

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099019.D
 Acq On : 19 Mar 2019 2:59
 Operator : JU/SJ
 Sample : K1937-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190314

Quant Time: Mar 19 03:53:38 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

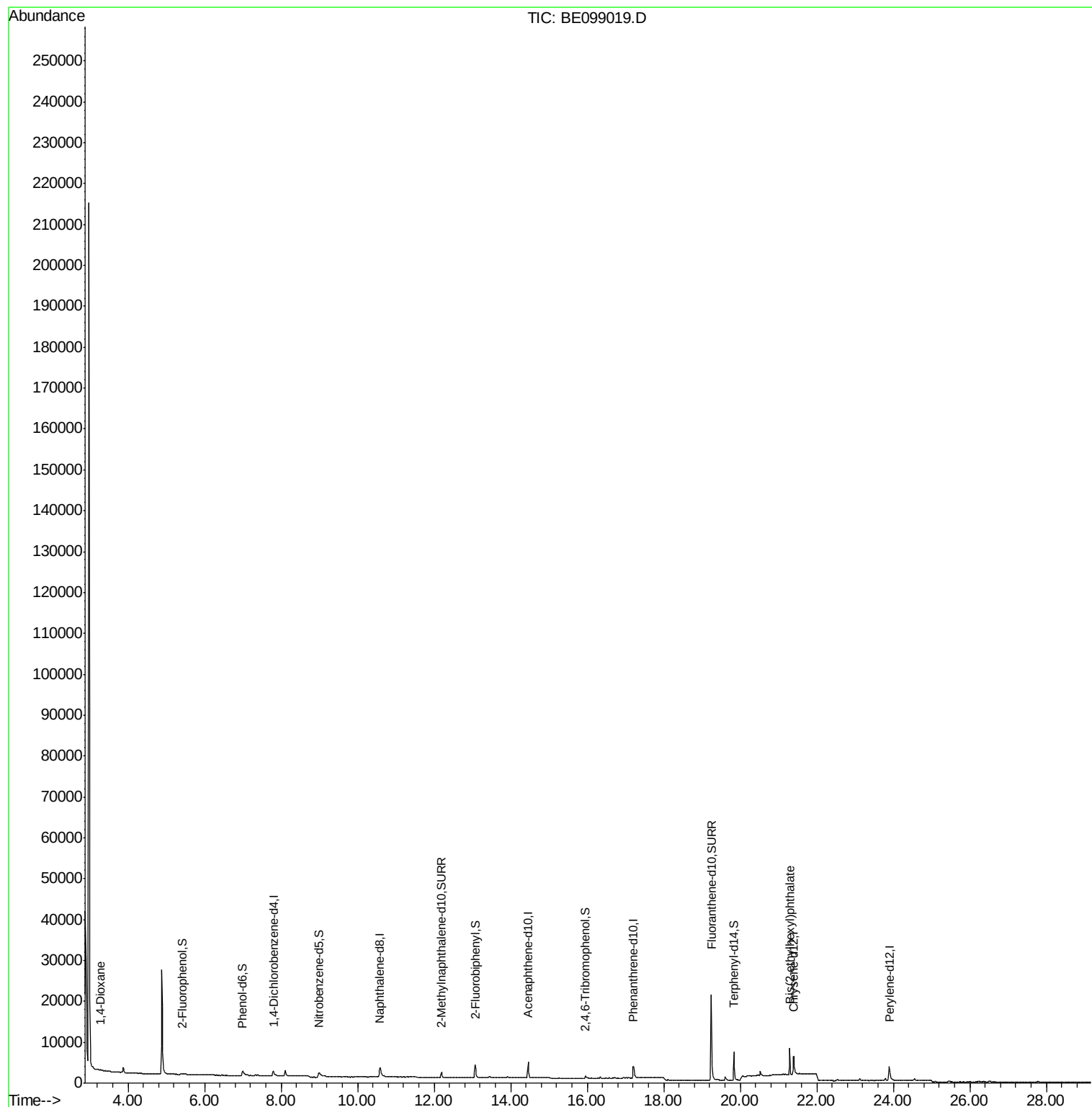
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	862	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3879	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2654	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6883	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7444	0.40	ng	0.00
34) Perylene-d12	23.89	264	6897	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	381	0.15	ng	0.03
5) Phenol-d6	6.98	99	378	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	1380	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2689	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	485	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4508	0.41	ng	-0.01
25) Fluoranthene-d10	19.24	212	37007	0.34	ng	0.00
29) Terphenyl-d14	19.83	244	6960	0.38	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	173	0.026	ng	Qvalue # 55
32) Bis(2-ethylhexyl)phthalate	21.29	149	6769	0.137	ng	99

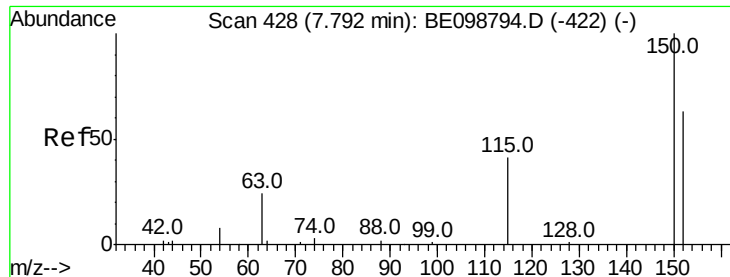
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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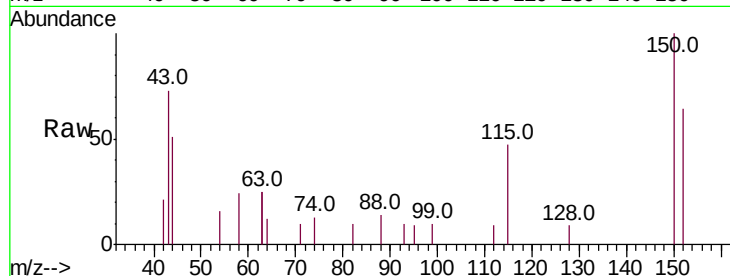


#1

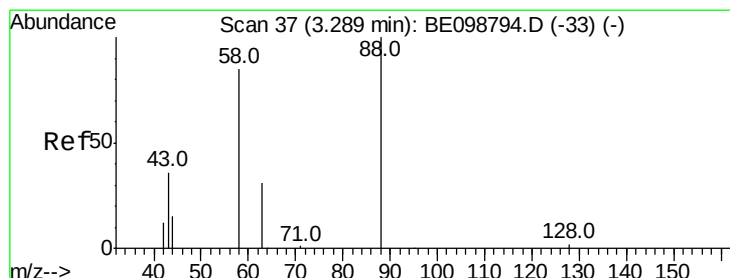
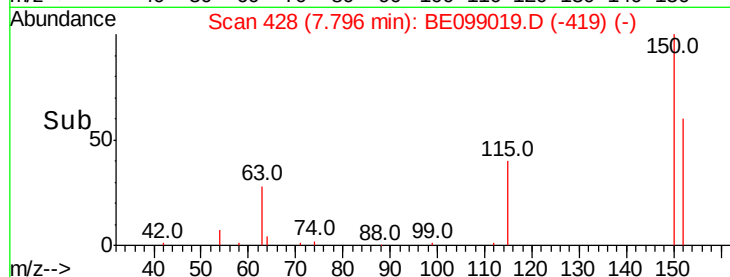
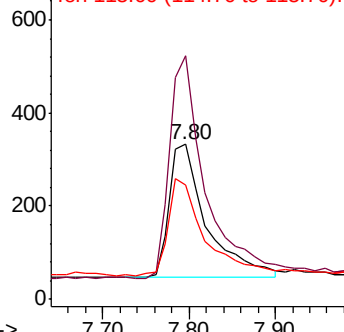
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099019.D
Acq: 19 Mar 2019 2:59

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190314

Tot Ion:152 Resp: 862
Ion Ratio Lower Upper
152 100
150 157.1 122.5 183.7
115 73.9 57.4 86.2



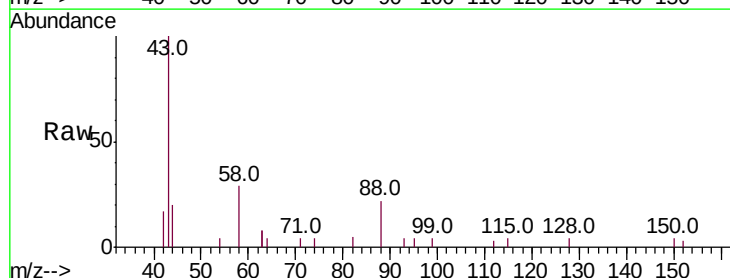
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



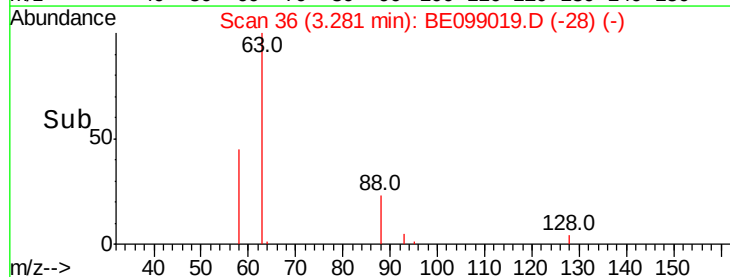
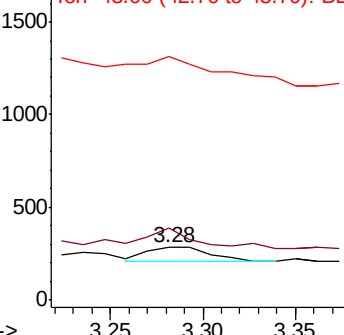
#2

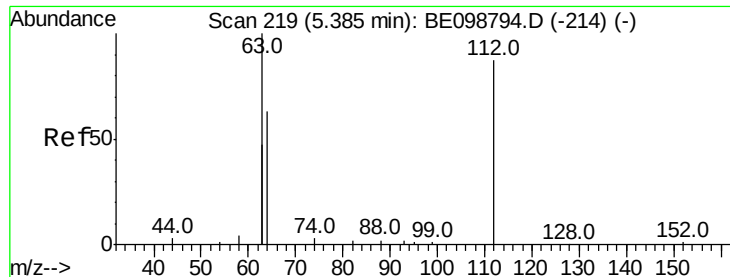
1,4-Dioxane
Concen: 0.026 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099019.D
Acq: 19 Mar 2019 2:59

Tgt Ion: 88 Resp: 173
Ion Ratio Lower Upper
88 100
58 132.9 75.8 113.6#
43 91.3 41.8 62.8#



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





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190314

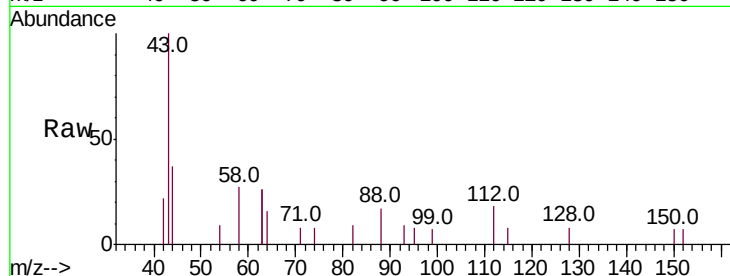
Tot Ion:112 Resp: 381

Ion Ratio Lower Upper

112 100

64 71.7 57.9 86.9

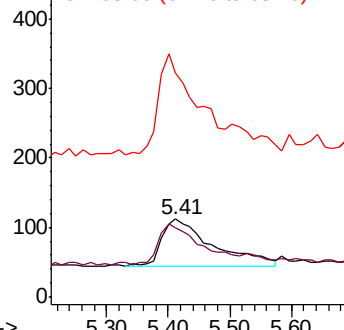
63 164.0 158.3 237.5



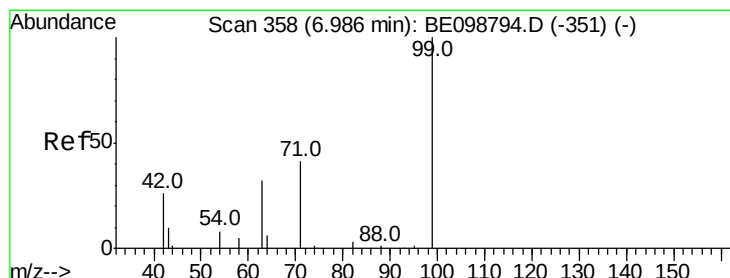
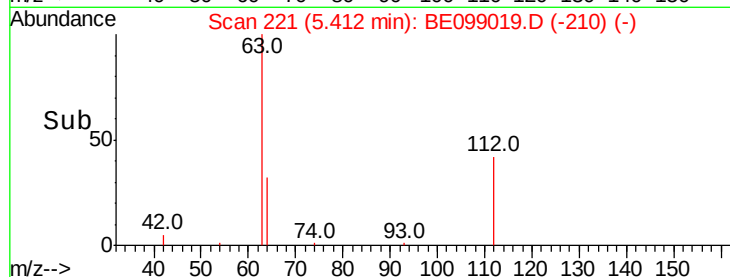
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.104 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

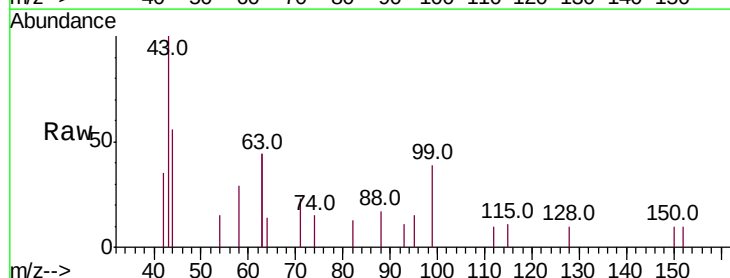
Tgt Ion: 99 Resp: 378

Ion Ratio Lower Upper

99 100

42 48.1 24.2 36.2#

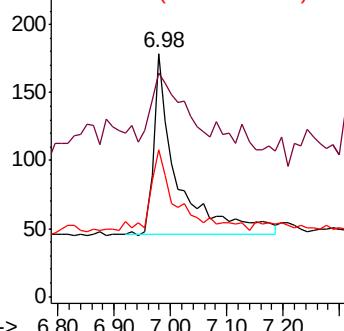
71 42.6 35.7 53.5



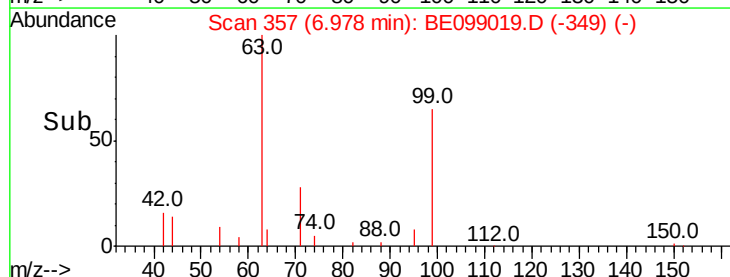
Abundance Ion 99.00 (98.70 to 99.70): BE0

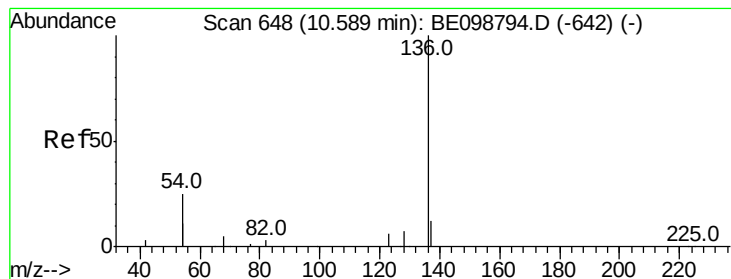
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190314

Tot Ion:136 Resp: 3879

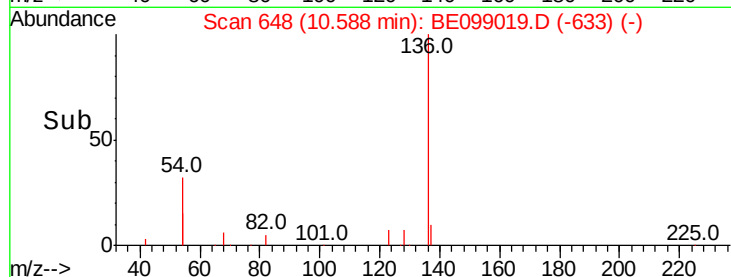
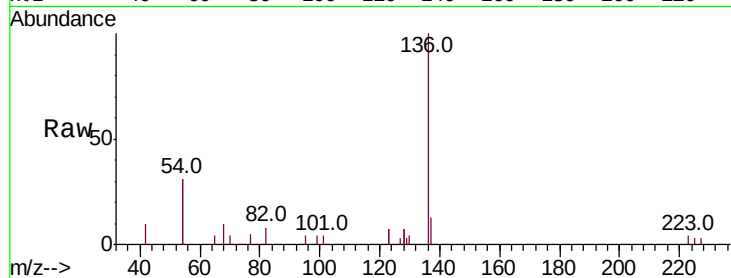
Ion Ratio Lower Upper

136 100

137 12.9 11.4 17.0

54 61.1 39.3 58.9#

68 9.9 6.7 10.1

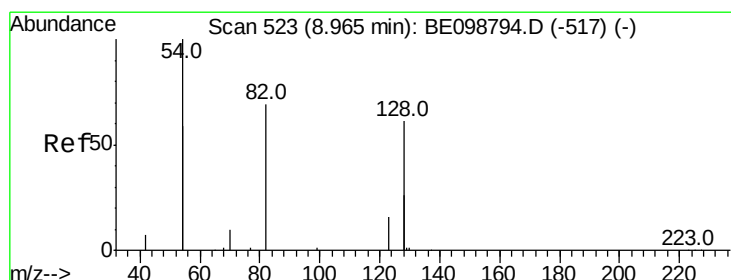
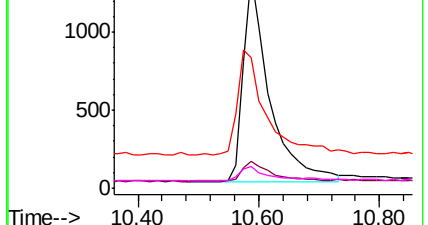


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

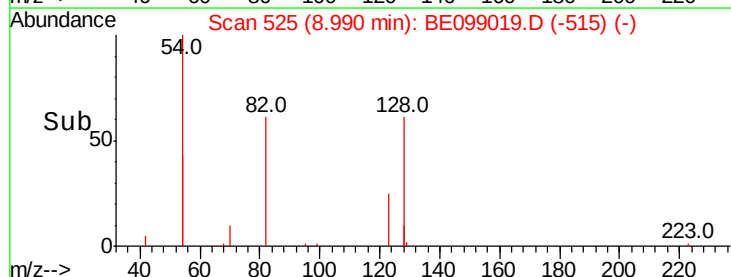
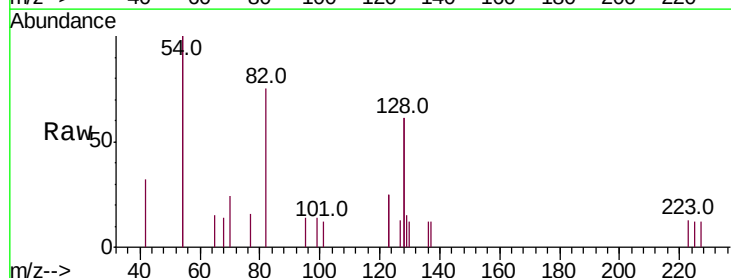
Tgt Ion: 82 Resp: 1380

Ion Ratio Lower Upper

82 100

128 163.6 123.8 185.8

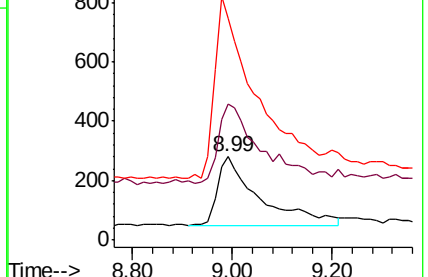
54 266.4 203.4 305.2

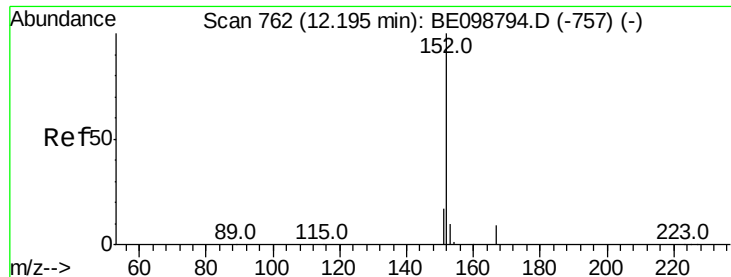


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

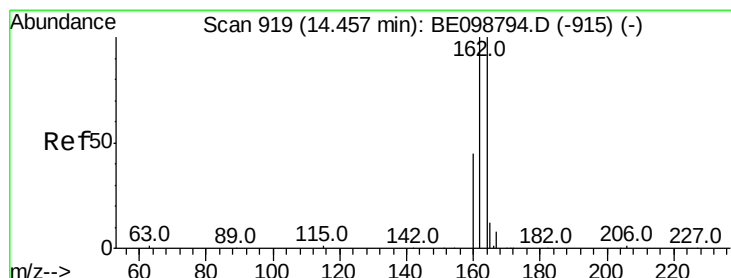
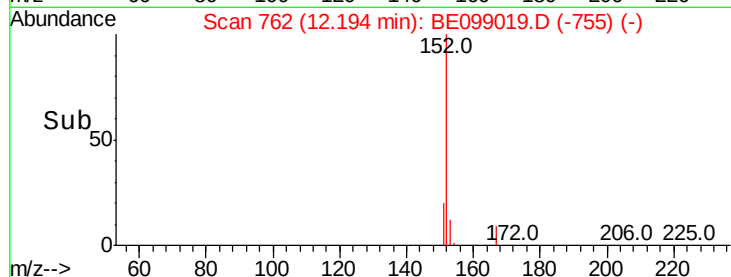
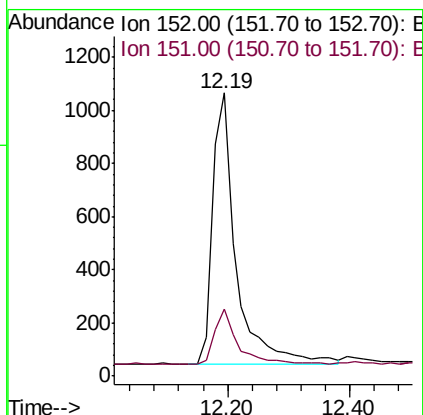
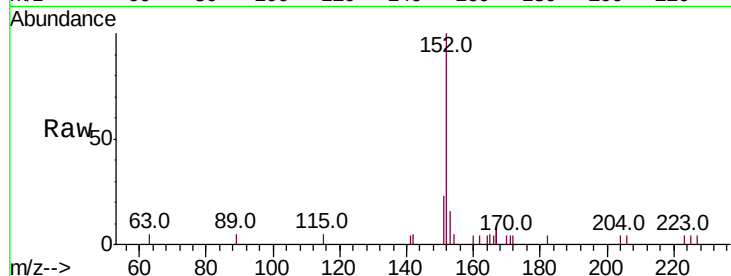




#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099019.D
Acq: 19 Mar 2019 2:59

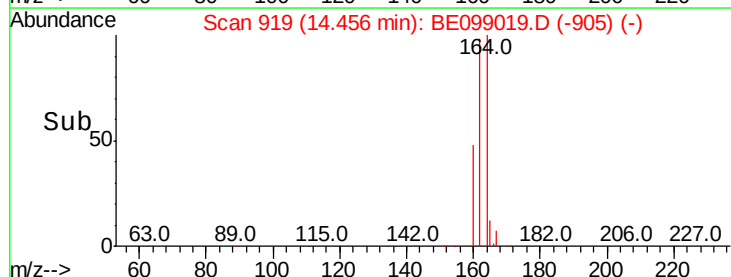
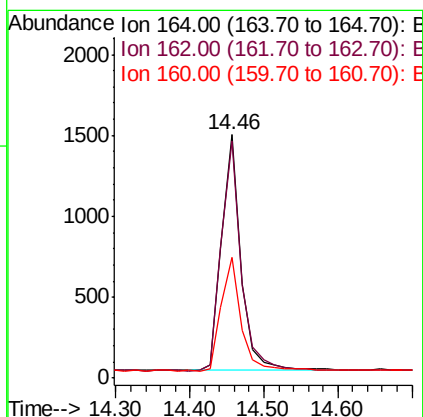
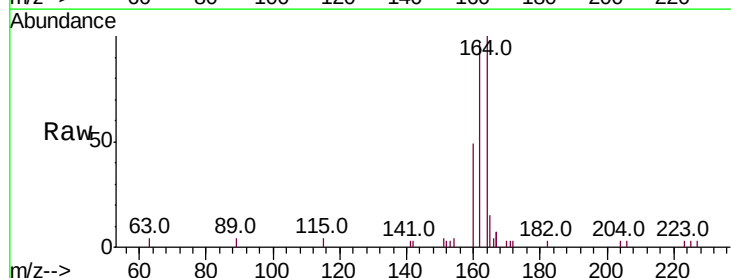
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190314

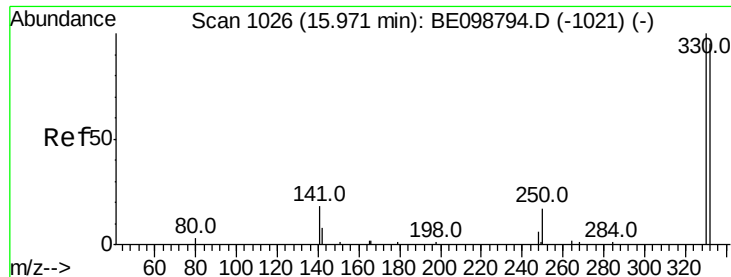
Tot Ion:152 Resp: 2689
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099019.D
Acq: 19 Mar 2019 2:59

Tgt Ion:164 Resp: 2654
Ion Ratio Lower Upper
164 100
162 97.5 80.2 120.2
160 49.4 37.8 56.8

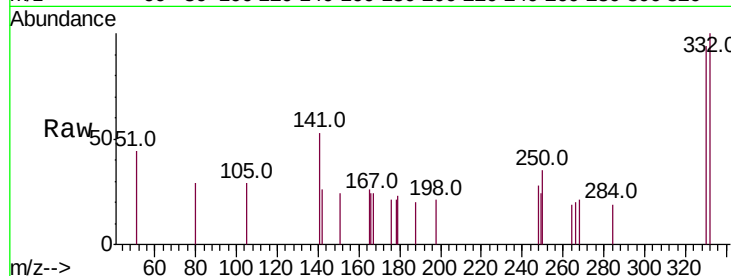




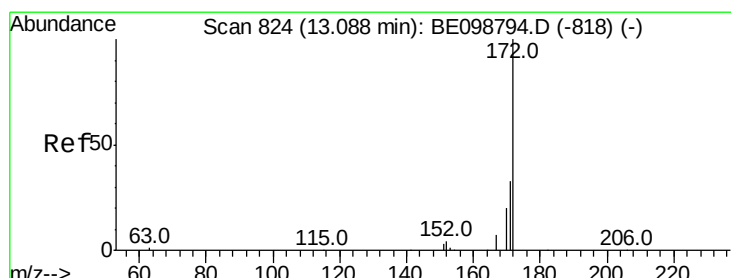
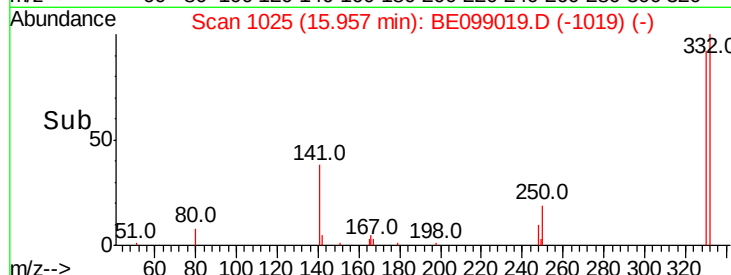
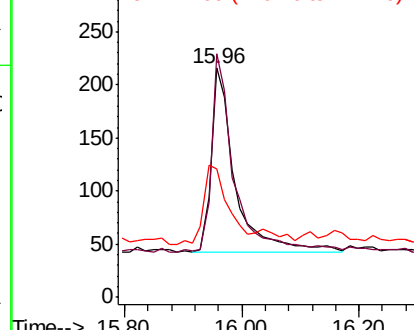
#14
 2,4,6-Tribromophenol
 Concen: 0.362 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099019.D
 Acq: 19 Mar 2019 2:59

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190314

Tot Ion:330 Resp: 485
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.6 116.4
 141 43.3 31.0 46.4

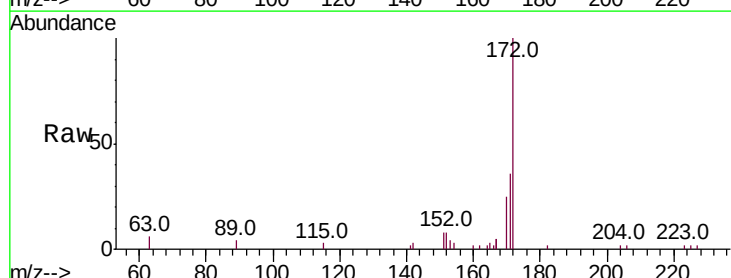


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

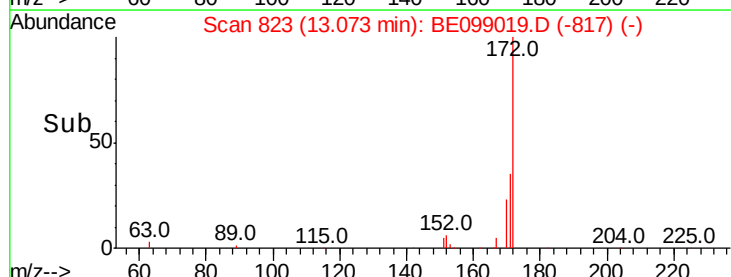
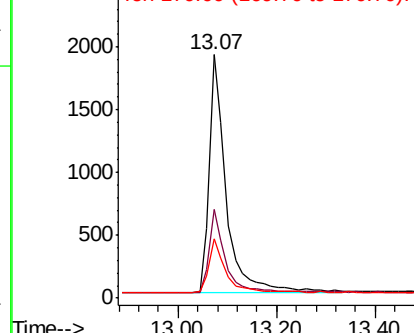


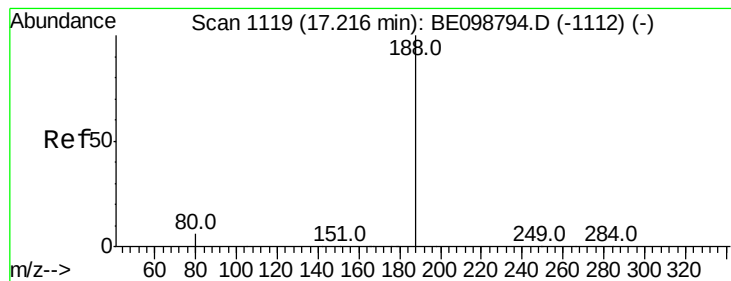
#15
 2-Fluorobiphenyl
 Concen: 0.410 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099019.D
 Acq: 19 Mar 2019 2:59

Tgt Ion:172 Resp: 4508
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.0 42.0
 170 24.6 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: BE099019.D

Acq: 19 Mar 2019 2:59

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190314

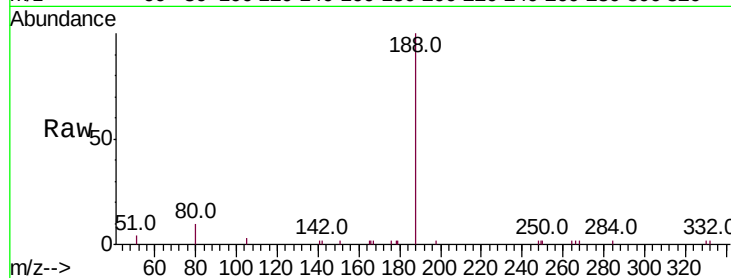
Tot Ion:188 Resp: 6883

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

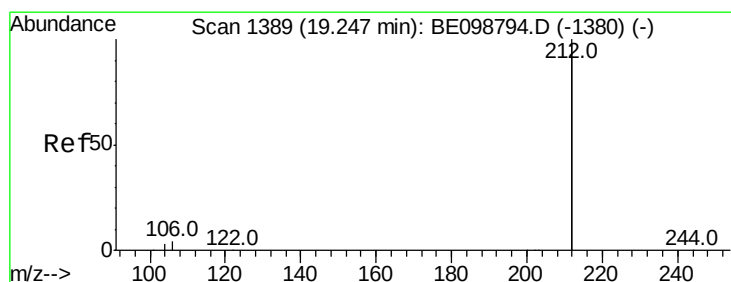
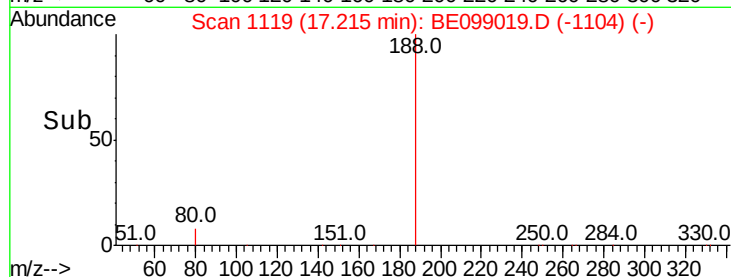
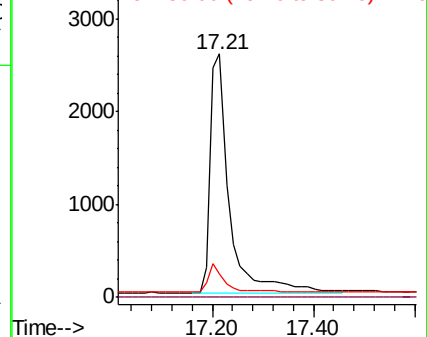
80 9.6 6.3 9.5#



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: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

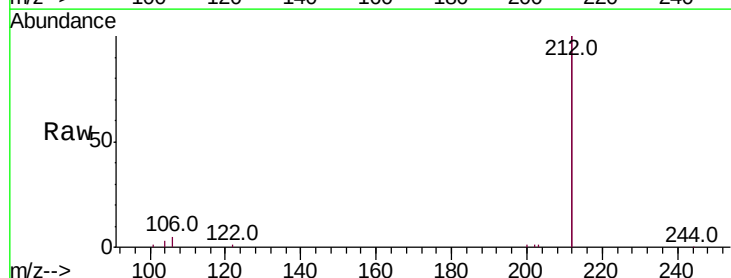
Tgt Ion:212 Resp: 37007

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

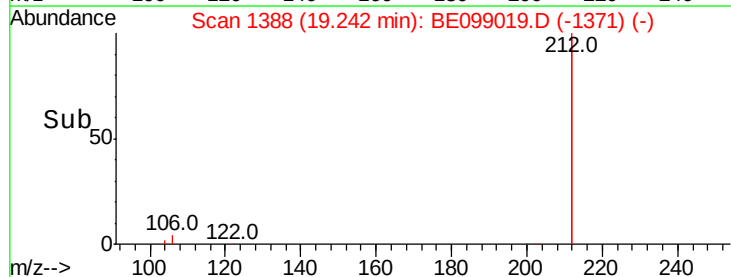
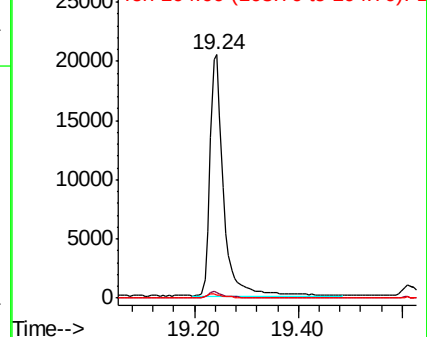
104 1.4 1.0 1.6

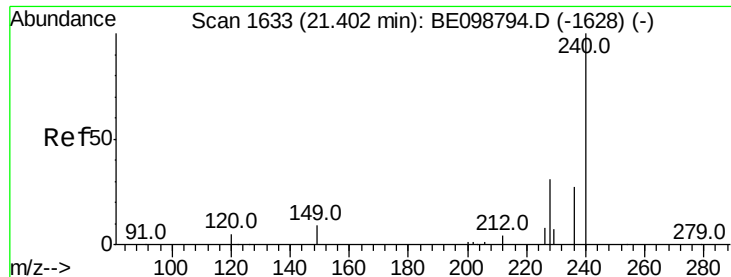


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1632

Delta R.T. -0.00 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

Instrument :

BNA_E

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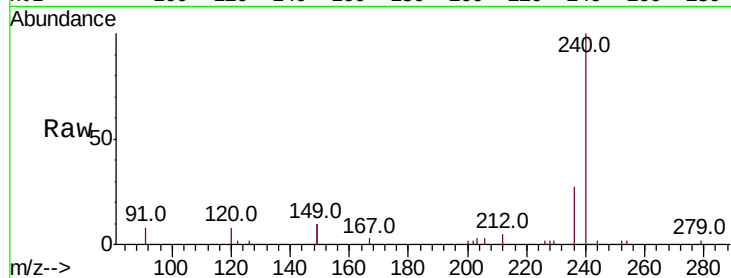
Tot Ion:240 Resp: 7444

Ion Ratio Lower Upper

240 100

120 7.5 5.0 7.4#

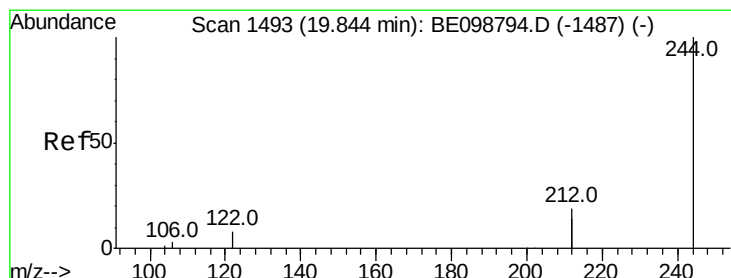
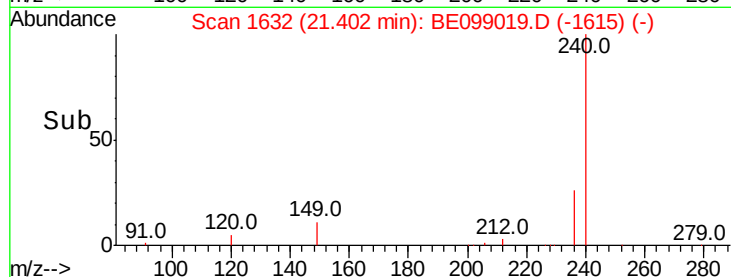
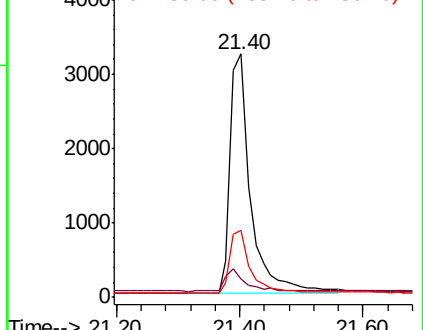
236 27.4 22.7 34.1



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: 0.385 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

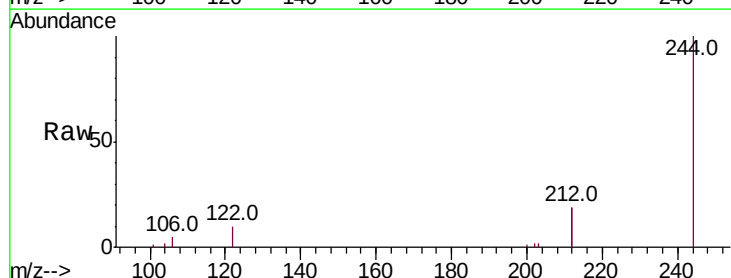
Tgt Ion:244 Resp: 6960

Ion Ratio Lower Upper

244 100

212 38.8 29.4 44.2

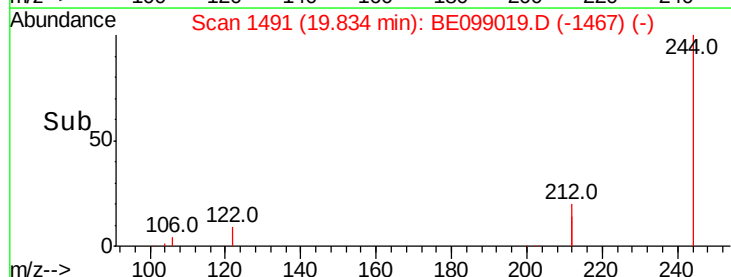
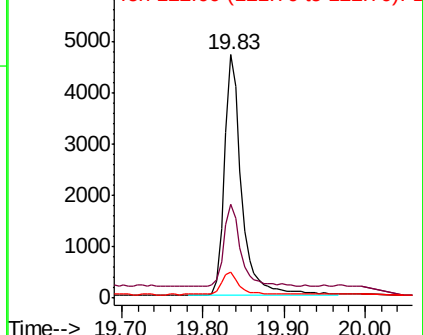
122 10.5 7.1 10.7

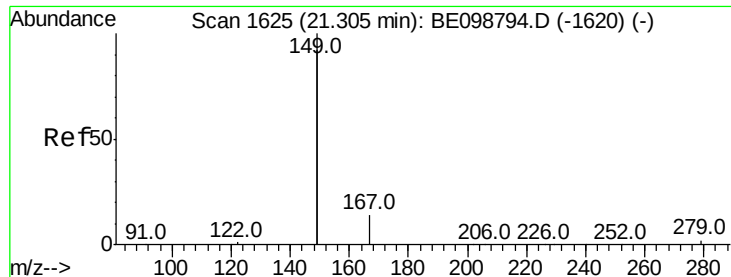


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190314

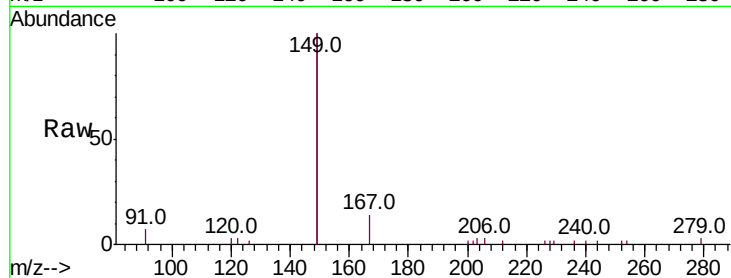
Tot Ion:149 Resp: 6769

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

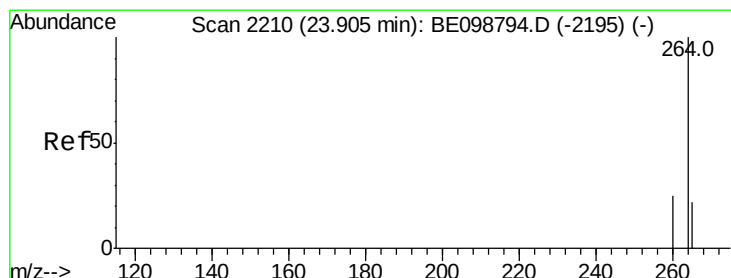
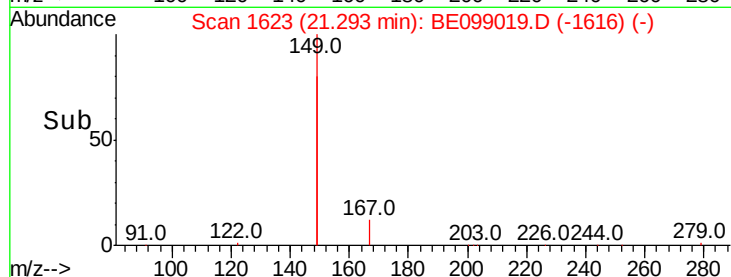
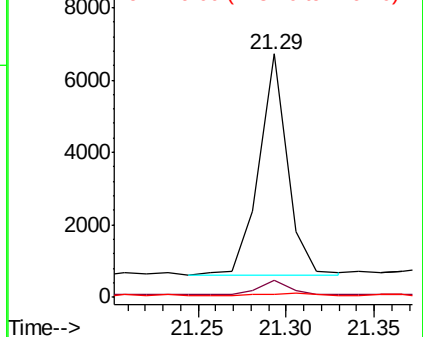
279 1.1 1.0 1.4



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: 23.89 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE099019.D

Acq: 19 Mar 2019 2:59

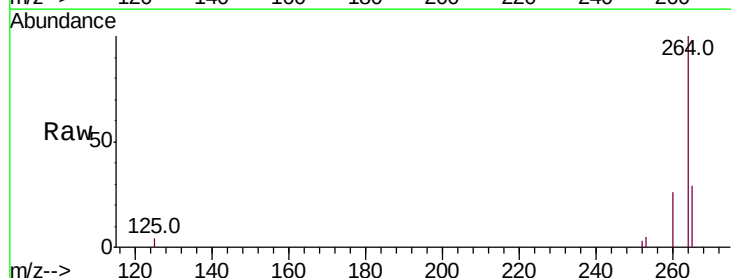
Tgt Ion:264 Resp: 6897

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

265 29.2 24.6 36.8



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

