

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099006.D
 Acq On : 18 Mar 2019 18:26
 Operator : JU/SJ
 Sample : K1937-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303D-20190313

Quant Time: Mar 19 02:29:48 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

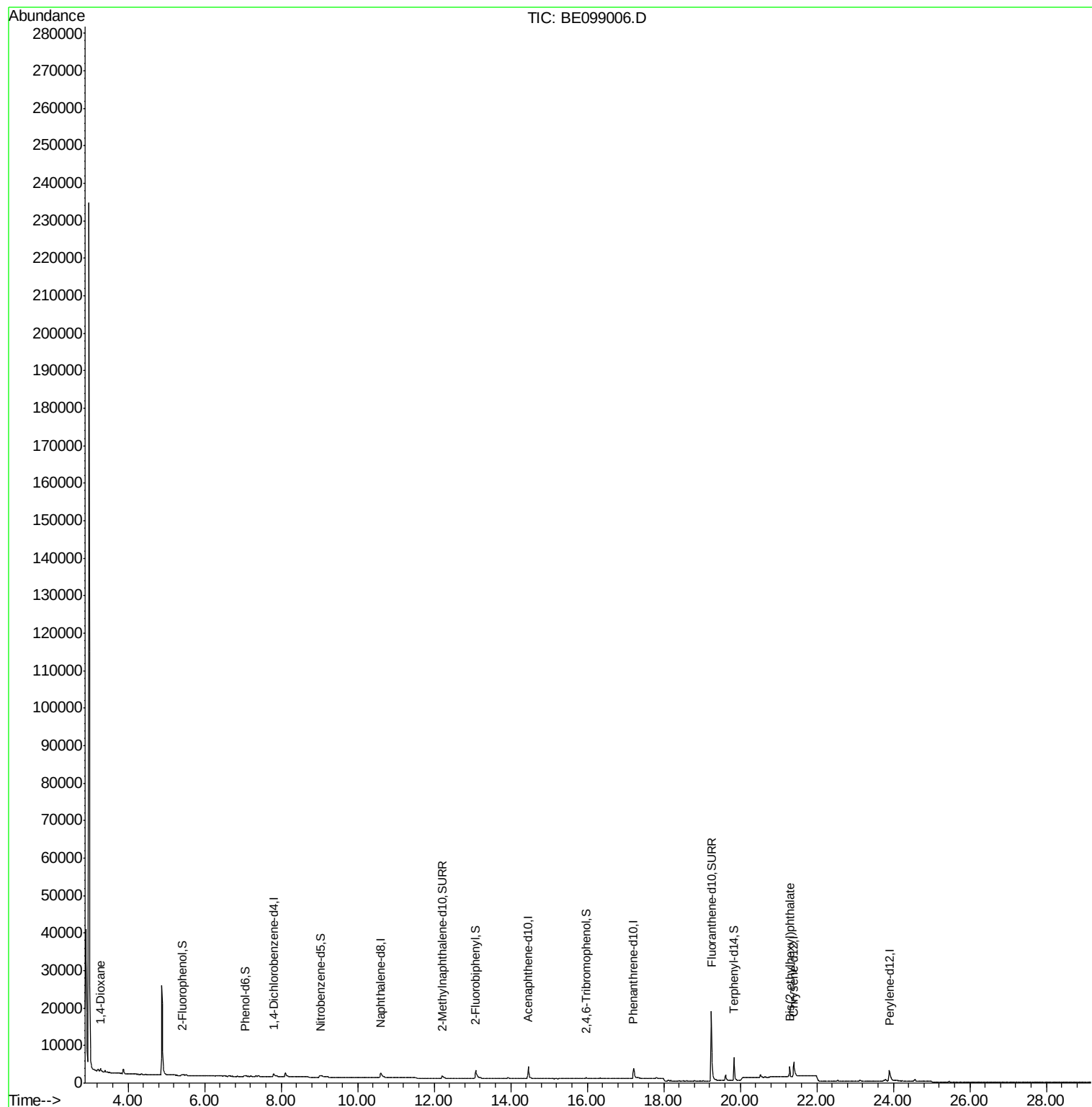
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	665	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3212	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2435	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5550	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6424	0.40	ng	0.00
34) Perylene-d12	23.90	264	5665	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	344	0.17	ng	0.03
5) Phenol-d6	7.05	99	201	0.07	ng	0.06
8) Nitrobenzene-d5	9.03	82	1016	0.30	ng	0.06
11) 2-Methylnaphthalene-d10	12.21	152	2318	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	345	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4262	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	33906	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	6878	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	482	0.366	ng	Qvalue # 78
32) Bis(2-ethylhexyl)phthalate	21.29	149	3177	0.074	ng	100

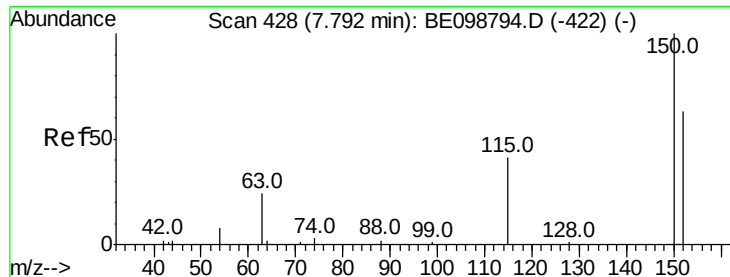
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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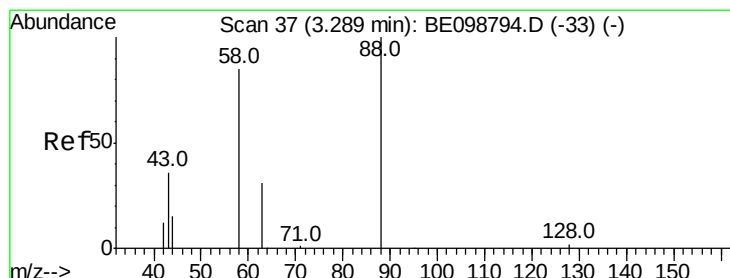
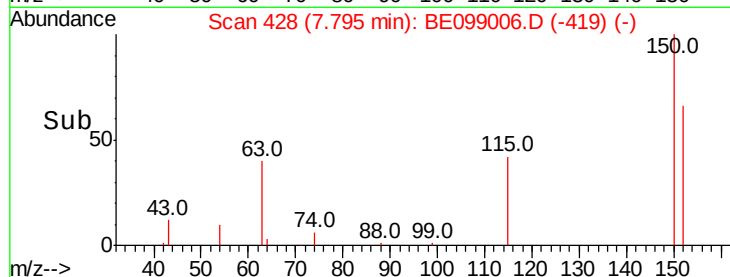
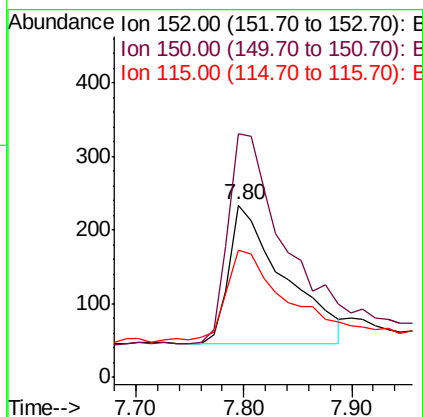
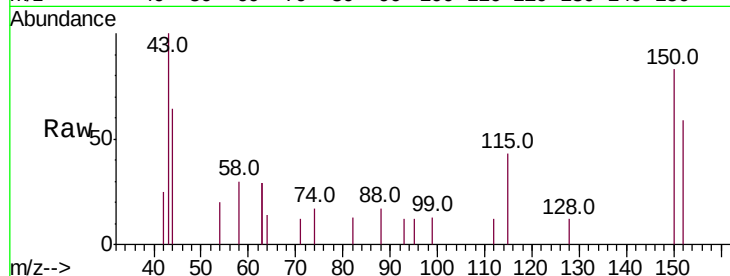


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303D-20190313

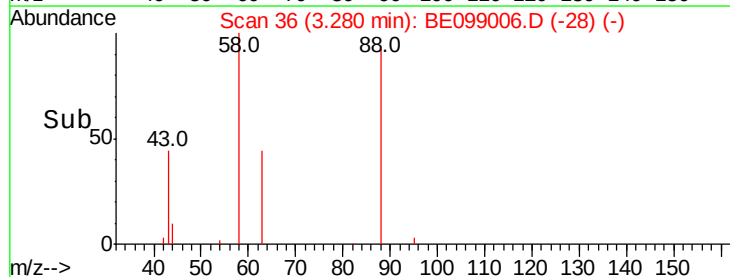
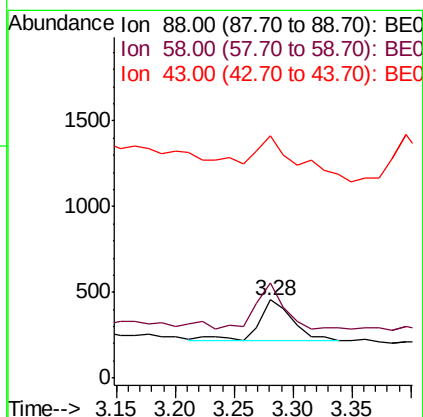
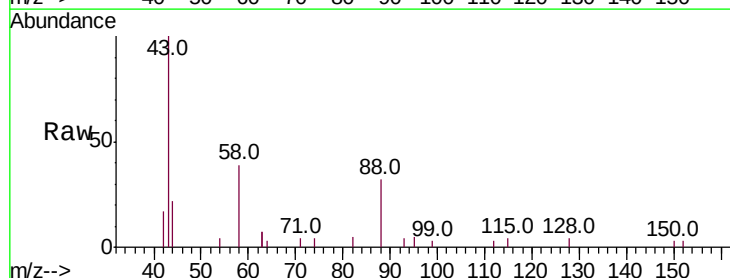
Tot Ion:152 Resp: 665
Ion Ratio Lower Upper
152 100
150 141.5 122.5 183.7
115 73.5 57.4 86.2

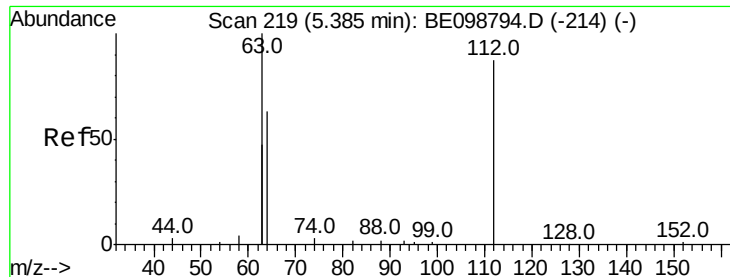


#2

1,4-Dioxane
Concen: 0.366 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

Tgt Ion: 88 Resp: 482
Ion Ratio Lower Upper
88 100
58 92.9 75.8 113.6
43 92.9 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

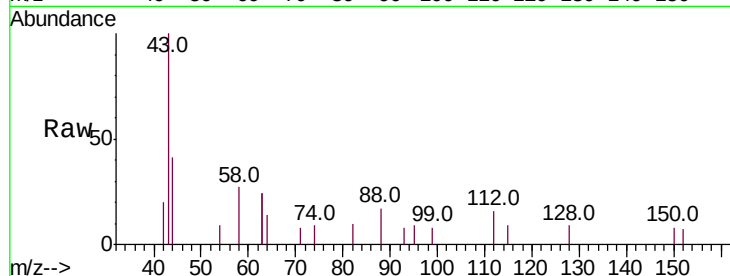
Tot Ion:112 Resp: 344

Ion Ratio Lower Upper

112 100

64 68.0 57.9 86.9

63 188.4 158.3 237.5



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

400

300

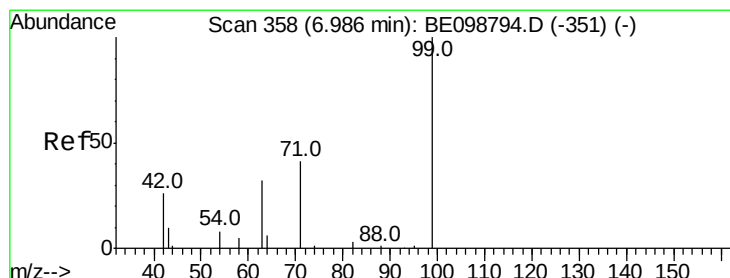
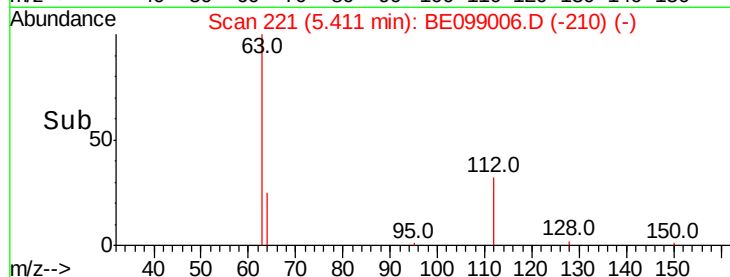
200

100

0

5.30 5.40 5.50 5.60 5.70

Time-->



#5

Phenol-d6

Concen: 0.072 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

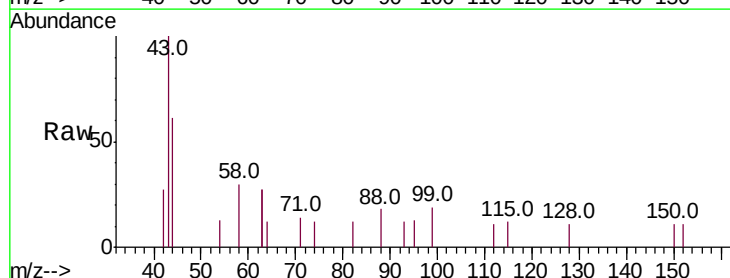
Tgt Ion: 99 Resp: 201

Ion Ratio Lower Upper

99 100

42 58.2 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

150

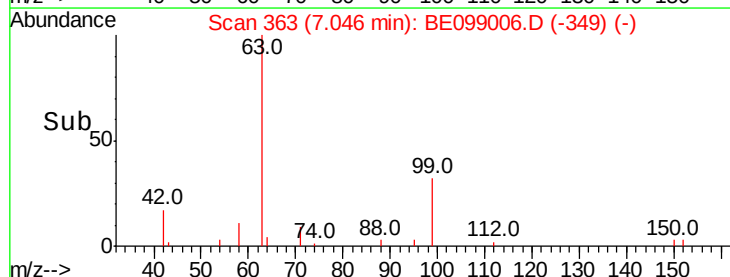
100

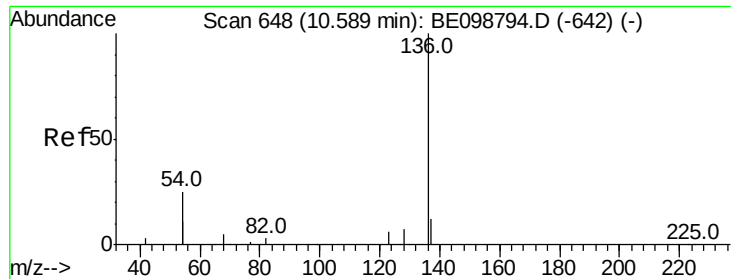
50

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

Tot Ion:136 Resp: 3212

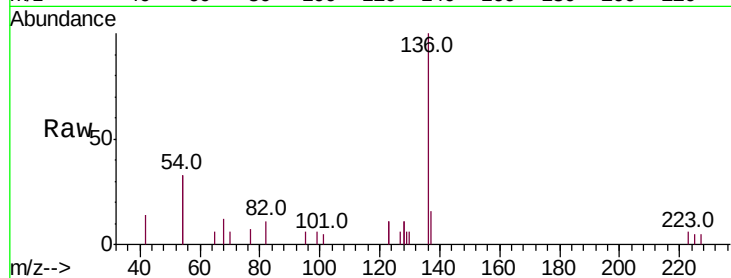
Ion Ratio Lower Upper

136 100

137 16.5 11.4 17.0

54 65.7 39.3 58.9#

68 12.1 6.7 10.1#

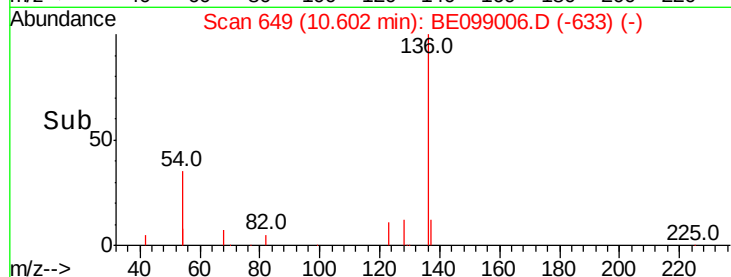


Abundance Ion 136.00 (135.70 to 136.70): E

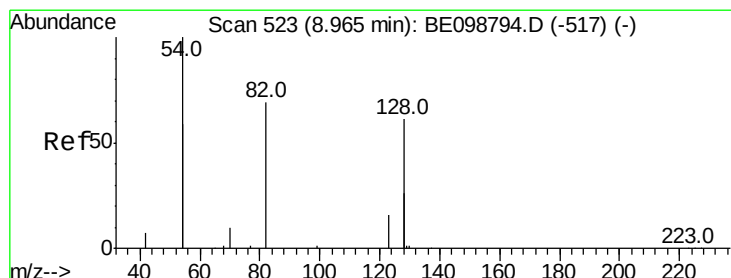
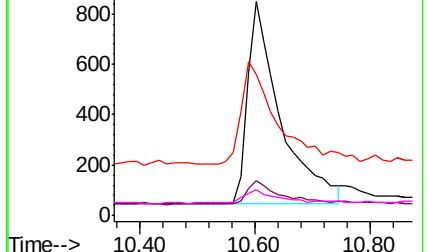
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.302 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

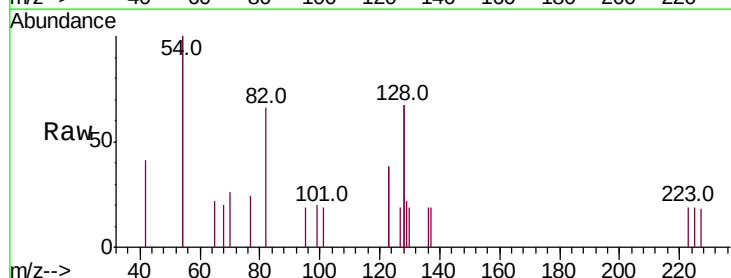
Tgt Ion: 82 Resp: 1016

Ion Ratio Lower Upper

82 100

128 203.8 123.8 185.8#

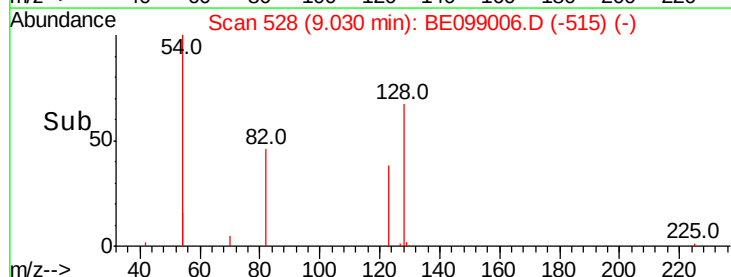
54 302.5 203.4 305.2



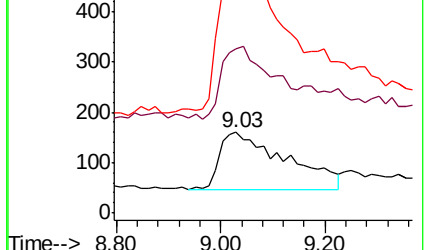
Abundance Ion 82.00 (81.70 to 82.70): BE0

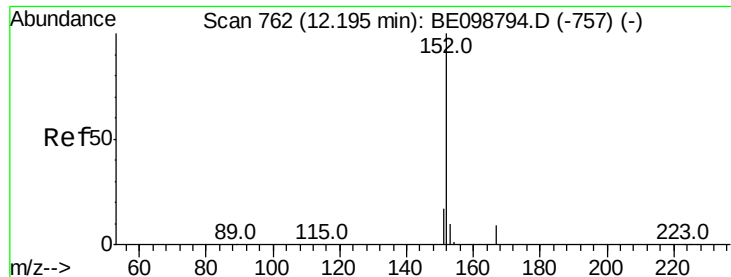
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->

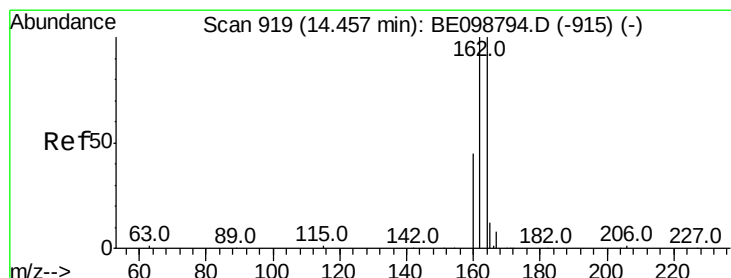
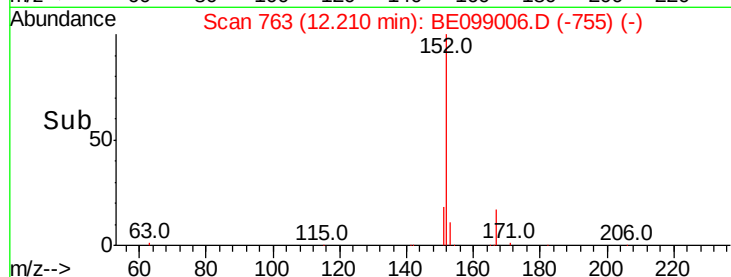
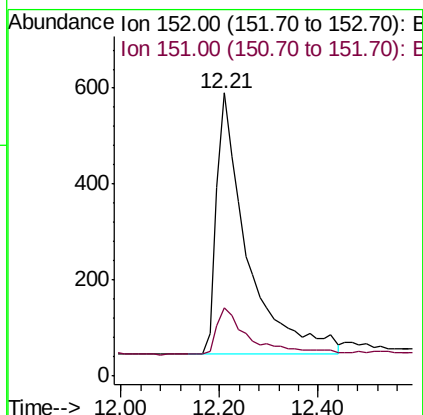
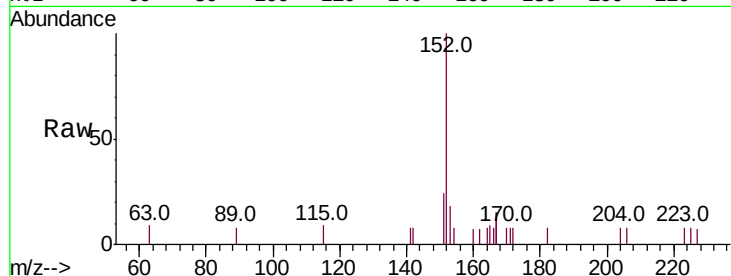




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

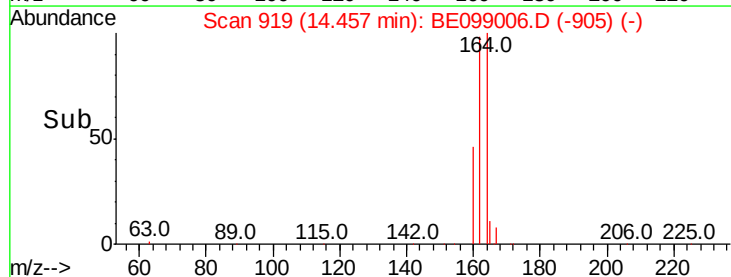
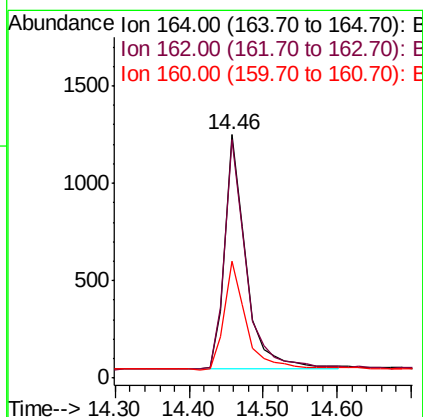
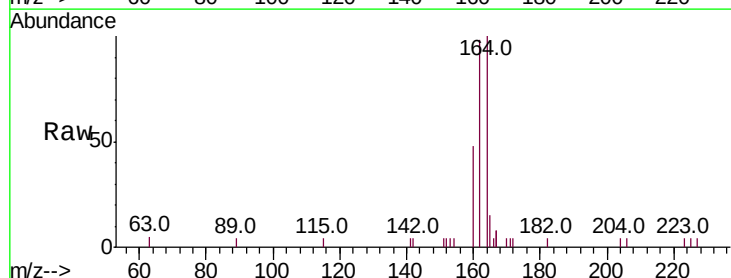
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303D-20190313

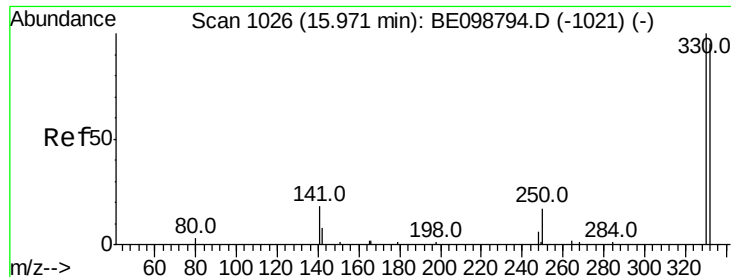
Tot Ion:152 Resp: 2318
Ion Ratio Lower Upper
152 100
151 17.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

Tgt Ion:164 Resp: 2435
Ion Ratio Lower Upper
164 100
162 98.1 80.2 120.2
160 47.8 37.8 56.8

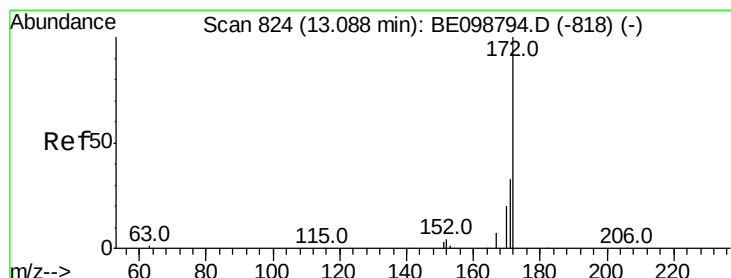
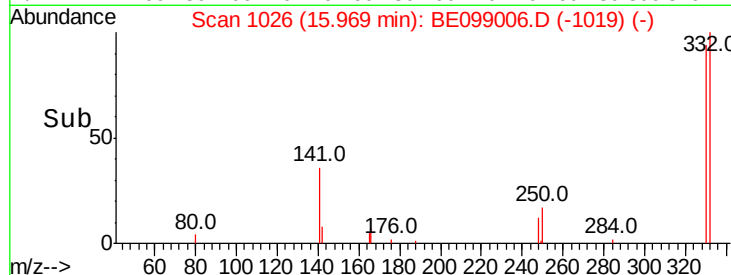
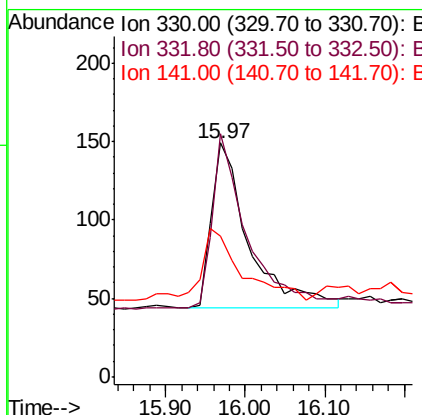
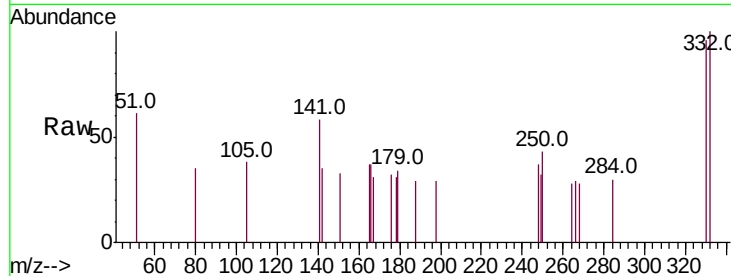




#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

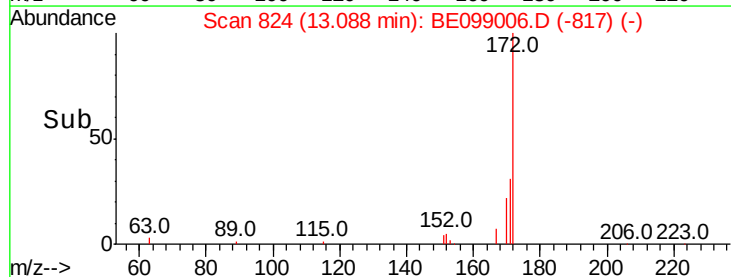
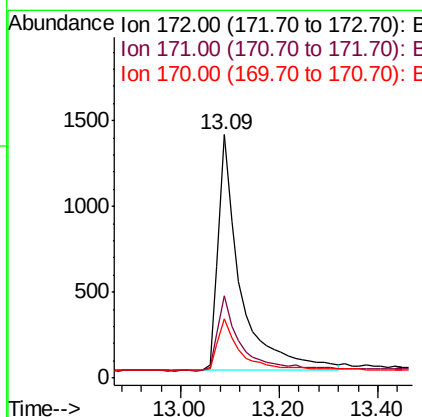
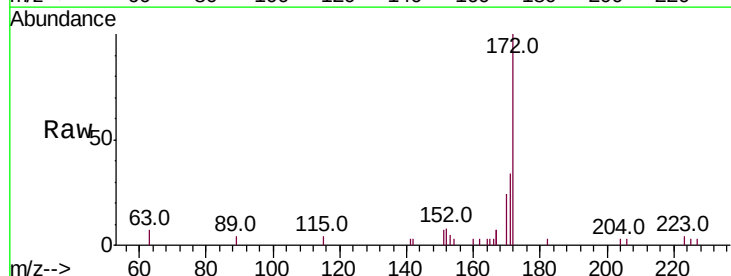
Instrument :
BNA_E
ClientSampleId :
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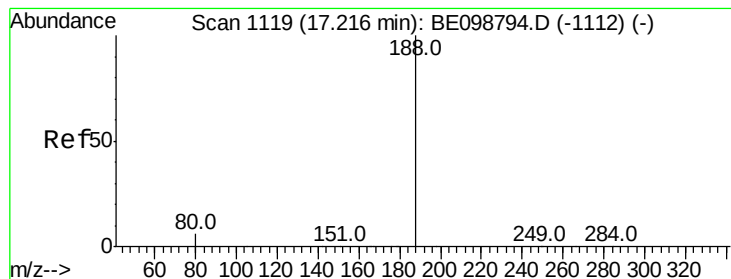
Tot Ion:330 Resp: 345
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 44.6 31.0 46.4



#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099006.D
Acq: 18 Mar 2019 18:26

Tgt Ion:172 Resp: 4262
Ion Ratio Lower Upper
172 100
171 33.6 28.0 42.0
170 24.5 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: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303D-20190313

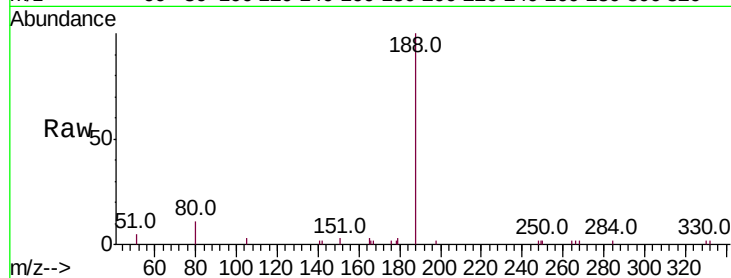
Tot Ion:188 Resp: 5550

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

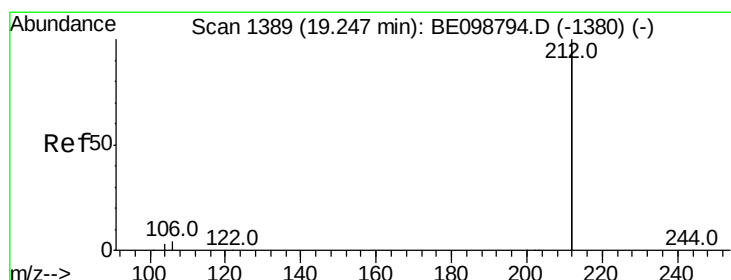
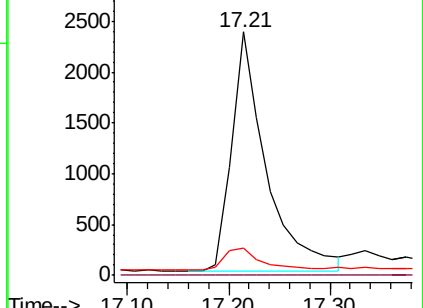
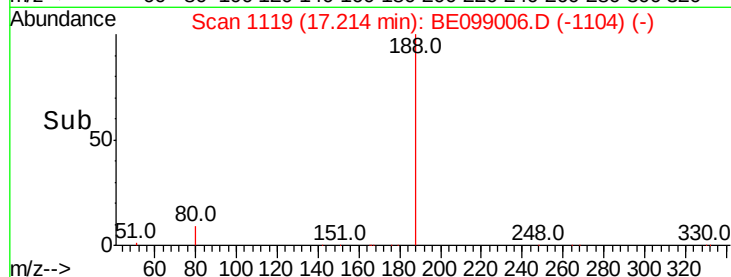
80 11.2 6.3 9.5#



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: 0.383 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

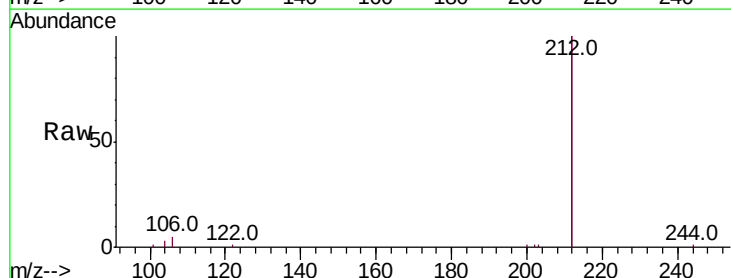
Tgt Ion:212 Resp: 33906

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

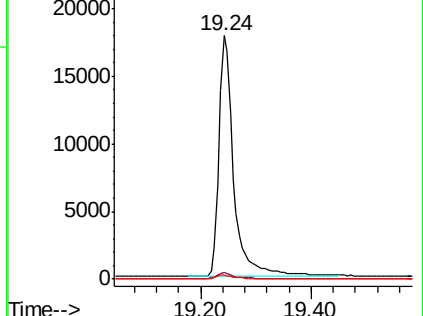
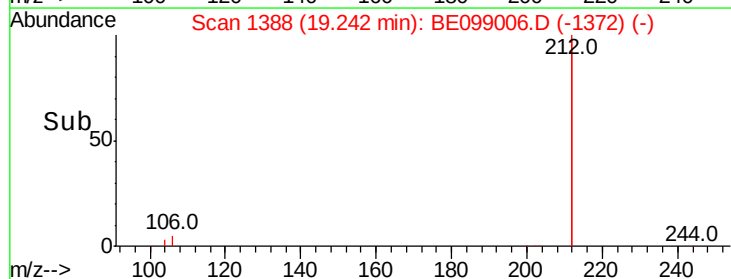
104 1.4 1.0 1.6

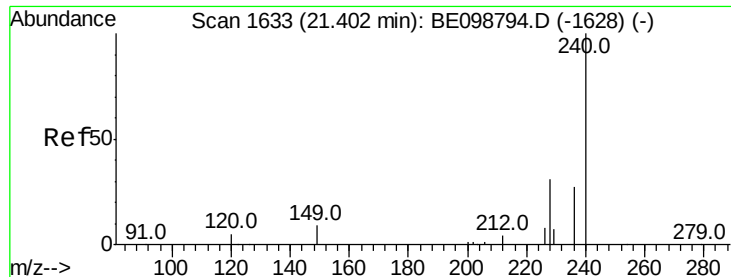


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

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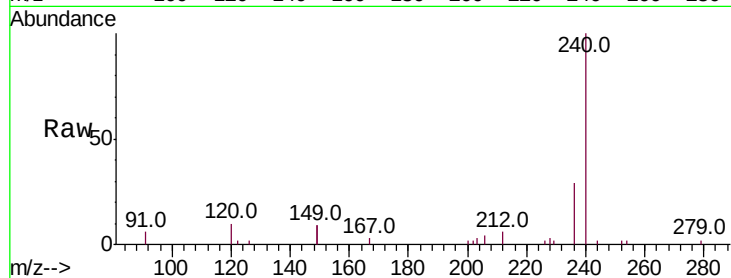
Tot Ion:240 Resp: 6424

Ion Ratio Lower Upper

240 100

120 9.6 5.0 7.4#

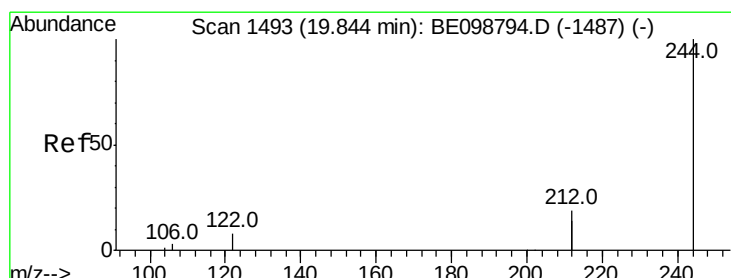
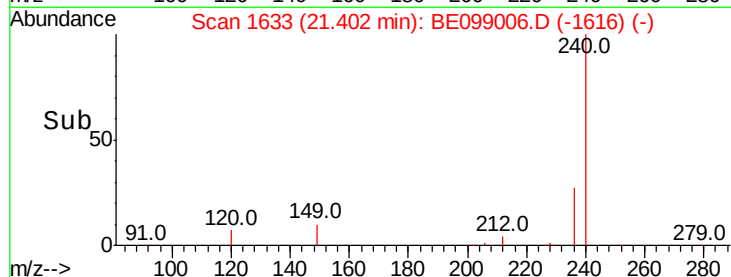
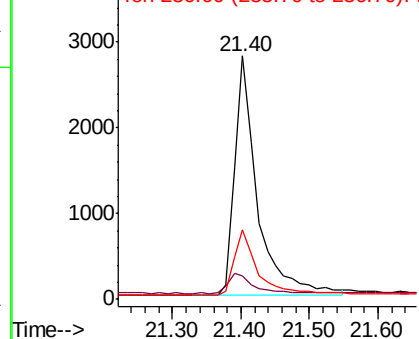
236 28.5 22.7 34.1



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: 0.441 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

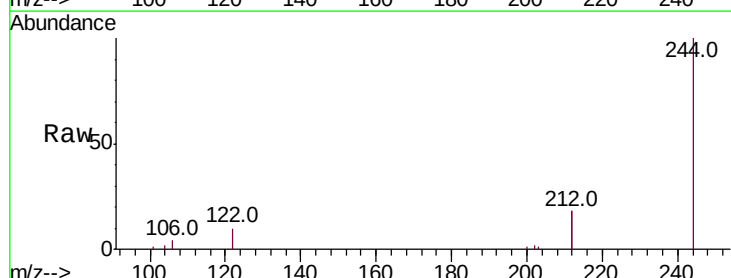
Tgt Ion:244 Resp: 6878

Ion Ratio Lower Upper

244 100

212 36.8 29.4 44.2

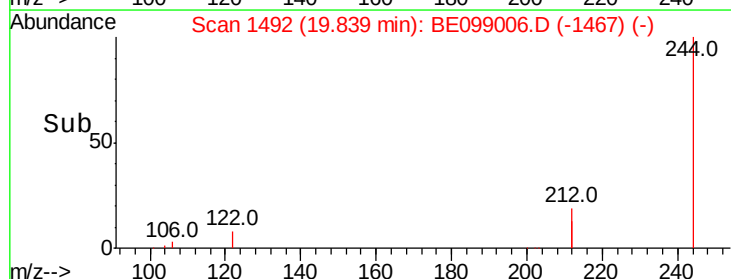
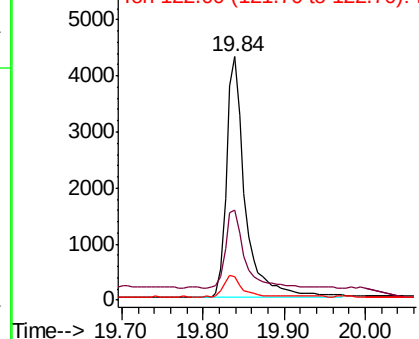
122 9.7 7.1 10.7

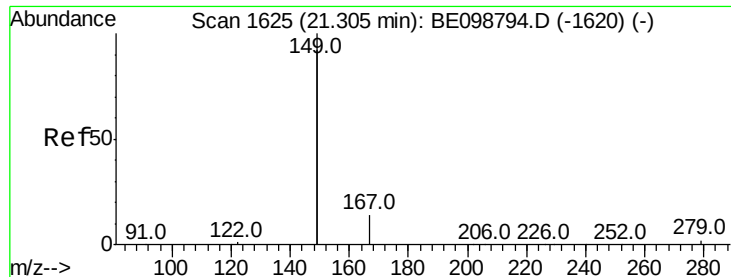


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE099006.D

Acq: 18 Mar 2019 18:26

Instrument :

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ClientSampleId :

BPS1-TT-MW303D-20190313

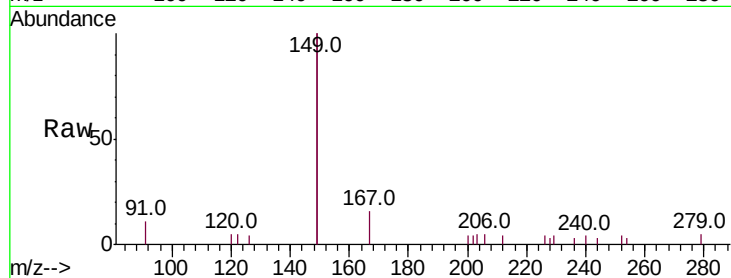
Tot Ion:149 Resp: 3177

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

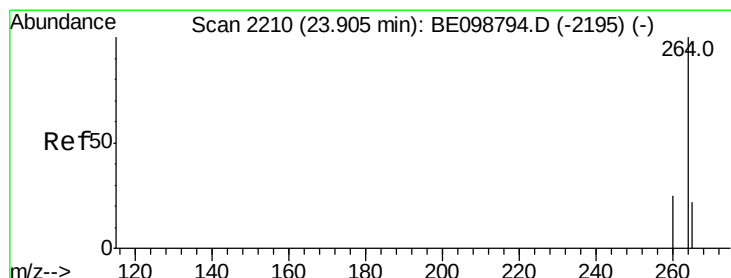
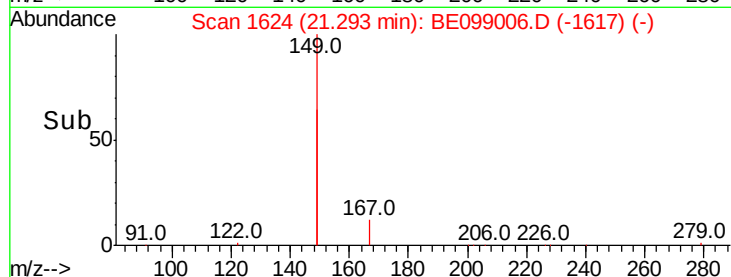
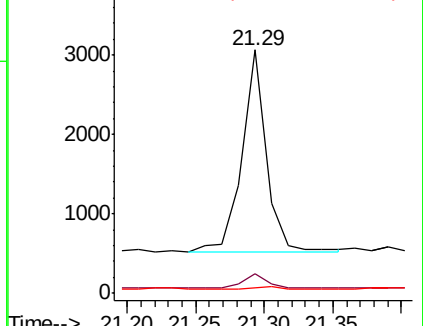
279 1.3 1.0 1.4



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# 2208

Delta R.T. -0.01 min

Lab File: BE099006.D

Acq: 18 Mar 2019 18:26

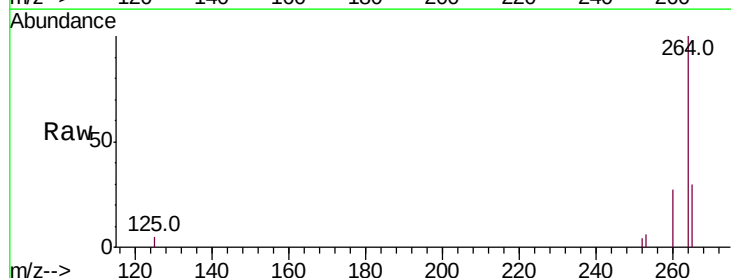
Tgt Ion:264 Resp: 5665

Ion Ratio Lower Upper

264 100

260 26.5 21.2 31.8

265 29.6 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

