

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097980.D
 Acq On : 18 Oct 2018 16:46
 Operator : SJ/JU
 Sample : J5364-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:08:29 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

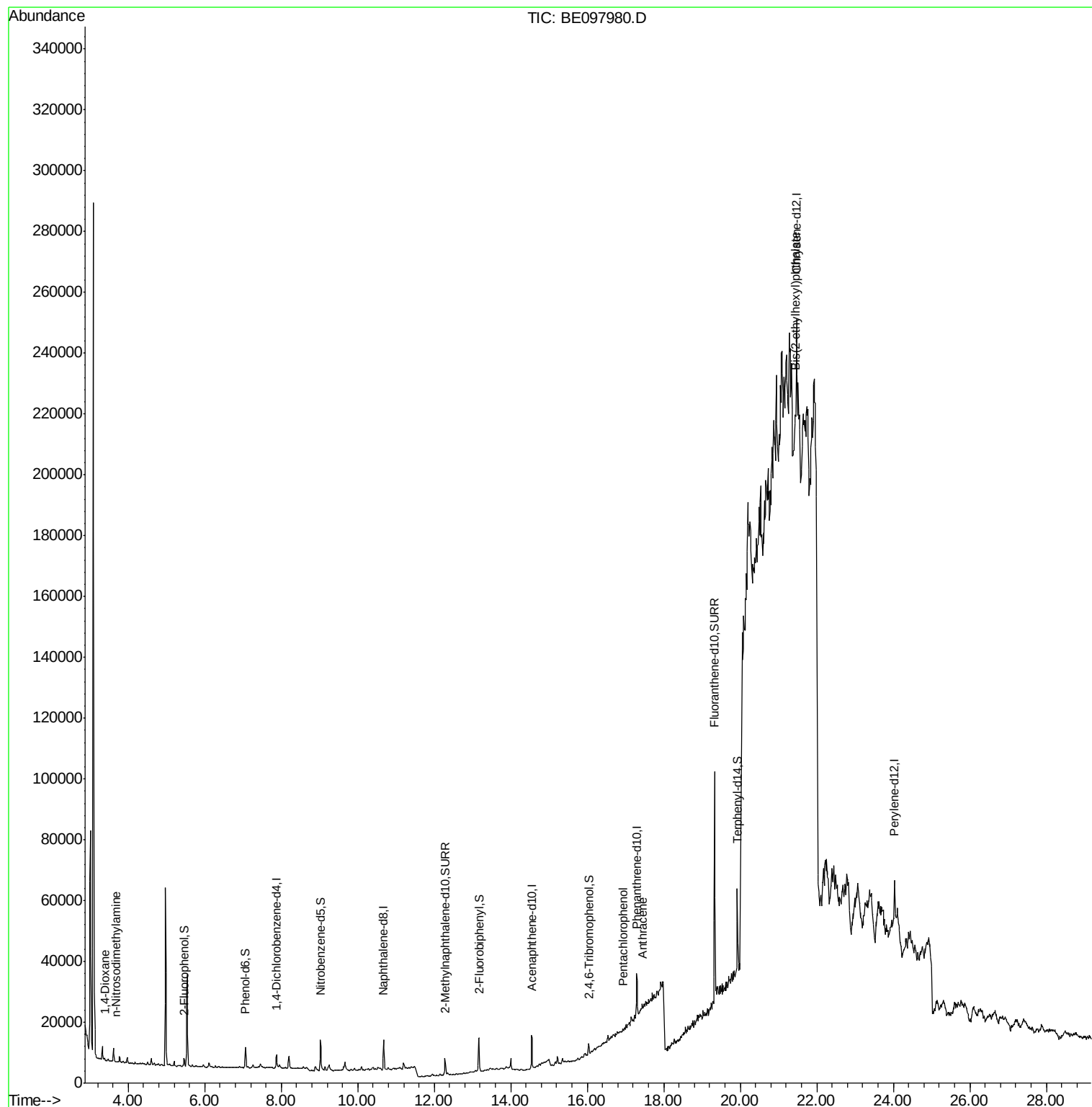
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2146	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10584	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8124	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	19944	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	21478	0.40	ng	-0.01
34) Perylene-d12	24.04	264	21431	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1311	0.19	ng	0.00
5) Phenol-d6	7.06	99	1153	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	3921	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7210	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1896	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	12279	0.37	ng	0.00
25) Fluoranthene-d10	19.33	212	93966	0.35	ng	0.00
29) Terphenyl-d14	19.92	244	25746	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	377	0.101	ng	# 4
3) n-Nitrosodimethylamine	3.69	42	128	0.031	ng	# 8
22) Pentachlorophenol	16.94	266	31	0.042	ng	# 43
24) Anthracene	17.43	178	1775	0.037	ng	# 41
32) Bis(2-ethylhexyl)phthalate	21.44	149	54412	0.337	ng	# 82
33) Indeno(1,2,3-cd)pyrene	26.72	276	32	Below Cal		# 1

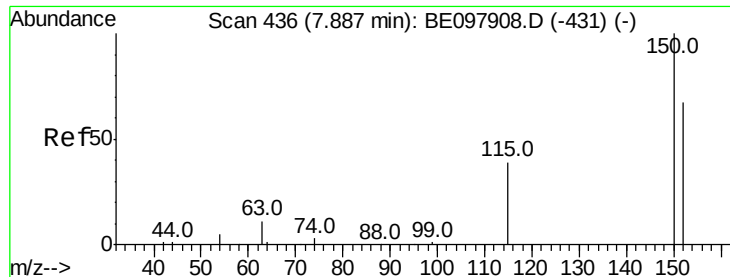
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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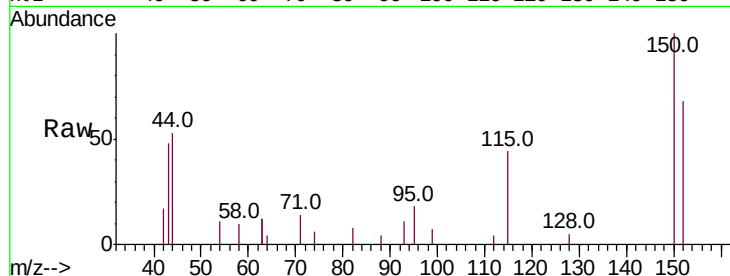


#1

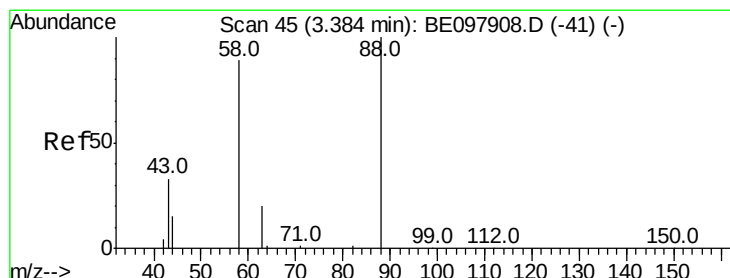
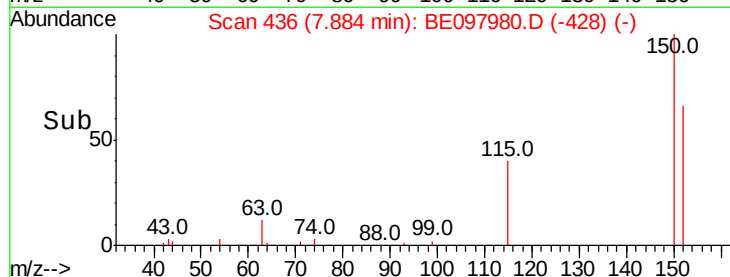
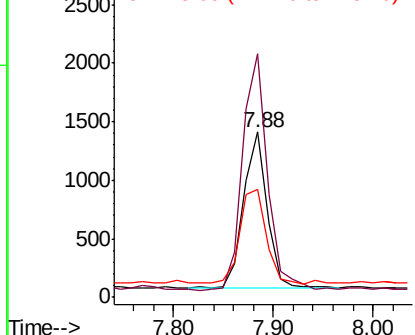
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097980.D
Acq: 18 Oct 2018 16:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2146
Ion Ratio Lower Upper
152 100
150 147.4 118.2 177.4
115 65.6 50.9 76.3



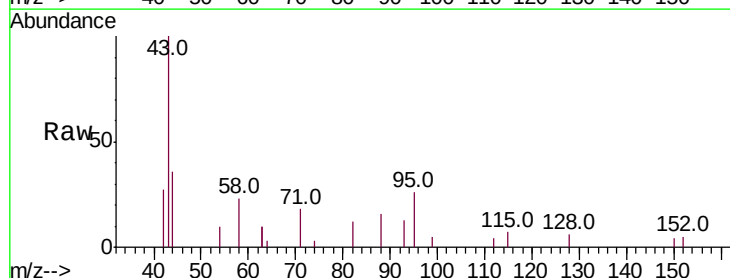
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



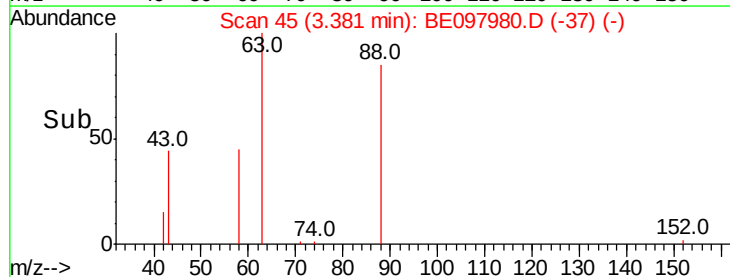
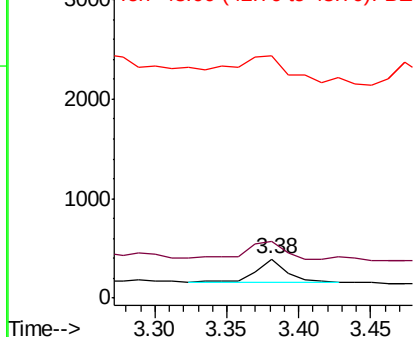
#2

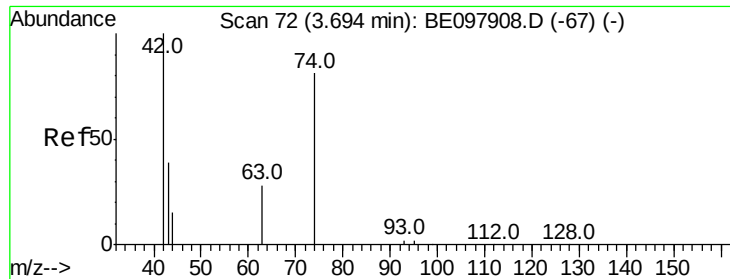
1,4-Dioxane
Concen: 0.101 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097980.D
Acq: 18 Oct 2018 16:46

Tgt Ion: 88 Resp: 377
Ion Ratio Lower Upper
88 100
58 80.1 73.2 109.8
43 219.1 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



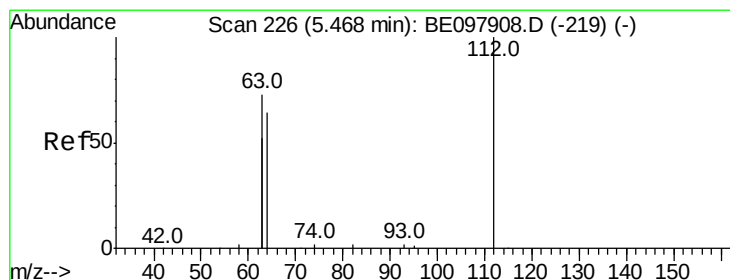
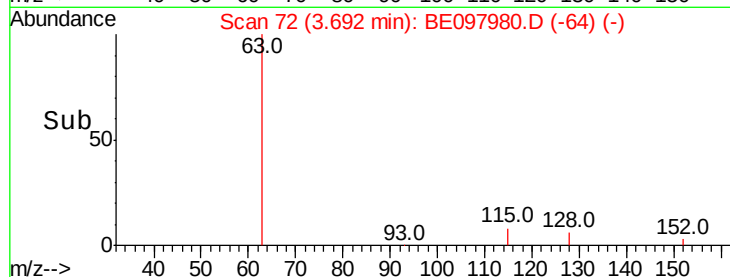
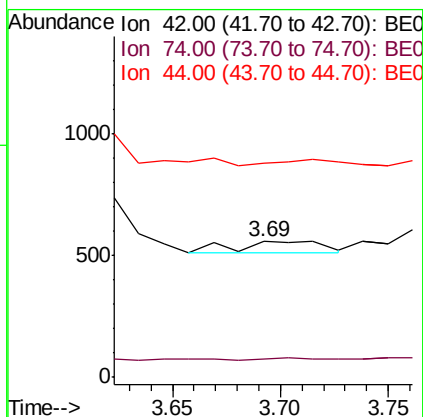
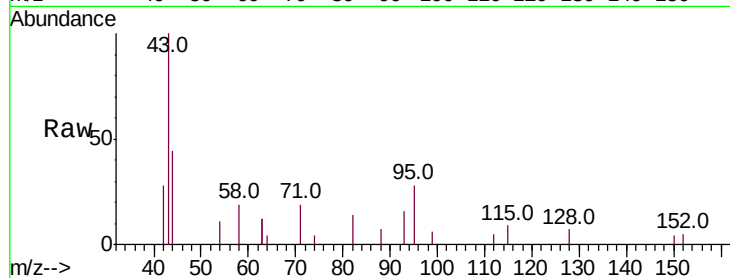


#3

n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

Instrument :
 BNA_E
 ClientSampleId :

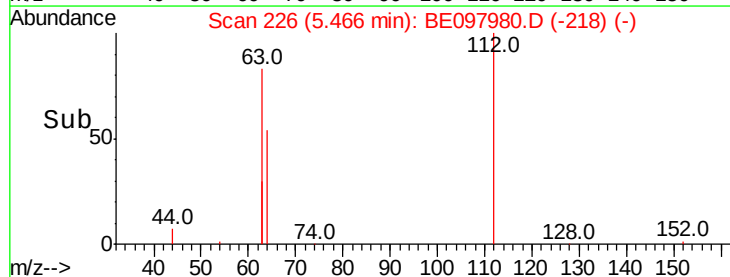
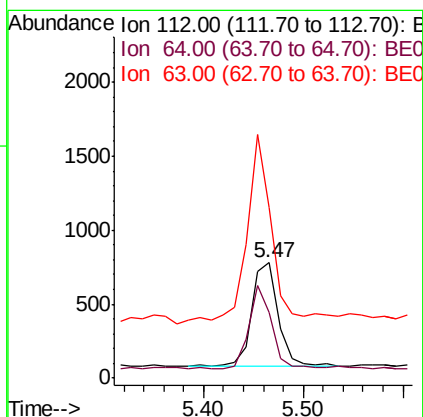
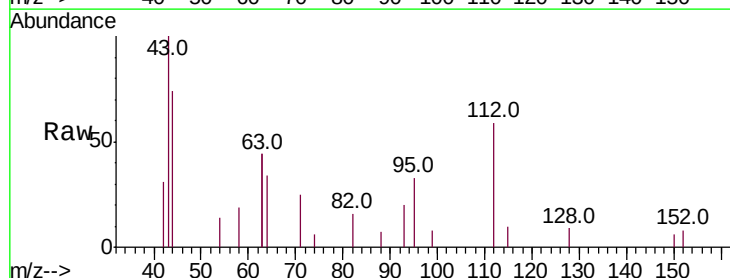
Tot Ion: 42 Resp: 128
 Ion Ratio Lower Upper
 42 100
 74 0.0 77.6 116.4#
 44 0.0 7.6 11.4#

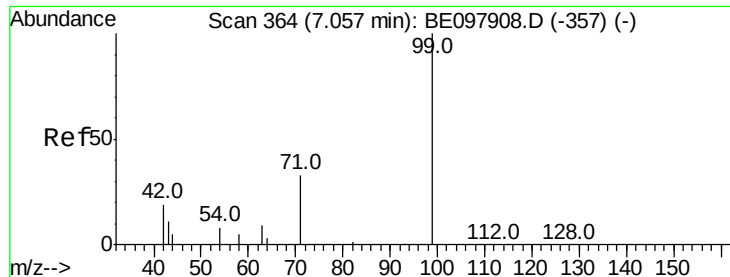


#4

2-Fluorophenol
 Concen: 0.194 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

Tgt Ion: 112 Resp: 1311
 Ion Ratio Lower Upper
 112 100
 64 67.0 58.9 88.3
 63 157.5 120.3 180.5





#5

Phenol-d6

Concen: 0.115 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

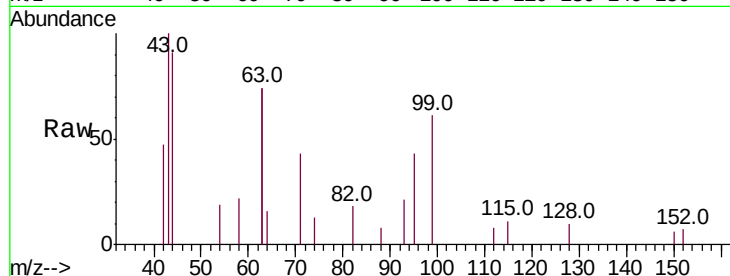
Tot Ion: 99 Resp: 1153

Ion Ratio Lower Upper

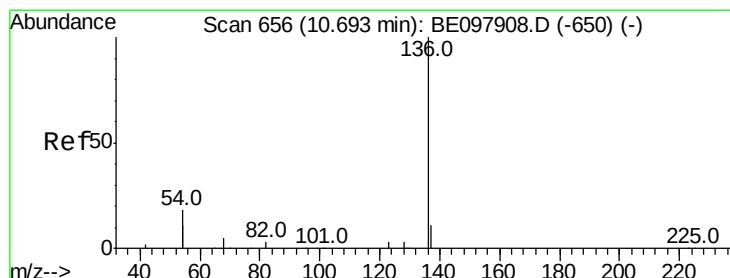
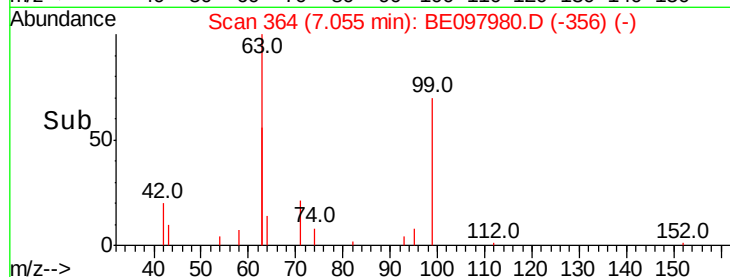
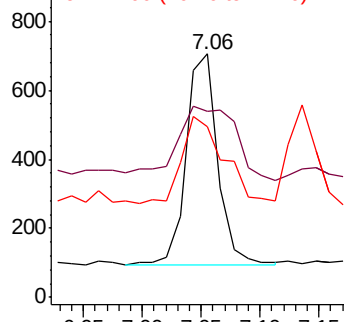
99 100

42 63.8 19.9 29.9#

71 54.9 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: BE097980.D

Acq: 18 Oct 2018 16:46

Tgt Ion:136 Resp: 10584

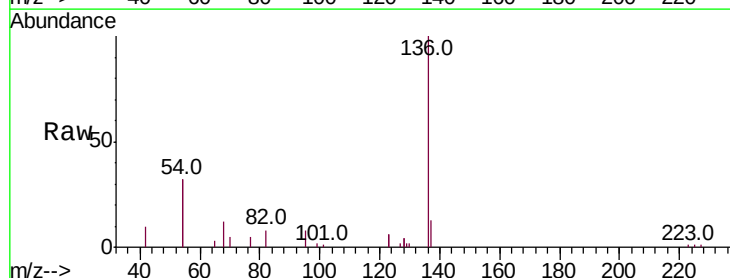
Ion Ratio Lower Upper

136 100

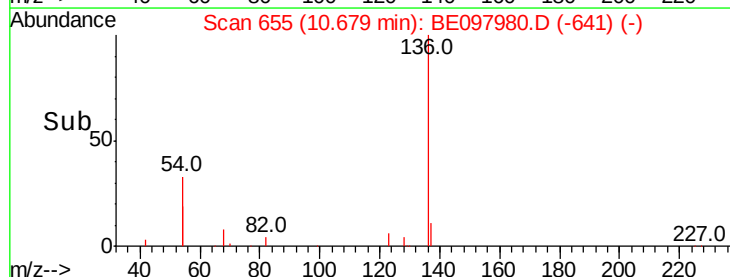
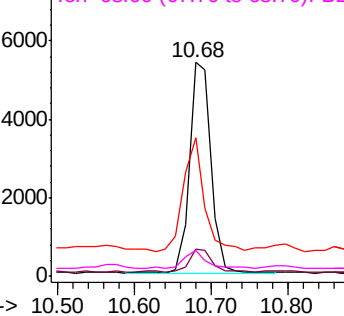
137 12.8 9.6 14.4

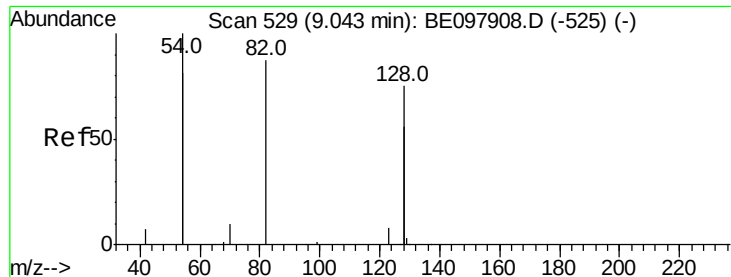
54 64.6 27.7 41.5#

68 12.0 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: 0.391 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

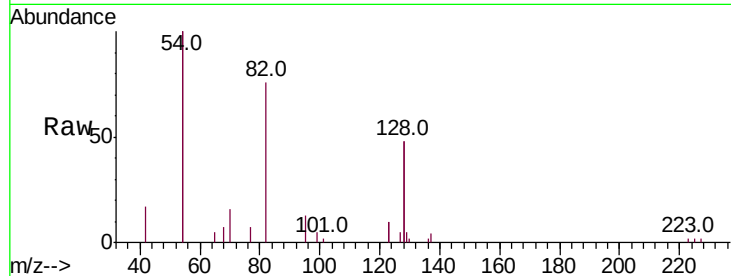
Tot Ion: 82 Resp: 3921

Ion Ratio Lower Upper

82 100

128 126.0 129.9 194.9#

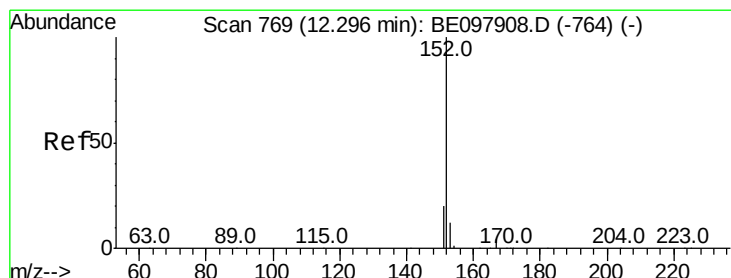
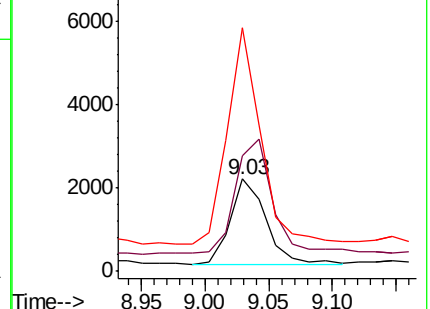
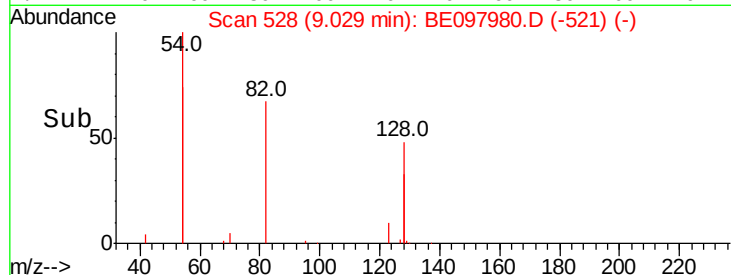
54 264.5 174.0 261.0#



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: 0.409 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097980.D

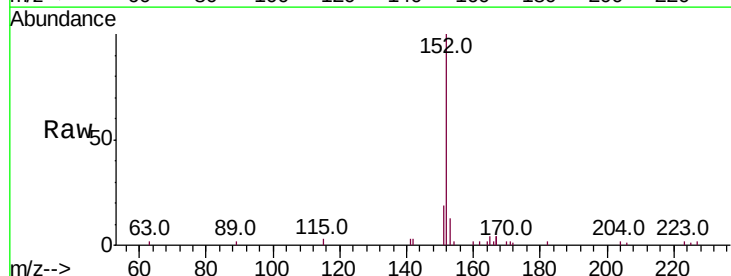
Acq: 18 Oct 2018 16:46

Tgt Ion: 152 Resp: 7210

Ion Ratio Lower Upper

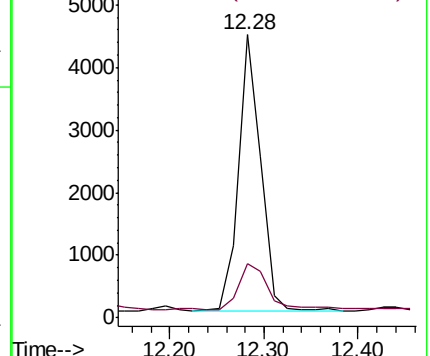
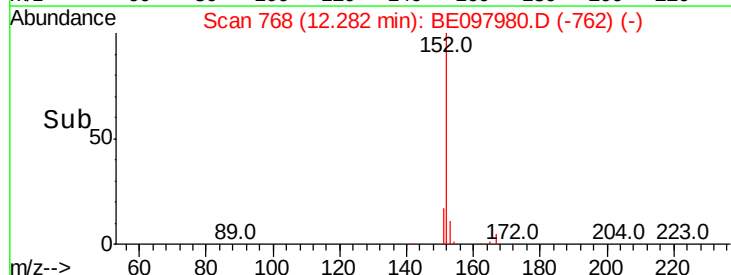
152 100

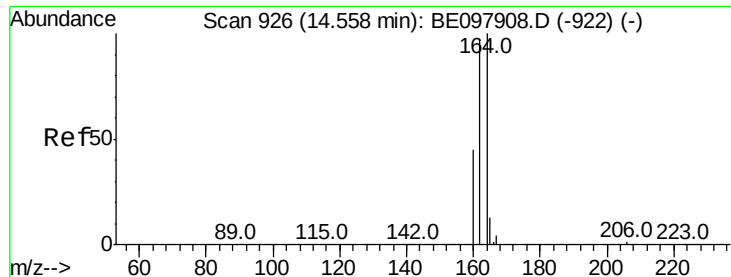
151 21.1 16.2 24.4



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: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

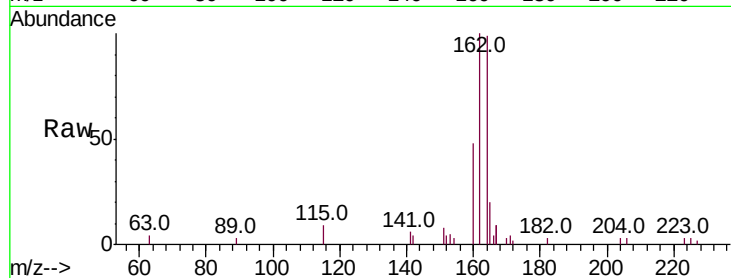
Tot Ion:164 Resp: 8124

Ion Ratio Lower Upper

164 100

162 100.5 77.4 116.2

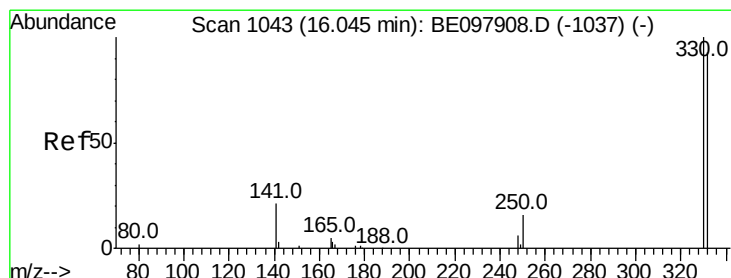
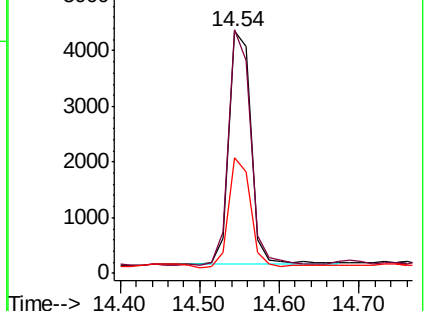
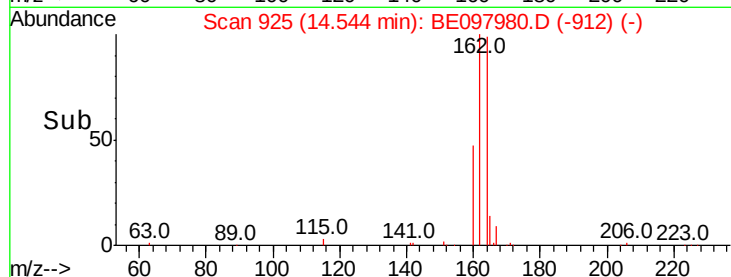
160 47.8 36.5 54.7



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: 0.434 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

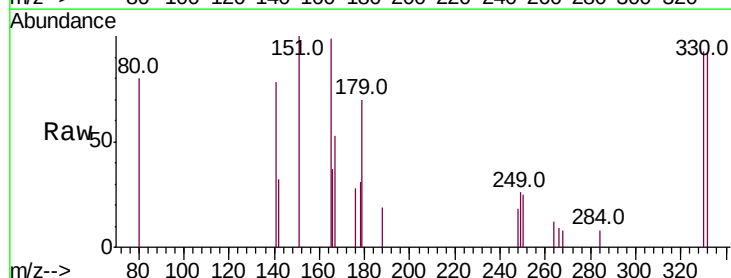
Tgt Ion:330 Resp: 1896

Ion Ratio Lower Upper

330 100

332 97.8 76.5 114.7

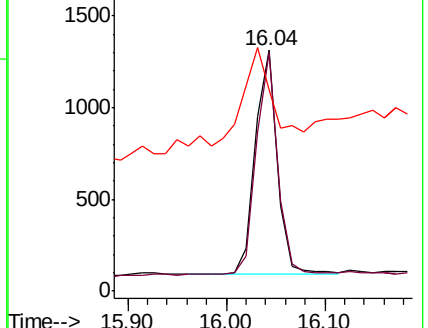
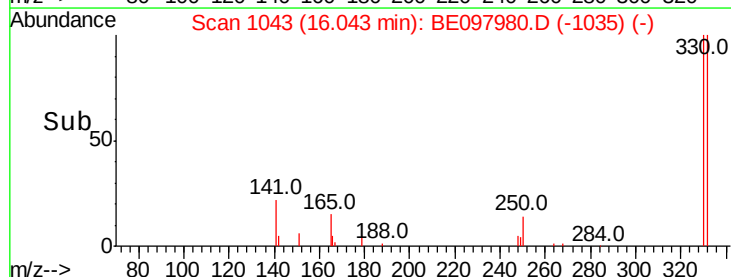
141 61.0 31.8 47.6#

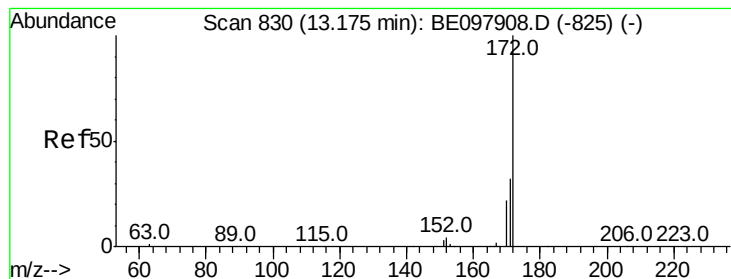


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.370 ng

RT: 13.18 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

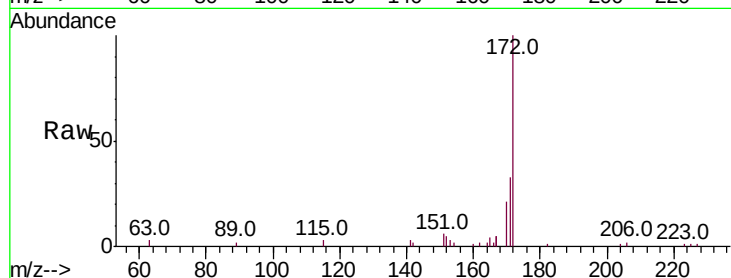
Instrument :

BNA_E

ClientSampleId :

Tot Ion:172 Resp: 12279

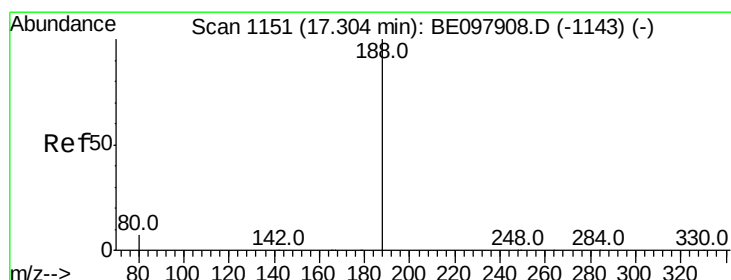
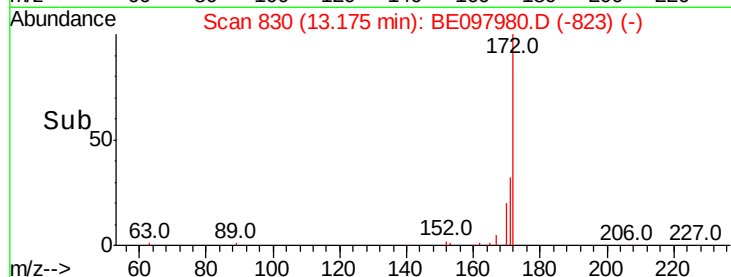
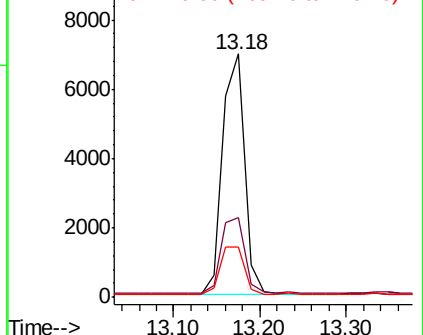
Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.0	39.0
170	20.8	18.0	27.0



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

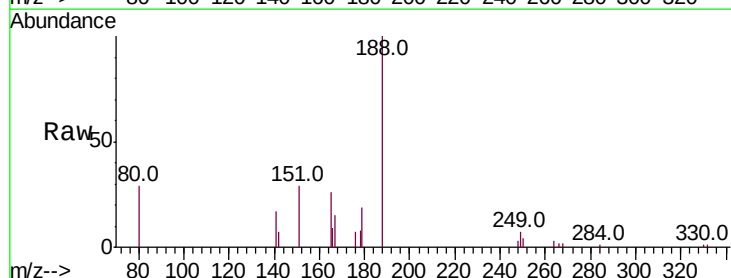
Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Tgt Ion:188 Resp: 19944

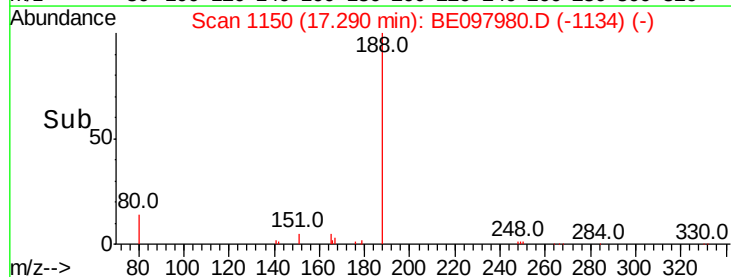
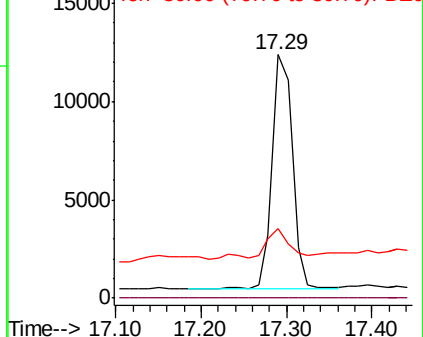
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	28.7	6.3	9.5#

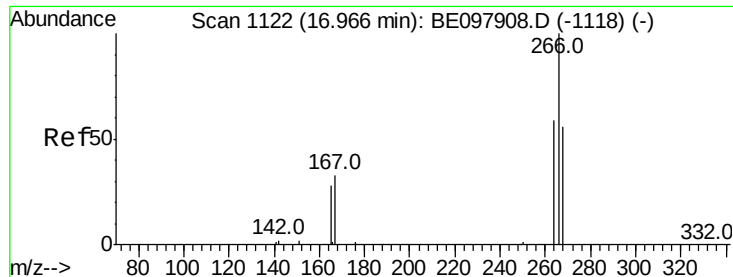


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.042 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BE097980.D

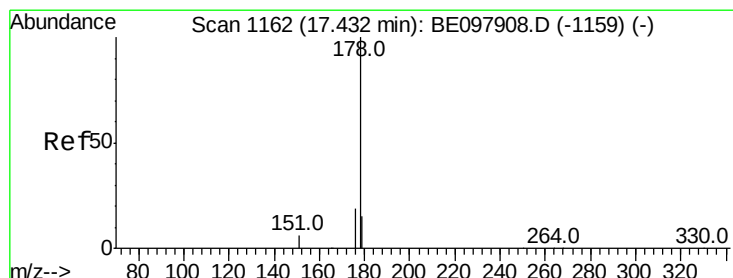
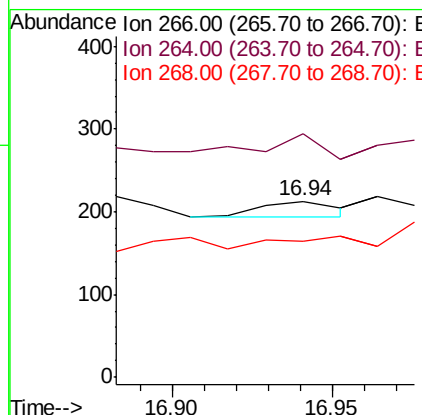
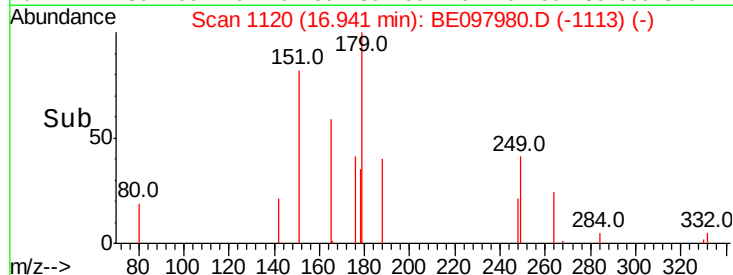
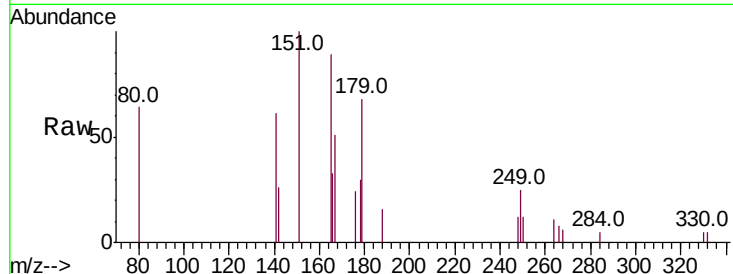
Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:266	Resp:	31
Ion Ratio	Lower	Upper
266	100	
264	138.0	51.3 76.9#
268	77.5	50.1 75.1#



#24

Anthracene

Concen: 0.037 ng

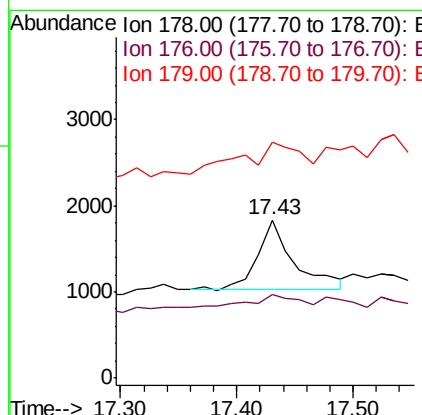
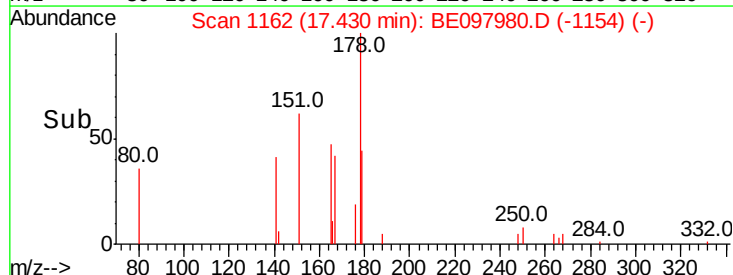
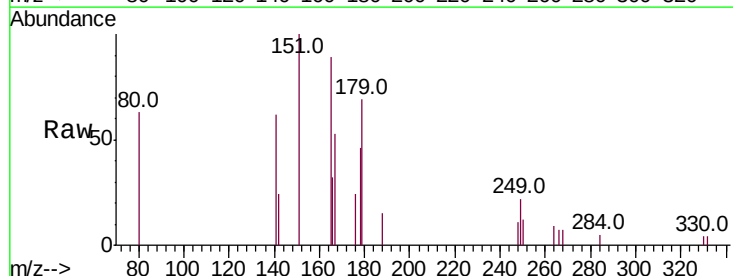
RT: 17.43 min Scan# 1162

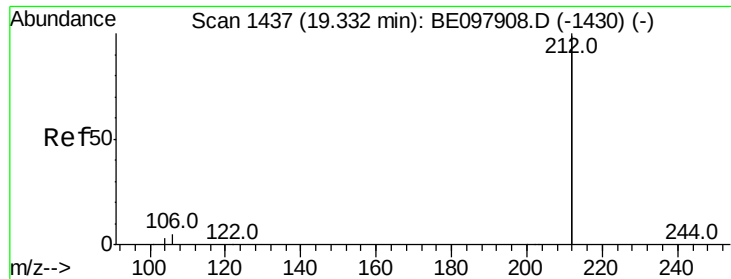
Delta R.T. -0.00 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Tgt Ion:178	Resp:	1775
Ion Ratio	Lower	Upper
178	100	
176	21.2	14.9 22.3
179	66.5	11.9 17.9#





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampled :

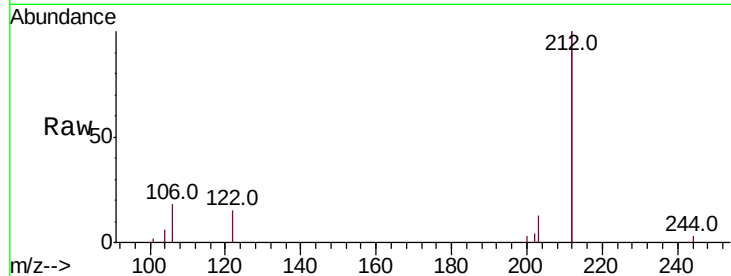
Tot Ion:212 Resp: 93966

Ion Ratio Lower Upper

212 100

106 4.7 2.3 3.5#

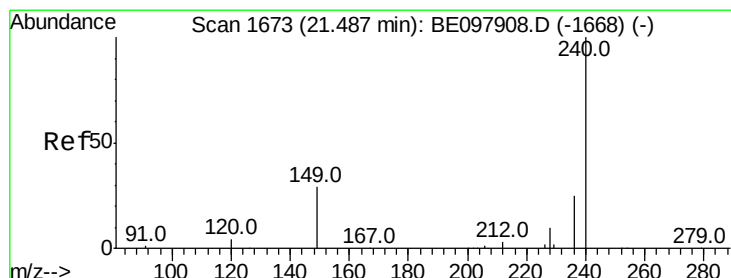
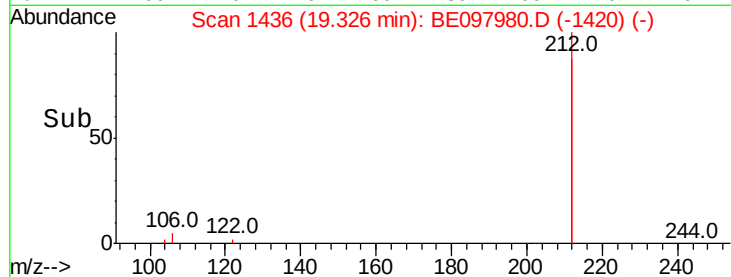
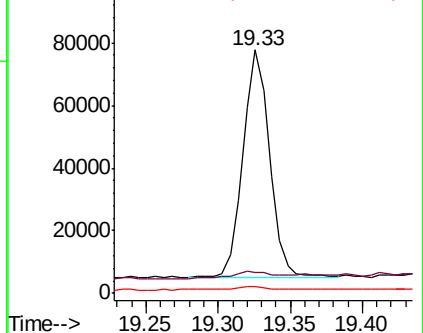
104 2.5 1.3 1.9#



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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

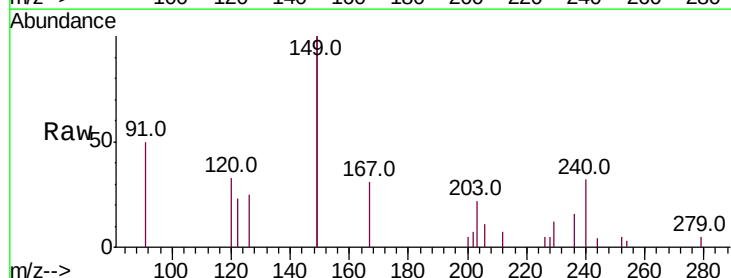
Tgt Ion:240 Resp: 21478

Ion Ratio Lower Upper

240 100

120 103.2 7.1 10.7#

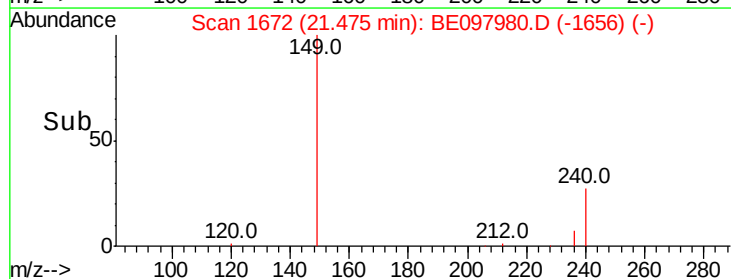
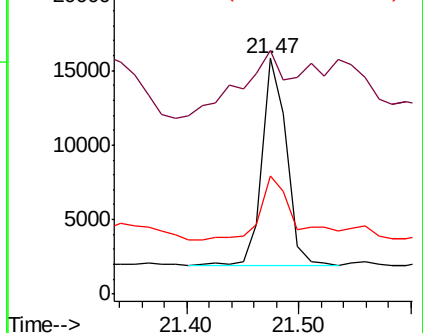
236 50.0 21.3 31.9#

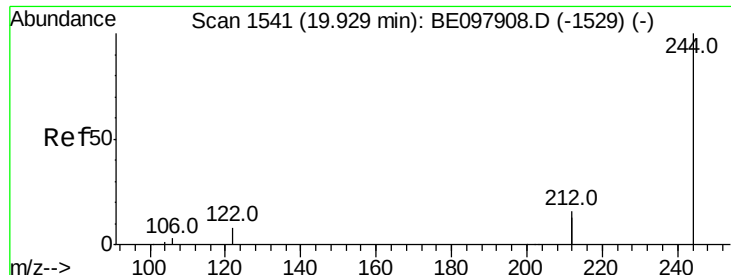


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.523 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

Instrument :

BNA_E

ClientSampleId :

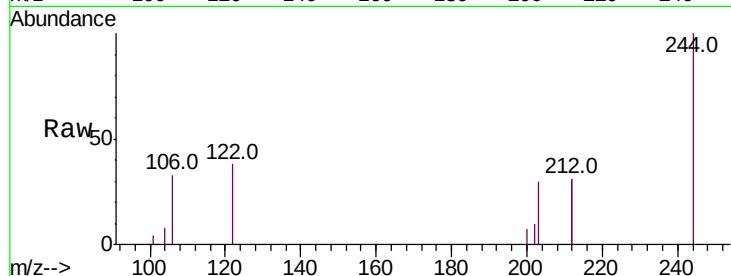
Tot Ion:244 Resp: 25746

Ion Ratio Lower Upper

244 100

212 62.3 26.2 39.2#

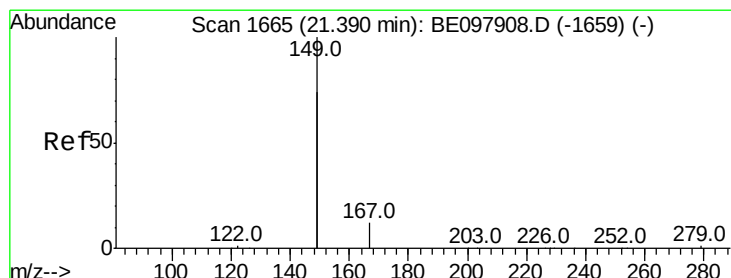
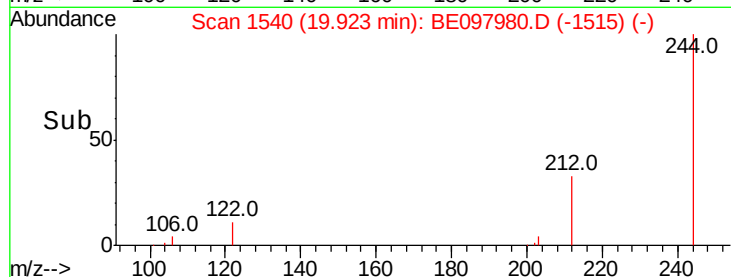
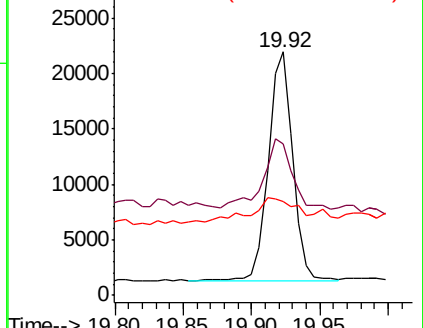
122 38.3 7.7 11.5#



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: 0.337 ng

RT: 21.44 min Scan# 1669

Delta R.T. 0.05 min

Lab File: BE097980.D

Acq: 18 Oct 2018 16:46

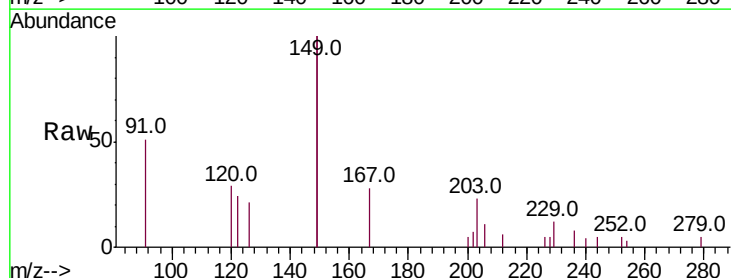
Tgt Ion:149 Resp: 54412

Ion Ratio Lower Upper

149 100

167 0.0 5.6 8.4#

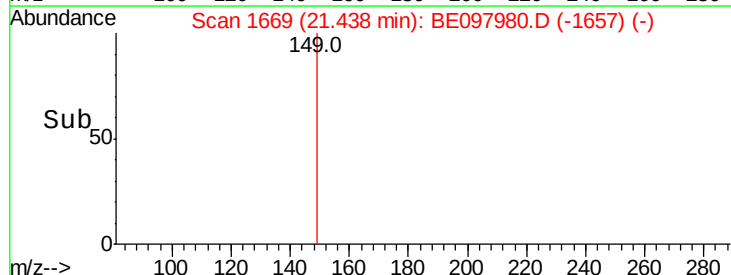
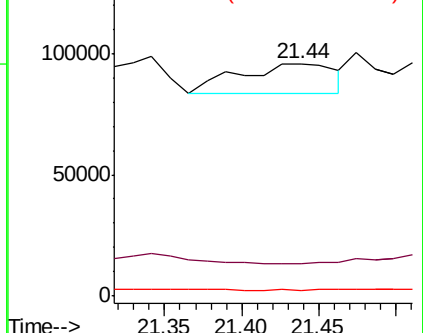
279 0.0 0.9 1.3#

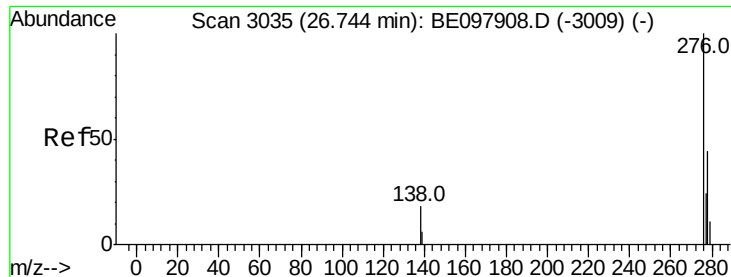


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

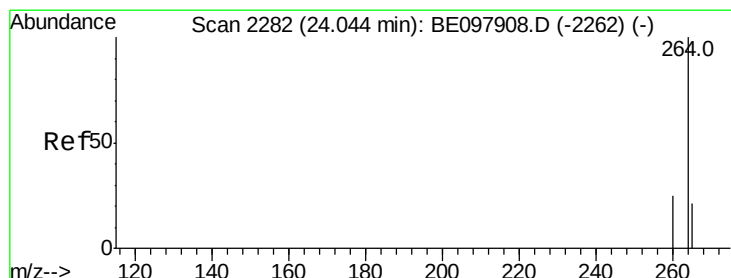
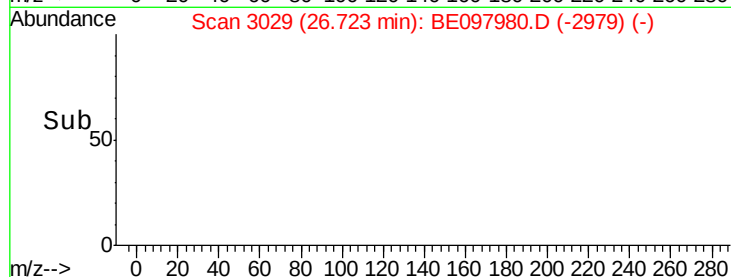
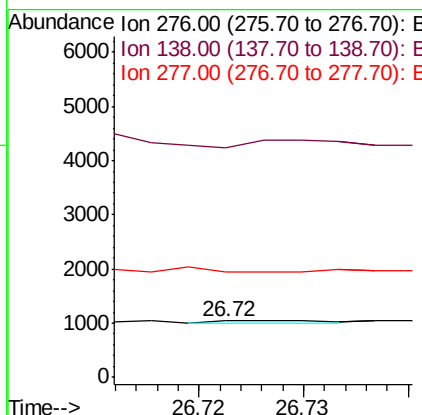
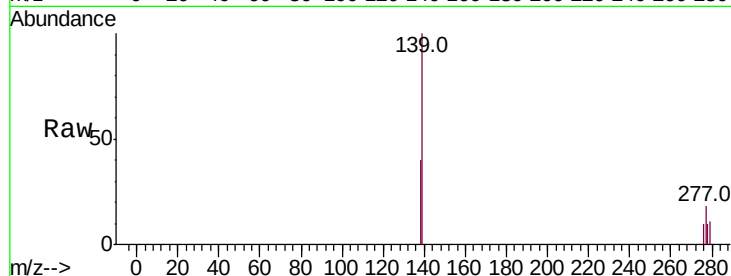




#33
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 26.72 min Scan# 3029
 Delta R.T. -0.02 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 32
 Ion Ratio Lower Upper
 276 100
 138 562.5 17.0 25.6#
 277 237.5 20.5 30.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BE097980.D
 Acq: 18 Oct 2018 16:46

Tgt Ion:264 Resp: 21431
 Ion Ratio Lower Upper
 264 100
 260 33.9 21.1 31.7#
 265 43.7 29.2 43.8

