

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097578.D
 Acq On : 20 Sep 2018 17:49
 Operator : SJ/JU
 Sample : J4913-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB01-20180913

Quant Time: Sep 21 06:00:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	649	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	2943	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1948	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6318	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8060	0.40	ng	0.00
34) Perylene-d12	23.21	264	8066	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	314	0.16	ng	0.00
5) Phenol-d6	6.64	99	138	0.06	ng	0.03
8) Nitrobenzene-d5	8.54	82	945	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	1868	0.46	ng	0.02
14) 2,4,6-Tribromophenol	15.54	330	34	0.14	ng	0.02
15) 2-Fluorobiphenyl	12.63	172	4207	0.61	ng	0.01
25) Fluoranthene-d10	18.80	212	36457	0.45	ng	0.00
29) Terphenyl-d14	19.41	244	8144	0.55	ng	0.00

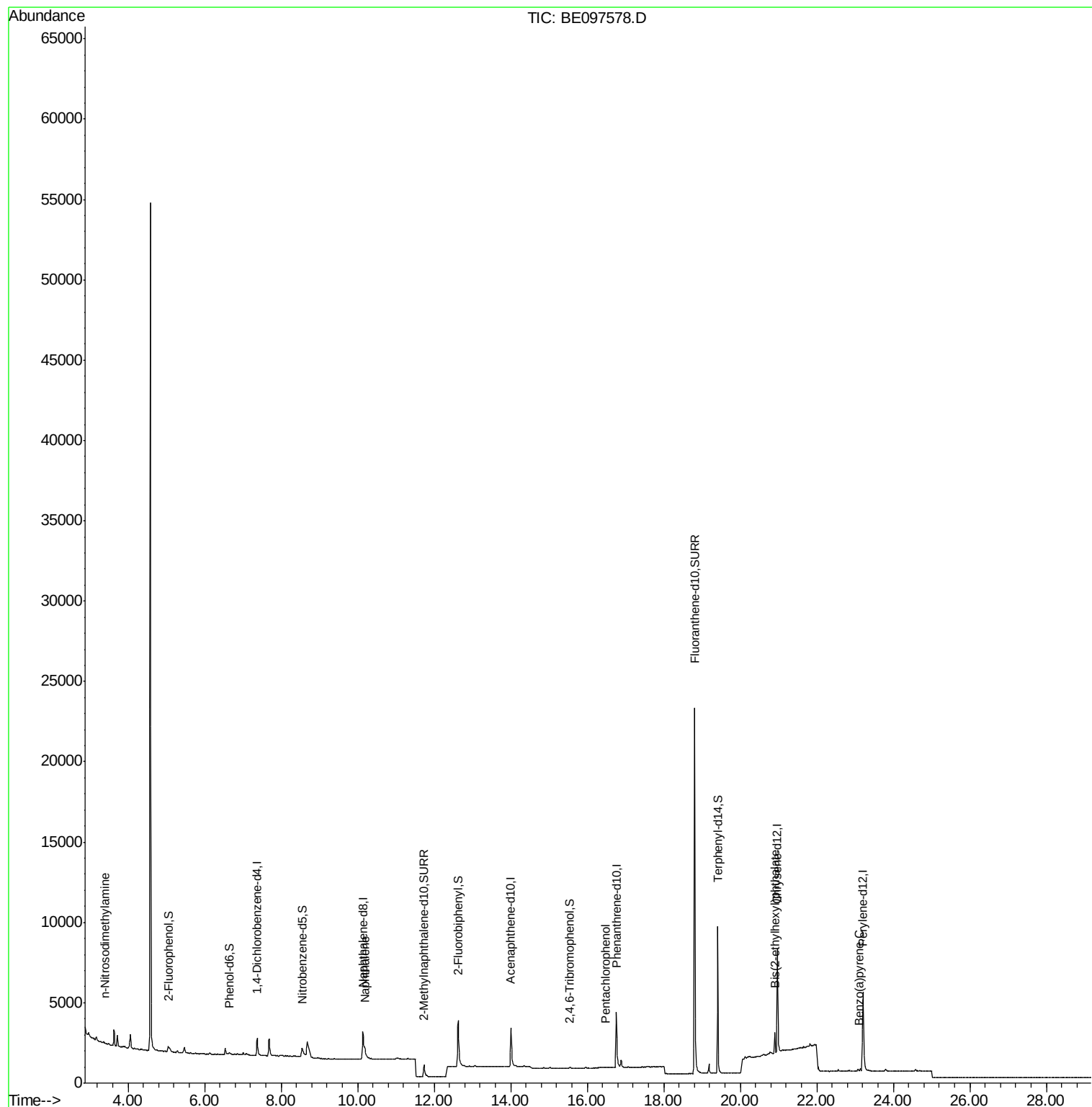
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	21	Below Cal		# 16
3) n-Nitrosodimethylamine	3.39	42	12	0.029	ng	# 1
9) Naphthalene	10.18	128	1381	0.052	ng	# 80
22) Pentachlorophenol	16.47	266	5	0.133	ng	95
32) Bis(2-ethylhexyl)phthalate	20.91	149	1883	0.066	ng	# 99
37) Benzo(a)pyrene	23.10	252	4	0.021	ng	# 1

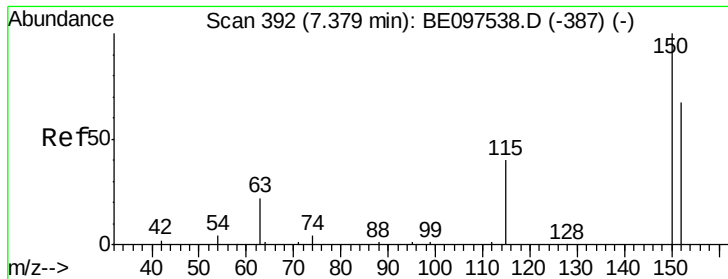
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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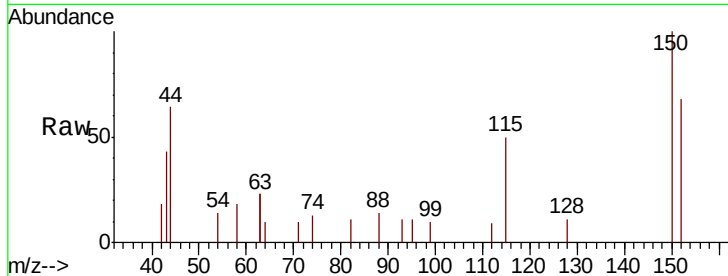


#1

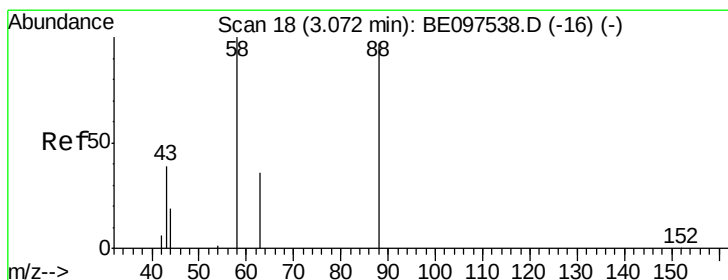
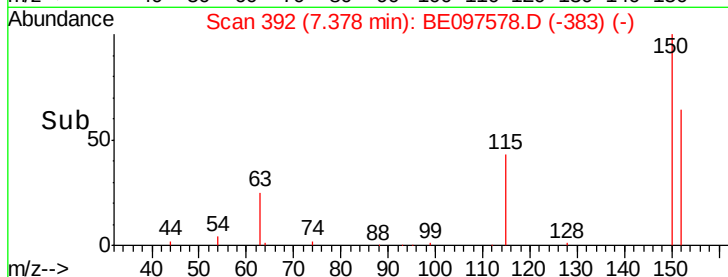
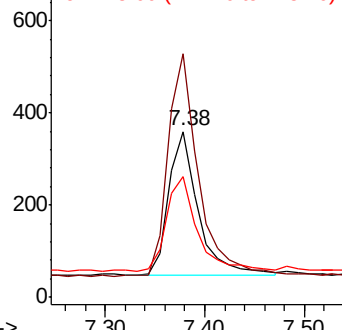
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB01-20180913

Tgt Ion: 152 Resp: 649
 Ion Ratio Lower Upper
 152 100
 150 147.1 117.2 175.8
 115 73.3 57.0 85.6



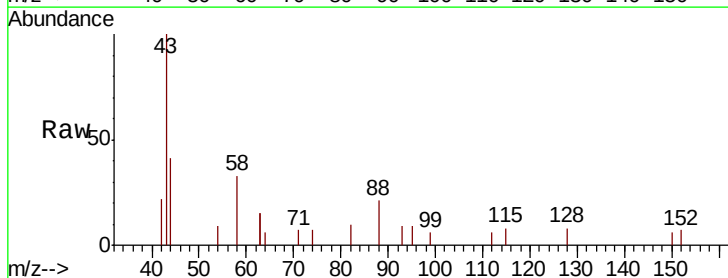
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



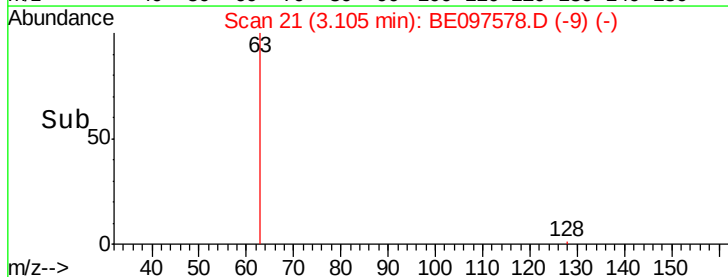
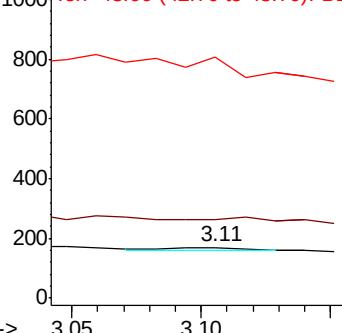
#2

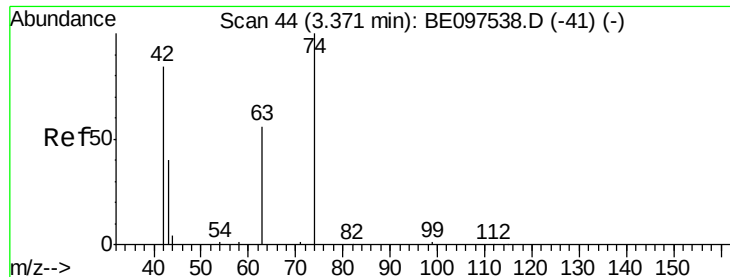
1,4-Dioxane
 Concen: Below Cal
 RT: 3.11 min Scan# 21
 Delta R.T. 0.03 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

Tgt Ion: 88 Resp: 21
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.2 94.8#
 43 0.0 41.2 61.8#



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: 0.029 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

Instrument :

BNA_E

ClientSampleId :

BP-TT-EB01-20180913

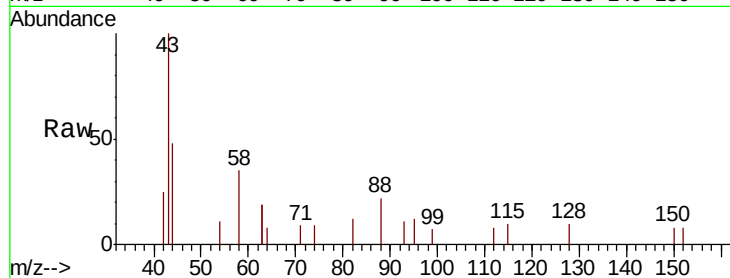
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

44 408.3 12.0 18.0#



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

400

300

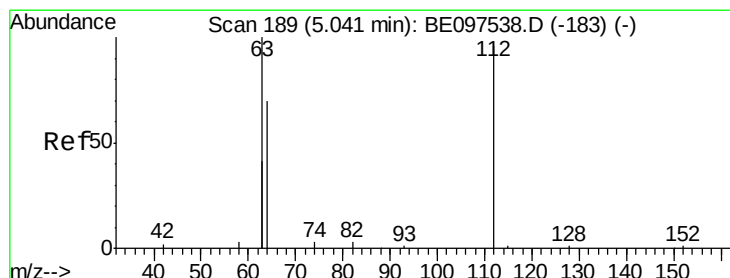
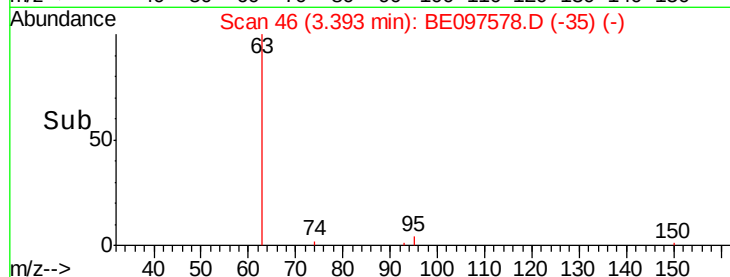
200

100

0

3.36 3.38 3.40 3.42

Time-->



#4

2-Fluorophenol

Concen: 0.161 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

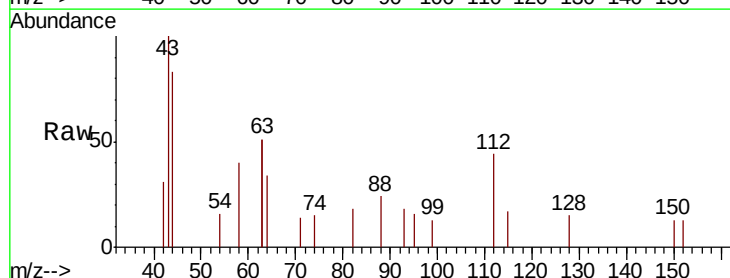
Tgt Ion: 112 Resp: 314

Ion Ratio Lower Upper

112 100

64 75.2 60.1 90.1

63 95.2 116.8 175.2#



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

500

400

300

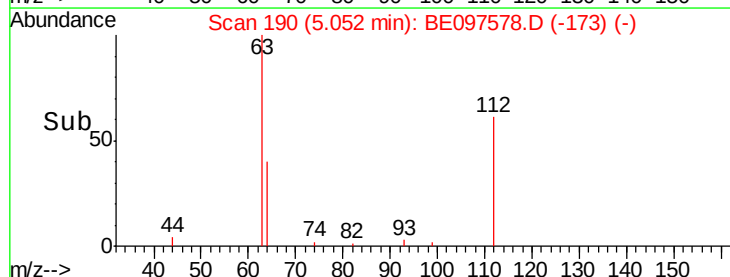
200

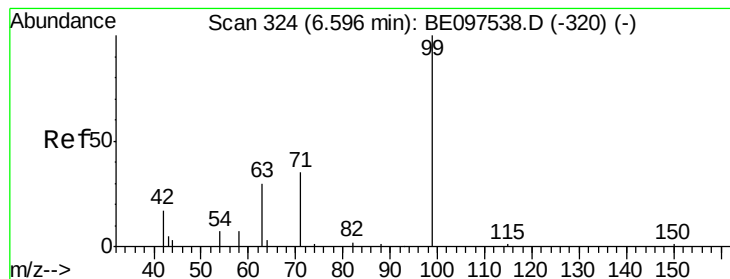
100

0

4.90 5.00 5.10 5.20

Time-->





#5

Phenol-d6

Concen: 0.056 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.03 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

Instrument :

BNA_E

ClientSampleId :

BP-TT-EB01-20180913

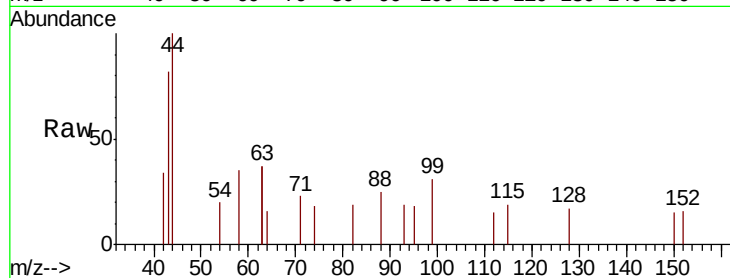
Tgt Ion: 99 Resp: 138

Ion Ratio Lower Upper

99 100

42 20.3 20.2 30.2

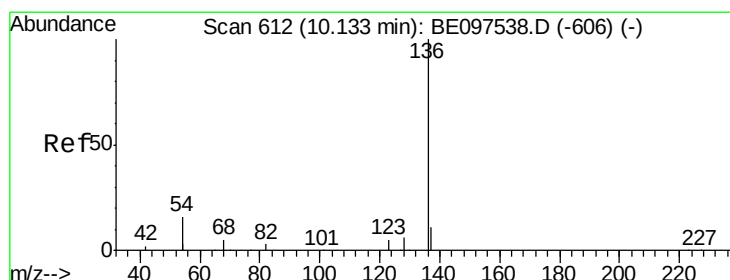
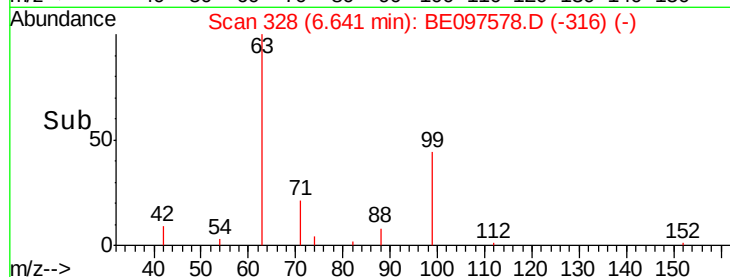
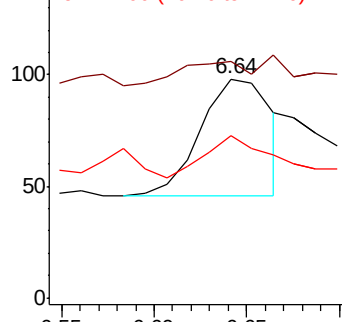
71 29.0 28.4 42.6



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: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

Tgt Ion: 136 Resp: 2943

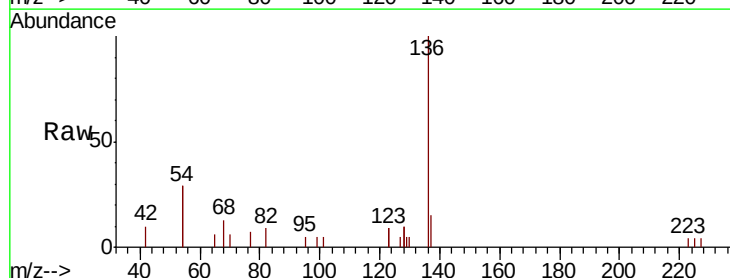
Ion Ratio Lower Upper

136 100

137 15.1 9.5 14.3#

54 57.6 29.1 43.7#

68 12.6 6.2 9.2#

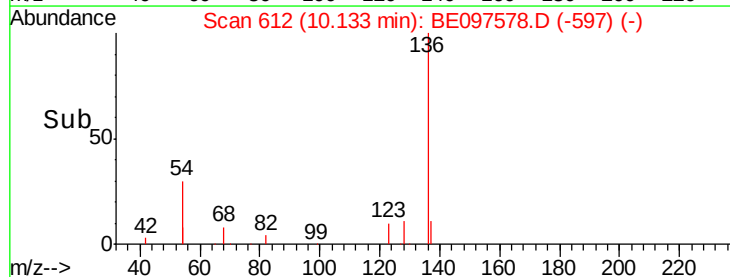
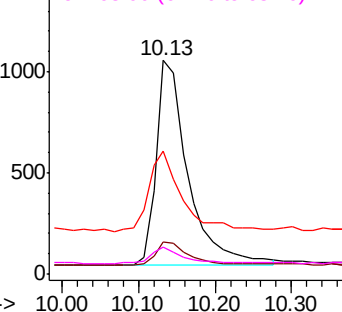


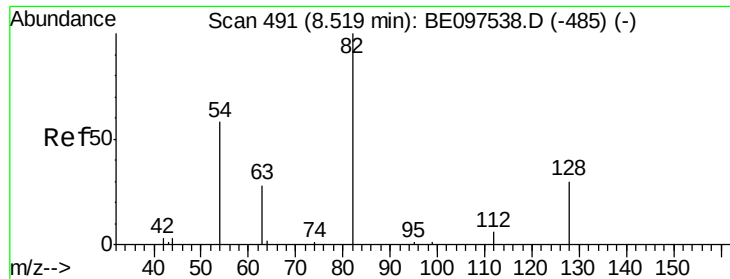
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.416 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.01 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

Instrument :

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ClientSampleId :

BP-TT-EB01-20180913

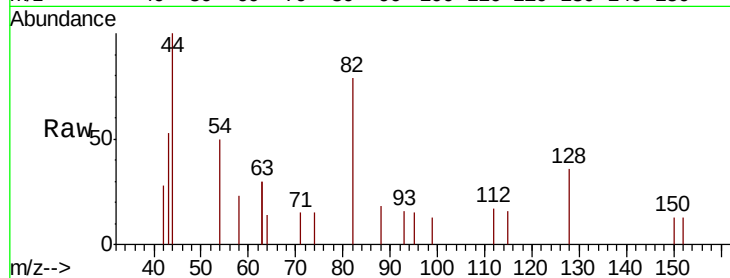
Tgt Ion: 82 Resp: 945

Ion Ratio Lower Upper

82 100

128 45.8 24.0 36.0#

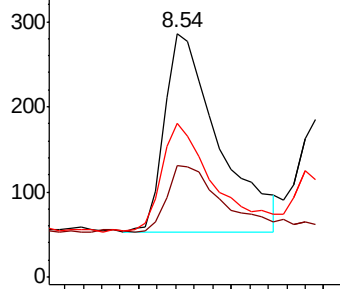
54 63.3 40.0 60.0#



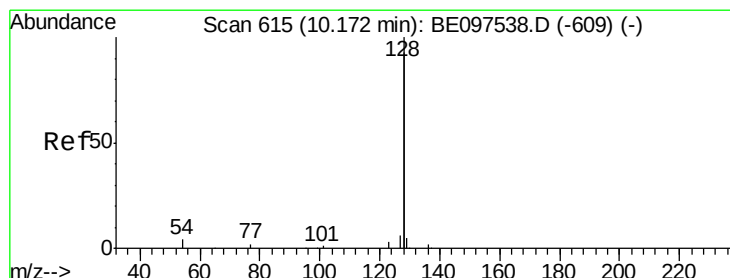
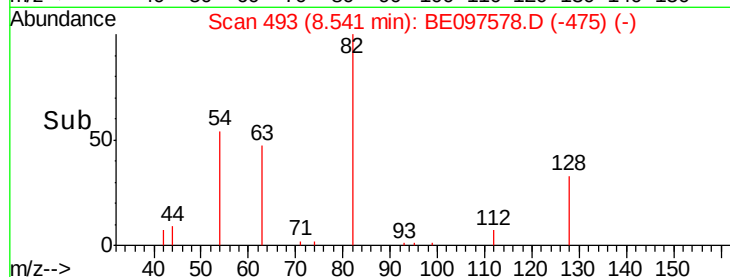
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.052 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

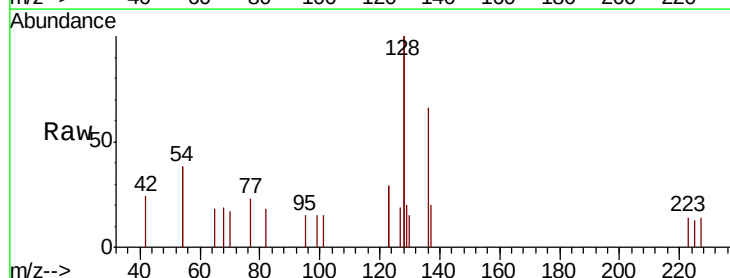
Tgt Ion: 128 Resp: 1381

Ion Ratio Lower Upper

128 100

129 10.0 2.6 3.8#

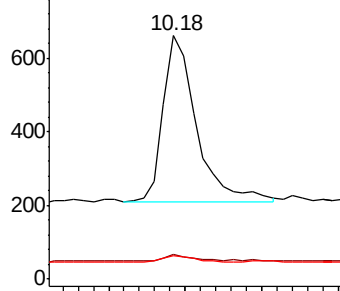
127 9.7 2.8 4.2#



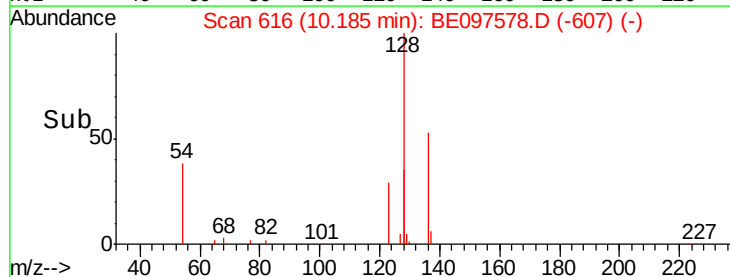
Abundance Ion 128.00 (127.70 to 128.70): E

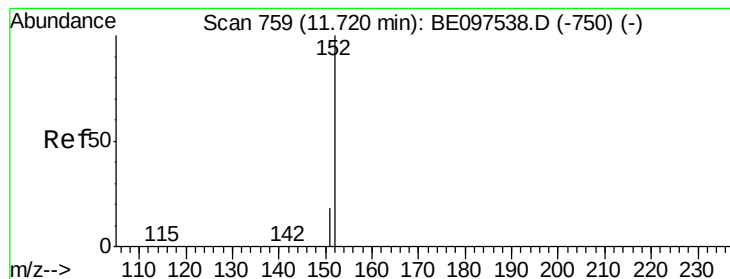
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.02 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

Instrument :

BNA_E

ClientSampleId :

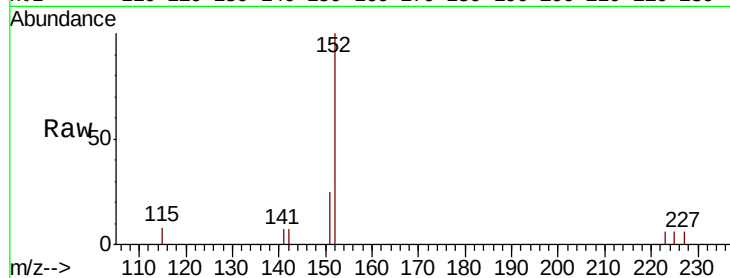
BP-TT-EB01-20180913

Tgt Ion:152 Resp: 1868

Ion Ratio Lower Upper

152 100

151 18.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

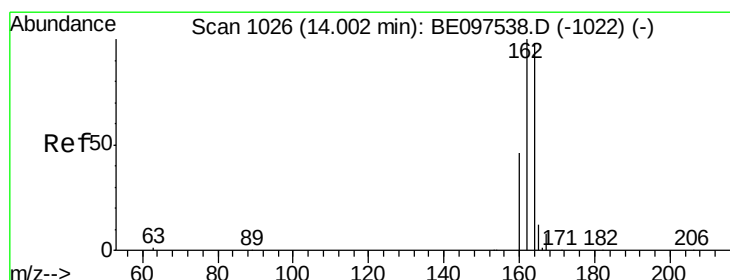
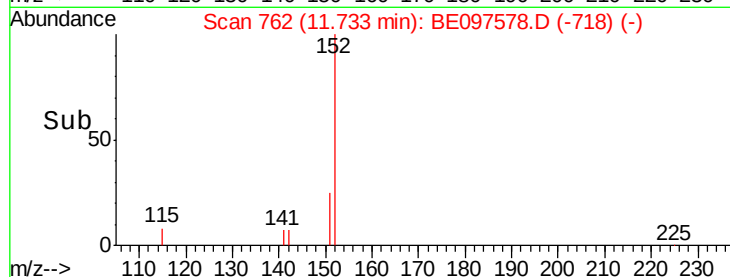
400

200

0

11.60 11.70 11.80 11.90

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

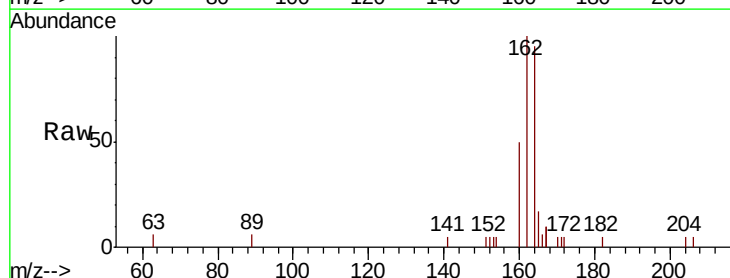
Tgt Ion:164 Resp: 1948

Ion Ratio Lower Upper

164 100

162 105.5 83.1 124.7

160 52.9 37.1 55.7



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

1200

1000

800

600

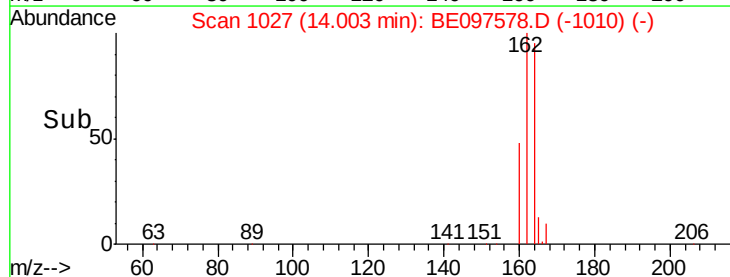
400

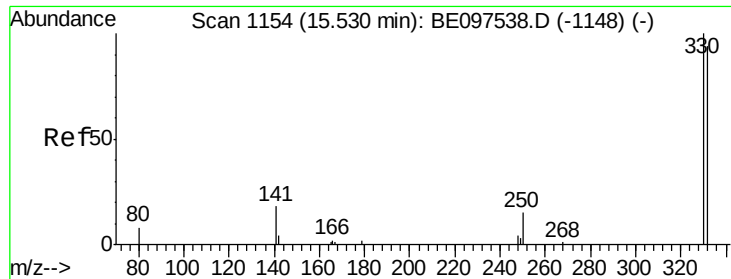
200

0

13.90 14.00 14.10 14.20

Time-->

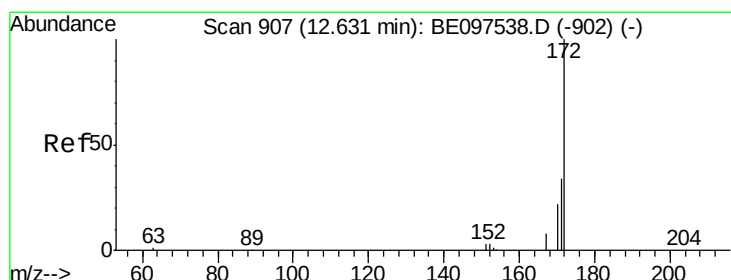
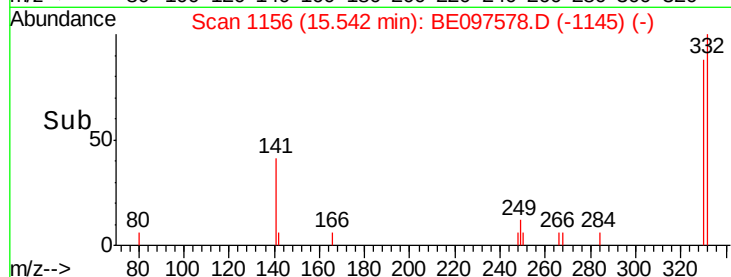
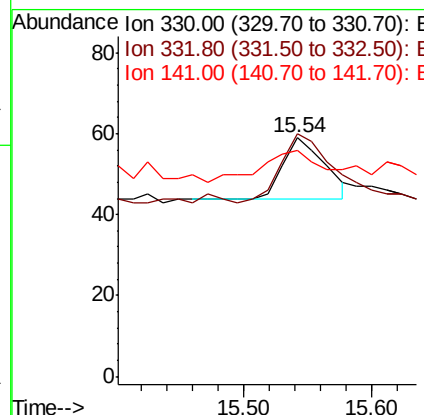
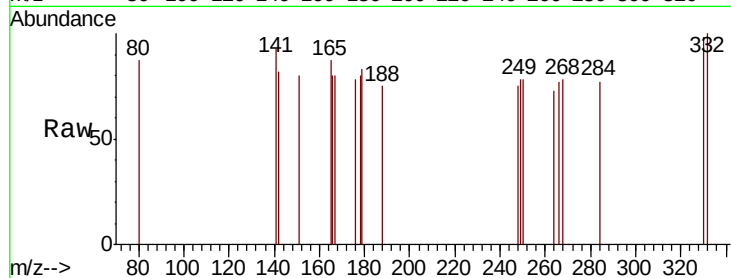




#14
 2,4,6-Tribromophenol
 Concen: 0.137 ng
 RT: 15.54 min Scan# 1156
 Delta R.T. 0.02 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

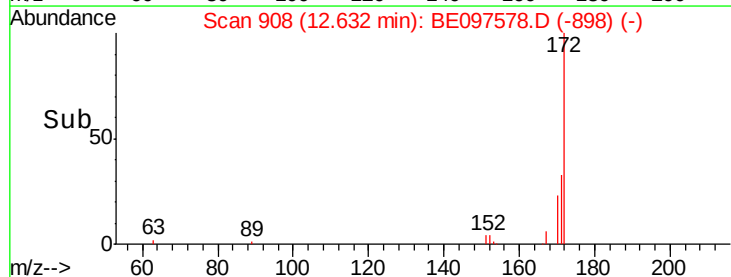
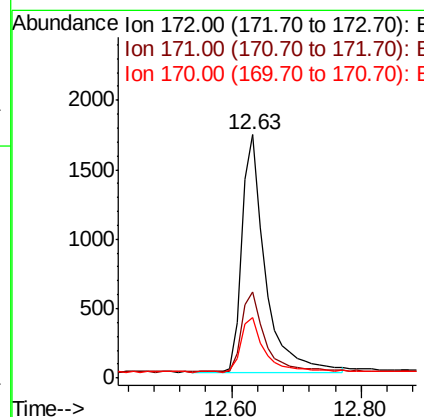
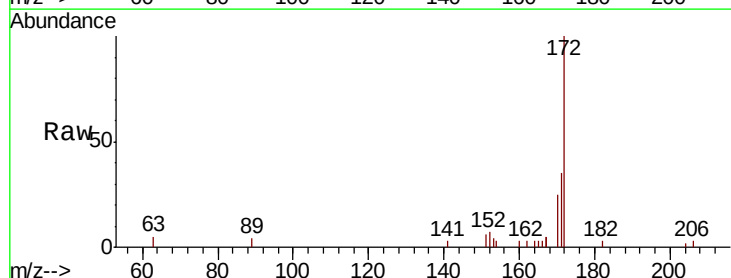
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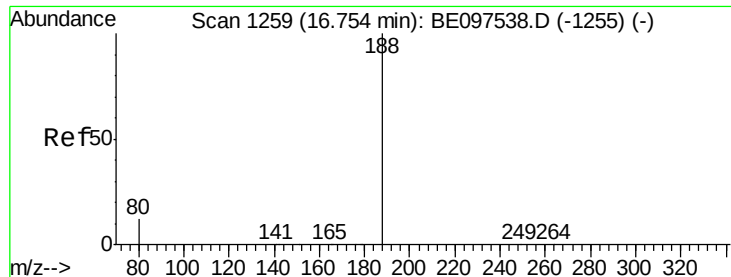
Tgt Ion: 330 Resp: 34
 Ion Ratio Lower Upper
 330 100
 332 129.4 152.7 229.1#
 141 70.6 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.611 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

Tgt Ion: 172 Resp: 4207
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 25.0 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

Instrument :

BNA_E

ClientSampleId :

BP-TT-EB01-20180913

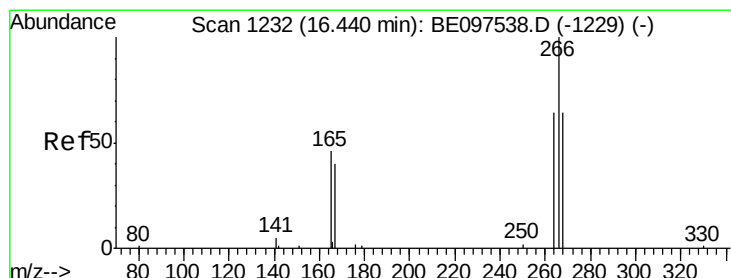
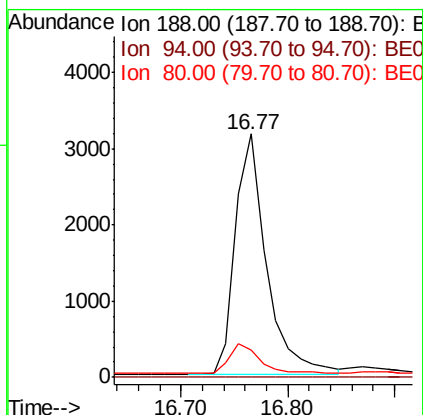
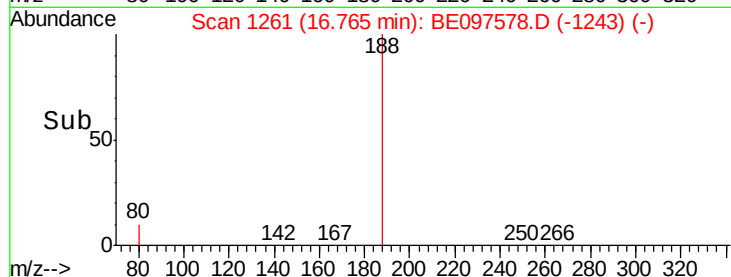
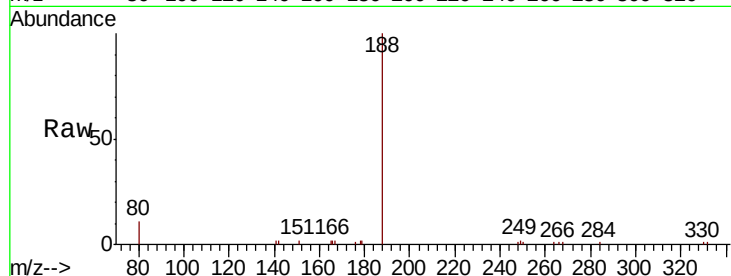
Tgt Ion:188 Resp: 6318

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.3 3.6 5.4#



#22

Pentachlorophenol

Concen: 0.133 ng

RT: 16.47 min Scan# 1236

Delta R.T. 0.03 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

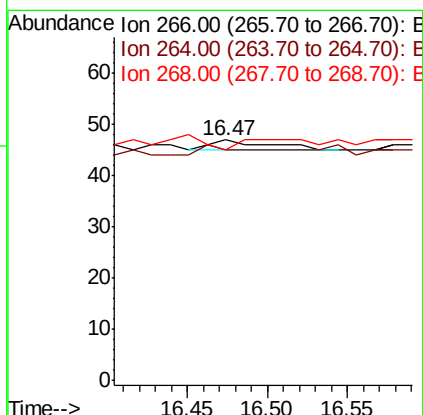
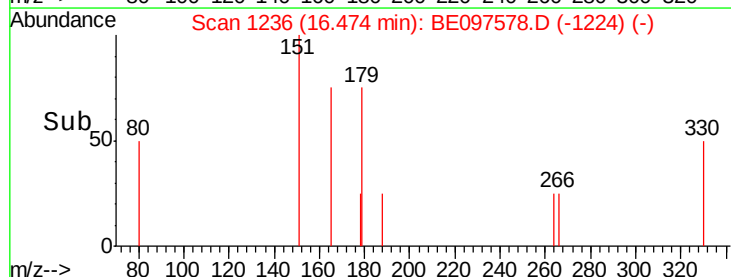
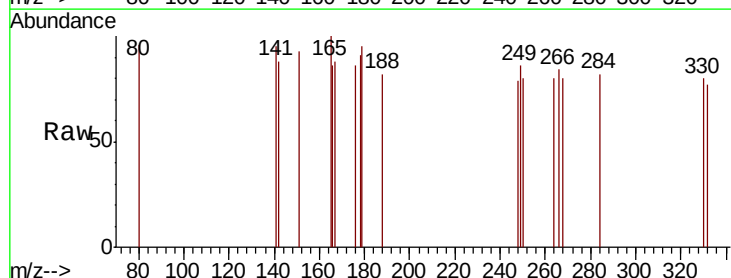
Tgt Ion:266 Resp: 5

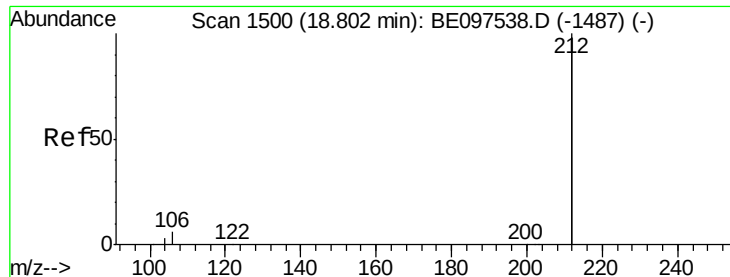
Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

268 95.7 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.451 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

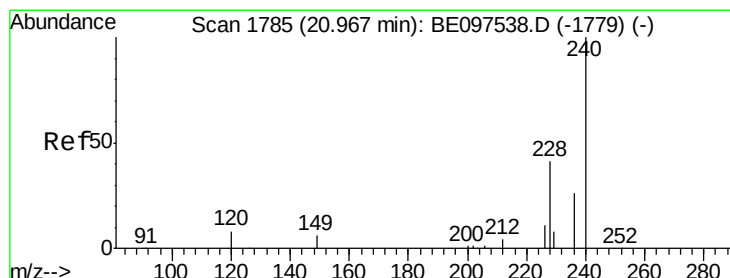
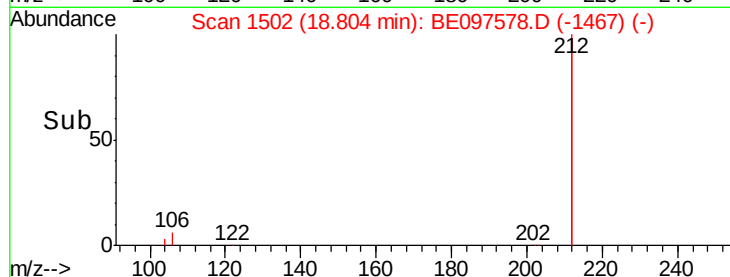
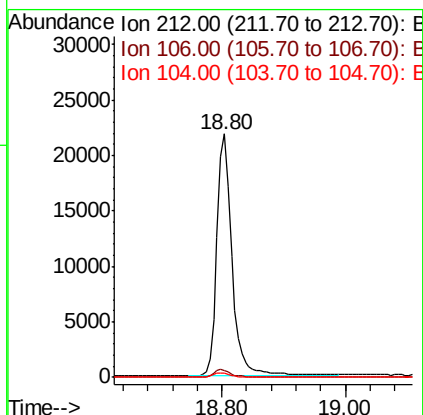
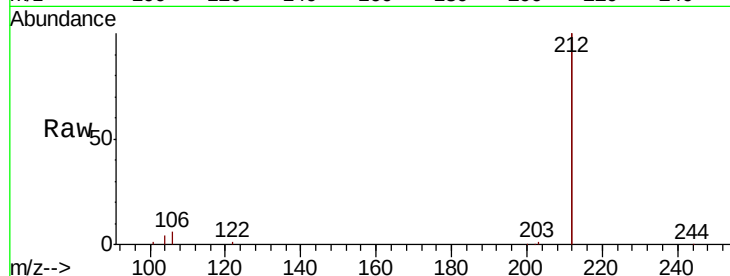
Instrument :

BNA_E

ClientSampleId :

BP-TT-EB01-20180913

Tgt Ion:	212	Resp:	36457
Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4



#27

Chrysene-d12

Concen: 0.400 ng

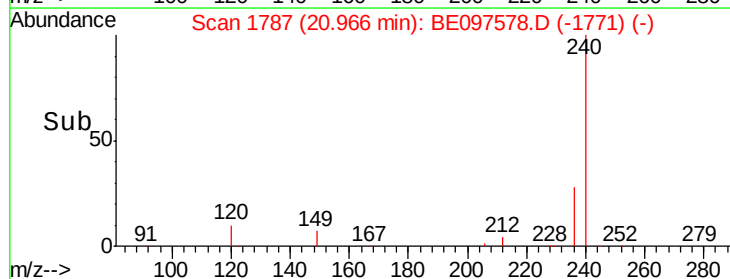
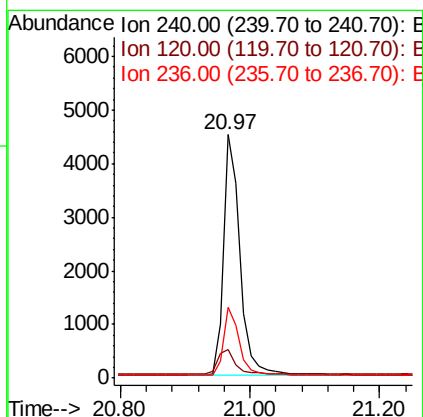
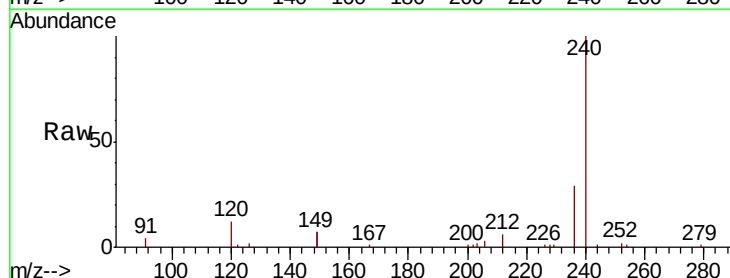
RT: 20.97 min Scan# 1787

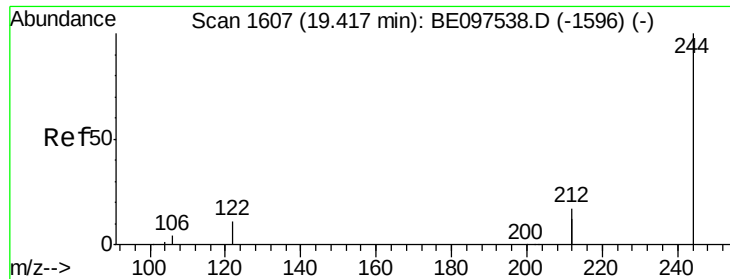
Delta R.T. -0.00 min

Lab File: BE097578.D

Acq: 20 Sep 2018 17:49

Tgt Ion:	240	Resp:	8060
Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.5	8.3#
236	28.8	20.7	31.1

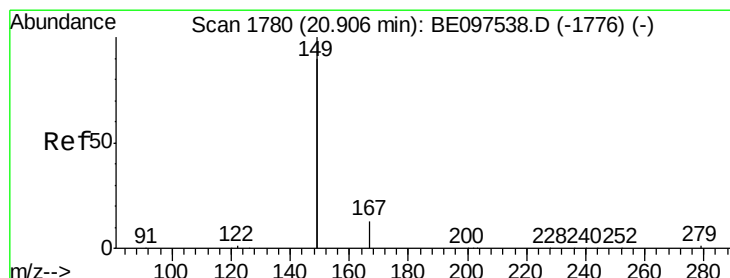
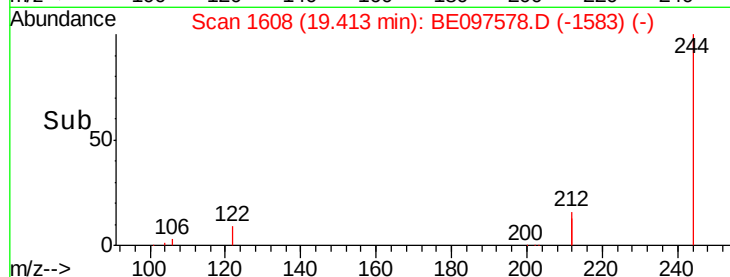
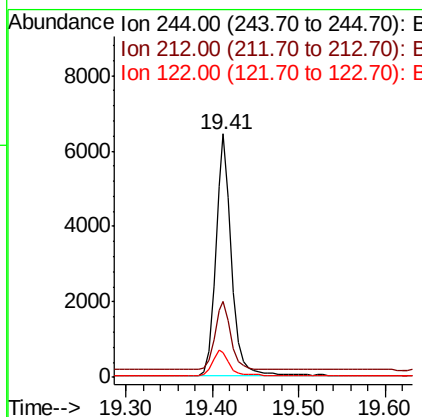
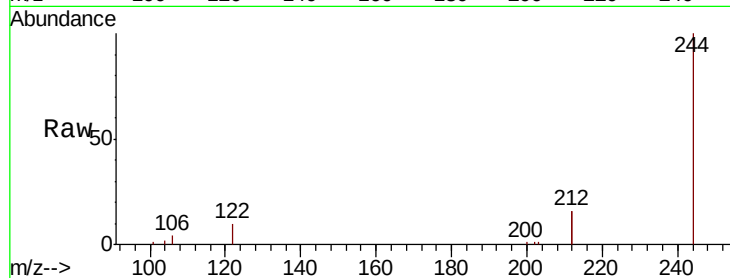




#29
 Terphenyl-d14
 Concen: 0.552 ng
 RT: 19.41 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

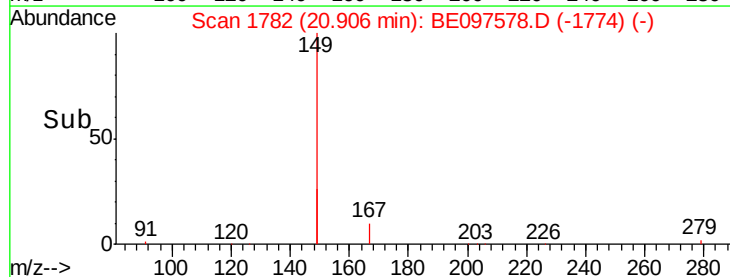
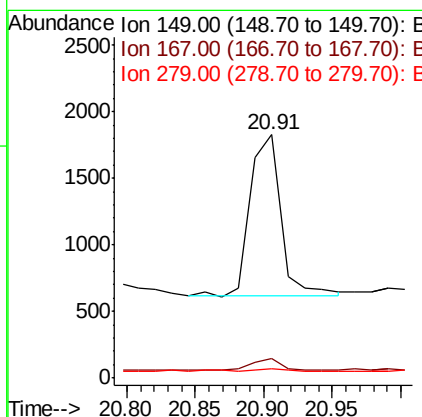
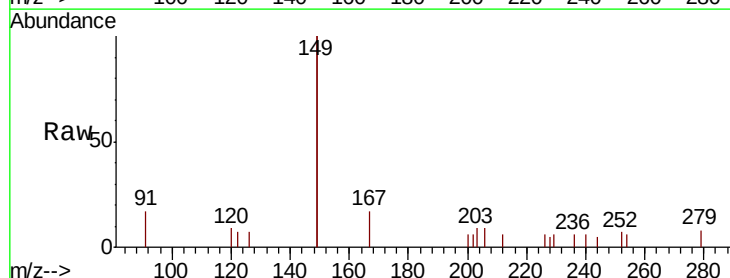
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB01-20180913

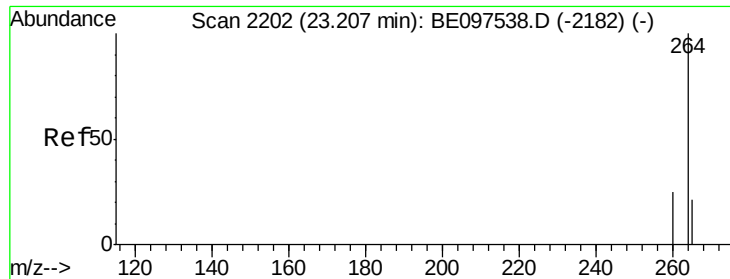
Tgt Ion: 244 Resp: 8144
 Ion Ratio Lower Upper
 244 100
 212 31.3 25.4 38.0
 122 10.3 8.1 12.1



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 20.91 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

Tgt Ion: 149 Resp: 1883
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.4 8.0
 279 1.3 0.7 1.1#

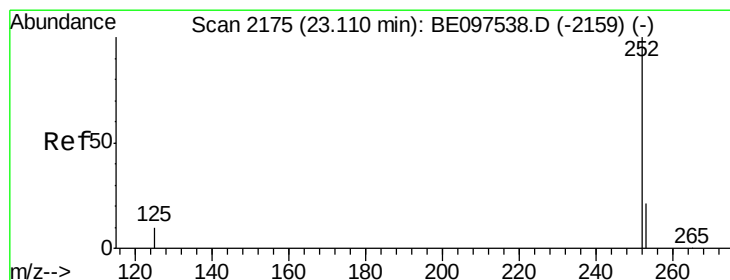
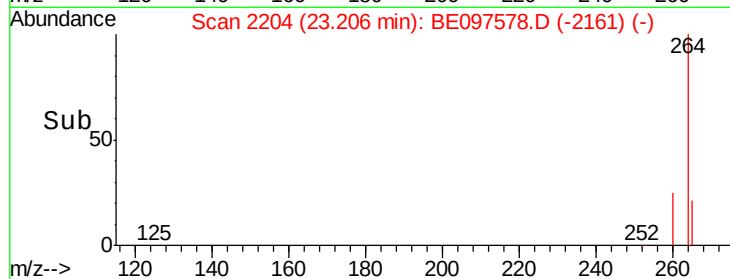
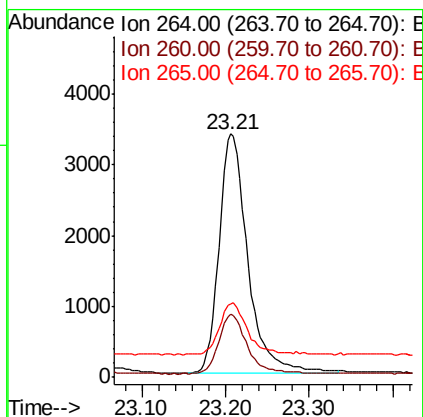
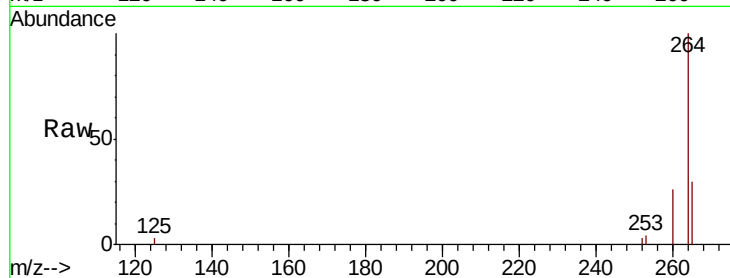




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB01-20180913

Tgt Ion: 264 Resp: 8066
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 30.2 22.8 34.2



#37
 Benzo(a)pyrene
 Concen: 0.021 ng
 RT: 23.10 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BE097578.D
 Acq: 20 Sep 2018 17:49

Tgt Ion: 252 Resp: 4
 Ion Ratio Lower Upper
 252 100
 253 138.6 16.0 24.0#
 125 121.6 12.0 18.0#

