

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099007.D
 Acq On : 18 Mar 2019 19:01
 Operator : JU/SJ
 Sample : K1937-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW313S-20190313

Quant Time: Mar 19 02:31:45 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

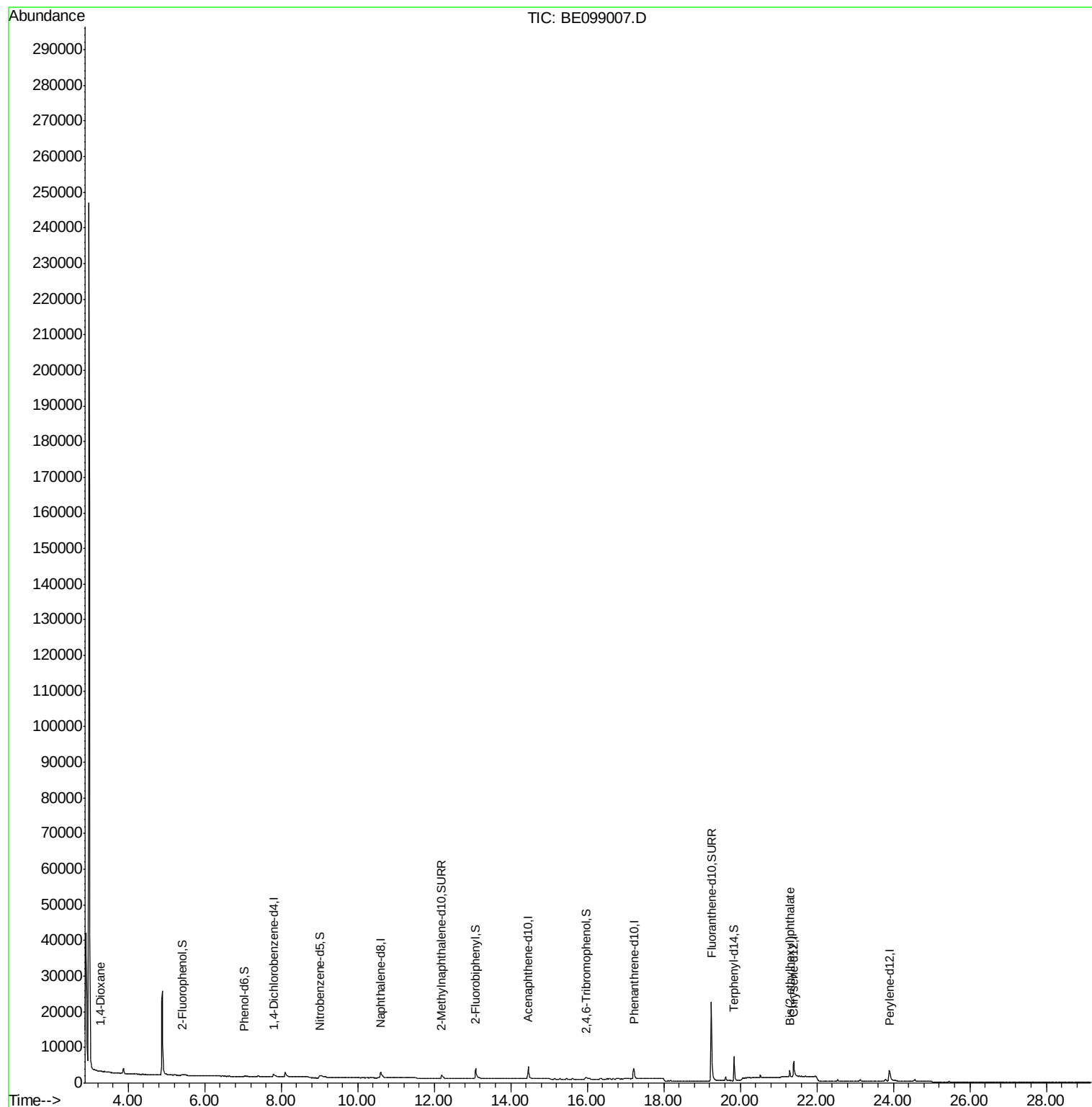
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	776	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3659	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2661	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6173	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7078	0.40	ng	0.00
34) Perylene-d12	23.90	264	6387	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	281	0.12	ng	0.02
5) Phenol-d6	7.04	99	304	0.09	ng	0.06
8) Nitrobenzene-d5	9.00	82	1203	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	12.20	152	2797	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	439	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5186	0.47	ng	0.00
25) Fluoranthene-d10	19.24	212	39413	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	7823	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	193	0.057	ng	Qvalue # 53
32) Bis(2-ethylhexyl)phthalate	21.29	149	2397	0.051	ng	97

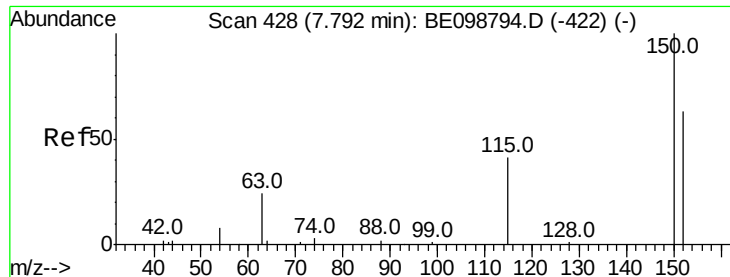
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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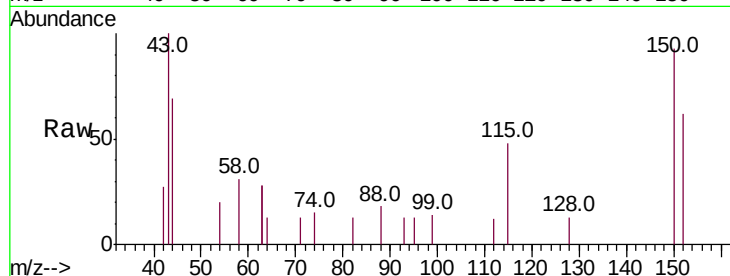


#1

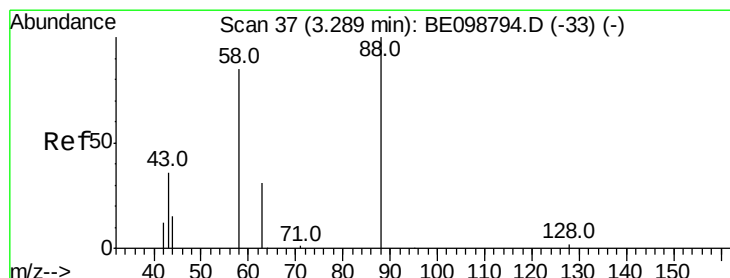
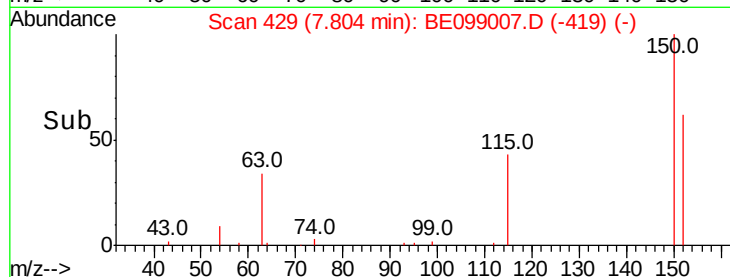
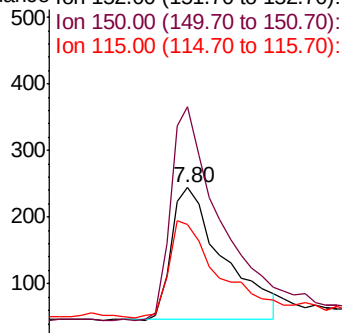
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099007.D
Acq: 18 Mar 2019 19:01

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190313

Tot Ion:152 Resp: 776
Ion Ratio Lower Upper
152 100
150 150.0 122.5 183.7
115 77.5 57.4 86.2



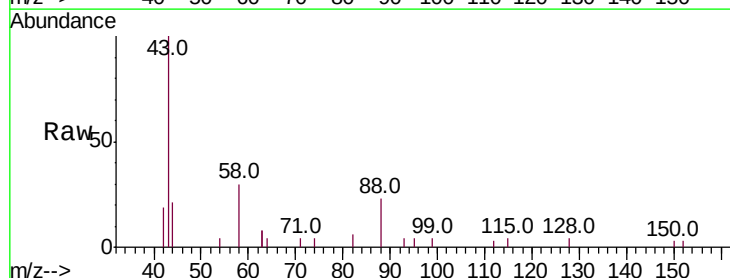
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



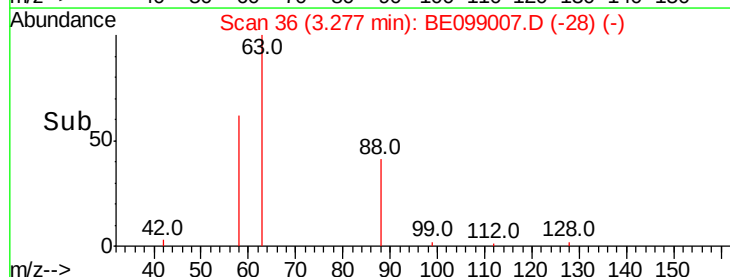
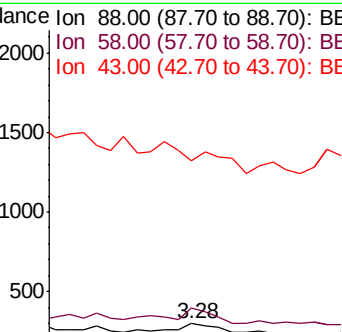
#2

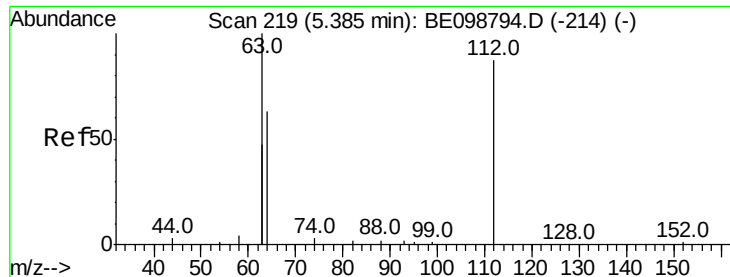
1,4-Dioxane
Concen: 0.057 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099007.D
Acq: 18 Mar 2019 19:01

Tgt Ion: 88 Resp: 193
Ion Ratio Lower Upper
88 100
58 125.9 75.8 113.6#
43 0.0 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: 0.121 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20190313

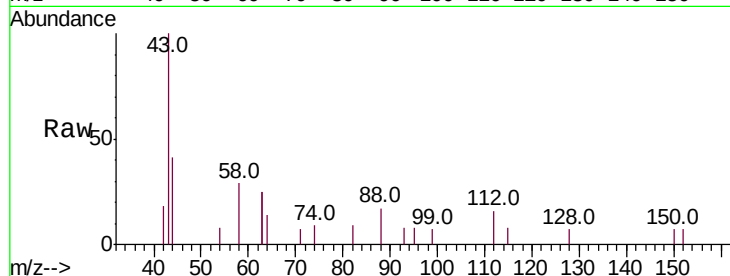
Tot Ion:112 Resp: 281

Ion Ratio Lower Upper

112 100

64 113.9 57.9 86.9#

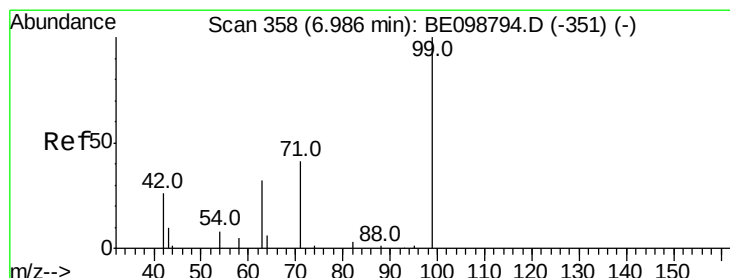
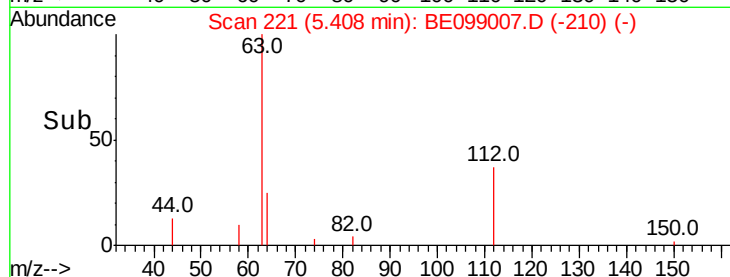
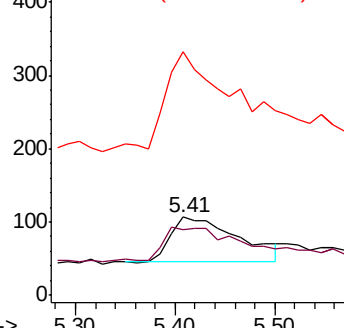
63 307.8 158.3 237.5#



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: 0.093 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

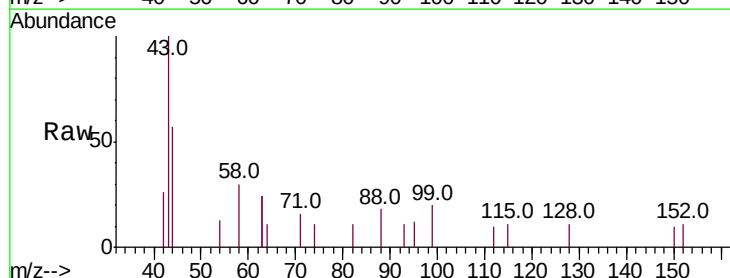
Tgt Ion: 99 Resp: 304

Ion Ratio Lower Upper

99 100

42 9.2 24.2 36.2#

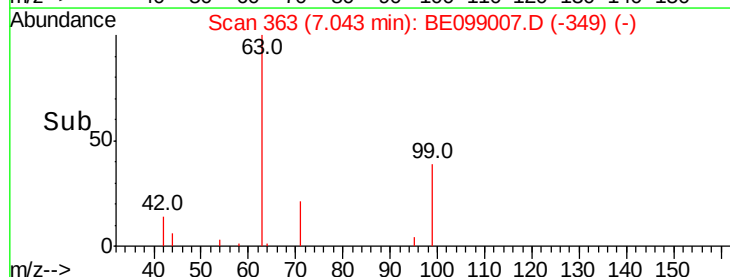
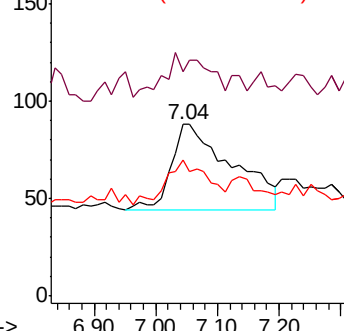
71 34.2 35.7 53.5#

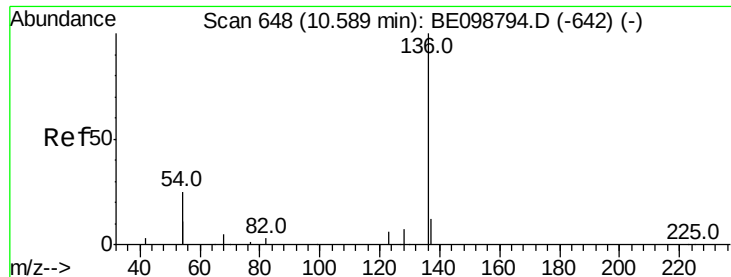


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099007.D

Acq: 18 Mar 2019 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20190313

Tot Ion:136 Resp: 3659

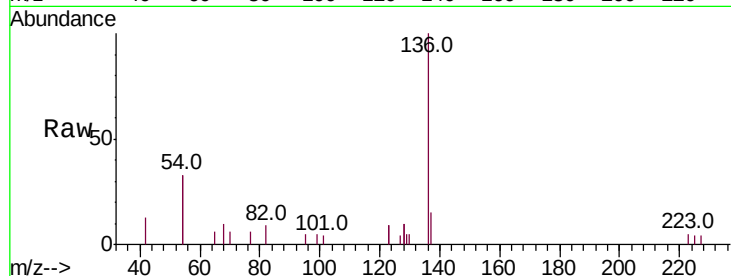
Ion Ratio Lower Upper

136 100

137 15.0 11.4 17.0

54 65.6 39.3 58.9#

68 10.0 6.7 10.1

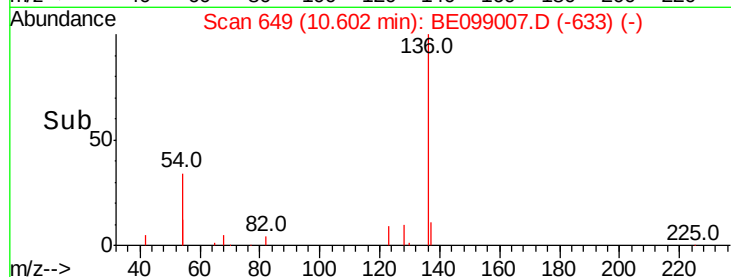


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

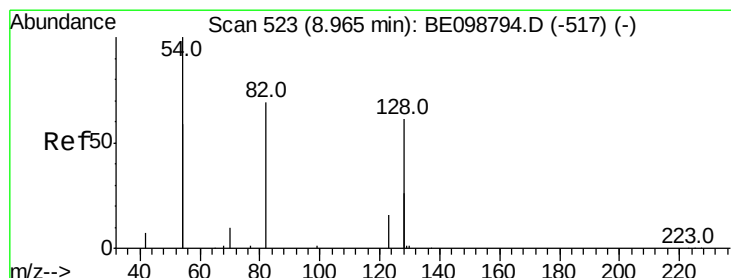
10.60

1000

500

0

Time-->



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

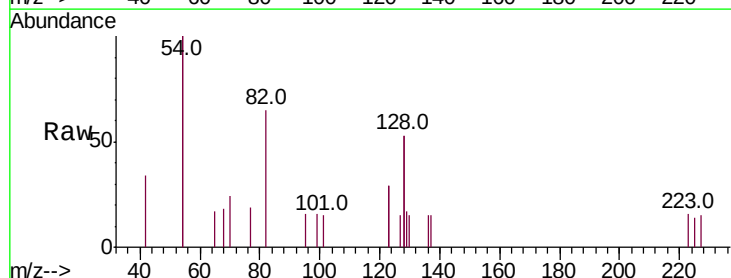
Tgt Ion: 82 Resp: 1203

Ion Ratio Lower Upper

82 100

128 163.8 123.8 185.8

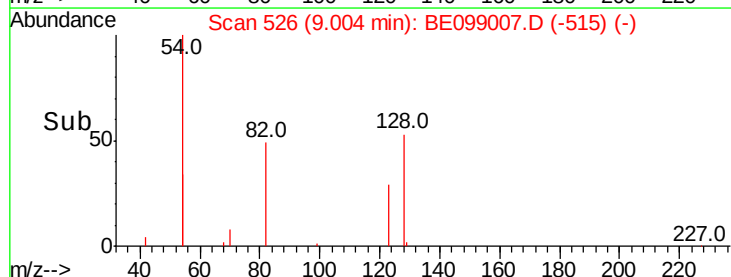
54 306.5 203.4 305.2#



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



Abundance

9.00

800

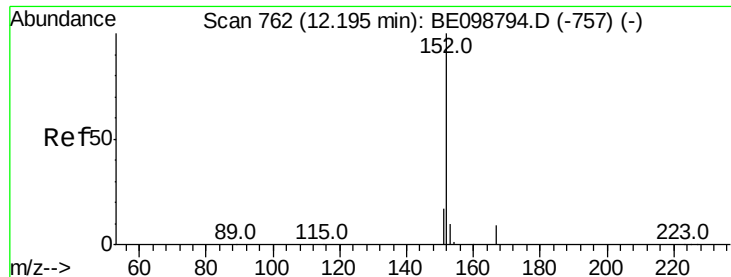
600

400

200

0

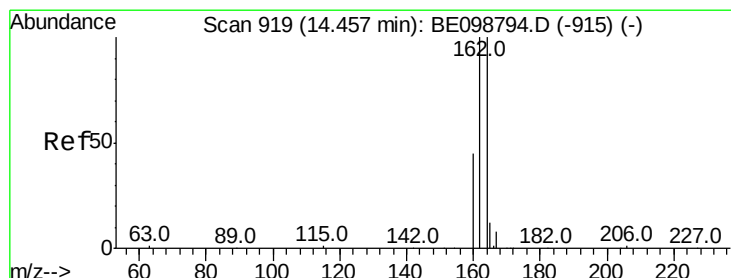
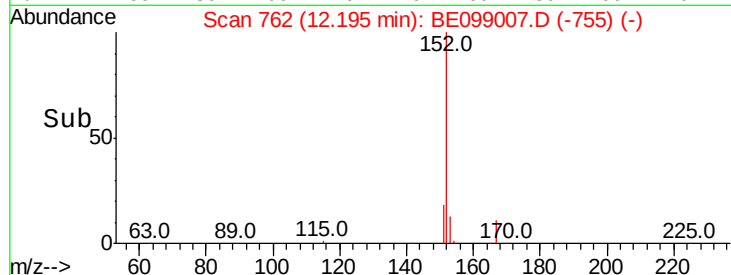
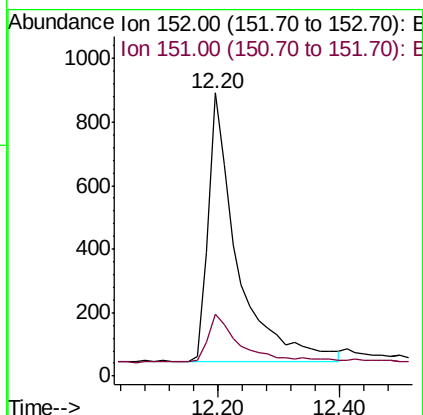
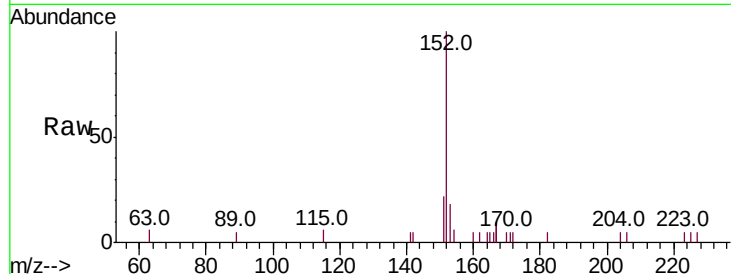
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.414 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099007.D
 Acq: 18 Mar 2019 19:01

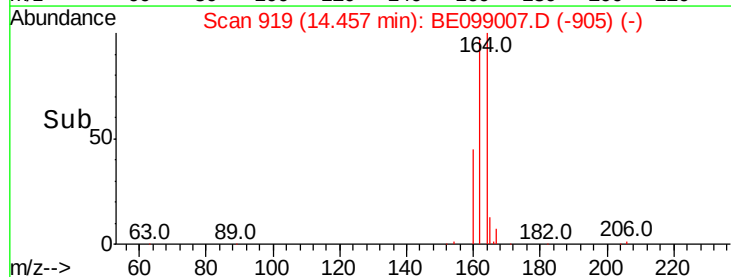
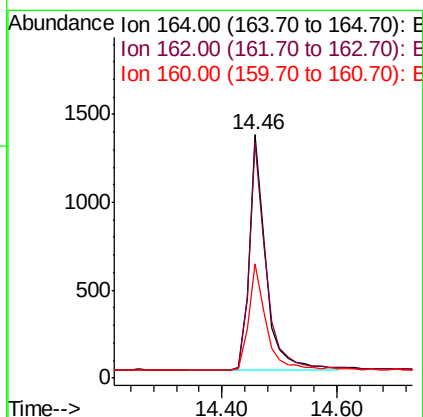
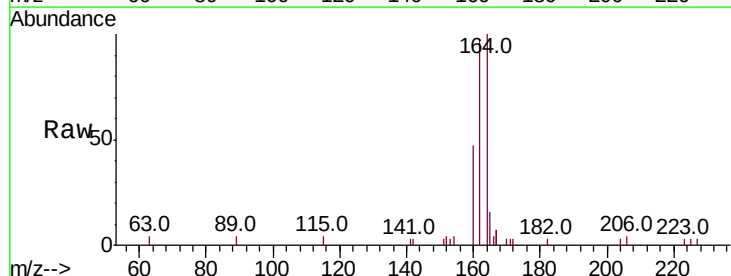
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW313S-20190313

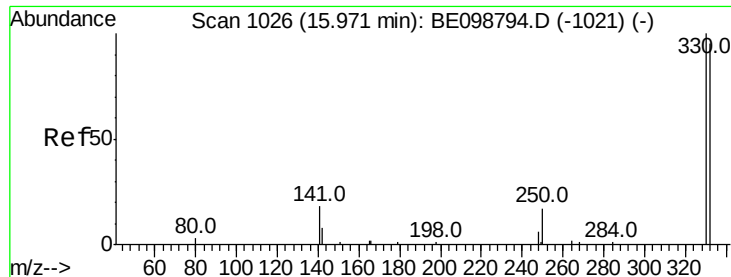
Tot Ion:152 Resp: 2797
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099007.D
 Acq: 18 Mar 2019 19:01

Tgt Ion:164 Resp: 2661
 Ion Ratio Lower Upper
 164 100
 162 97.1 80.2 120.2
 160 46.8 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.327 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20190313

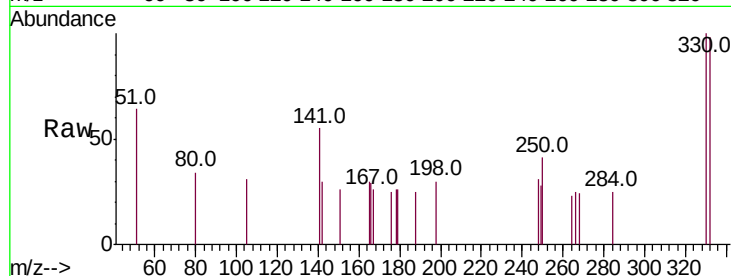
Tot Ion:330 Resp: 439

Ion Ratio Lower Upper

330 100

332 98.2 77.6 116.4

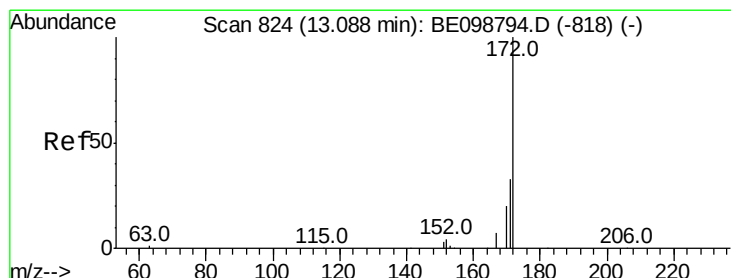
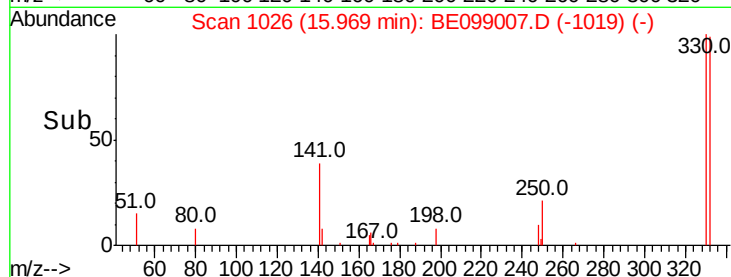
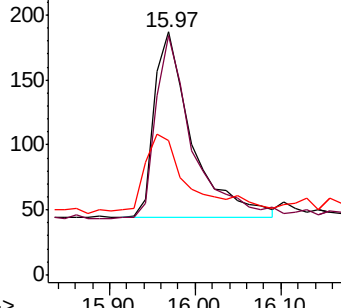
141 46.7 31.0 46.4#



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: 0.471 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

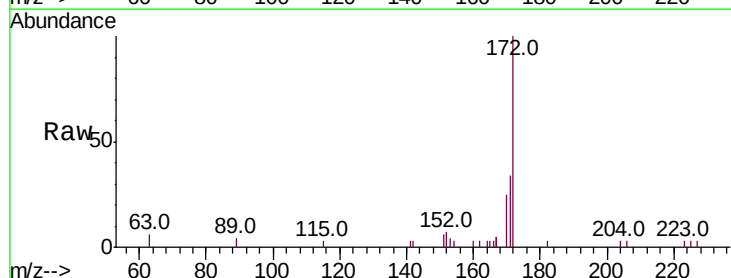
Tgt Ion:172 Resp: 5186

Ion Ratio Lower Upper

172 100

171 33.8 28.0 42.0

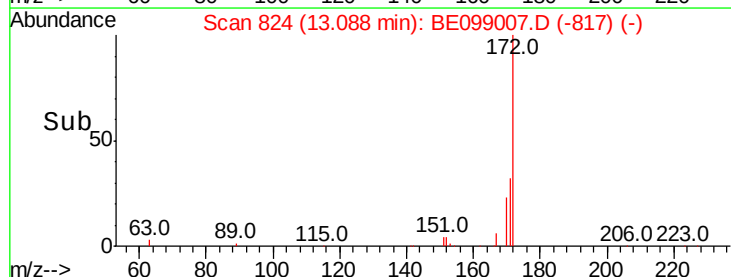
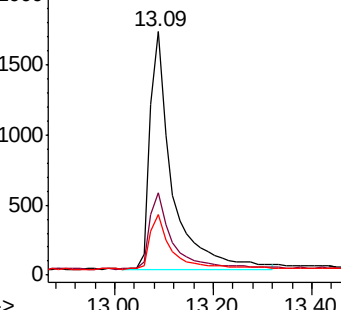
170 25.0 17.7 26.5

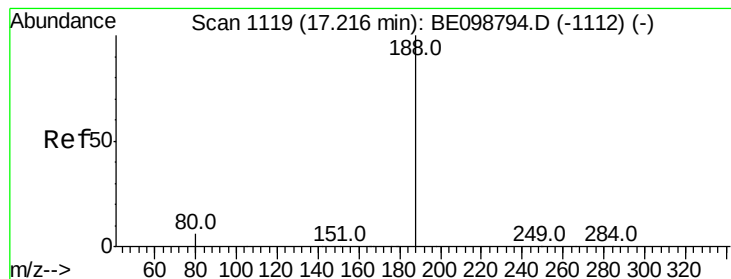


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE099007.D

Acq: 18 Mar 2019 19:01

Instrument :

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ClientSampleId :

BPS1-TT-MW313S-20190313

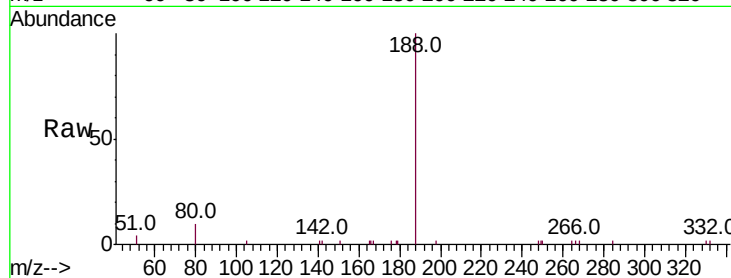
Tot Ion:188 Resp: 6173

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

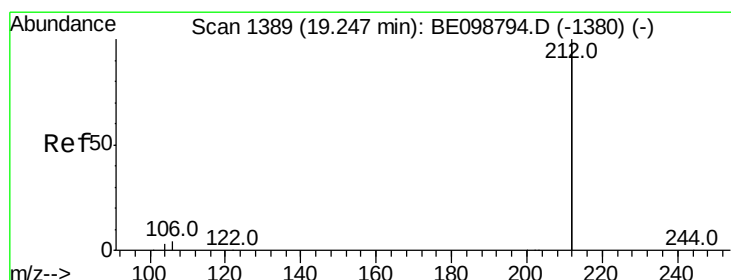
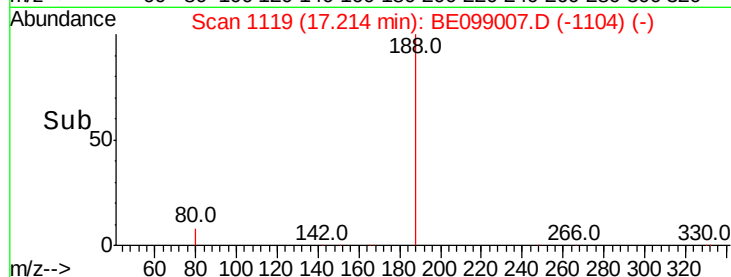
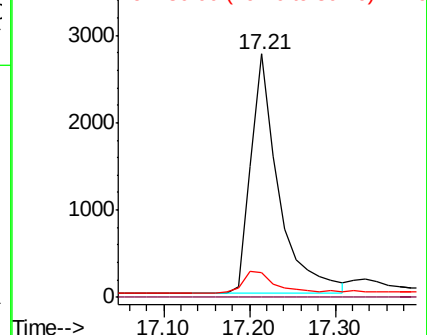
80 10.1 6.3 9.5#



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: 0.400 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

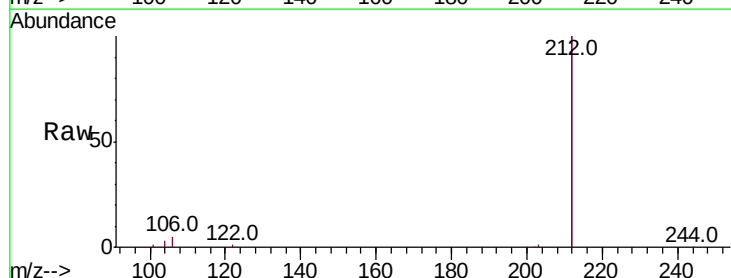
Tgt Ion:212 Resp: 39413

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

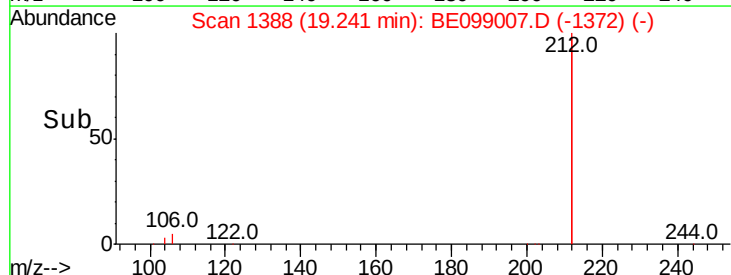
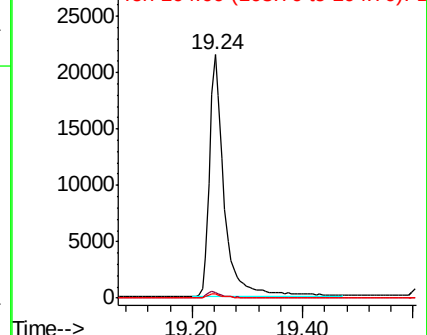
104 1.4 1.0 1.6

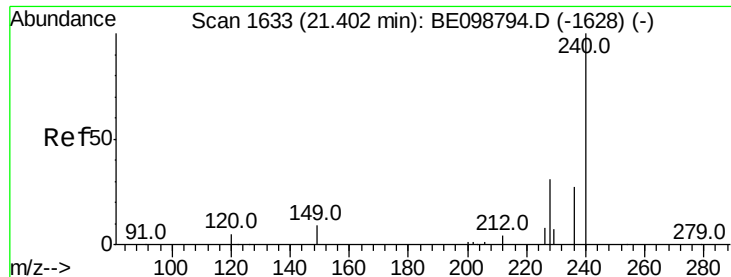


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1633

Delta R.T. -0.00 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

Instrument :

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ClientSampleId :

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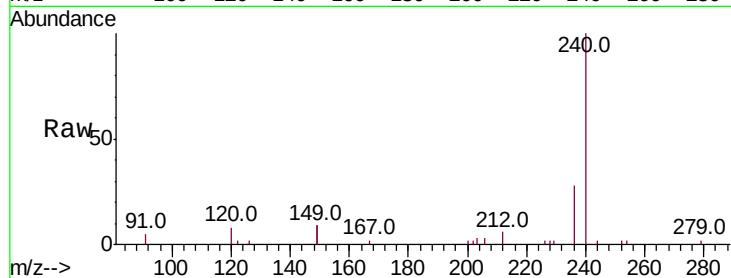
Tot Ion:240 Resp: 7078

Ion Ratio Lower Upper

240 100

120 7.7 5.0 7.4#

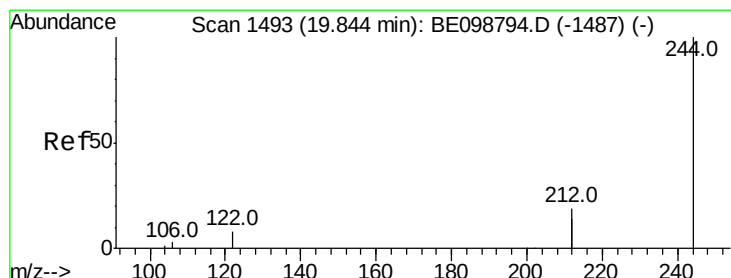
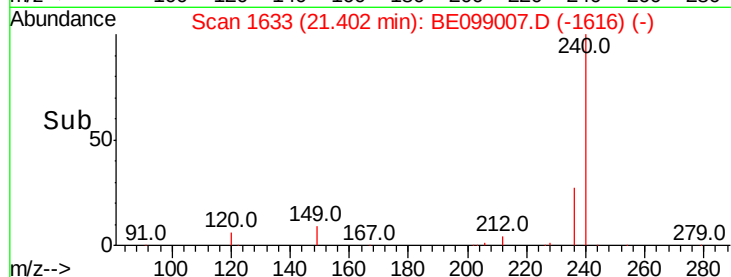
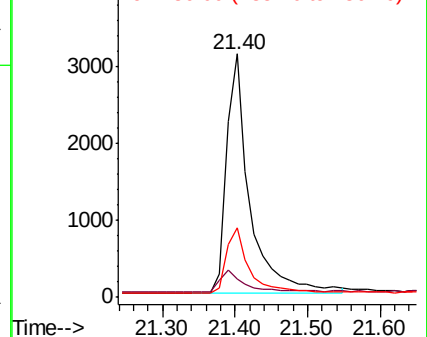
236 28.5 22.7 34.1



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: 0.455 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

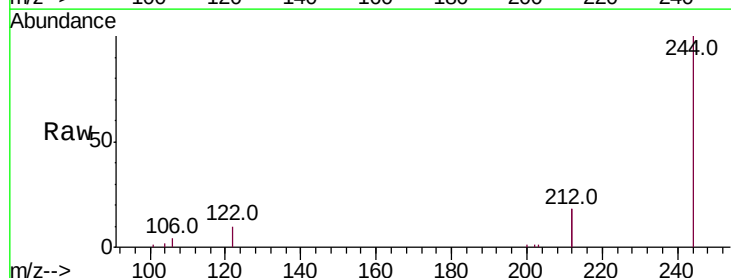
Tgt Ion:244 Resp: 7823

Ion Ratio Lower Upper

244 100

212 36.2 29.4 44.2

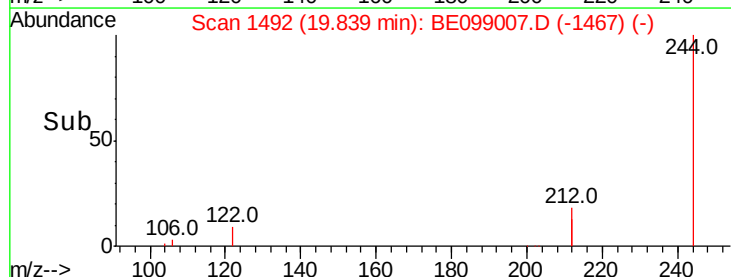
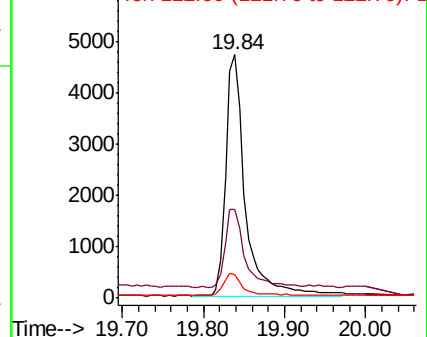
122 9.6 7.1 10.7

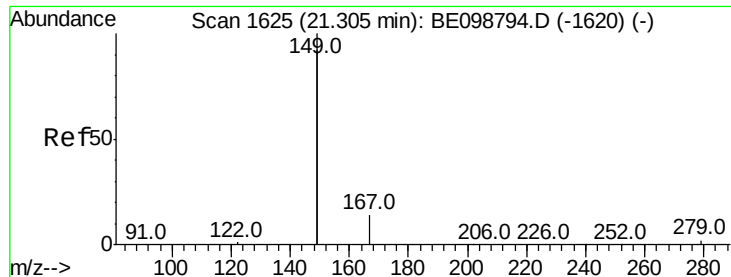


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099007.D

Acq: 18 Mar 2019 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20190313

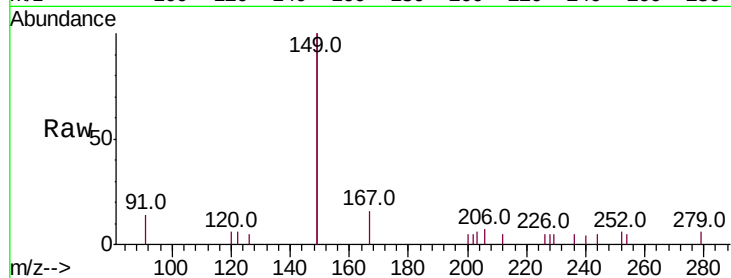
Tot Ion:149 Resp: 2397

Ion Ratio Lower Upper

149 100

167 7.9 5.4 8.0

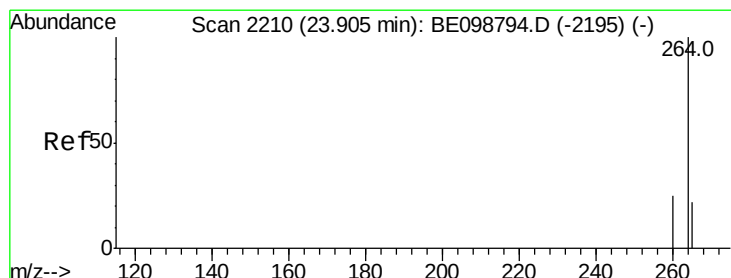
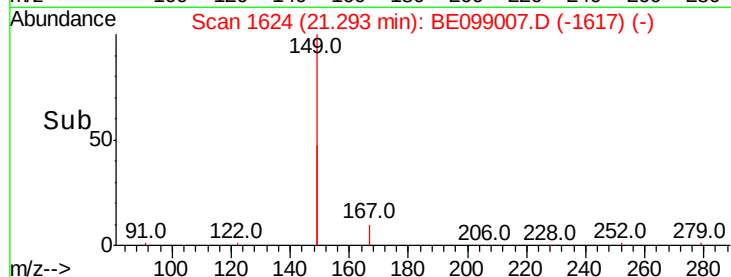
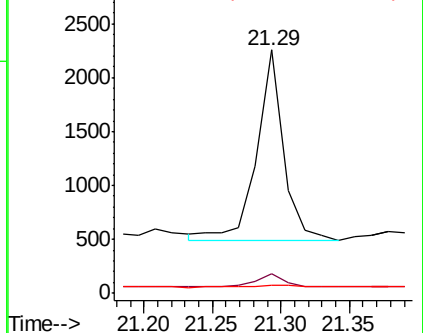
279 1.3 1.0 1.4



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: BE099007.D

Acq: 18 Mar 2019 19:01

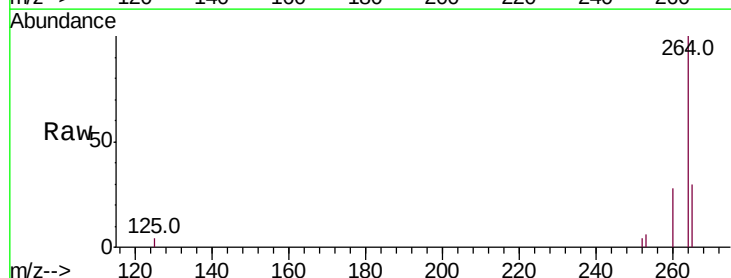
Tgt Ion:264 Resp: 6387

Ion Ratio Lower Upper

264 100

260 27.6 21.2 31.8

265 30.4 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

