

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097581.D
 Acq On : 20 Sep 2018 19:39
 Operator : SJ/JU
 Sample : J4913-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20180913

Quant Time: Sep 21 06:00:38 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	634	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	2956	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2036	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6456	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7970	0.40	ng	0.00
34) Perylene-d12	23.21	264	7854	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	331	0.17	ng	0.00
5) Phenol-d6	6.57	99	2	0.00	ng	-0.04
8) Nitrobenzene-d5	8.58	82	738	0.32	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	1841	0.45	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	385	0.48	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4241	0.59	ng	0.01
25) Fluoranthene-d10	18.80	212	34997	0.42	ng	0.00
29) Terphenyl-d14	19.41	244	9608	0.66	ng	0.00

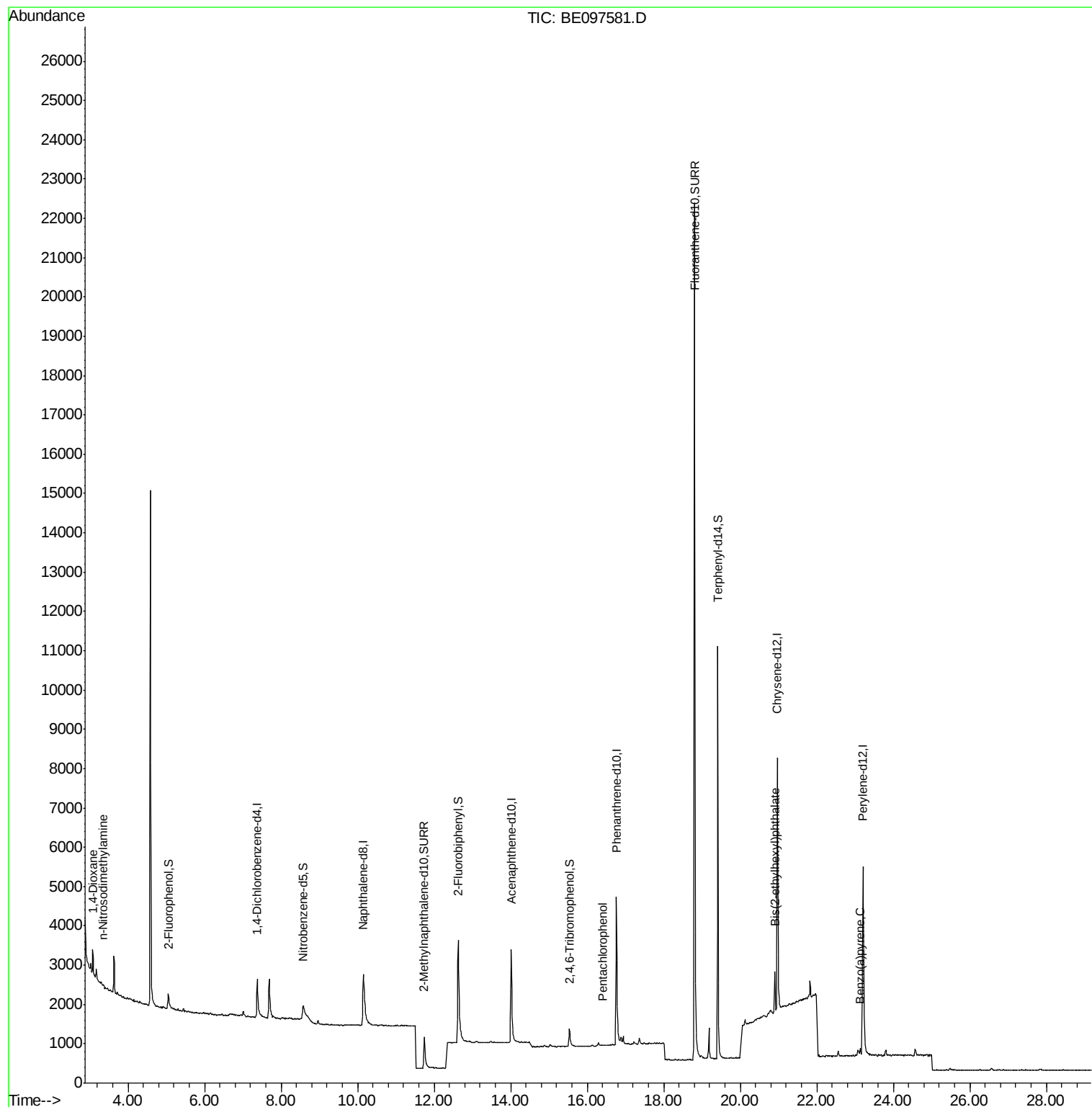
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	372	0.337	ng	# 67
3) n-Nitrosodimethylamine	3.35	42	34	0.052	ng	# 1
22) Pentachlorophenol	16.42	266	2	0.131	ng	93
32) Bis(2-ethylhexyl)phthalate	20.91	149	1677	0.060	ng	# 99
37) Benzo(a)pyrene	23.13	252	47	0.023	ng	# 1

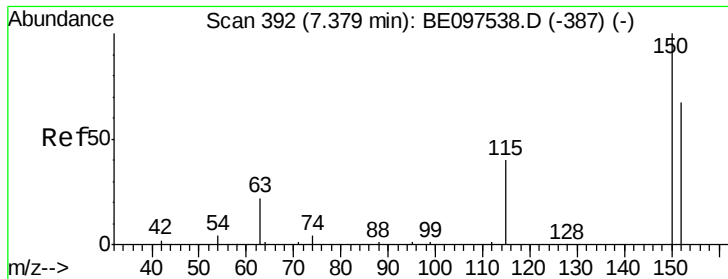
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
Data File : BE097581.D
Acq On : 20 Sep 2018 19:39
Operator : SJ/JU
Sample : J4913-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307I-20180913

Quant Time: Sep 21 06:00:38 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

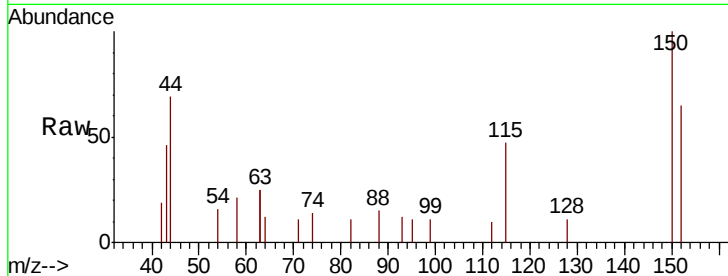




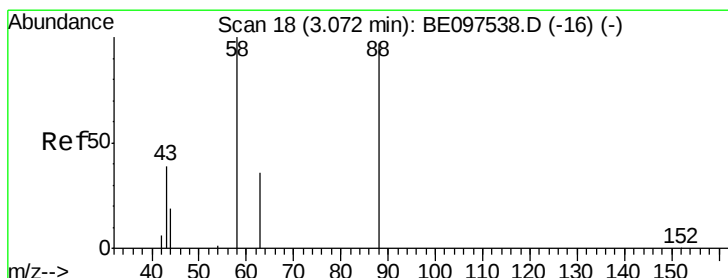
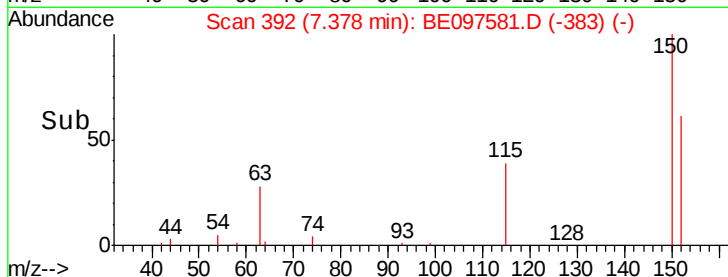
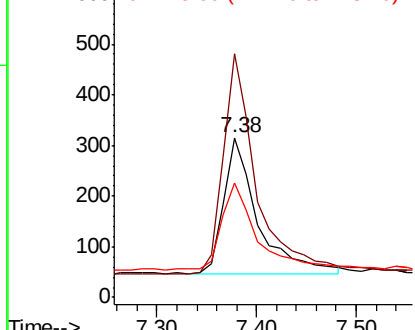
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.38 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BE097581.D
 Acq: 20 Sep 2018 19:39

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20180913

Tgt Ion:152 Resp: 634
 Ion Ratio Lower Upper
 152 100
 150 152.7 117.2 175.8
 115 71.4 57.0 85.6

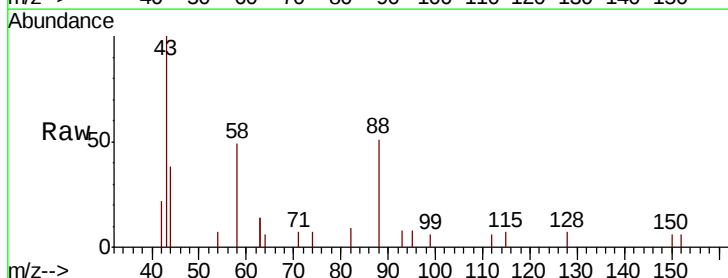


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

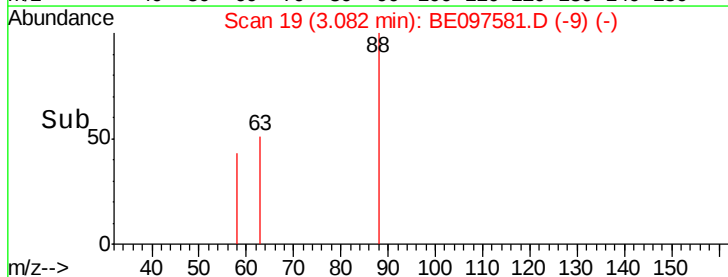
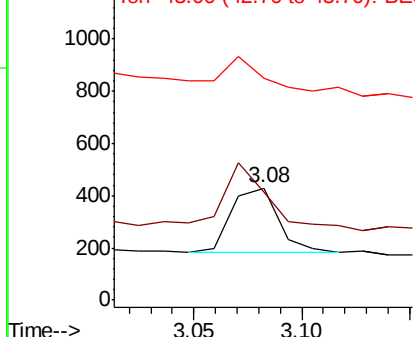


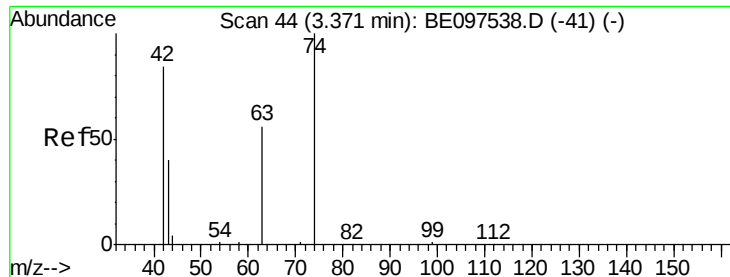
#2
 1,4-Dioxane
 Concen: 0.337 ng
 RT: 3.08 min Scan# 19
 Delta R.T. 0.01 min
 Lab File: BE097581.D
 Acq: 20 Sep 2018 19:39

Tgt Ion: 88 Resp: 372
 Ion Ratio Lower Upper
 88 100
 58 110.8 63.2 94.8#
 43 70.7 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: 0.052 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.02 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

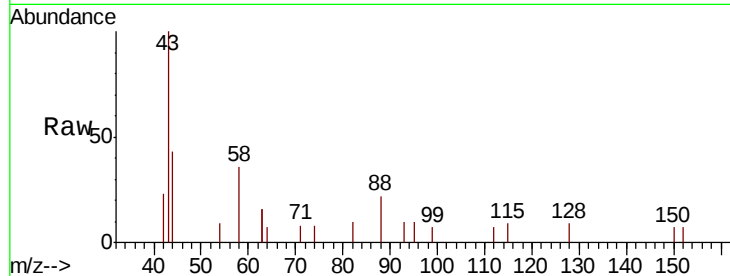
Instrument :

BNA_E

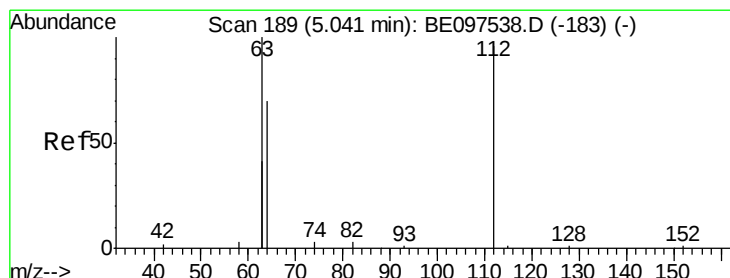
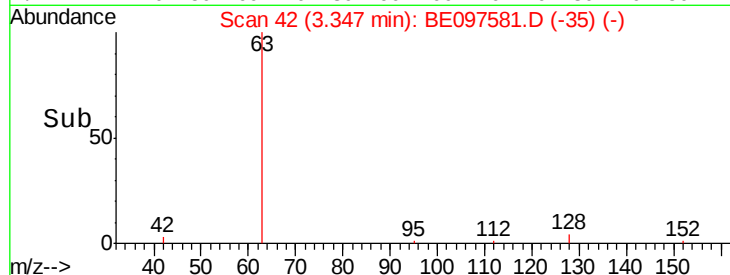
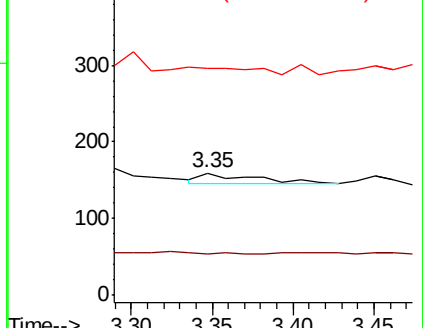
ClientSampleId :

BPS1-TT-MW307I-20180913

Tgt Ion:	42	Resp:	34
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	88.2	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: 0.174 ng

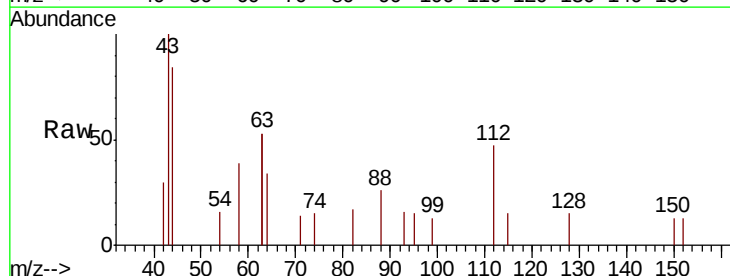
RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

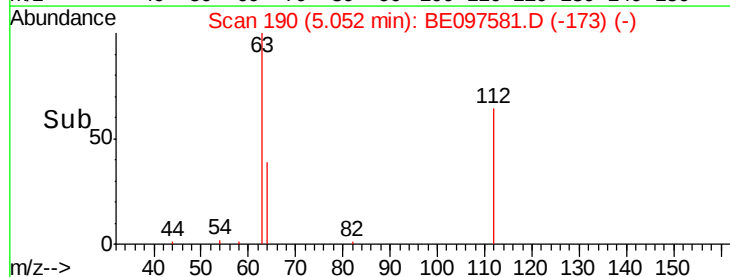
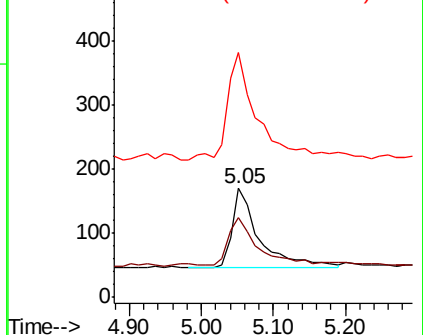
Lab File: BE097581.D

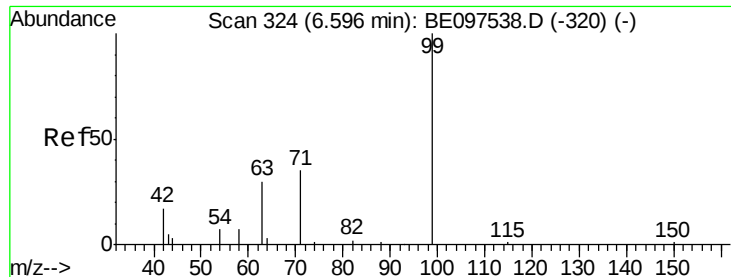
Acq: 20 Sep 2018 19:39

Tgt Ion:	112	Resp:	331
Ion	Ratio	Lower	Upper
112	100		
64	63.1	60.1	90.1
63	152.0	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: 0.001 ng

RT: 6.57 min Scan# 322

Delta R.T. -0.04 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

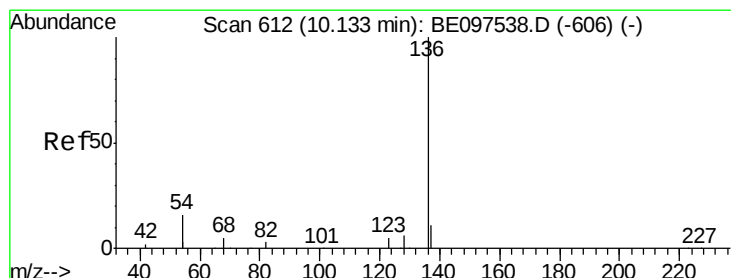
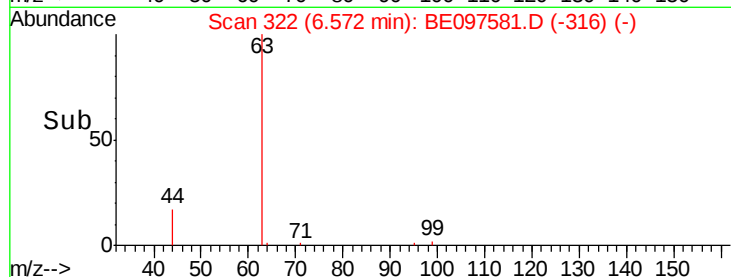
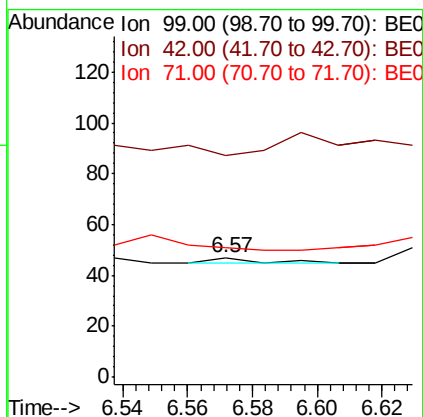
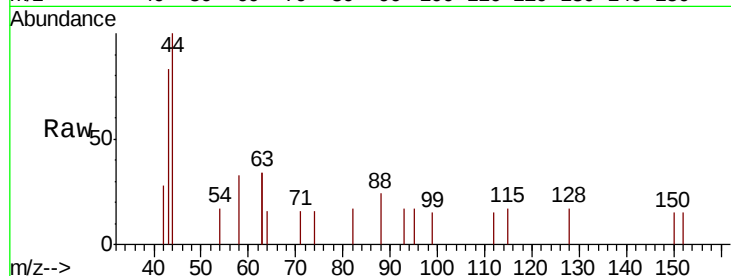
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW3071-20180913

Tgt Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

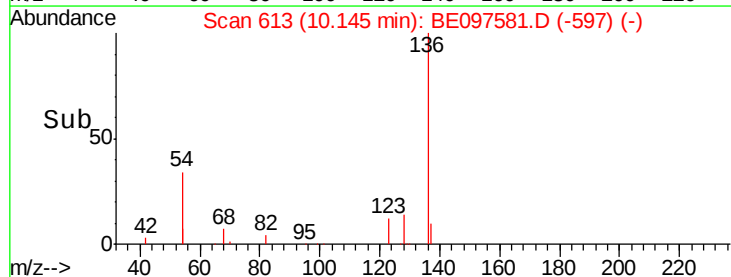
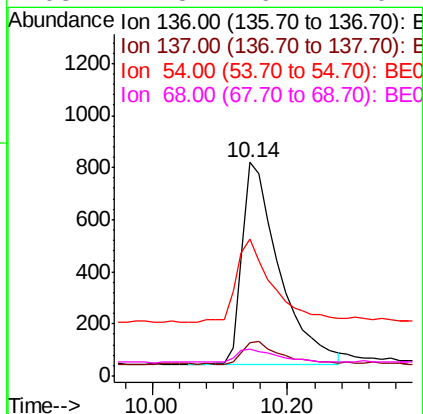
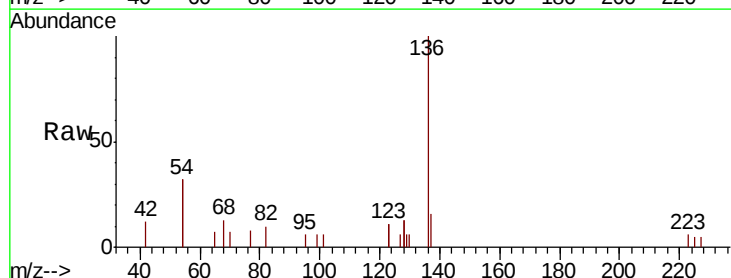
RT: 10.14 min Scan# 613

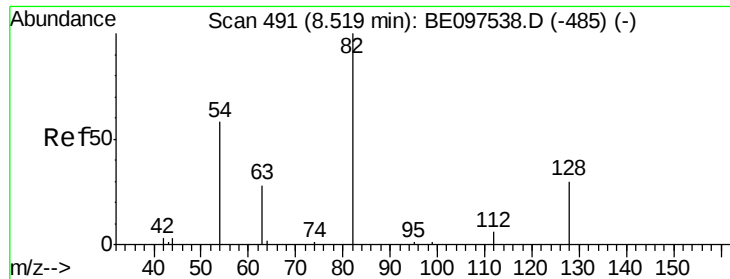
Delta R.T. 0.01 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

Tgt Ion:	136	Resp:	2956
Ion	Ratio	Lower	Upper
136	100		
137	15.6	9.5	14.3#
54	64.4	29.1	43.7#
68	12.8	6.2	9.2#

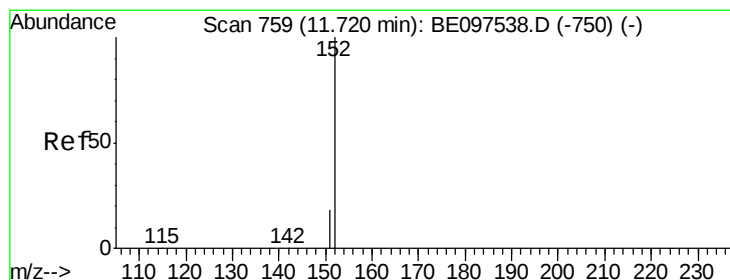
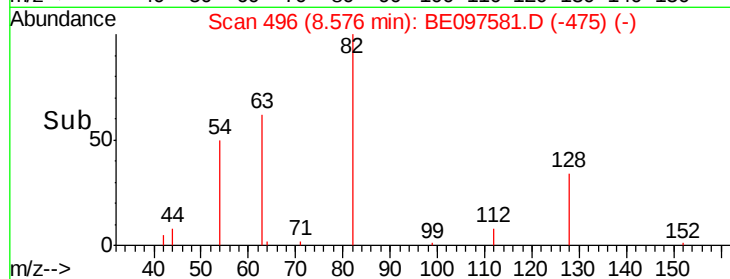
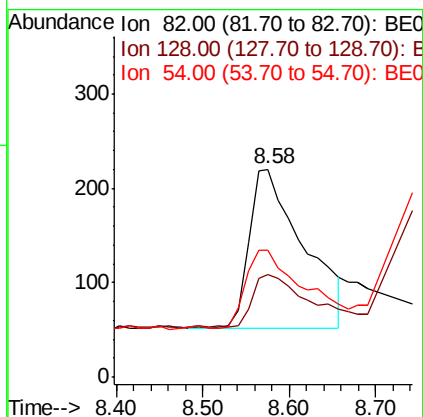
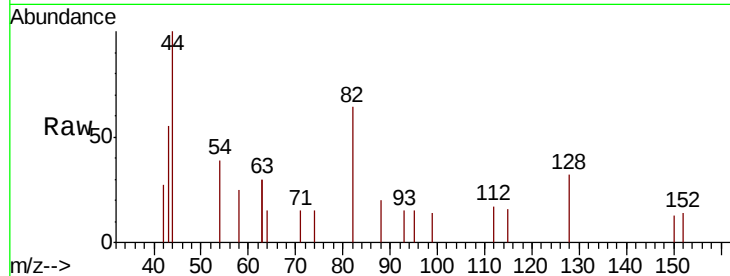




#8
 Nitrobenzene-d5
 Concen: 0.323 ng
 RT: 8.58 min Scan# 496
 Delta R.T. 0.05 min
 Lab File: BE097581.D
 Acq: 20 Sep 2018 19:39

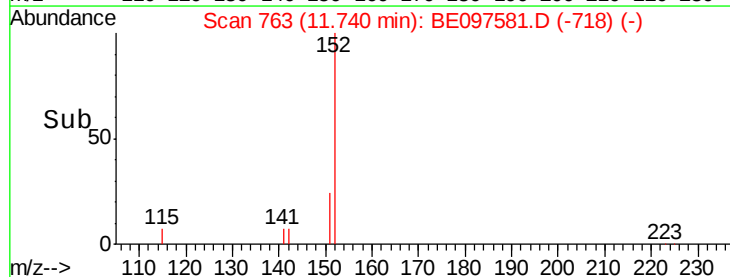
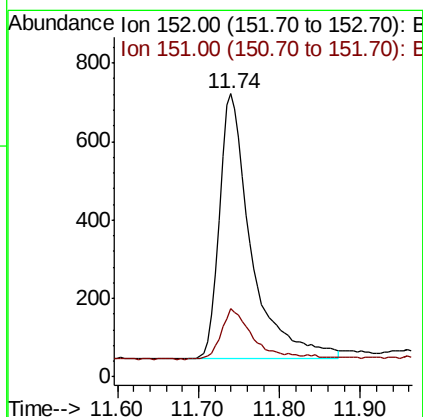
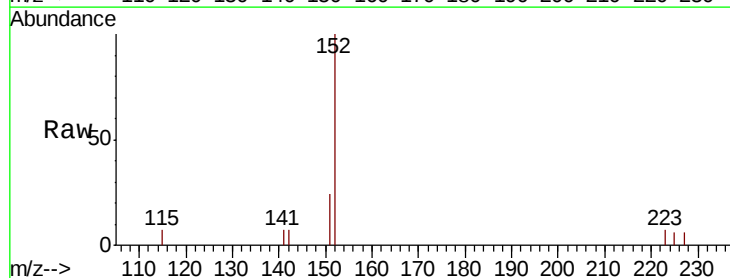
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20180913

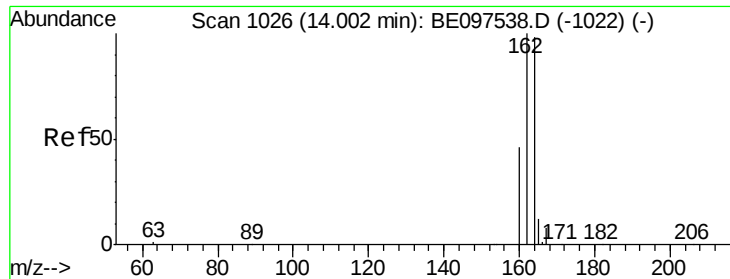
Tgt Ion: 82 Resp: 738
 Ion Ratio Lower Upper
 82 100
 128 49.5 24.0 36.0#
 54 61.4 40.0 60.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.452 ng
 RT: 11.74 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE097581.D
 Acq: 20 Sep 2018 19:39

Tgt Ion: 152 Resp: 1841
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20180913

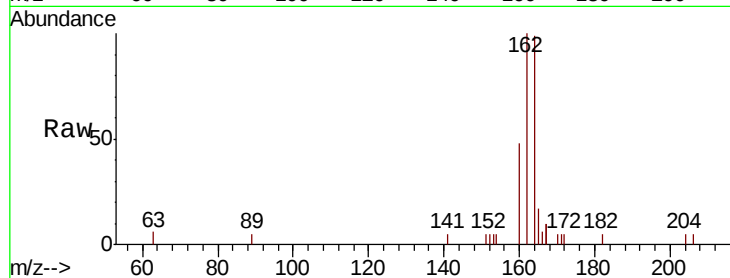
Tgt Ion:164 Resp: 2036

Ion Ratio Lower Upper

164 100

162 101.2 83.1 124.7

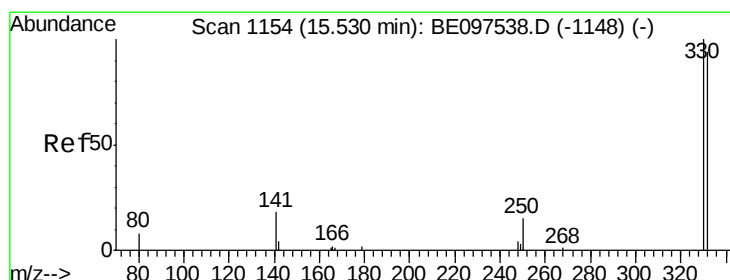
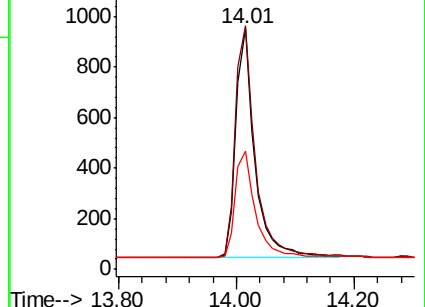
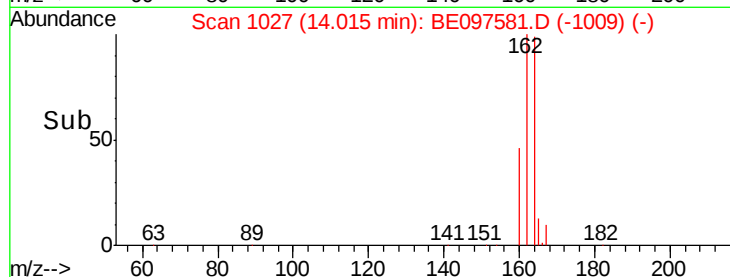
160 48.8 37.1 55.7



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: 0.479 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

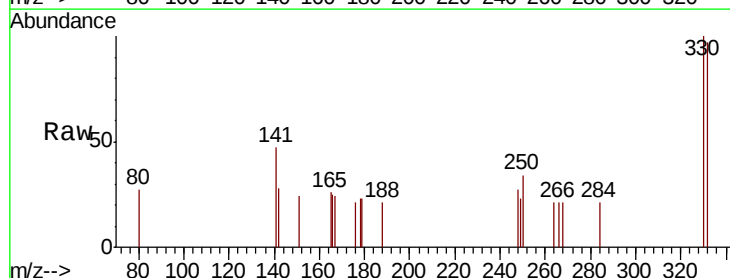
Tgt Ion:330 Resp: 385

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

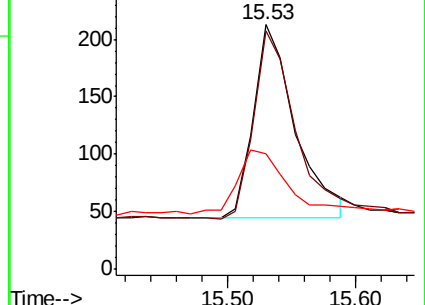
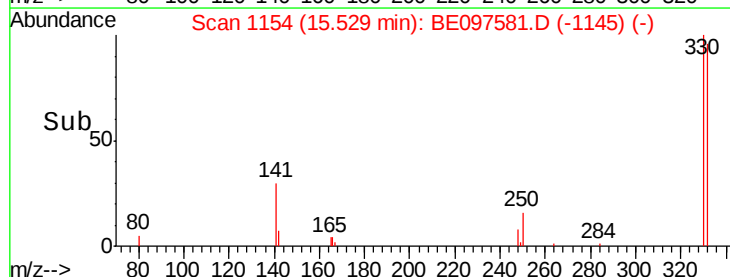
141 37.9 33.7 50.5

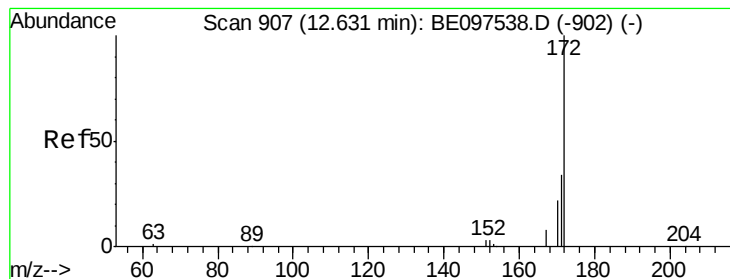


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.589 ng

RT: 12.63 min Scan# 907

Delta R.T. 0.01 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20180913

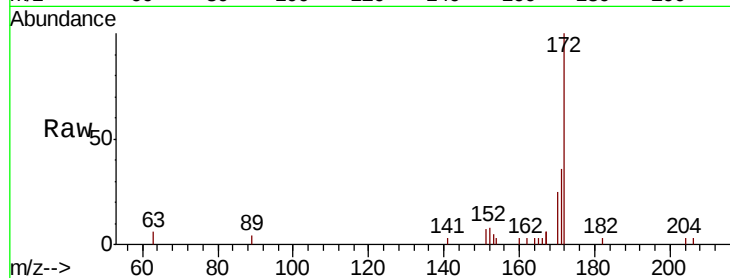
Tgt Ion:172 Resp: 4241

Ion Ratio Lower Upper

172 100

171 35.5 29.9 44.9

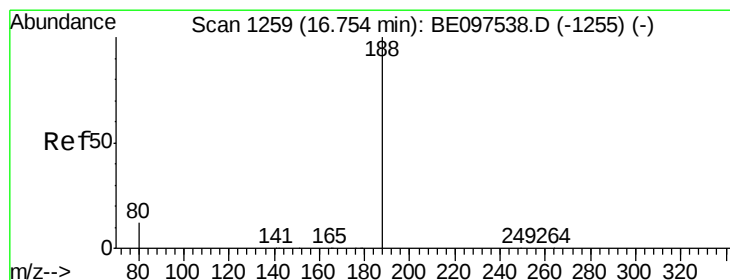
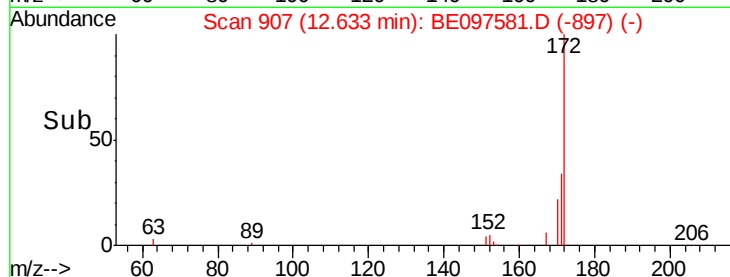
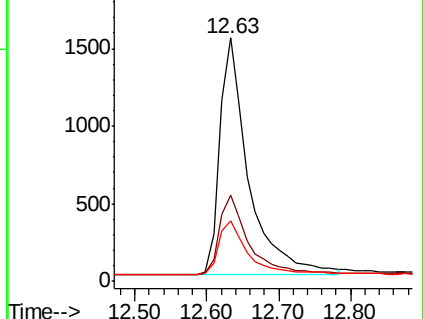
170 24.7 21.8 32.8



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: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

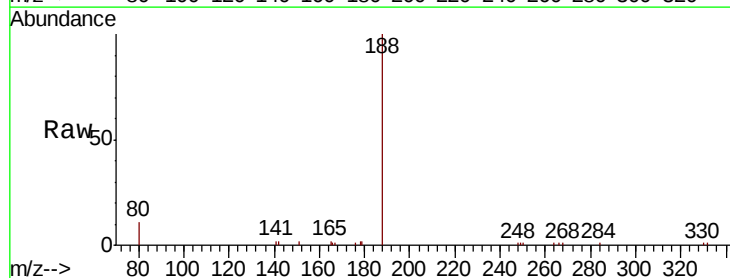
Tgt Ion:188 Resp: 6456

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

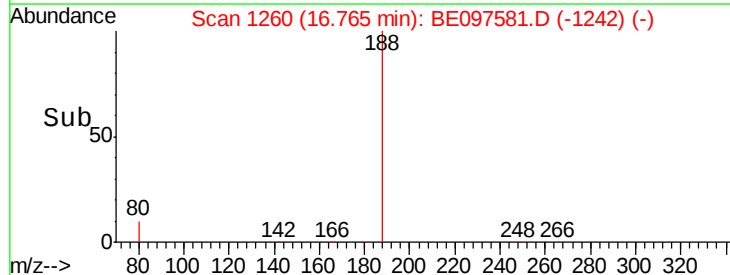
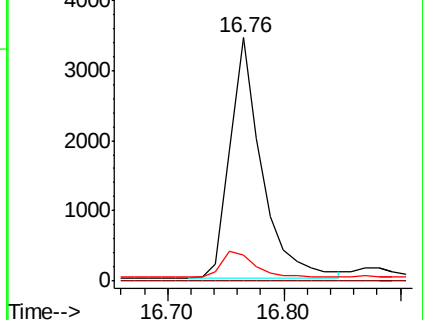
80 10.9 3.6 5.4#

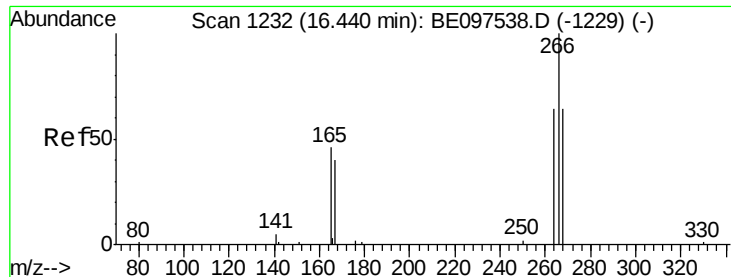


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.131 ng

RT: 16.42 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20180913

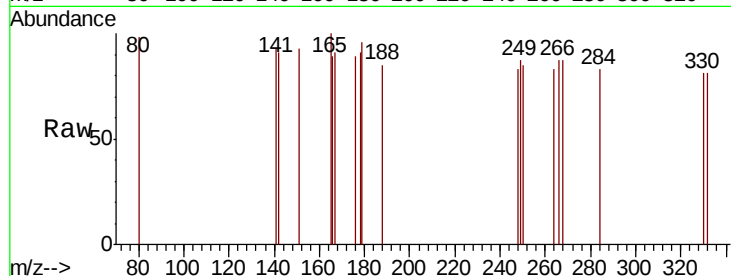
Tgt Ion: 266 Resp: 2

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

268 100.0 73.8 110.6

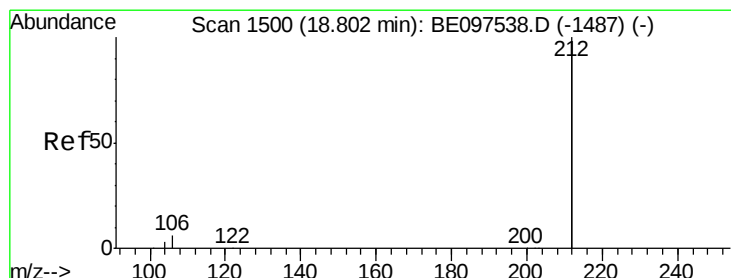
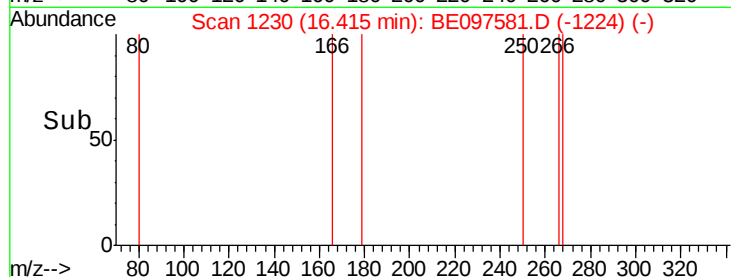
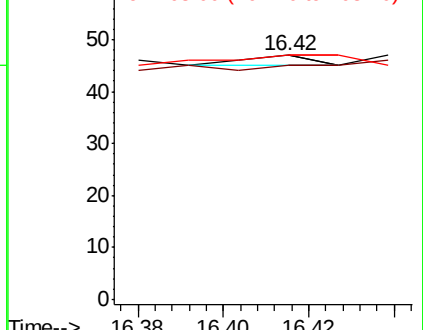


Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

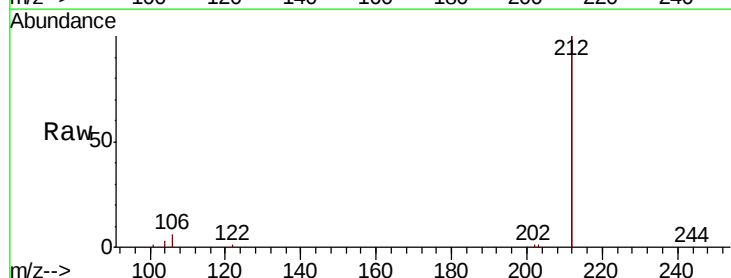
Tgt Ion: 212 Resp: 34997

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.7 1.6 2.4

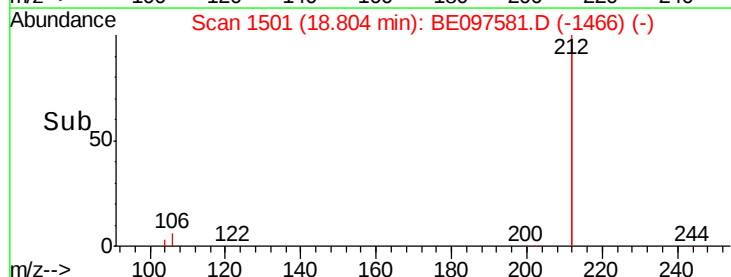
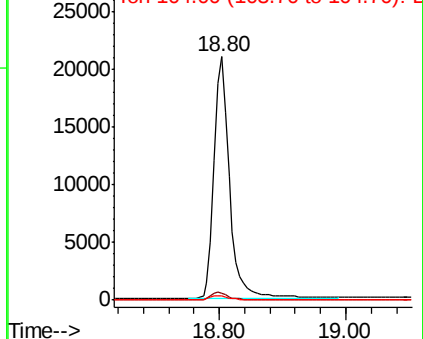


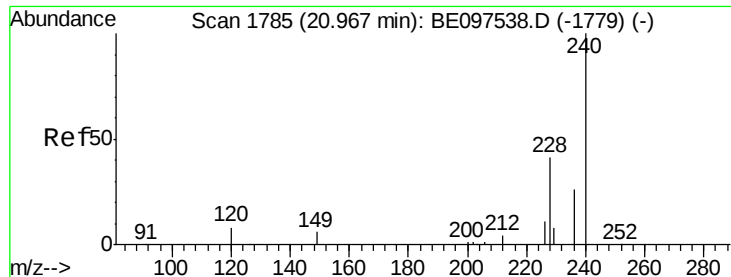
Abundance

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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20180913

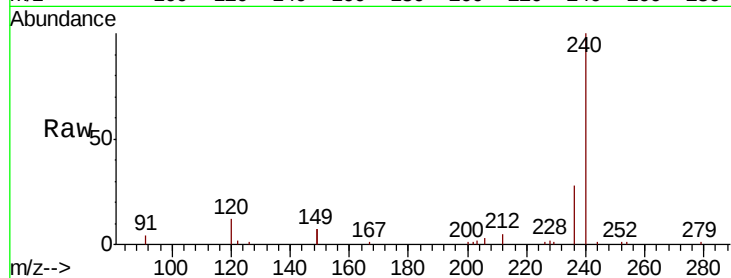
Tgt Ion:240 Resp: 7970

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

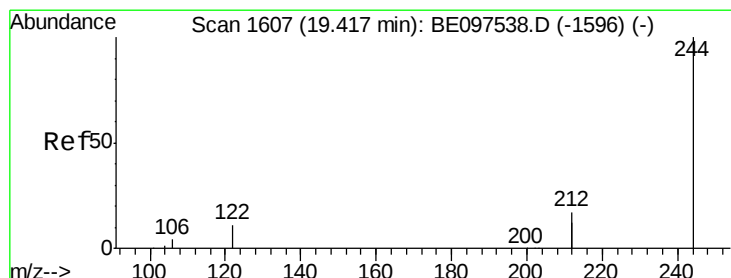
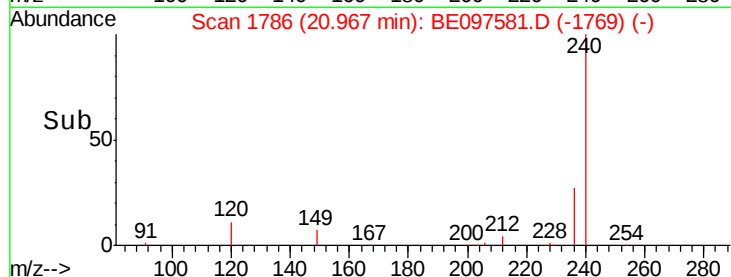
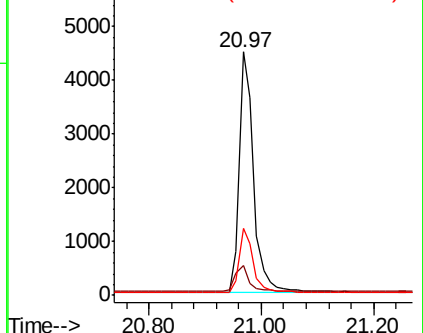
236 27.5 20.7 31.1



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: 0.659 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

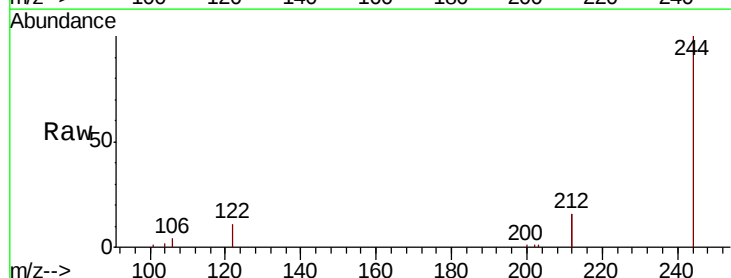
Tgt Ion:244 Resp: 9608

Ion Ratio Lower Upper

244 100

212 31.7 25.4 38.0

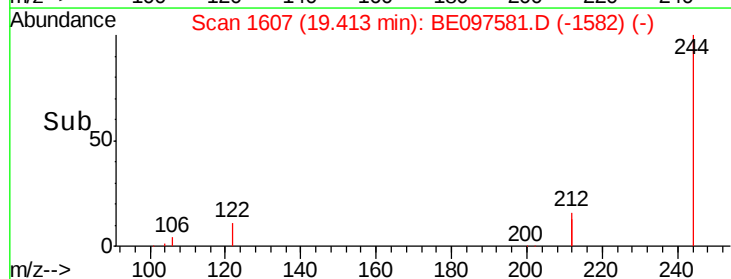
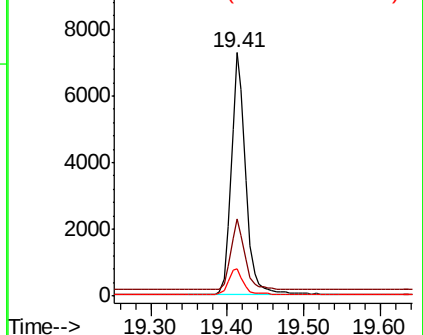
122 11.2 8.1 12.1

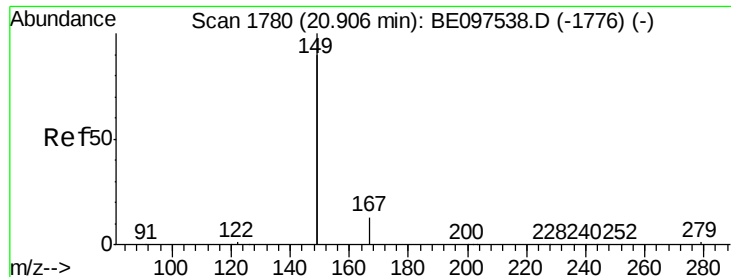


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.060 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20180913

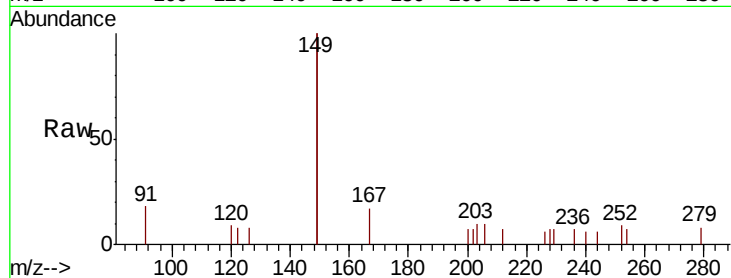
Tgt Ion:149 Resp: 1677

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

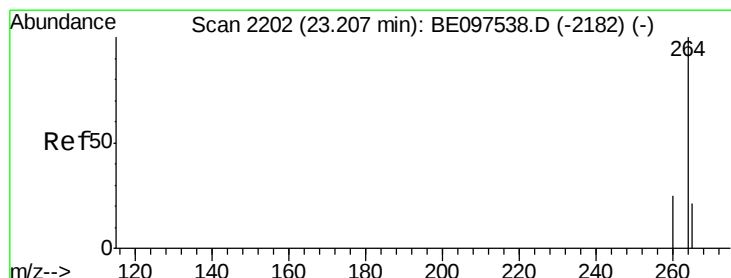
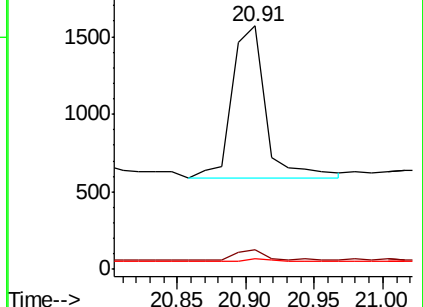
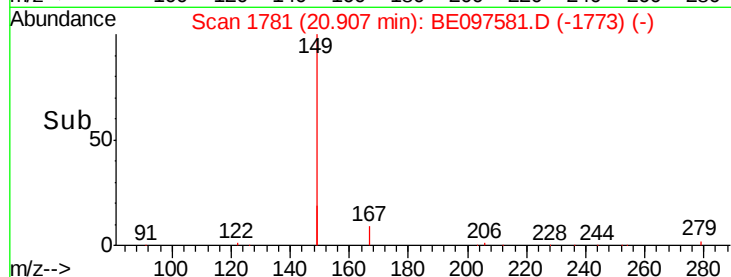
279 1.4 0.7 1.1#



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# 2203

Delta R.T. 0.00 min

Lab File: BE097581.D

Acq: 20 Sep 2018 19:39

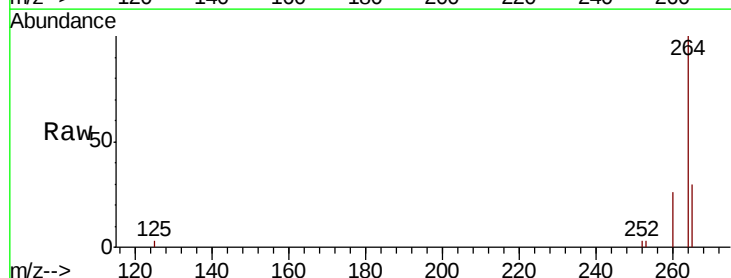
Tgt Ion:264 Resp: 7854

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

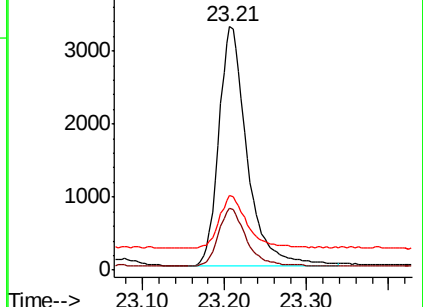
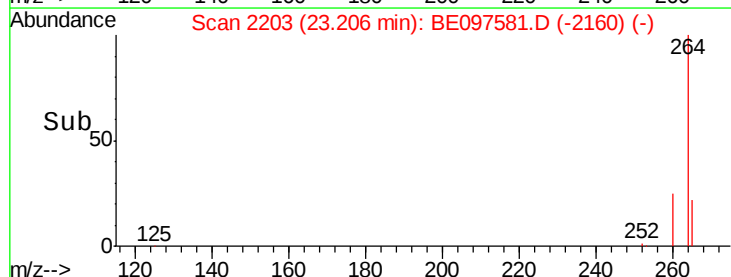
265 30.5 22.8 34.2

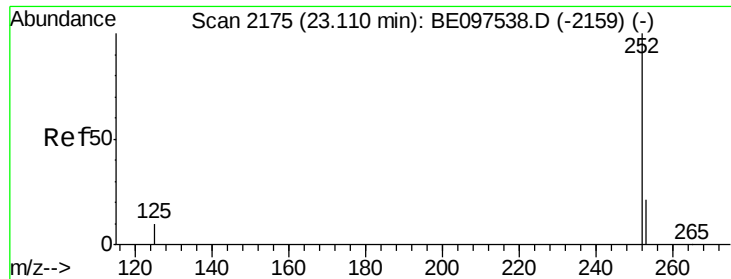


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.13 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE097581.D

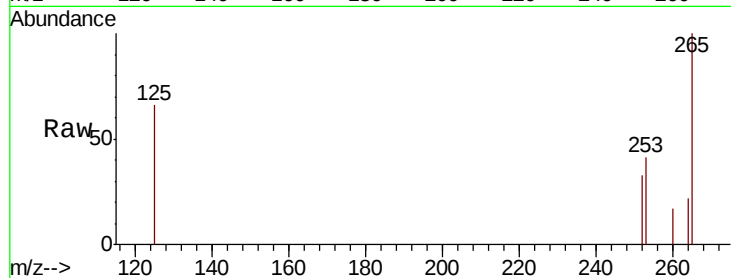
Acq: 20 Sep 2018 19:39

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20180913



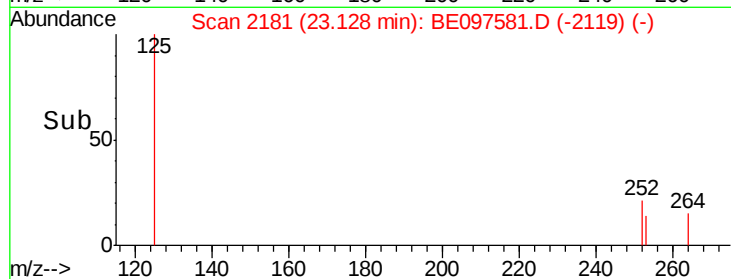
Tgt Ion: 252 Resp: 47

Ion Ratio Lower Upper

252 100

253 124.0 16.0 24.0#

125 202.0 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

23.13

Time--> 23.05 23.10 23.15