

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097565.D
 Acq On : 20 Sep 2018 7:08
 Operator : SJ/JU
 Sample : J4958-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20180915

Quant Time: Sep 20 07:59:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

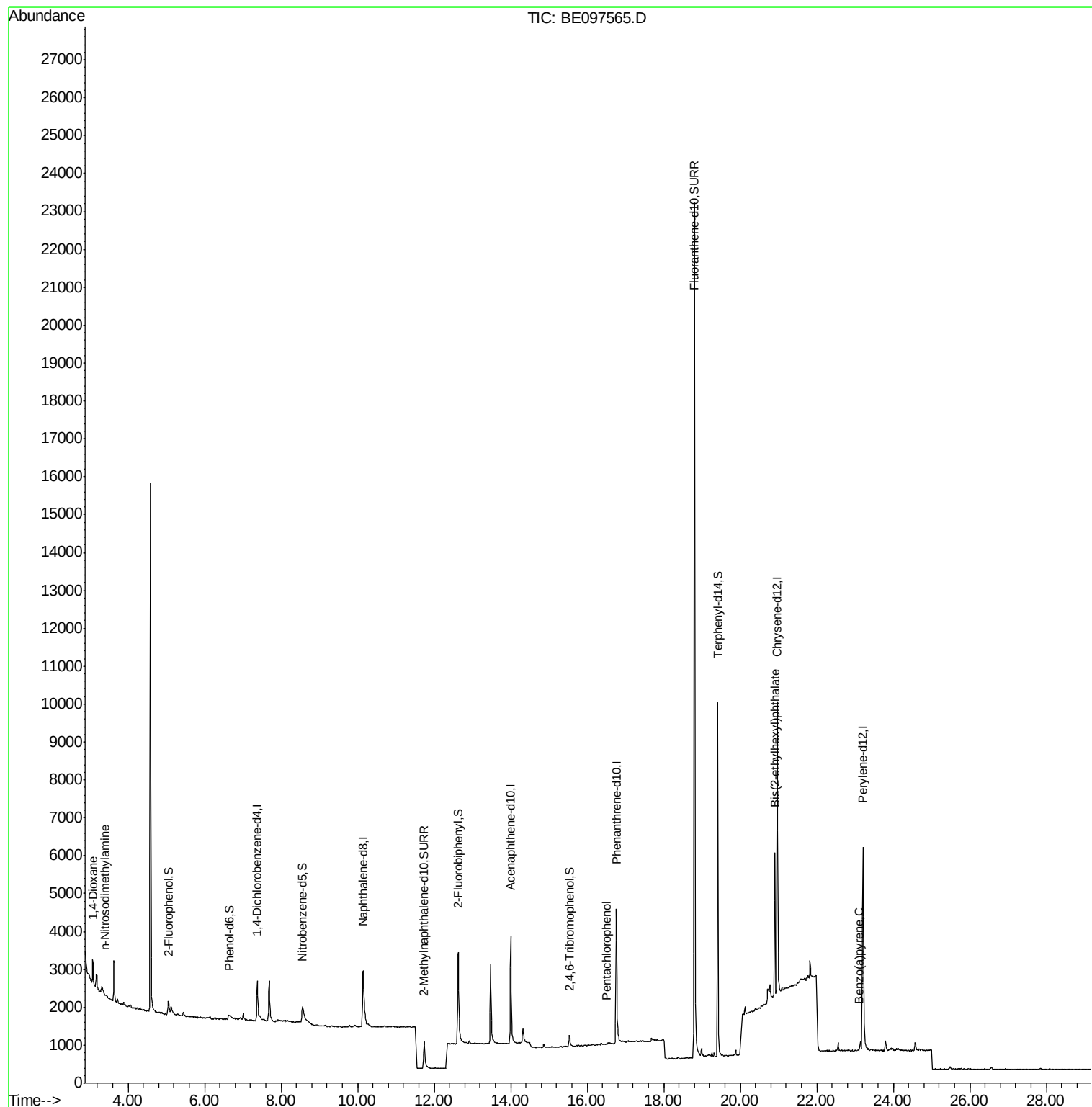
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	651	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3021	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1963	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6380	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8449	0.40	ng	0.00
34) Perylene-d12	23.21	264	8261	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	327	0.17	ng	0.01
5) Phenol-d6	6.64	99	134	0.05	ng	0.05
8) Nitrobenzene-d5	8.55	82	815	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	11.73	152	1740	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	238	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3544	0.51	ng	0.00
25) Fluoranthene-d10	18.80	212	34586	0.42	ng	0.00
29) Terphenyl-d14	19.41	244	8658	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	422	0.377	ng	Qvalue 92
3) n-Nitrosodimethylamine	3.39	42	17	0.034	ng	# 28
22) Pentachlorophenol	16.50	266	16	0.141	ng	93
32) Bis(2-ethylhexyl)phthalate	20.91	149	4818	0.145	ng	# 100
37) Benzo(a)pyrene	23.11	252	3	0.021	ng	# 1

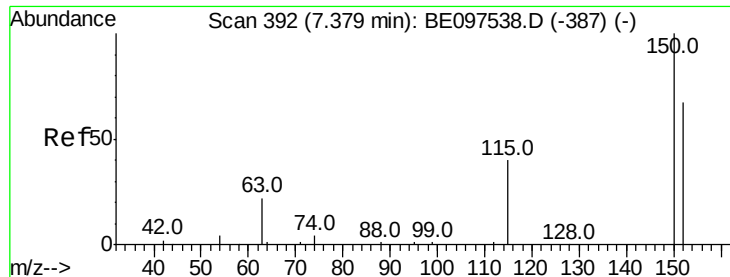
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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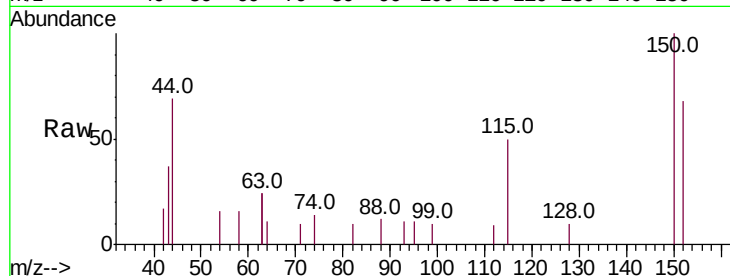


#1

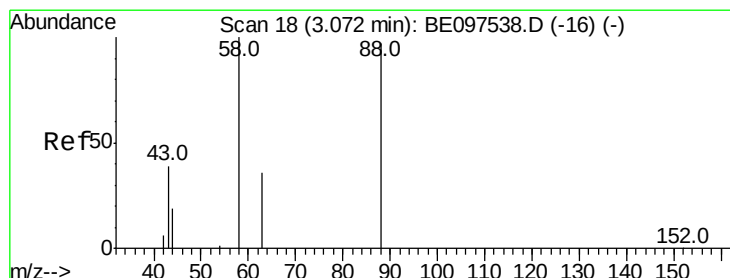
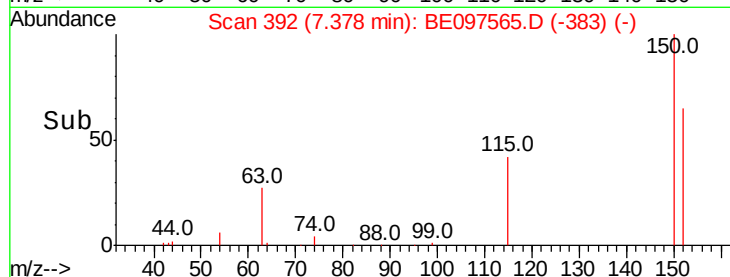
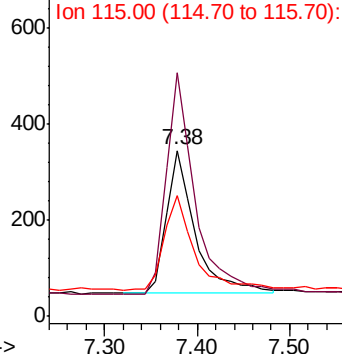
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097565.D
Acq: 20 Sep 2018 7:08

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20180915

Tot Ion:152 Resp: 651
Ion Ratio Lower Upper
152 100
150 146.5 117.2 175.8
115 72.5 57.0 85.6



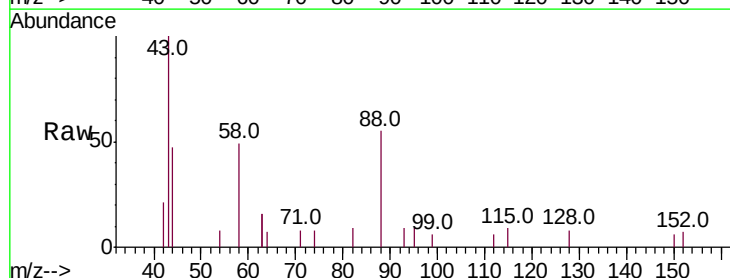
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



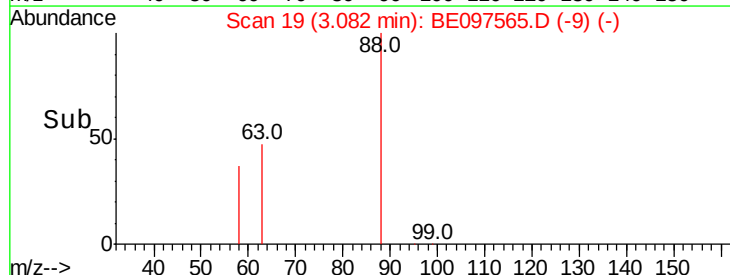
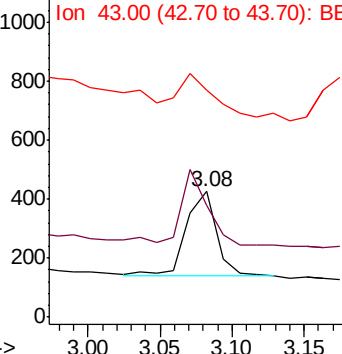
#2

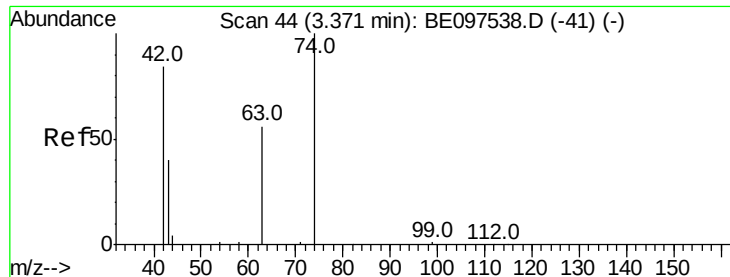
1,4-Dioxane
Concen: 0.377 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097565.D
Acq: 20 Sep 2018 7:08

Tgt Ion: 88 Resp: 422
Ion Ratio Lower Upper
88 100
58 73.5 63.2 94.8
43 59.2 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: 0.034 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180915

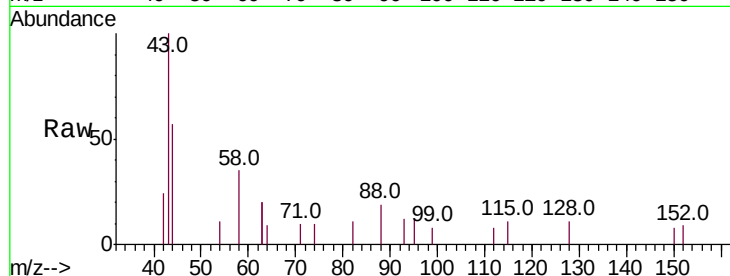
Tot Ion: 42 Resp: 17

Ion Ratio Lower Upper

42 100

74 35.3 96.0 144.0#

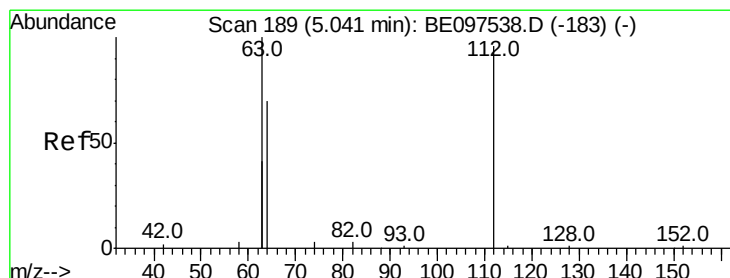
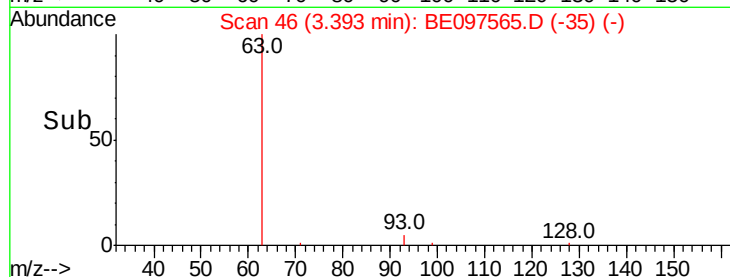
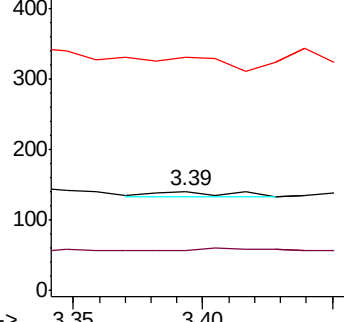
44 0.0 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.168 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.01 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

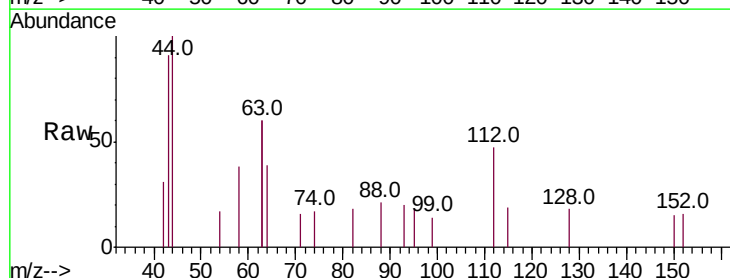
Tgt Ion: 112 Resp: 327

Ion Ratio Lower Upper

112 100

64 68.8 60.1 90.1

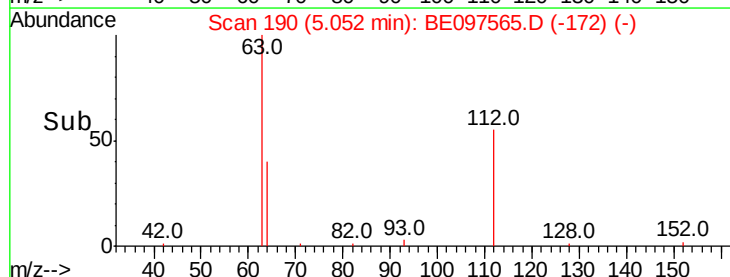
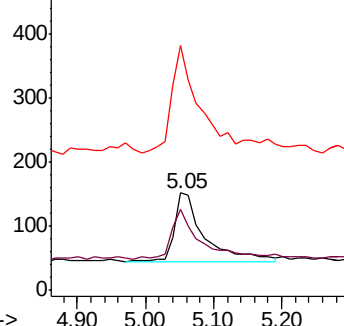
63 147.1 116.8 175.2

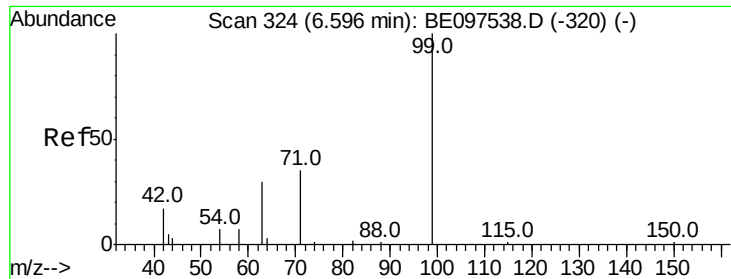


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.054 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.05 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180915

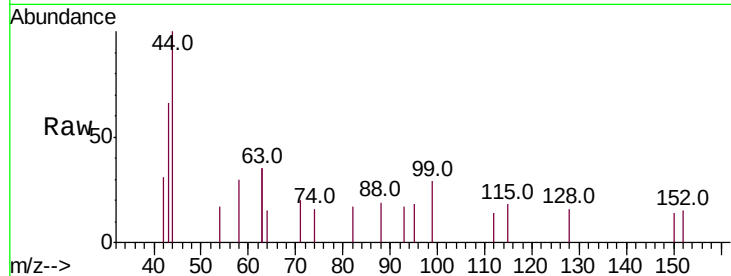
Tot Ion: 99 Resp: 134

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

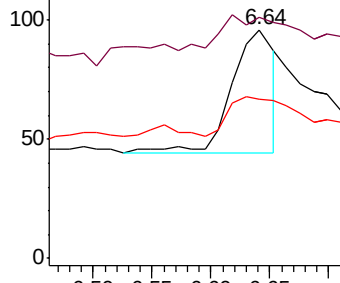
71 33.6 28.4 42.6



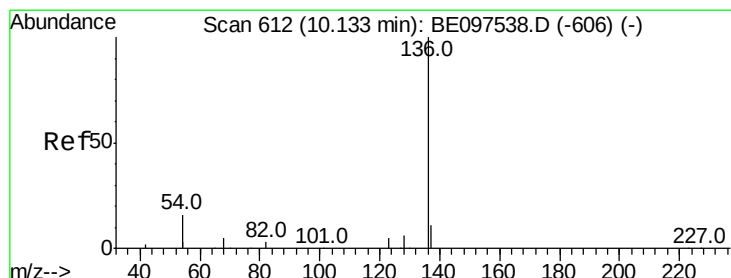
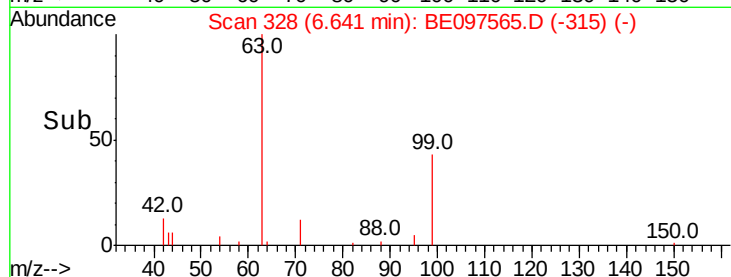
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

Tgt Ion: 136 Resp: 3021

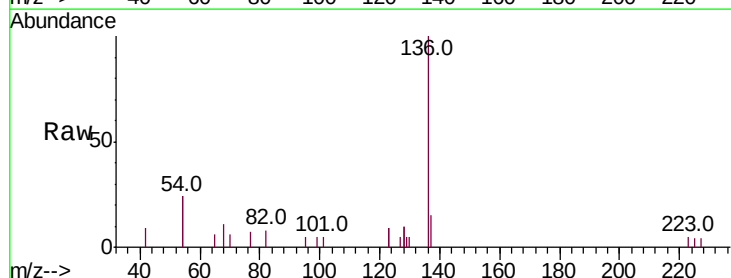
Ion Ratio Lower Upper

136 100

137 15.1 9.5 14.3#

54 48.4 29.1 43.7#

68 10.7 6.2 9.2#

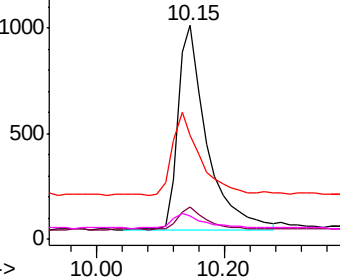


Abundance Ion 136.00 (135.70 to 136.70): E

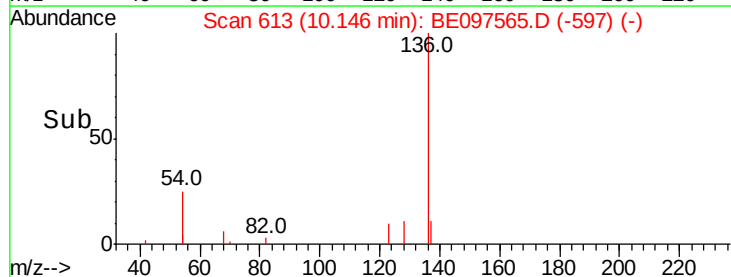
Ion 137.00 (136.70 to 137.70): E

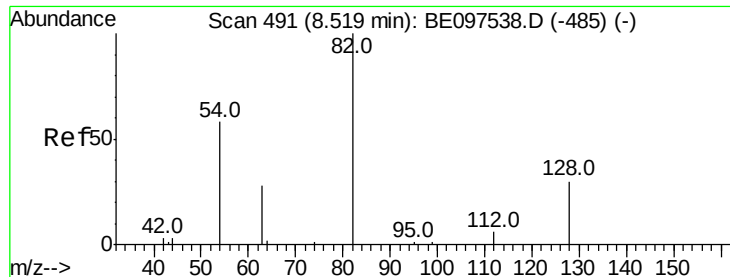
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.349 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180915

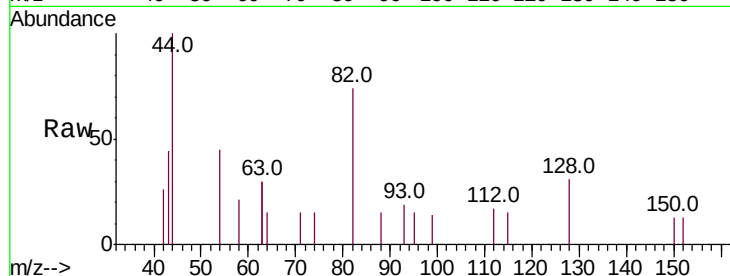
Tot Ion: 82 Resp: 815

Ion Ratio Lower Upper

82 100

128 42.6 24.0 36.0#

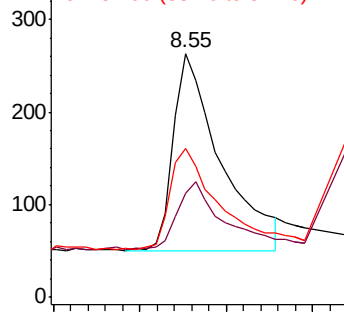
54 60.8 40.0 60.0#



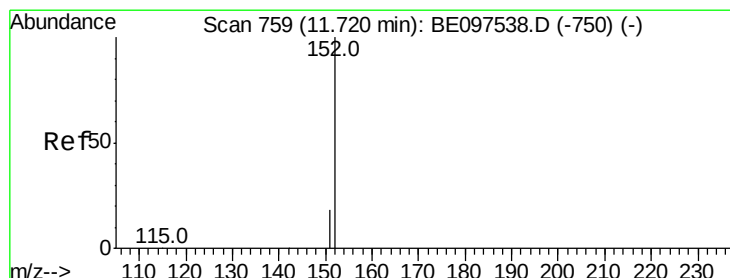
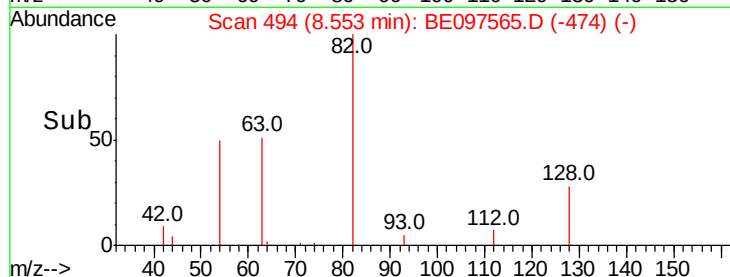
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.40 8.50 8.60 8.70



#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097565.D

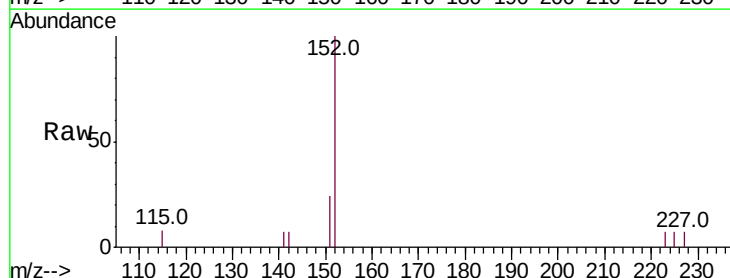
Acq: 20 Sep 2018 7:08

Tgt Ion: 152 Resp: 1740

Ion Ratio Lower Upper

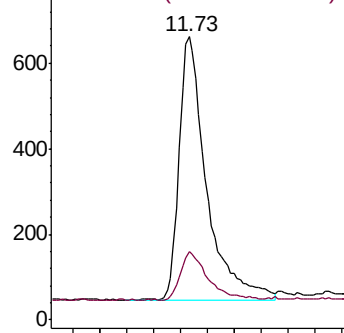
152 100

151 18.7 15.4 23.0

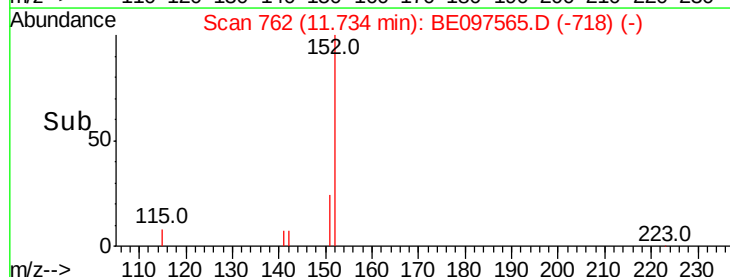


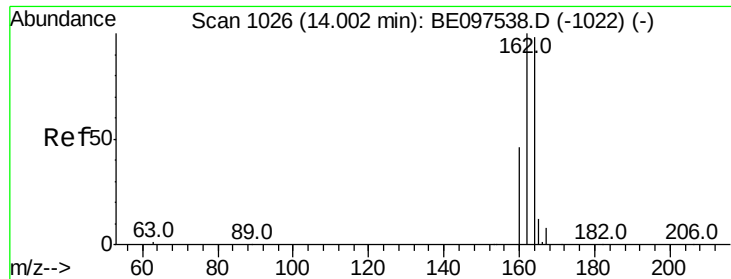
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 11.60 11.80

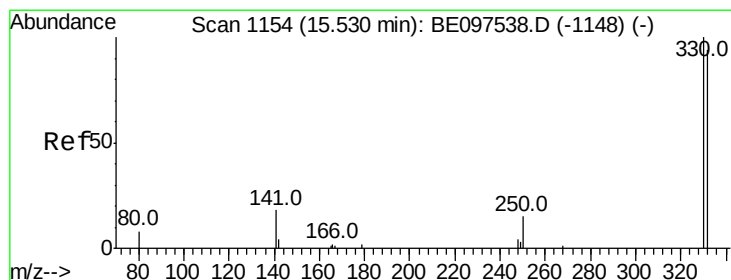
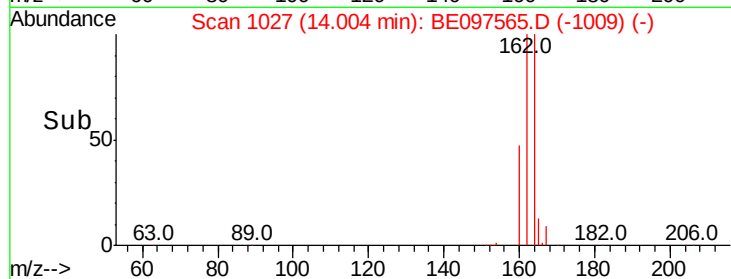
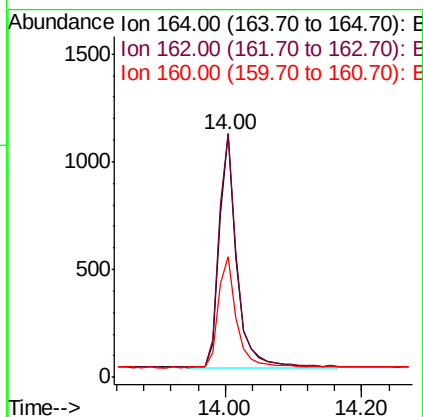
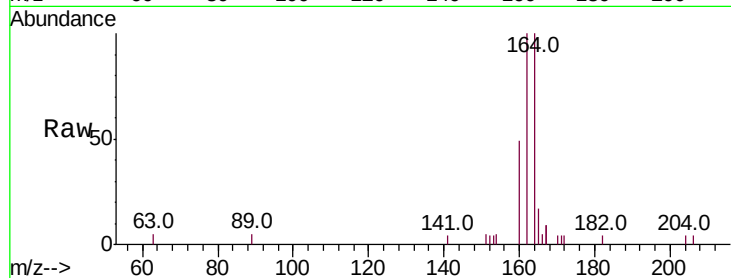




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097565.D
 Acq: 20 Sep 2018 7:08

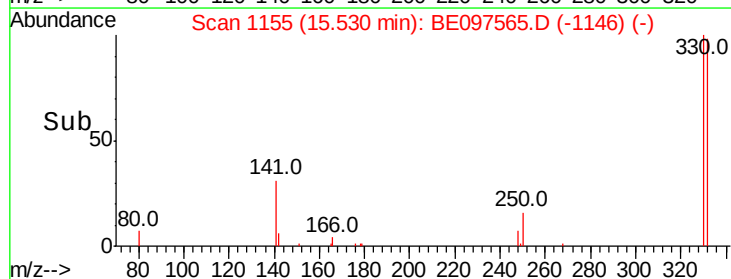
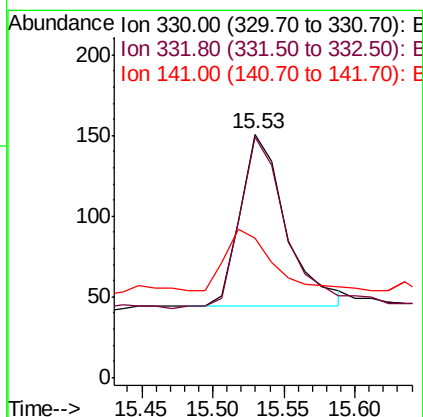
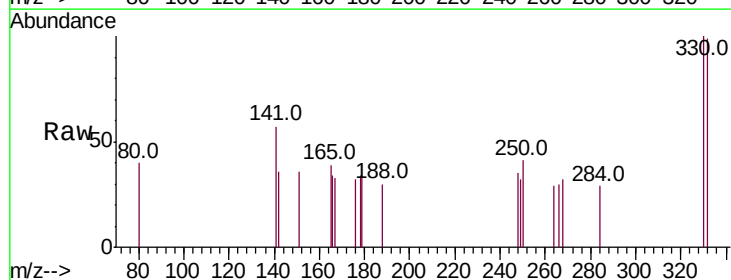
Instrument :
 BNA_E
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 BP-TT-SW4002-20180915

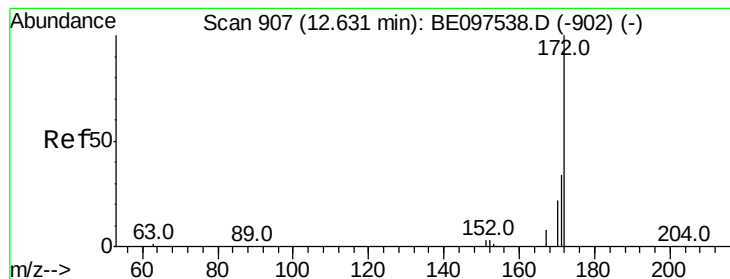
Tot Ion:164 Resp: 1963
 Ion Ratio Lower Upper
 164 100
 162 100.1 83.1 124.7
 160 49.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.344 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BE097565.D
 Acq: 20 Sep 2018 7:08

Tgt Ion:330 Resp: 238
 Ion Ratio Lower Upper
 330 100
 332 100.4 152.7 229.1#
 141 35.7 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.511 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180915

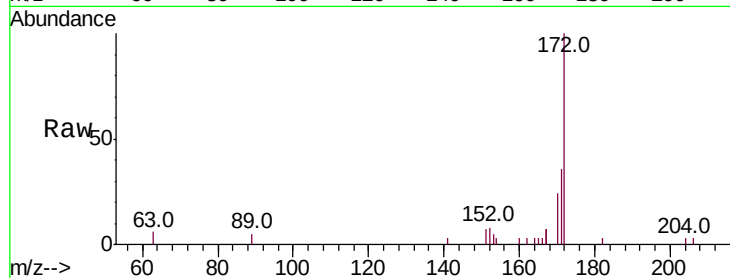
Tot Ion:172 Resp: 3544

Ion Ratio Lower Upper

172 100

171 35.5 29.9 44.9

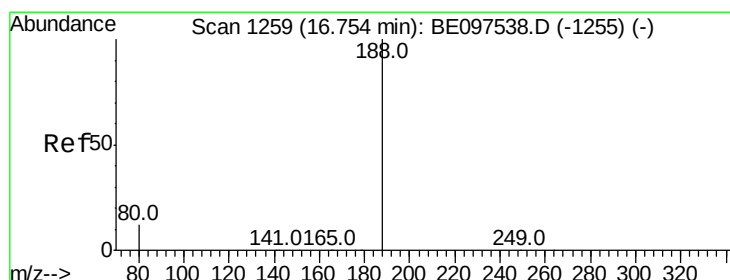
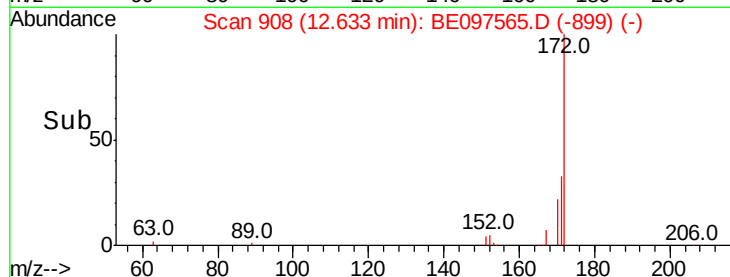
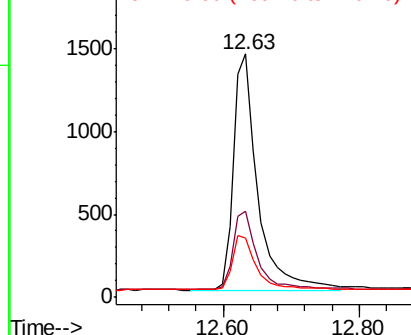
170 24.4 21.8 32.8



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: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

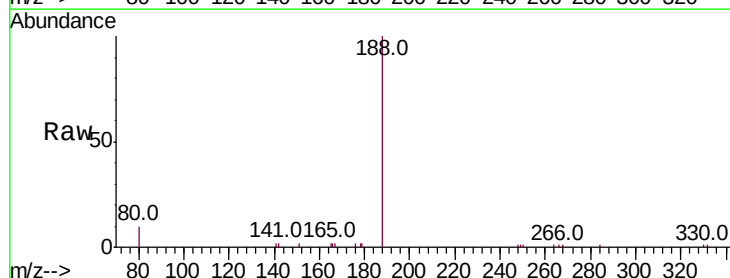
Tgt Ion:188 Resp: 6380

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

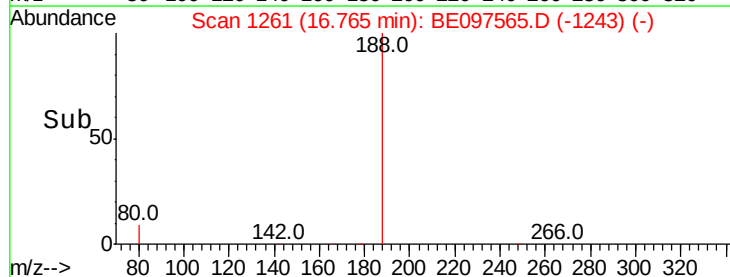
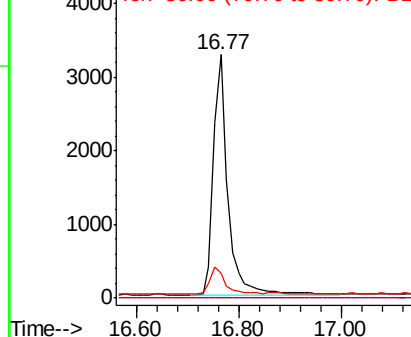
80 10.4 3.6 5.4#

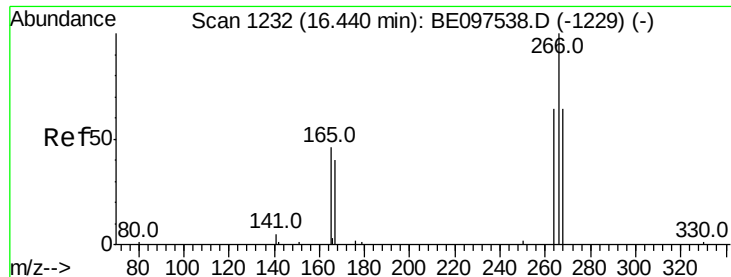


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



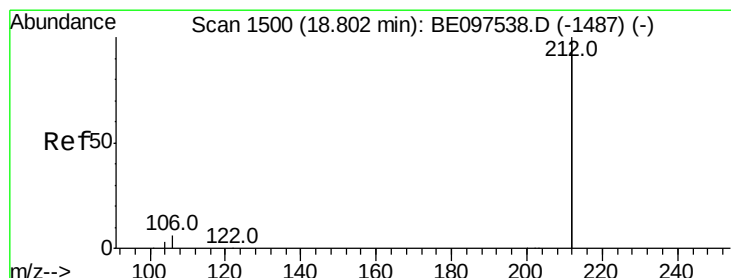
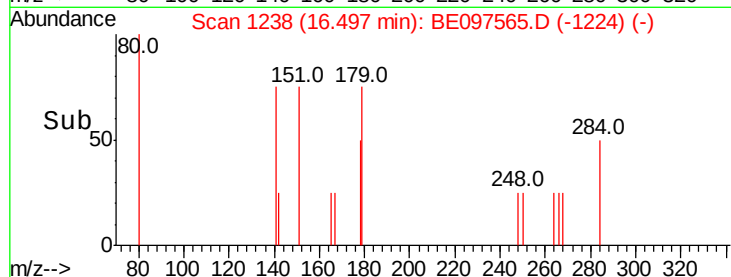
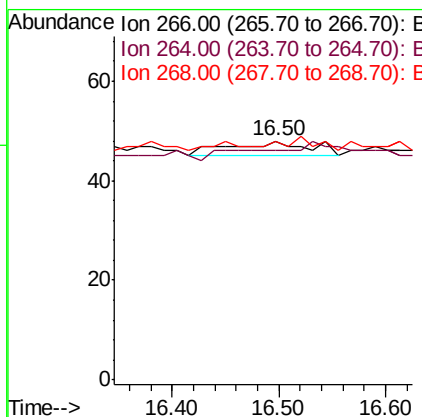
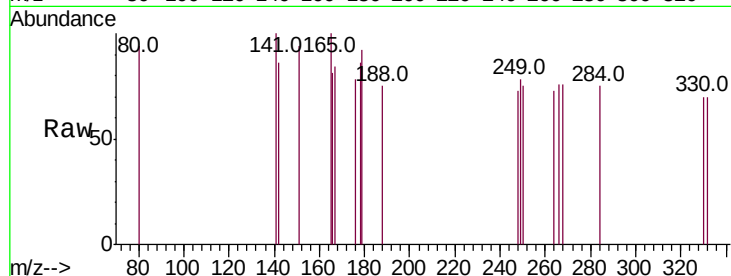


#22
 Pentachlorophenol
 Concen: 0.141 ng
 RT: 16.50 min Scan# 1238
 Delta R.T. 0.06 min
 Lab File: BE097565.D
 Acq: 20 Sep 2018 7:08

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20180915

Tot Ion:266 Resp: 16

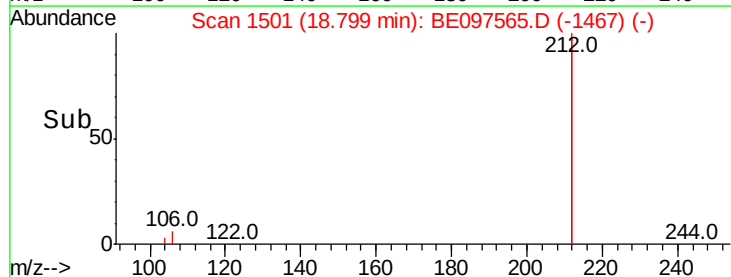
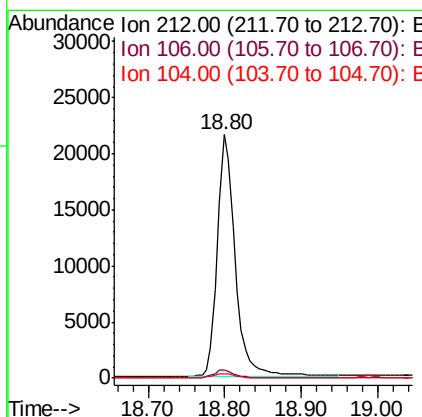
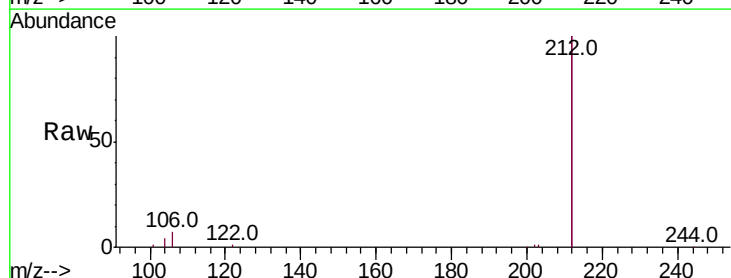
Ion	Ratio	Lower	Upper
266	100		
264	95.8	72.5	108.7
268	100.0	73.8	110.6

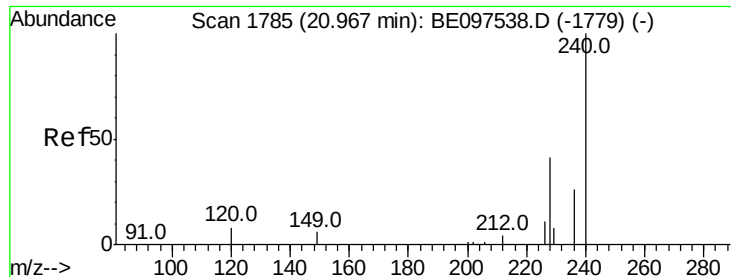


#25
 Fluoranthene-d10
 Concen: 0.423 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BE097565.D
 Acq: 20 Sep 2018 7:08

Tgt Ion:212 Resp: 34586

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	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: BE097565.D

Acq: 20 Sep 2018 7:08

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180915

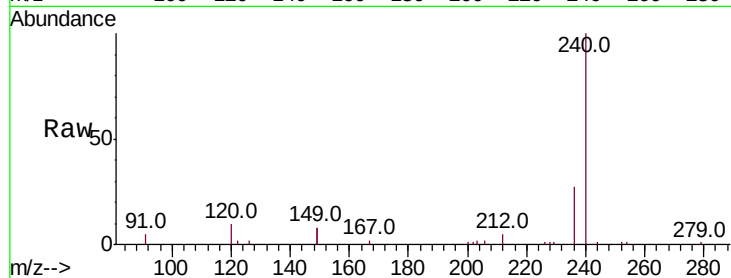
Tot Ion:240 Resp: 8449

Ion Ratio Lower Upper

240 100

120 10.2 5.5 8.3#

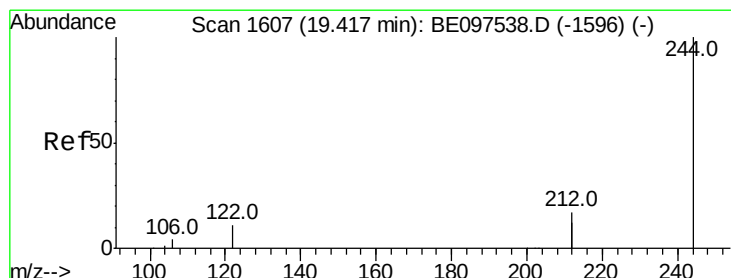
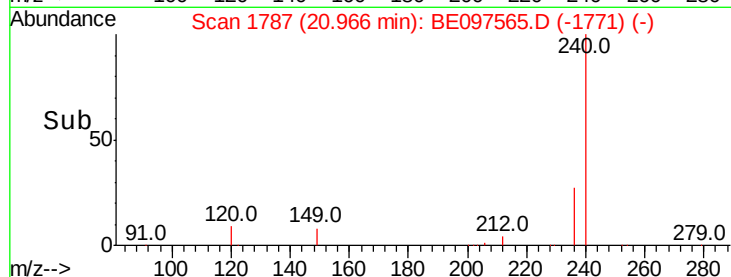
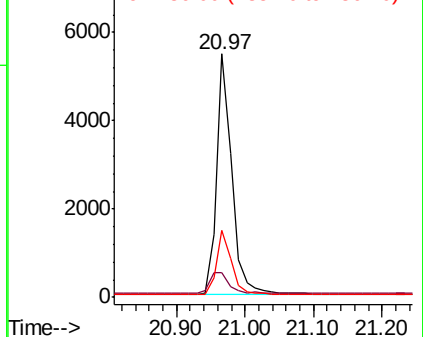
236 27.5 20.7 31.1



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: 0.560 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

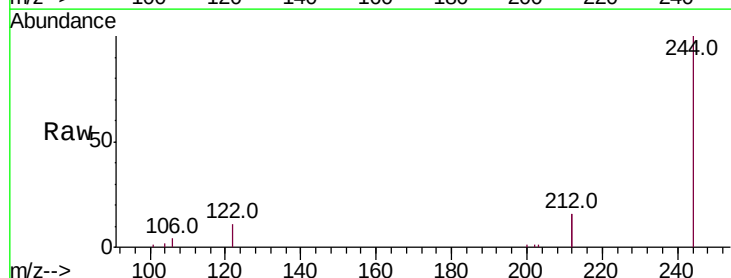
Tgt Ion:244 Resp: 8658

Ion Ratio Lower Upper

244 100

212 31.2 25.4 38.0

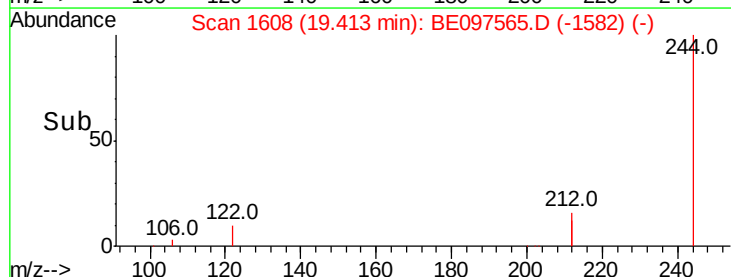
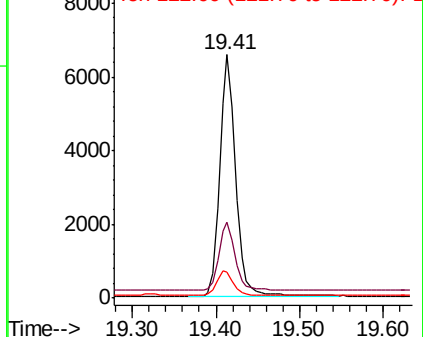
122 10.6 8.1 12.1

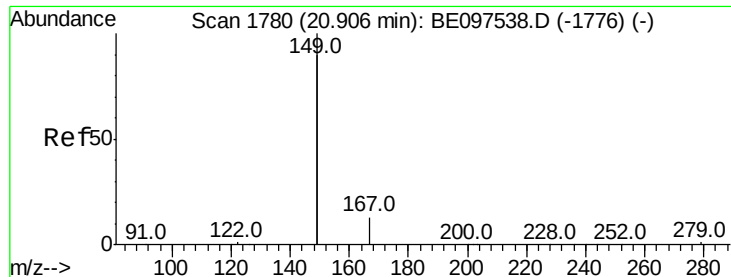


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 20.91 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180915

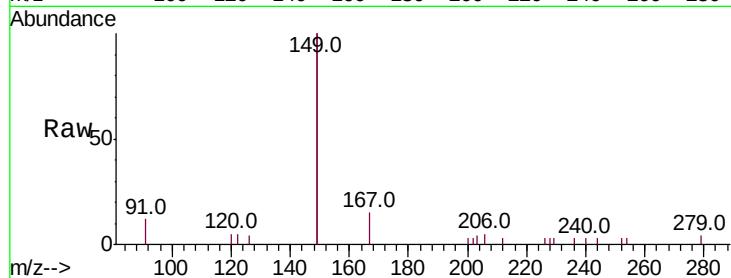
Tot Ion:149 Resp: 4818

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

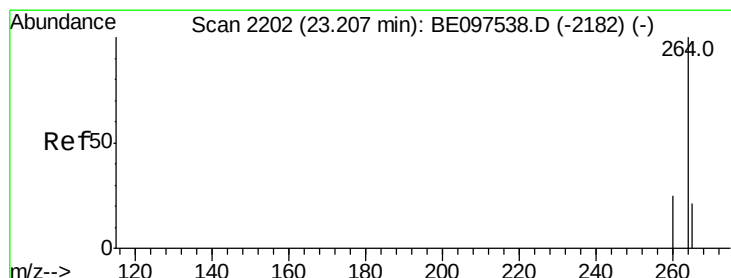
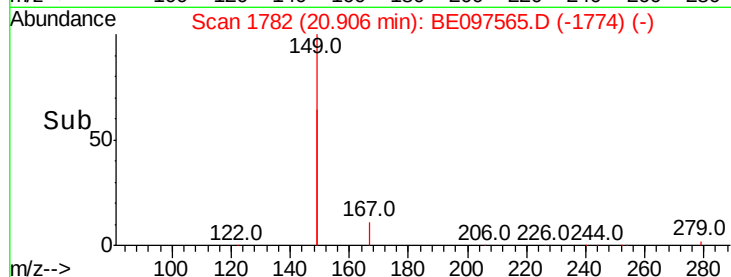
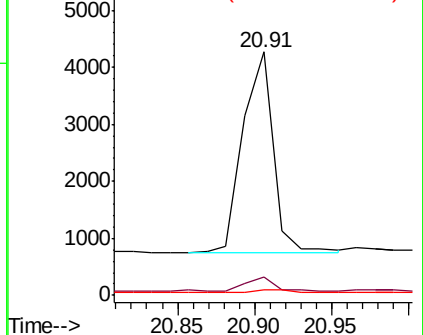
279 1.2 0.7 1.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

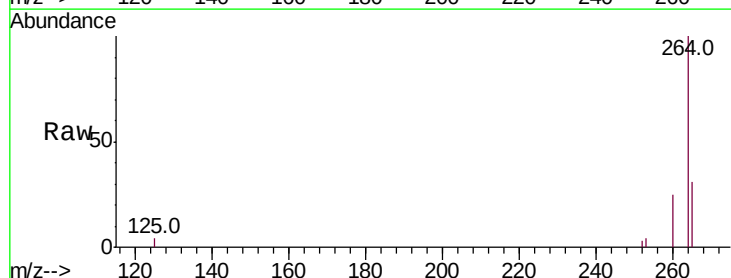
Tgt Ion:264 Resp: 8261

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

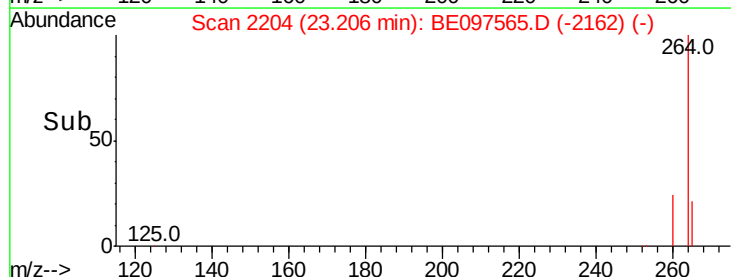
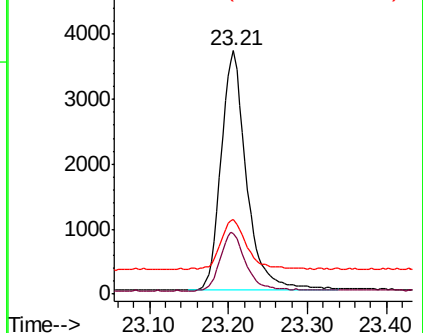
265 30.6 22.8 34.2

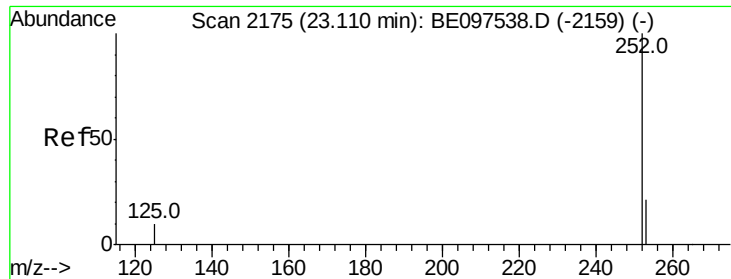


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.11 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE097565.D

Acq: 20 Sep 2018 7:08

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180915

Tot Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	131.1	16.0	24.0#
125	135.0	12.0	18.0#

