

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
 Data File : BE099822.D
 Acq On : 6 Jun 2019 15:20
 Operator : JU/SJ
 Sample : K3190-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D-20190603

Quant Time: Jun 07 04:29:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

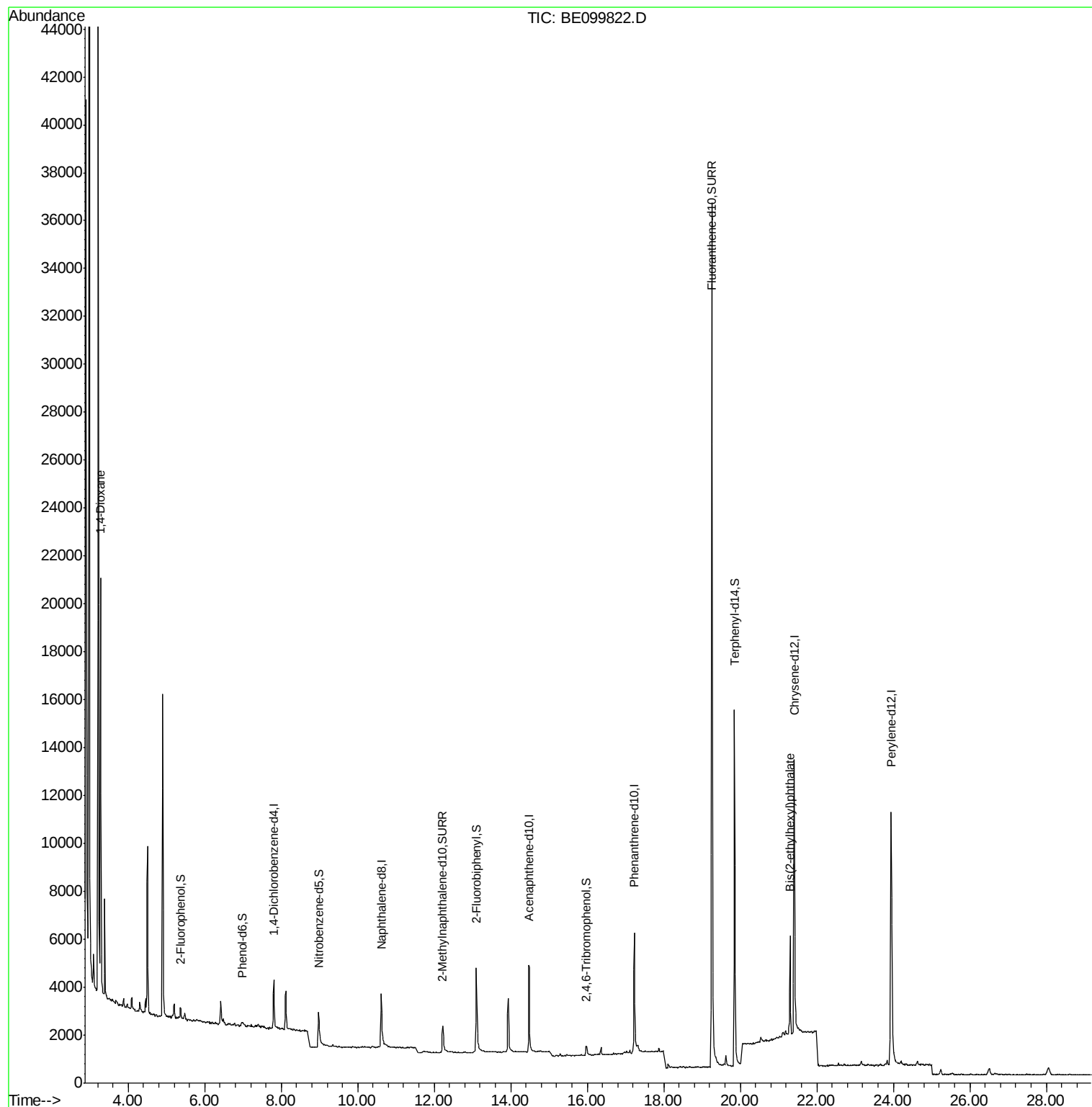
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1216	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4012	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2985	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10063	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17474	0.40	ng	0.00
34) Perylene-d12	23.95	264	19706	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	363	0.12	ng	0.01
5) Phenol-d6	6.97	99	278	0.07	ng	0.01
8) Nitrobenzene-d5	8.98	82	1227	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2409	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	406	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4642	0.42	ng	0.00
25) Fluoranthene-d10	19.26	212	57888	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	16270	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	12032	6.821	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	5108	0.092	ng	98

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

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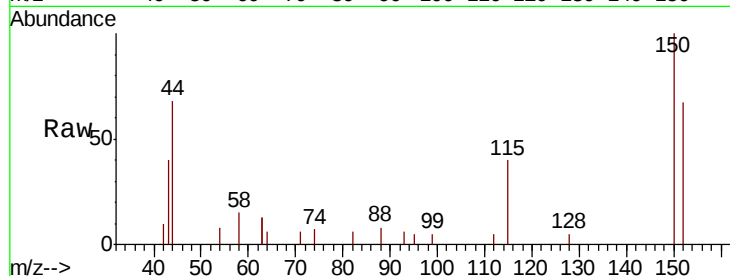


#1

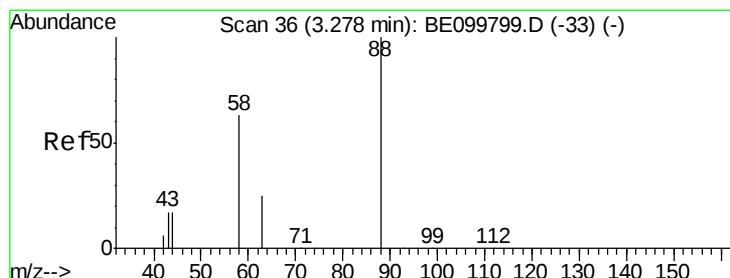
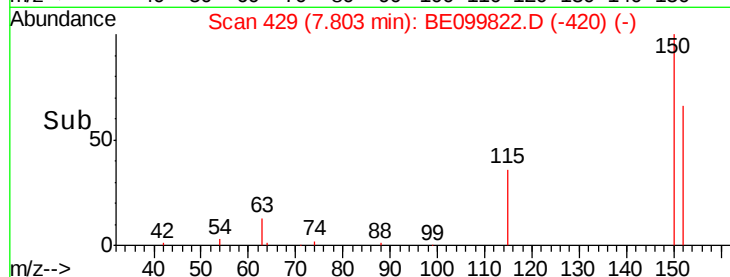
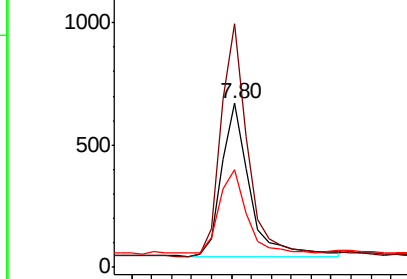
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.00 min
Lab File: BE099822.D
Acq: 6 Jun 2019 15:20

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-20190603

Tot Ion:152 Resp: 1216
Ion Ratio Lower Upper
152 100
150 148.4 112.8 169.2
115 59.8 47.6 71.4



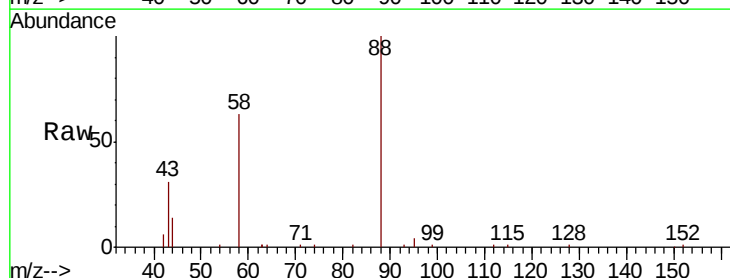
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



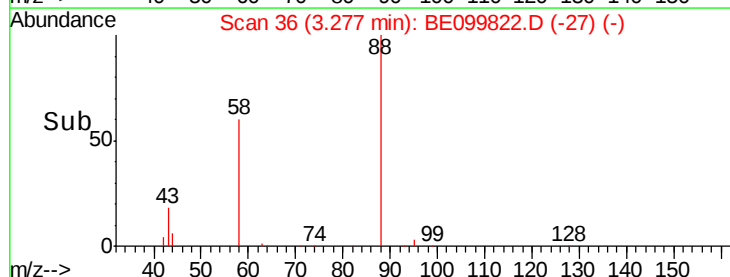
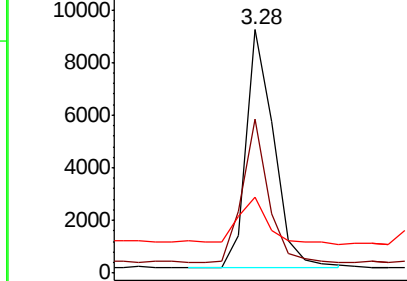
#2

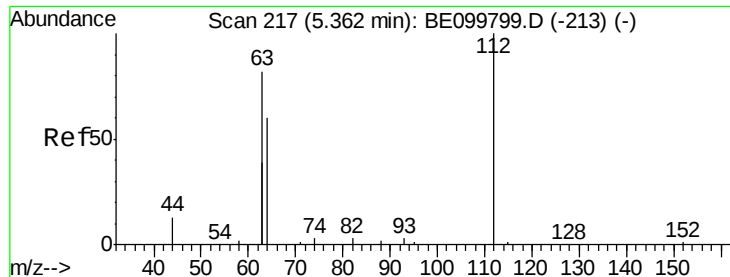
1,4-Dioxane
Concen: 6.821 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE099822.D
Acq: 6 Jun 2019 15:20

Tgt Ion: 88 Resp: 12032
Ion Ratio Lower Upper
88 100
58 56.2 47.3 70.9
43 21.8 18.2 27.4



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: 0.123 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603

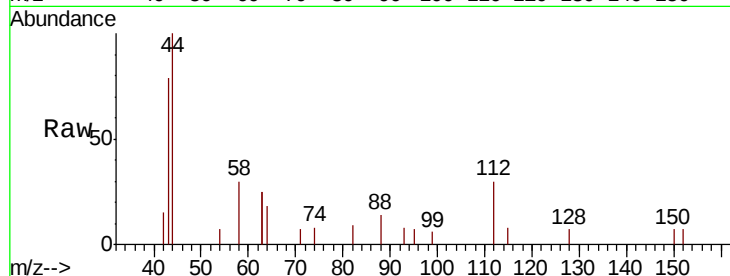
Tot Ion:112 Resp: 363

Ion Ratio Lower Upper

112 100

64 49.6 47.2 70.8

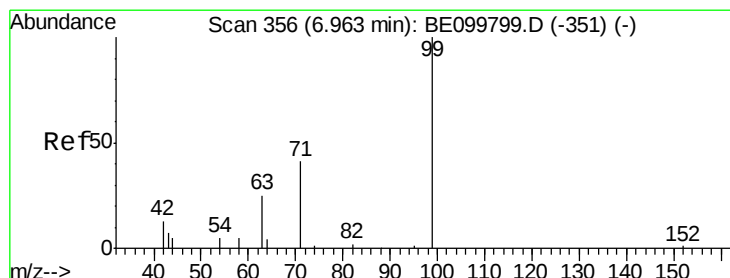
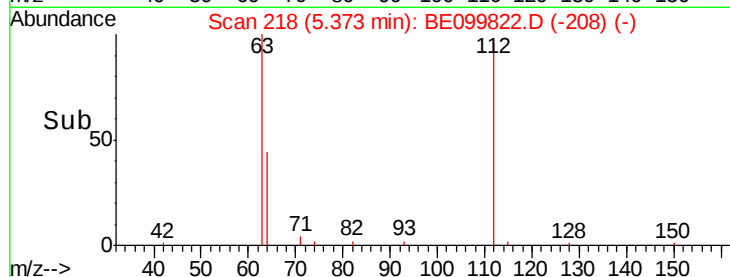
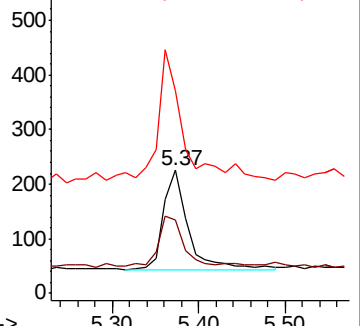
63 133.6 90.7 136.1



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: 0.073 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

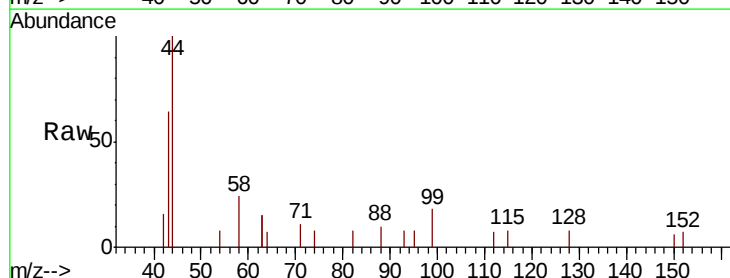
Tgt Ion: 99 Resp: 278

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

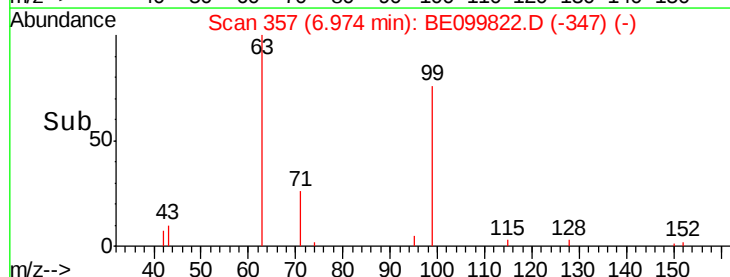
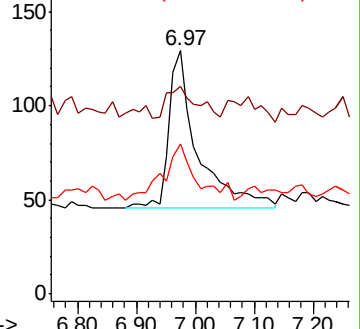
71 40.6 26.1 39.1#

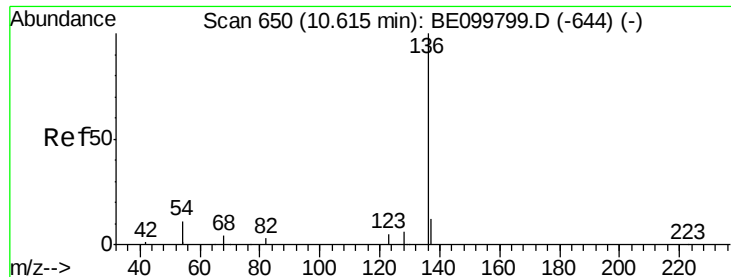


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603

Tot Ion:136 Resp: 4012

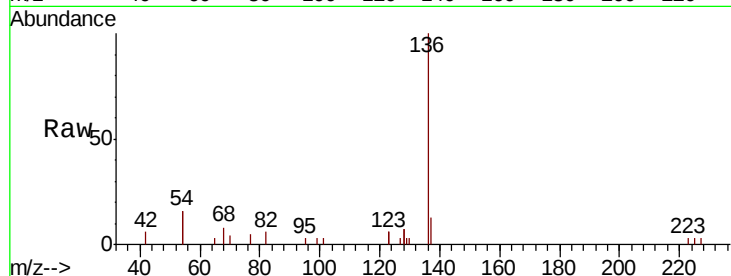
Ion Ratio Lower Upper

136 100

137 12.8 11.1 16.7

54 31.6 17.9 26.9#

68 7.8 5.4 8.0

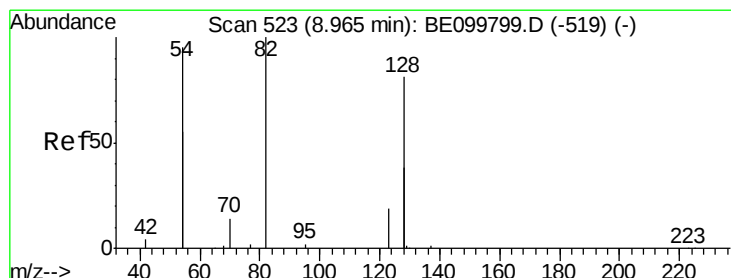
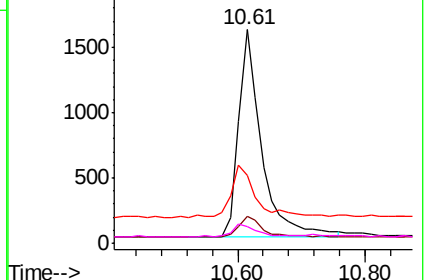
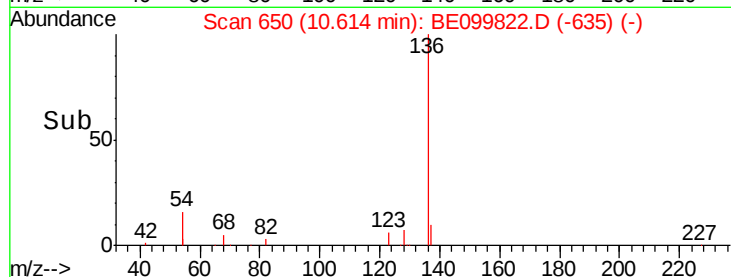


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

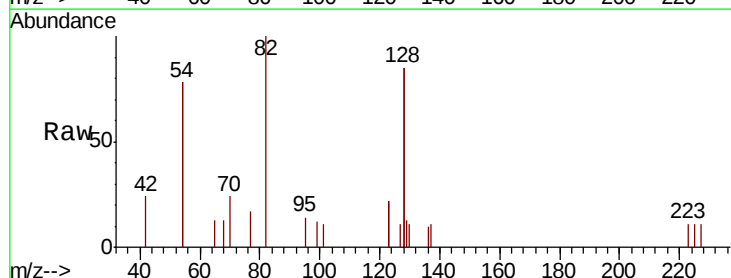
Tgt Ion: 82 Resp: 1227

Ion Ratio Lower Upper

82 100

128 170.8 116.6 175.0

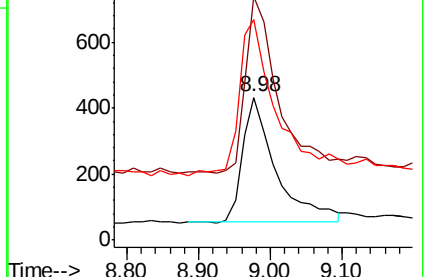
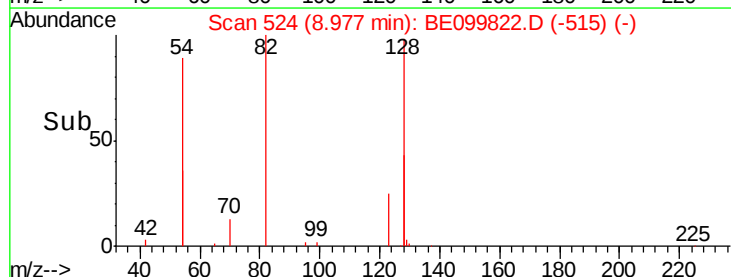
54 155.1 136.2 204.4

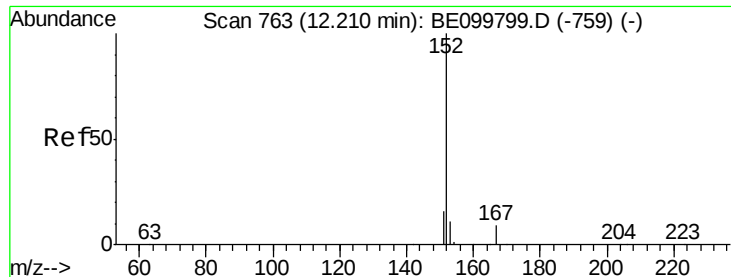


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

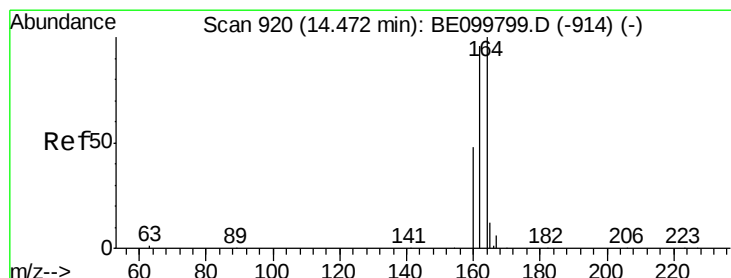
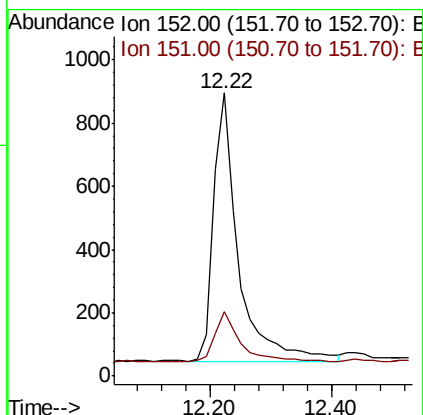
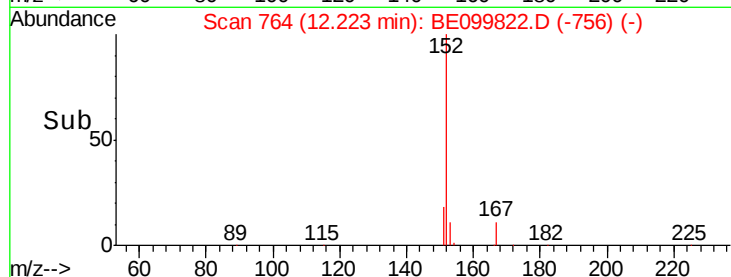
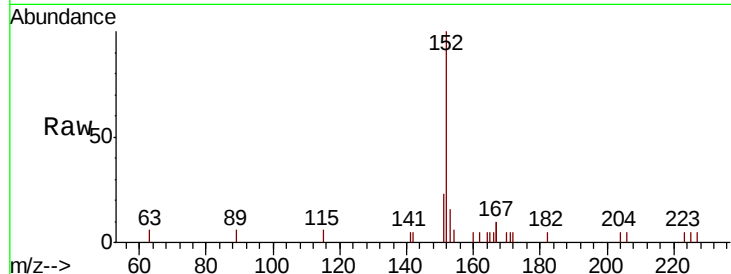




#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099822.D
Acq: 6 Jun 2019 15:20

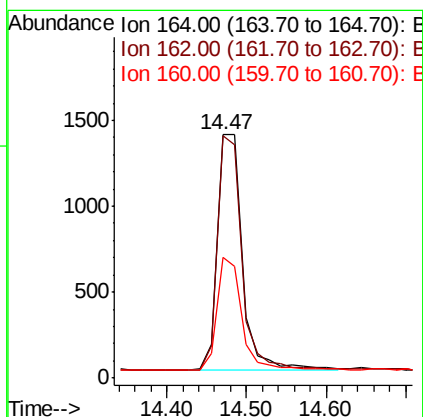
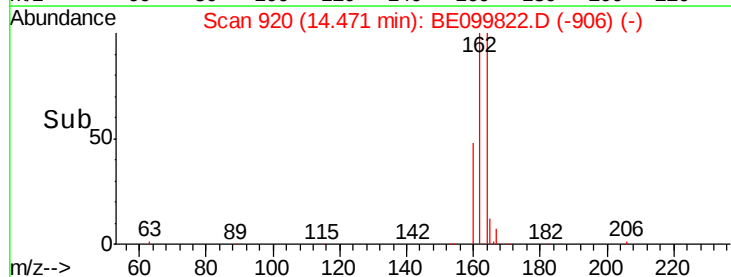
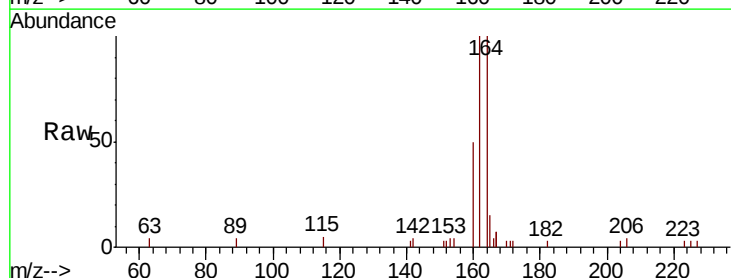
Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-20190603

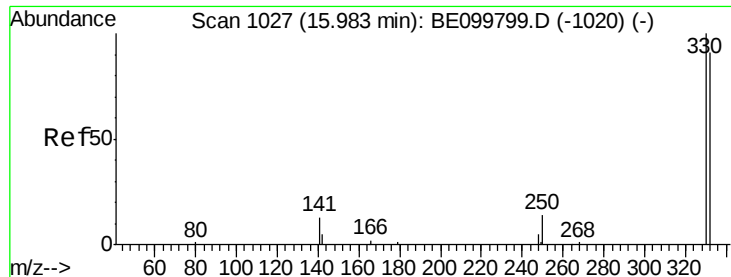
Tot Ion:152 Resp: 2409
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099822.D
Acq: 6 Jun 2019 15:20

Tgt Ion:164 Resp: 2985
Ion Ratio Lower Upper
164 100
162 99.6 77.2 115.8
160 49.8 39.4 59.2

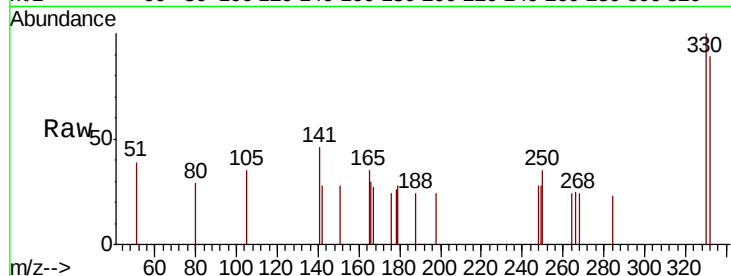




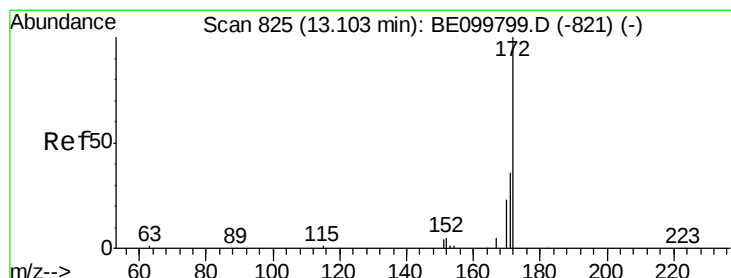
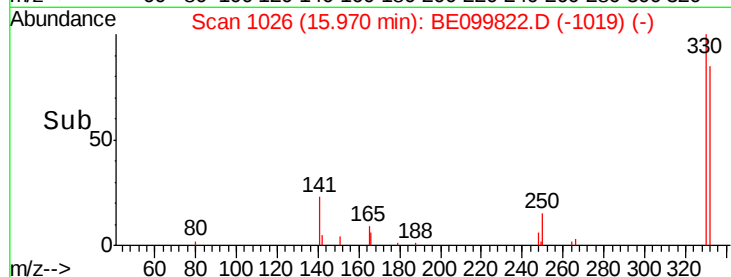
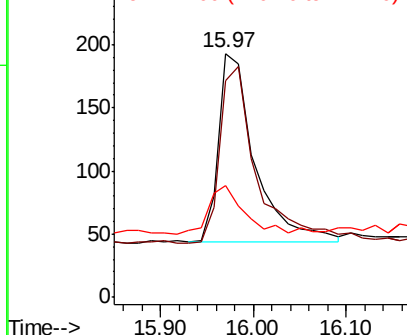
#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099822.D
Acq: 6 Jun 2019 15:20

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-20190603

Tot Ion:330 Resp: 406
Ion Ratio Lower Upper
330 100
332 99.0 74.9 112.3
141 25.9 16.0 24.0#

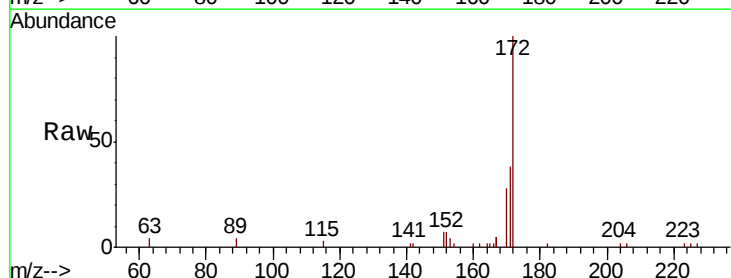


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

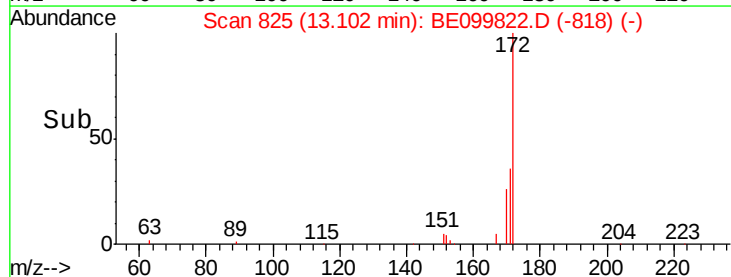
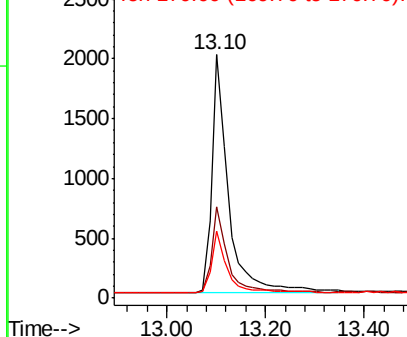


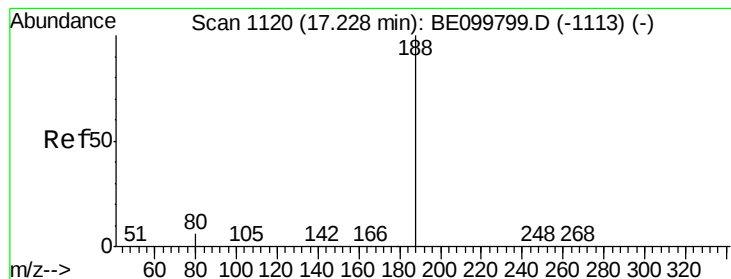
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099822.D
Acq: 6 Jun 2019 15:20

Tgt Ion:172 Resp: 4642
Ion Ratio Lower Upper
172 100
171 37.7 30.2 45.4
170 27.8 20.1 30.1



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603

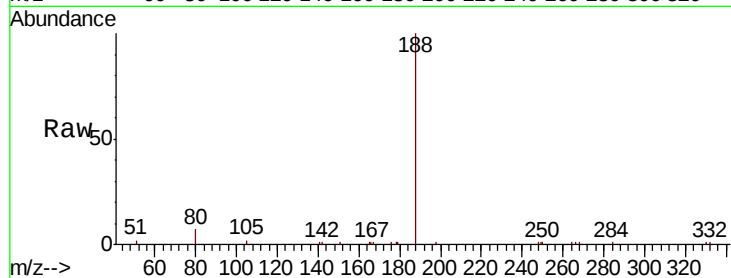
Tot Ion:188 Resp: 10063

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

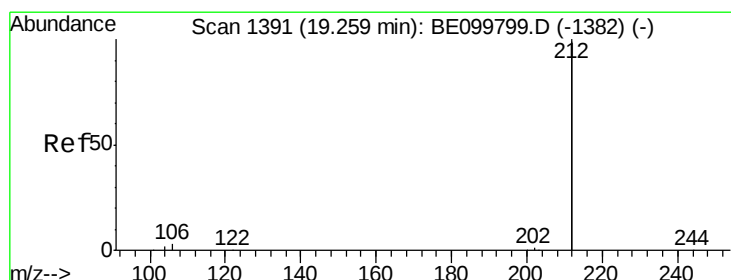
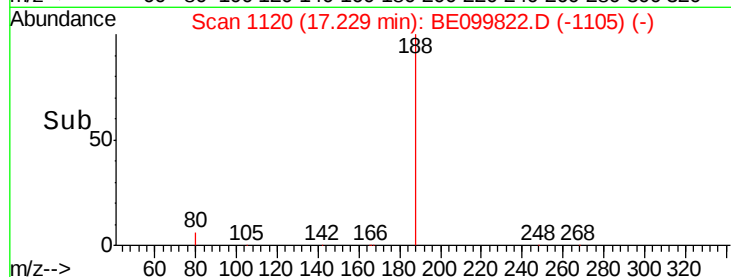
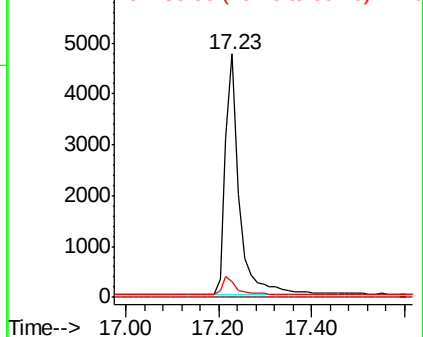
80 6.7 5.2 7.8



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: 0.387 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

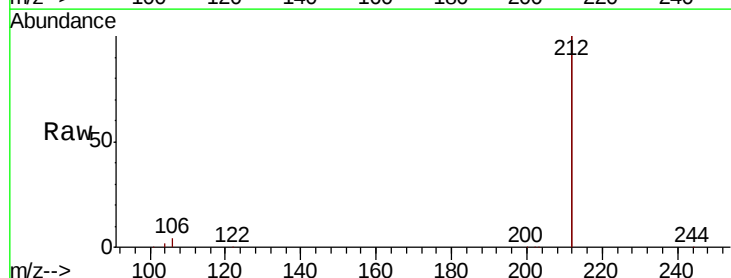
Tgt Ion:212 Resp: 57888

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

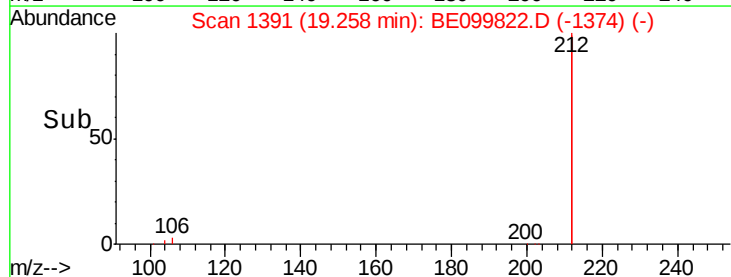
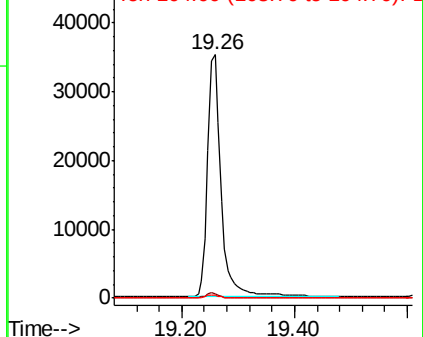
104 1.0 0.8 1.2

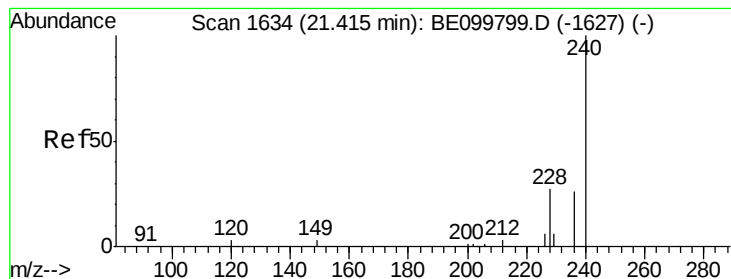


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603

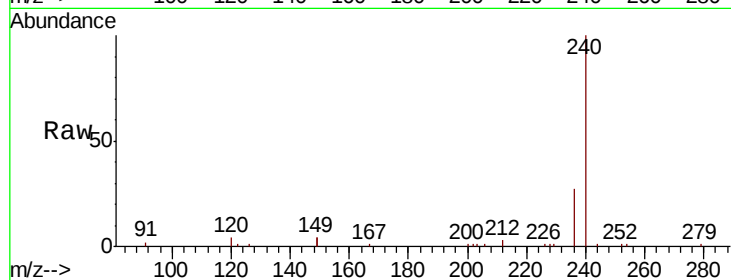
Tot Ion:240 Resp: 17474

Ion Ratio Lower Upper

240 100

120 3.7 2.8 4.2

236 26.5 20.9 31.3

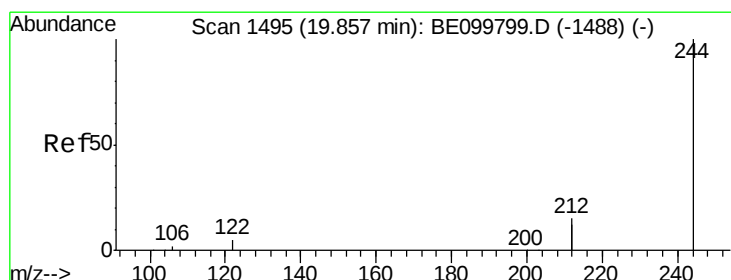
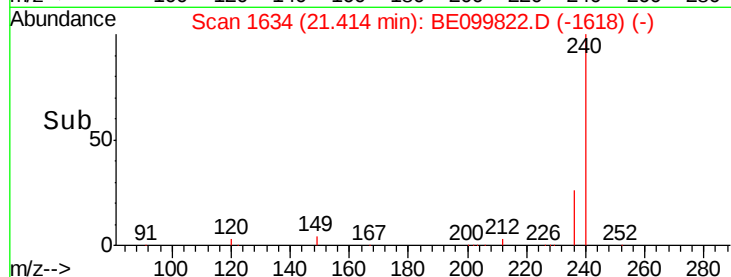
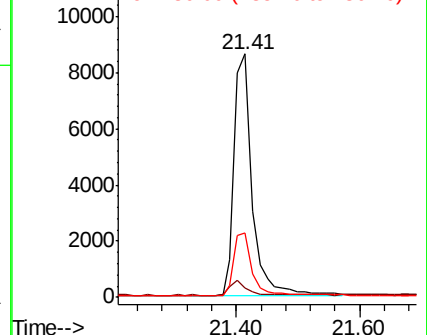


Abundance

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: 0.568 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

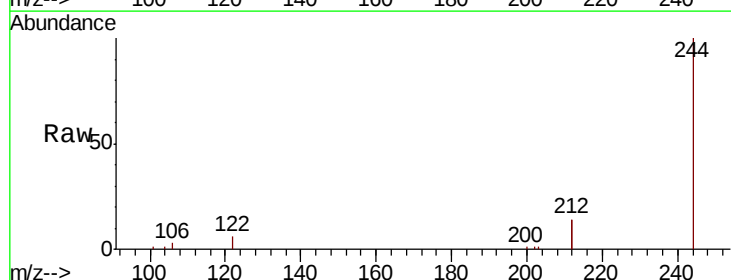
Tgt Ion:244 Resp: 16270

Ion Ratio Lower Upper

244 100

212 28.8 23.7 35.5

122 6.3 4.8 7.2

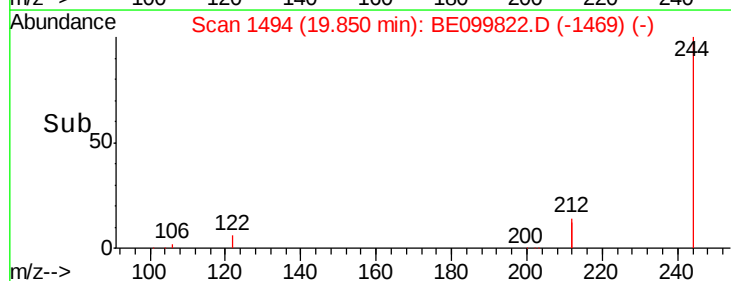
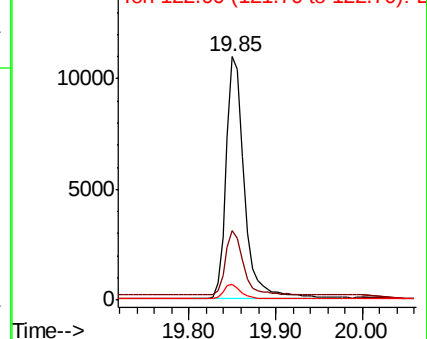


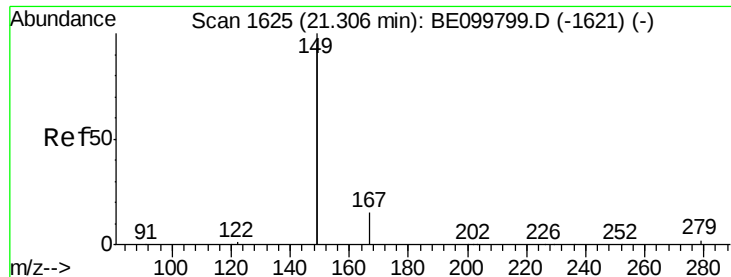
Abundance

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: 0.092 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603

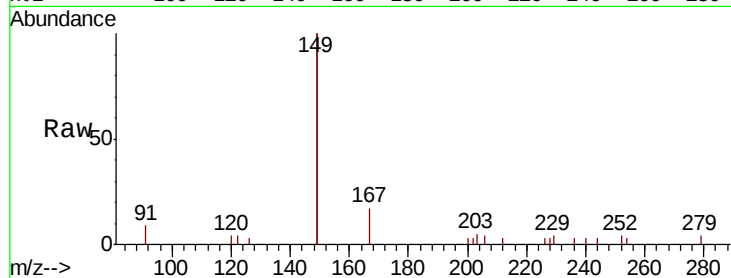
Tot Ion:149 Resp: 5108

Ion Ratio Lower Upper

149 100

167 8.3 6.0 9.0

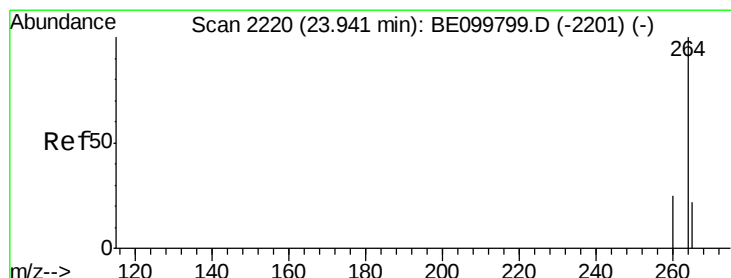
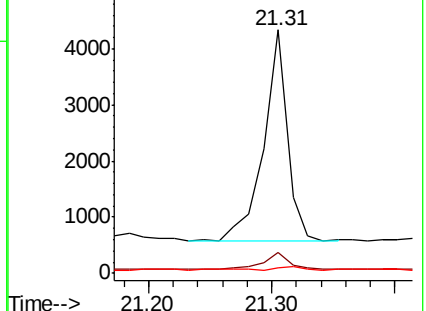
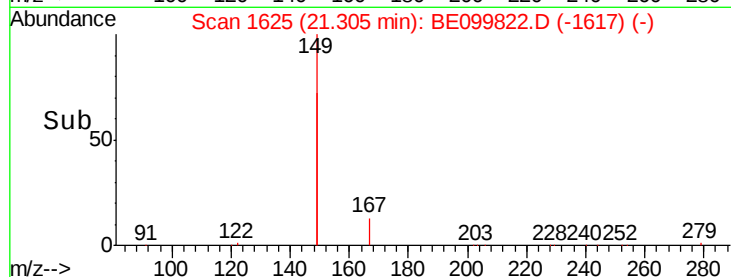
279 1.6 1.2 1.8



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: 23.95 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BE099822.D

Acq: 6 Jun 2019 15:20

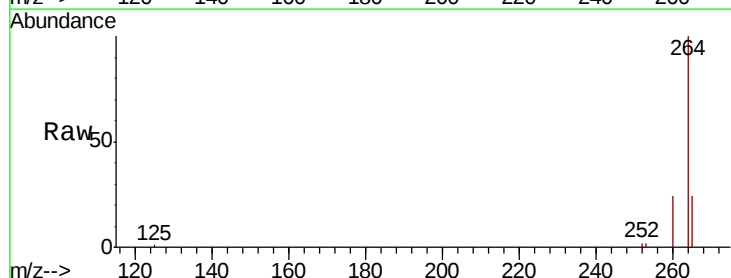
Tgt Ion:264 Resp: 19706

Ion Ratio Lower Upper

264 100

260 23.9 20.0 30.0

265 24.5 20.7 31.1



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

