

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
 Data File : BE098949.D
 Acq On : 14 Mar 2019 18:40
 Operator : JU/SJ
 Sample : K1882-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20190312

Quant Time: Mar 15 05:48:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

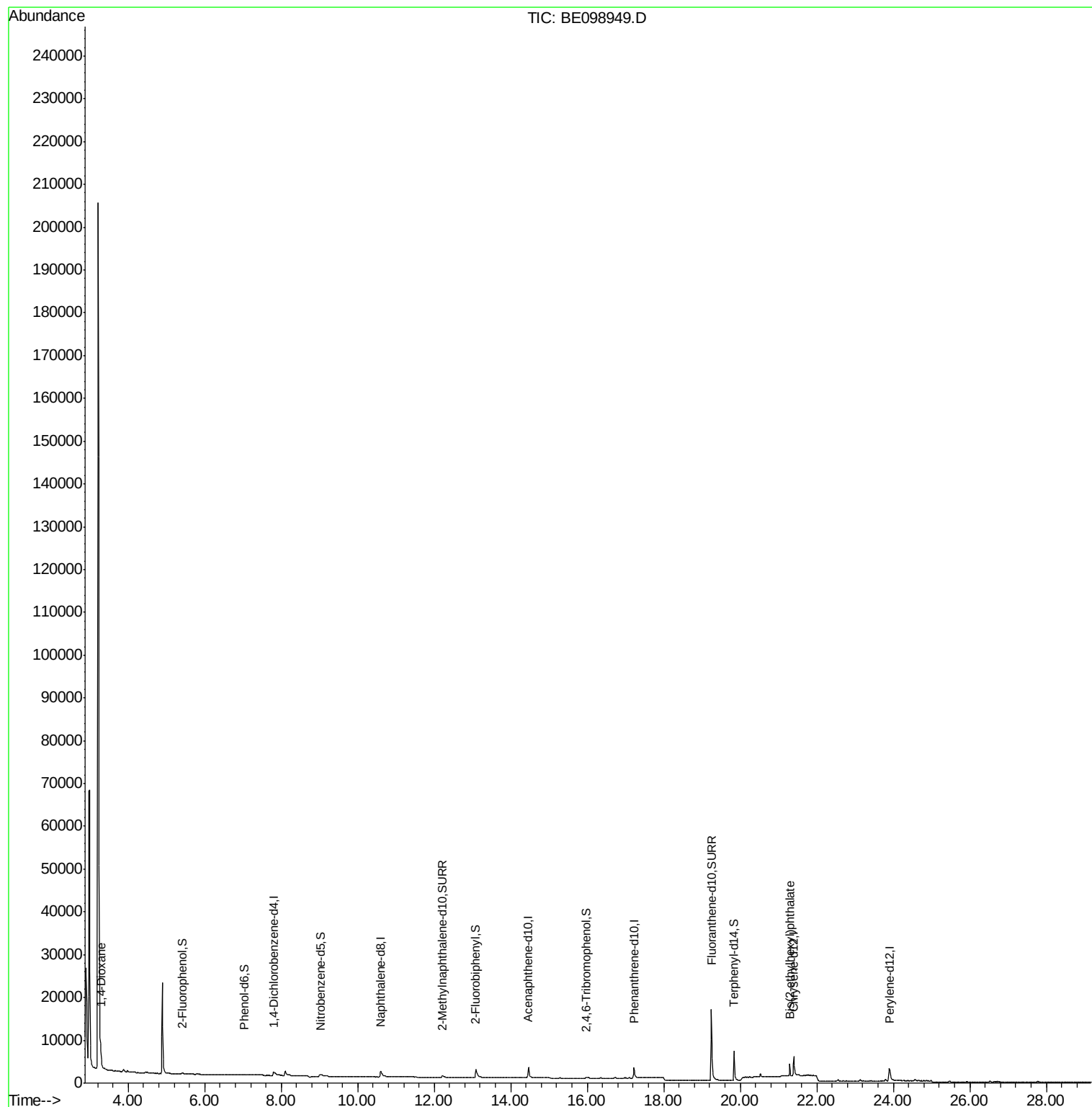
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	755	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3328	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2326	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5704	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6771	0.40	ng	0.00
34) Perylene-d12	23.90	264	6497	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	340	0.15	ng	0.02
5) Phenol-d6	7.03	99	233	0.07	ng	0.05
8) Nitrobenzene-d5	9.03	82	998	0.29	ng	0.06
11) 2-Methylnaphthalene-d10	12.21	152	2107	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	358	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4332	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	30451	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	7654	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	1473	1.163	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.29	149	3149	0.070	ng	# 98

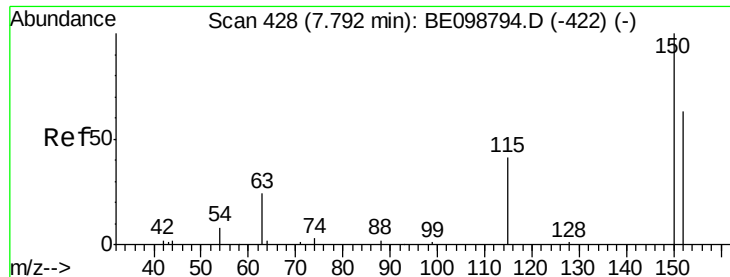
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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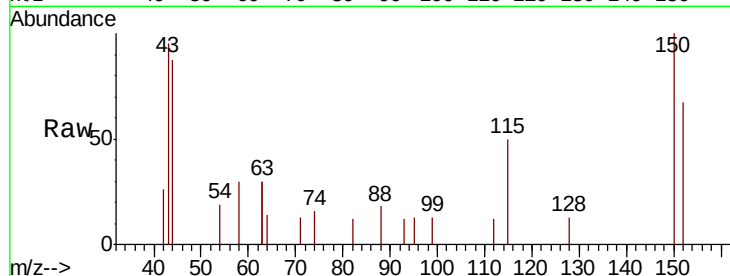


#1

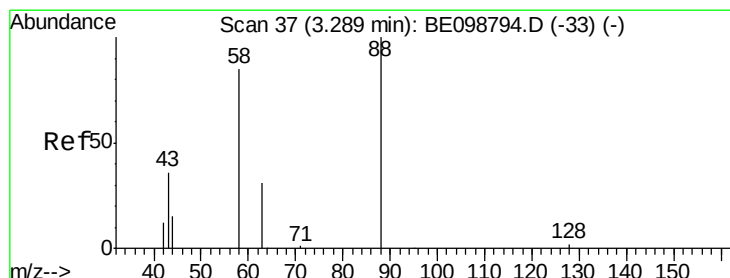
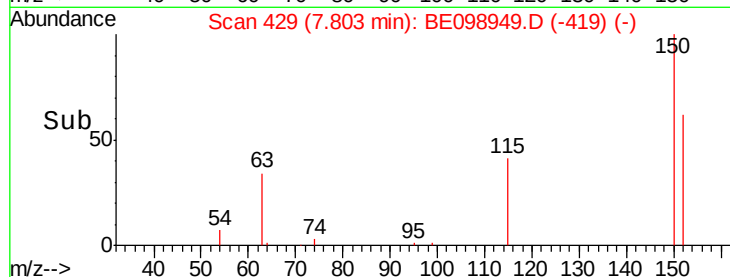
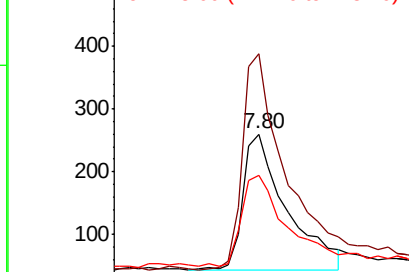
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098949.D
Acq: 14 Mar 2019 18:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20190312

Tot Ion:152 Resp: 755
Ion Ratio Lower Upper
152 100
150 149.2 122.5 183.7
115 74.6 57.4 86.2



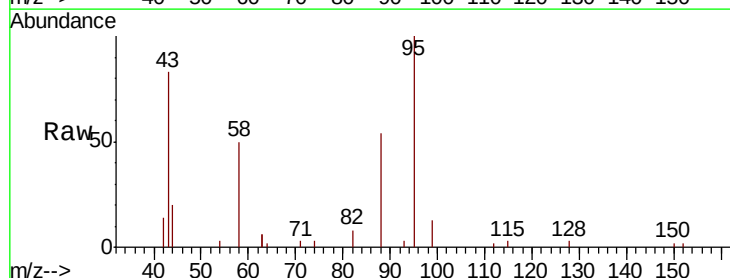
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



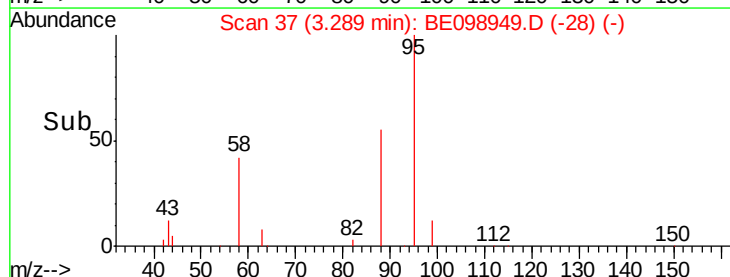
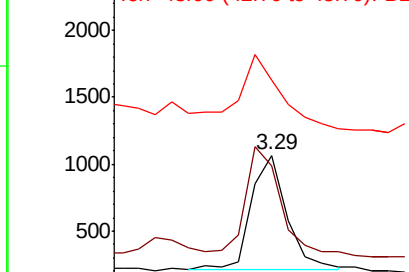
#2

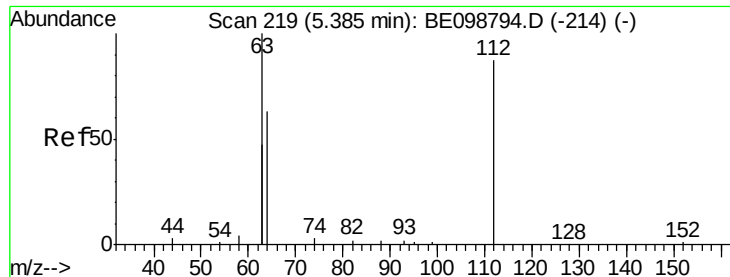
1,4-Dioxane
Concen: 1.163 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098949.D
Acq: 14 Mar 2019 18:40

Tgt Ion: 88 Resp: 1473
Ion Ratio Lower Upper
88 100
58 95.1 75.8 113.6
43 71.2 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: 0.151 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190312

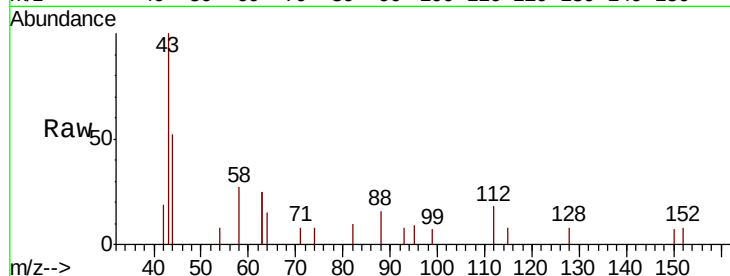
Tot Ion:112 Resp: 340

Ion Ratio Lower Upper

112 100

64 72.4 57.9 86.9

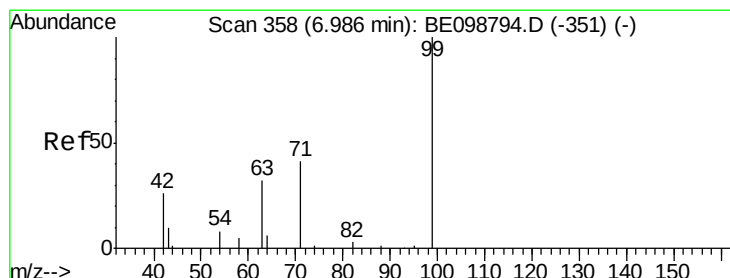
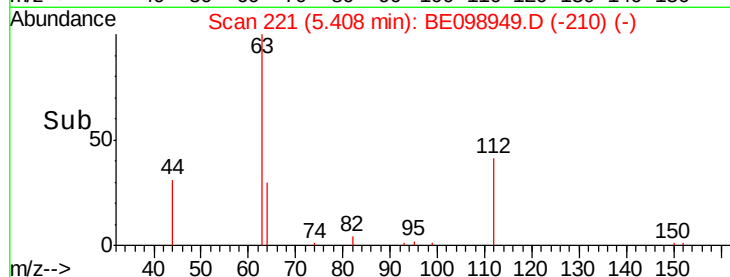
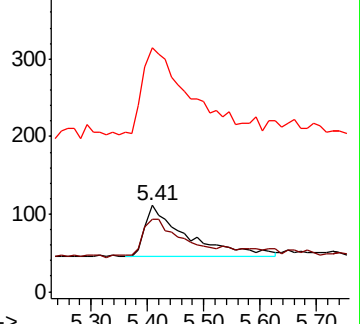
63 187.1 158.3 237.5



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



#5

Phenol-d6

Concen: 0.073 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

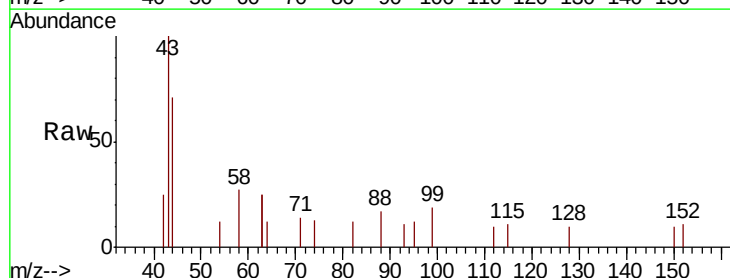
Tgt Ion: 99 Resp: 233

Ion Ratio Lower Upper

99 100

42 30.9 24.2 36.2

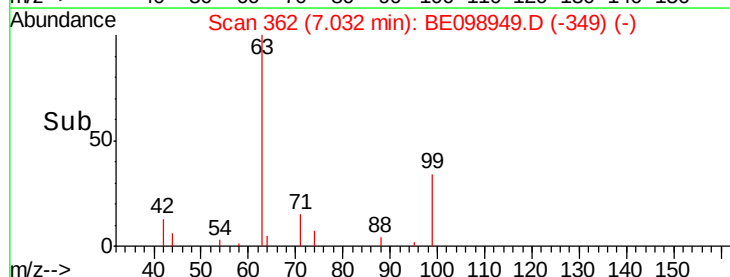
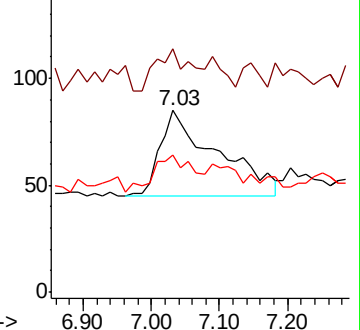
71 22.3 35.7 53.5#

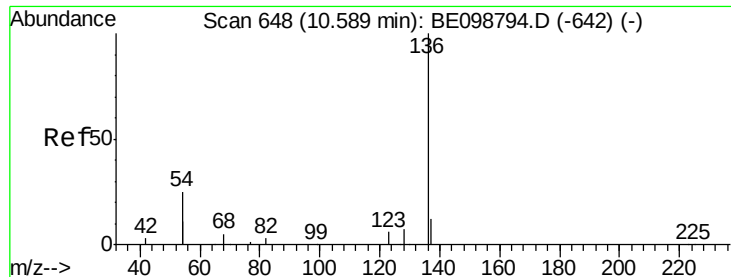


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098949.D

Acq: 14 Mar 2019 18:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190312

Tot Ion:136 Resp: 3328

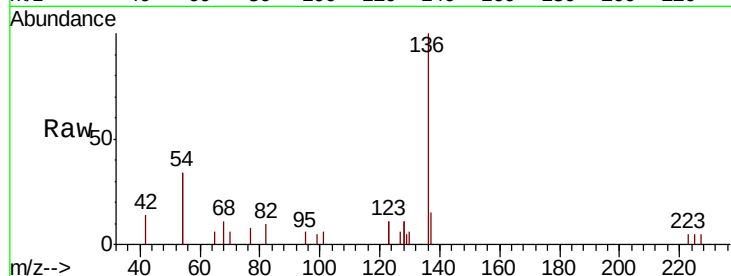
Ion Ratio Lower Upper

136 100

137 15.5 11.4 17.0

54 68.7 39.3 58.9#

68 11.5 6.7 10.1#

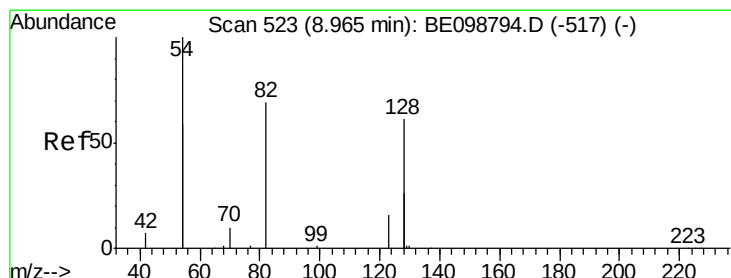
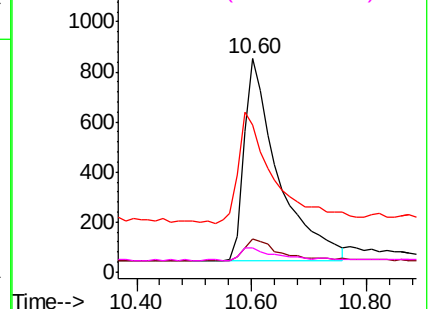
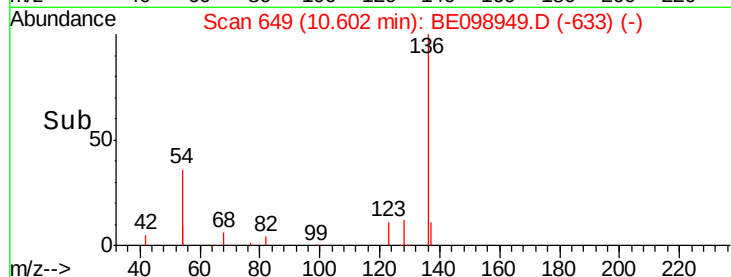


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.286 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

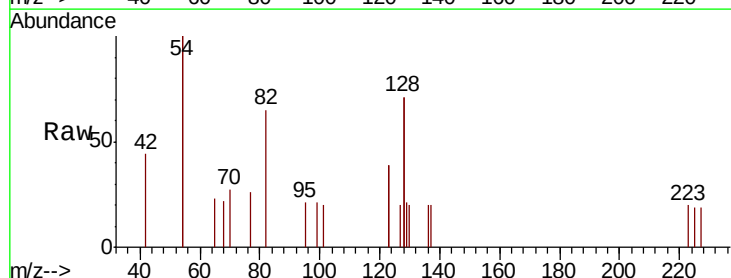
Tgt Ion: 82 Resp: 998

Ion Ratio Lower Upper

82 100

128 215.9 123.8 185.8#

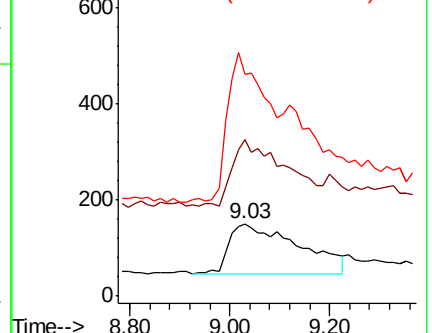
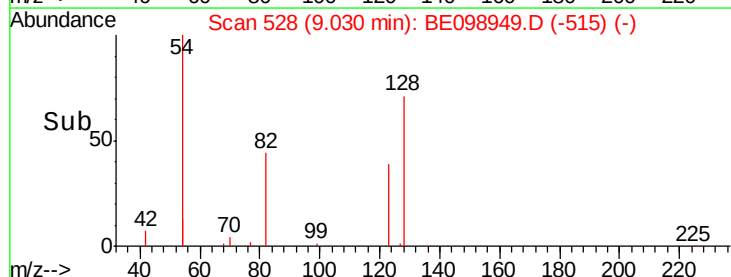
54 306.0 203.4 305.2#

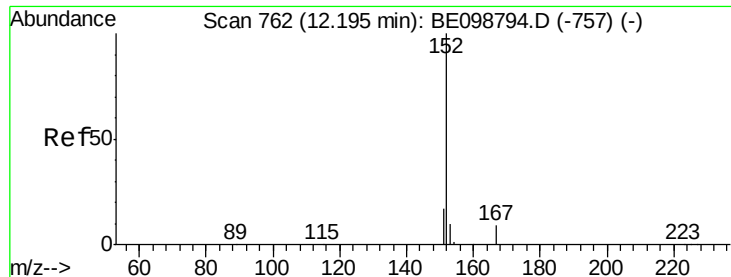


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

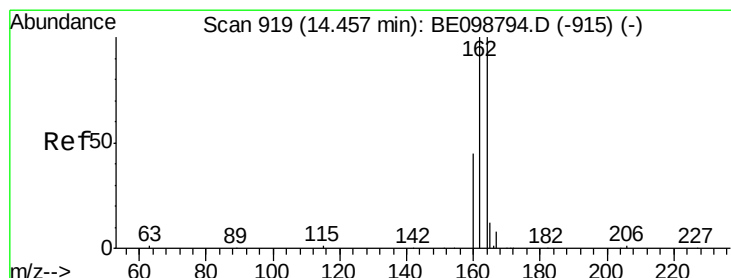
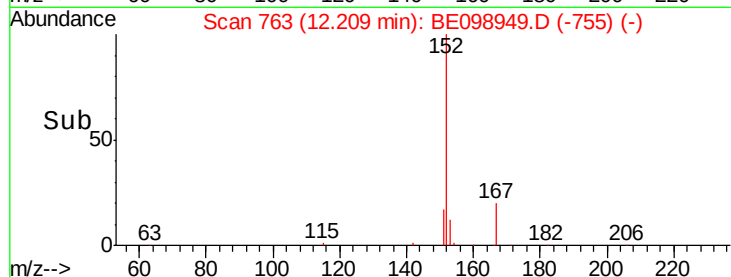
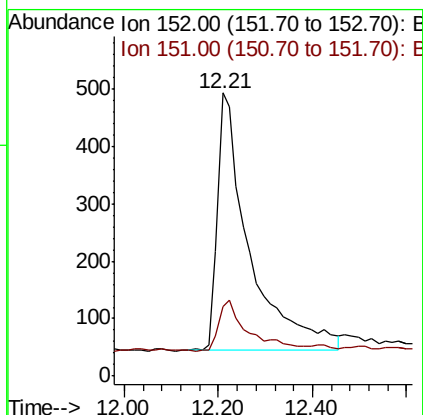
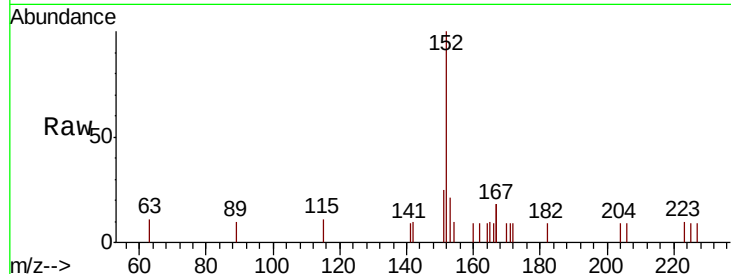




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098949.D
Acq: 14 Mar 2019 18:40

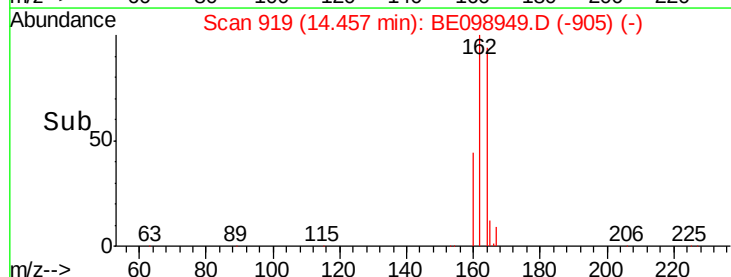
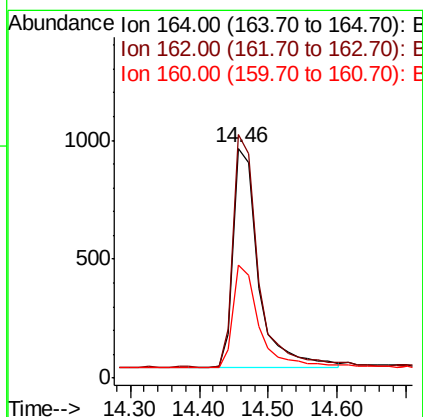
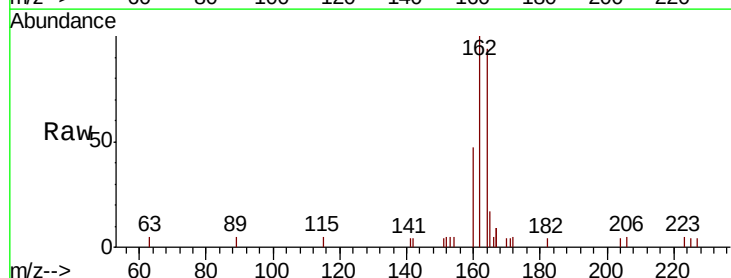
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20190312

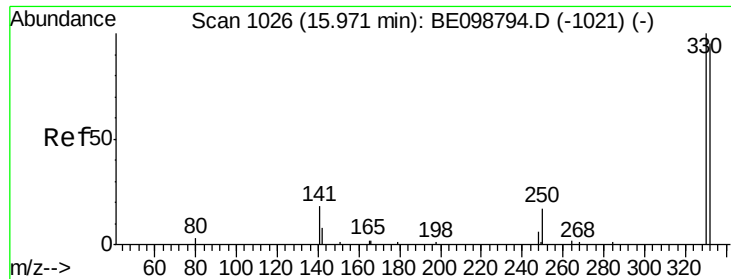
Tot Ion:152 Resp: 2107
Ion Ratio Lower Upper
152 100
151 17.8 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098949.D
Acq: 14 Mar 2019 18:40

Tgt Ion:164 Resp: 2326
Ion Ratio Lower Upper
164 100
162 105.9 80.2 120.2
160 49.3 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.305 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190312

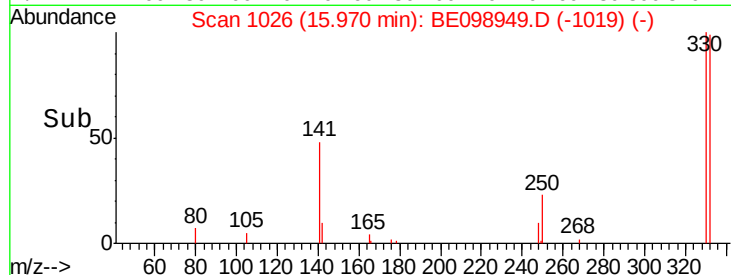
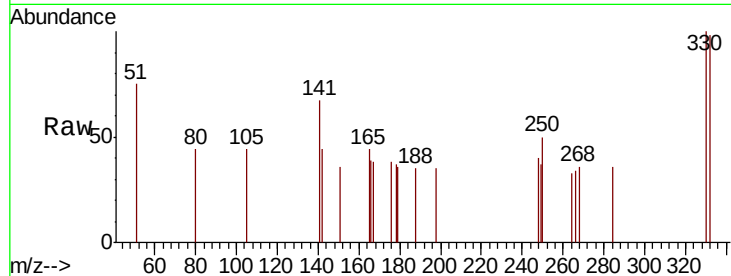
Tot Ion:330 Resp: 358

Ion Ratio Lower Upper

330 100

332 83.8 77.6 116.4

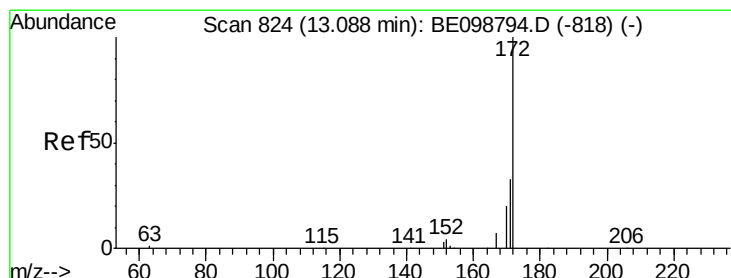
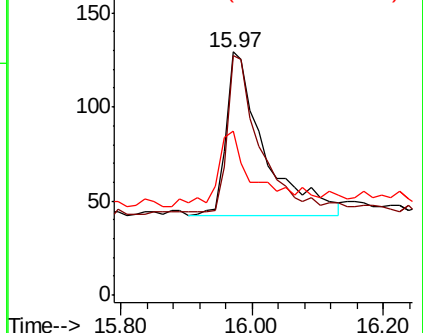
141 38.5 31.0 46.4



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: 0.450 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

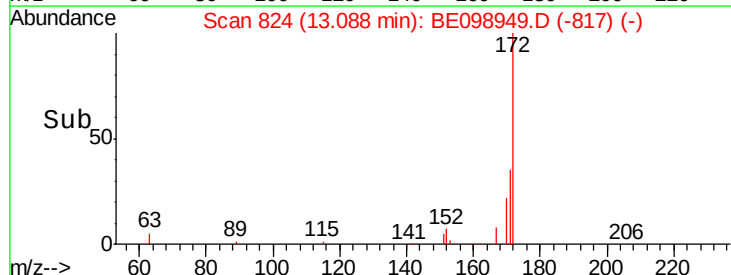
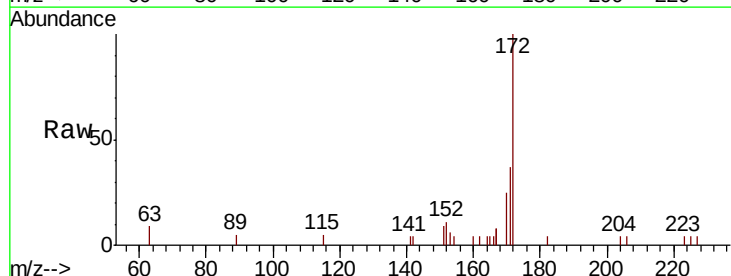
Tgt Ion:172 Resp: 4332

Ion Ratio Lower Upper

172 100

171 37.4 28.0 42.0

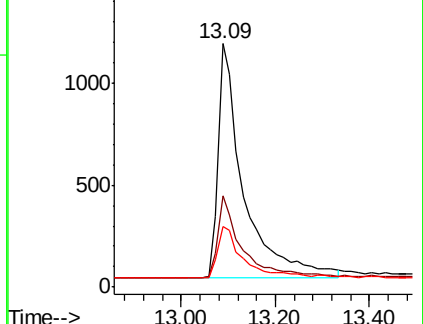
170 24.8 17.7 26.5

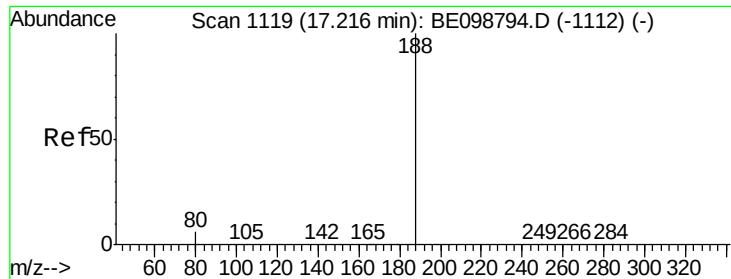


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE098949.D

Acq: 14 Mar 2019 18:40

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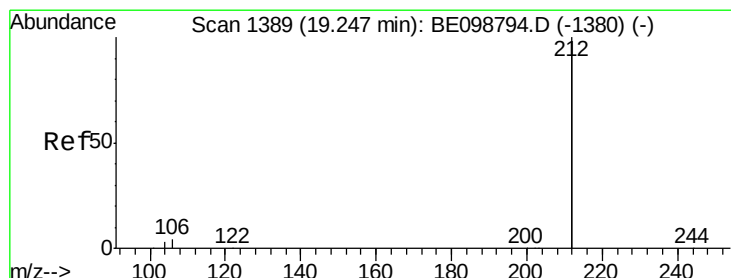
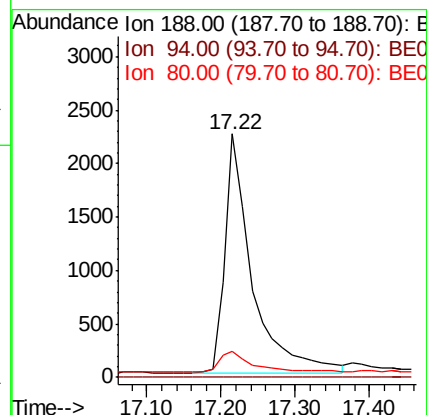
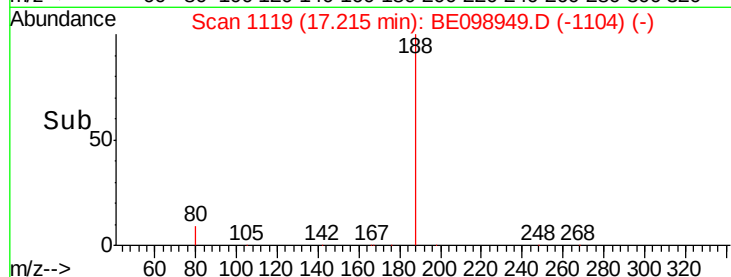
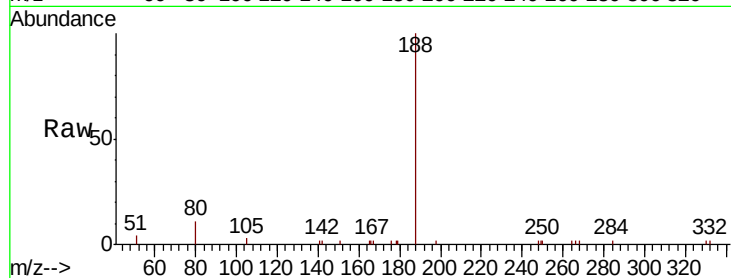
Tot Ion:188 Resp: 5704

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 6.3 9.5#



#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

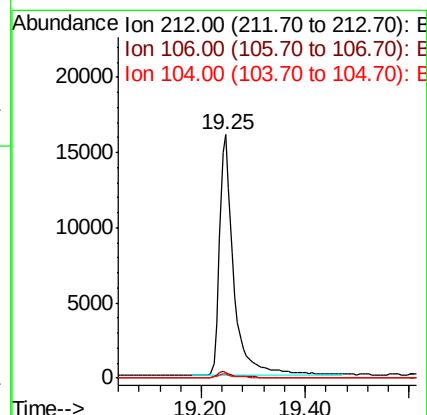
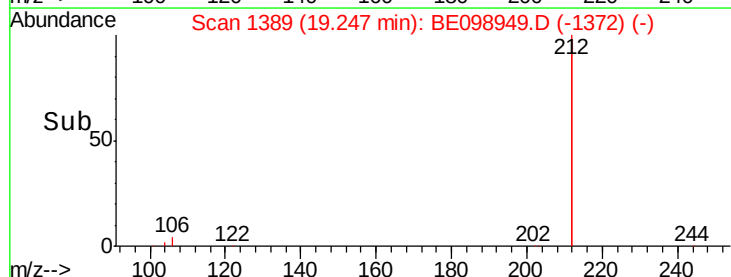
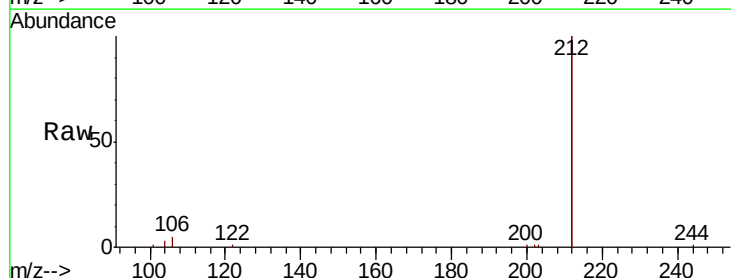
Tgt Ion:212 Resp: 30451

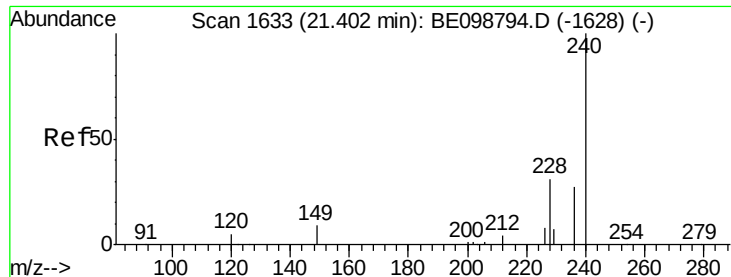
Ion Ratio Lower Upper

212 100

106 2.3 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: BE098949.D

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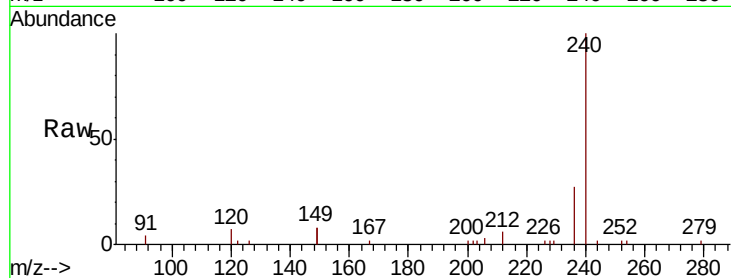
Tot Ion:240 Resp: 6771

Ion Ratio Lower Upper

240 100

120 7.5 5.0 7.4#

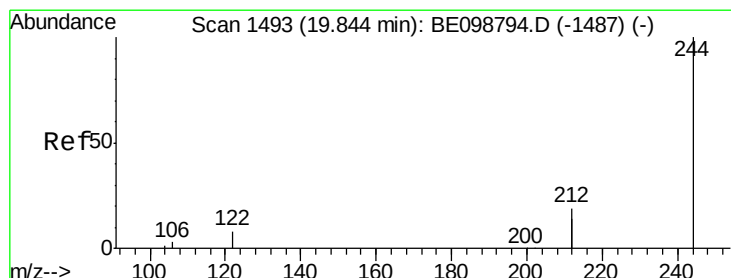
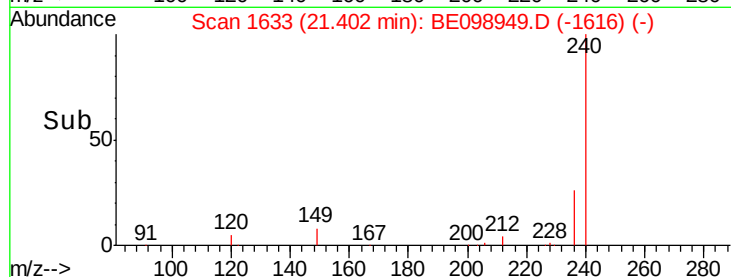
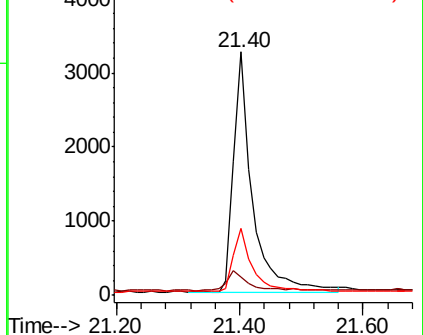
236 27.3 22.7 34.1



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: 0.465 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

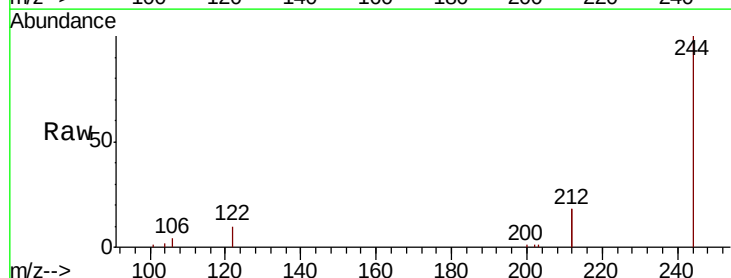
Tgt Ion:244 Resp: 7654

Ion Ratio Lower Upper

244 100

212 36.2 29.4 44.2

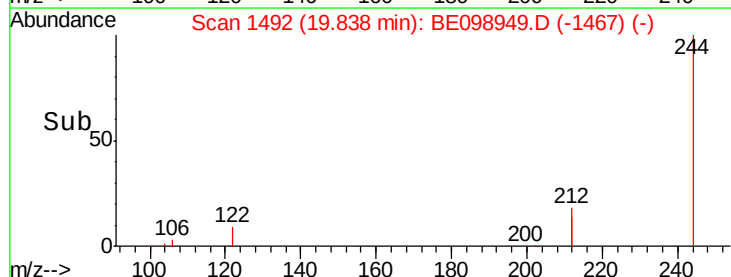
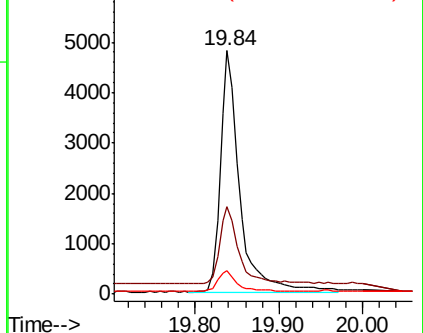
122 9.9 7.1 10.7

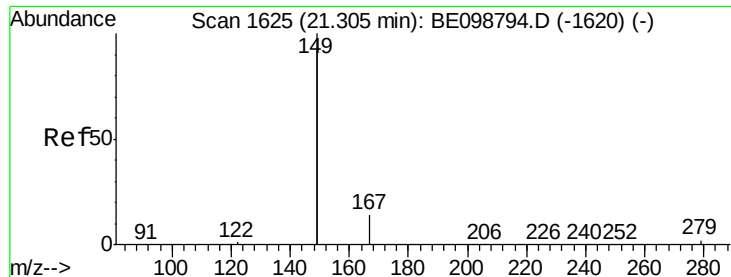


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098949.D

Acq: 14 Mar 2019 18:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20190312

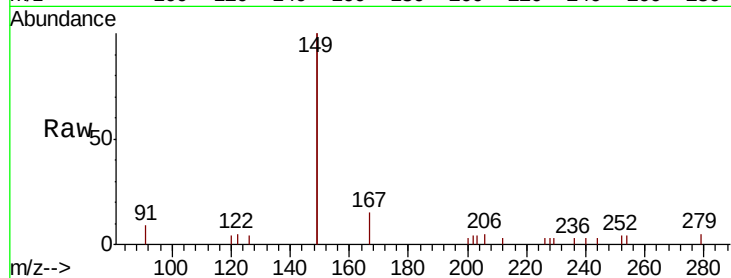
Tot Ion:149 Resp: 3149

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

279 1.9 1.0 1.4#

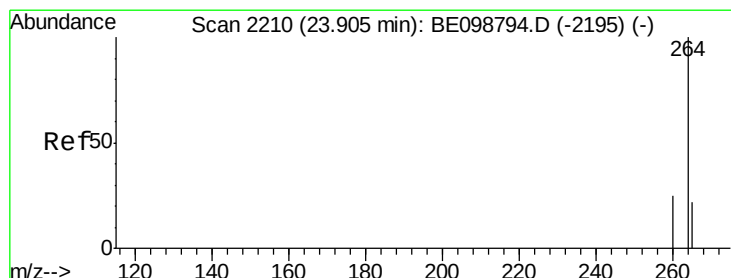
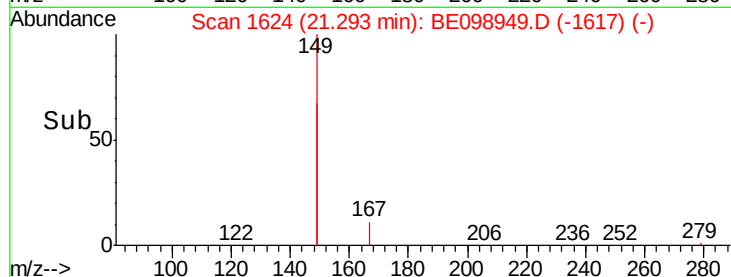
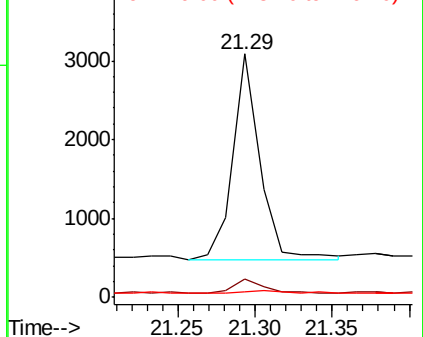


Abundance

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: BE098949.D

Acq: 14 Mar 2019 18:40

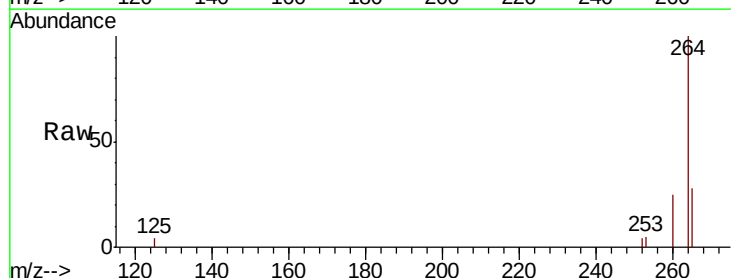
Tgt Ion:264 Resp: 6497

Ion Ratio Lower Upper

264 100

260 24.7 21.2 31.8

265 28.2 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

