

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097996.D
 Acq On : 19 Oct 2018 17:50
 Operator : SJ/JU
 Sample : PB113998BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 23:30:06 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

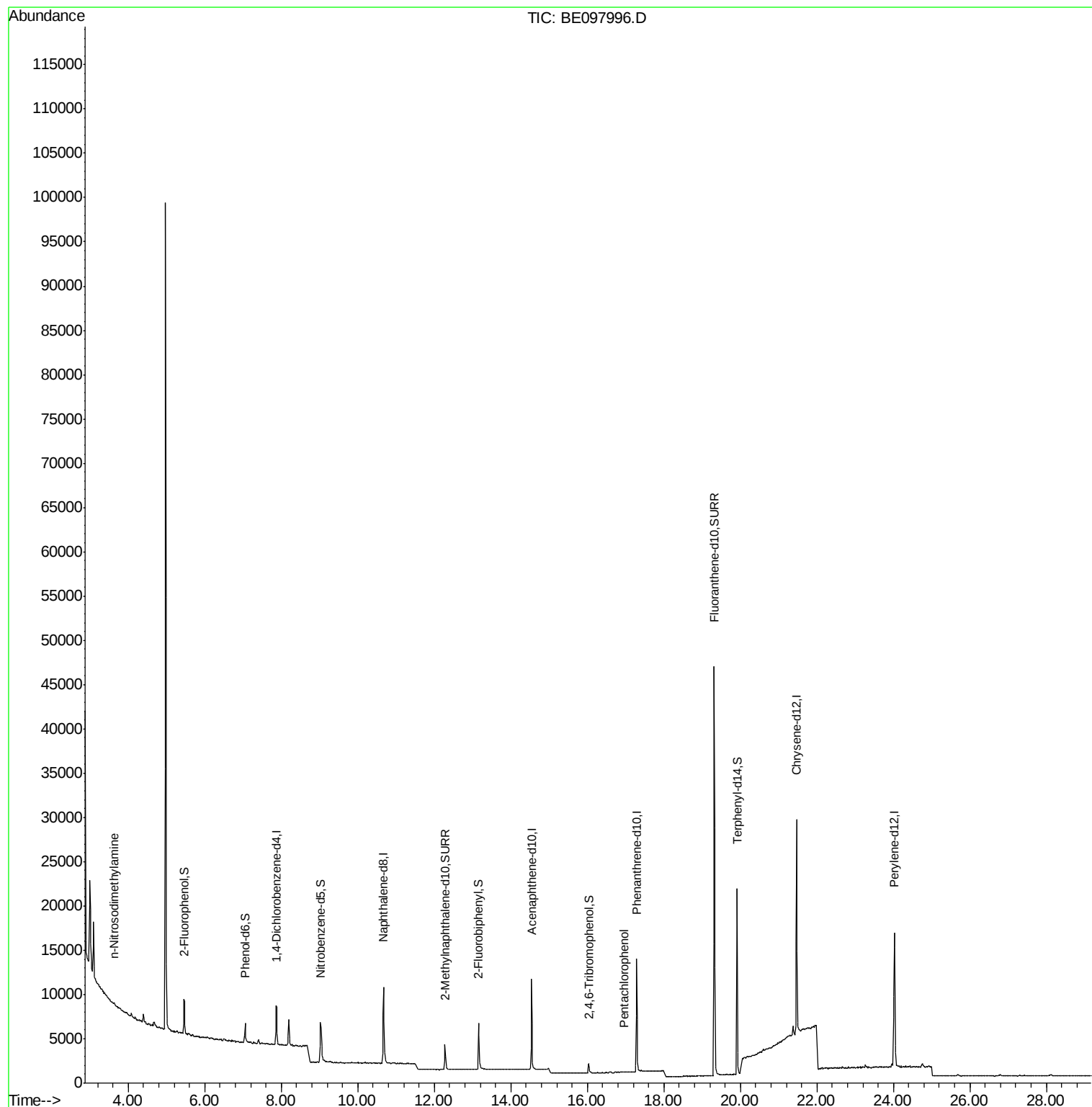
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2356	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	9962	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6208	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	17644	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	24098	0.40	ng	-0.01
34) Perylene-d12	24.03	264	23879	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2102	0.28	ng	0.00
5) Phenol-d6	7.06	99	2725	0.25	ng	0.00
8) Nitrobenzene-d5	9.03	82	2288	0.24	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	4013	0.24	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	825	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	6106	0.24	ng	-0.01
25) Fluoranthene-d10	19.32	212	64039	0.27	ng	-0.01
29) Terphenyl-d14	19.92	244	18208	0.33	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.63	42	267	0.058	ng	# 12
22) Pentachlorophenol	16.95	266	10	0.034	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.38	149	2089	Below Cal		# 99
33) Indeno(1,2,3-cd)pyrene	26.73	276	15	Below Cal		# 14

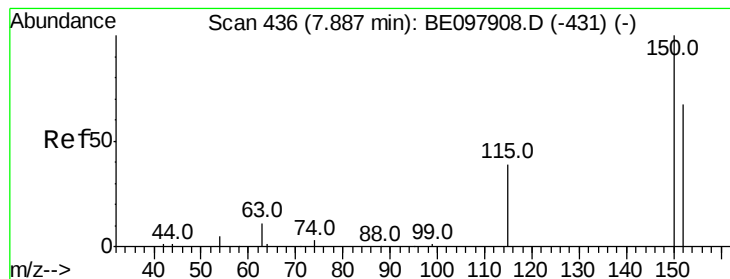
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

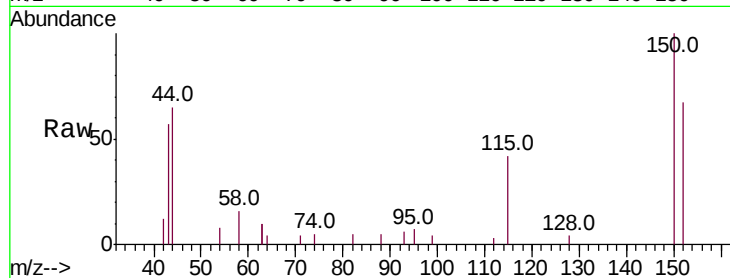
Tot Ion:152 Resp: 2356

Ion Ratio Lower Upper

152 100

150 149.5 118.2 177.4

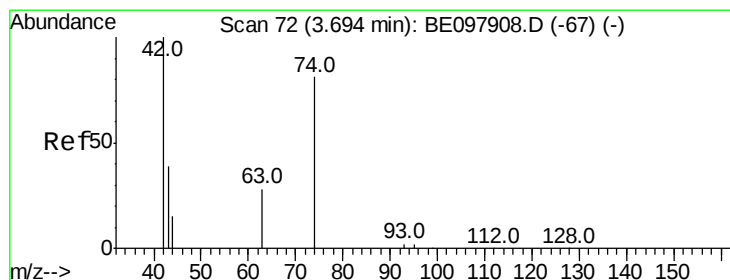
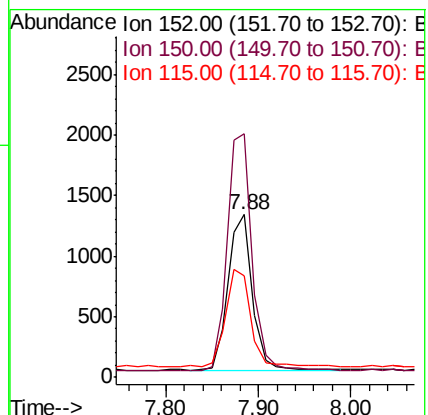
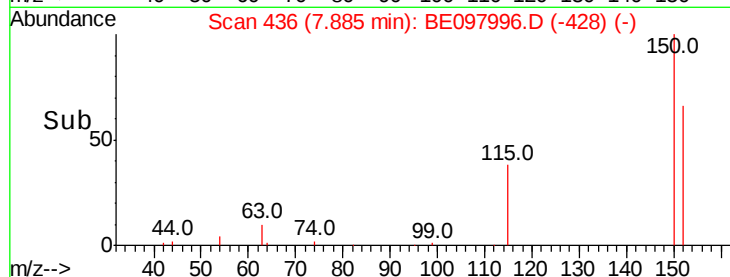
115 62.2 50.9 76.3



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



#3

n-Nitrosodimethylamine

Concen: 0.058 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.06 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

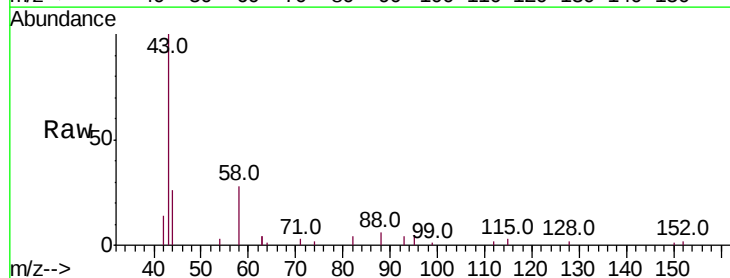
Tgt Ion: 42 Resp: 267

Ion Ratio Lower Upper

42 100

74 8.2 77.6 116.4#

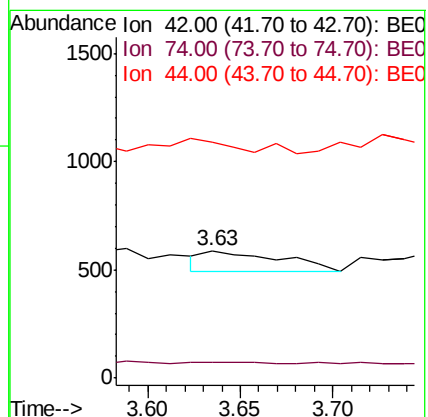
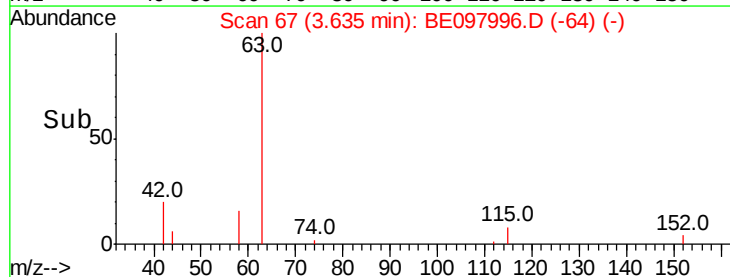
44 33.7 7.6 11.4#

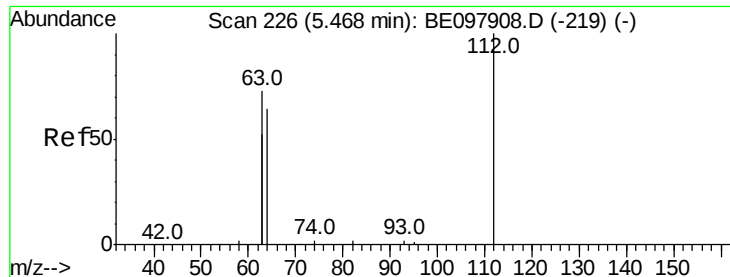


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.283 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampled :

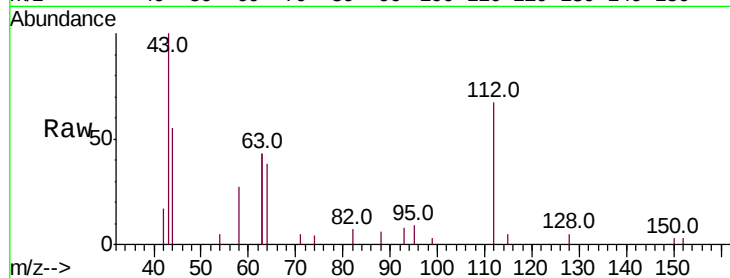
Tot Ion:112 Resp: 2102

Ion Ratio Lower Upper

112 100

64 72.3 58.9 88.3

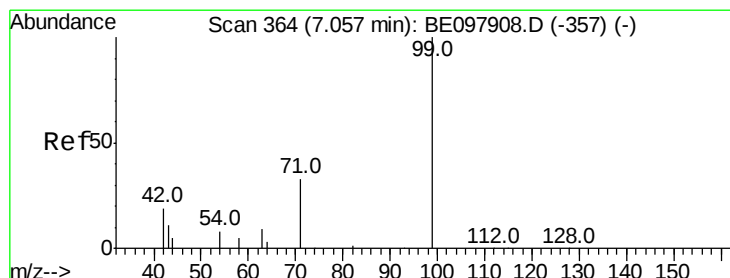
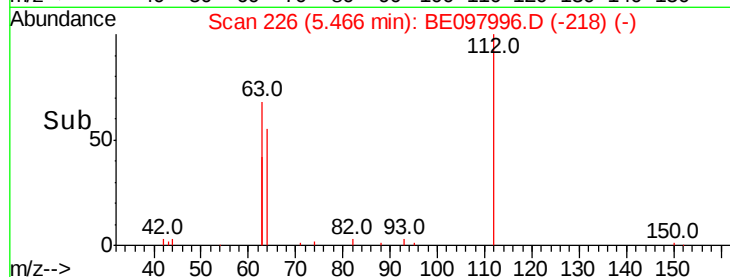
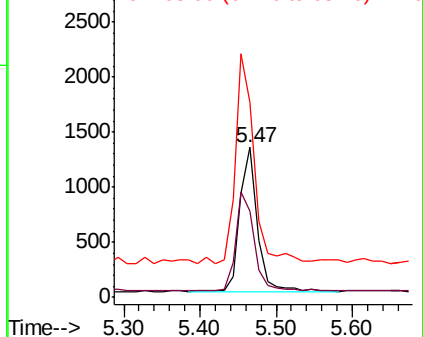
63 157.7 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.248 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

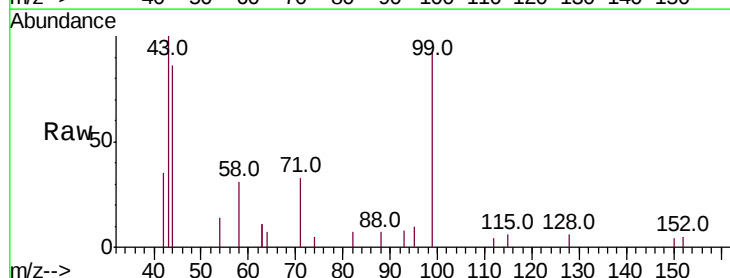
Tgt Ion: 99 Resp: 2725

Ion Ratio Lower Upper

99 100

42 22.7 19.9 29.9

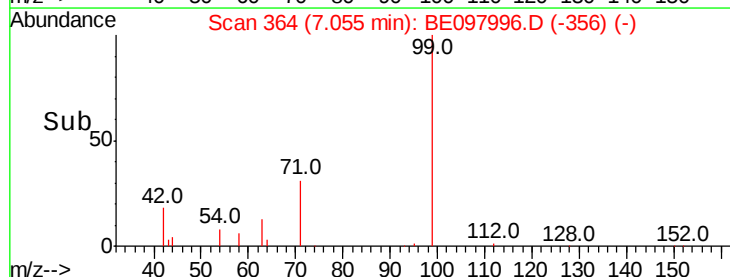
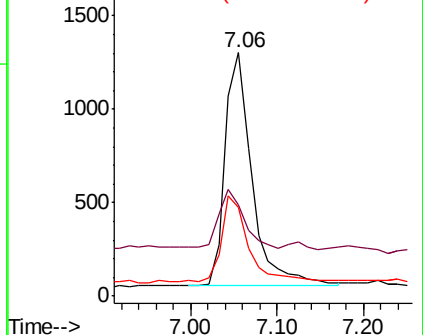
71 37.0 27.8 41.8

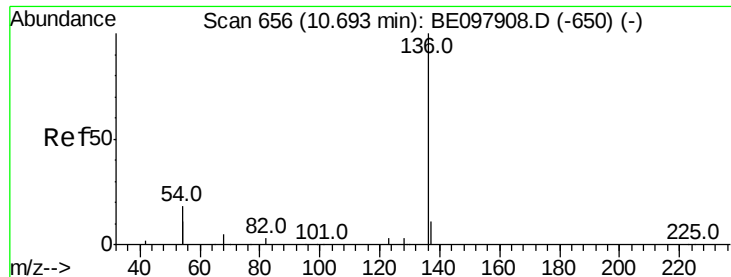


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9962

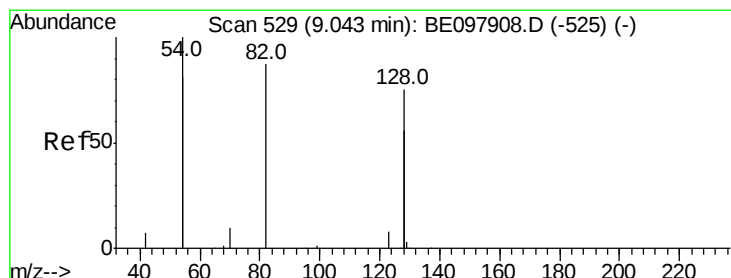
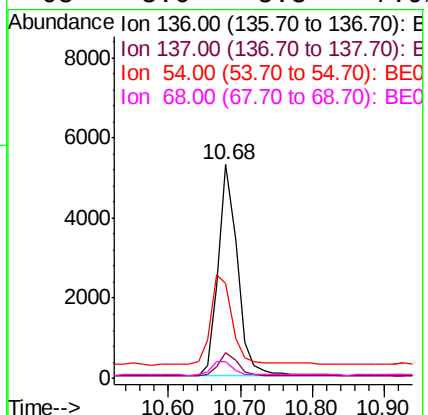
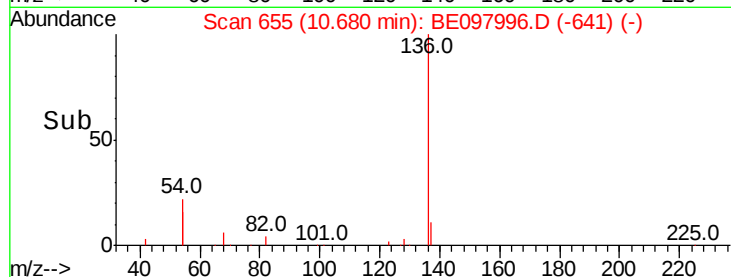
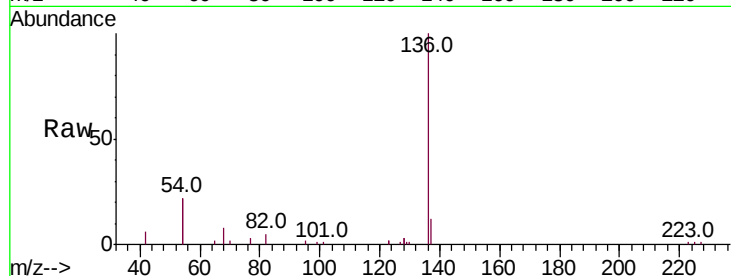
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 44.1 27.7 41.5#

68 8.0 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.243 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

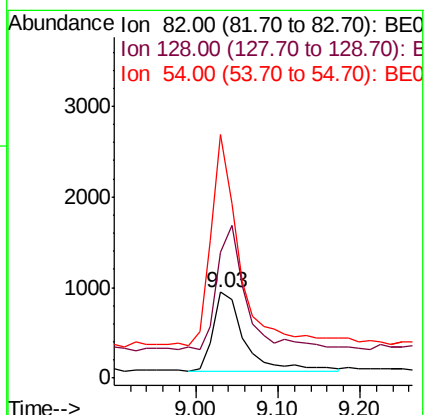
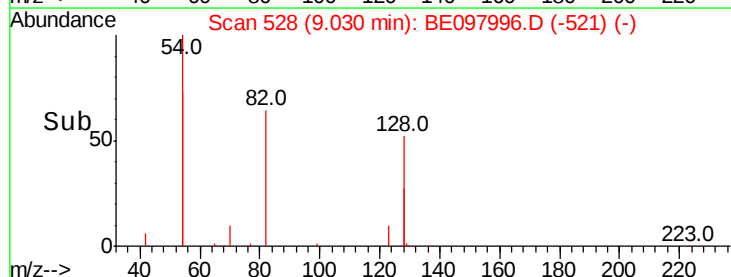
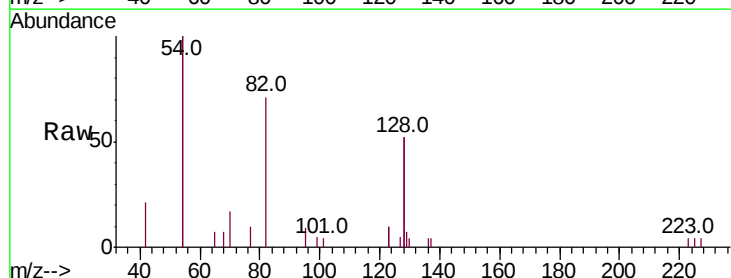
Tgt Ion: 82 Resp: 2288

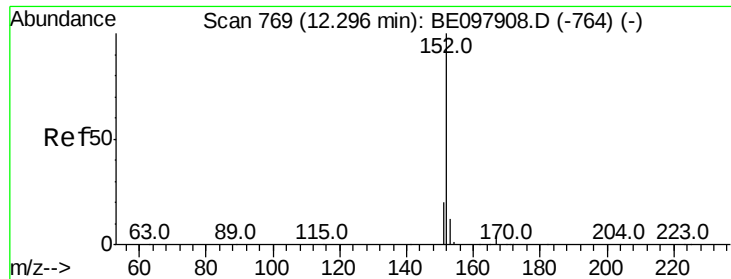
Ion Ratio Lower Upper

82 100

128 145.9 129.9 194.9

54 282.9 174.0 261.0#

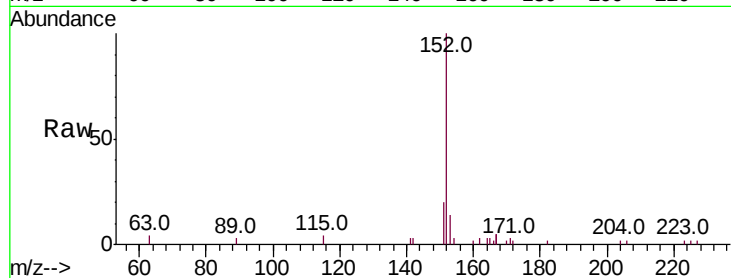




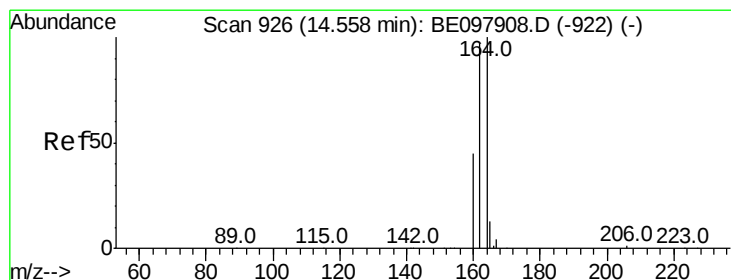
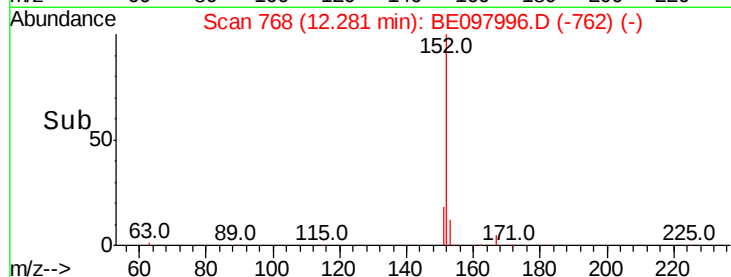
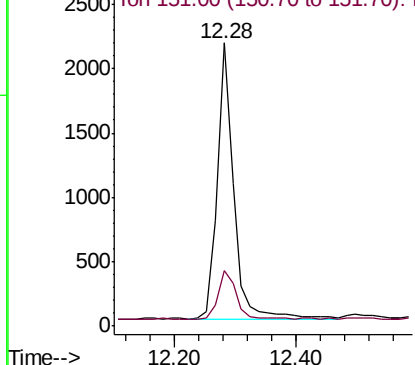
#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097996.D
Acq: 19 Oct 2018 17:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4013
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4

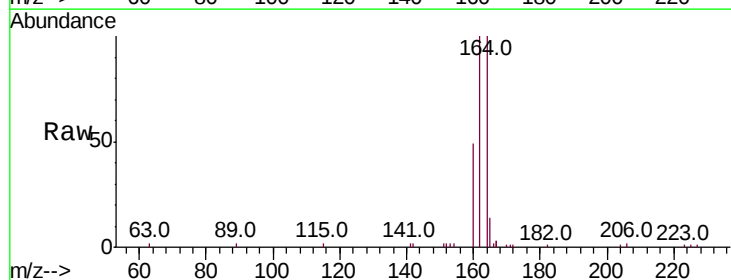


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

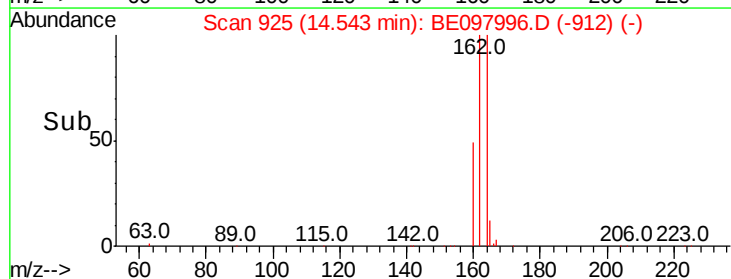
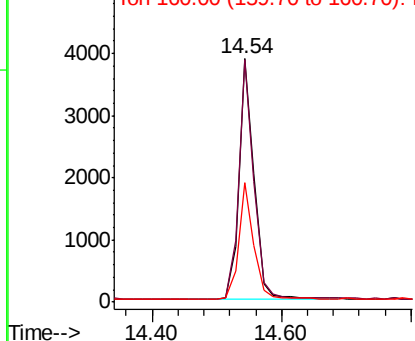


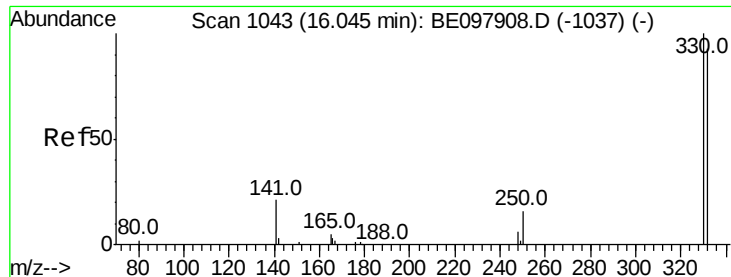
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097996.D
Acq: 19 Oct 2018 17:50

Tgt Ion:164 Resp: 6208
Ion Ratio Lower Upper
164 100
162 99.8 77.4 116.2
160 49.3 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

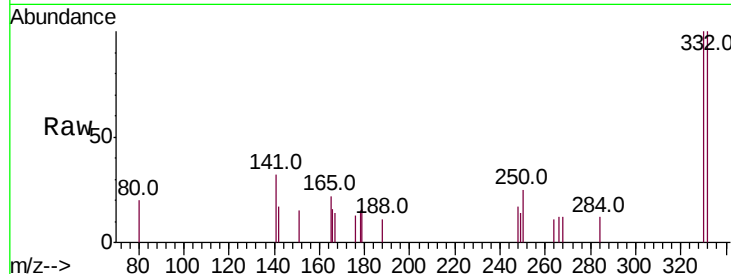




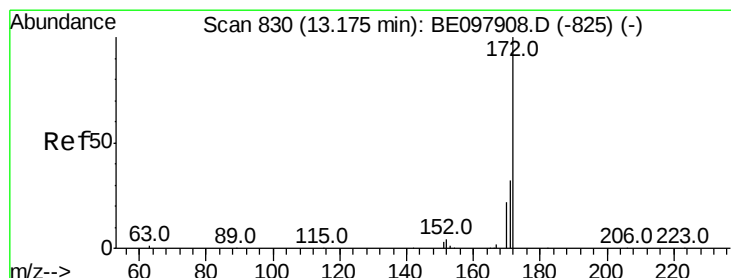
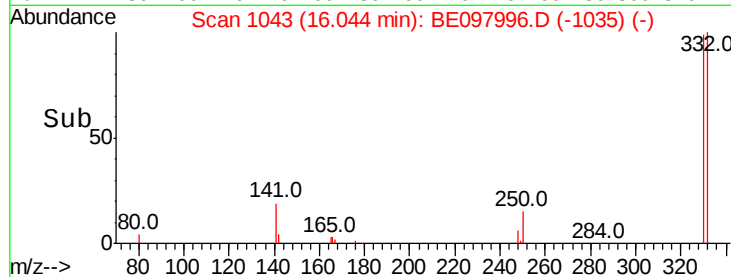
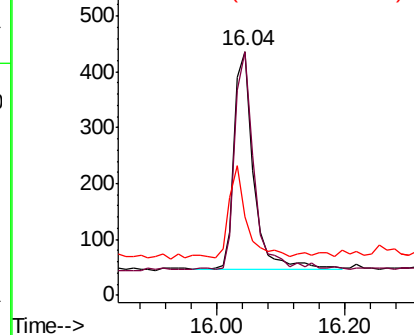
#14
 2,4,6-Tribromophenol
 Concen: 0.247 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097996.D
 Acq: 19 Oct 2018 17:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 825
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.5 114.7
 141 39.2 31.8 47.6

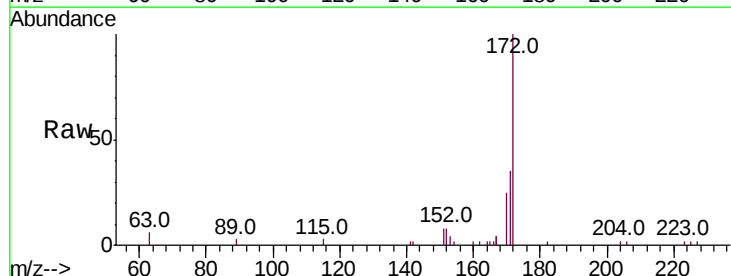


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

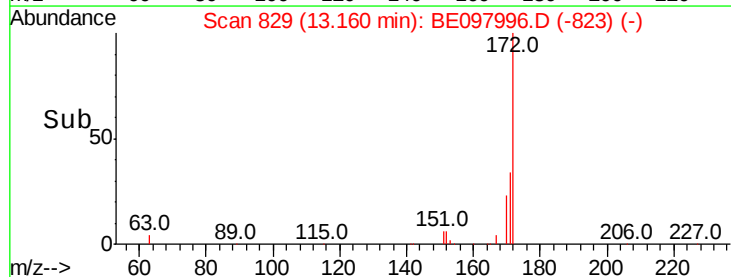
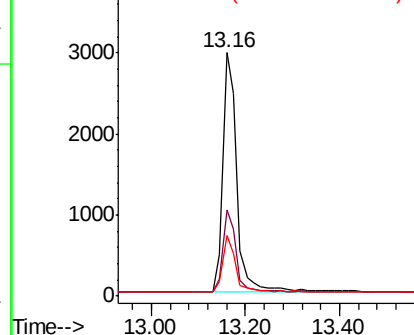


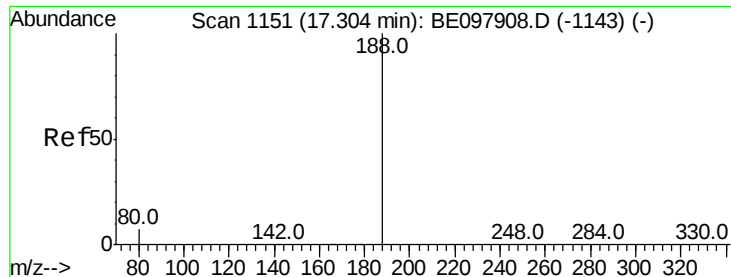
#15
 2-Fluorobiphenyl
 Concen: 0.241 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE097996.D
 Acq: 19 Oct 2018 17:50

Tgt Ion:172 Resp: 6106
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.0 39.0
 170 24.7 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: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

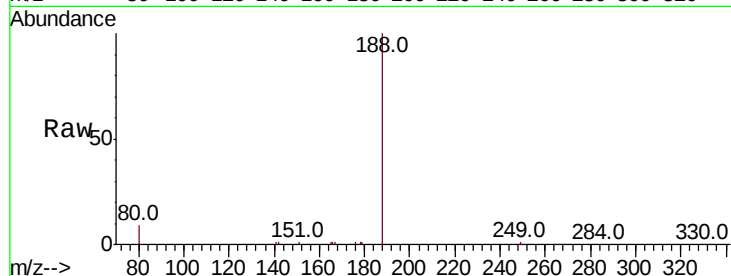
Tot Ion:188 Resp: 17644

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

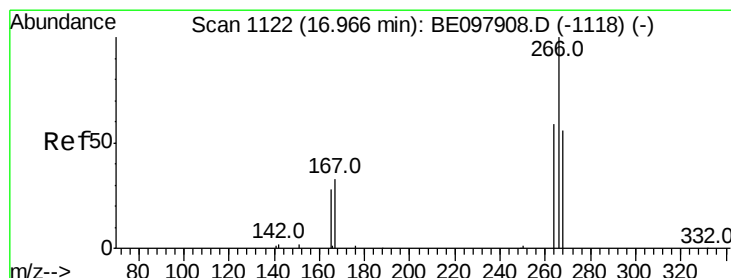
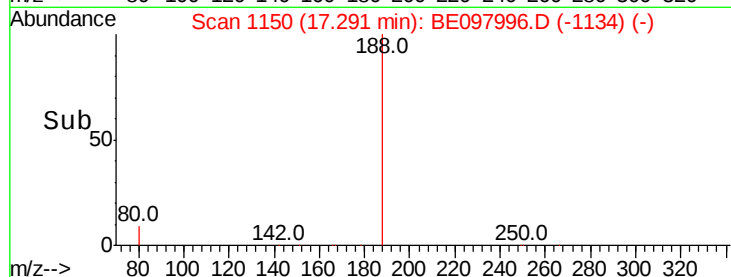
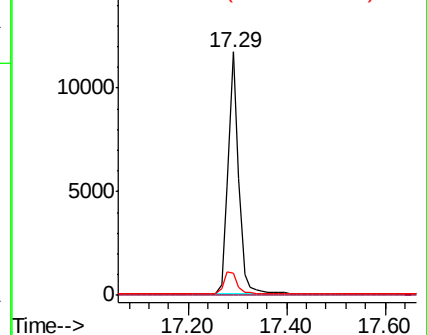
80 9.2 6.3 9.5



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: 0.034 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

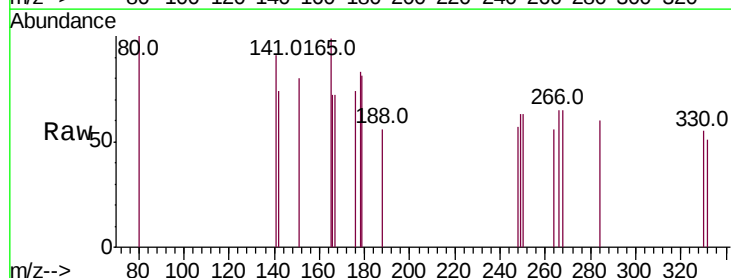
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 86.0 51.3 76.9#

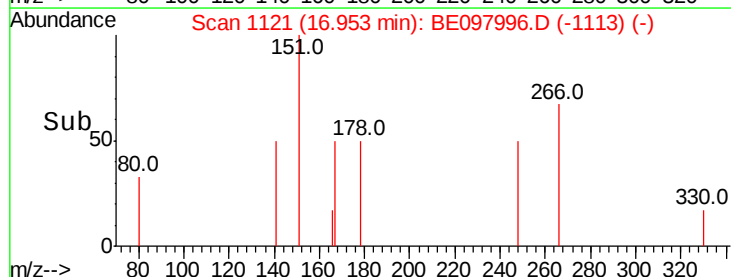
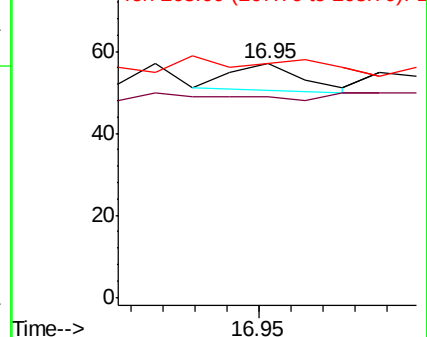
268 100.0 50.1 75.1#

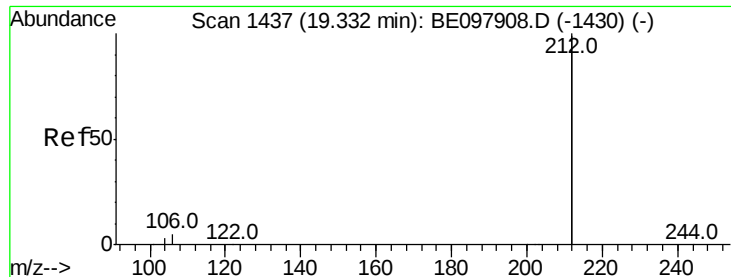


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.268 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

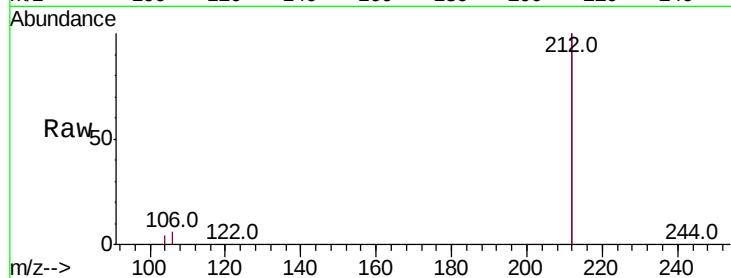
Tot Ion:212 Resp: 64039

Ion Ratio Lower Upper

212 100

106 2.7 2.3 3.5

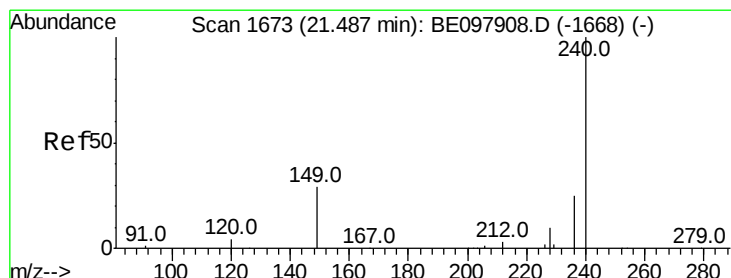
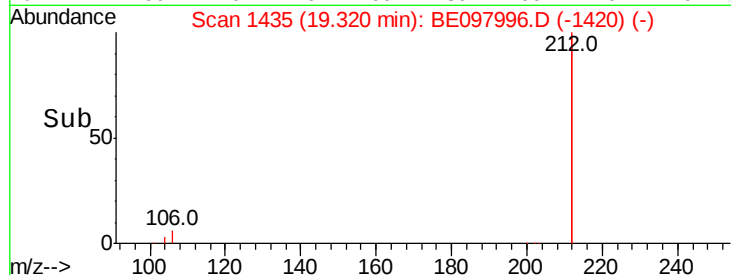
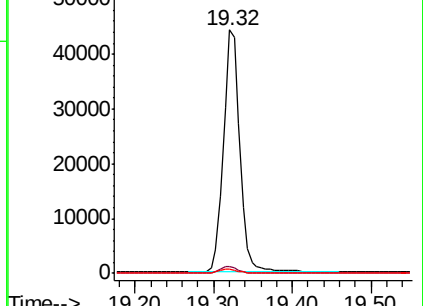
104 1.6 1.3 1.9



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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

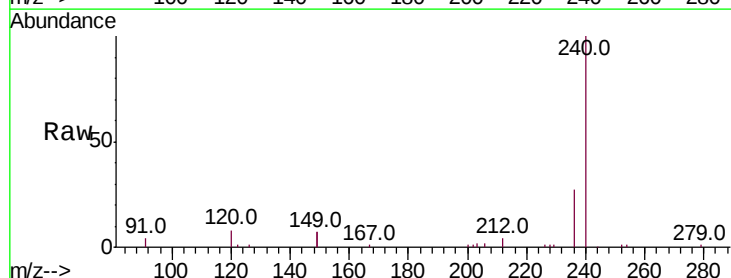
Tgt Ion:240 Resp: 24098

Ion Ratio Lower Upper

240 100

120 7.6 7.1 10.7

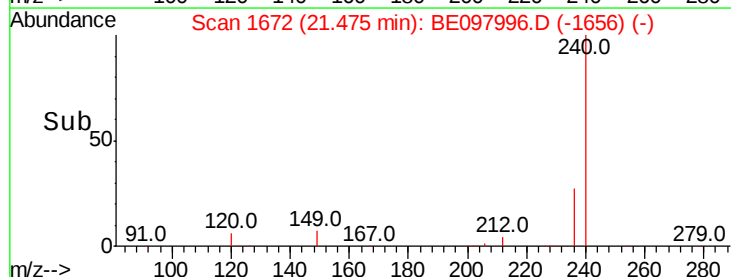
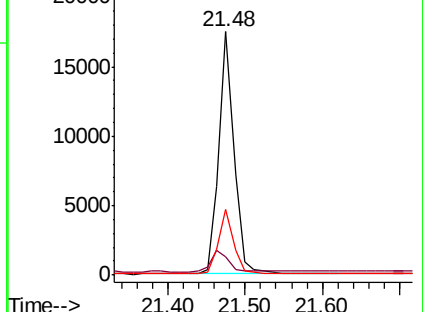
236 27.0 21.3 31.9

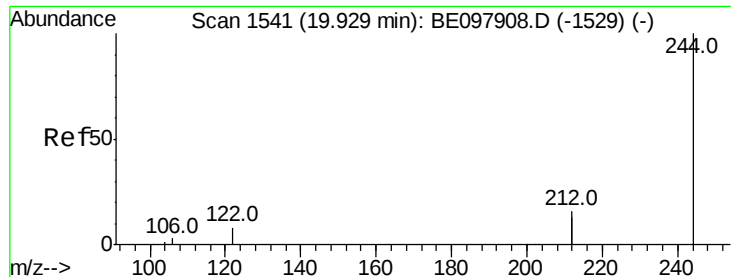


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.330 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

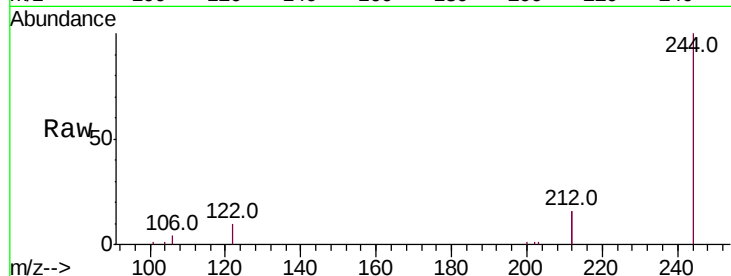
Tot Ion:244 Resp: 18208

Ion Ratio Lower Upper

244 100

212 32.1 26.2 39.2

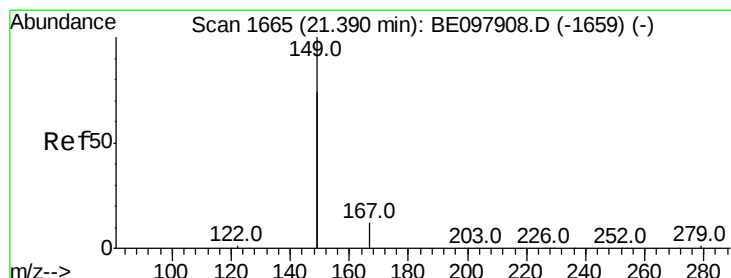
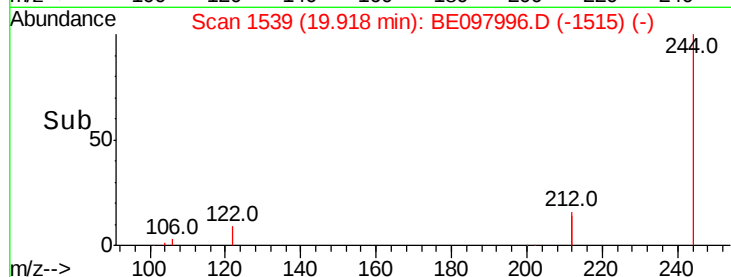
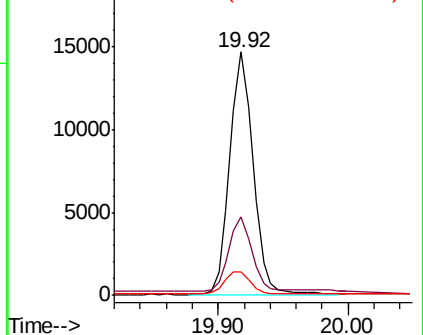
122 9.5 7.7 11.5



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: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

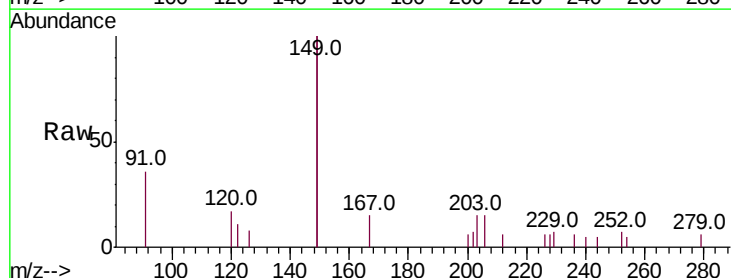
Tgt Ion:149 Resp: 2089

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

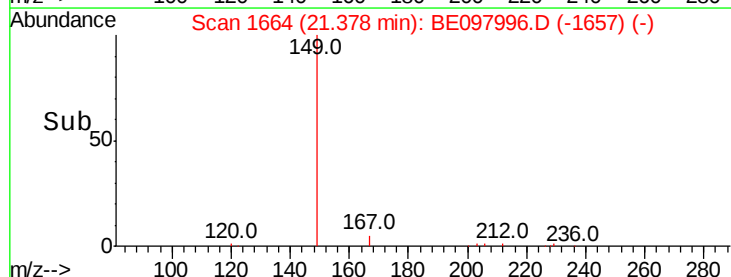
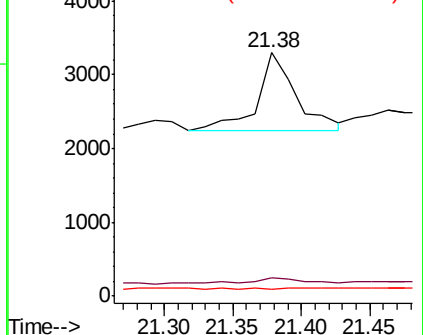
279 2.8 0.9 1.3#

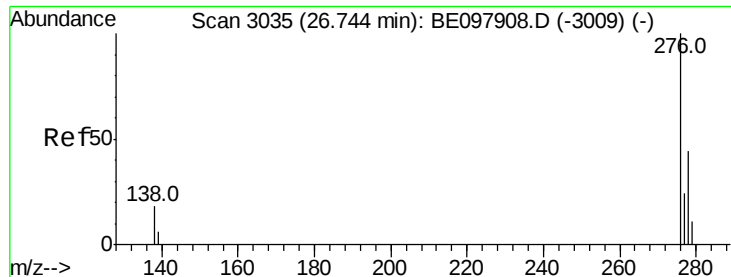


Abundance Ion 149.00 (148.70 to 149.70): E

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: 26.73 min Scan# 3030

Delta R.T. -0.02 min

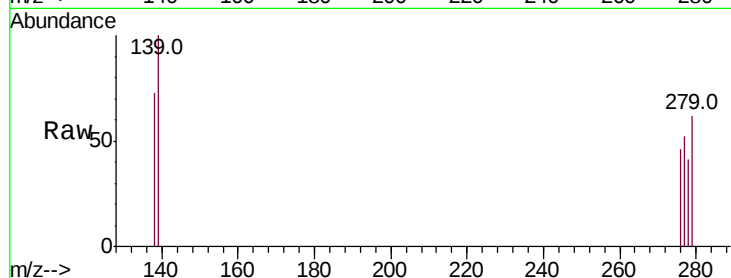
Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :



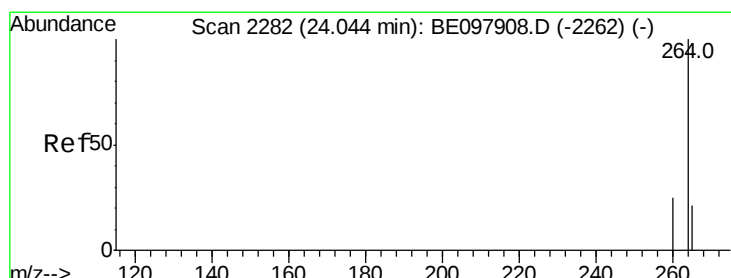
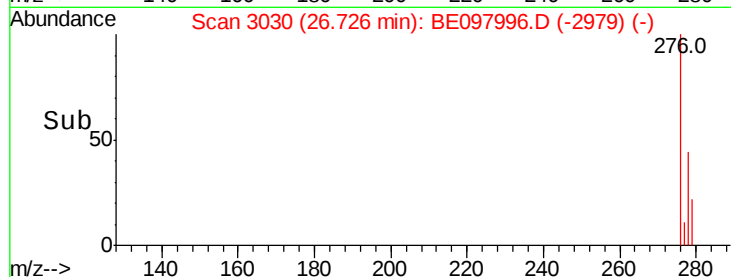
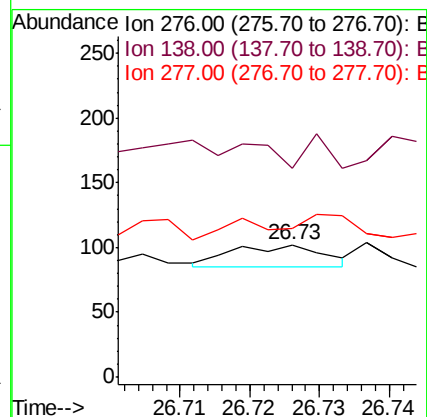
Tot Ion:276 Resp: 15

Ion Ratio Lower Upper

276 100

138 0.0 17.0 25.6#

277 86.7 20.5 30.7#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Tgt Ion:264 Resp: 23879

Ion Ratio Lower Upper

264 100

260 25.0 21.1 31.7

265 27.7 29.2 43.8#

