

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098953.D
 Acq On : 14 Mar 2019 21:06
 Operator : JU/SJ
 Sample : K1882-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312

Quant Time: Mar 15 05:32:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

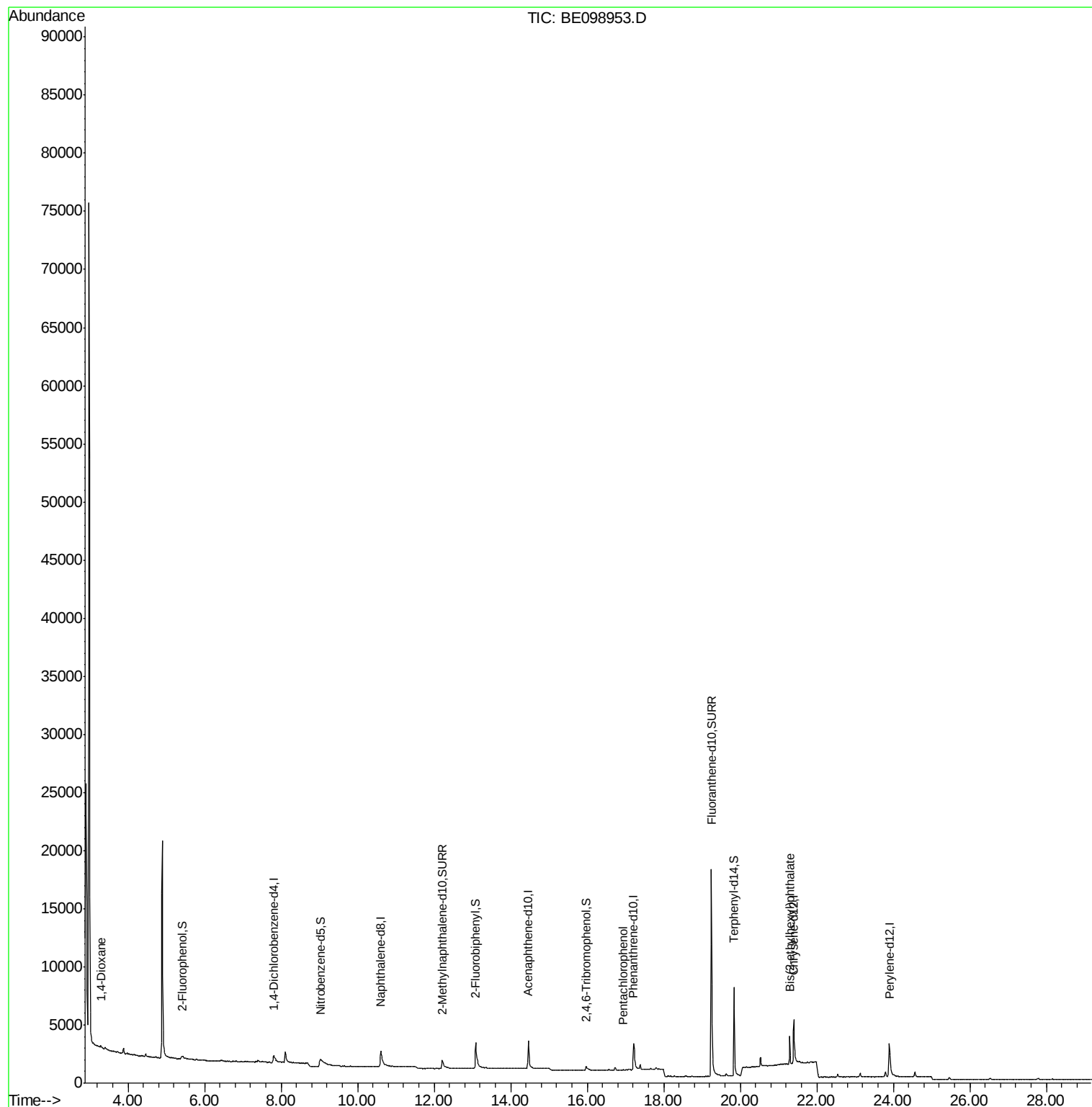
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	668	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3091	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2158	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5182	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5852	0.40	ng	0.00
34) Perylene-d12	23.90	264	5813	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	316	0.16	ng	0.03
5) Phenol-d6	6.97	99	11	0.00	ng	-0.02
8) Nitrobenzene-d5	9.03	82	997	0.31	ng	0.06
11) 2-Methylnaphthalene-d10	12.21	152	2277	0.40	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	404	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4549	0.51	ng	0.00
25) Fluoranthene-d10	19.25	212	31243	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	7982	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	185	0.076	ng	Qvalue # 17
22) Pentachlorophenol	16.95	266	14	0.277	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	2691	0.069	ng	98

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

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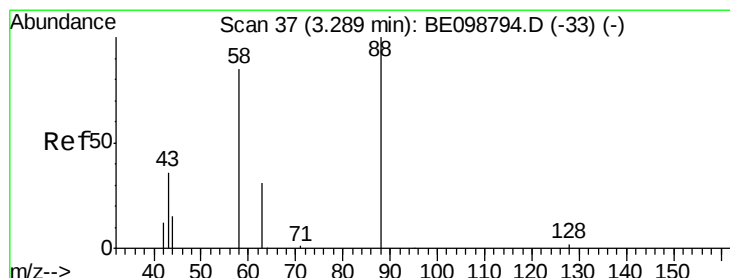
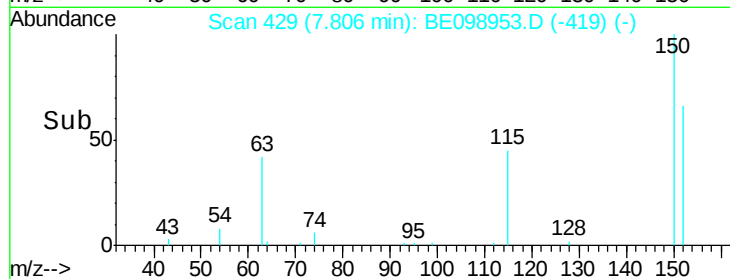
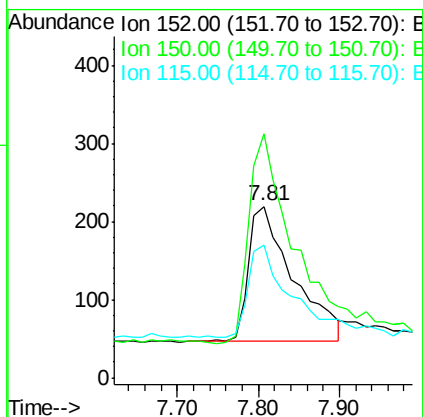
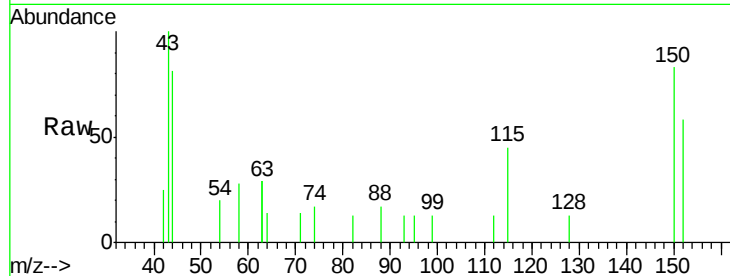




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.81 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE098953.D
 Acq: 14 Mar 2019 21:06

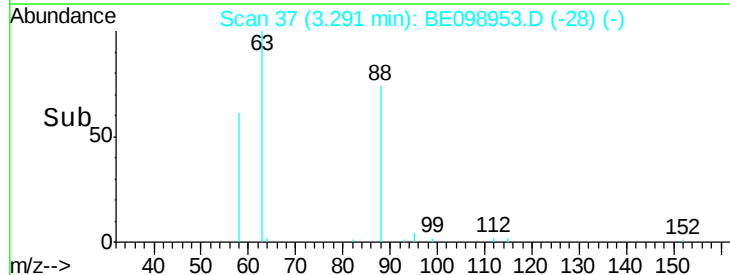
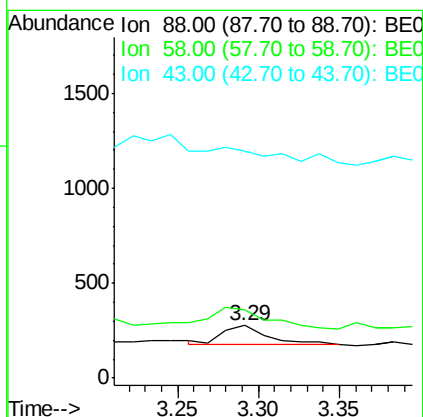
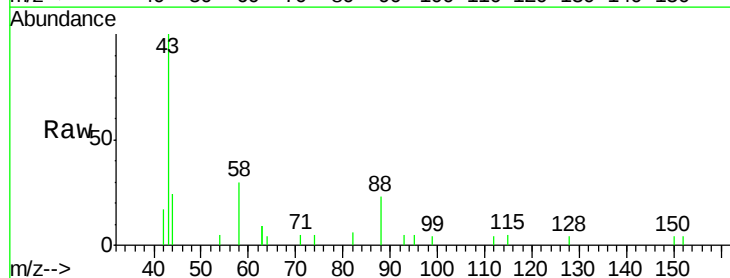
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312

Tgt Ion: 152 Resp: 668
 Ion Ratio Lower Upper
 152 100
 150 142.5 122.5 183.7
 115 77.2 57.4 86.2



#2
 1,4-Dioxane
 Concen: 0.076 ng
 RT: 3.29 min Scan# 37
 Delta R.T. 0.00 min
 Lab File: BE098953.D
 Acq: 14 Mar 2019 21:06

Tgt Ion: 88 Resp: 185
 Ion Ratio Lower Upper
 88 100
 58 179.5 75.8 113.6#
 43 0.0 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312

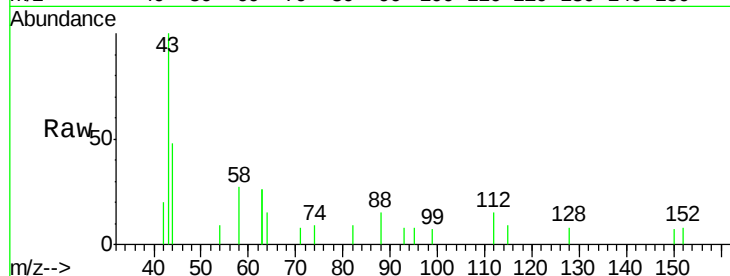
Tgt Ion: 112 Resp: 316

Ion Ratio Lower Upper

112 100

64 89.6 57.9 86.9#

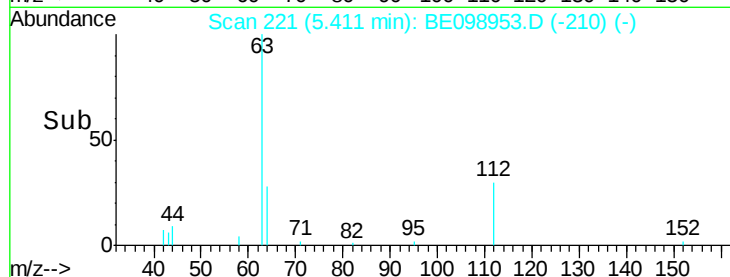
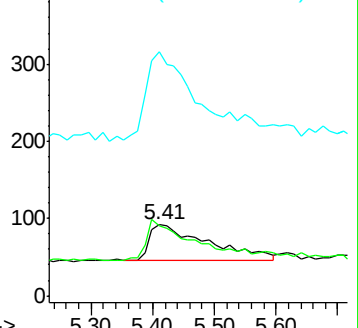
63 217.1 158.3 237.5



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: 0.004 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

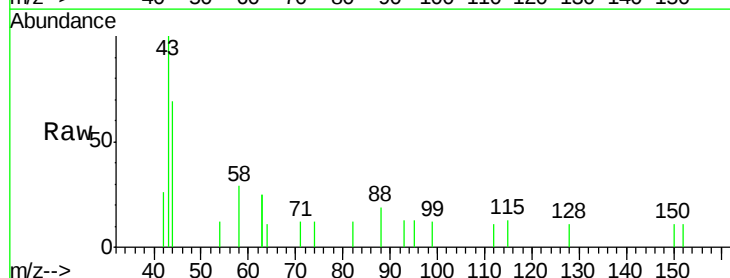
Tgt Ion: 99 Resp: 11

Ion Ratio Lower Upper

99 100

42 200.0 24.2 36.2#

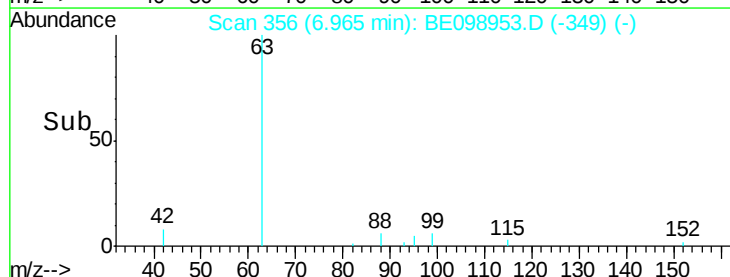
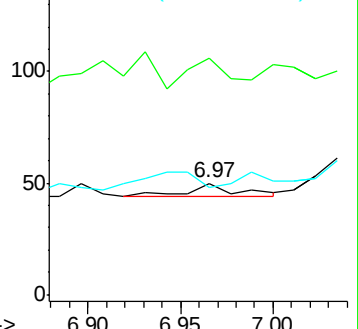
71 0.0 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

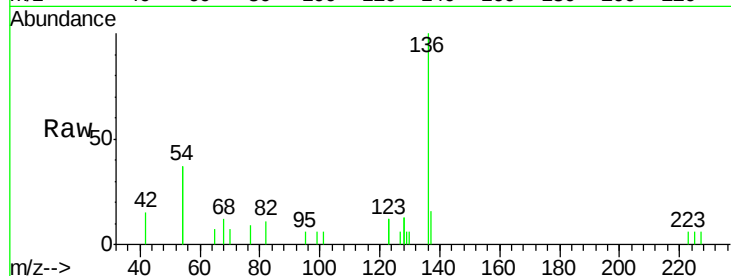
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312

Tgt Ion:	136	Resp:	3091
Ion	Ratio	Lower	Upper
136	100		
137	16.0	11.4	17.0
54	73.1	39.3	58.9#
68	11.9	6.7	10.1#

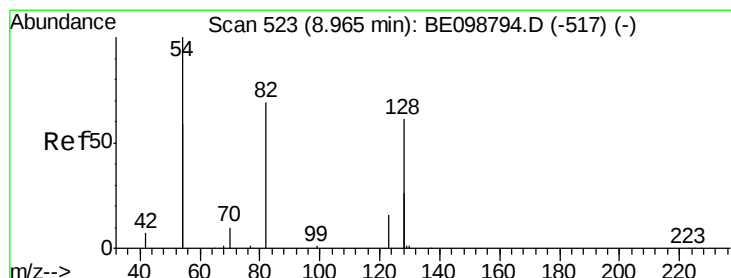
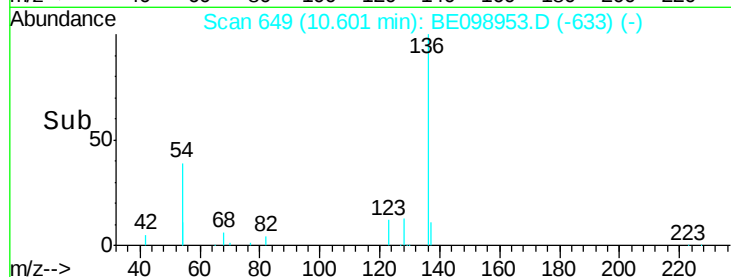
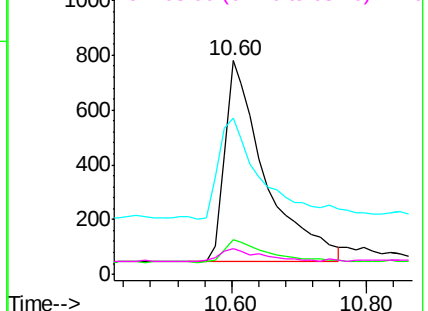


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.308 ng

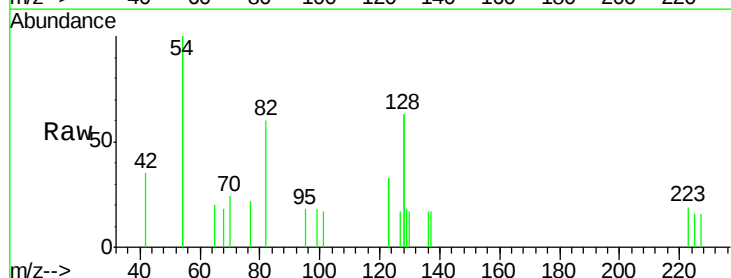
RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

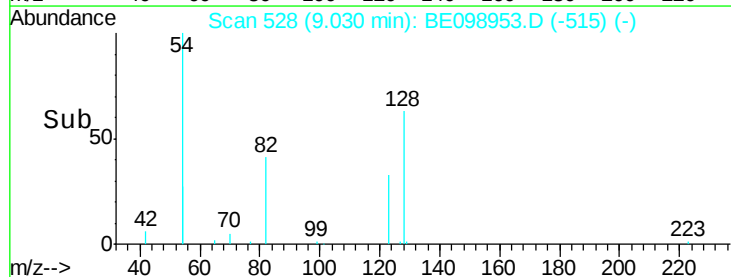
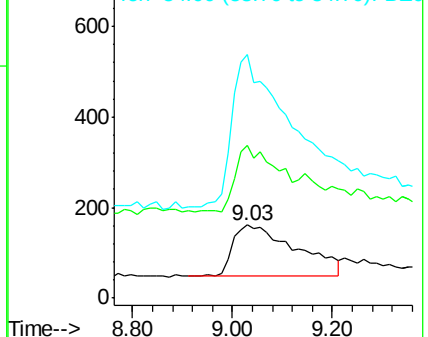
Tgt Ion:	82	Resp:	997
Ion	Ratio	Lower	Upper
82	100		
128	209.9	123.8	185.8#
54	334.2	203.4	305.2#



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





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

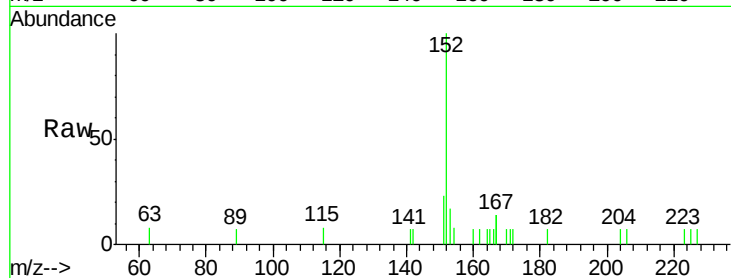
BPS1-TT-MW304D-20190312

Tgt Ion:152 Resp: 2277

Ion Ratio Lower Upper

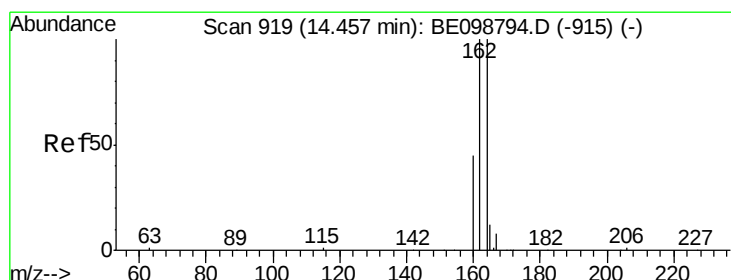
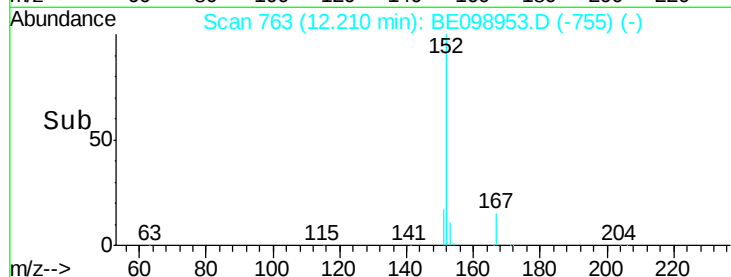
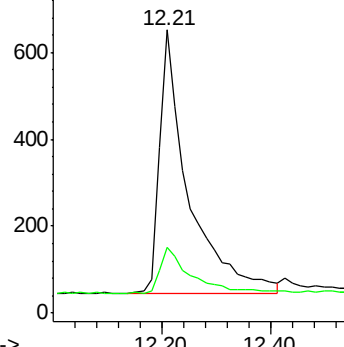
152 100

151 18.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

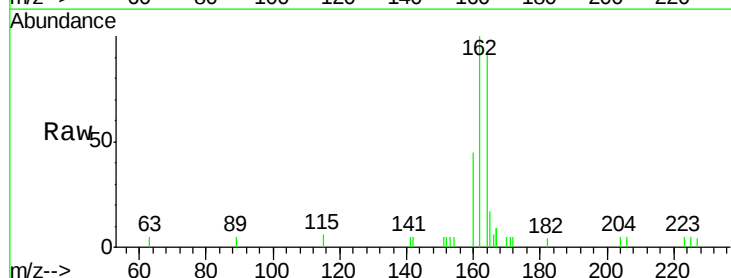
Tgt Ion:164 Resp: 2158

Ion Ratio Lower Upper

164 100

162 110.3 80.2 120.2

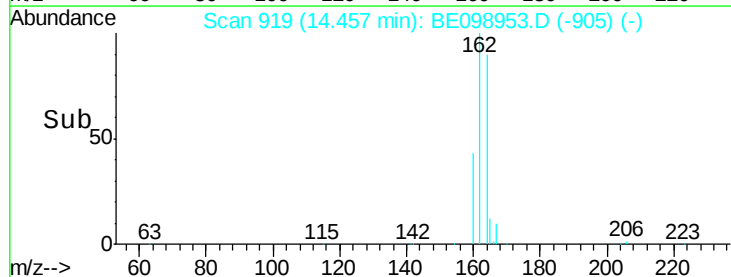
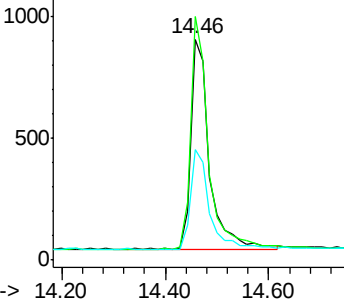
160 49.9 37.8 56.8



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

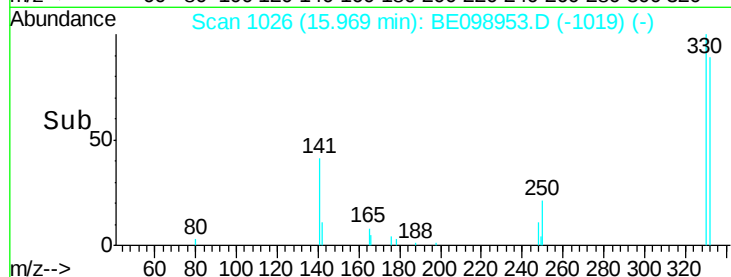
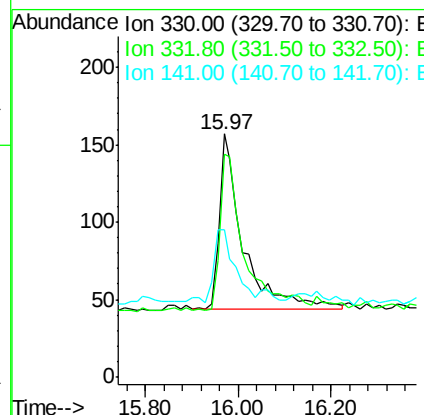
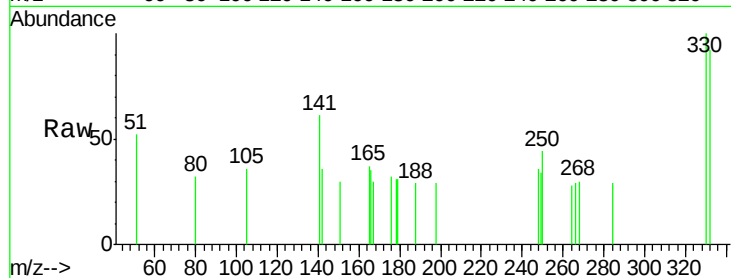




#14
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098953.D
 Acq: 14 Mar 2019 21:06

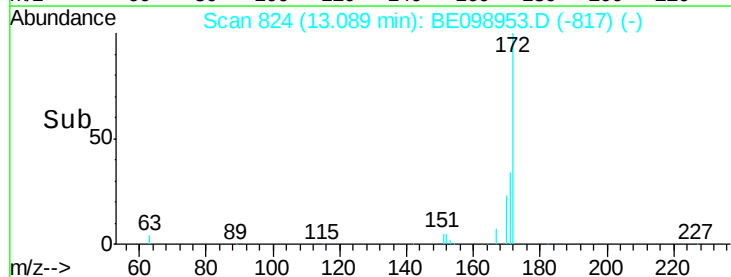
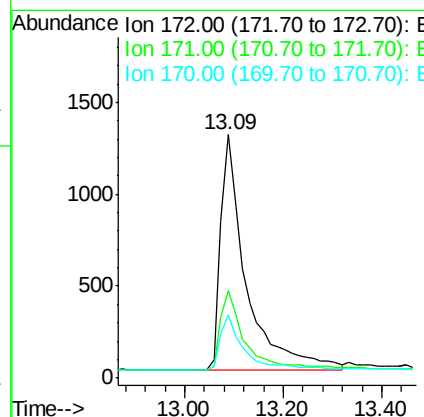
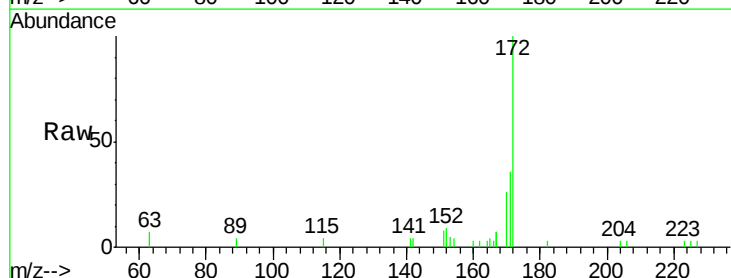
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312

Tgt Ion: 330 Resp: 404
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.6 116.4
 141 30.7 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.509 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098953.D
 Acq: 14 Mar 2019 21:06

Tgt Ion: 172 Resp: 4549
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.0 42.0
 170 25.8 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312

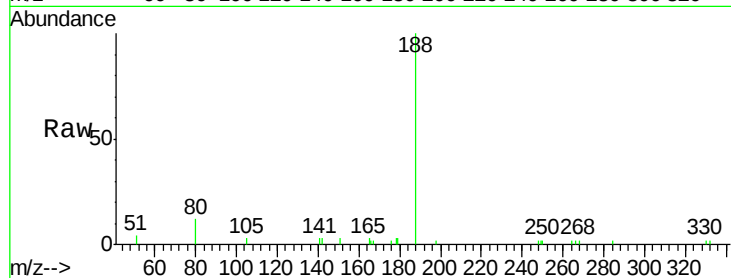
Tgt Ion:188 Resp: 5182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

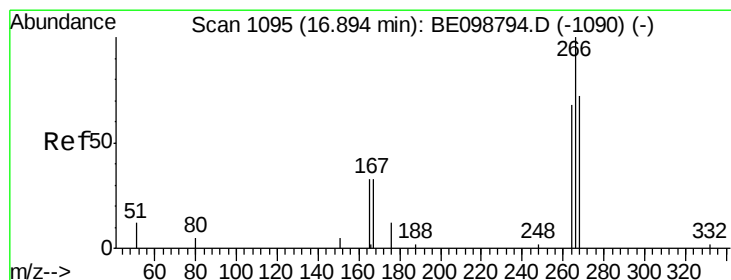
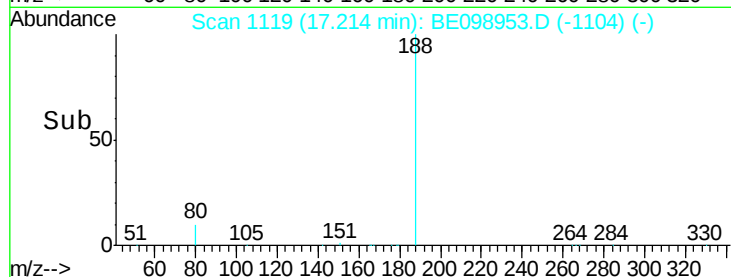
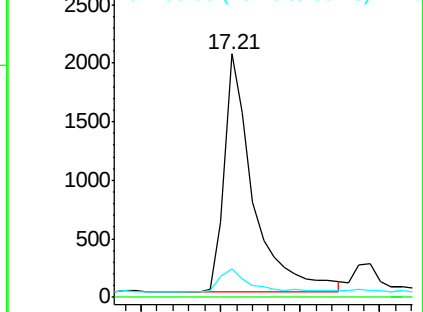
80 11.7 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.05 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

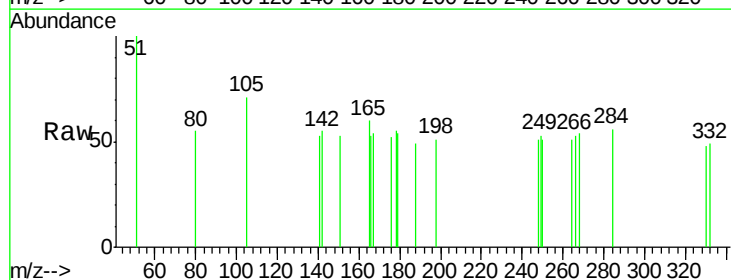
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

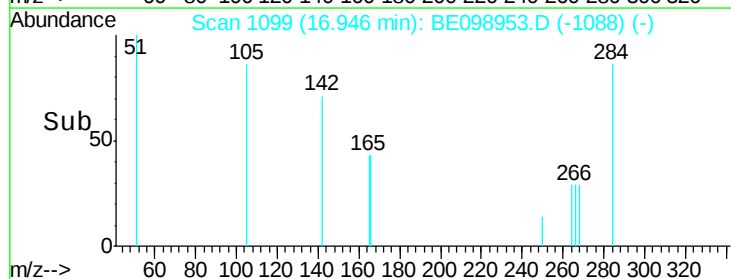
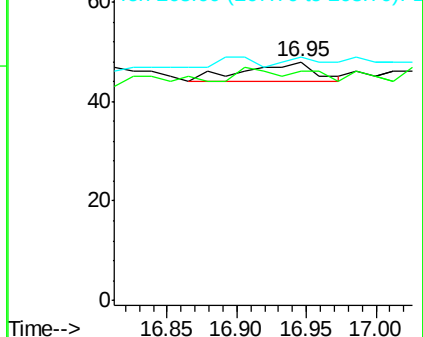
268 102.1 69.8 104.8



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

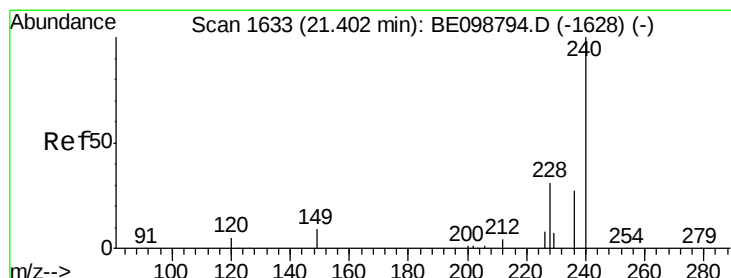
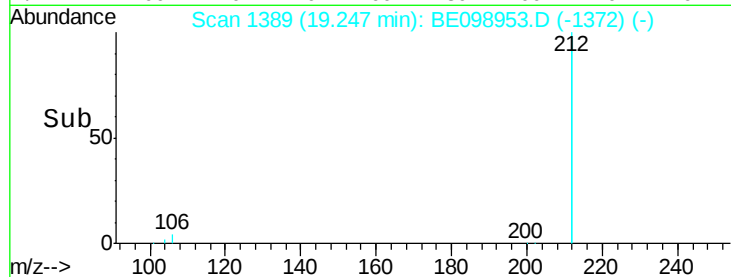
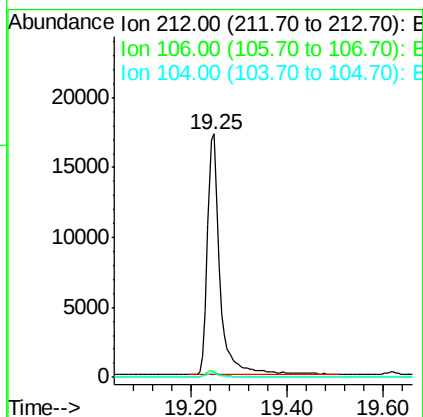
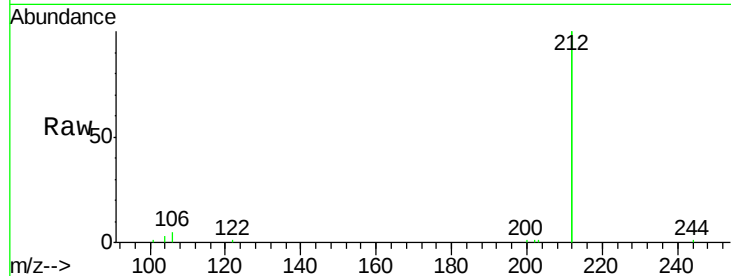




#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE098953.D
 Acq: 14 Mar 2019 21:06

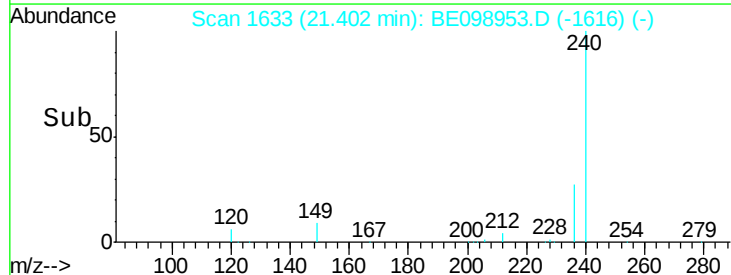
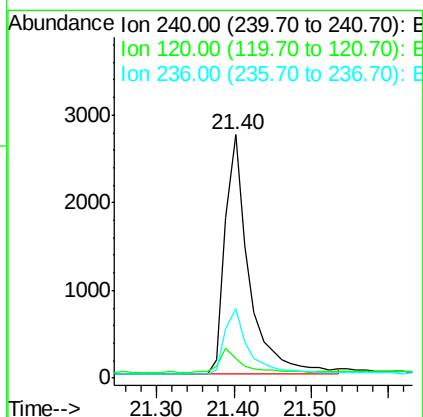
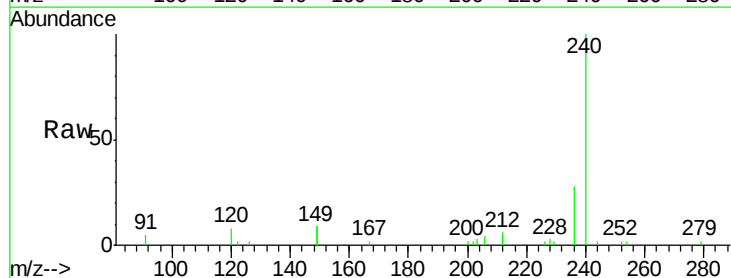
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312

Tgt Ion: 212 Resp: 31243
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.3 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098953.D
 Acq: 14 Mar 2019 21:06

Tgt Ion: 240 Resp: 5852
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.0 7.4#
 236 28.4 22.7 34.1





#29

Terphenyl-d14

Concen: 0.561 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312

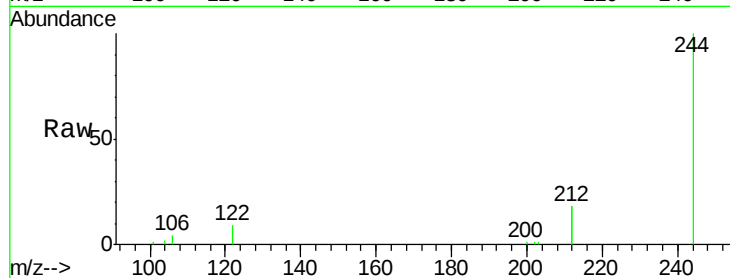
Tgt Ion:244 Resp: 7982

Ion Ratio Lower Upper

244 100

212 36.3 29.4 44.2

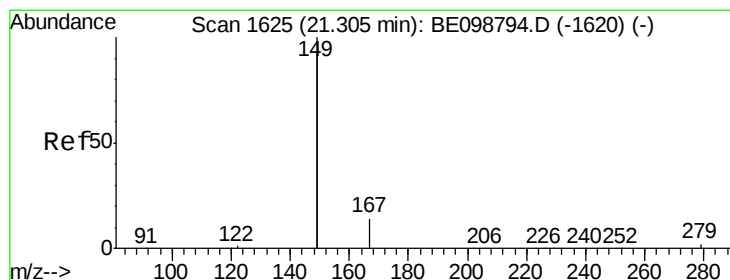
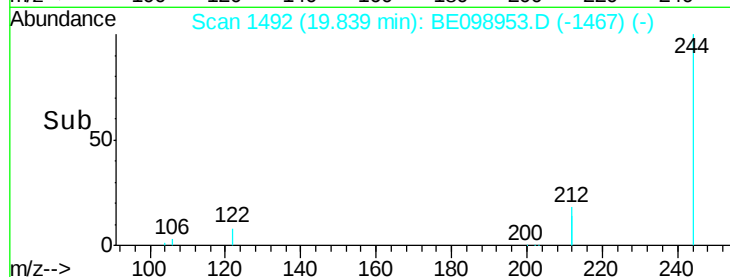
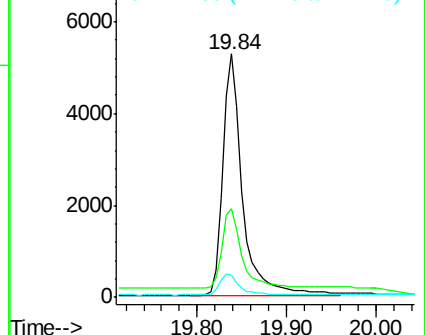
122 9.1 7.1 10.7



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: 0.069 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

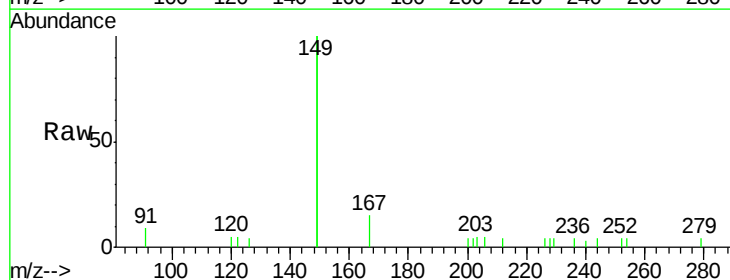
Tgt Ion:149 Resp: 2691

Ion Ratio Lower Upper

149 100

167 5.8 5.4 8.0

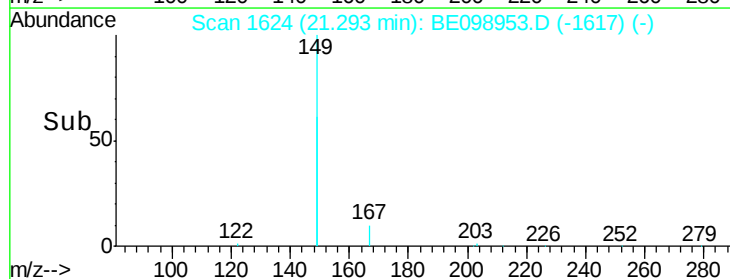
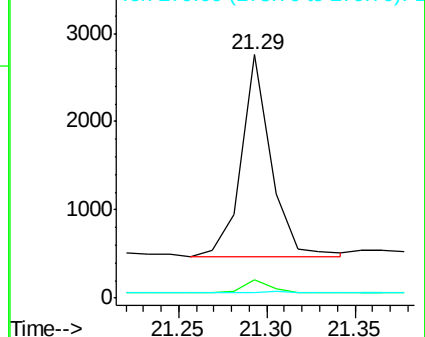
279 1.4 1.0 1.4

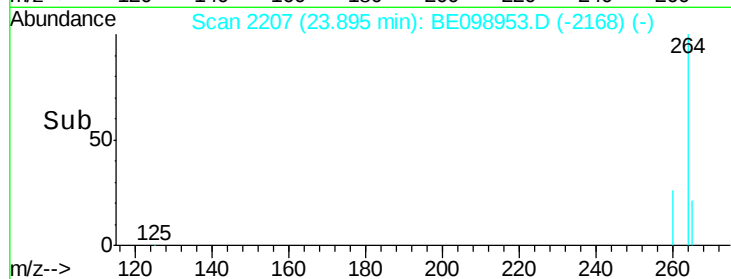
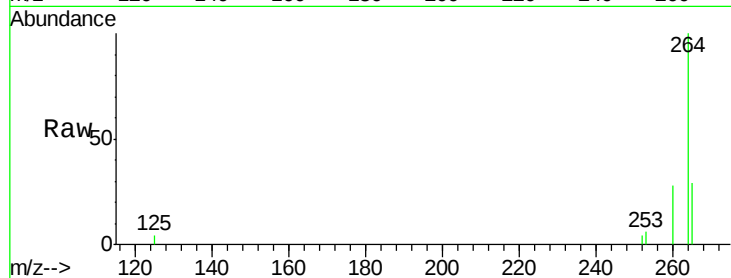


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098953.D

Acq: 14 Mar 2019 21:06

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20190312

Tgt Ion: 264 Resp: 5813

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 29.5 24.6 36.8

