

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
 Data File : BE099038.D
 Acq On : 19 Mar 2019 16:48
 Operator : JU/SJ
 Sample : K1963-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302S-20190314

Quant Time: Mar 20 05:25:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	704	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2987	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2125	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5405	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5686	0.40	ng	0.00
34) Perylene-d12	23.90	264	5172	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	234	0.11	ng	0.04
5) Phenol-d6	7.04	99	238	0.08	ng	0.06
8) Nitrobenzene-d5	9.02	82	1063	0.34	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2165	0.39	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	437	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4086	0.46	ng	0.00
25) Fluoranthene-d10	19.24	212	30997	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	6910	0.50	ng	-0.01

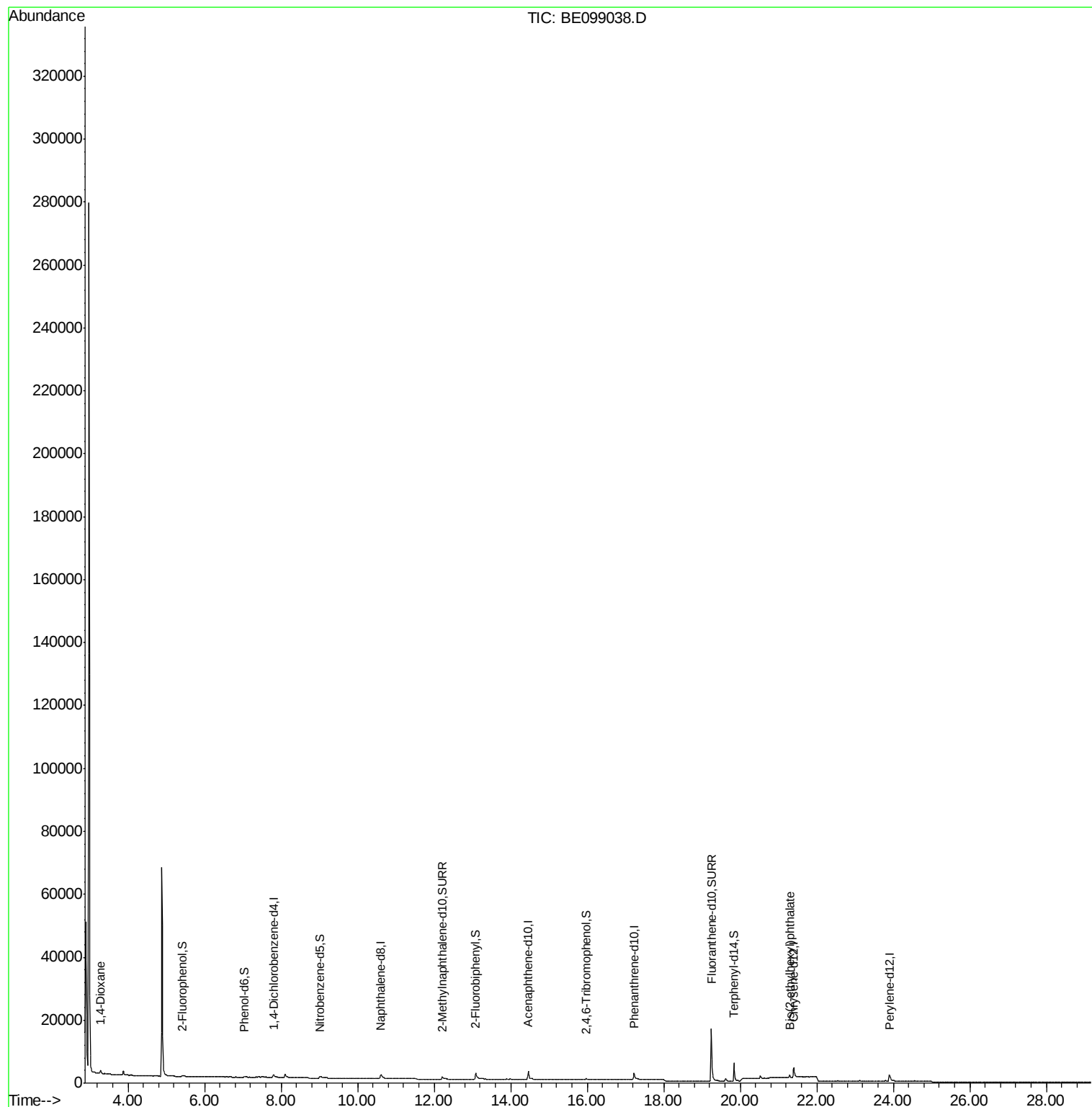
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	697	0.539	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.29	149	1166	0.031	ng	# 98

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

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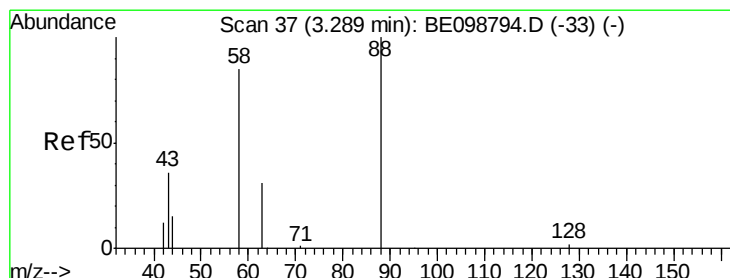
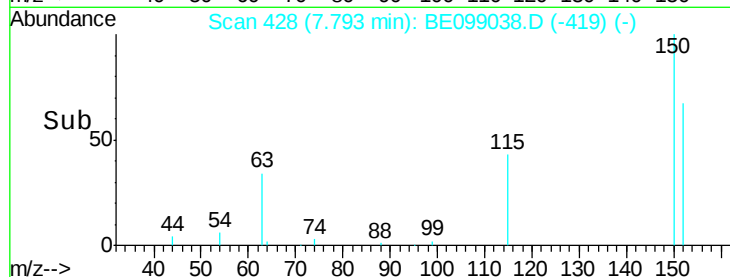
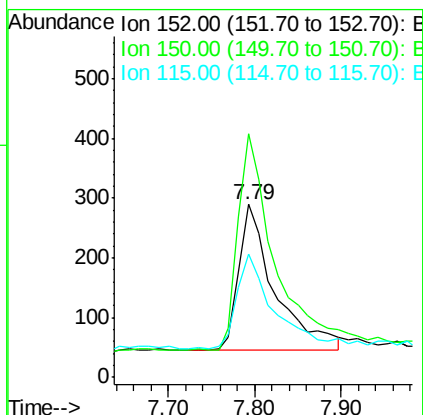
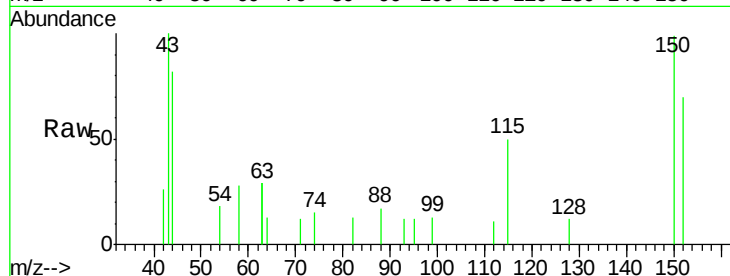


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099038.D
Acq: 19 Mar 2019 16:48

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW302S-20190314

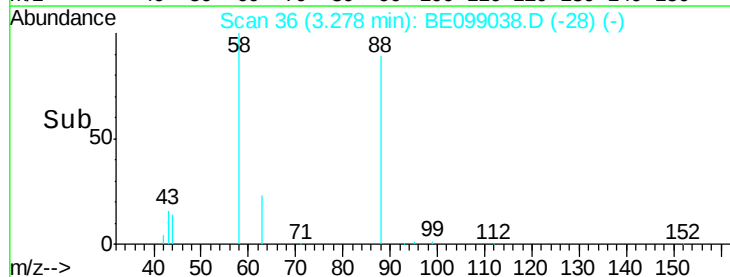
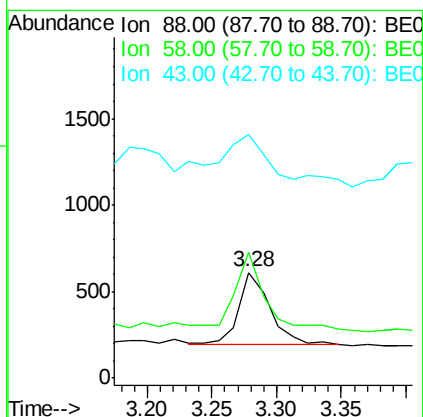
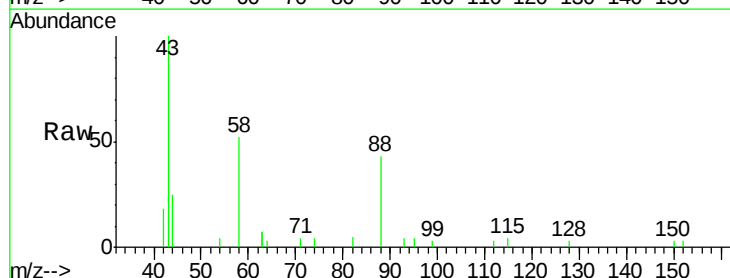
Tgt Ion:152 Resp: 704
Ion Ratio Lower Upper
152 100
150 140.7 122.5 183.7
115 71.0 57.4 86.2



#2

1,4-Dioxane
Concen: 0.539 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099038.D
Acq: 19 Mar 2019 16:48

Tgt Ion: 88 Resp: 697
Ion Ratio Lower Upper
88 100
58 96.1 75.8 113.6
43 70.9 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.111 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20190314

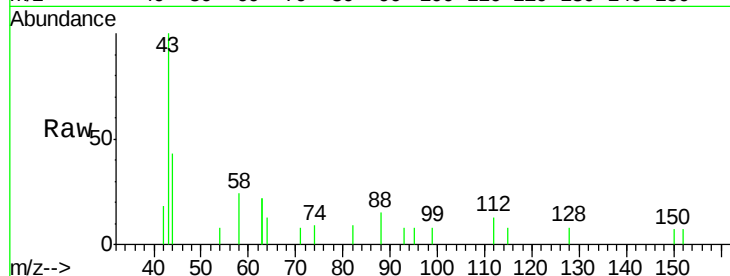
Tgt Ion: 112 Resp: 234

Ion Ratio Lower Upper

112 100

64 100.0 57.9 86.9#

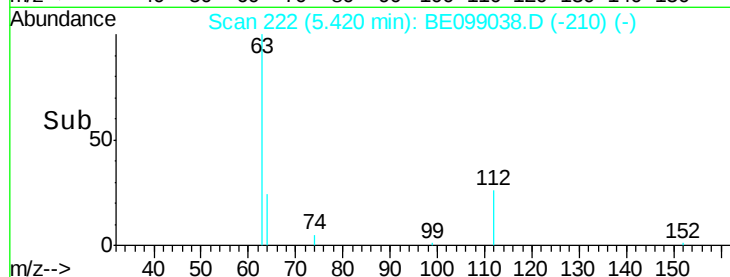
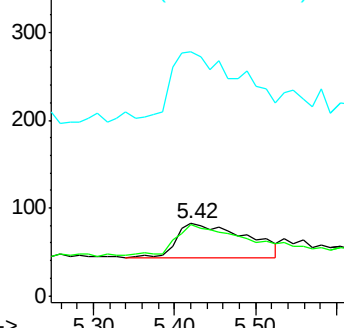
63 184.6 158.3 237.5



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: 0.080 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

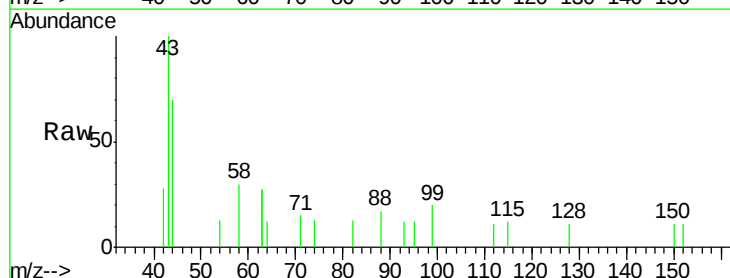
Tgt Ion: 99 Resp: 238

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

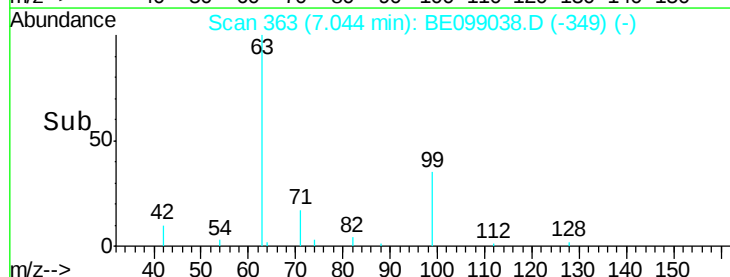
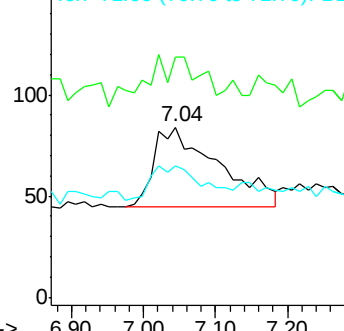
71 0.0 35.7 53.5#



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: BE099038.D

Acq: 19 Mar 2019 16:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20190314

Tgt Ion: 136 Resp: 2987

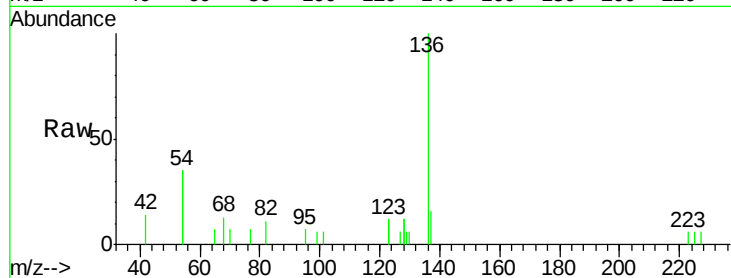
Ion Ratio Lower Upper

136 100

137 15.6 11.4 17.0

54 70.0 39.3 58.9#

68 13.1 6.7 10.1#

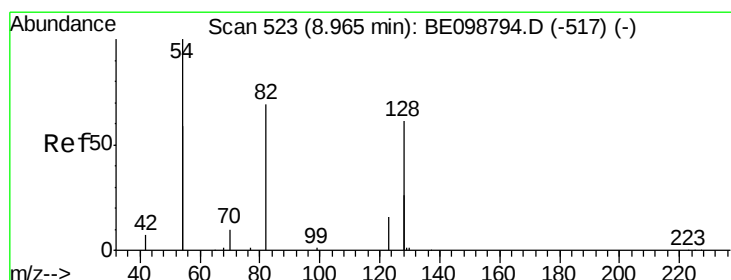
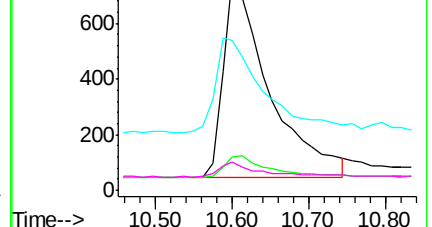
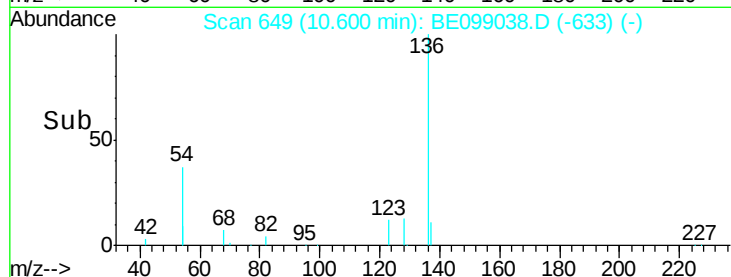


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

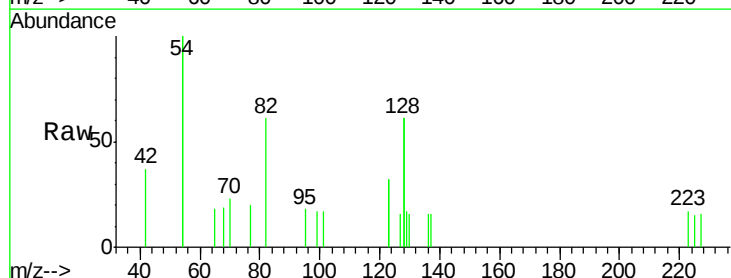
Tgt Ion: 82 Resp: 1063

Ion Ratio Lower Upper

82 100

128 201.2 123.8 185.8#

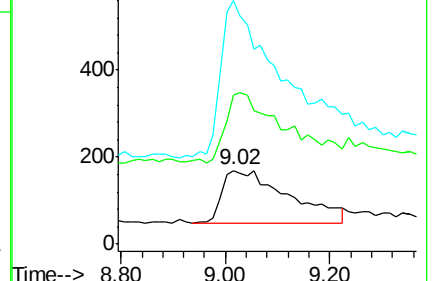
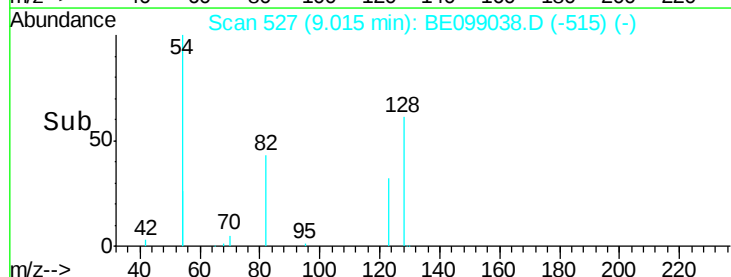
54 329.4 203.4 305.2#



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: 0.392 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

Instrument :

BNA_E

ClientSampleId :

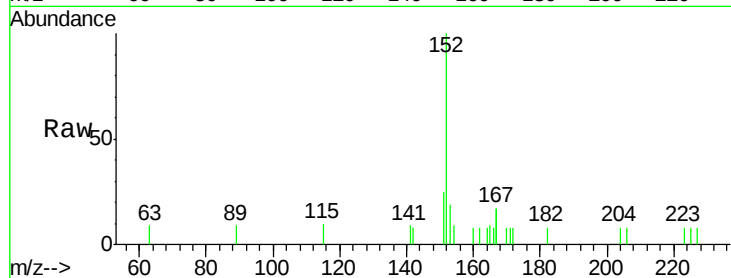
BPS1-TT-MW302S-20190314

Tgt Ion:152 Resp: 2165

Ion Ratio Lower Upper

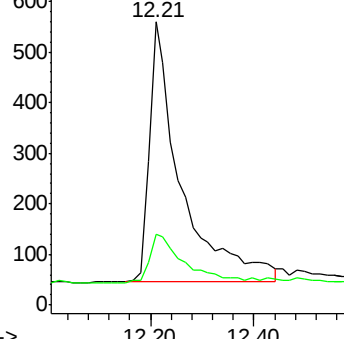
152 100

151 21.4 16.5 24.7

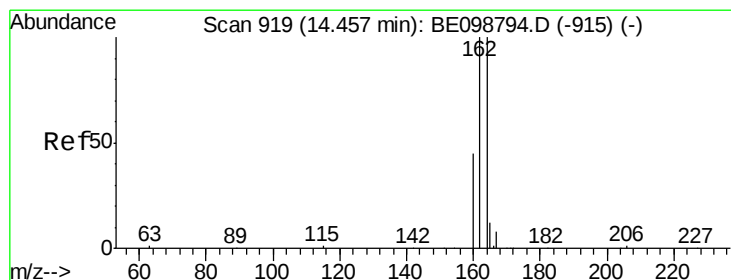
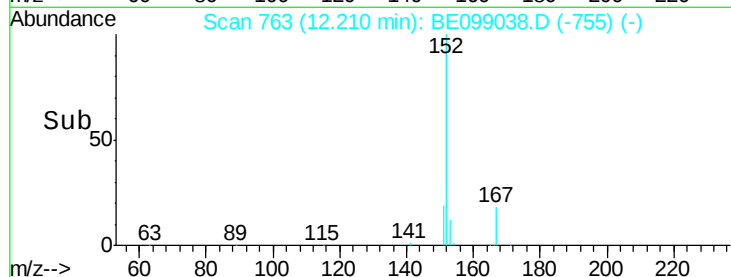


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

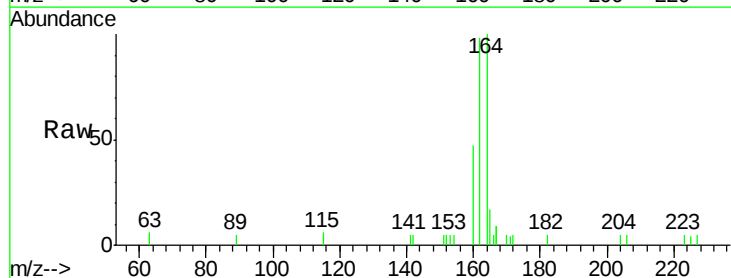
Tgt Ion:164 Resp: 2125

Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.2

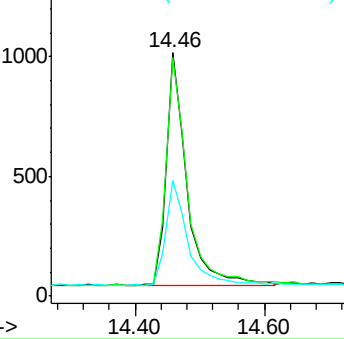
160 47.3 37.8 56.8



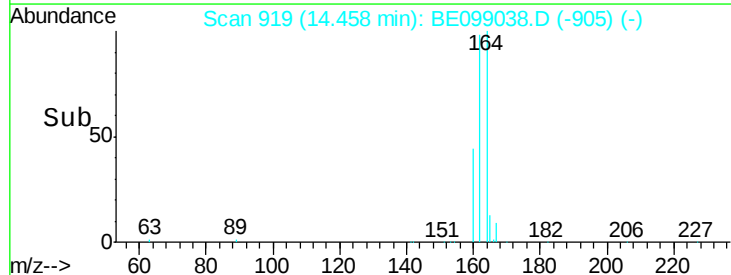
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#14

2,4,6-Tribromophenol

Concen: 0.407 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

Instrument :

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ClientSampleId :

BPS1-TT-MW302S-20190314

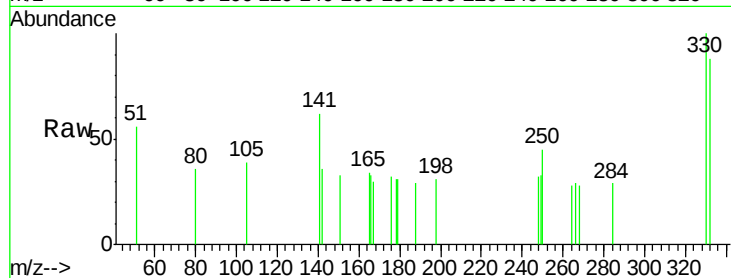
Tgt Ion:330 Resp: 437

Ion Ratio Lower Upper

330 100

332 94.5 77.6 116.4

141 35.0 31.0 46.4



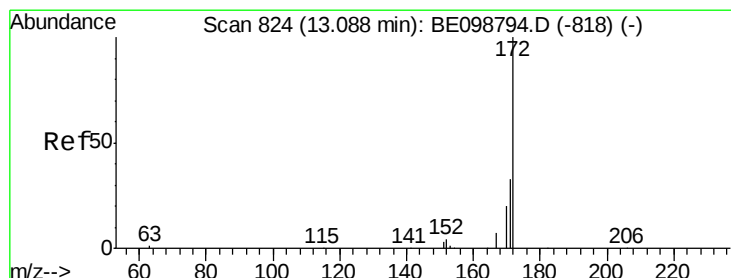
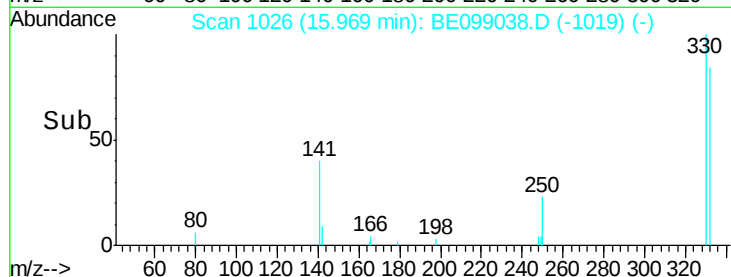
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.97

Time-->



#15

2-Fluorobiphenyl

Concen: 0.464 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

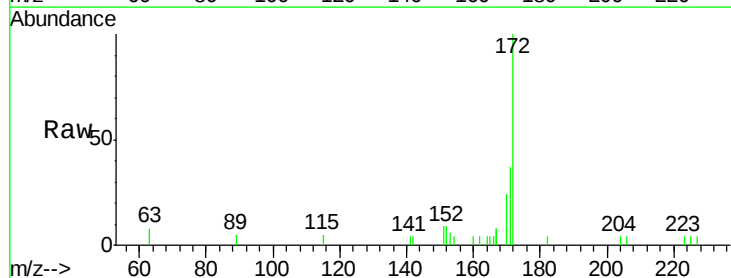
Tgt Ion:172 Resp: 4086

Ion Ratio Lower Upper

172 100

171 36.7 28.0 42.0

170 24.1 17.7 26.5



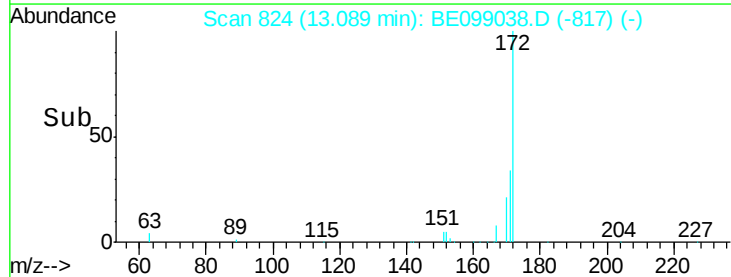
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.09

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW302S-20190314

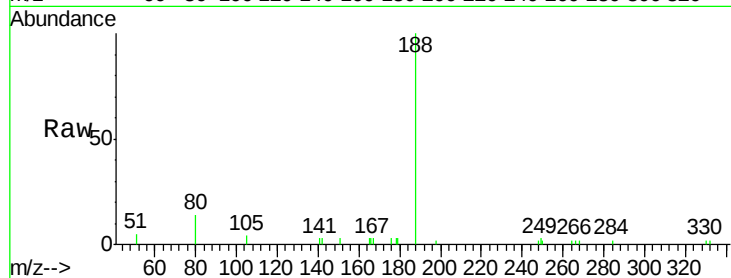
Tgt Ion:188 Resp: 5405

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

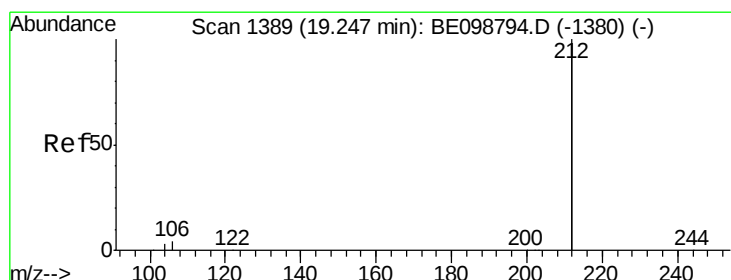
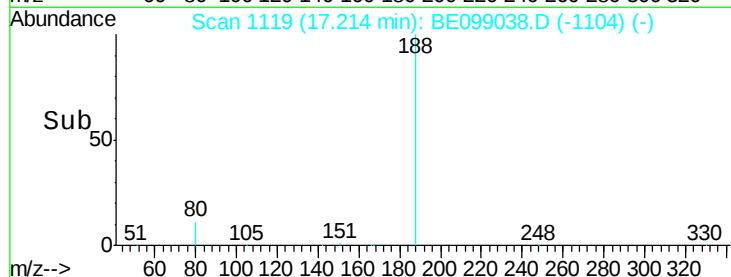
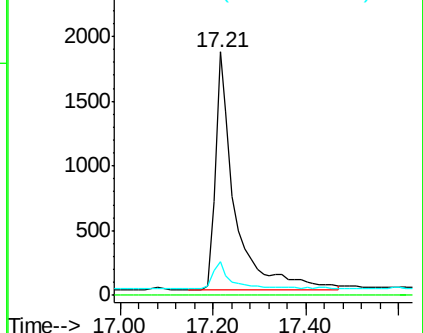
80 13.8 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099038.D

Acq: 19 Mar 2019 16:48

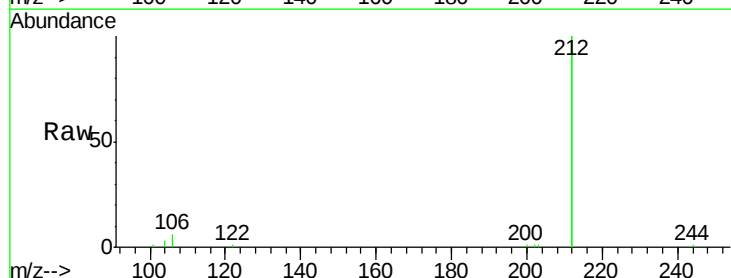
Tgt Ion:212 Resp: 30997

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

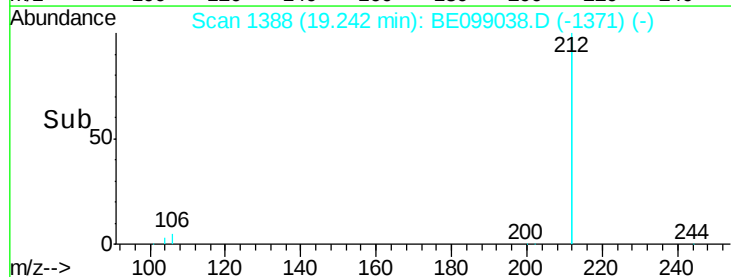
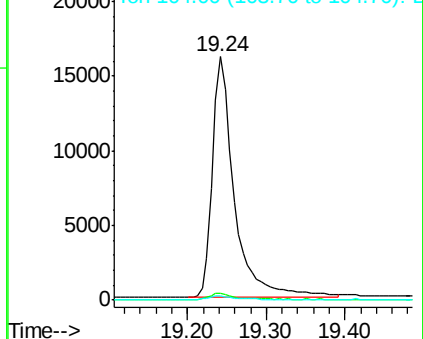
104 1.4 1.0 1.6



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

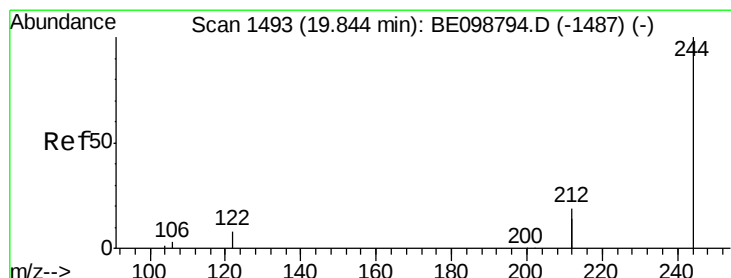
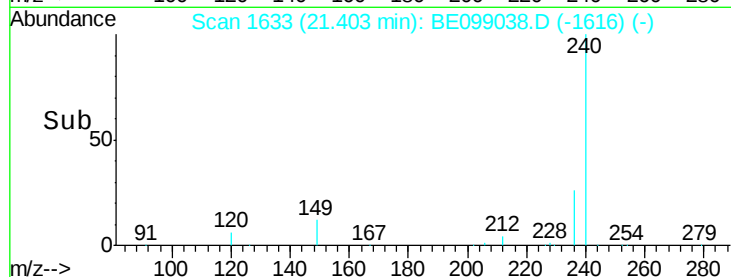
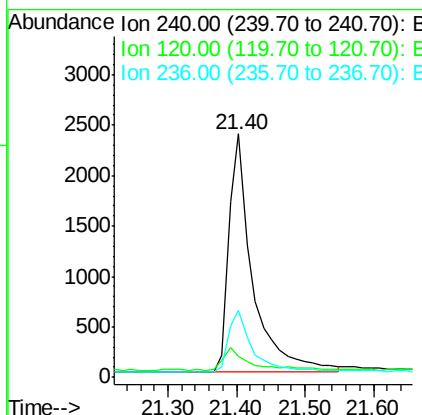
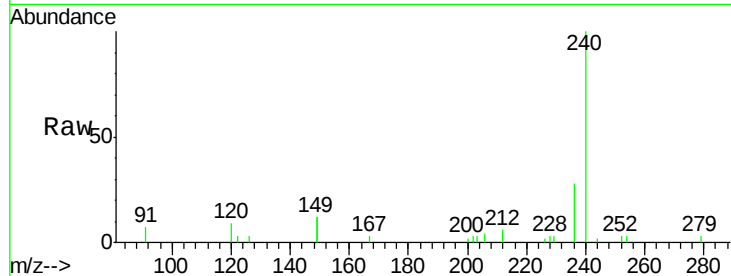




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099038.D
 Acq: 19 Mar 2019 16:48

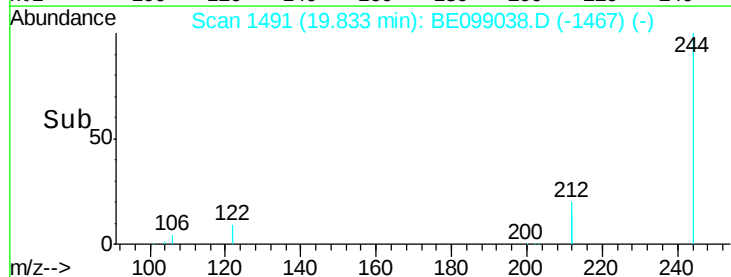
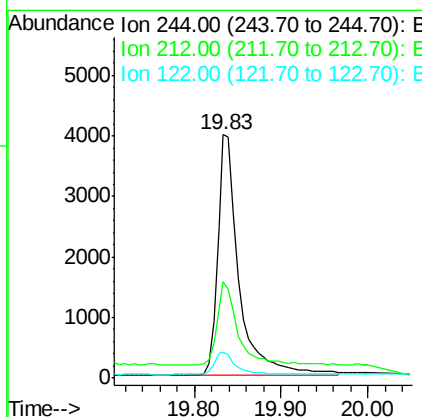
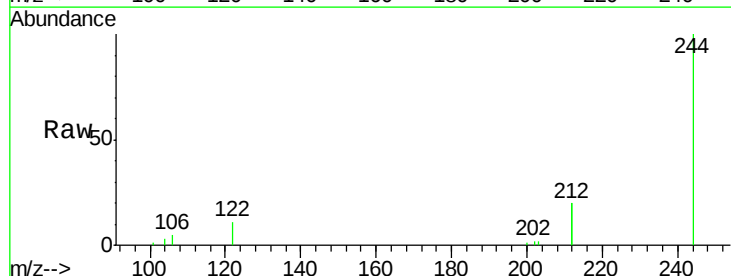
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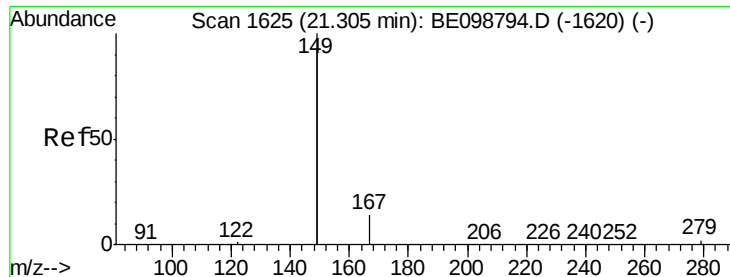
Tgt Ion:240 Resp: 5686
 Ion Ratio Lower Upper
 240 100
 120 8.7 5.0 7.4#
 236 27.5 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.500 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE099038.D
 Acq: 19 Mar 2019 16:48

Tgt Ion:244 Resp: 6910
 Ion Ratio Lower Upper
 244 100
 212 39.4 29.4 44.2
 122 10.9 7.1 10.7#

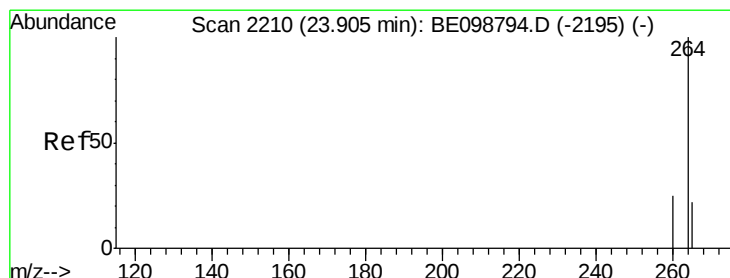
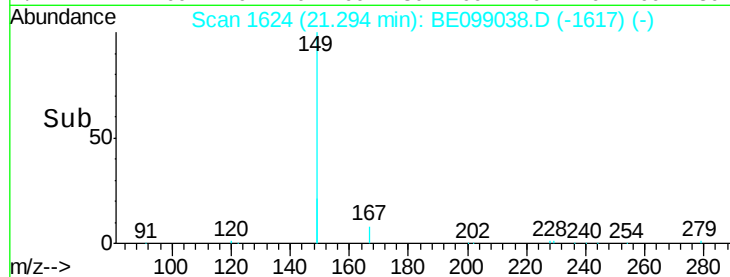
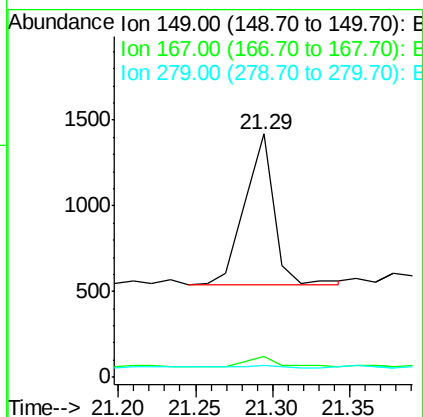
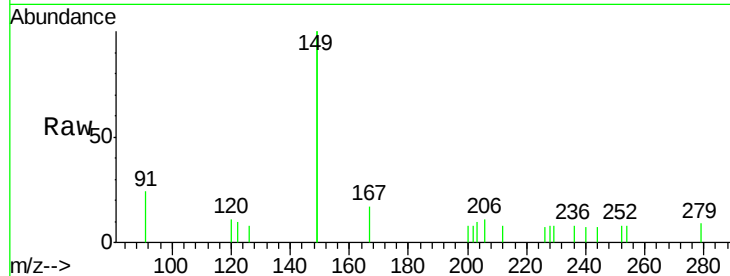




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099038.D
 Acq: 19 Mar 2019 16:48

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW302S-20190314

Tgt Ion:149 Resp: 1166
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.4 8.0
 279 1.5 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE099038.D
 Acq: 19 Mar 2019 16:48

Tgt Ion:264 Resp: 5172
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 31.9 24.6 36.8

