

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097917.D
 Acq On : 16 Oct 2018 19:28
 Operator : SJ/JU
 Sample : J5393-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 17 07:04:10 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	2049	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8870	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5780	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	15372	0.40	ng	-0.01
27) Chrysene-d12	21.49	240	17624	0.40	ng	0.00
34) Perylene-d12	24.03	264	18006	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1153	0.18	ng	0.00
5) Phenol-d6	7.06	99	1033	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	3330	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5795	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	179	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	9356	0.40	ng	0.00
25) Fluoranthene-d10	19.33	212	79945	0.38	ng	0.00
29) Terphenyl-d14	19.92	244	23844	0.59	ng	0.00

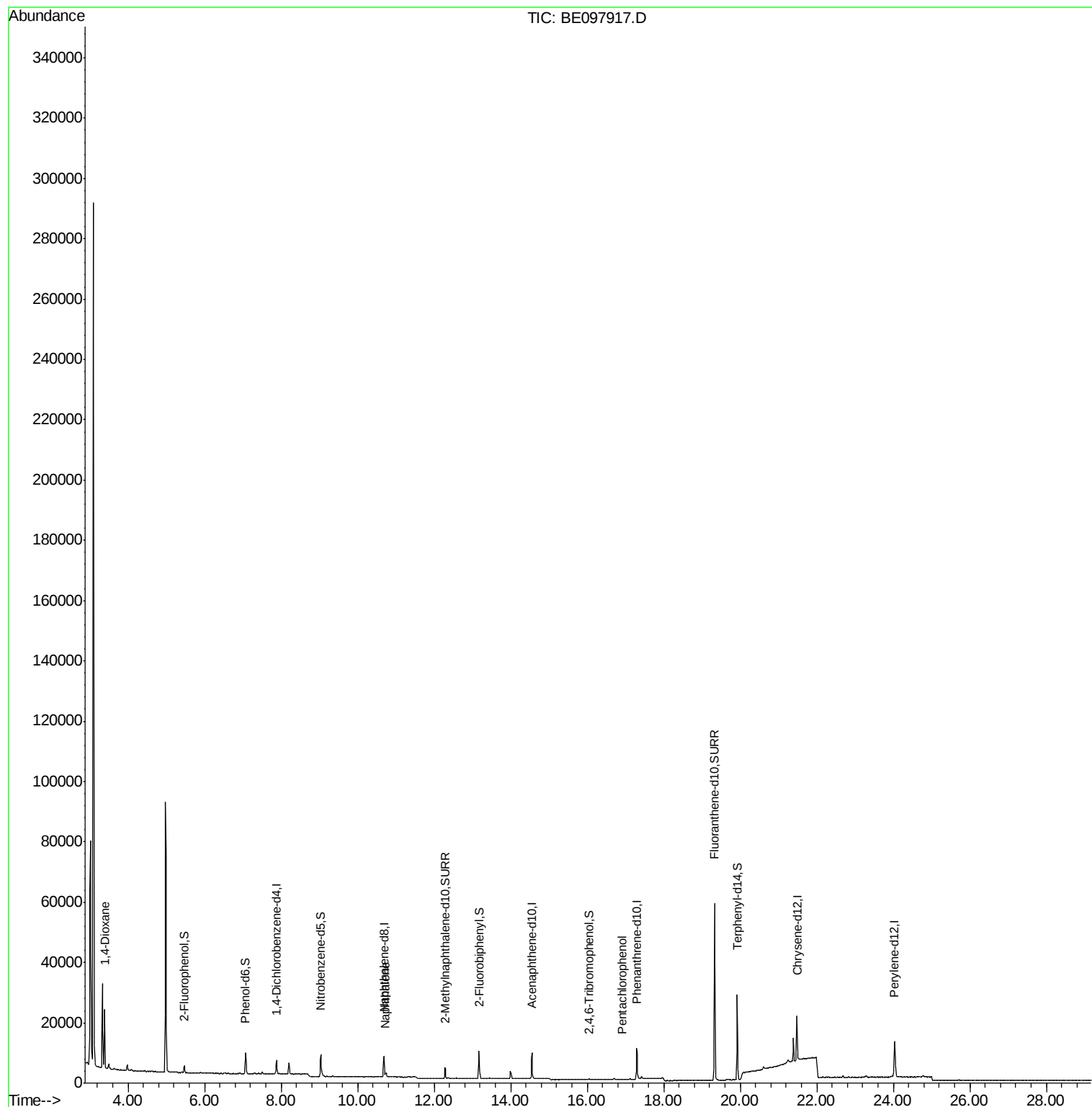
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	11299	3.163	ng	94
9) Naphthalene	10.73	128	2165	0.025	ng	# 88
22) Pentachlorophenol	16.91	266	6	0.033	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.39	149	9455	Below Cal	#	99
33) Indeno(1,2,3-cd)pyrene	26.74	276	201	Below Cal	#	55

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

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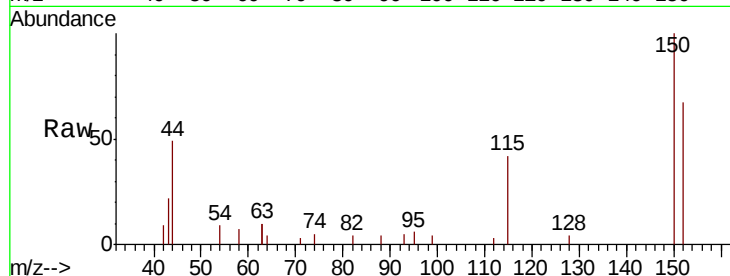


#1

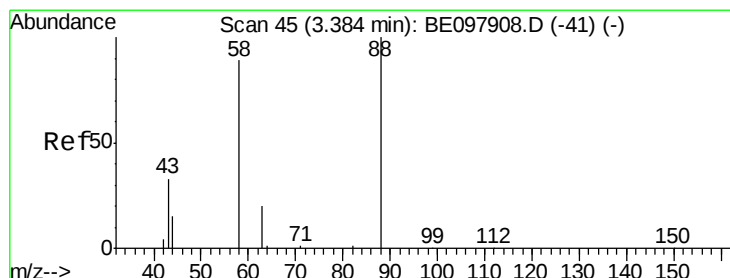
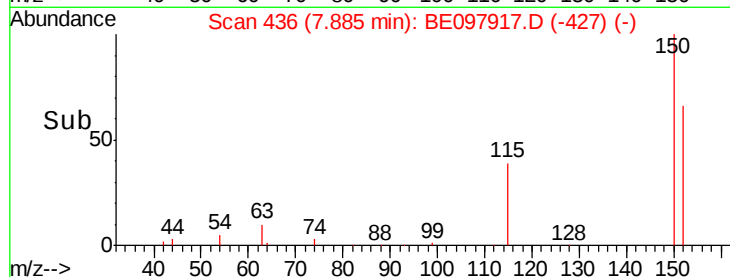
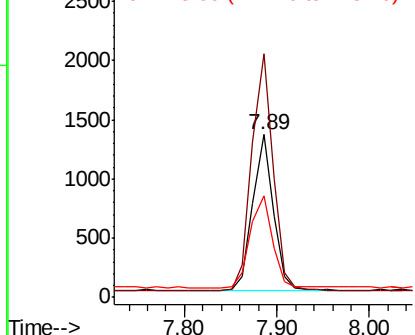
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097917.D
Acq: 16 Oct 2018 19:28

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2049
Ion Ratio Lower Upper
152 100
150 149.8 118.2 177.4
115 62.7 50.9 76.3



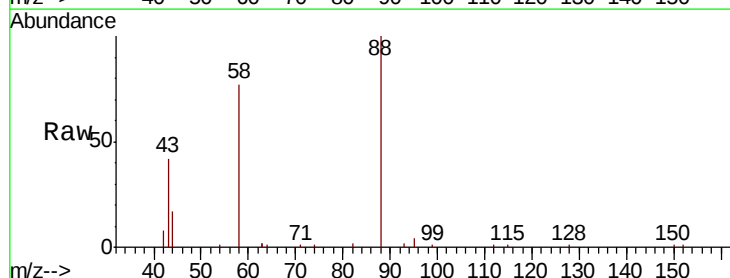
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



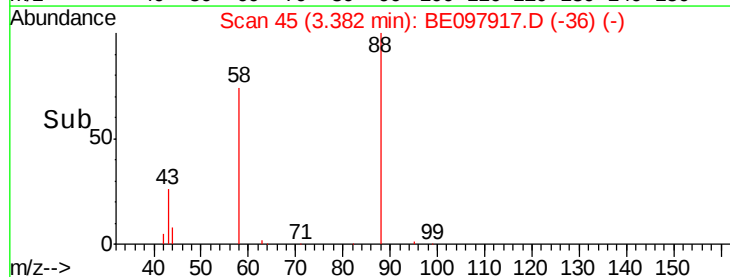
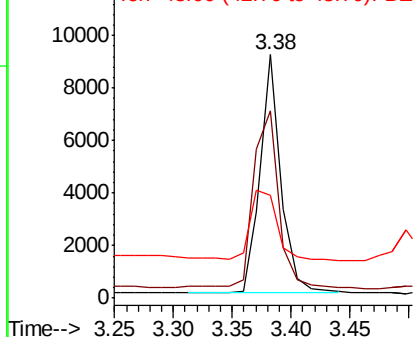
#2

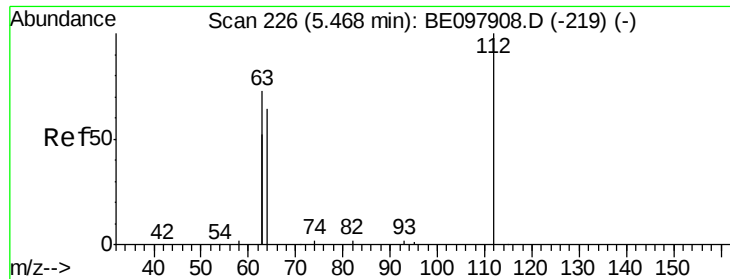
1,4-Dioxane
Concen: 3.163 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097917.D
Acq: 16 Oct 2018 19:28

Tgt Ion: 88 Resp: 11299
Ion Ratio Lower Upper
88 100
58 88.2 73.2 109.8
43 39.3 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: 0.178 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097917.D

Acq: 16 Oct 2018 19:28

Instrument :

BNA_E

ClientSampleId :

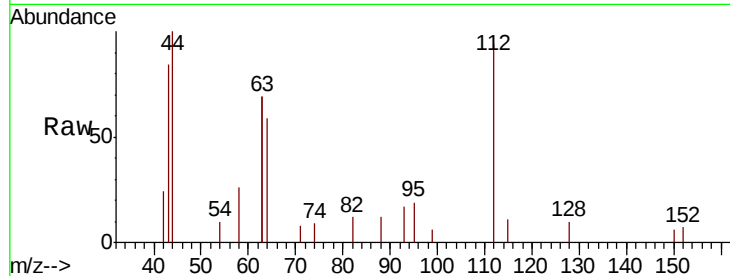
Tot Ion: 112 Resp: 1153

Ion Ratio Lower Upper

112 100

64 72.1 58.9 88.3

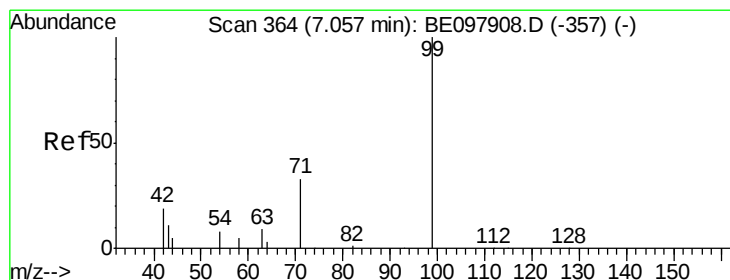
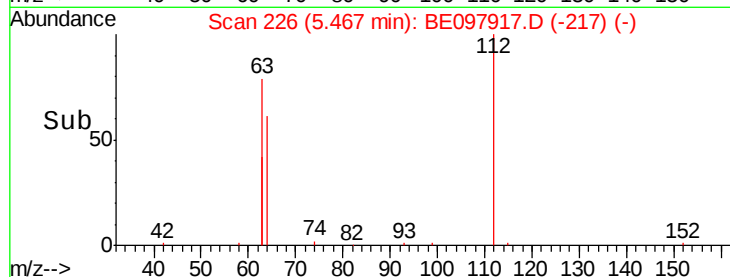
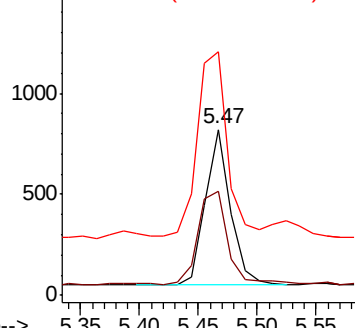
63 140.8 120.3 180.5



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: 0.108 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097917.D

Acq: 16 Oct 2018 19:28

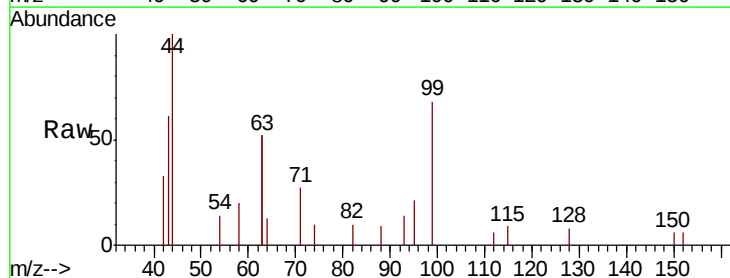
Tgt Ion: 99 Resp: 1033

Ion Ratio Lower Upper

99 100

42 62.5 19.9 29.9#

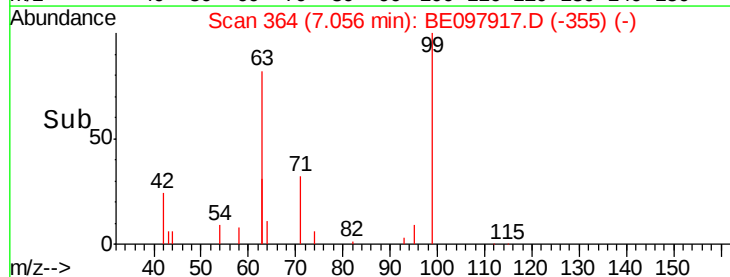
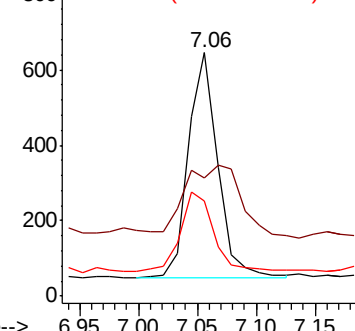
71 0.0 27.8 41.8#

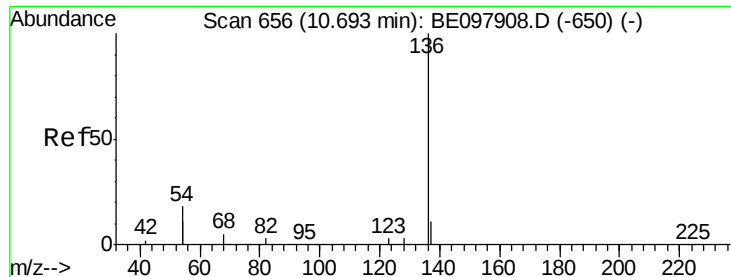


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097917.D

Acq: 16 Oct 2018 19:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8870

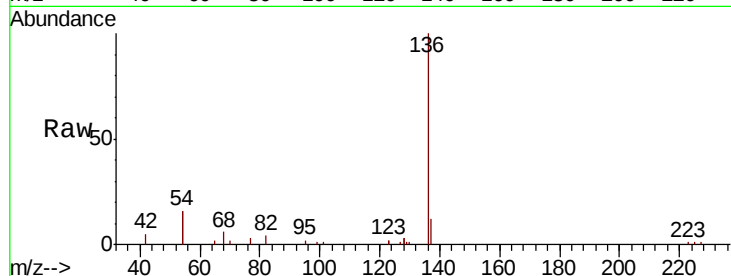
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 32.9 27.7 41.5

68 6.1 5.3 7.9

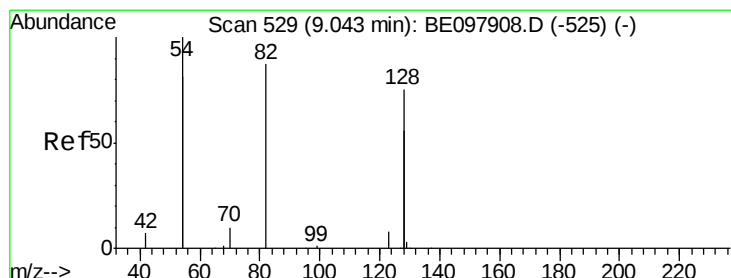
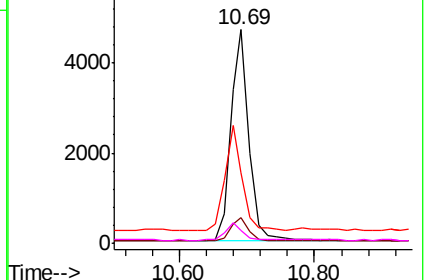
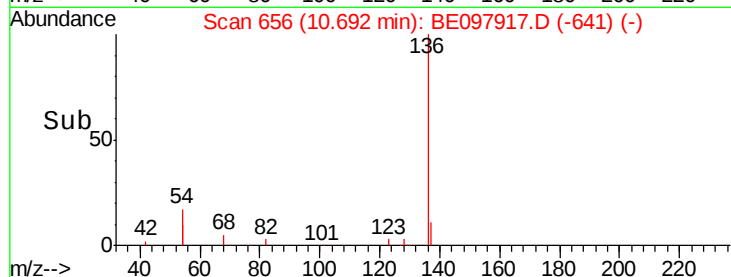


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097917.D

Acq: 16 Oct 2018 19:28

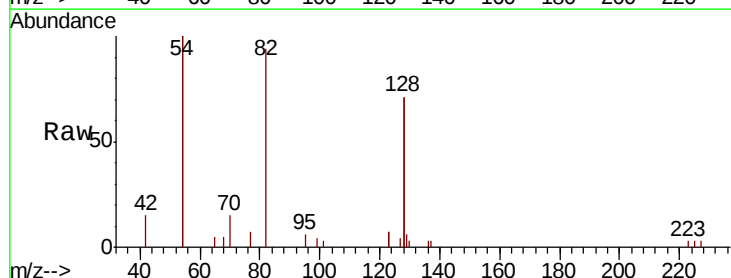
Tgt Ion: 82 Resp: 3330

Ion Ratio Lower Upper

82 100

128 151.3 129.9 194.9

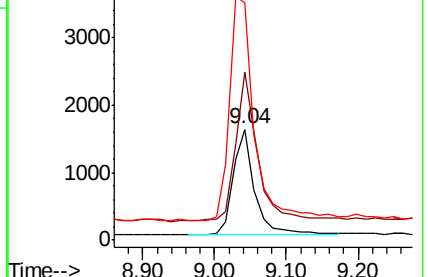
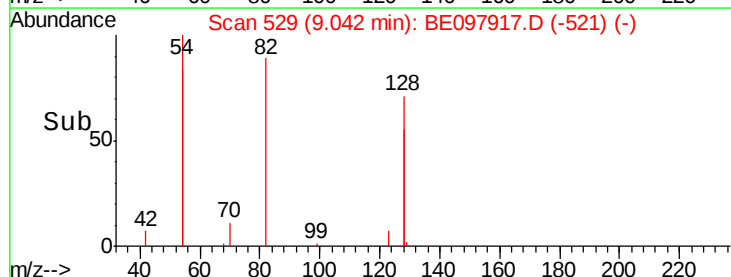
54 213.5 174.0 261.0

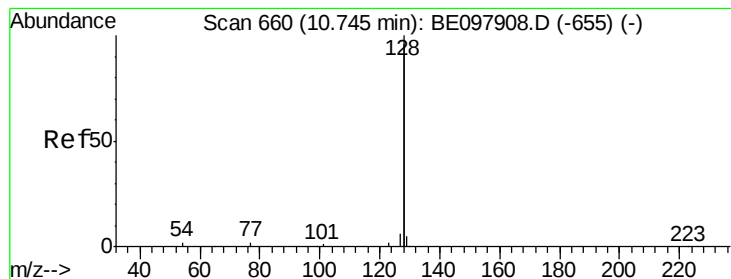


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.025 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097917.D

Acq: 16 Oct 2018 19:28

Instrument :

BNA_E

ClientSampleId :

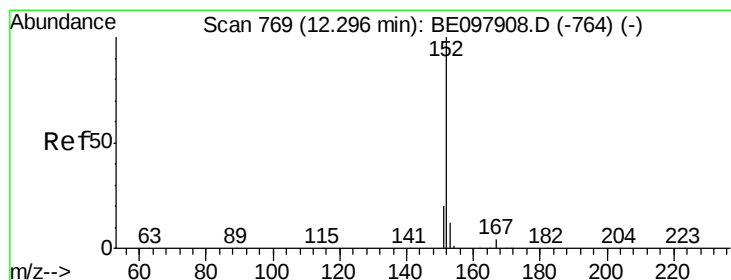
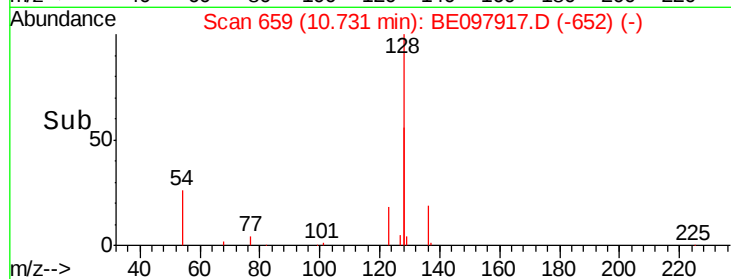
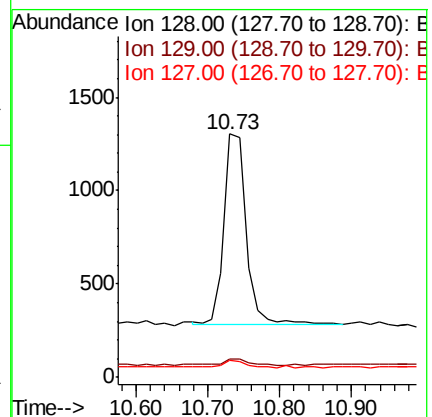
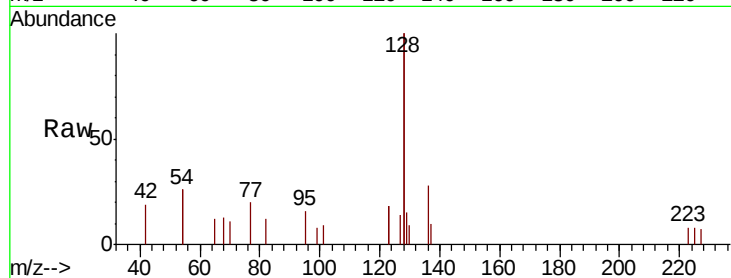
Tot Ion:128 Resp: 2165

Ion Ratio Lower Upper

128 100

129 7.4 2.5 3.7#

127 7.0 2.8 4.2#



#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097917.D

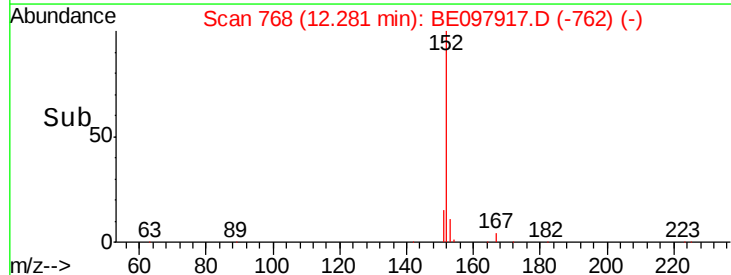
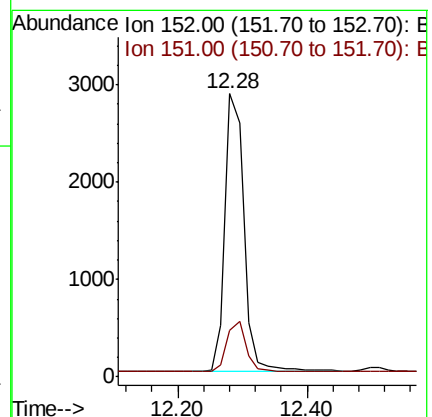
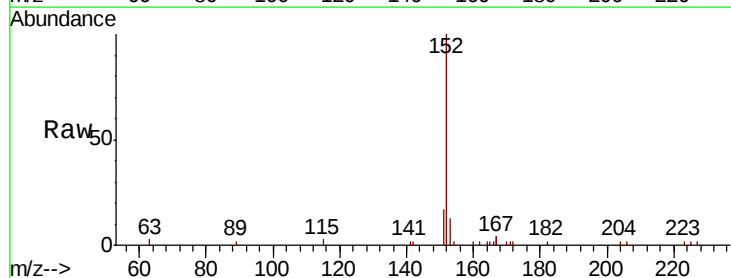
Acq: 16 Oct 2018 19:28

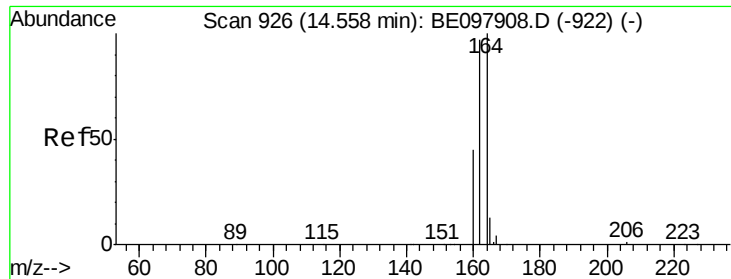
Tgt Ion:152 Resp: 5795

Ion Ratio Lower Upper

152 100

151 18.8 16.2 24.4

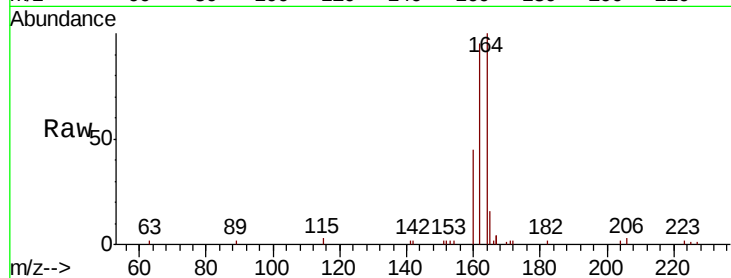




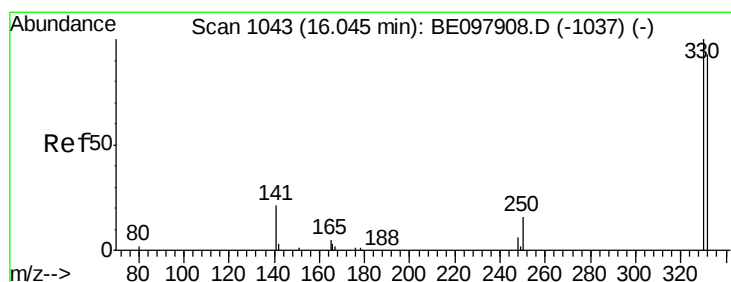
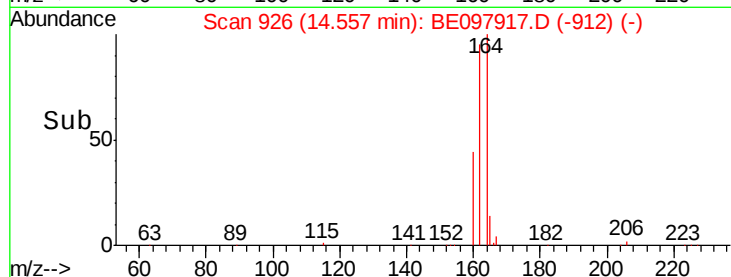
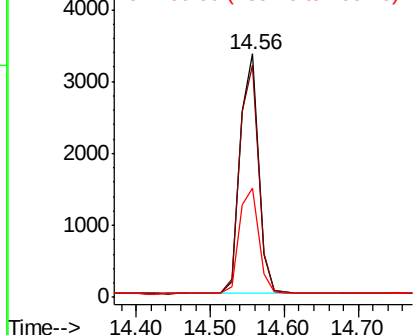
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097917.D
Acq: 16 Oct 2018 19:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 5780
Ion Ratio Lower Upper
164 100
162 95.4 77.4 116.2
160 44.7 36.5 54.7

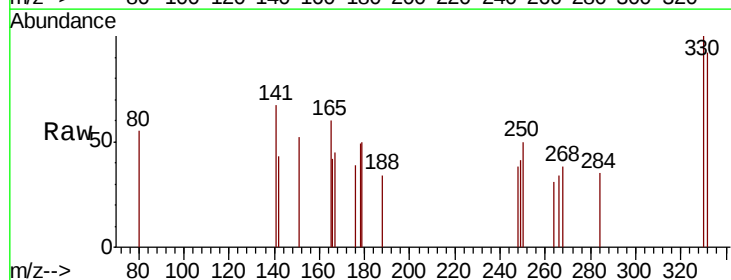


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

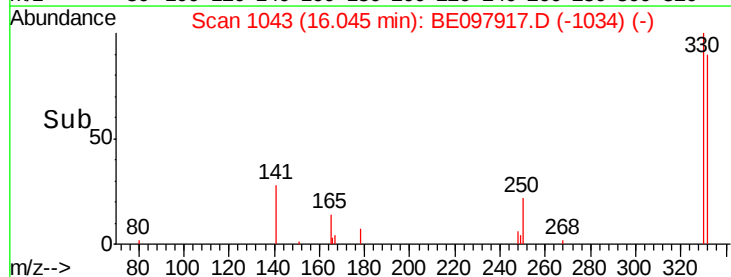
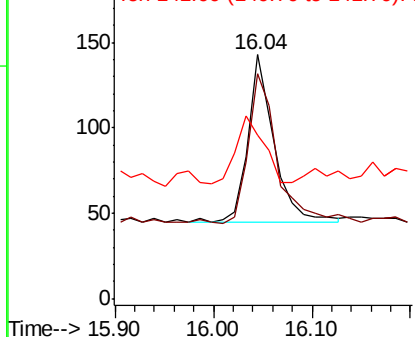


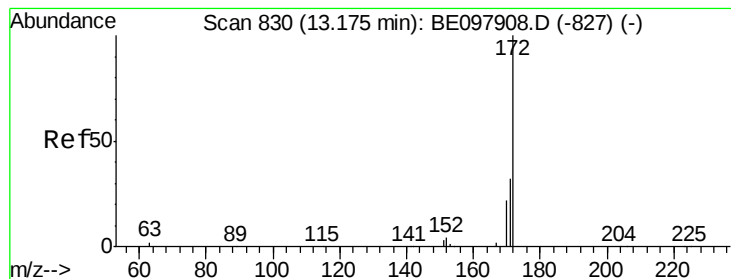
#14
2,4,6-Tribromophenol
Concen: 0.058 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097917.D
Acq: 16 Oct 2018 19:28

Tgt Ion:330 Resp: 179
Ion Ratio Lower Upper
330 100
332 102.2 76.5 114.7
141 43.6 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

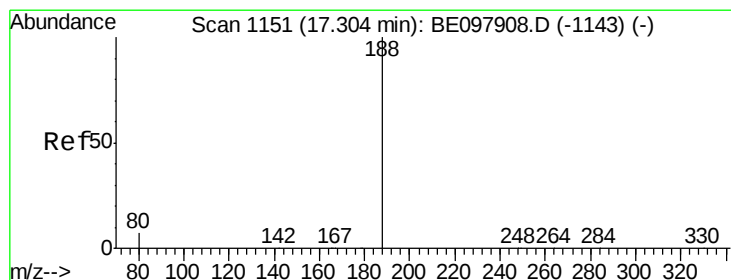
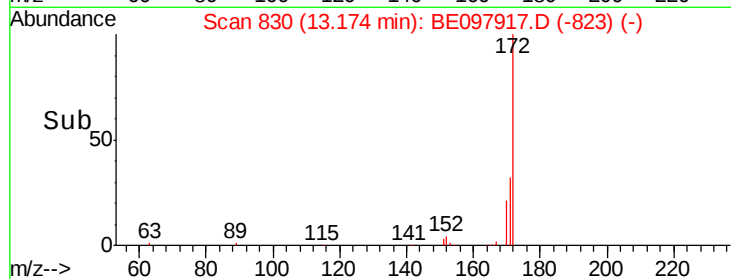
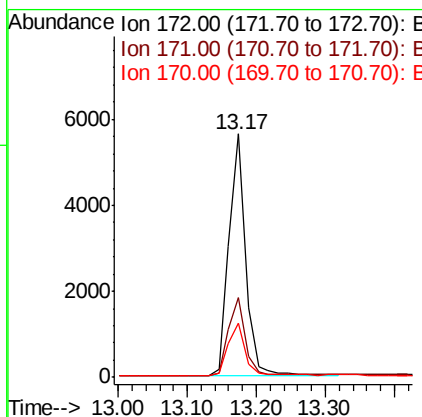
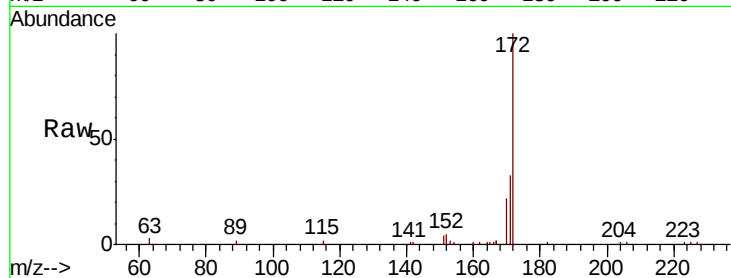




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097917.D
Acq: 16 Oct 2018 19:28

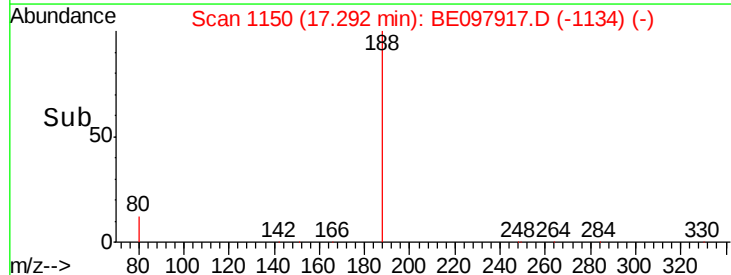
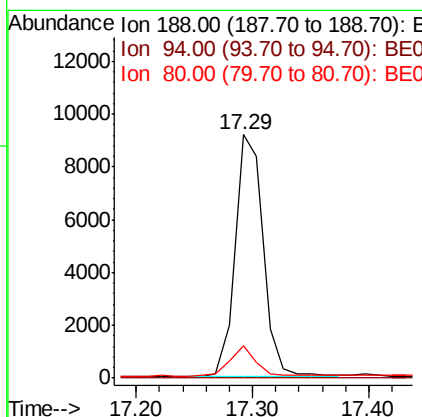
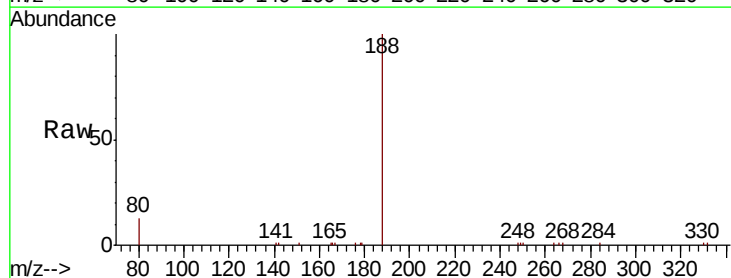
Instrument :
BNA_E
ClientSampleId :

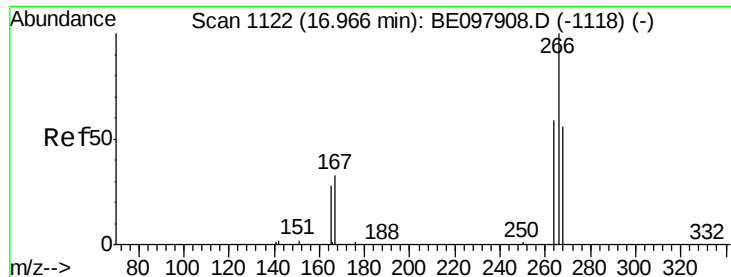
Tot Ion:172 Resp: 9356
Ion Ratio Lower Upper
172 100
171 32.6 26.0 39.0
170 22.0 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097917.D
Acq: 16 Oct 2018 19:28

Tgt Ion:188 Resp: 15372
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.033 ng

RT: 16.91 min Scan# 1117

Delta R.T. -0.06 min

Lab File: BE097917.D

Acq: 16 Oct 2018 19:28

Instrument :

BNA_E

ClientSampleId :

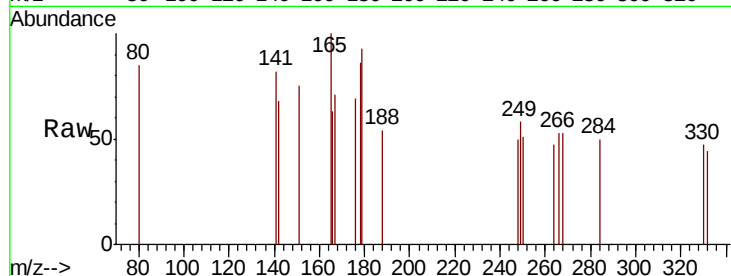
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 87.0 51.3 76.9#

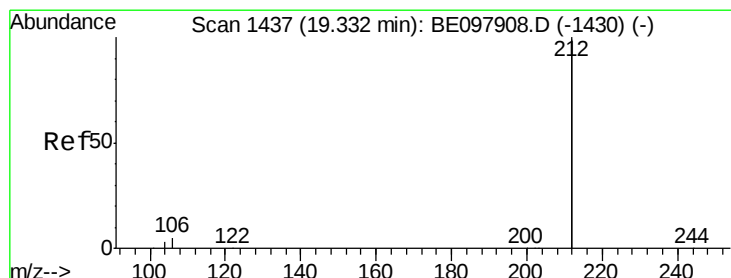
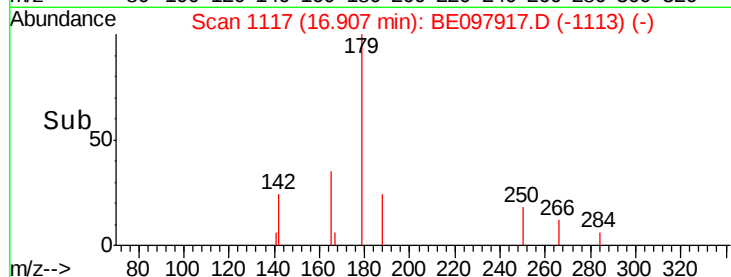
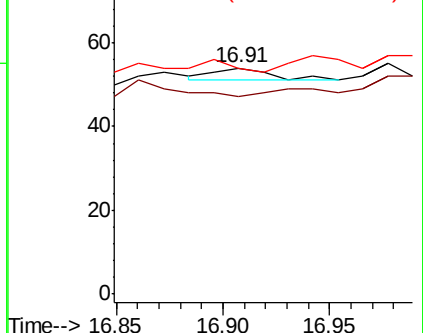
268 100.0 50.1 75.1#



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: 0.384 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097917.D

Acq: 16 Oct 2018 19:28

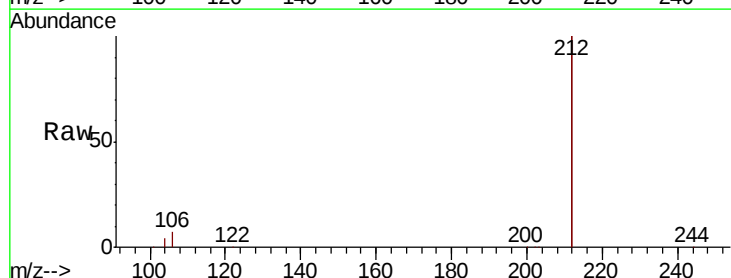
Tgt Ion:212 Resp: 79945

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

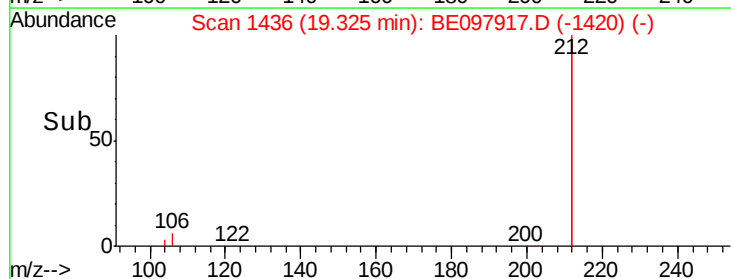
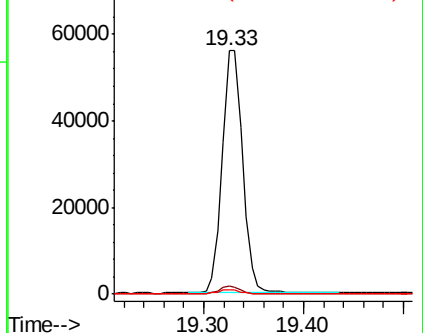
104 1.6 1.3 1.9

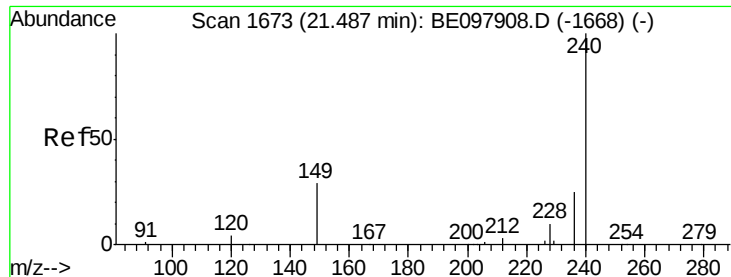


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

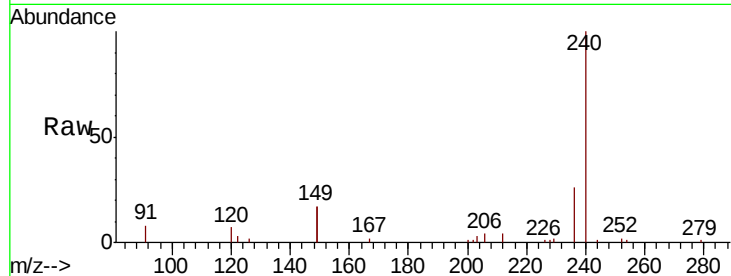




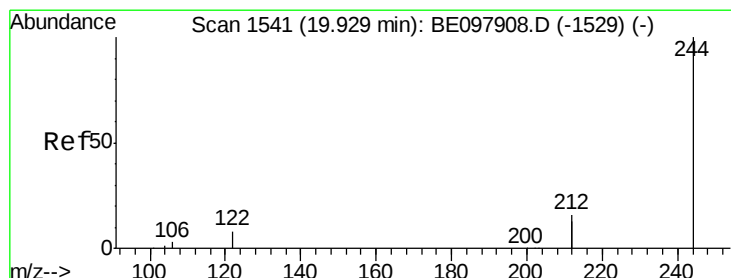
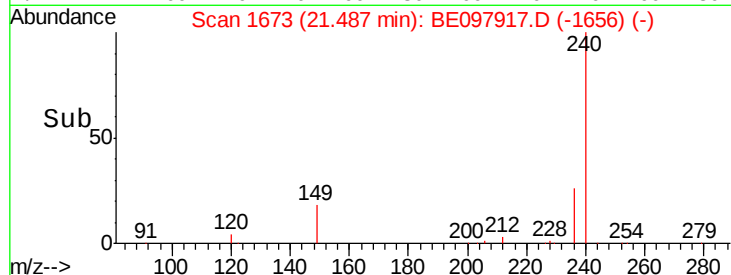
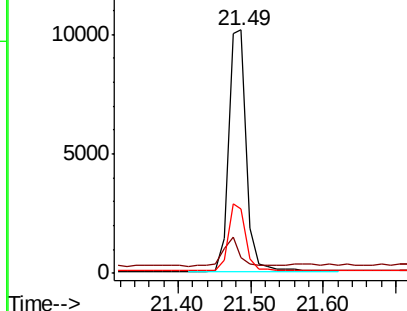
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097917.D
 Acq: 16 Oct 2018 19:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 17624
 Ion Ratio Lower Upper
 240 100
 120 6.5 7.1 10.7#
 236 26.4 21.3 31.9

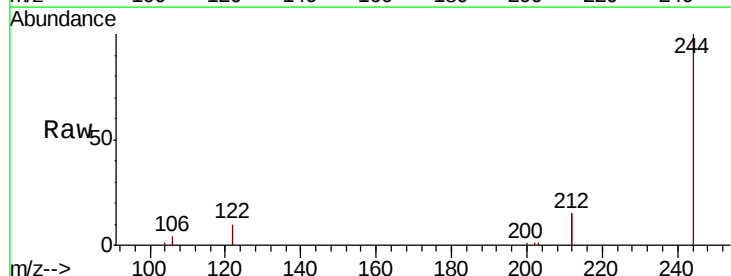


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

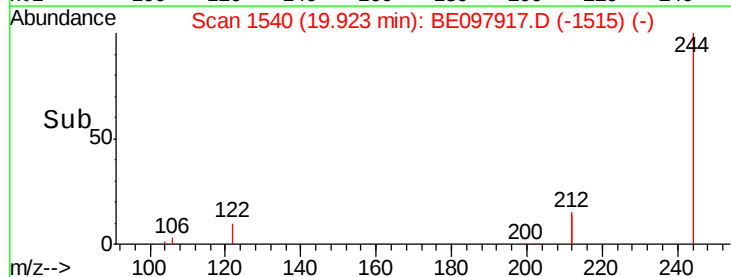
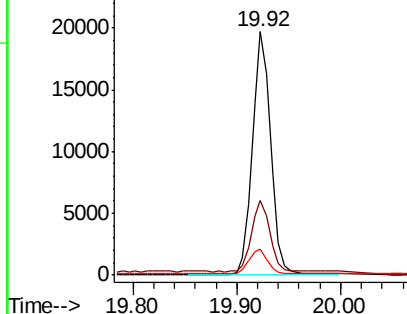


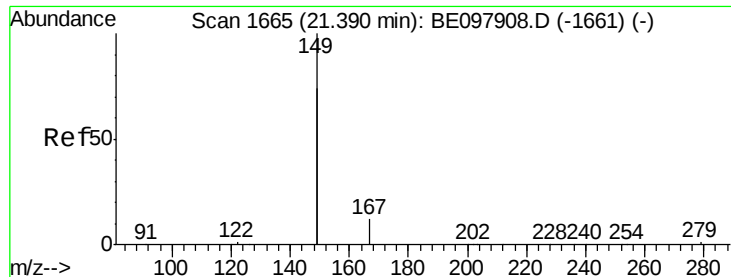
#29
 Terphenyl-d14
 Concen: 0.590 ng
 RT: 19.92 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BE097917.D
 Acq: 16 Oct 2018 19:28

Tgt Ion:244 Resp: 23844
 Ion Ratio Lower Upper
 244 100
 212 30.8 26.2 39.2
 122 10.5 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: BE097917.D

Acq: 16 Oct 2018 19:28

Instrument :

BNA_E

ClientSampled :

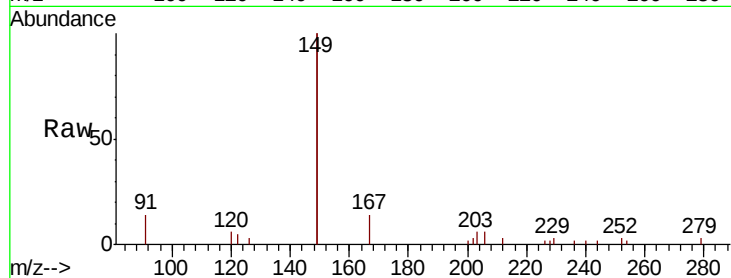
Tot Ion:149 Resp: 9455

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

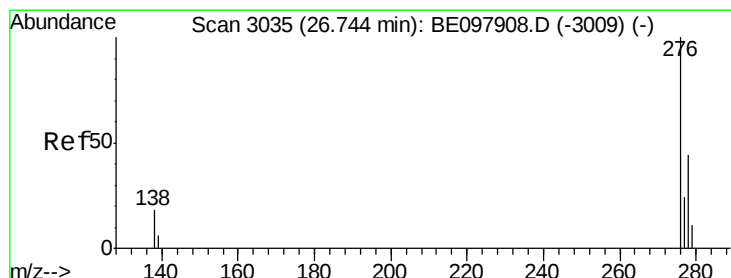
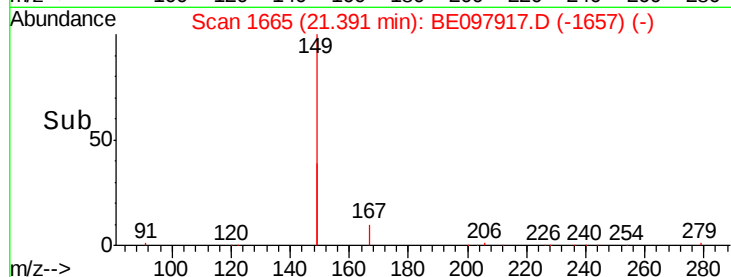
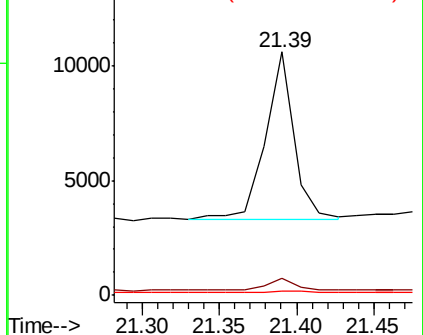
279 1.4 0.9 1.3#



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: 26.74 min Scan# 3033

Delta R.T. -0.01 min

Lab File: BE097917.D

Acq: 16 Oct 2018 19:28

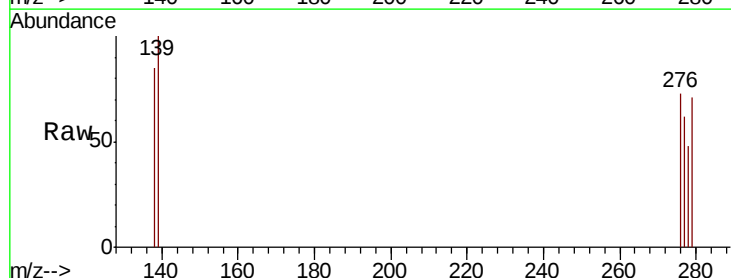
Tgt Ion:276 Resp: 201

Ion Ratio Lower Upper

276 100

138 0.0 17.0 25.6#

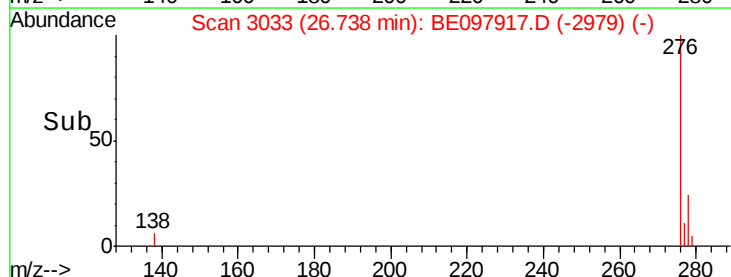
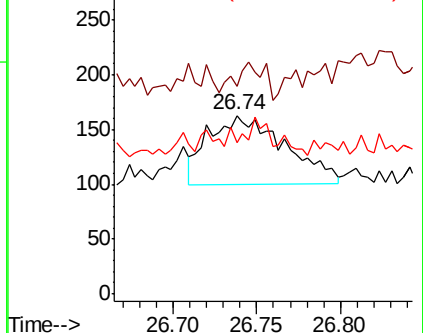
277 2.5 20.5 30.7#

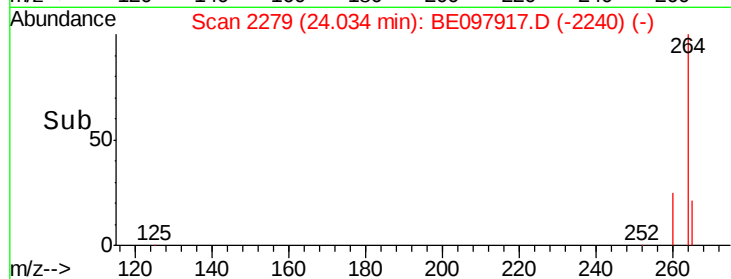
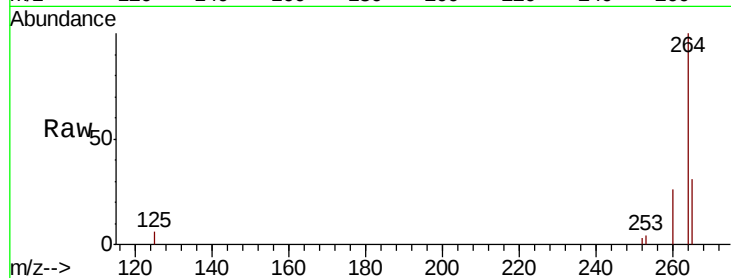
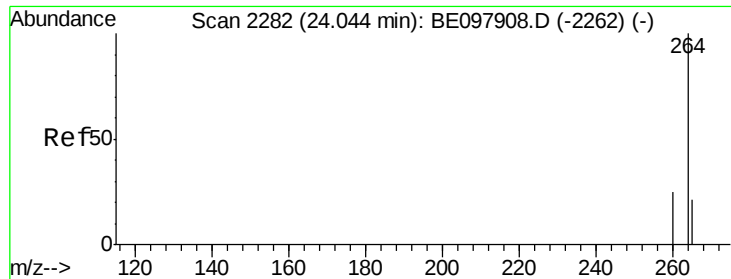


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097917.D
 Acq: 16 Oct 2018 19:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 18006
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.1 31.7
 265 30.8 29.2 43.8

