

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099055.D
 Acq On : 20 Mar 2019 4:00
 Operator : JU/SJ
 Sample : K1965-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30212-20190315

Quant Time: Mar 20 05:13:31 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

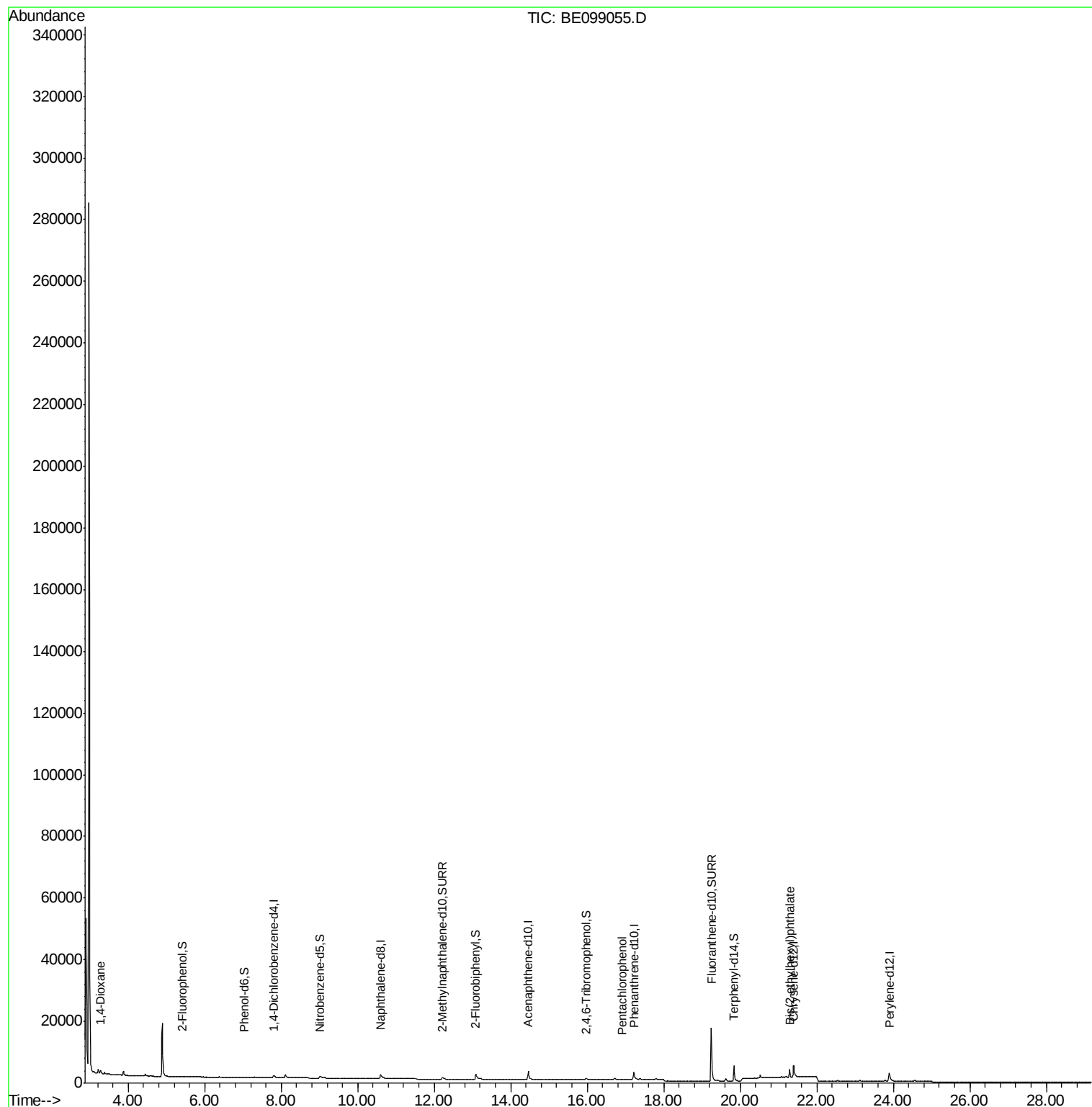
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	674	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3079	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2219	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5166	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6364	0.40	ng	0.00
34) Perylene-d12	23.89	264	5897	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	234	0.12	ng	0.03
5) Phenol-d6	7.03	99	138	0.05	ng	0.05
8) Nitrobenzene-d5	9.02	82	1069	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1982	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	372	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3617	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	30701	0.37	ng	0.00
29) Terphenyl-d14	19.83	244	5640	0.36	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	772	0.640	ng	# 71
22) Pentachlorophenol	16.92	266	21	0.283	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.29	149	3136	0.074	ng	# 98

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

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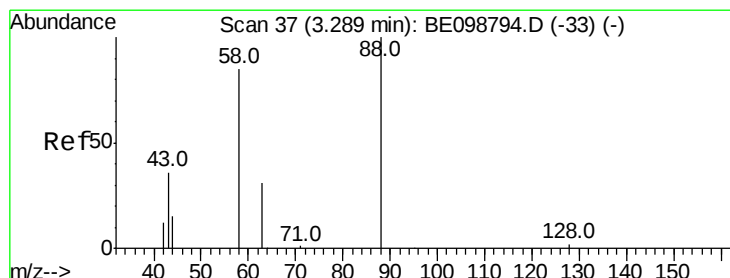
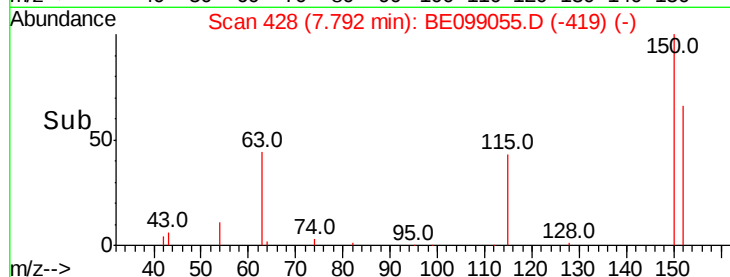
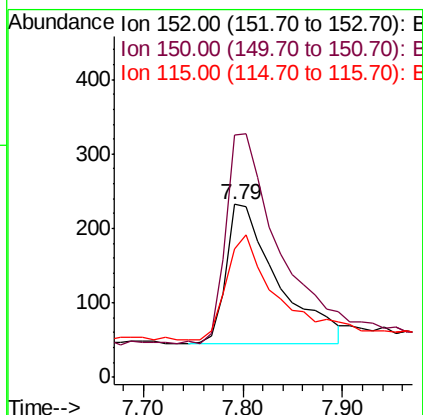
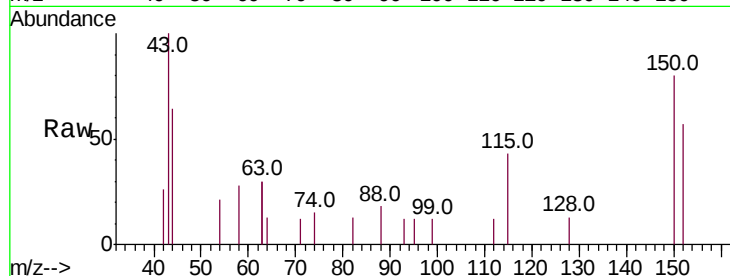


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099055.D
Acq: 20 Mar 2019 4:00

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30212-20190315

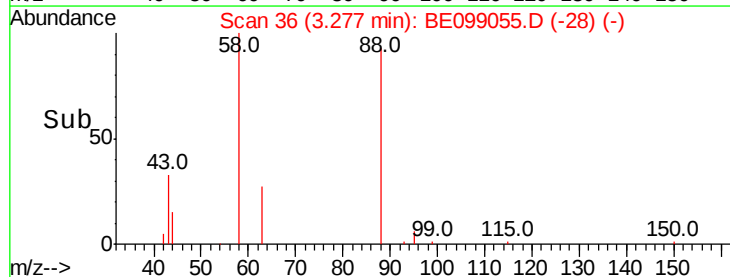
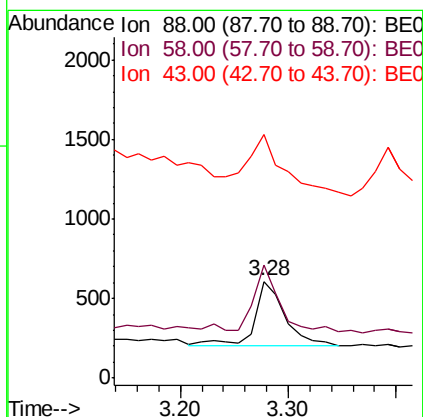
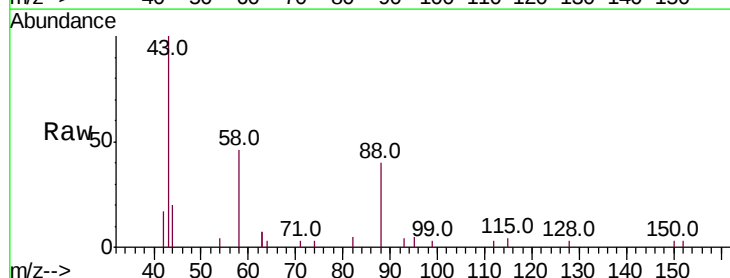
Tot Ion:152 Resp: 674
Ion Ratio Lower Upper
152 100
150 140.5 122.5 183.7
115 74.6 57.4 86.2



#2

1,4-Dioxane
Concen: 0.640 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099055.D
Acq: 20 Mar 2019 4:00

Tgt Ion: 88 Resp: 772
Ion Ratio Lower Upper
88 100
58 87.8 75.8 113.6
43 100.4 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.03 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30212-20190315

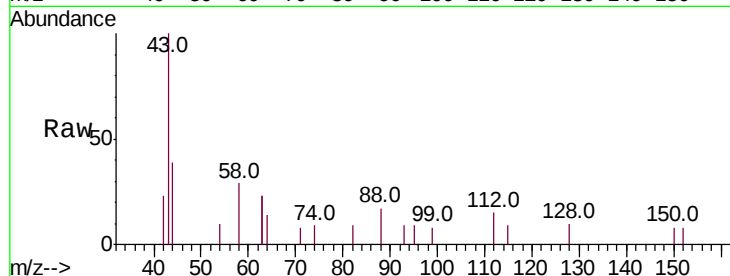
Tot Ion:112 Resp: 234

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

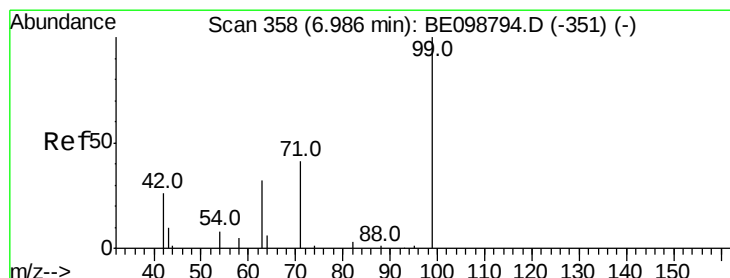
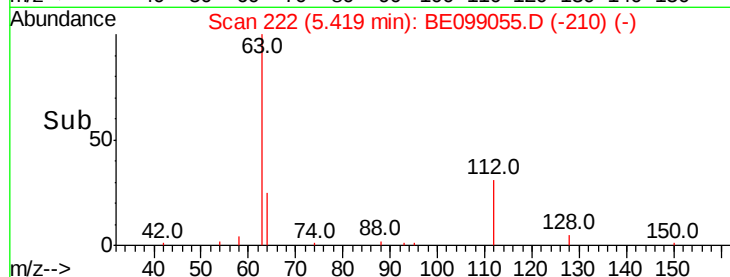
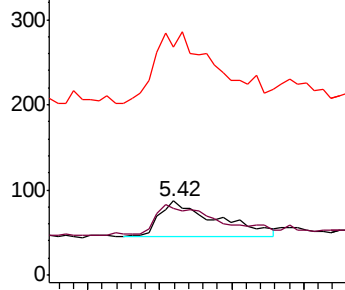
63 208.5 158.3 237.5



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: 0.048 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

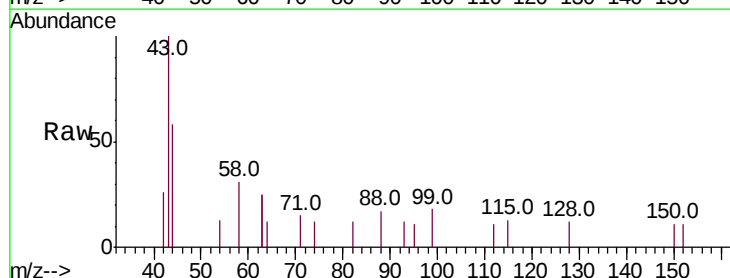
Tgt Ion: 99 Resp: 138

Ion Ratio Lower Upper

99 100

42 39.9 24.2 36.2#

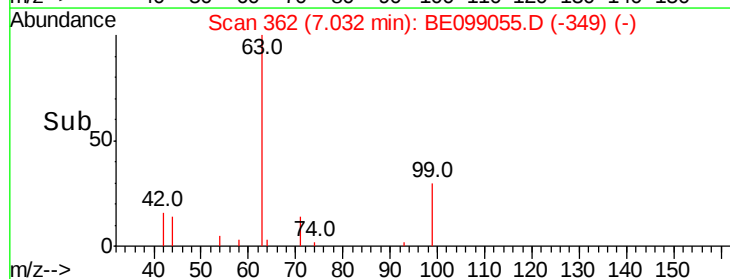
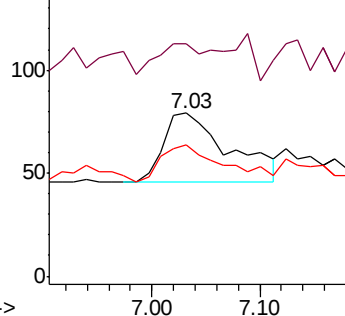
71 46.4 35.7 53.5



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: BE099055.D

Acq: 20 Mar 2019 4:00

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30212-20190315

Tot Ion:136 Resp: 3079

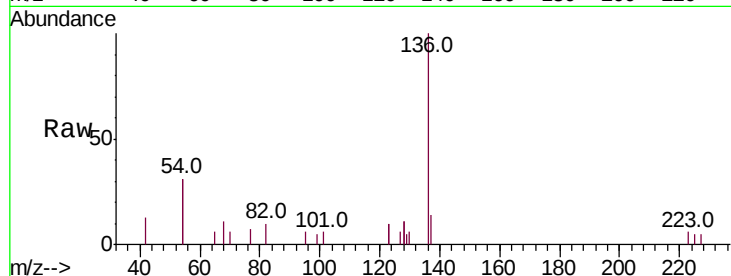
Ion Ratio Lower Upper

136 100

137 14.3 11.4 17.0

54 62.8 39.3 58.9#

68 11.4 6.7 10.1#

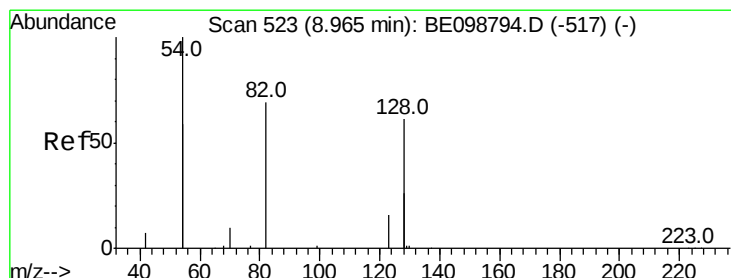
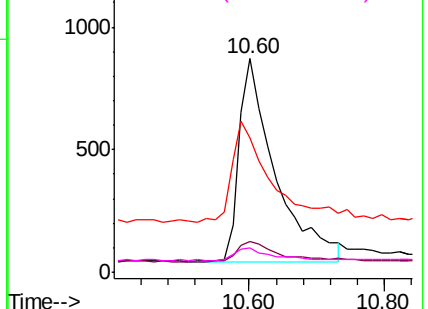
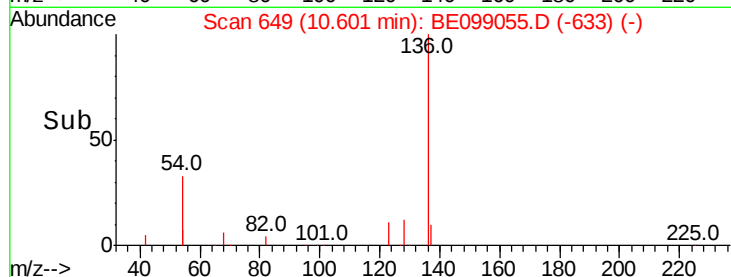


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

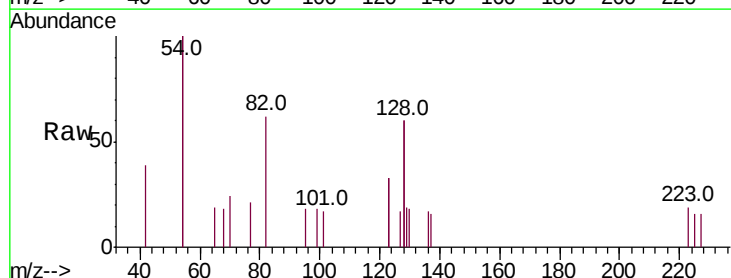
Tgt Ion: 82 Resp: 1069

Ion Ratio Lower Upper

82 100

128 194.1 123.8 185.8#

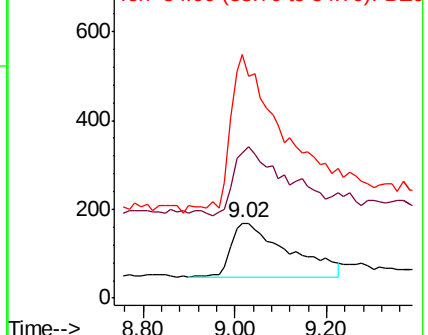
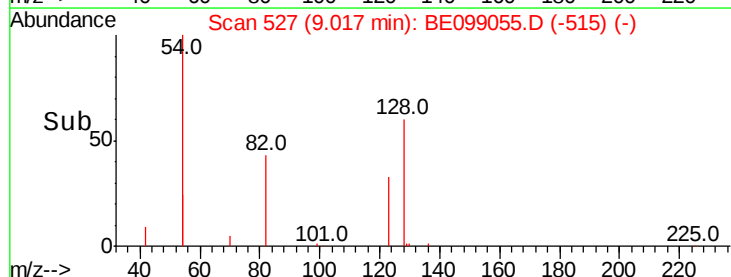
54 324.3 203.4 305.2#

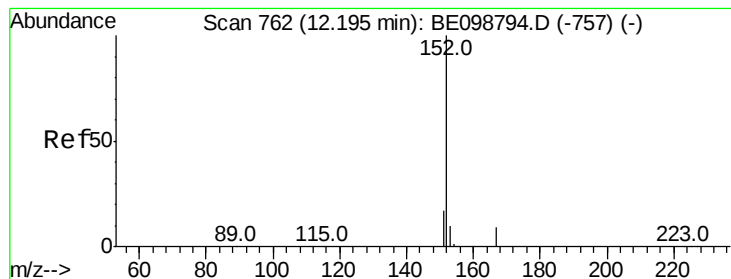


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.348 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

Instrument :

BNA_E

ClientSampleId :

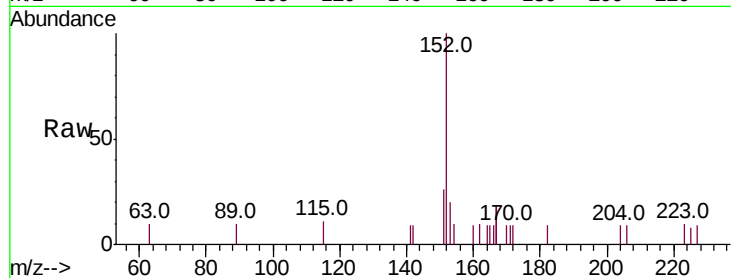
BPS1-TT-MW30212-20190315

Tot Ion:152 Resp: 1982

Ion Ratio Lower Upper

152 100

151 18.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

600

500

400

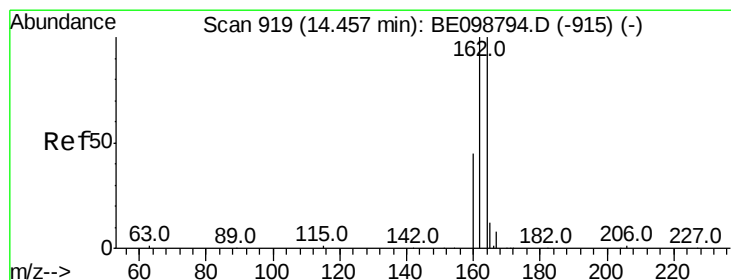
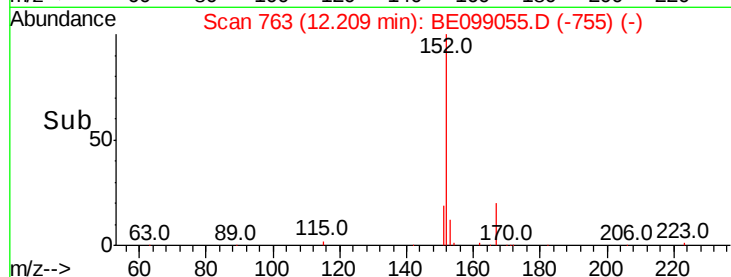
300

200

100

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

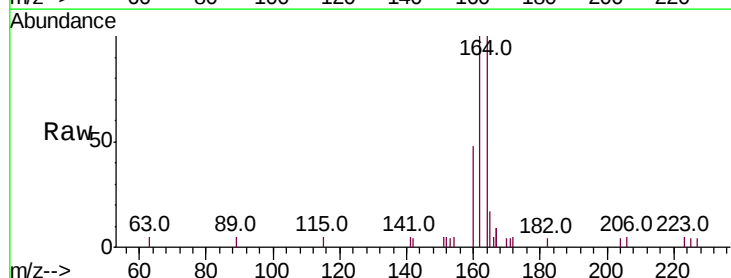
Tgt Ion:164 Resp: 2219

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

160 48.1 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

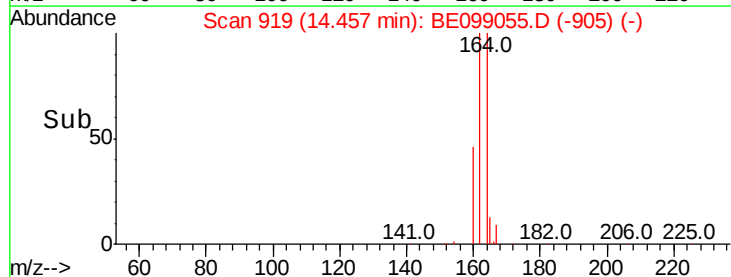
14.46

1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.332 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30212-20190315

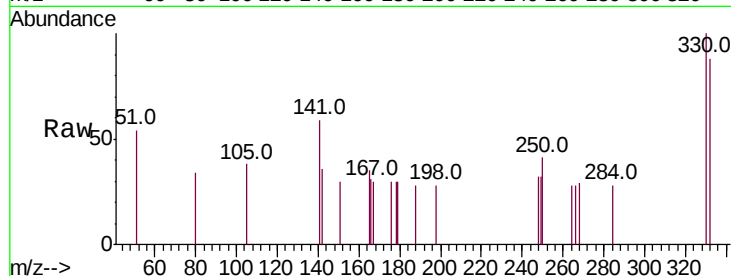
Tot Ion:330 Resp: 372

Ion Ratio Lower Upper

330 100

332 89.5 77.6 116.4

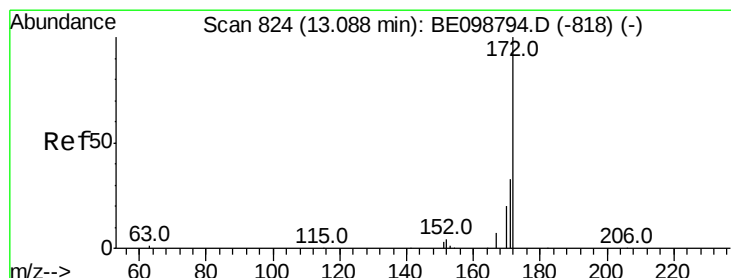
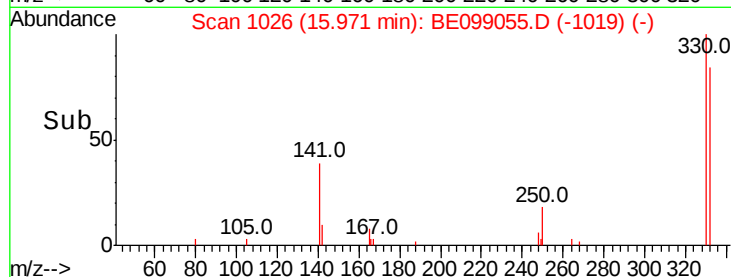
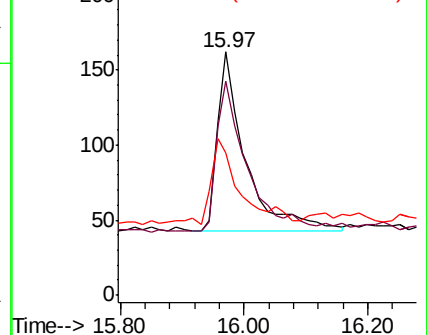
141 41.9 31.0 46.4



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: 0.394 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

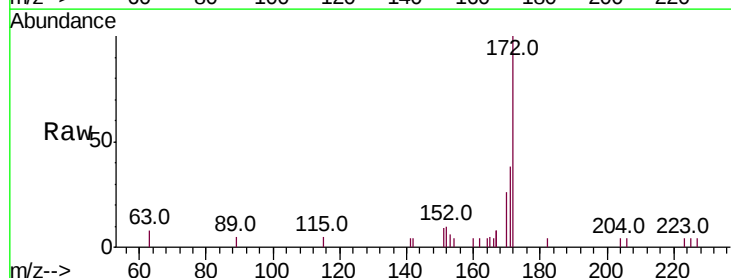
Tgt Ion:172 Resp: 3617

Ion Ratio Lower Upper

172 100

171 37.6 28.0 42.0

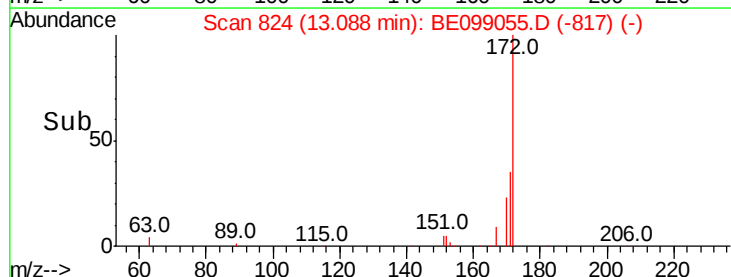
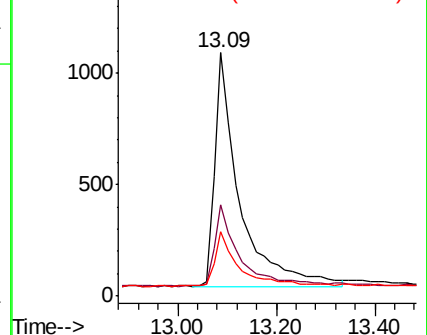
170 26.4 17.7 26.5

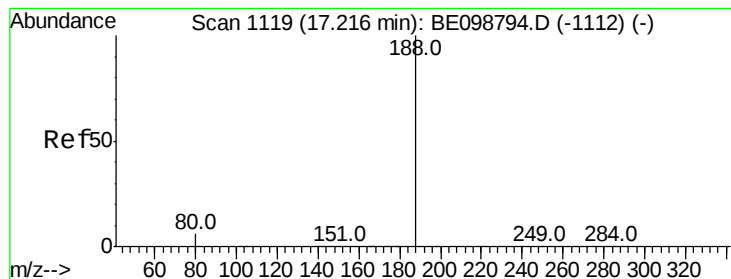


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

Instrument :

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ClientSampleId :

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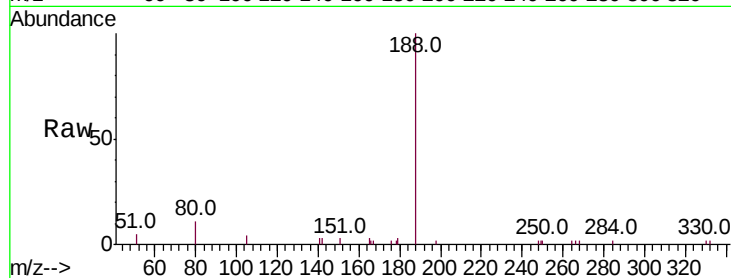
Tot Ion:188 Resp: 5166

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

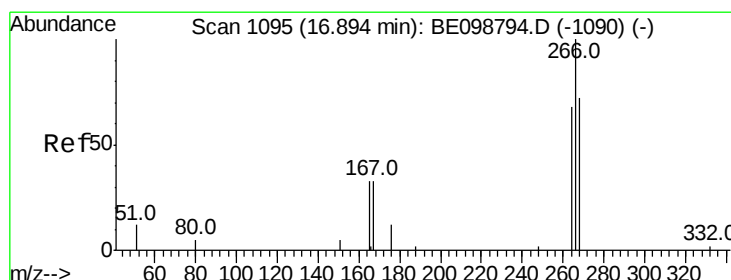
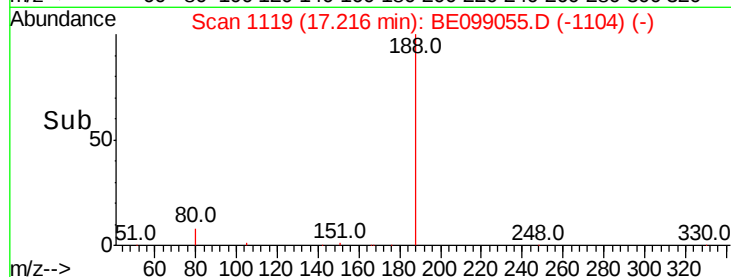
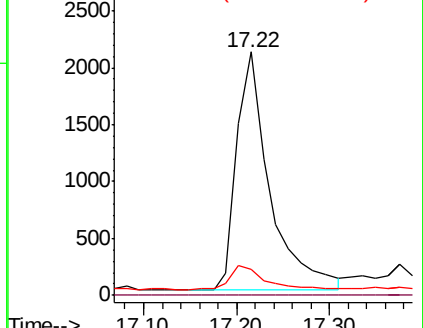
80 10.8 6.3 9.5#



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



#22

Pentachlorophenol

Concen: 0.283 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

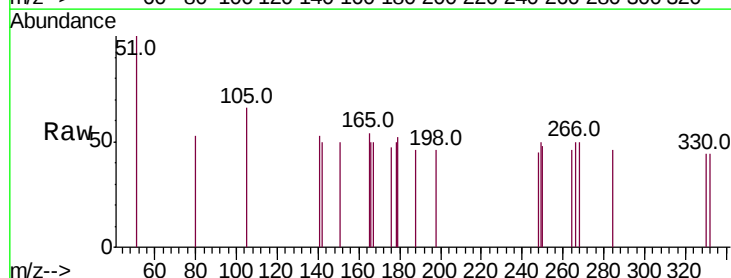
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 92.0 66.6 100.0

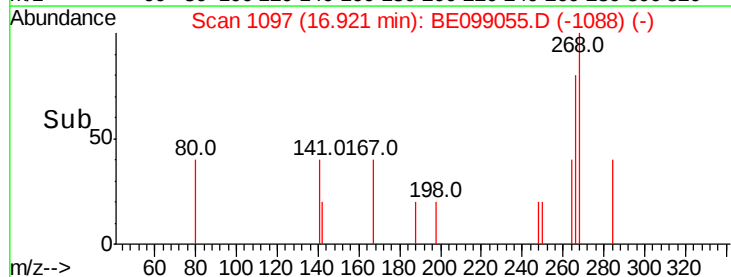
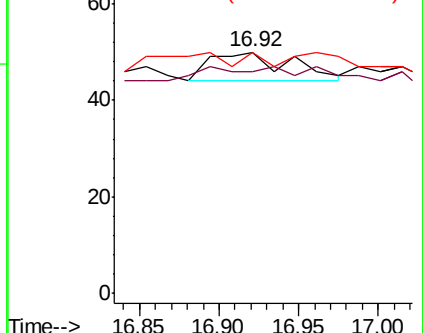
268 100.0 69.8 104.8

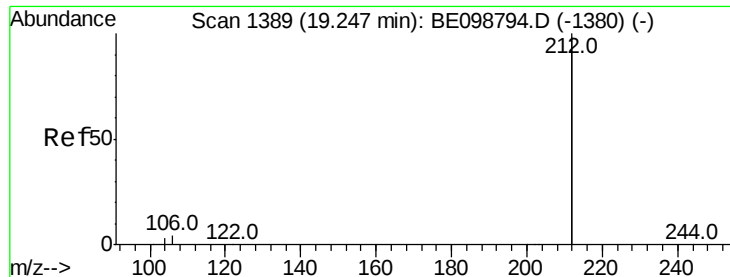


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

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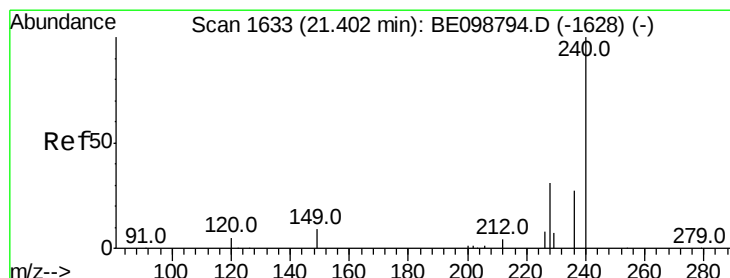
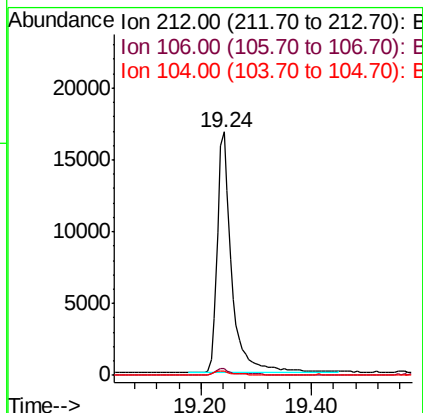
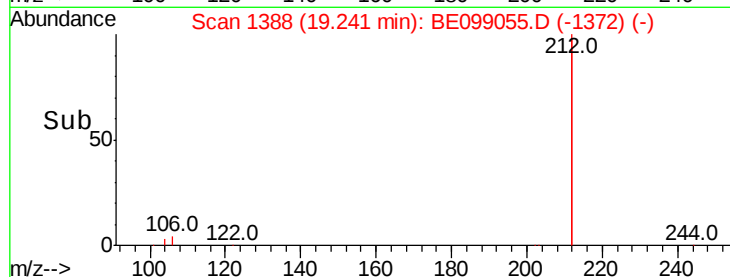
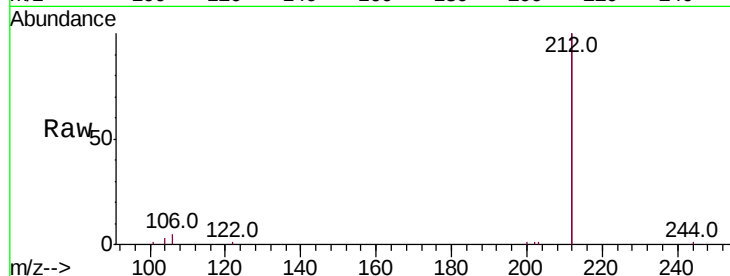
Tot Ion:212 Resp: 30701

Ion Ratio Lower Upper

212 100

106 2.5 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: BE099055.D

Acq: 20 Mar 2019 4:00

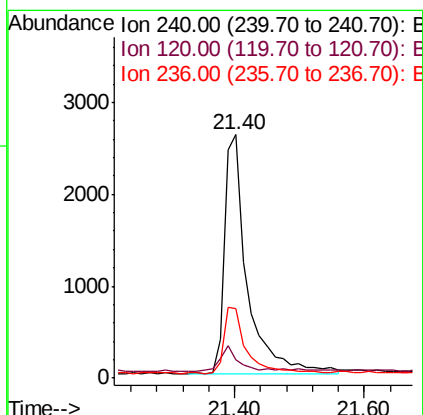
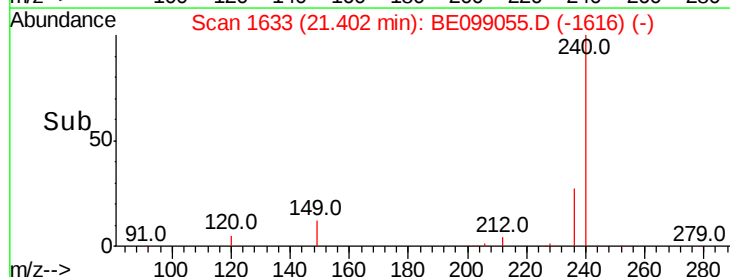
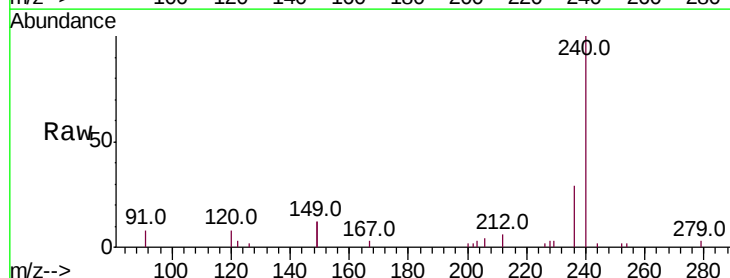
Tgt Ion:240 Resp: 6364

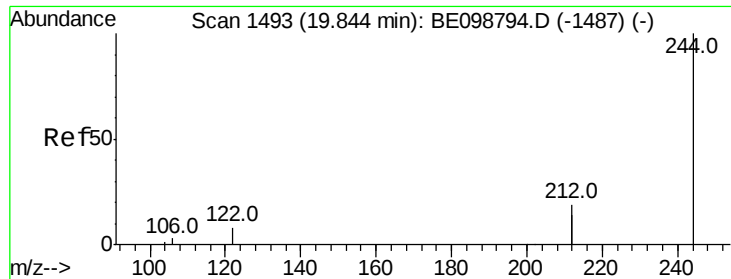
Ion Ratio Lower Upper

240 100

120 7.6 5.0 7.4#

236 28.5 22.7 34.1





#29

Terphenyl-d14

Concen: 0.365 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

Instrument :

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ClientSampleId :

BPS1-TT-MW30212-20190315

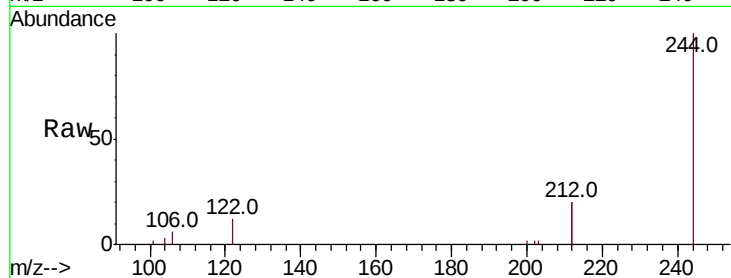
Tot Ion:244 Resp: 5640

Ion Ratio Lower Upper

244 100

212 39.3 29.4 44.2

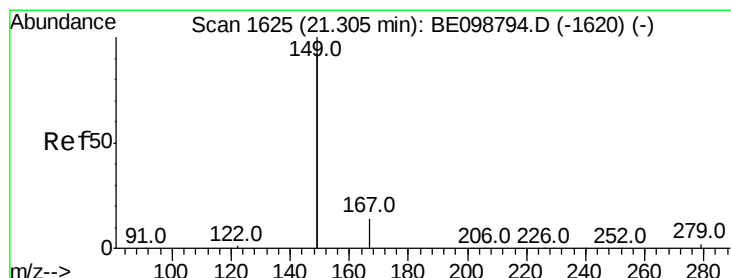
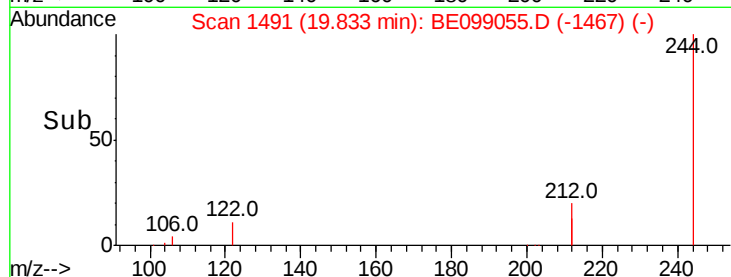
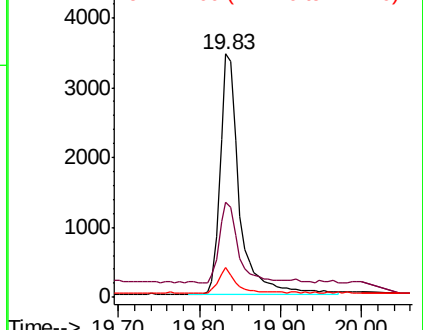
122 12.3 7.1 10.7#



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: 0.074 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099055.D

Acq: 20 Mar 2019 4:00

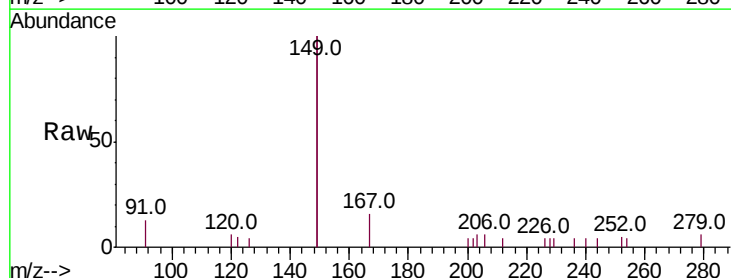
Tgt Ion:149 Resp: 3136

Ion Ratio Lower Upper

149 100

167 7.5 5.4 8.0

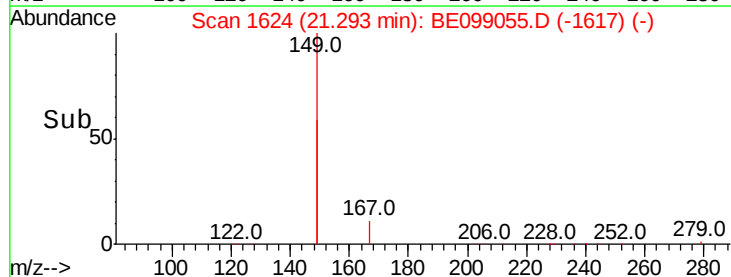
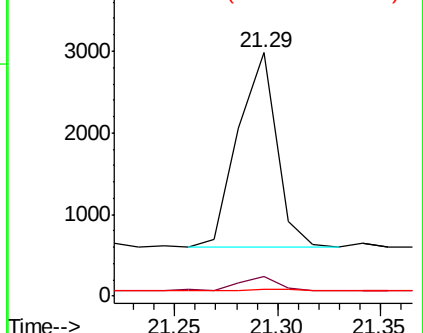
279 2.0 1.0 1.4#

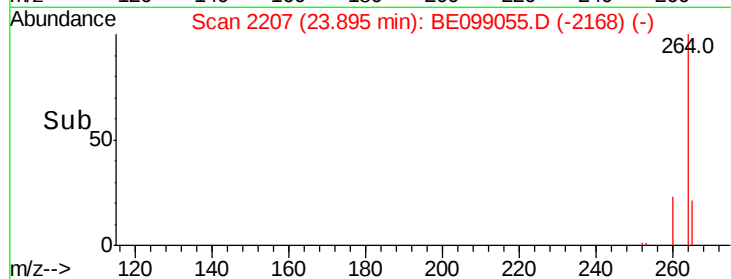
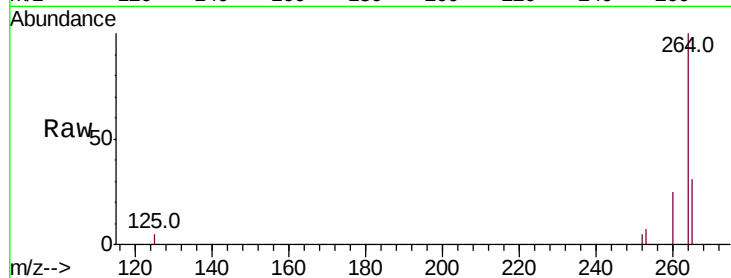


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE099055.D
 Acq: 20 Mar 2019 4:00

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30212-20190315

Tot Ion:	264	Resp:	5897
Ion Ratio	Lower	Upper	
264	100		
260	24.7	21.2	31.8
265	30.9	24.6	36.8

