

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097549.D
 Acq On : 19 Sep 2018 20:38
 Operator : SJ/JU
 Sample : J4958-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-HN-MW24IR-20180914

Quant Time: Sep 20 05:09:51 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	909	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3834	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1974	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	5786	0.40	ng	0.01
27) Chrysene-d12	20.97	240	10247	0.40	ng	0.00
34) Perylene-d12	23.20	264	11175	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	466	0.17	ng	0.00
5) Phenol-d6	6.61	99	296	0.09	ng	0.00
8) Nitrobenzene-d5	8.54	82	1141	0.39	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2042	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	362	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3638	0.52	ng	0.00
25) Fluoranthene-d10	18.80	212	33422	0.45	ng	0.00
29) Terphenyl-d14	19.41	244	8933	0.48	ng	0.00

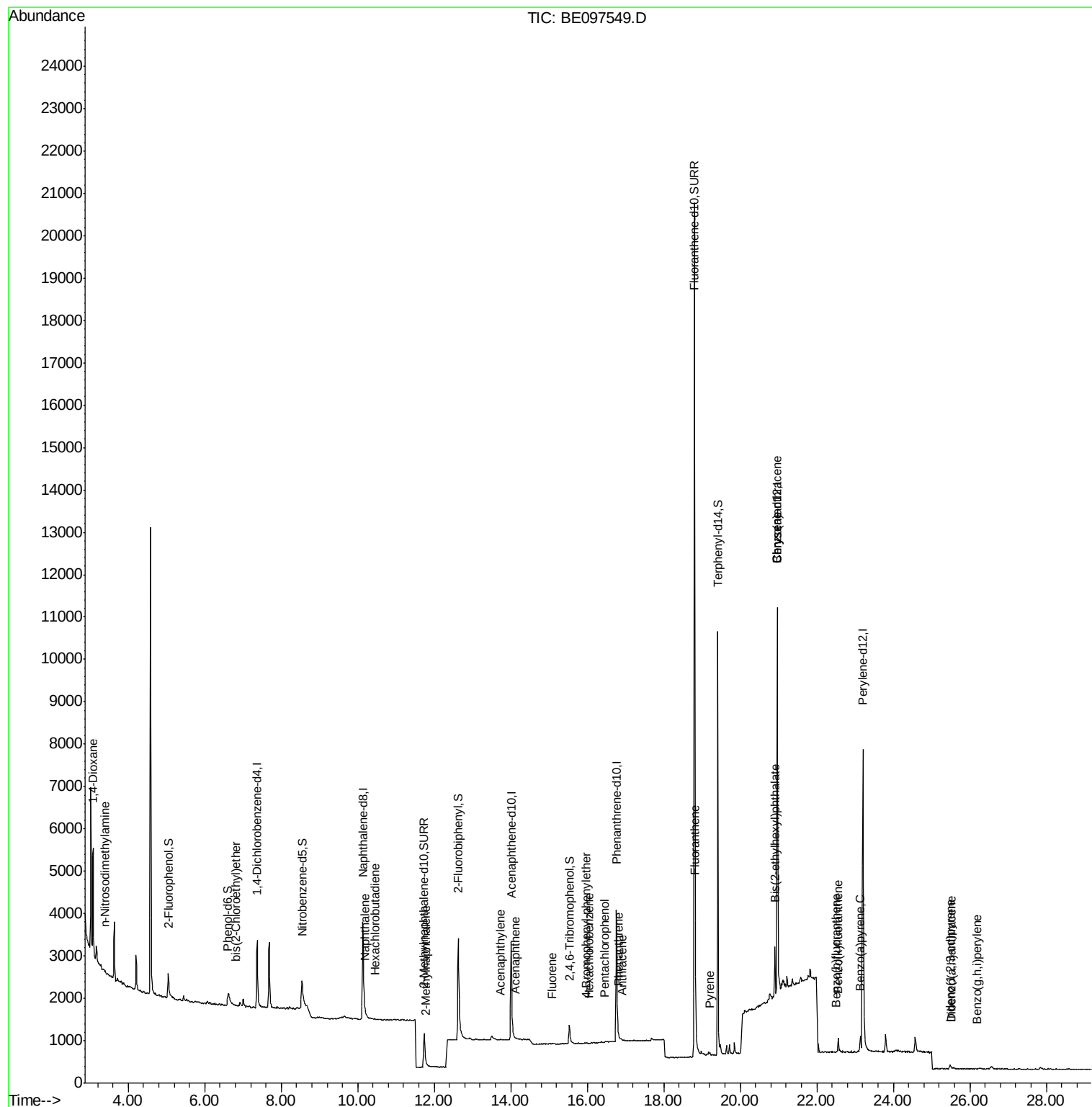
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	1694	1.172	ng	# 92
3) n-Nitrosodimethylamine	3.39	42	18	0.030	ng	# 1
6) bis(2-Chloroethyl)ether	6.81	93	5	0.002	ng	# 1
9) Naphthalene	10.19	128	136	0.004	ng	# 49
10) Hexachlorobutadiene	10.46	225	4	0.003	ng	# 49
12) 2-Methylnaphthalene	11.79	142	2	0.000	ng	# 56
16) Acenaphthylene	13.73	152	10	0.001	ng	# 57
17) Acenaphthene	14.11	154	1	0.000	ng	# 7
18) Fluorene	15.09	166	8	0.001	ng	# 72
20) 4-Bromophenyl-phenylether	15.97	248	4	0.002	ng	# 58
21) Hexachlorobenzene	16.05	284	3	0.001	ng	# 1
22) Pentachlorophenol	16.46	266	4	0.133	ng	# 92
23) Phenanthrene	16.81	178	55	0.004	ng	# 74
24) Anthracene	16.92	178	13	0.001	ng	# 62
26) Fluoranthene	18.83	202	33	0.002	ng	# 68
28) Pyrene	19.21	202	42	0.002	ng	# 58
30) Benzo(a)anthracene	20.97	228	59	0.002	ng	# 1
31) Chrysene	20.97	228	49	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	1568	0.047	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	5	0.000	ng	# 67
35) Benzo(b)fluoranthene	22.50	252	3	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.56	252	82	0.003	ng	# 1
37) Benzo(a)pyrene	23.13	252	61	0.023	ng	# 1
38) Dibenzo(a,h)anthracene	25.51	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.19	276	2	0.000	ng	# 1

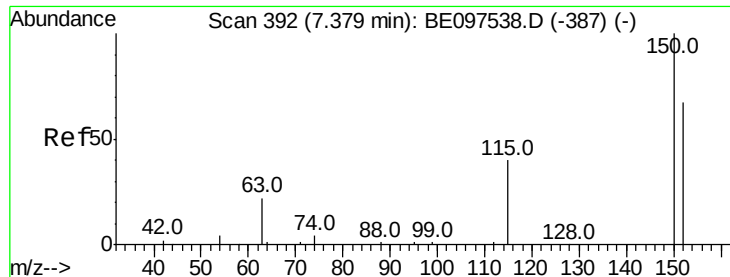
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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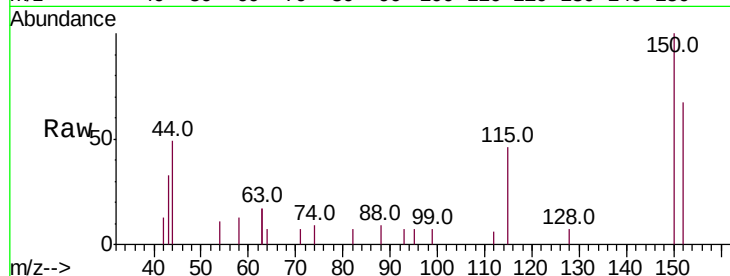


#1

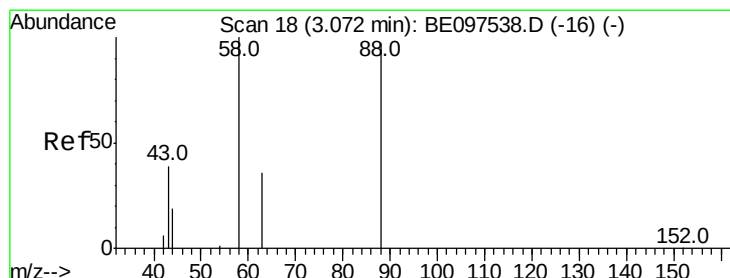
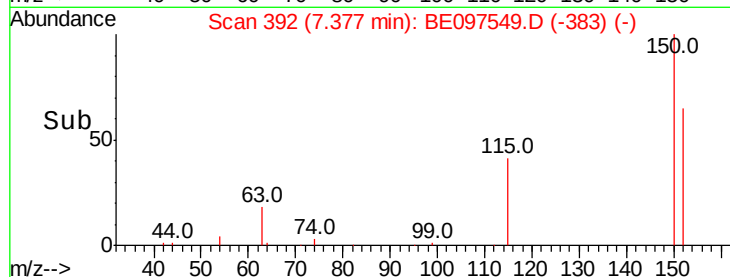
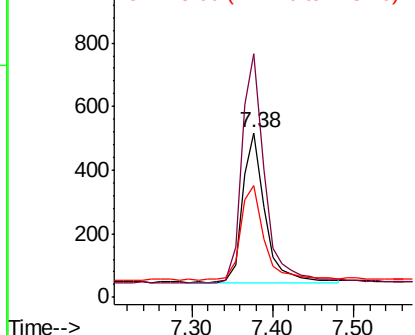
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

Instrument :
BNA_E
ClientSampleId :
BPSI-HN-MW24IR-20180914

Tot Ion:152 Resp: 909
Ion Ratio Lower Upper
152 100
150 148.2 117.2 175.8
115 67.9 57.0 85.6



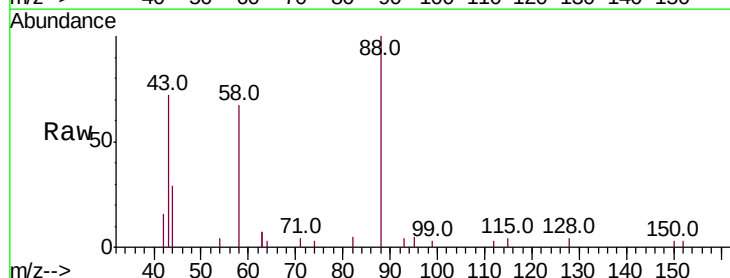
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



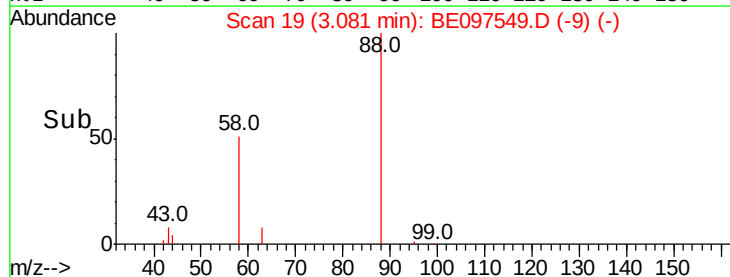
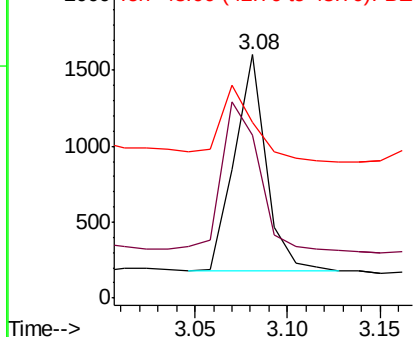
#2

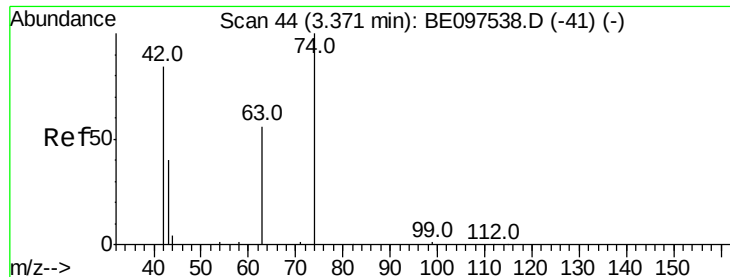
1,4-Dioxane
Concen: 1.172 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

Tgt Ion: 88 Resp: 1694
Ion Ratio Lower Upper
88 100
58 80.0 63.2 94.8
43 38.4 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: 0.030 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

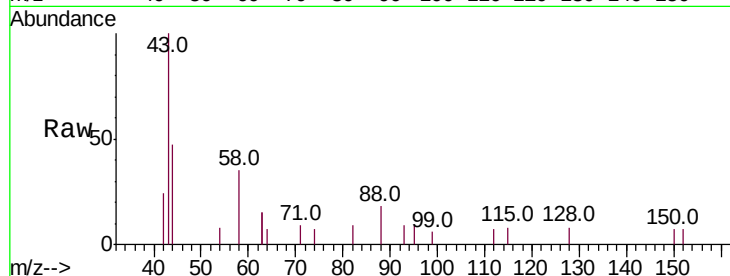
Tot Ion: 42 Resp: 18

Ion Ratio Lower Upper

42 100

74 5.6 96.0 144.0#

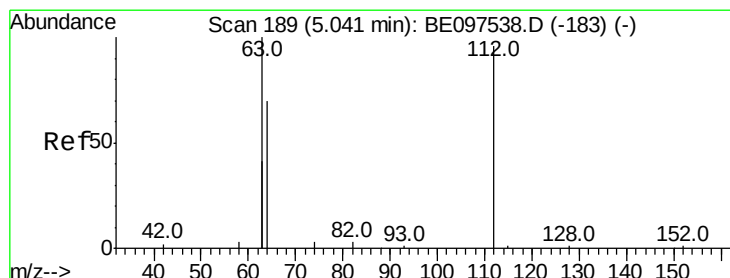
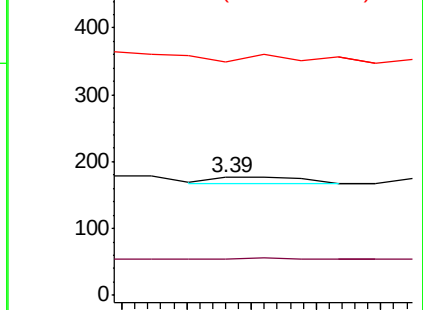
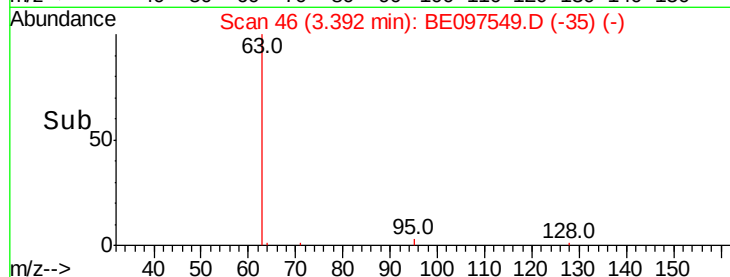
44 55.6 12.0 18.0#



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: 0.171 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

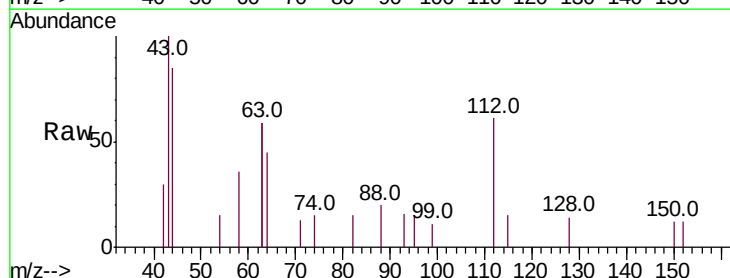
Tgt Ion: 112 Resp: 466

Ion Ratio Lower Upper

112 100

64 66.1 60.1 90.1

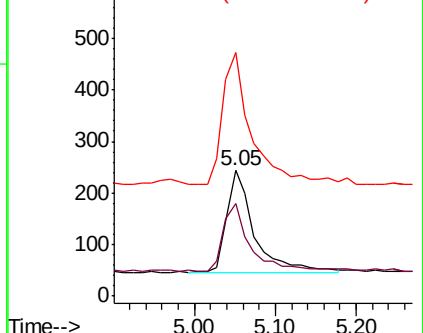
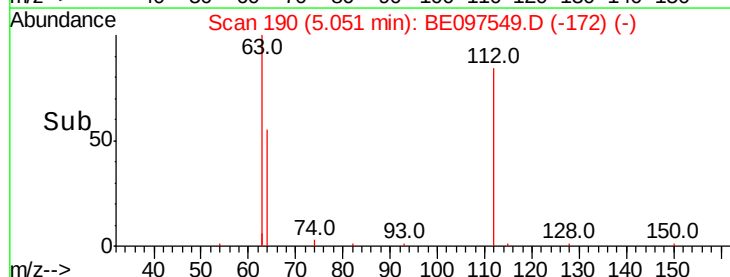
63 137.6 116.8 175.2

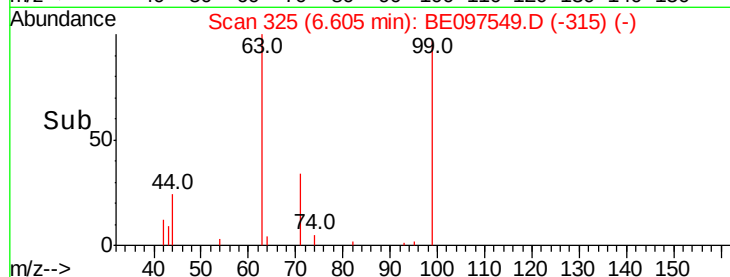
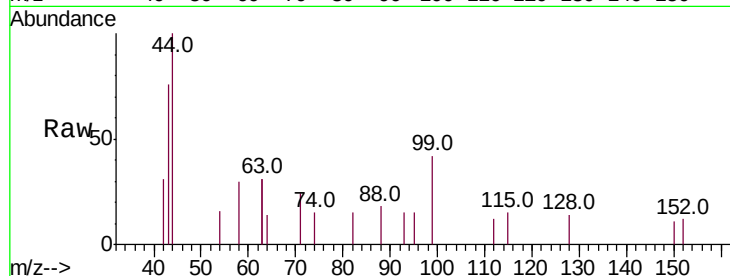
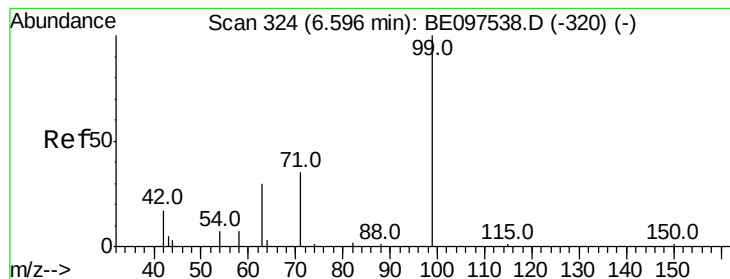


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

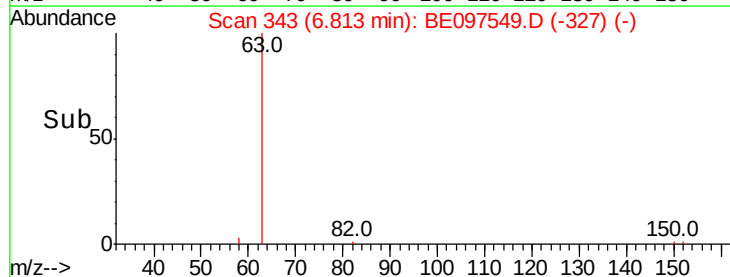
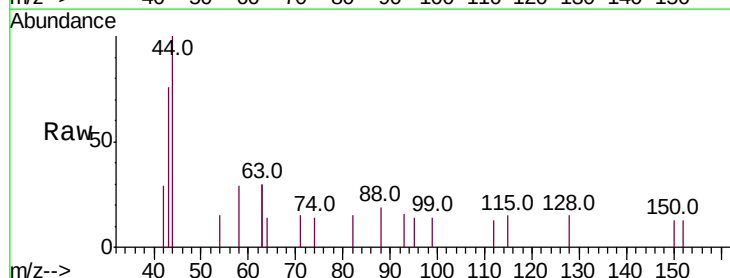
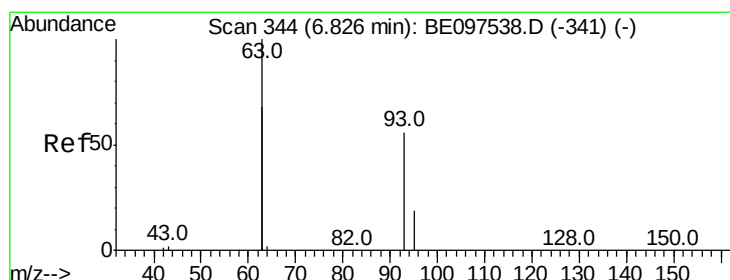
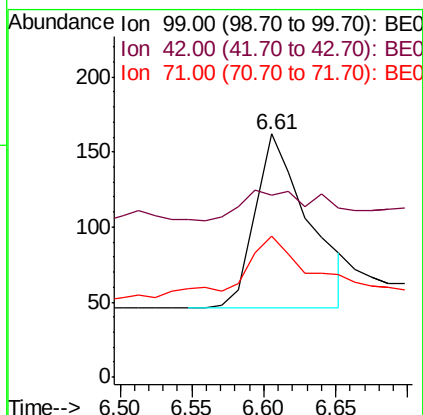
Tot Ion: 99 Resp: 296

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

71 41.2 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

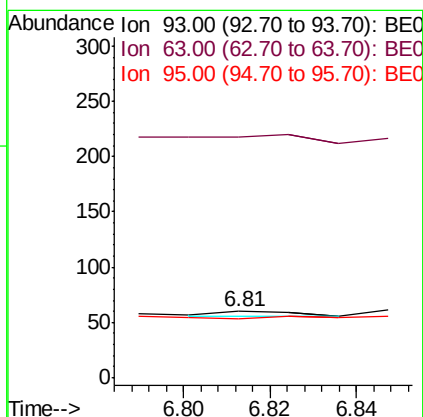
Tgt Ion: 93 Resp: 5

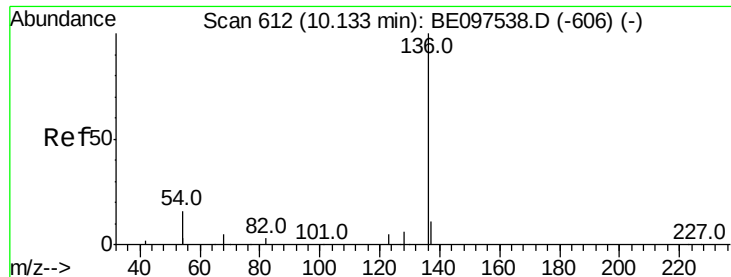
Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

95 100.0 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

Tot Ion:136 Resp: 3834

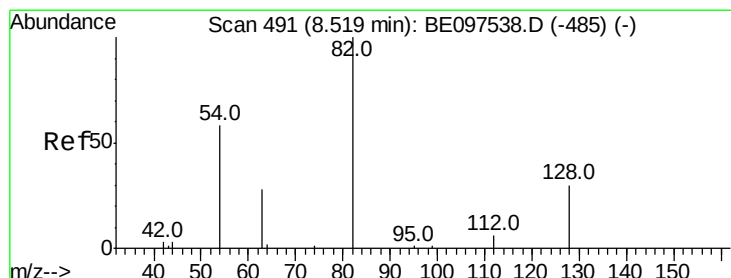
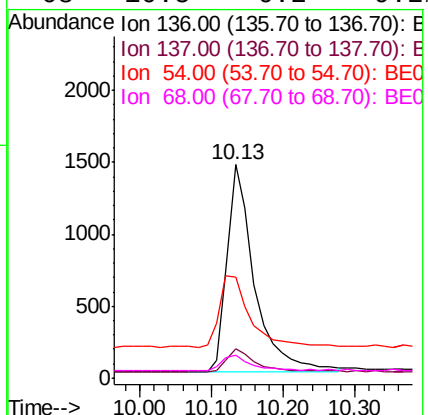
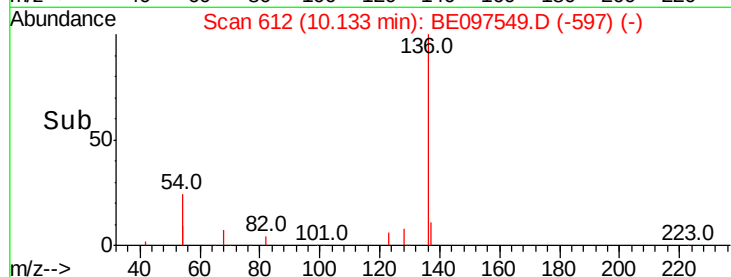
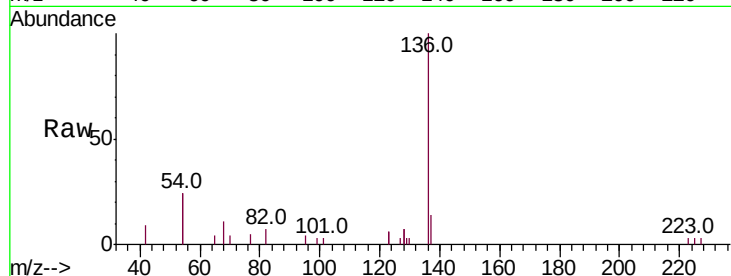
Ion Ratio Lower Upper

136 100

137 13.9 9.5 14.3

54 47.3 29.1 43.7#

68 10.5 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.385 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.02 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

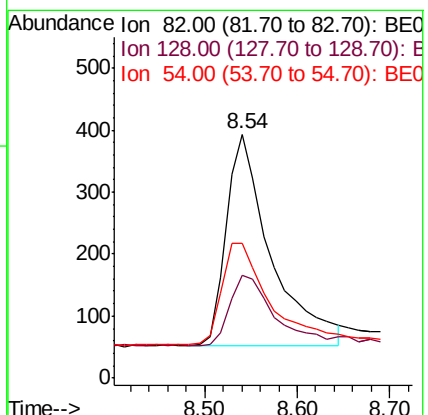
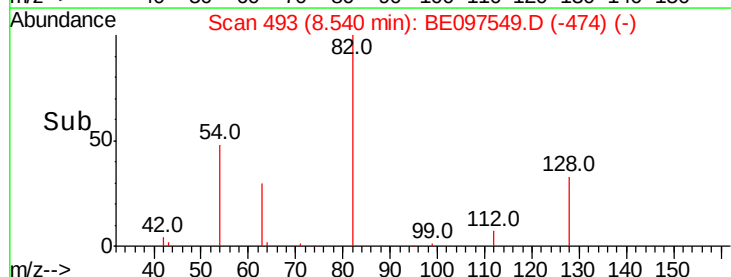
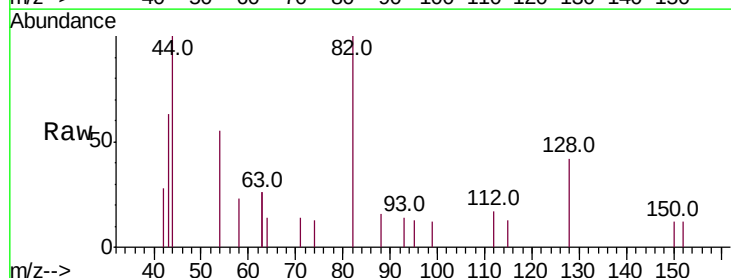
Tgt Ion: 82 Resp: 1141

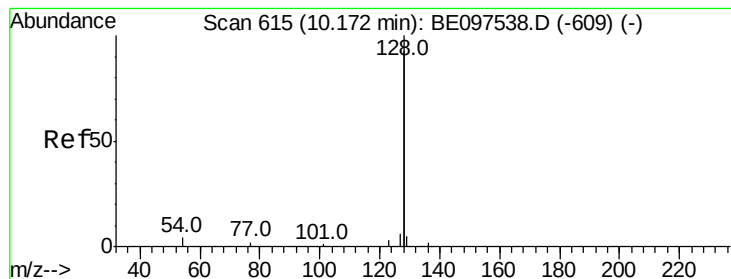
Ion Ratio Lower Upper

82 100

128 42.0 24.0 36.0#

54 55.5 40.0 60.0





#9

Naphthalene

Concen: 0.004 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097549.D

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Instrument :

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ClientSampleId :

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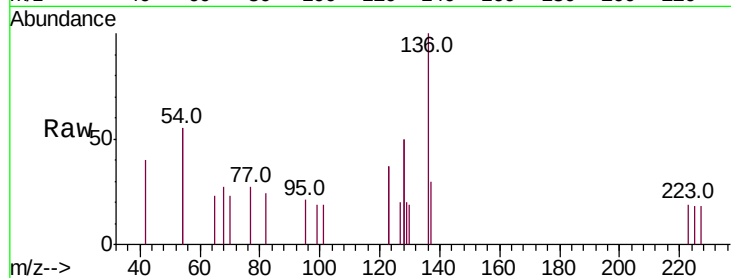
Tot Ion:128 Resp: 136

Ion Ratio Lower Upper

128 100

129 20.5 2.6 3.8#

127 19.7 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

10.19

250

200

150

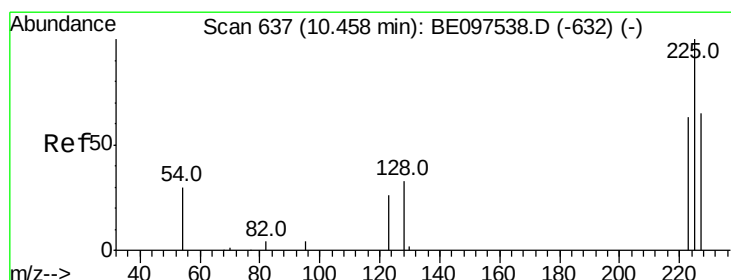
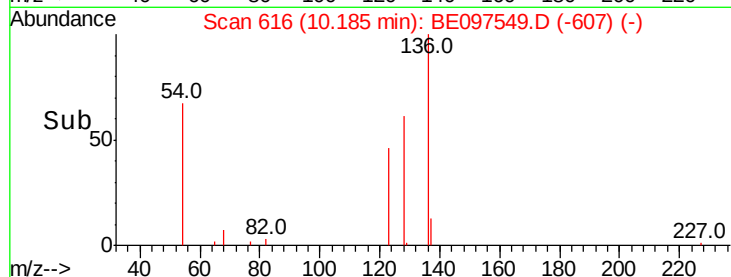
100

50

0

10.10 10.20 10.30

Time-->



#10

Hexachlorobutadiene

Concen: 0.003 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

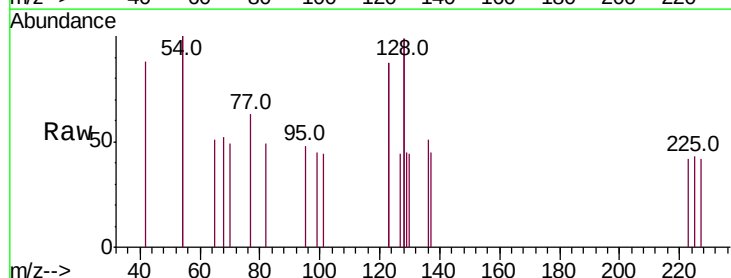
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

227 50.0 51.4 77.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.46

60

50

40

30

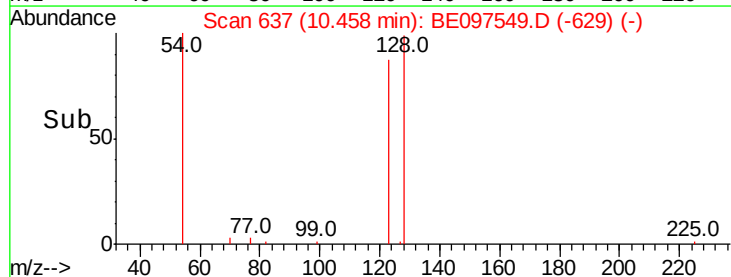
20

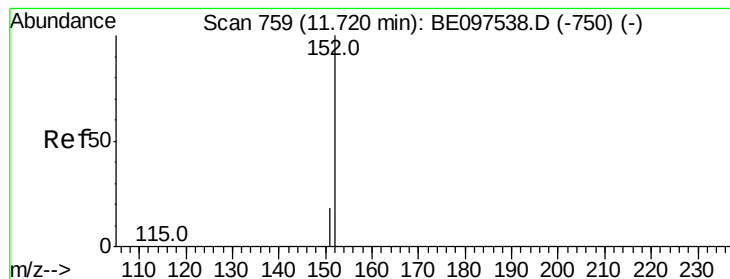
10

0

10.40 10.45 10.50

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

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ClientSampleId :

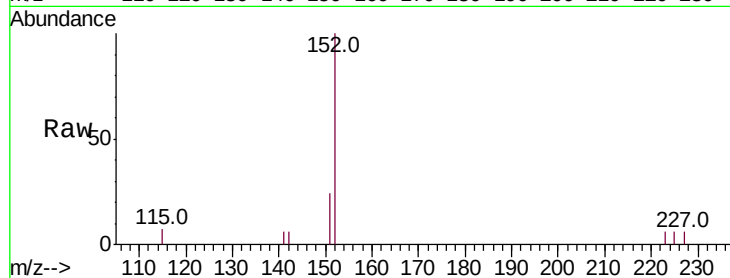
BPSI-HN-MW24IR-20180914

Tot Ion:152 Resp: 2042

Ion Ratio Lower Upper

152 100

151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

800

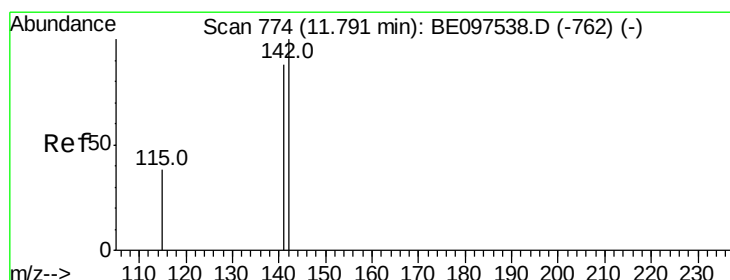
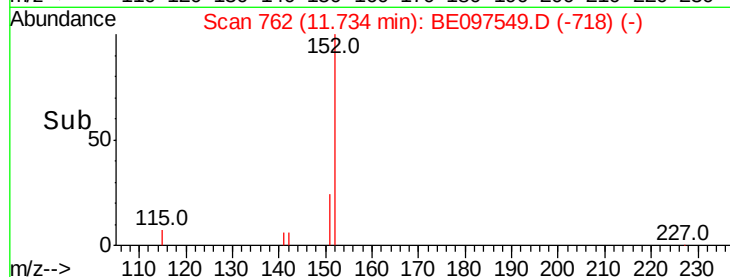
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 11.79 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

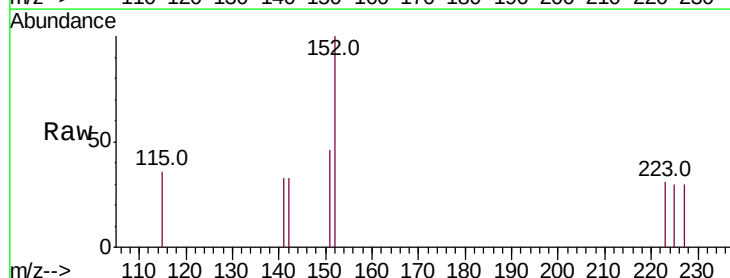
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 100.0 70.4 105.6

115 108.2 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.79

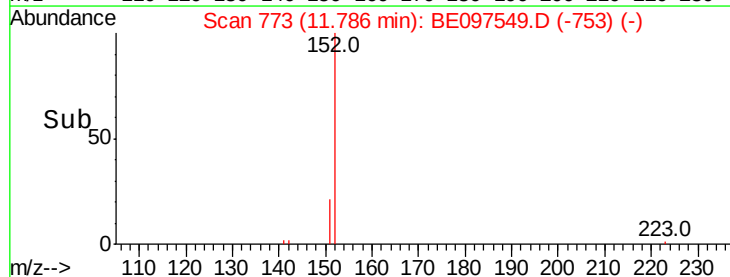
60

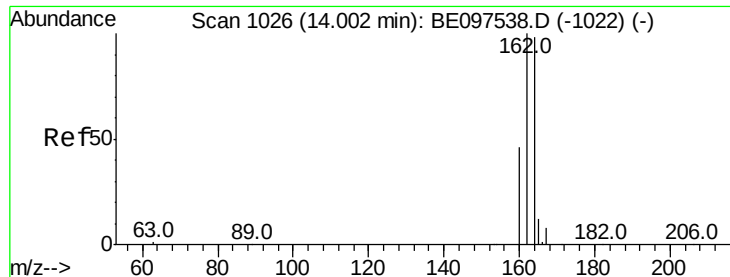
40

20

0

Time--> 11.77 11.78 11.79





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

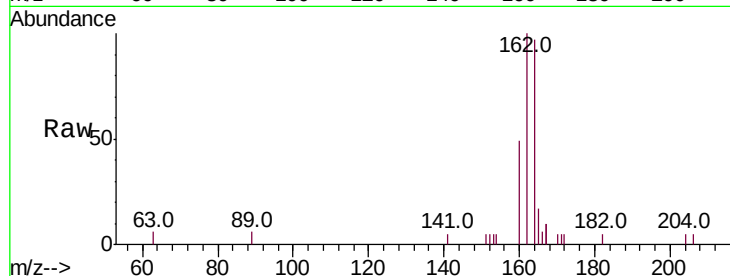
Tot Ion:164 Resp: 1974

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

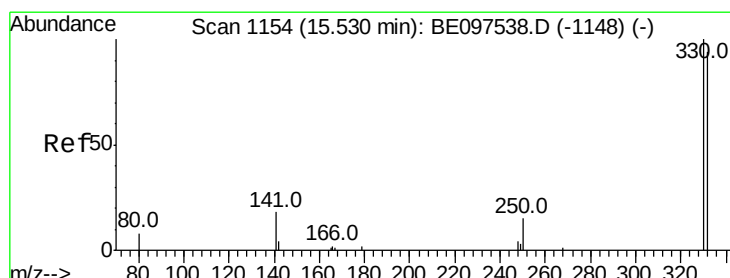
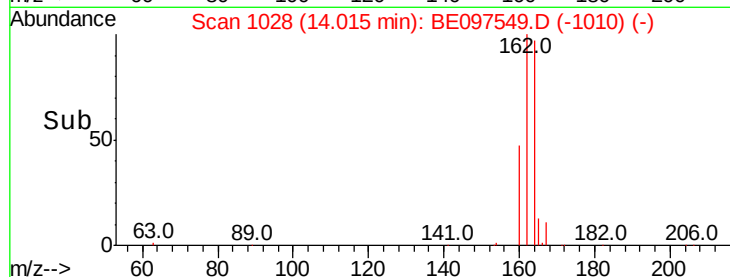
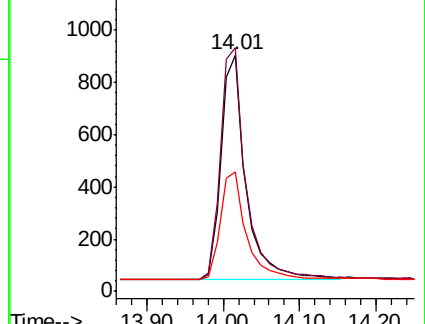
160 50.7 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.468 ng

RT: 15.53 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

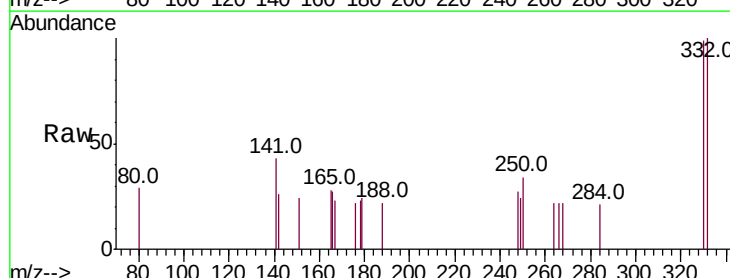
Tgt Ion:330 Resp: 362

Ion Ratio Lower Upper

330 100

332 100.0 152.7 229.1#

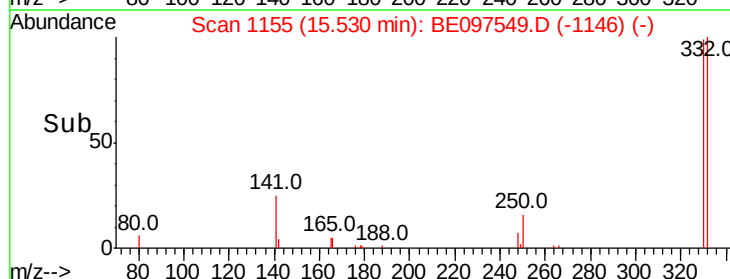
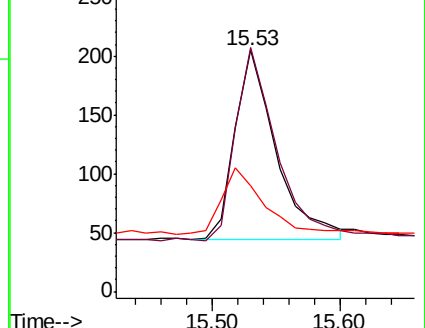
141 36.2 33.7 50.5

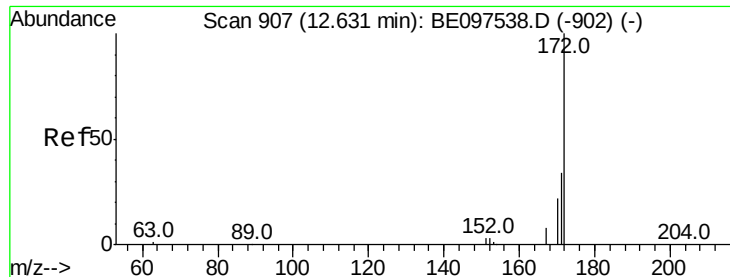


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

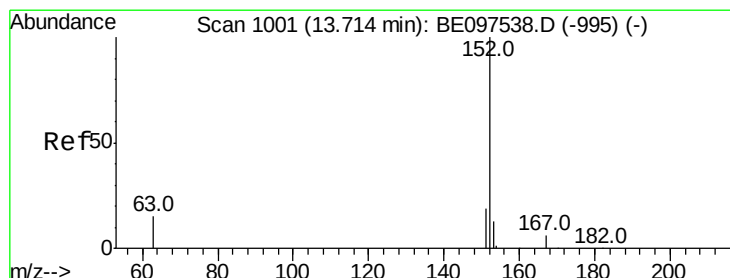
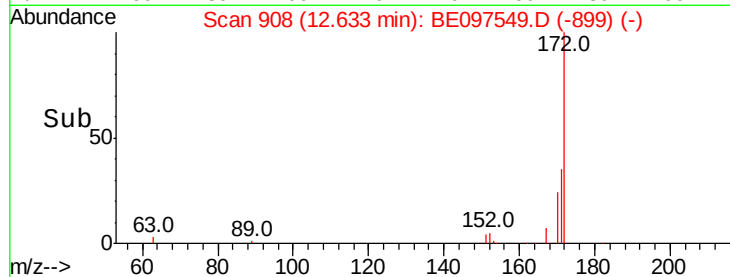
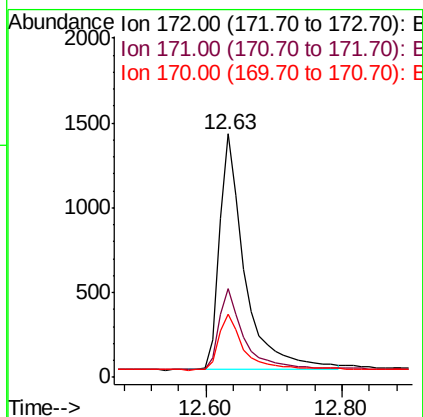
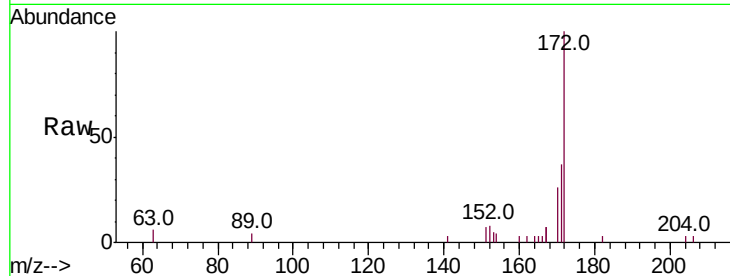




#15
2-Fluorobiphenyl
Concen: 0.522 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

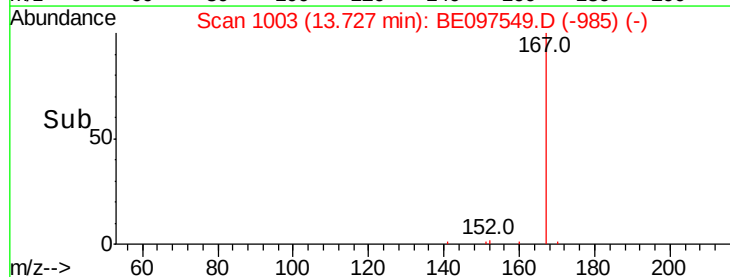
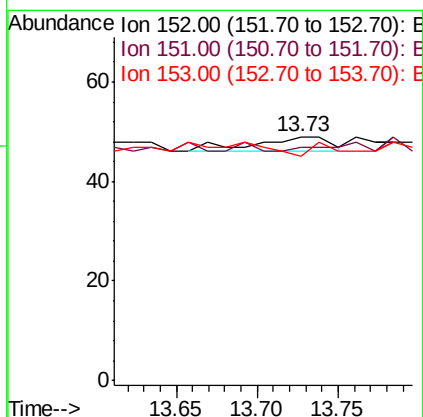
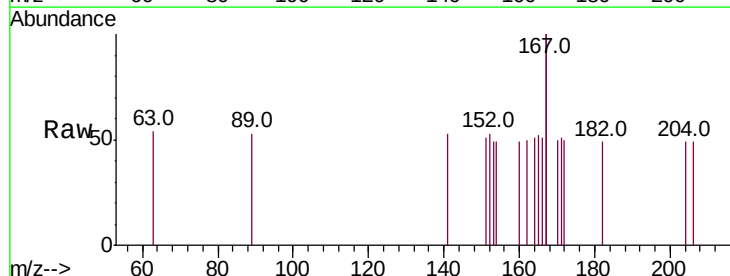
Instrument :
BNA_E
ClientSampleId :
BPSI-HN-MW24IR-20180914

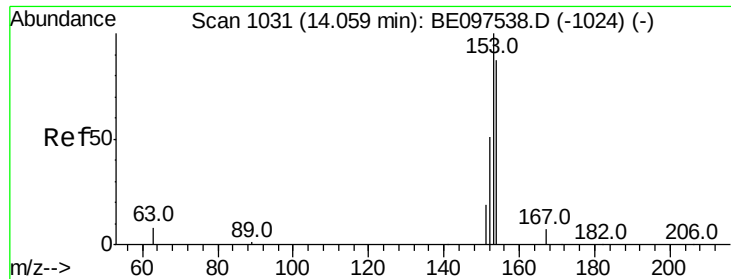
Tot Ion:172 Resp: 3638
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 26.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

Tgt Ion:152 Resp: 10
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 30.0 10.5 15.7#

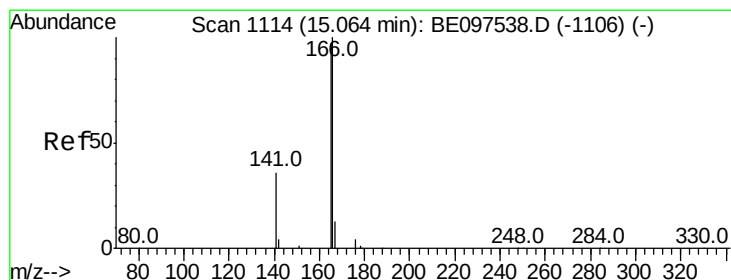
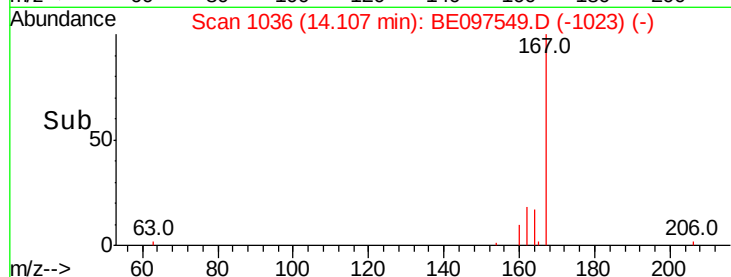
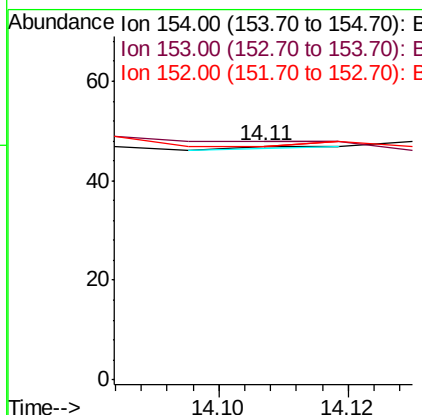
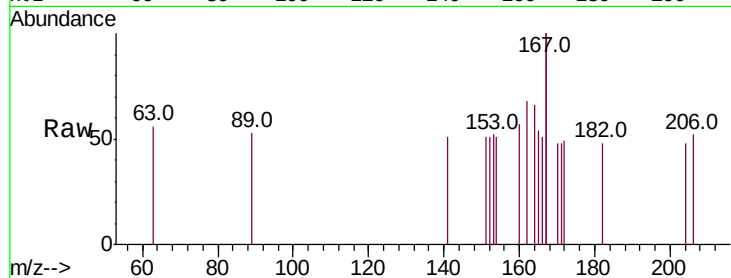




#17
Acenaphthene
Concen: 0.000 ng
RT: 14.11 min Scan# 1036
Delta R.T. 0.05 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

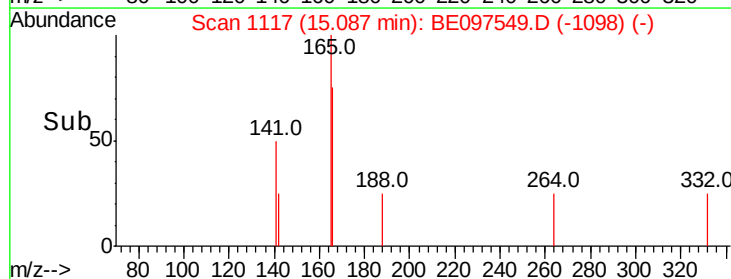
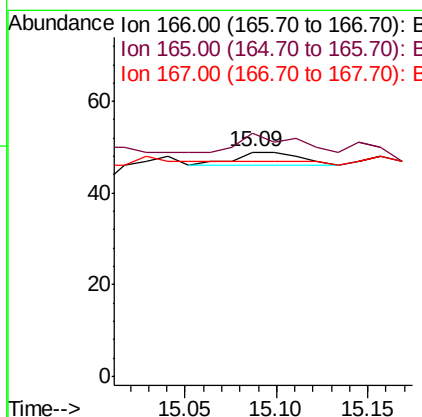
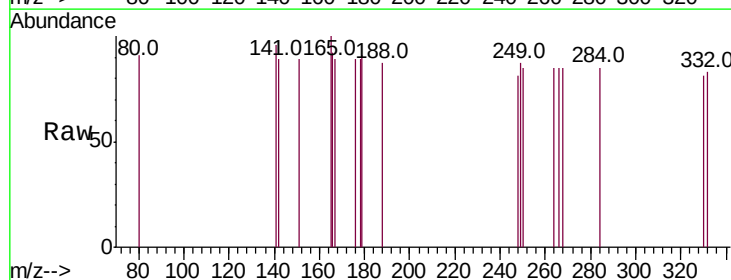
Instrument :
BNA_E
ClientSampleId :
BPSI-HN-MW24IR-20180914

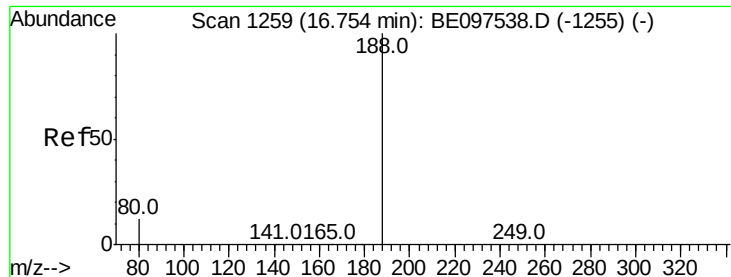
Tot Ion:154 Resp: 1
Ion Ratio Lower Upper
154 100
153 0.0 89.2 133.8#
152 100.0 42.0 63.0#



#18
Fluorene
Concen: 0.001 ng
RT: 15.09 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

Tgt Ion:166 Resp: 8
Ion Ratio Lower Upper
166 100
165 100.0 77.8 116.6
167 0.0 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

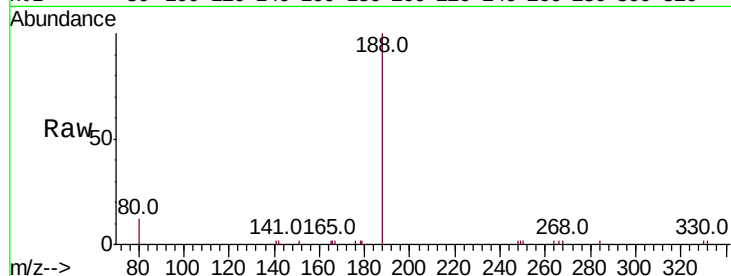
Tot Ion:188 Resp: 5786

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

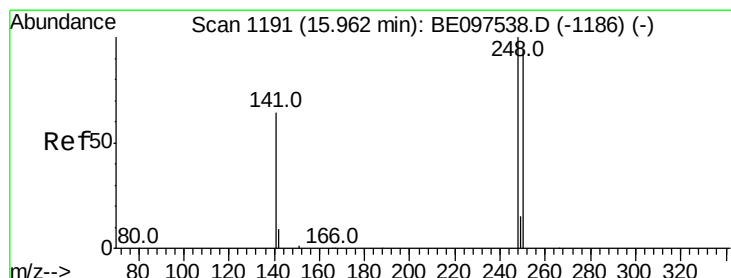
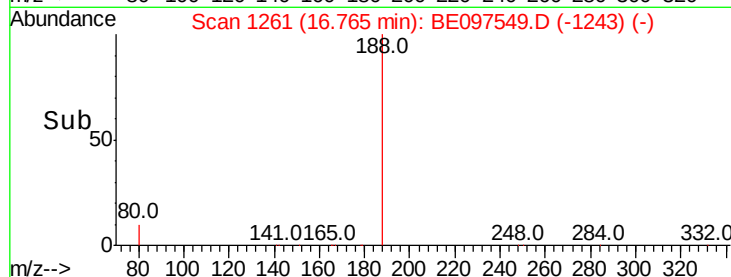
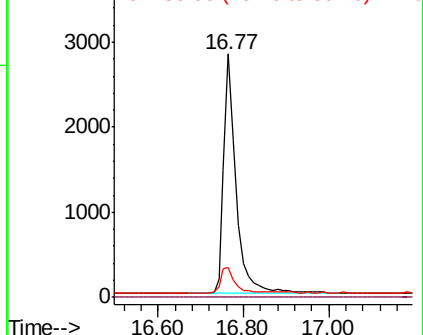
80 12.0 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

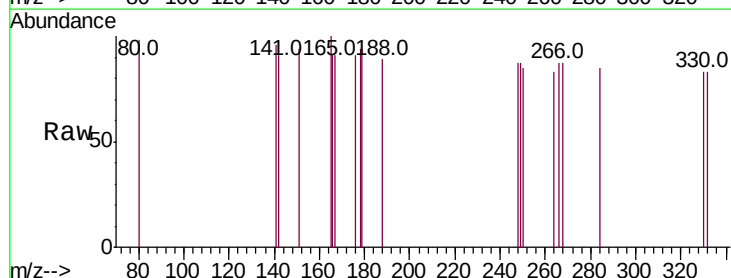
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 97.8 62.7 94.1#

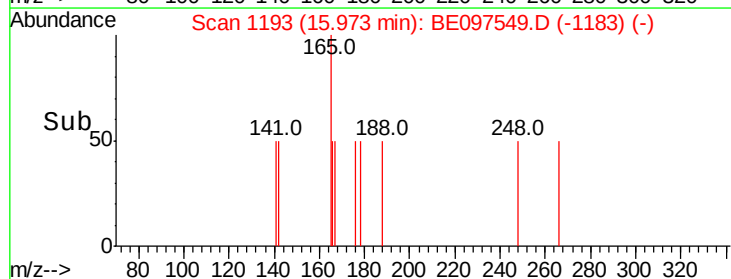
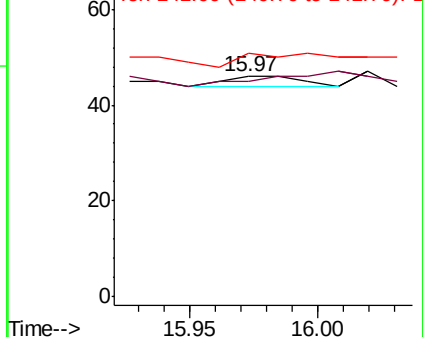
141 110.9 48.2 72.2#

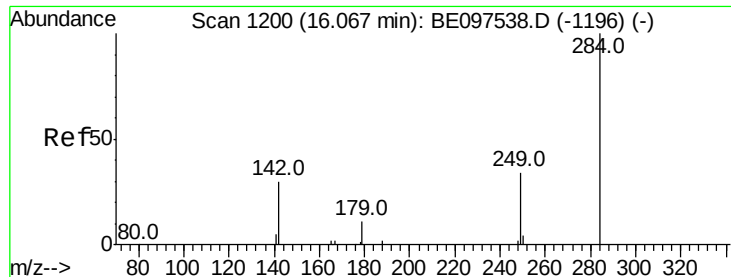


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

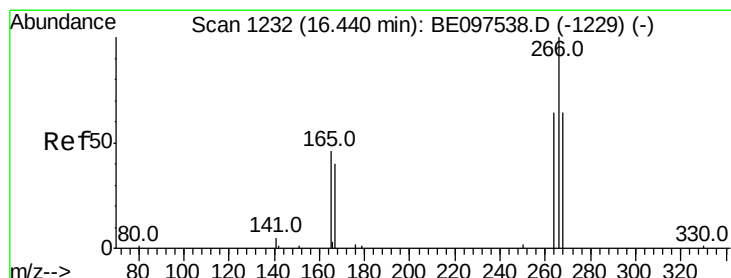
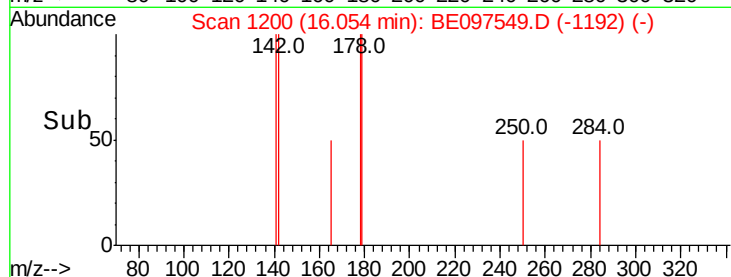
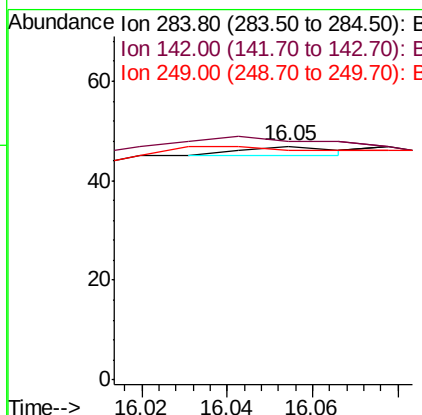
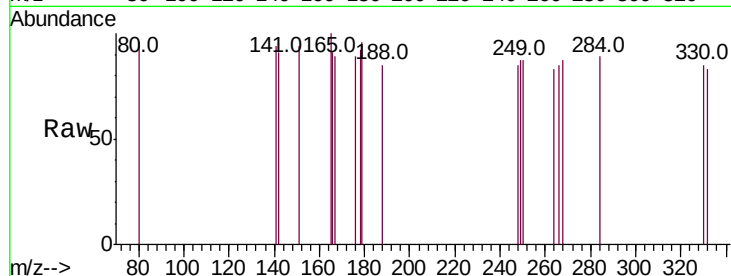




#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.05 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

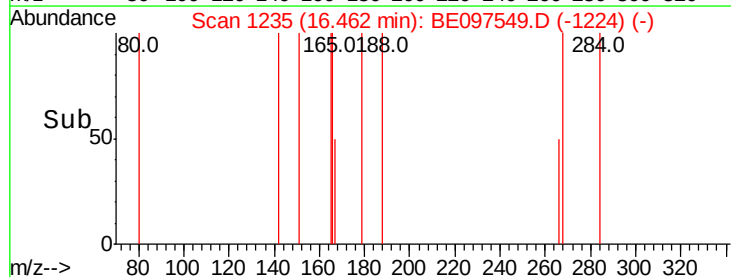
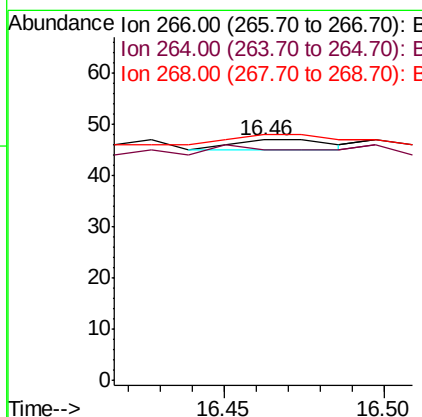
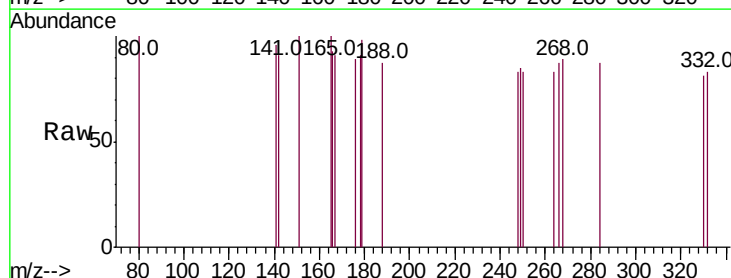
Instrument :
BNA_E
ClientSampleId :
BPSI-HN-MW24IR-20180914

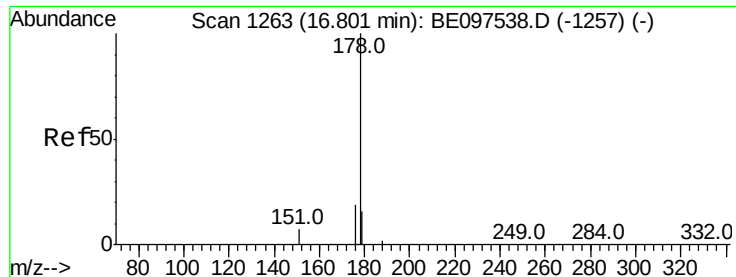
Tot Ion:284 Resp: 3
Ion Ratio Lower Upper
284 100
142 233.3 22.1 33.1#
249 0.0 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.133 ng
RT: 16.46 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BE097549.D
Acq: 19 Sep 2018 20:38

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 95.7 72.5 108.7
268 102.1 73.8 110.6





#23

Phenanthrene

Concen: 0.004 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

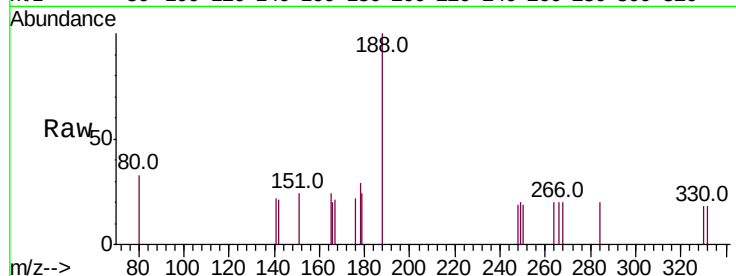
Tot Ion:178 Resp: 55

Ion Ratio Lower Upper

178 100

176 27.3 15.1 22.7#

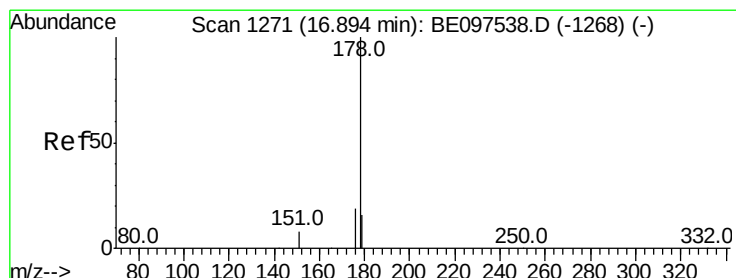
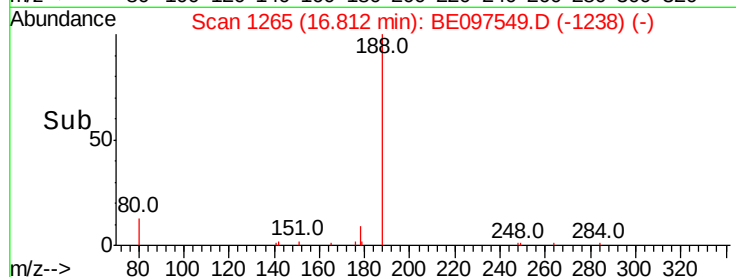
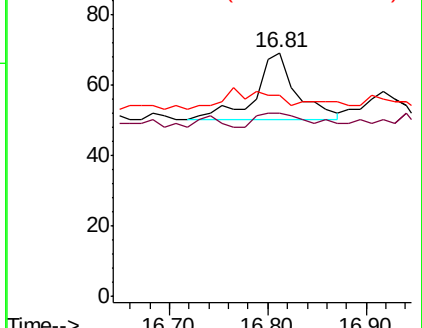
179 0.0 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.001 ng

RT: 16.92 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

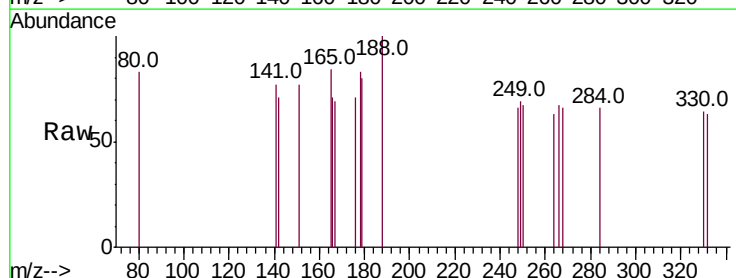
Tgt Ion:178 Resp: 13

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

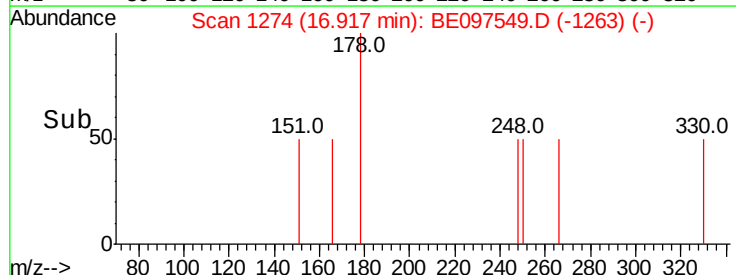
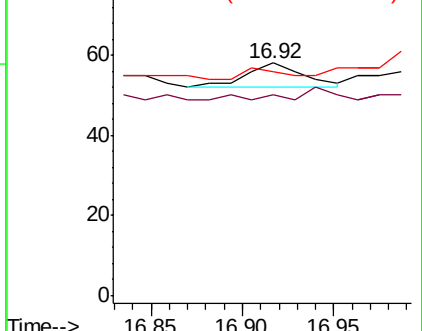
179 0.0 13.0 19.6#

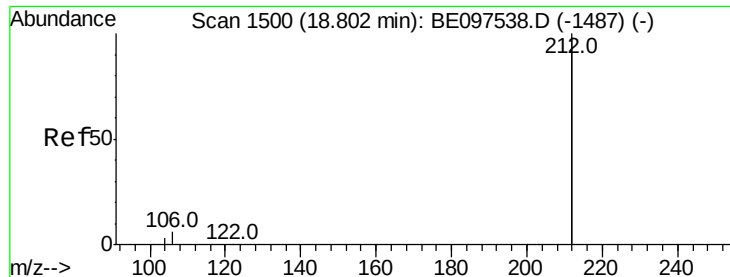


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.451 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

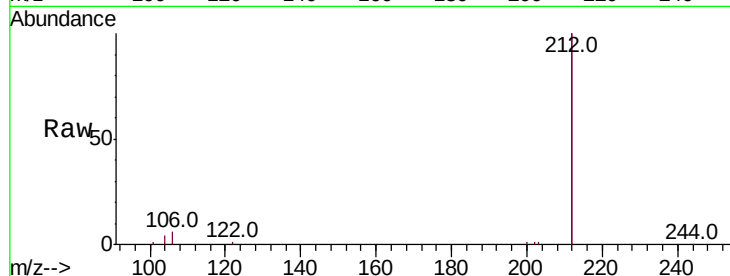
Tot Ion:212 Resp: 33422

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

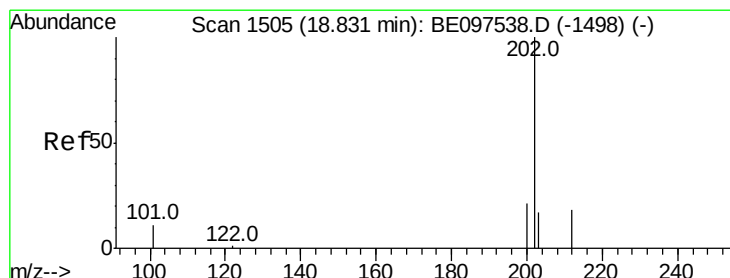
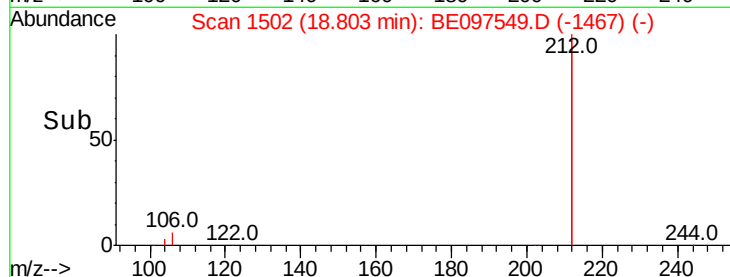
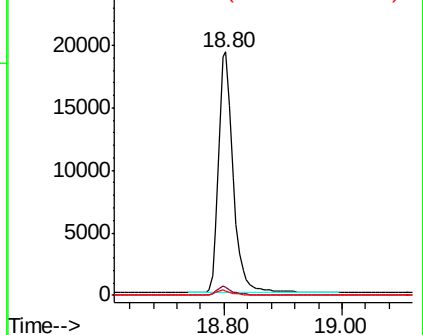
104 1.7 1.6 2.4



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



#26

Fluoranthene

Concen: 0.002 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

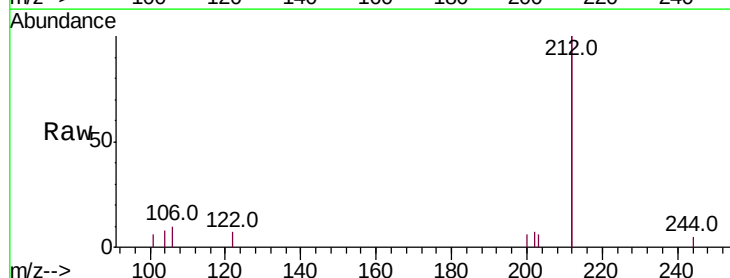
Tgt Ion:202 Resp: 33

Ion Ratio Lower Upper

202 100

101 18.2 9.8 14.8#

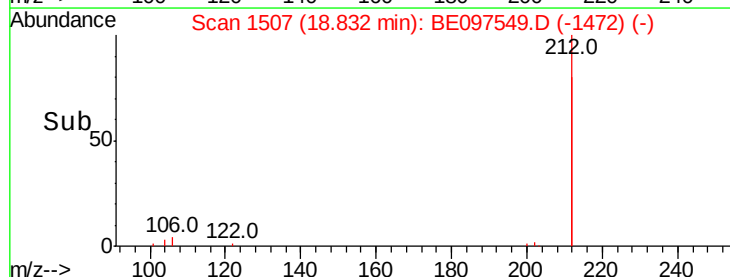
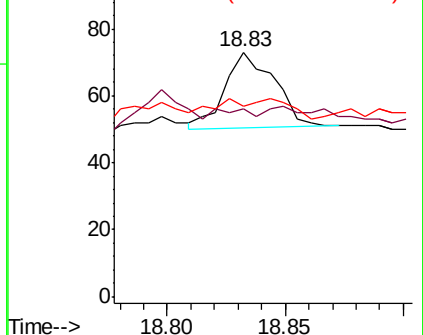
203 36.4 13.7 20.5#

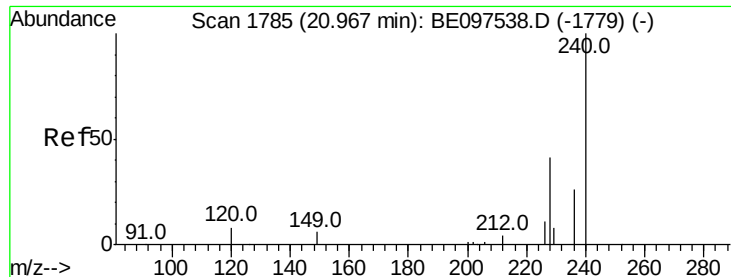


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

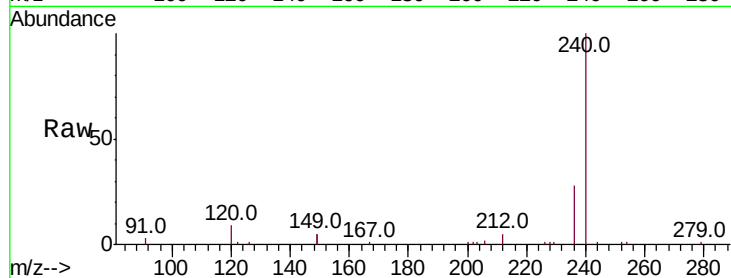
Tot Ion:240 Resp: 10247

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

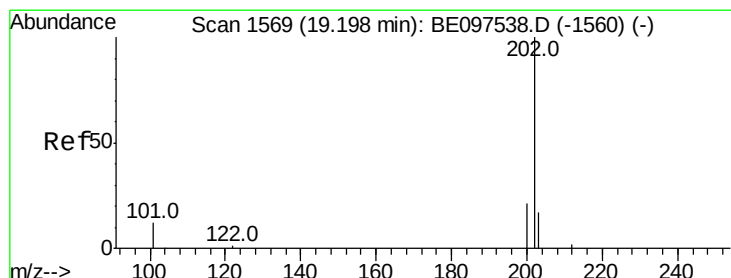
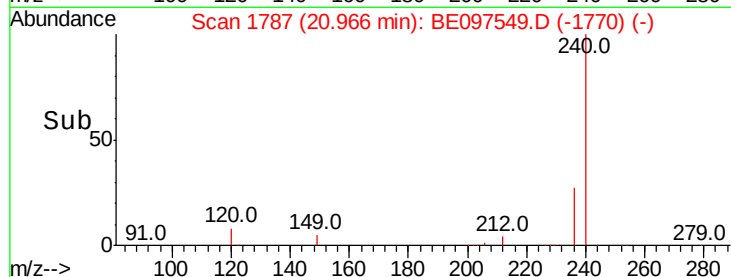
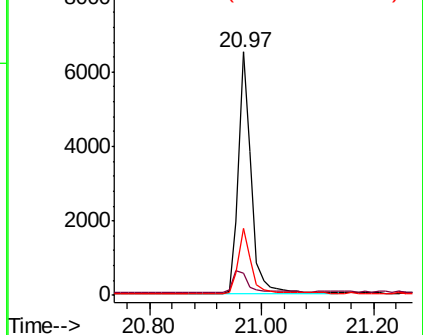
236 27.7 20.7 31.1



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



#28

Pyrene

Concen: 0.002 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

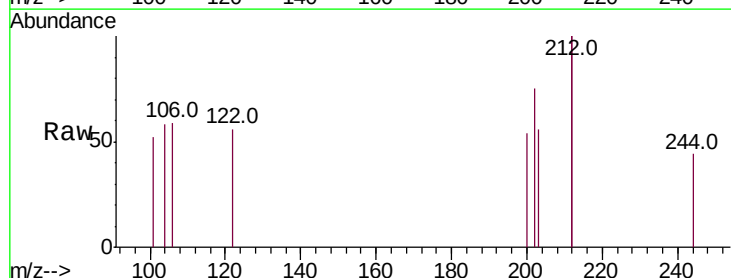
Tgt Ion:202 Resp: 42

Ion Ratio Lower Upper

202 100

200 38.1 16.6 25.0#

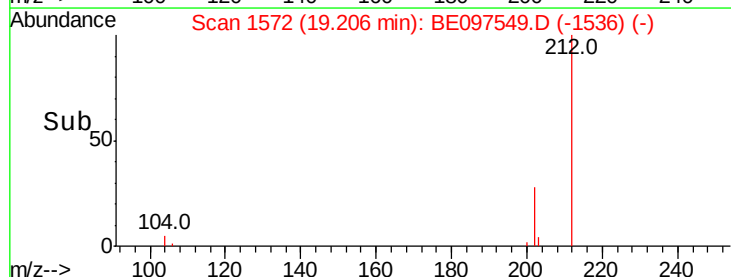
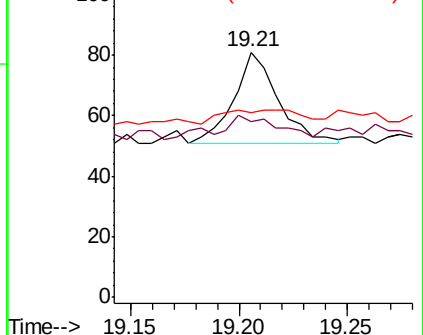
203 38.1 13.8 20.8#

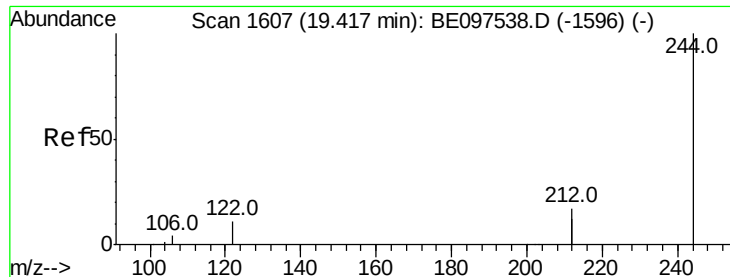


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.476 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

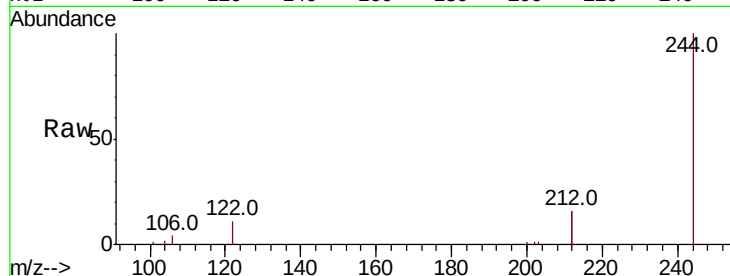
Tot Ion:244 Resp: 8933

Ion Ratio Lower Upper

244 100

212 31.6 25.4 38.0

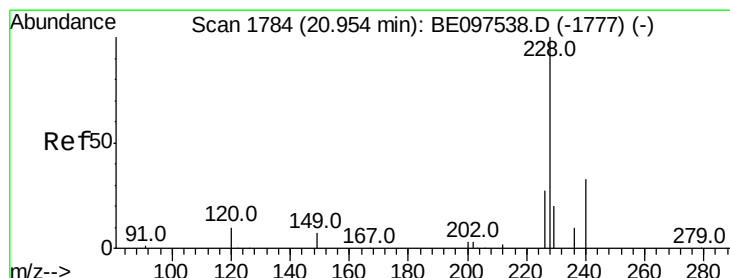
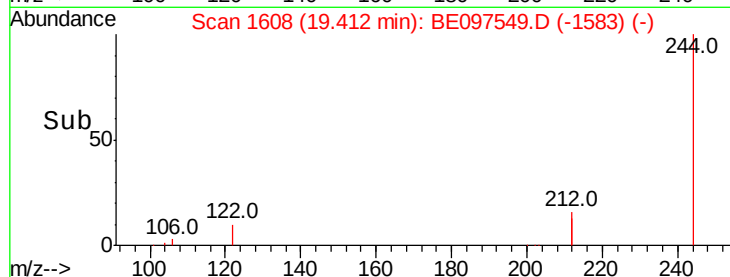
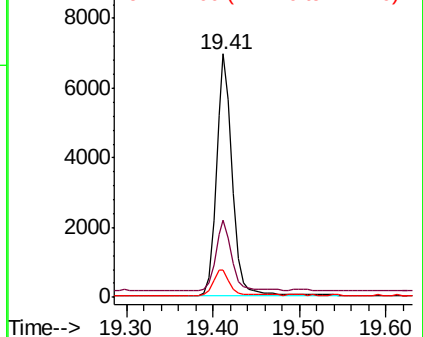
122 11.1 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

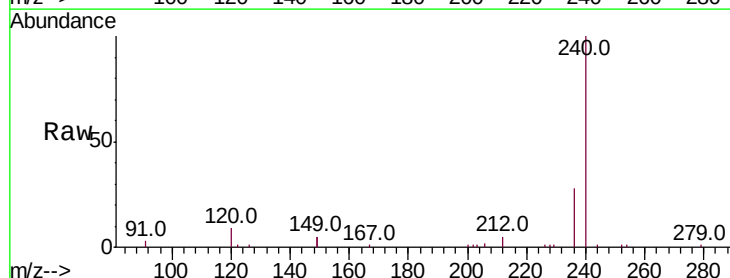
Tgt Ion:228 Resp: 59

Ion Ratio Lower Upper

228 100

226 72.0 24.0 36.0#

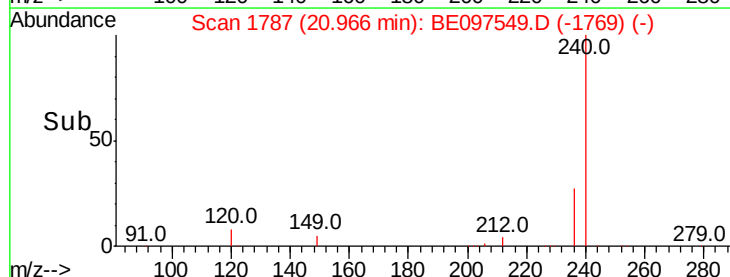
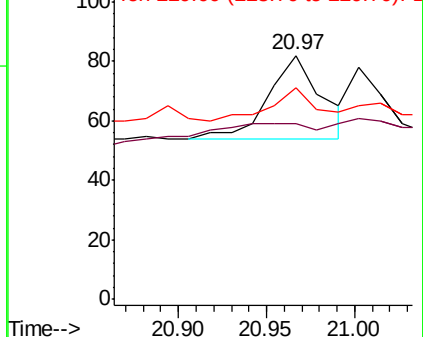
229 86.6 16.0 24.0#

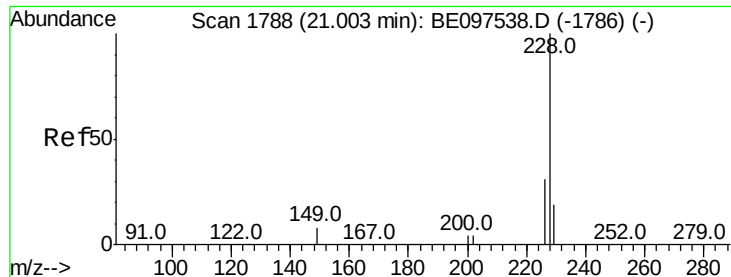


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.002 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.04 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

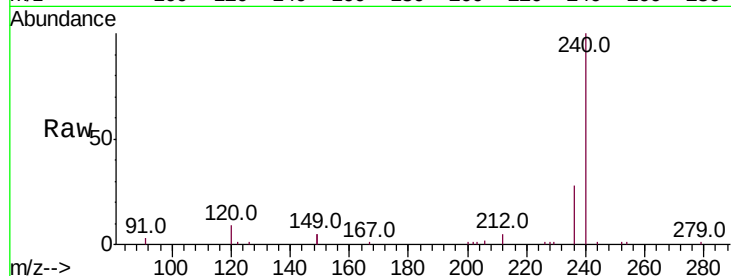
BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

Tot Ion:228 Resp: 49

Ion	Ratio	Lower	Upper
228	100		
226	72.0	24.0	36.0#
229	86.6	16.0	24.0#

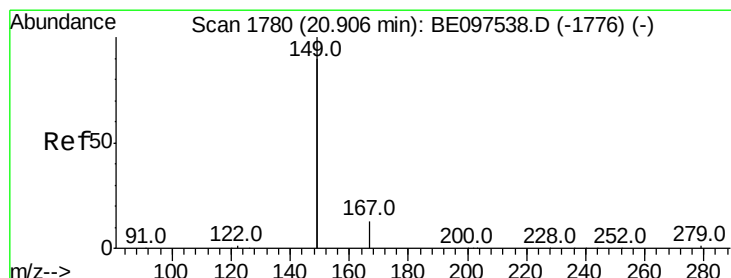
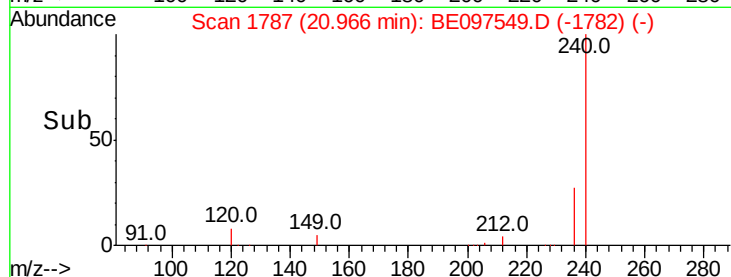
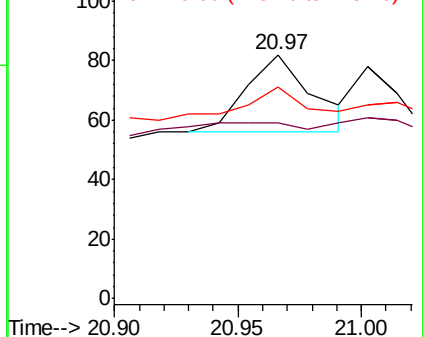


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.047 ng

RT: 20.91 min Scan# 1782

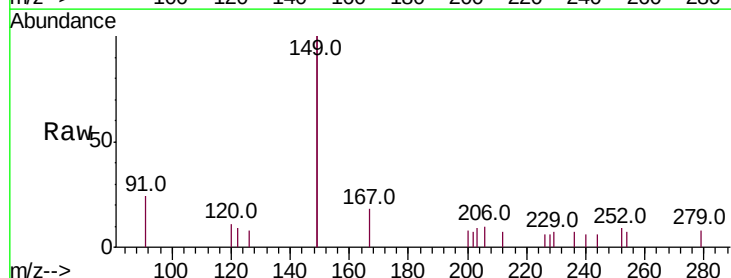
Delta R.T. -0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Tgt Ion:149 Resp: 1568

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.3	0.7	1.1#

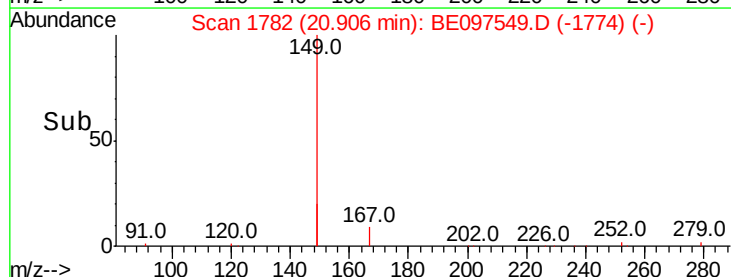
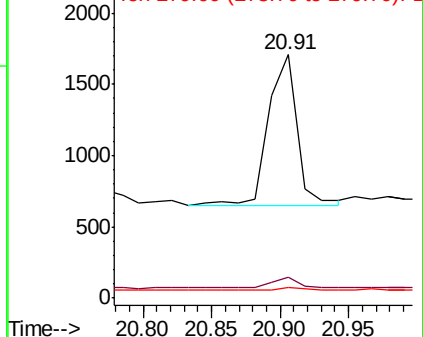


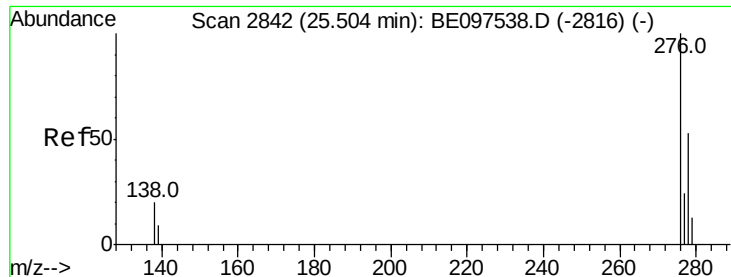
Abundance

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

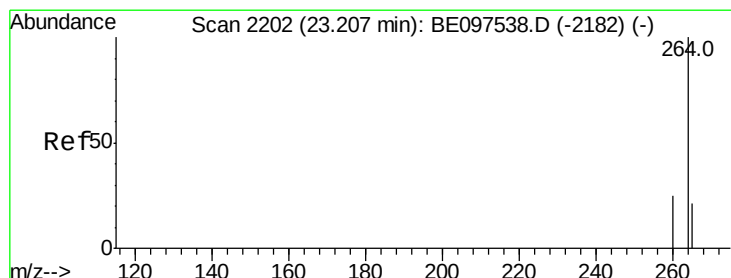
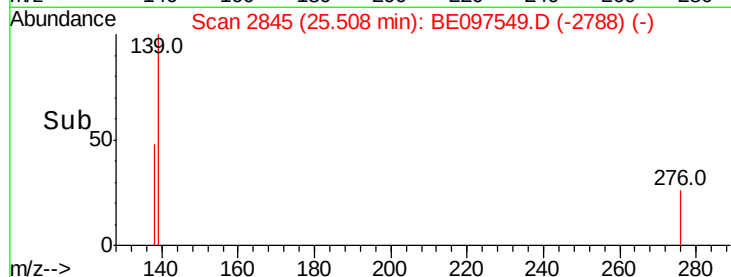
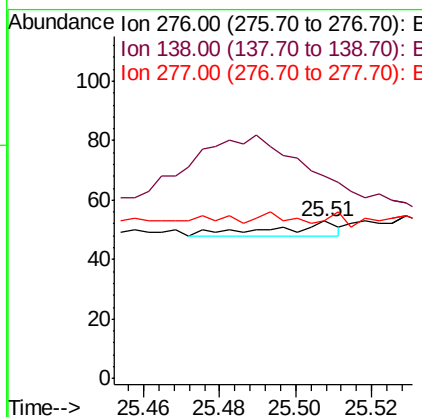
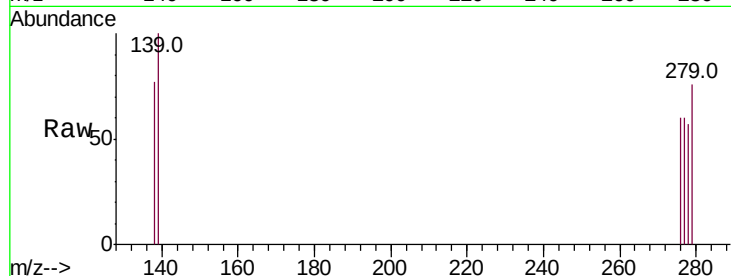
Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

Tot Ion:	276	Resp:	5
Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	20.0	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

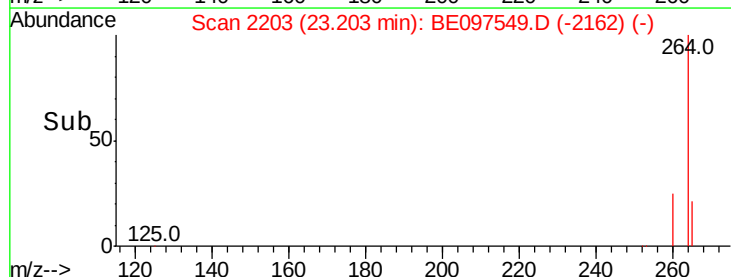
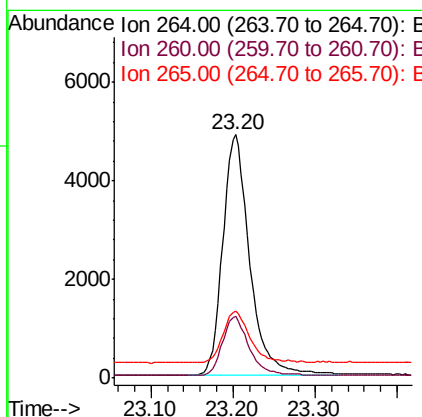
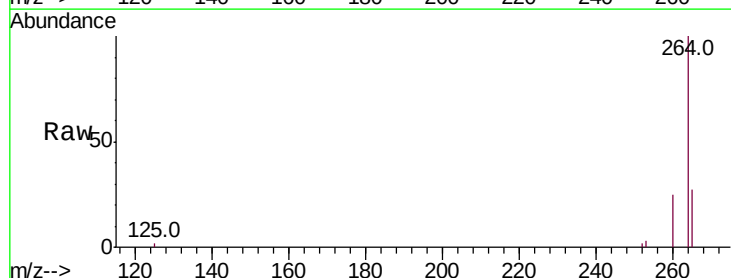
RT: 23.20 min Scan# 2203

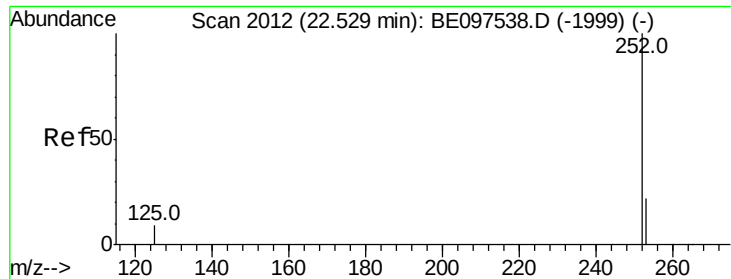
Delta R.T. -0.00 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Tgt Ion:	264	Resp:	11175
Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.2	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.000 ng

RT: 22.50 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

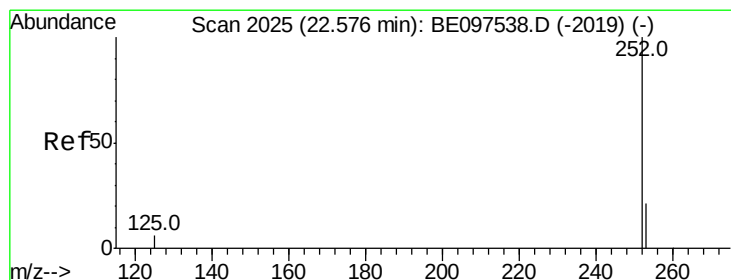
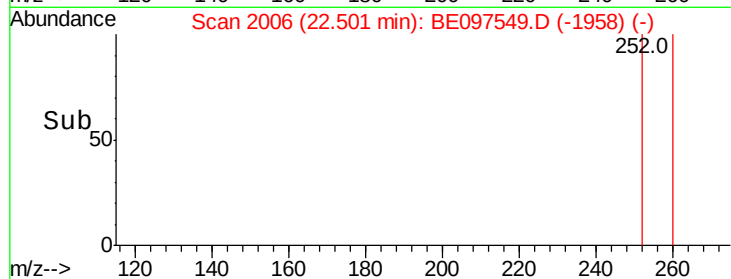
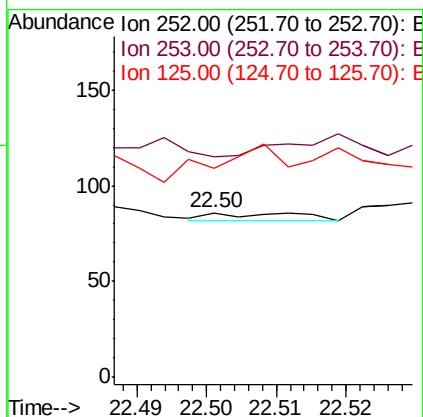
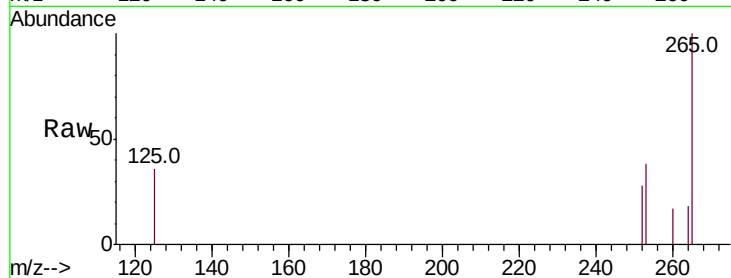
BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

Tot Ion:252 Resp: 3

Ion	Ratio	Lower	Upper
252	100		
253	133.7	20.0	30.0#
125	126.7	16.0	24.0#



#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 22.56 min Scan# 2023

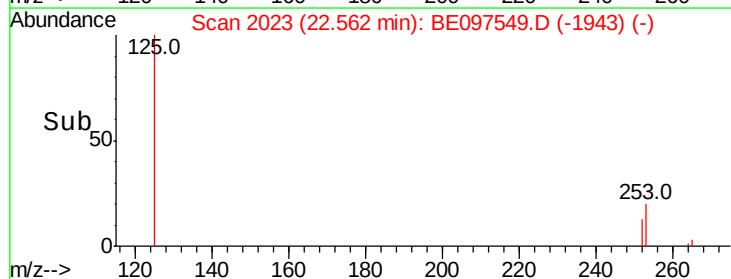
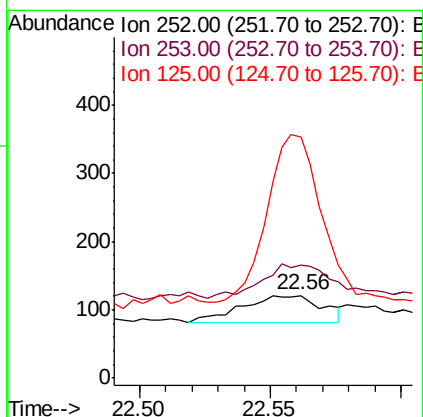
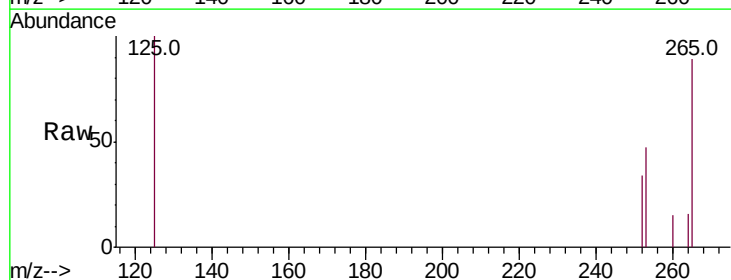
Delta R.T. -0.01 min

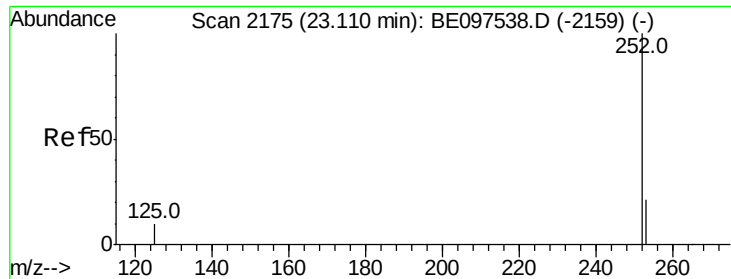
Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Tgt Ion:252 Resp: 82

Ion	Ratio	Lower	Upper
252	100		
253	136.4	16.0	24.0#
125	291.7	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.13 min Scan# 2183

Delta R.T. 0.02 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914

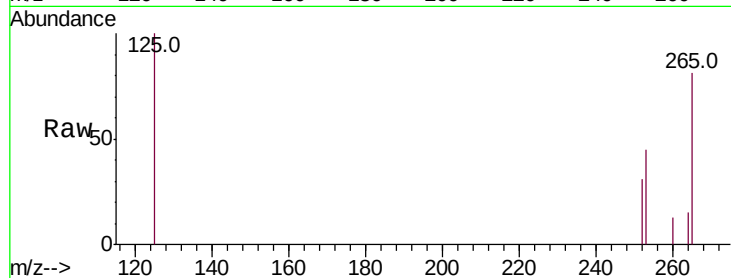
Tot Ion:252 Resp: 61

Ion Ratio Lower Upper

252 100

253 143.2 16.0 24.0#

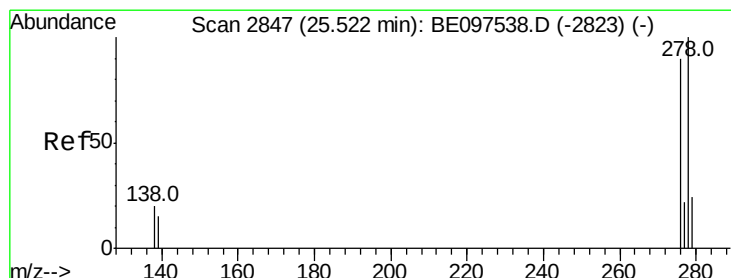
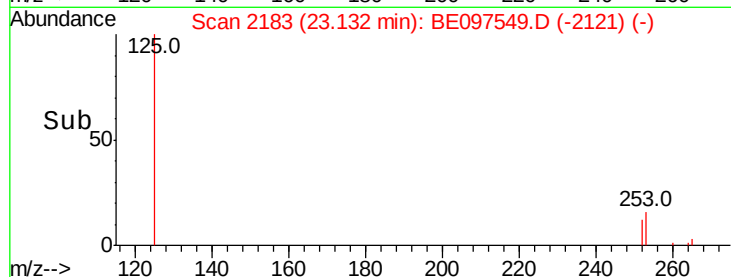
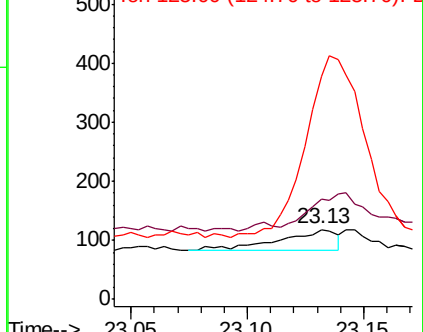
125 320.3 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BE097549.D

Acq: 19 Sep 2018 20:38

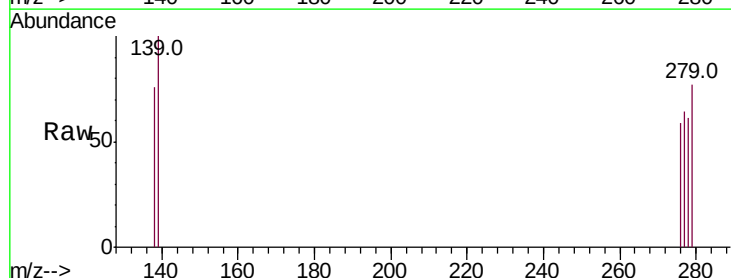
Tgt Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 164.2 16.0 24.0#

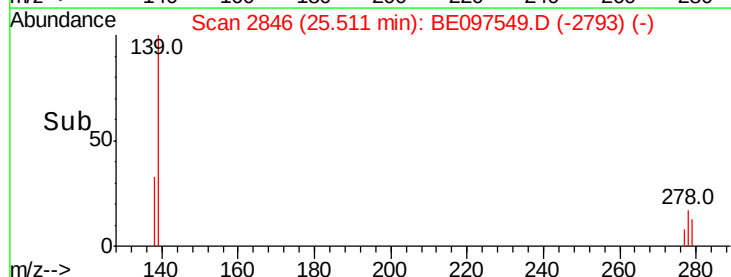
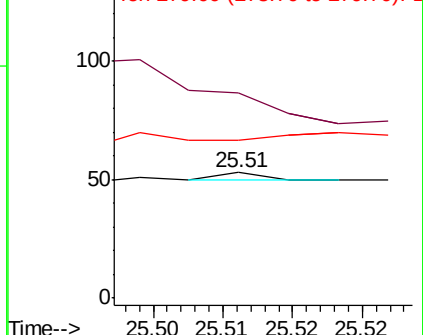
279 126.4 20.0 30.0#

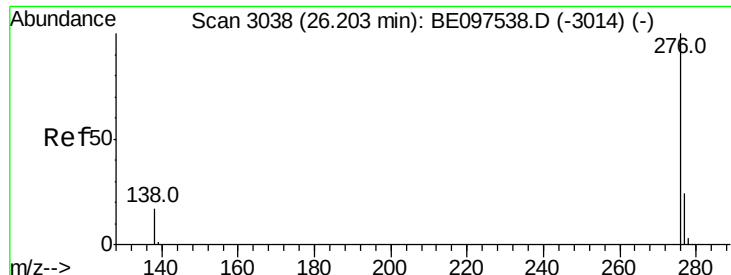


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.000 ng

RT: 26.19 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BE097549.D

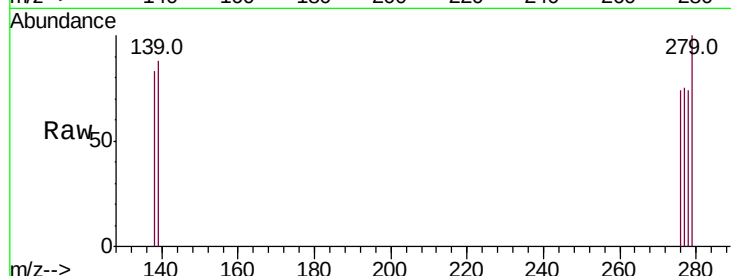
Acq: 19 Sep 2018 20:38

Instrument :

BNA_E

ClientSampleId :

BPSI-HN-MW24IR-20180914



Tot Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

277 102.0 16.0 24.0#

138 111.8 20.0 30.0#

