

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098957.D
 Acq On : 14 Mar 2019 23:36
 Operator : JU/SJ
 Sample : K1900-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30412-20190312

Quant Time: Mar 15 05:33:35 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

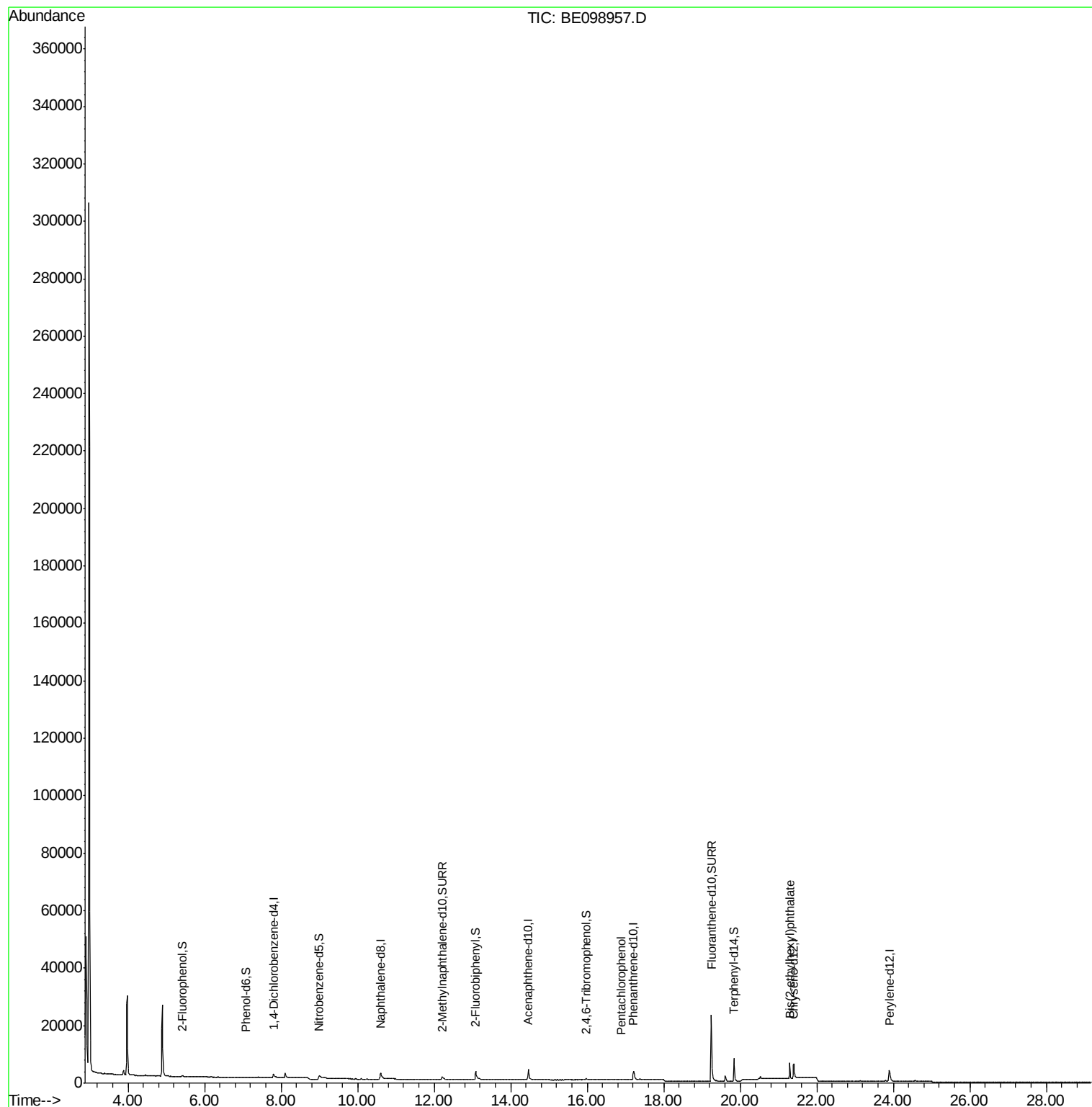
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	983	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4056	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2869	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6573	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8040	0.40	ng	0.00
34) Perylene-d12	23.90	264	7714	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	440	0.15	ng	0.02
5) Phenol-d6	7.08	99	207	0.05	ng	0.09
8) Nitrobenzene-d5	8.99	82	1264	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2829	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	530	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5071	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	39620	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	8486	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	103	Below Cal		Qvalue # 37
22) Pentachlorophenol	16.89	266	5	0.268 ng		86
32) Bis(2-ethylhexyl)phthalate	21.29	149	5449	0.102 ng		99

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

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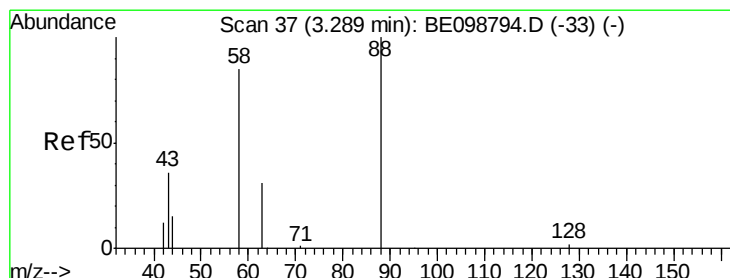
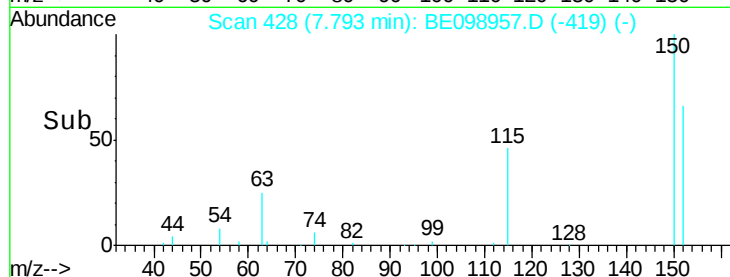
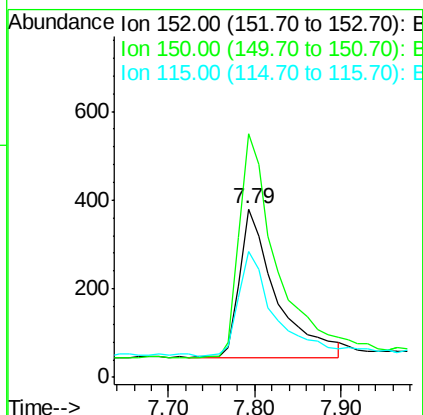
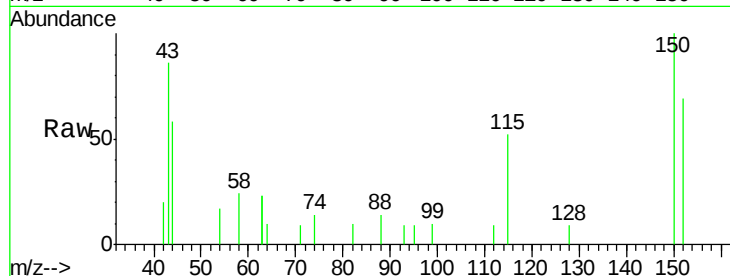


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098957.D
Acq: 14 Mar 2019 23:36

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30412-20190312

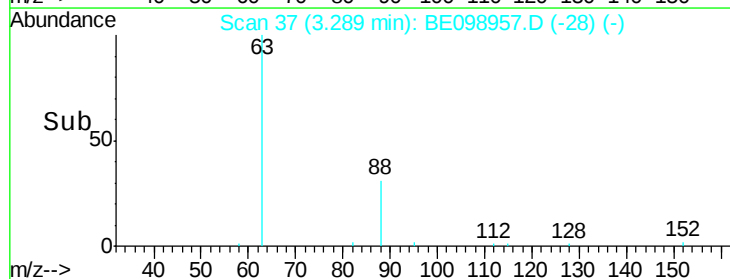
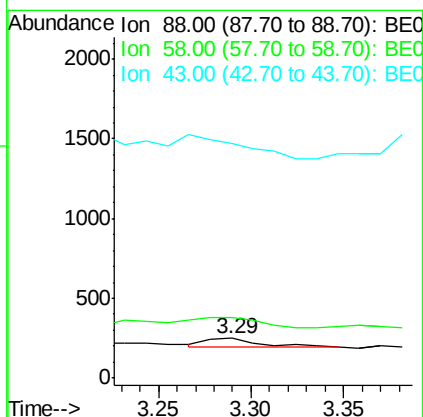
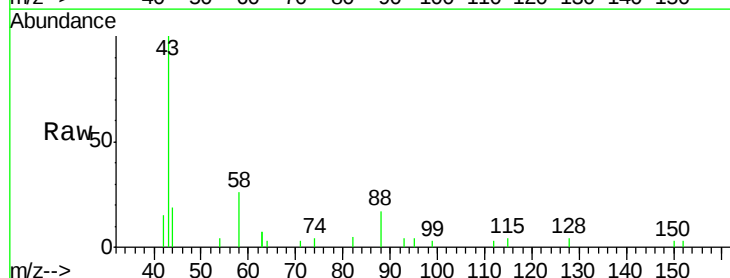
Tgt Ion: 152 Resp: 983
Ion Ratio Lower Upper
152 100
150 144.5 122.5 183.7
115 74.5 57.4 86.2



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098957.D
Acq: 14 Mar 2019 23:36

Tgt Ion: 88 Resp: 103
Ion Ratio Lower Upper
88 100
58 150.5 75.8 113.6#
43 0.0 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.150 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20190312

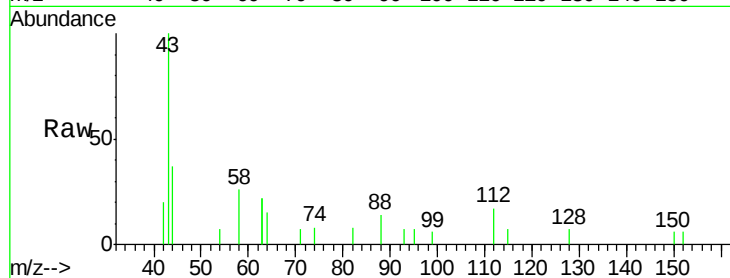
Tgt Ion: 112 Resp: 440

Ion Ratio Lower Upper

112 100

64 76.8 57.9 86.9

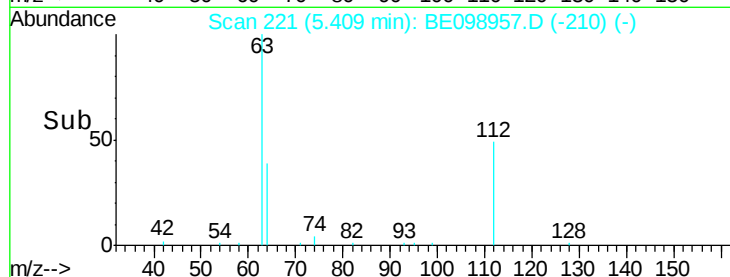
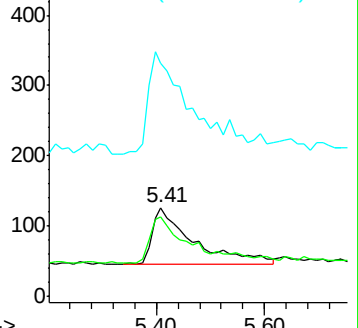
63 183.6 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.050 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.09 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

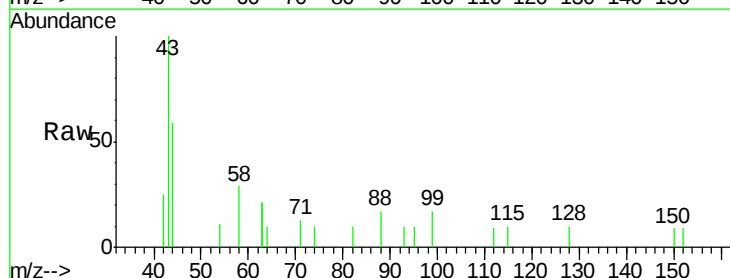
Tgt Ion: 99 Resp: 207

Ion Ratio Lower Upper

99 100

42 30.9 24.2 36.2

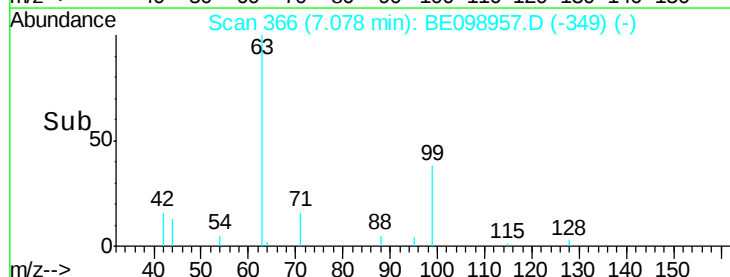
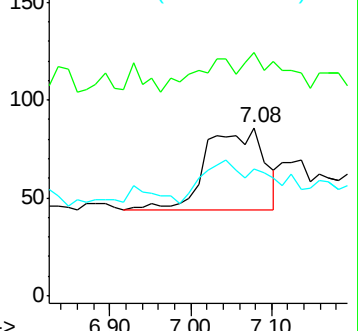
71 0.0 35.7 53.5#



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: BE098957.D

Acq: 14 Mar 2019 23:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20190312

Tgt Ion: 136 Resp: 4056

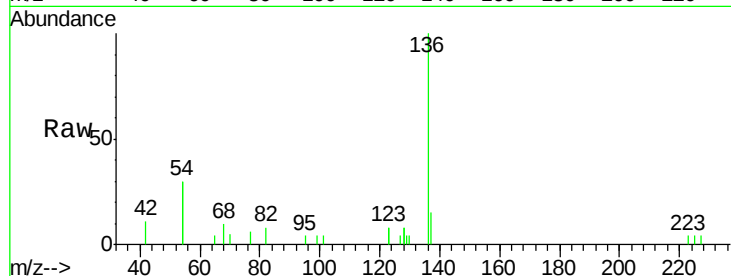
Ion Ratio Lower Upper

136 100

137 14.5 11.4 17.0

54 59.3 39.3 58.9#

68 9.8 6.7 10.1

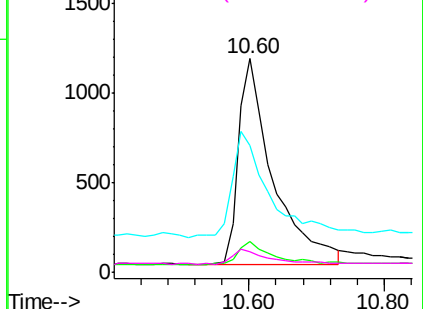
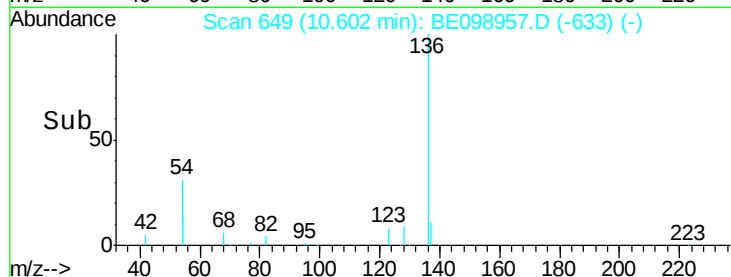


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

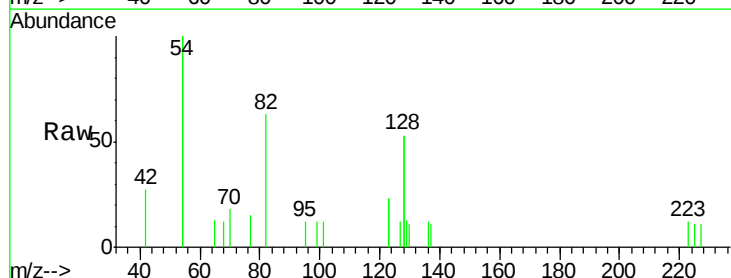
Tgt Ion: 82 Resp: 1264

Ion Ratio Lower Upper

82 100

128 168.7 123.8 185.8

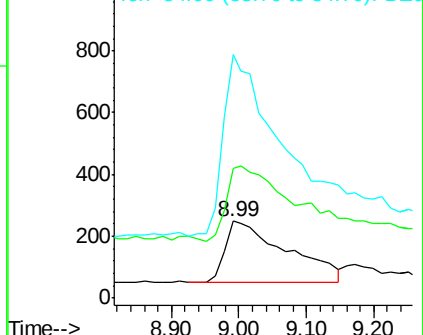
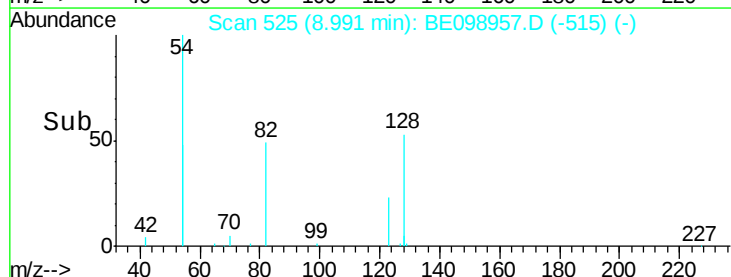
54 316.5 203.4 305.2#



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

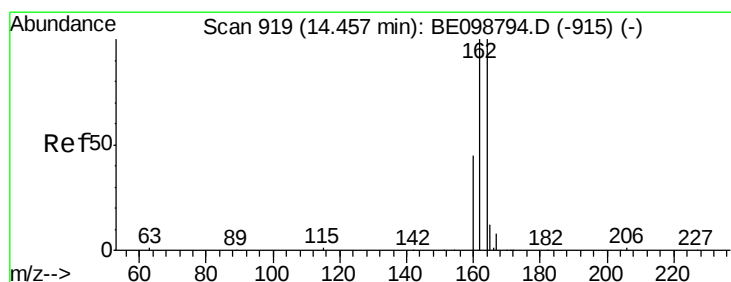
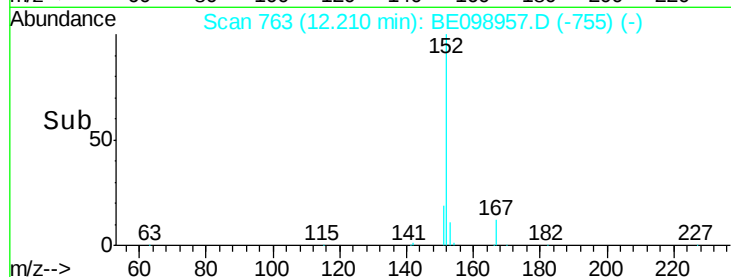
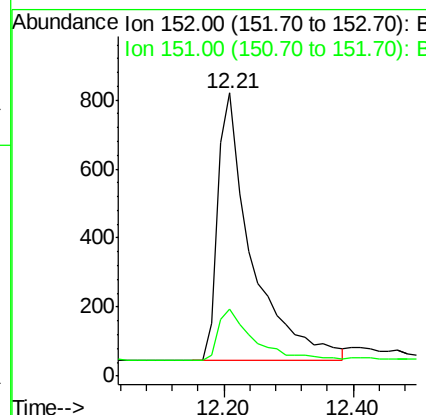
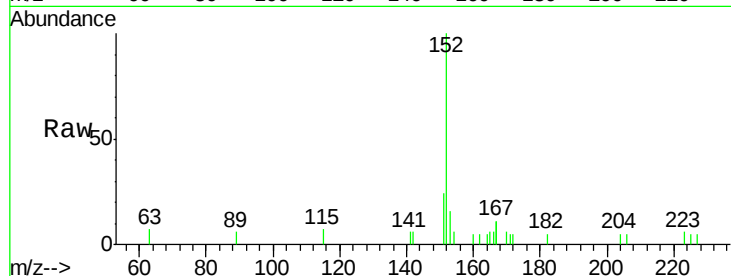




#11
 2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE098957.D
 Acq: 14 Mar 2019 23:36

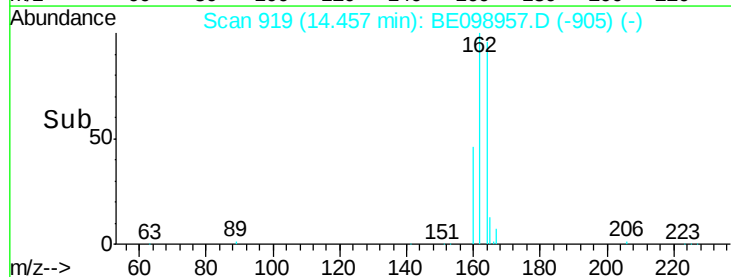
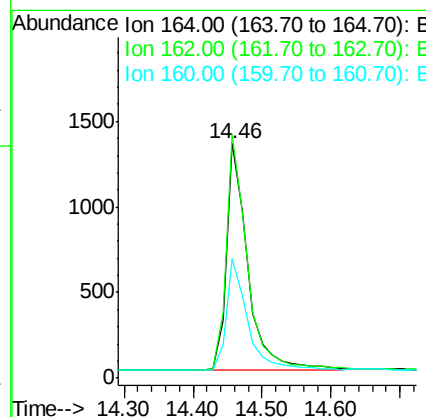
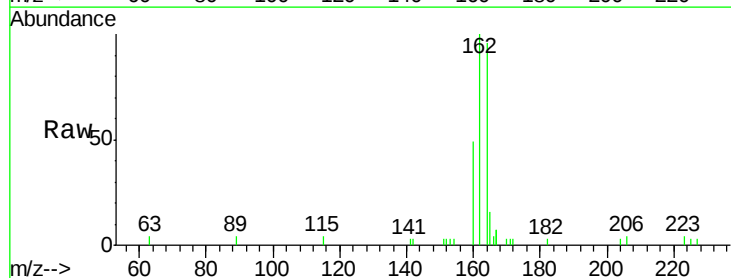
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30412-20190312

Tgt Ion:152 Resp: 2829
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098957.D
 Acq: 14 Mar 2019 23:36

Tgt Ion:164 Resp: 2869
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.2 120.2
 160 50.8 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.366 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20190312

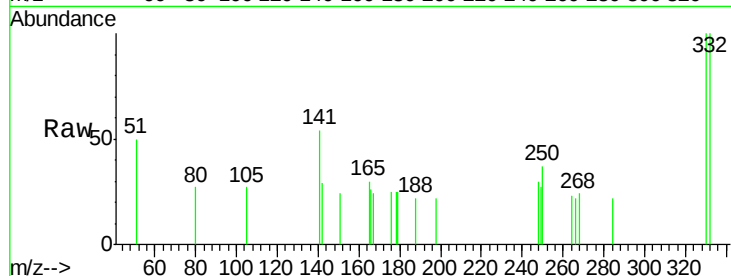
Tgt Ion:330 Resp: 530

Ion Ratio Lower Upper

330 100

332 85.8 77.6 116.4

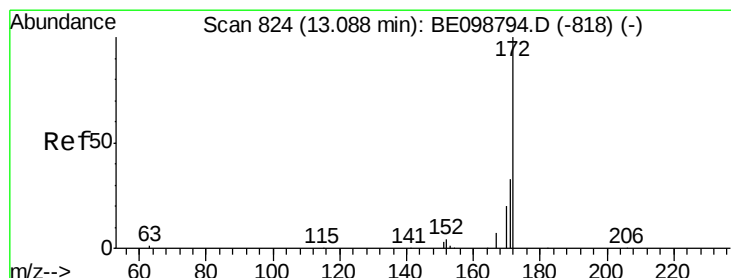
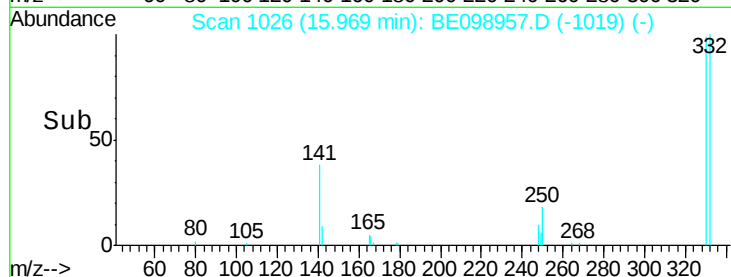
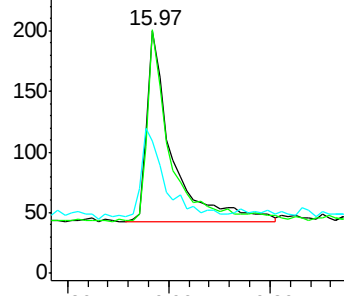
141 42.8 31.0 46.4



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: 0.427 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

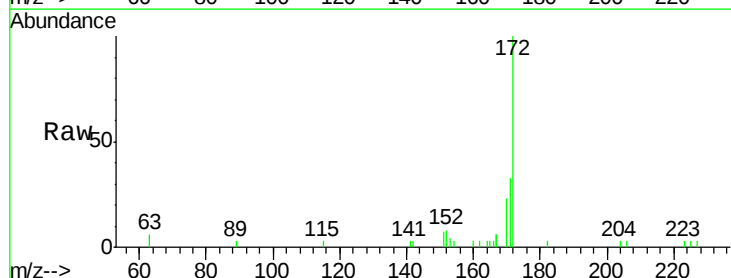
Tgt Ion:172 Resp: 5071

Ion Ratio Lower Upper

172 100

171 32.9 28.0 42.0

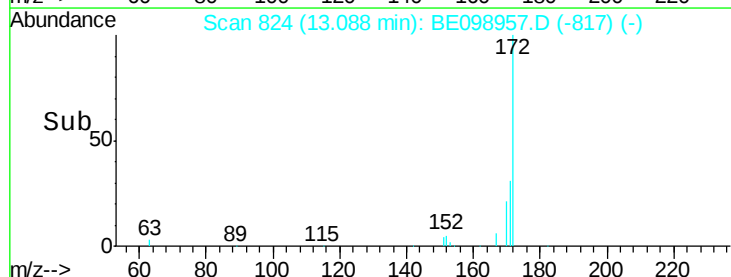
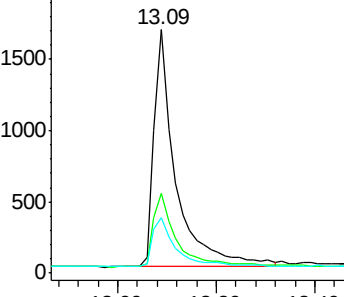
170 23.0 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20190312

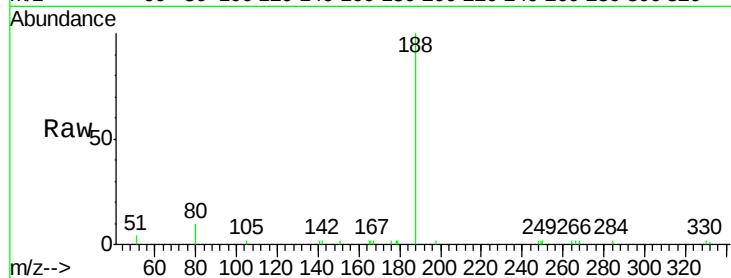
Tgt Ion:188 Resp: 6573

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

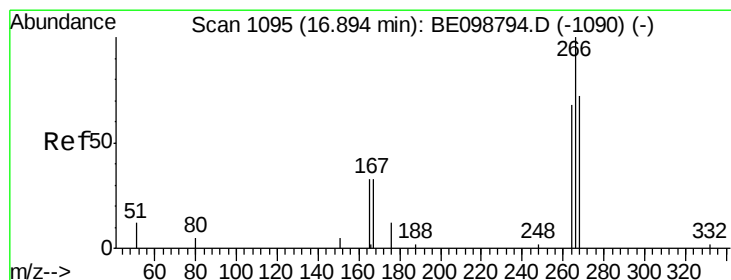
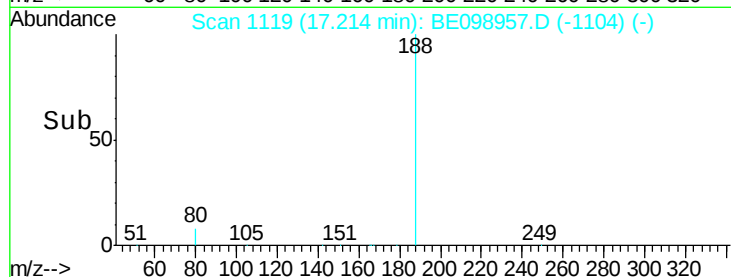
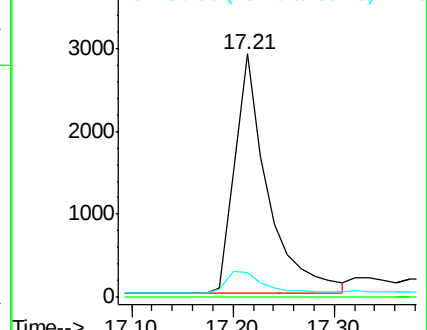
80 10.1 6.3 9.5#



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: 0.268 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

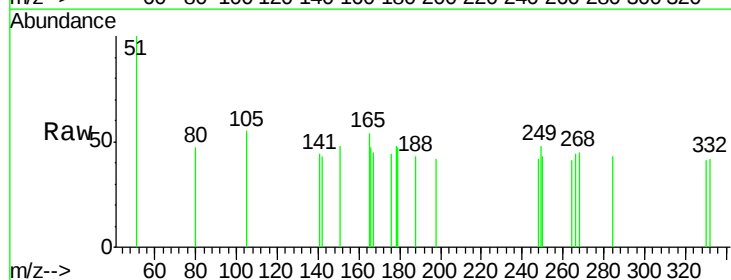
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

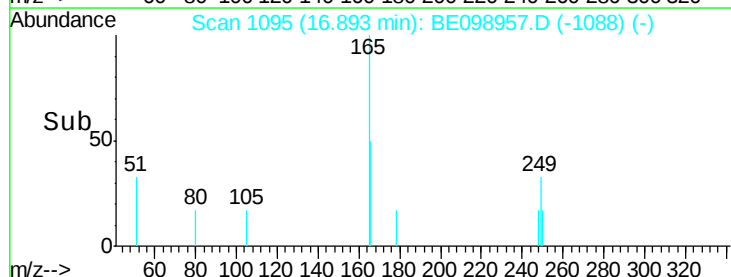
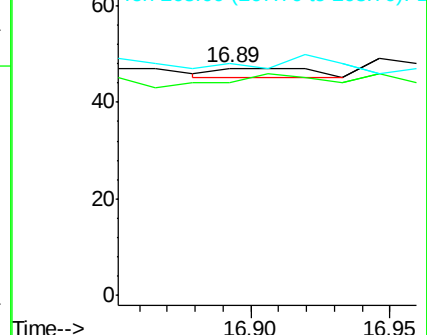
268 102.1 69.8 104.8

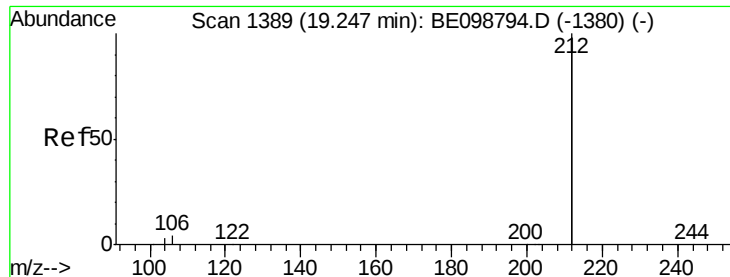


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

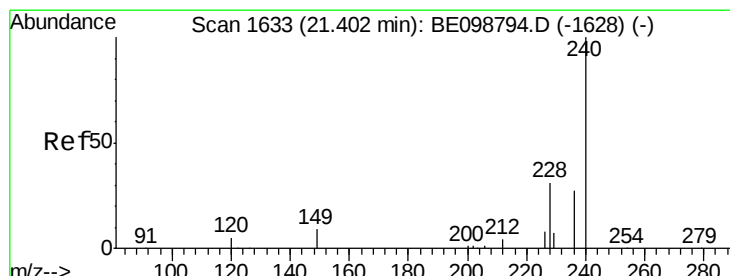
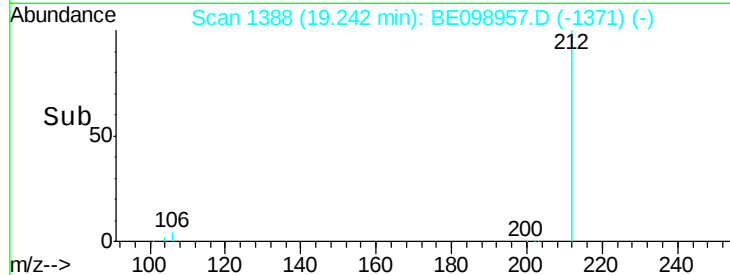
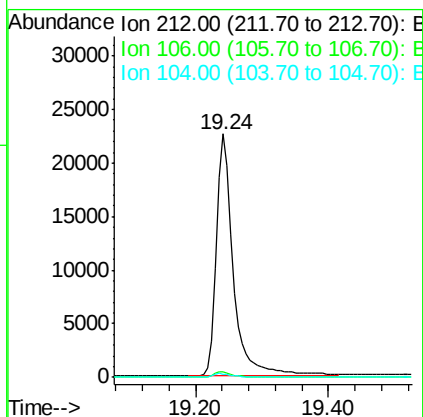
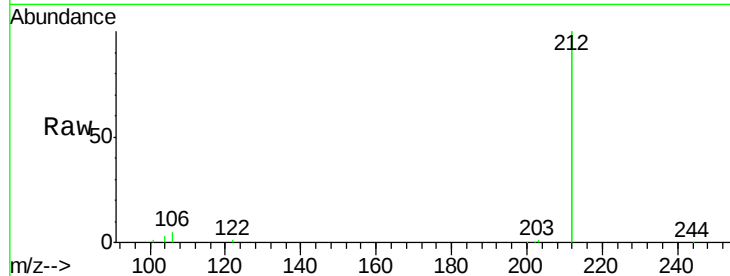




#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE098957.D
 Acq: 14 Mar 2019 23:36

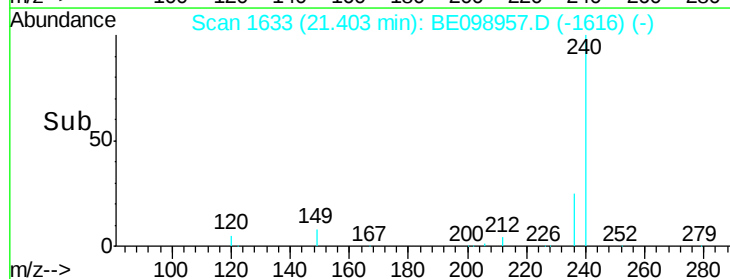
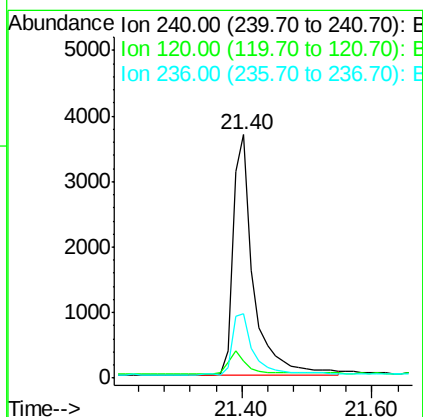
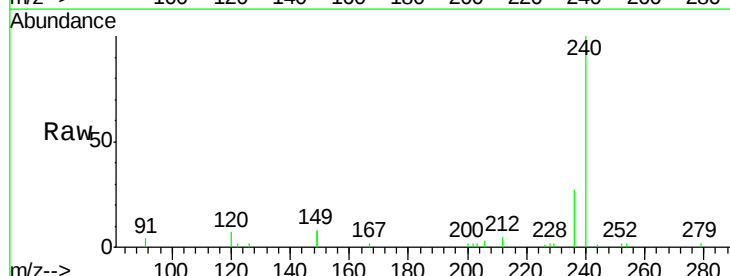
Instrument :
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 BPS1-TT-MW30412-20190312

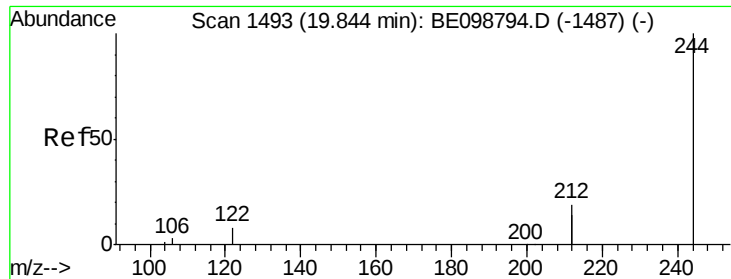
Tgt Ion: 212 Resp: 39620
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.8
 104 1.4 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098957.D
 Acq: 14 Mar 2019 23:36

Tgt Ion: 240 Resp: 8040
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.0 7.4
 236 26.6 22.7 34.1

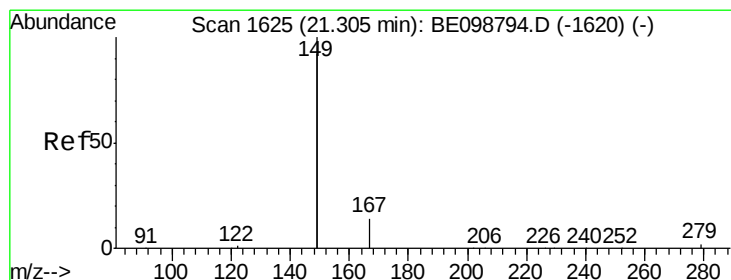
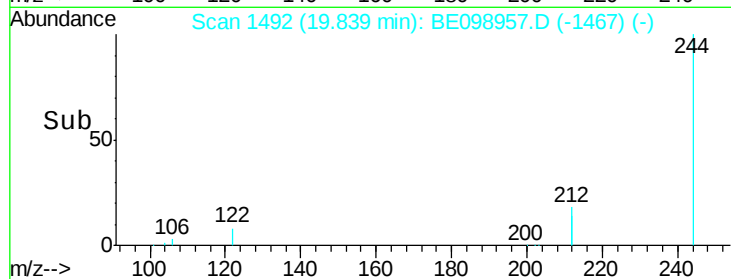
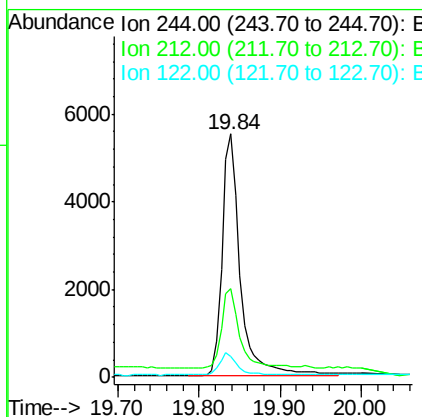
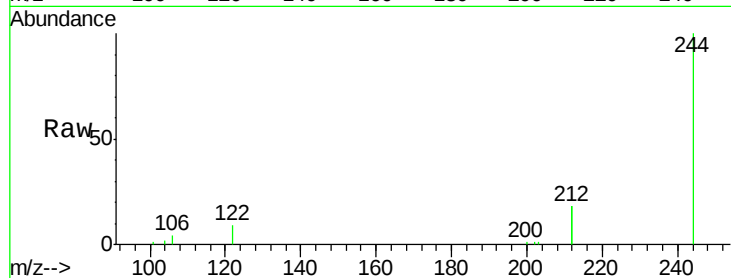




#29
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098957.D
 Acq: 14 Mar 2019 23:36

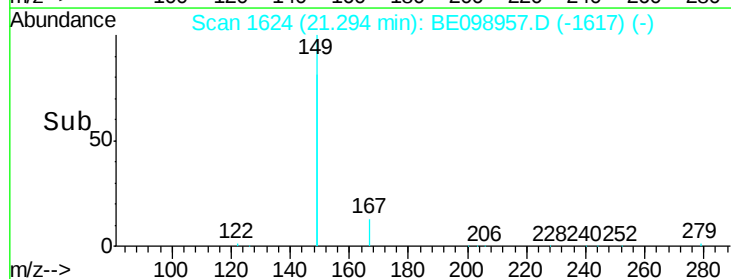
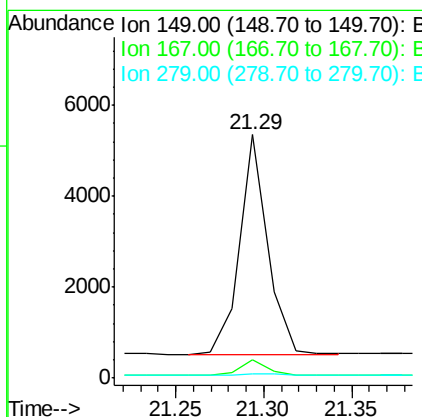
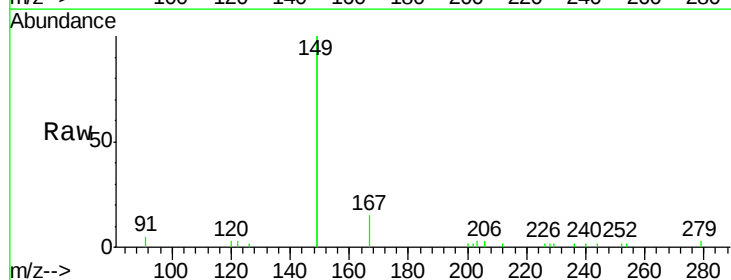
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30412-20190312

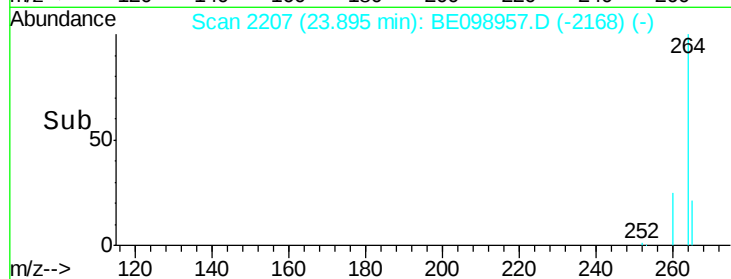
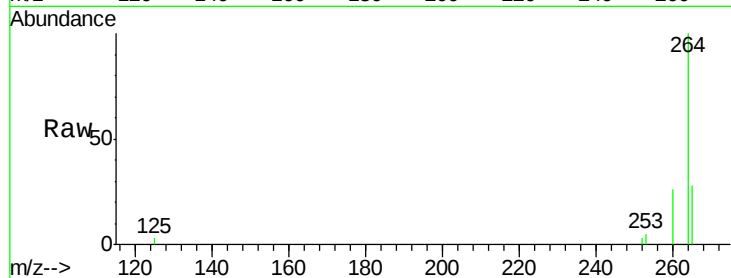
Tgt Ion: 244 Resp: 8486
 Ion Ratio Lower Upper
 244 100
 212 36.2 29.4 44.2
 122 8.5 7.1 10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098957.D
 Acq: 14 Mar 2019 23:36

Tgt Ion: 149 Resp: 5449
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.4 8.0
 279 1.1 1.0 1.4





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098957.D

Acq: 14 Mar 2019 23:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30412-20190312

Tgt Ion: 264 Resp: 7714

Ion Ratio Lower Upper

264 100

260 26.5 21.2 31.8

265 27.9 24.6 36.8

