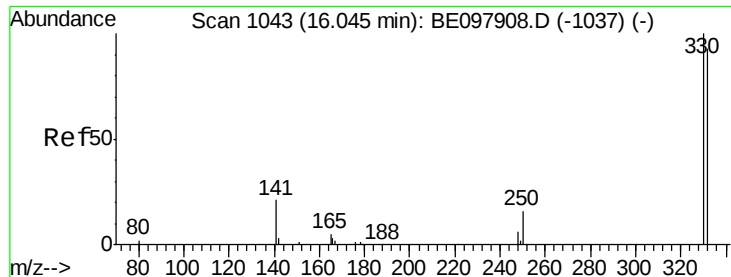
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

Tgt Ion:164 Resp: 5096
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.4 116.2
 160 47.0 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

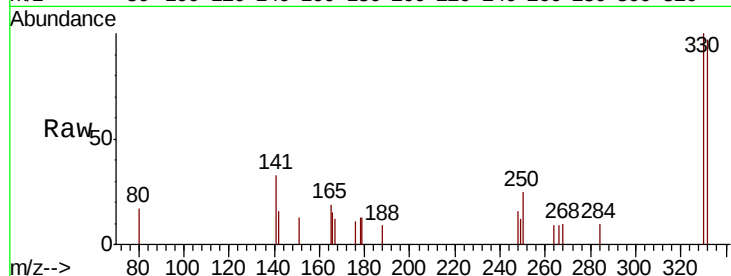




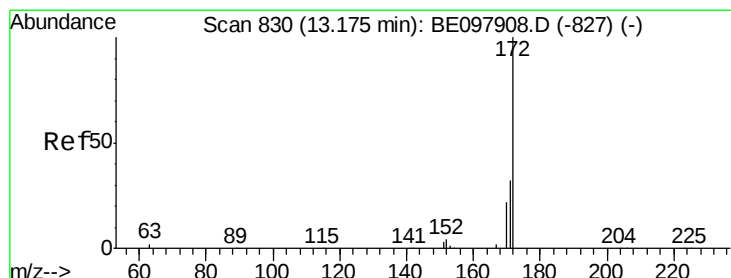
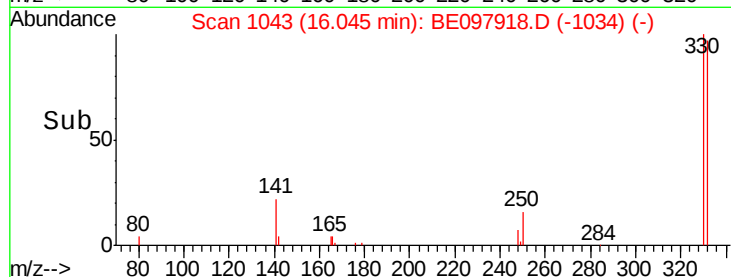
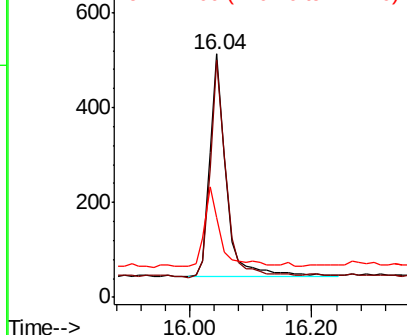
#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 858
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.5 114.7
 141 35.0 31.8 47.6

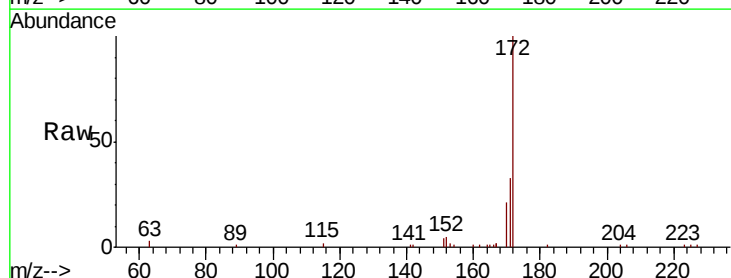


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

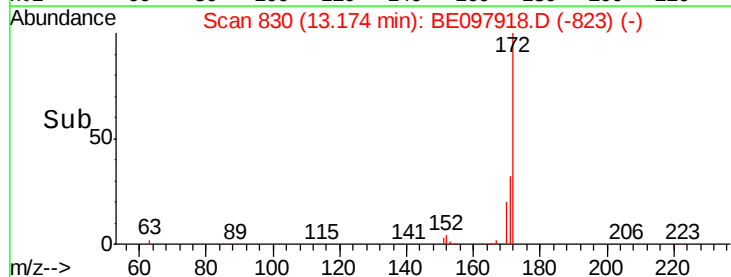
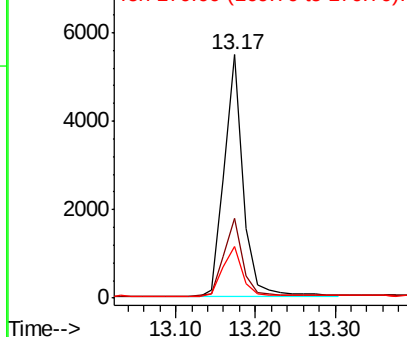


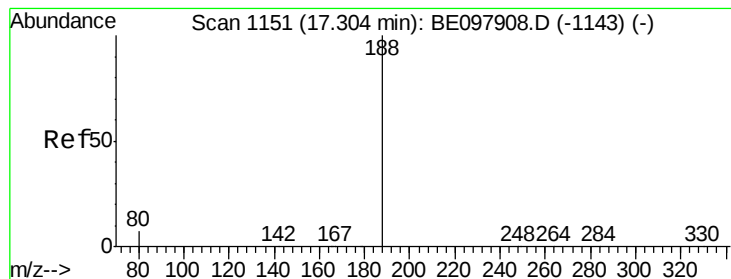
#15
 2-Fluorobiphenyl
 Concen: 0.430 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

Tgt Ion:172 Resp: 8961
 Ion Ratio Lower Upper
 172 100
 171 32.5 26.0 39.0
 170 20.9 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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

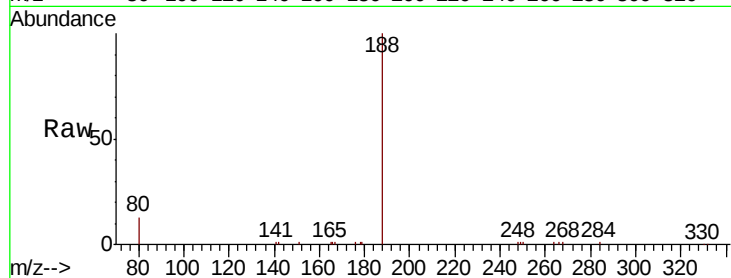
Tot Ion:188 Resp: 15592

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

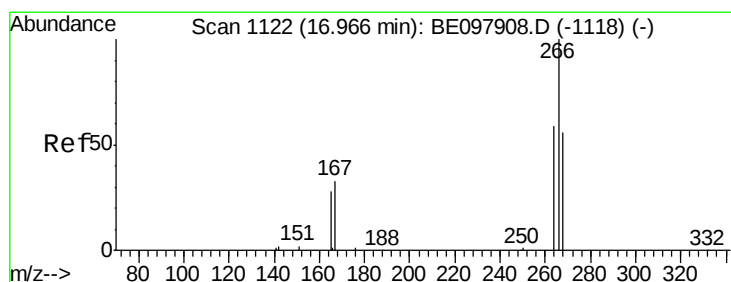
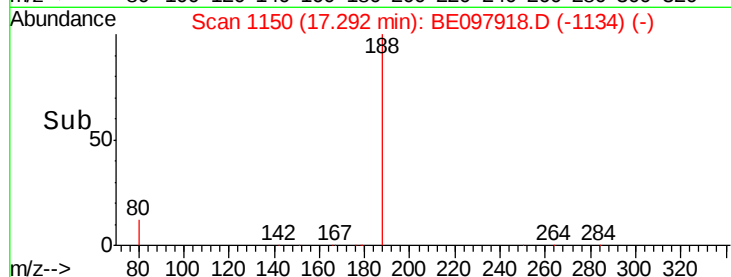
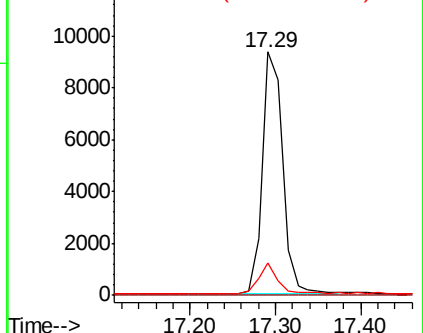
80 13.2 6.3 9.5#



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



#22

Pentachlorophenol

Concen: 0.040 ng

RT: 17.01 min Scan# 1126

Delta R.T. 0.05 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

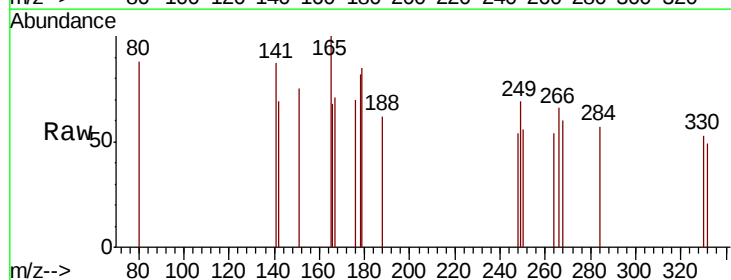
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 81.7 51.3 76.9#

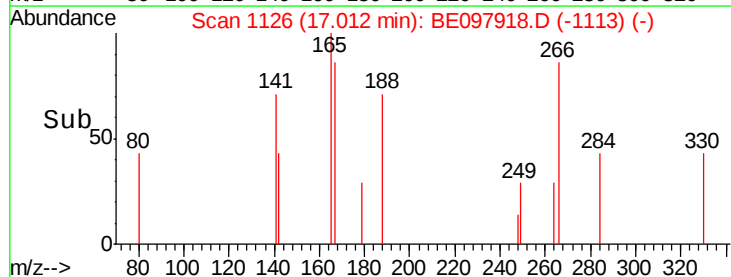
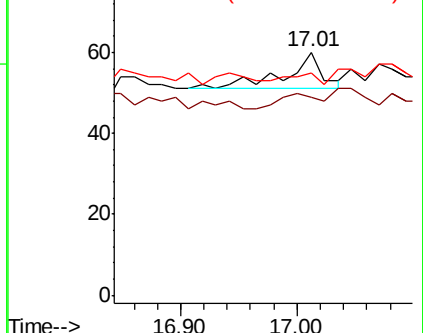
268 91.7 50.1 75.1#

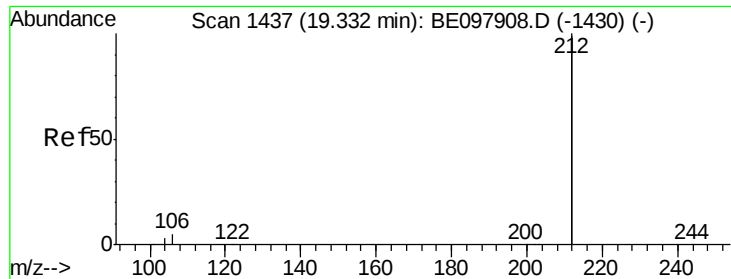


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

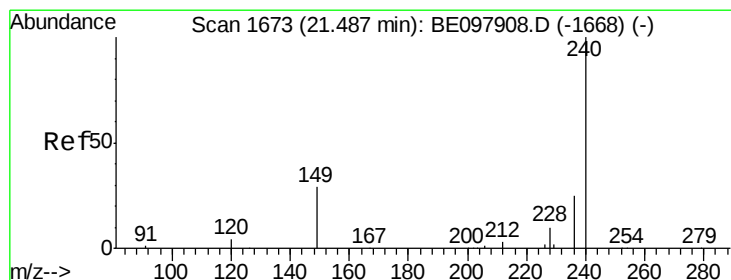
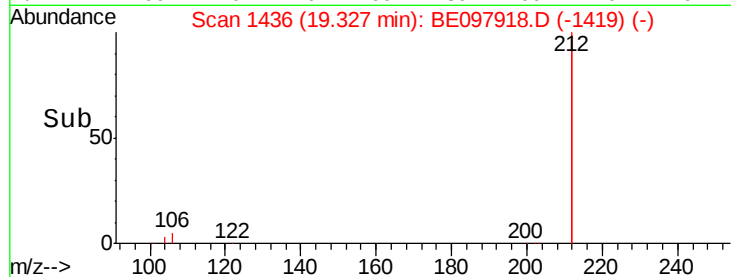
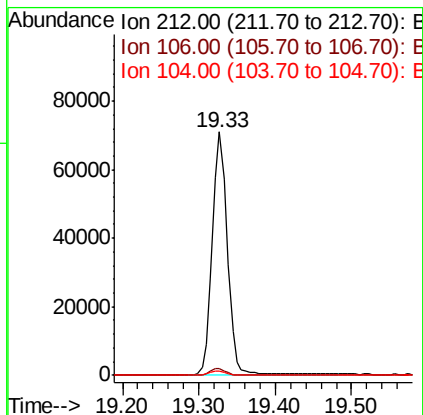
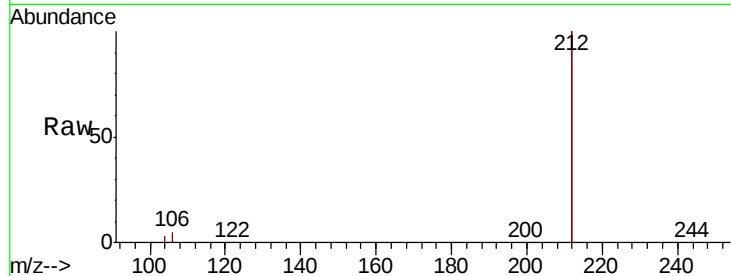




#25
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE097918.D
Acq: 16 Oct 2018 20:07

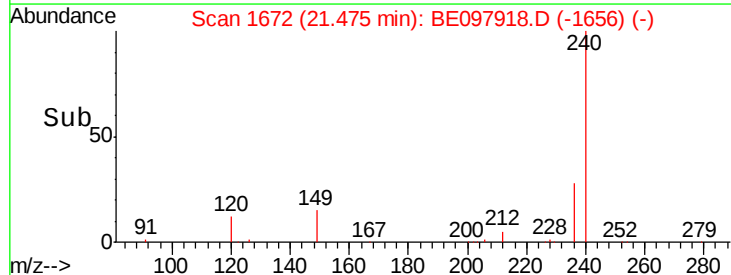
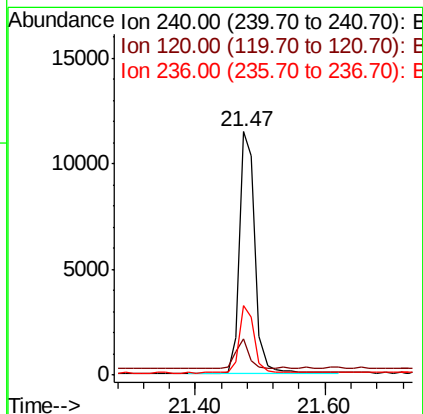
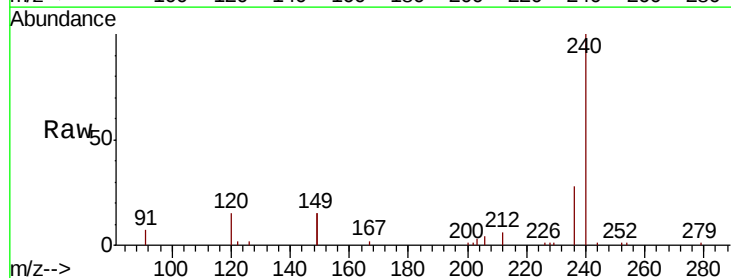
Instrument :
BNA_E
ClientSampleId :

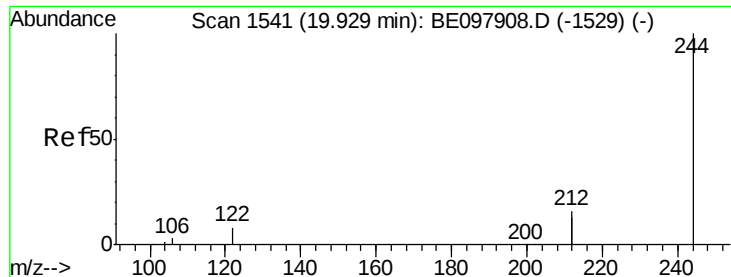
Tot Ion:212 Resp: 96375
Ion Ratio Lower Upper
212 100
106 2.8 2.3 3.5
104 1.6 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097918.D
Acq: 16 Oct 2018 20:07

Tgt Ion:240 Resp: 19090
Ion Ratio Lower Upper
240 100
120 14.7 7.1 10.7#
236 28.4 21.3 31.9





#29

Terphenyl-d14

Concen: 0.722 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

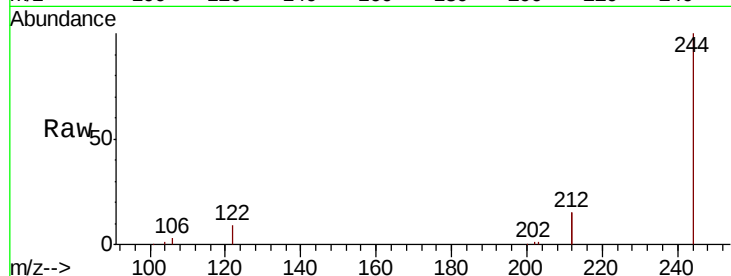
Tot Ion:244 Resp: 31583

Ion Ratio Lower Upper

244 100

212 30.4 26.2 39.2

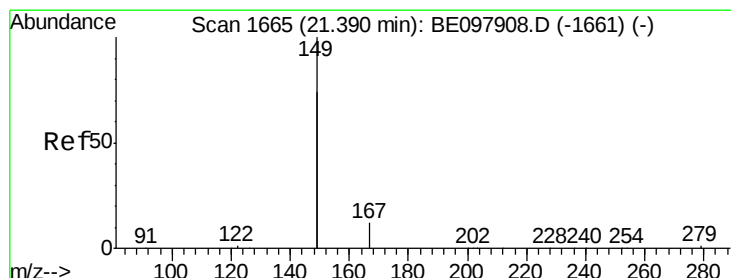
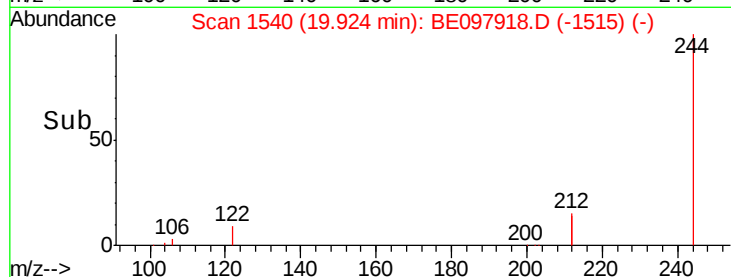
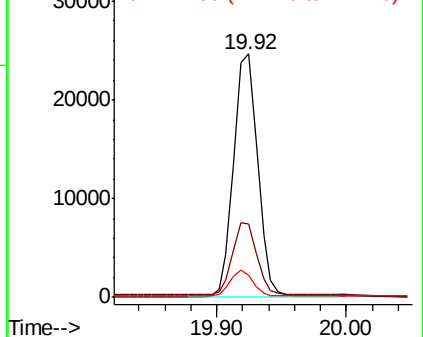
122 9.0 7.7 11.5



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



#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.39 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

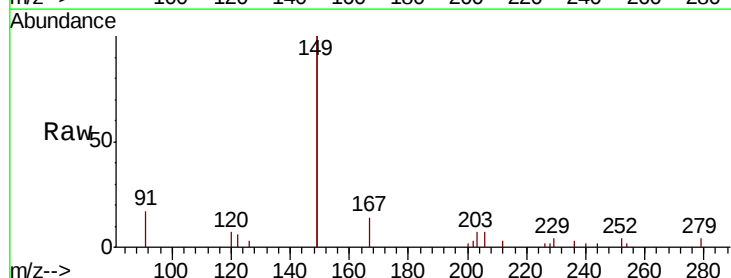
Tgt Ion:149 Resp: 6903

Ion Ratio Lower Upper

149 100

167 7.8 5.6 8.4

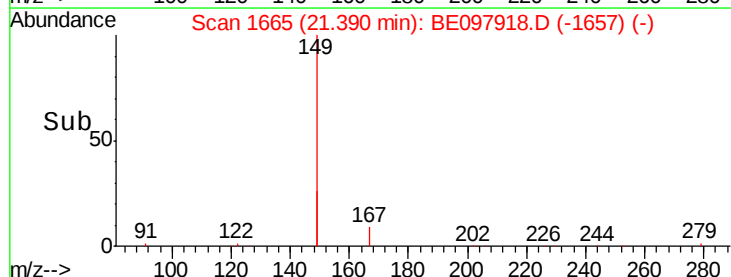
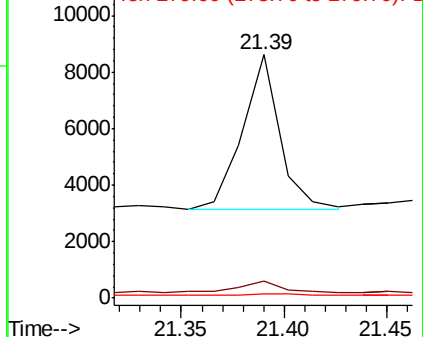
279 2.4 0.9 1.3#

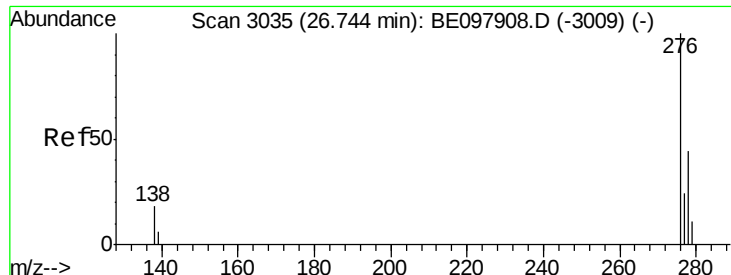


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

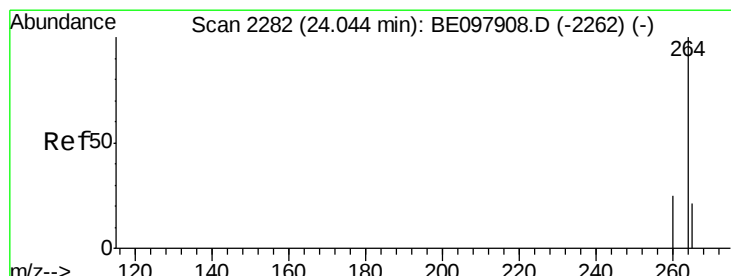
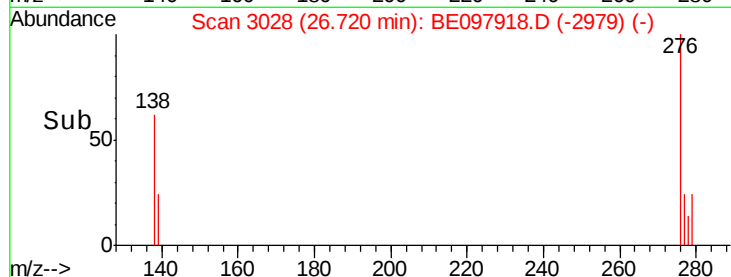
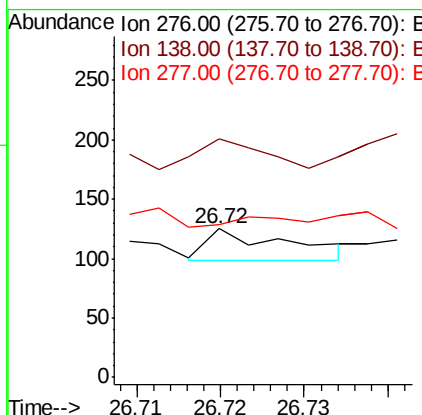
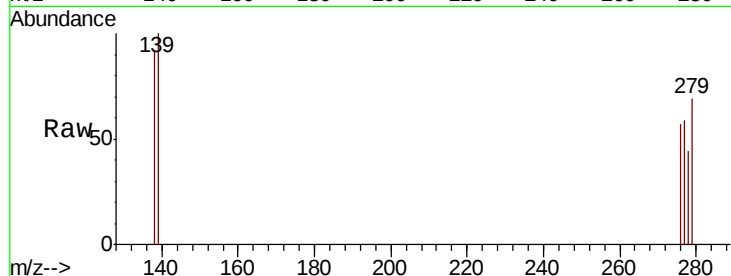




#33
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 26.72 min Scan# 3028
 Delta R.T. -0.02 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 18
 Ion Ratio Lower Upper
 276 100
 138 77.8 17.0 25.6#
 277 0.0 20.5 30.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

Tgt Ion:264 Resp: 15954
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.1 31.7
 265 31.3 29.2 43.8

