

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098658.D
 Acq On : 17 Jan 2019 22:04
 Operator : SJ/JU
 Sample : K1176-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-7

Quant Time: Jan 18 01:57:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

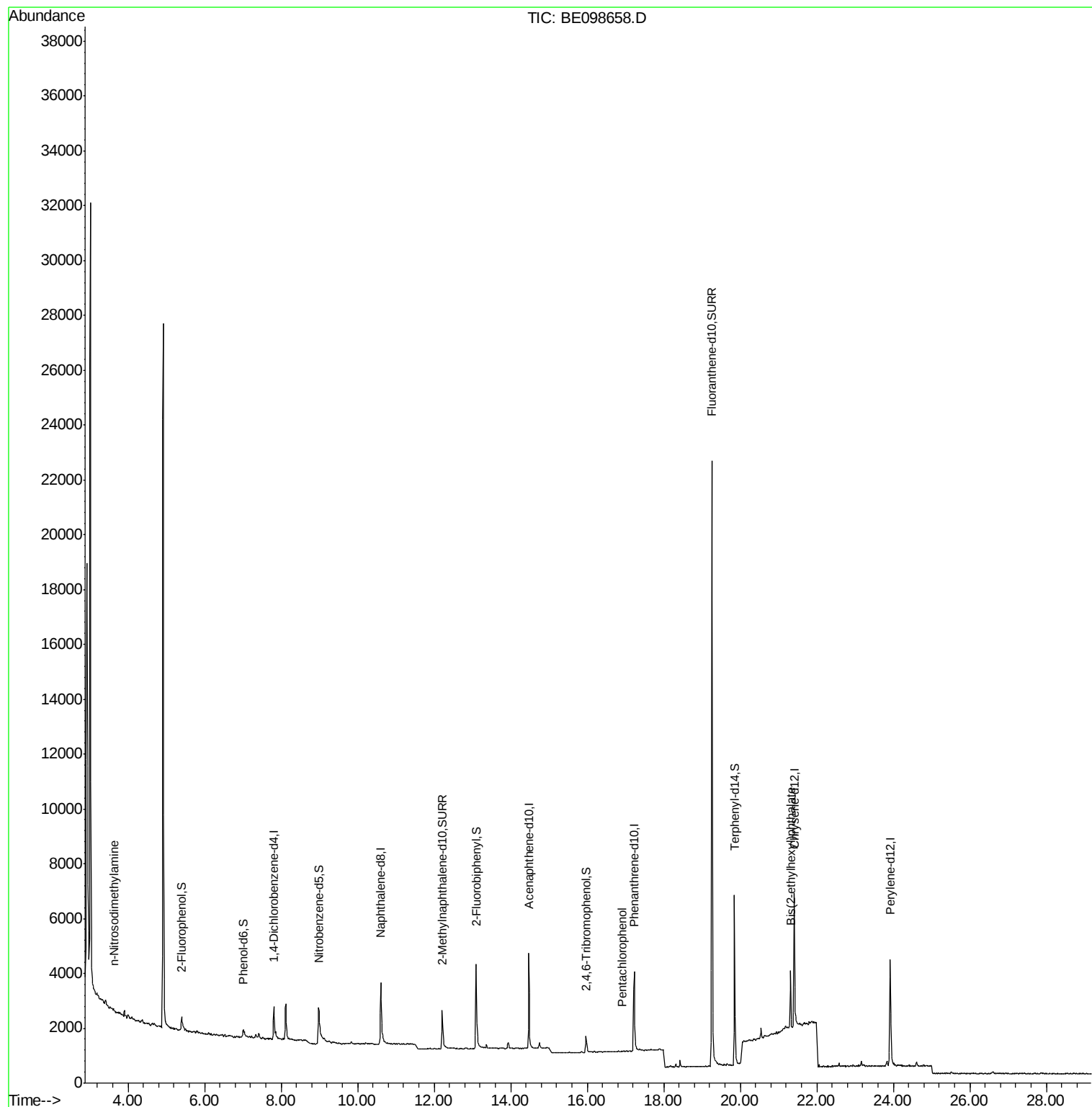
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	732	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3233	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2277	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5481	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6378	0.40	ng	0.00
34) Perylene-d12	23.92	264	6076	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	353	0.18	ng	0.00
5) Phenol-d6	7.01	99	328	0.12	ng	0.01
8) Nitrobenzene-d5	8.98	82	1029	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2500	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	460	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4401	0.47	ng	0.01
25) Fluoranthene-d10	19.26	212	31641	0.47	ng	0.00
29) Terphenyl-d14	19.86	244	6175	0.44	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.62	42	39	0.153	ng	# 13
22) Pentachlorophenol	16.92	266	13	0.213	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.32	149	2767	0.076	ng	# 97

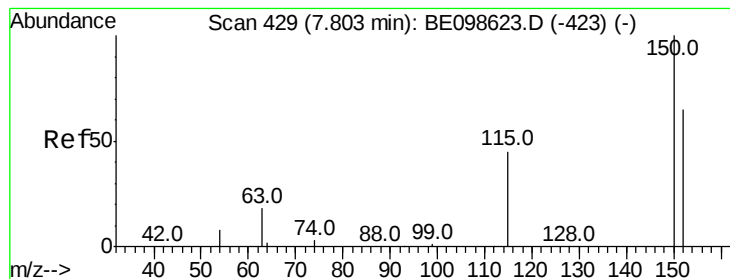
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

Instrument :

BNA_E

ClientSampleId :

MW-7

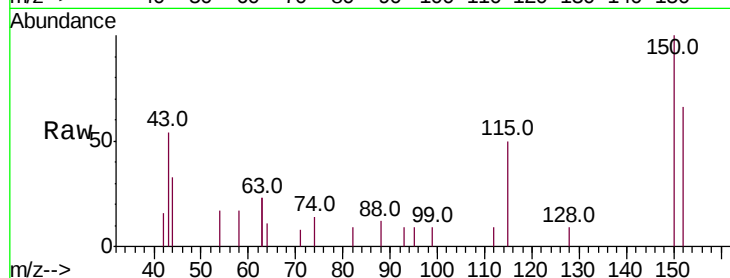
Tot Ion:152 Resp: 732

Ion Ratio Lower Upper

152 100

150 150.4 121.4 182.2

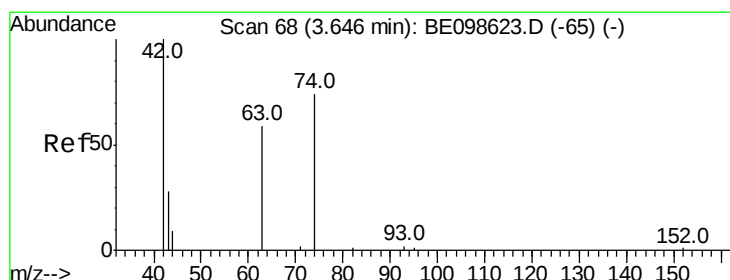
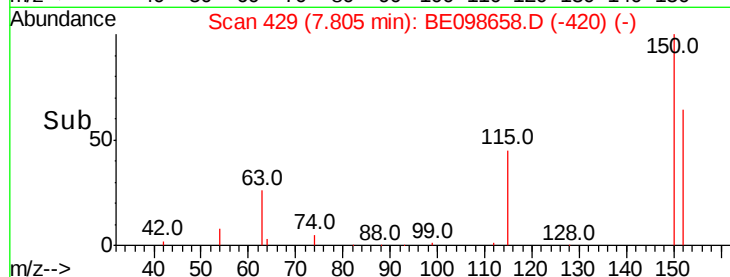
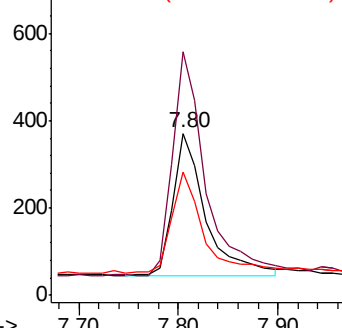
115 75.7 59.1 88.7



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



#3

n-Nitrosodimethylamine

Concen: 0.153 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

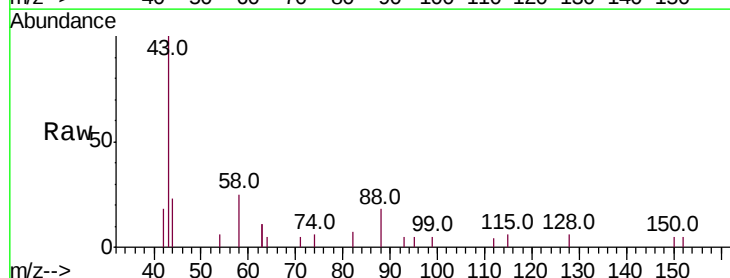
Tgt Ion: 42 Resp: 39

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

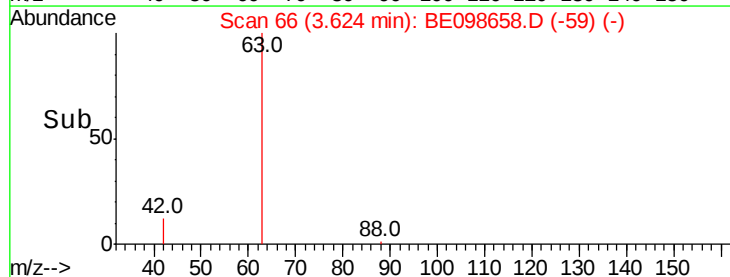
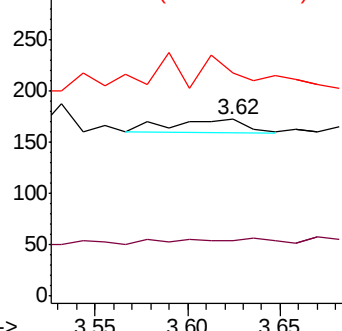
44 0.0 0.0 0.0

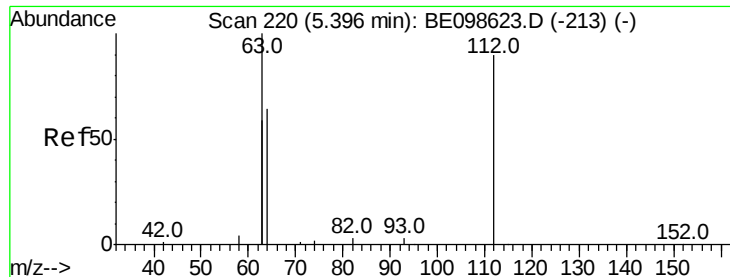


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

Instrument :

BNA_E

ClientSampleId :

MW-7

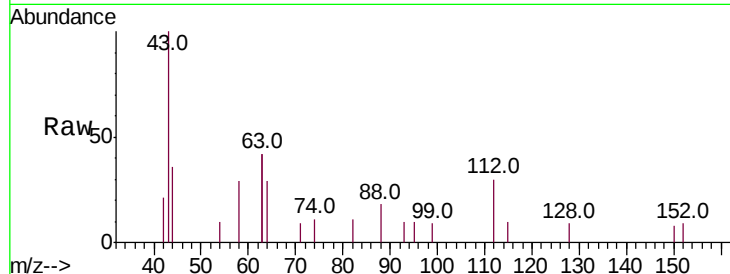
Tot Ion:112 Resp: 353

Ion Ratio Lower Upper

112 100

64 87.8 62.9 94.3

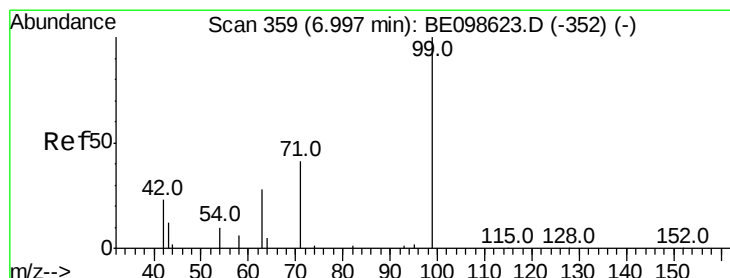
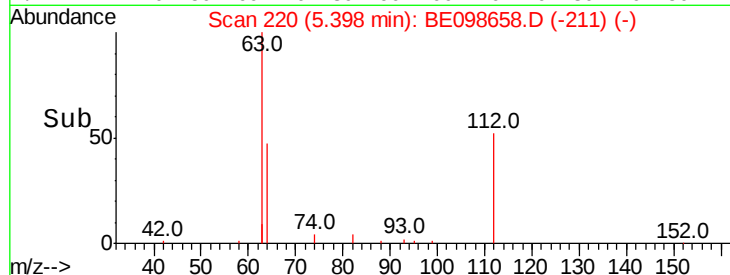
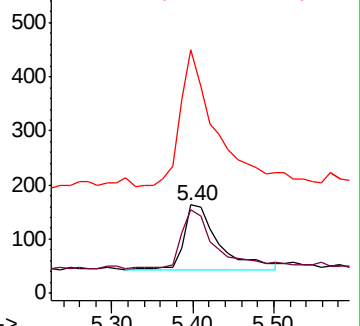
63 227.2 152.2 228.4



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: 0.118 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

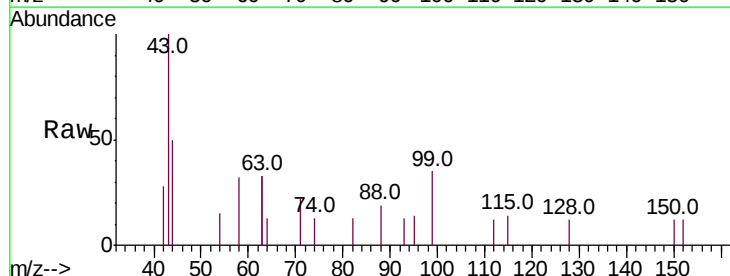
Tgt Ion: 99 Resp: 328

Ion Ratio Lower Upper

99 100

42 35.7 24.6 37.0

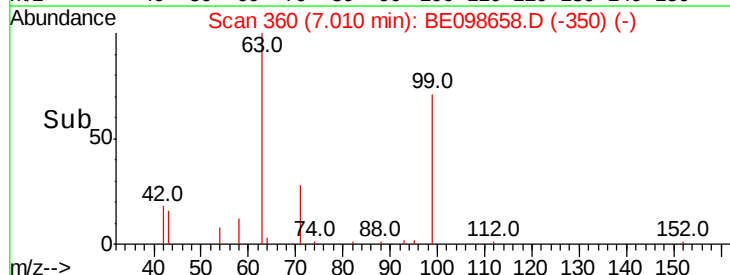
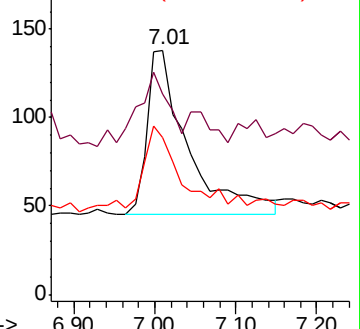
71 43.6 35.1 52.7

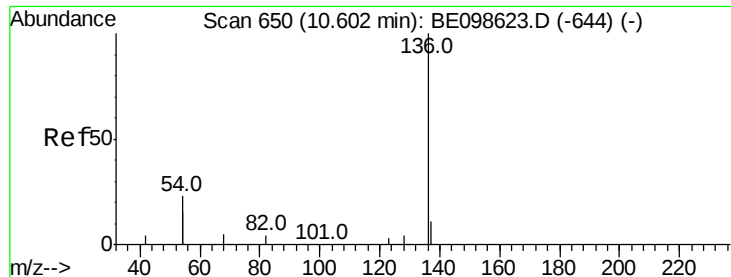


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. -0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

Instrument :

BNA_E

ClientSampleId :

MW-7

Tot Ion:136 Resp: 3233

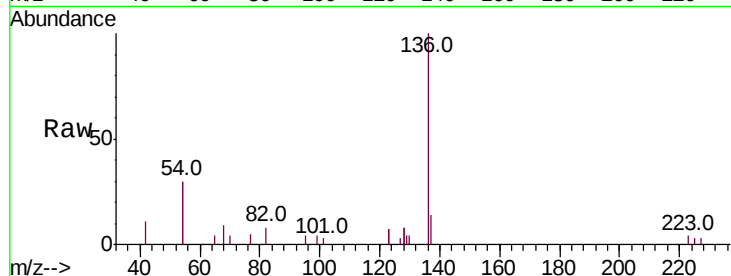
Ion Ratio Lower Upper

136 100

137 14.2 9.7 14.5

54 59.8 35.5 53.3#

68 9.2 5.0 7.6#

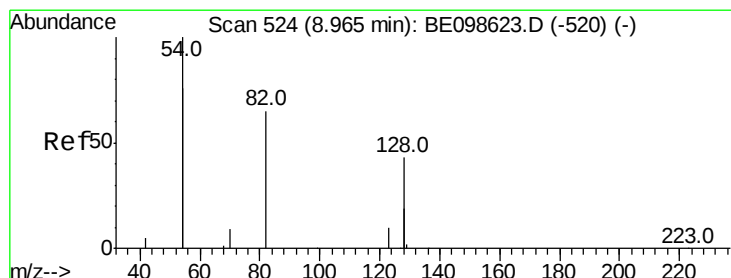
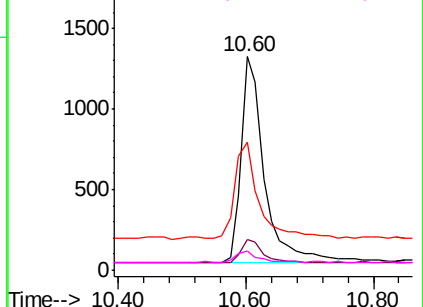
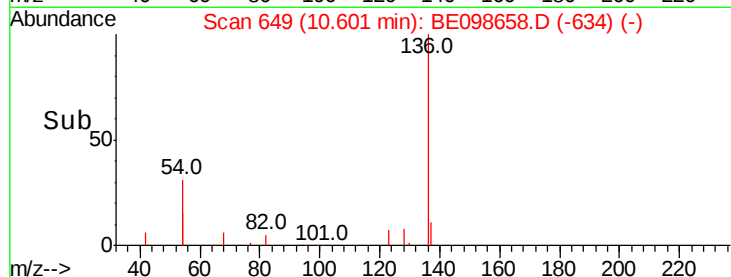


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

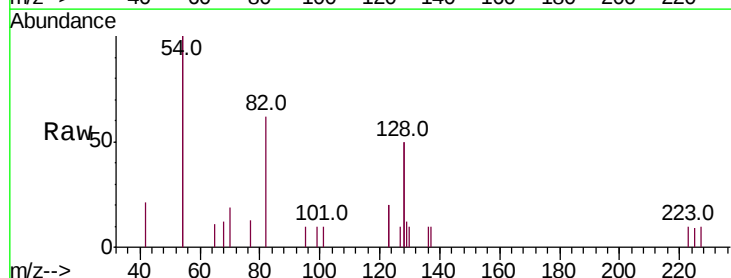
Tgt Ion: 82 Resp: 1029

Ion Ratio Lower Upper

82 100

128 161.8 96.5 144.7#

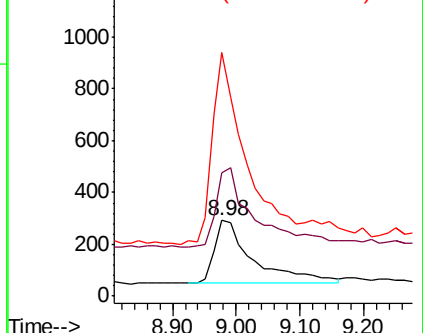
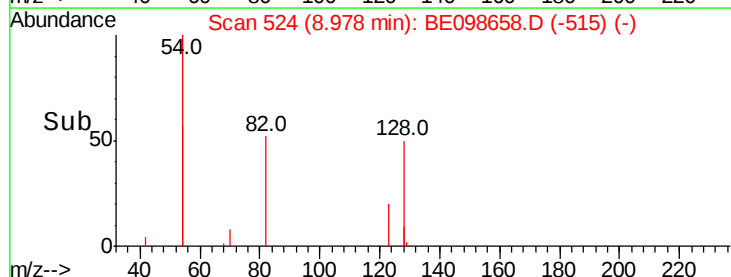
54 320.8 224.7 337.1

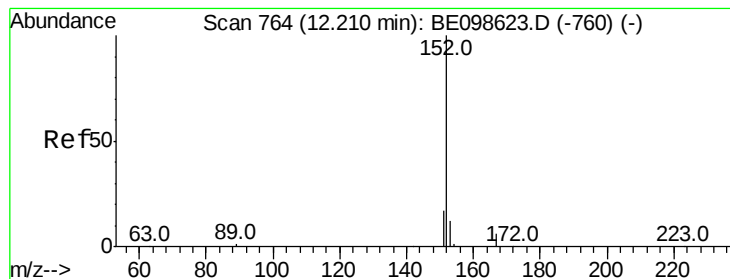


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.470 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

Instrument :

BNA_E

ClientSampleId :

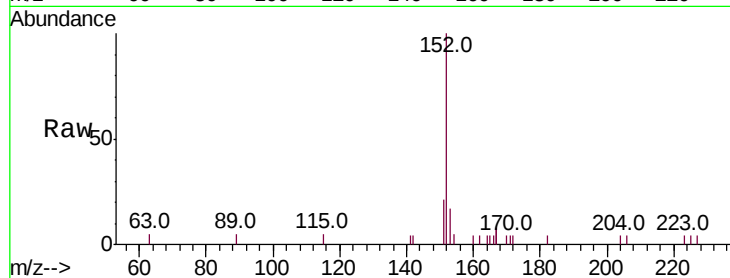
MW-7

Tot Ion:152 Resp: 2500

Ion Ratio Lower Upper

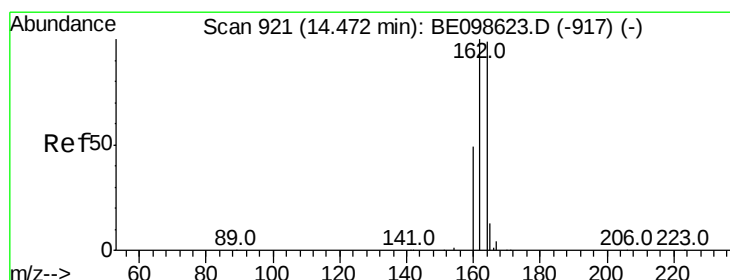
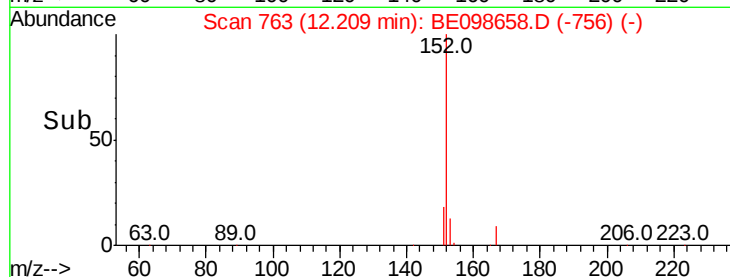
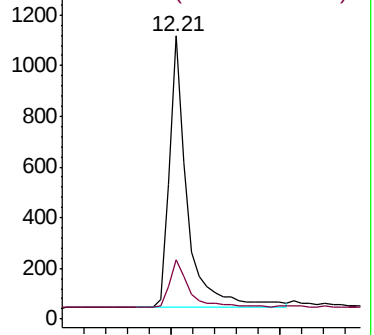
152 100

151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

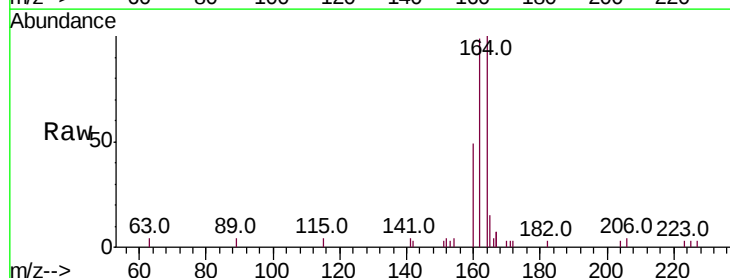
Tgt Ion:164 Resp: 2277

Ion Ratio Lower Upper

164 100

162 99.1 80.5 120.7

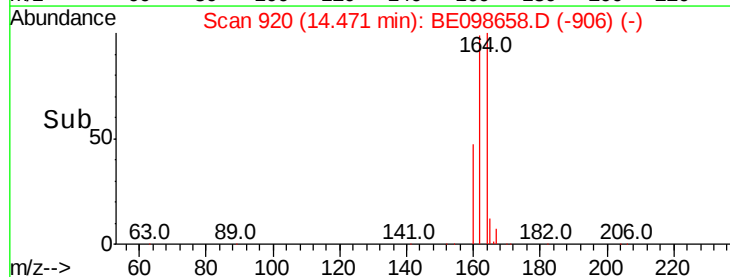
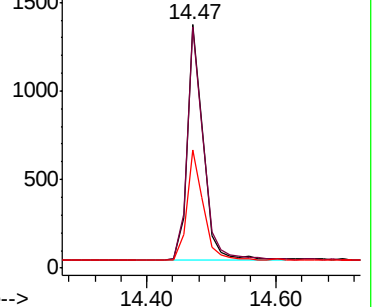
160 48.8 40.1 60.1

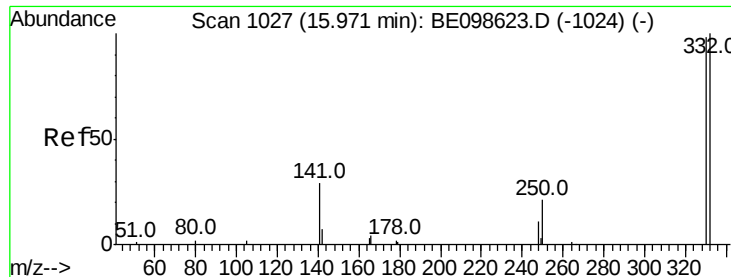


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

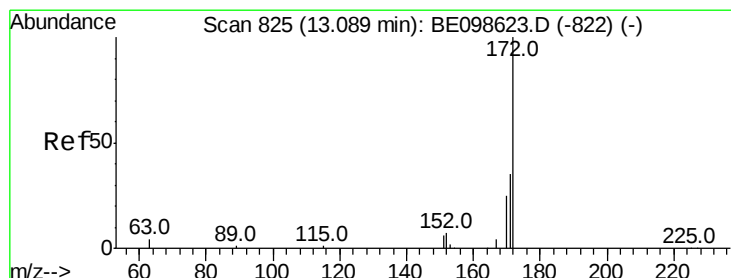
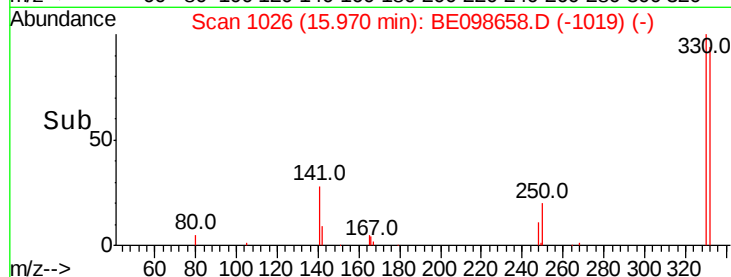
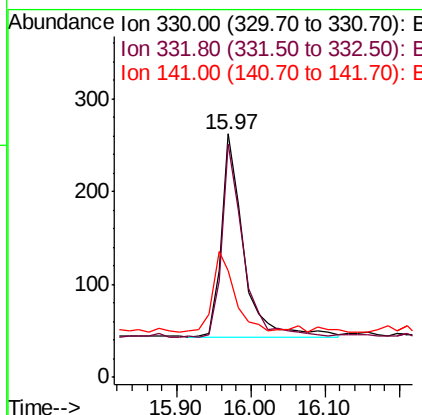
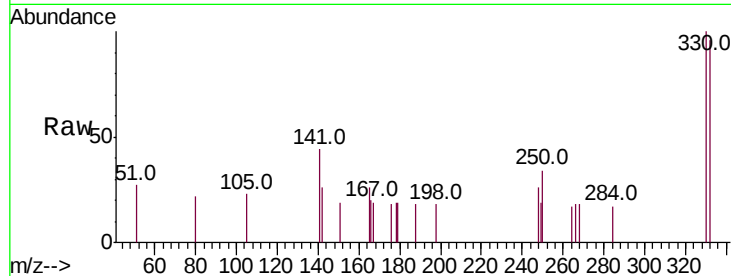




#14
 2,4,6-Tribromophenol
 Concen: 0.464 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098658.D
 Acq: 17 Jan 2019 22:04

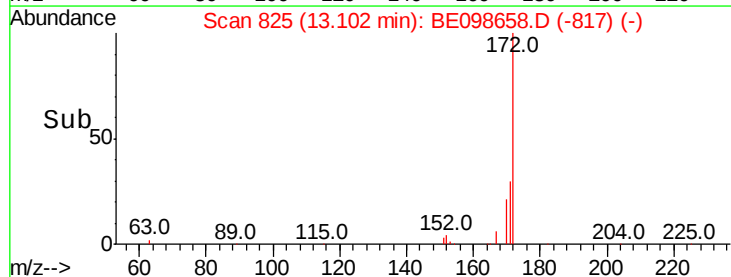
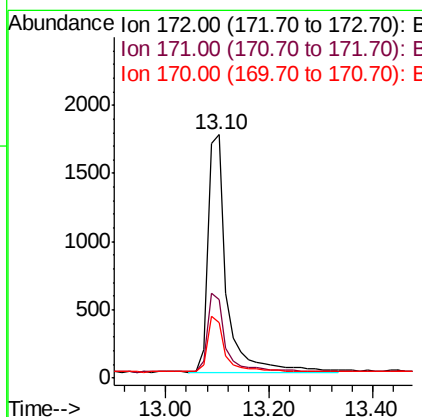
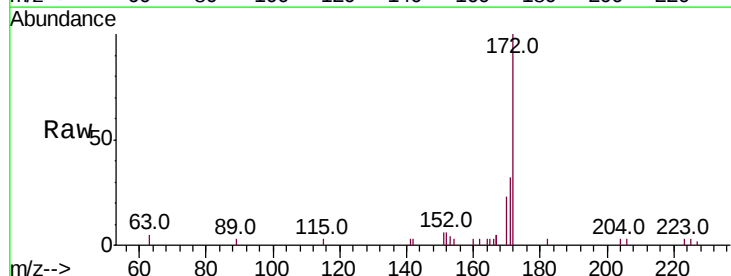
Instrument :
 BNA_E
 ClientSampleId :
 MW-7

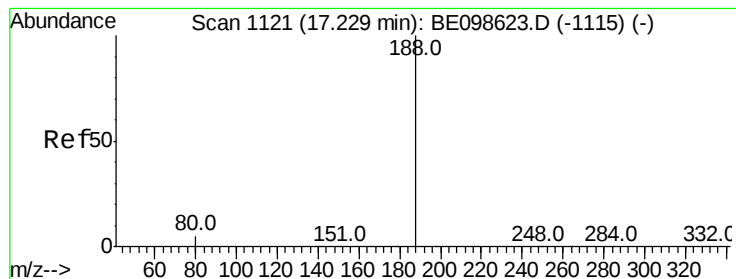
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.0	73.3	109.9
141	41.3	33.1	49.7



#15
 2-Fluorobiphenyl
 Concen: 0.472 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098658.D
 Acq: 17 Jan 2019 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.2	29.0	43.4
170	22.6	20.8	31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

Instrument :

BNA_E

ClientSampleId :

MW-7

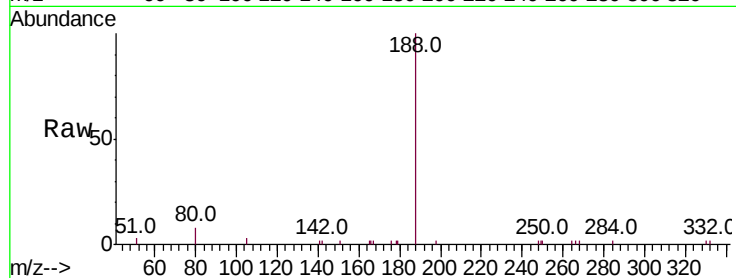
Tot Ion:188 Resp: 5481

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

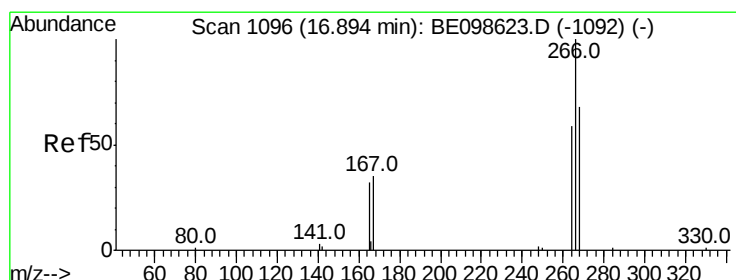
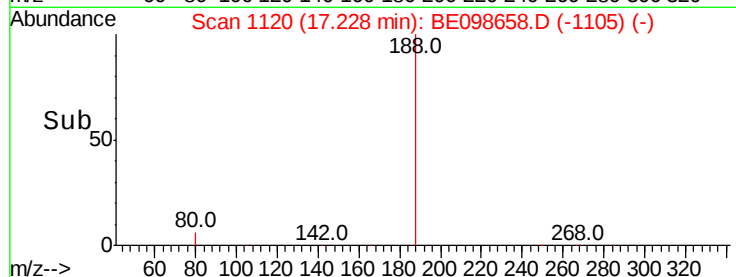
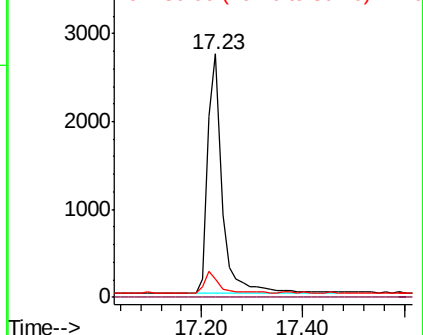
80 7.7 4.7 7.1#



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: 0.213 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

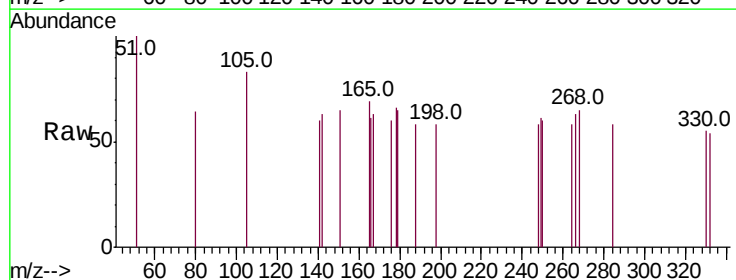
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 92.0 53.7 80.5#

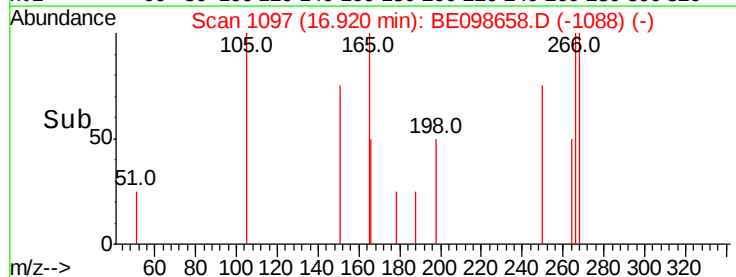
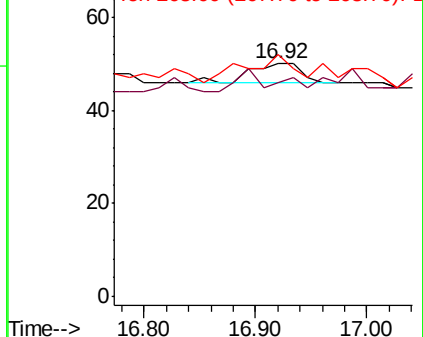
268 104.0 59.8 89.8#

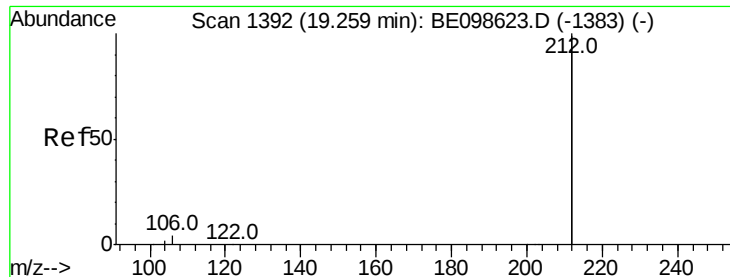


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.466 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

Instrument :

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ClientSampleId :

MW-7

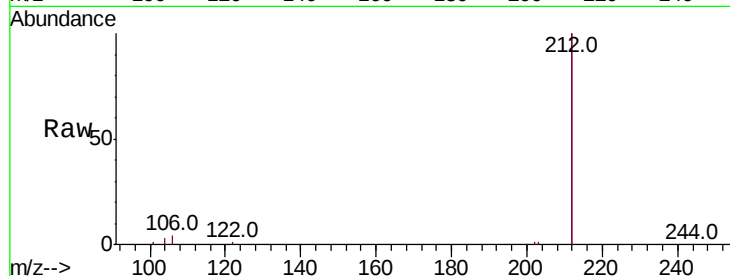
Tot Ion:212 Resp: 31641

Ion Ratio Lower Upper

212 100

106 2.0 1.7 2.5

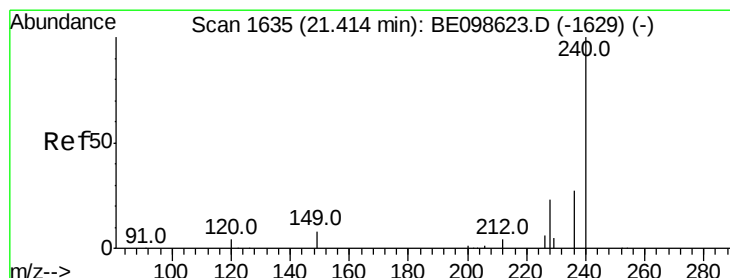
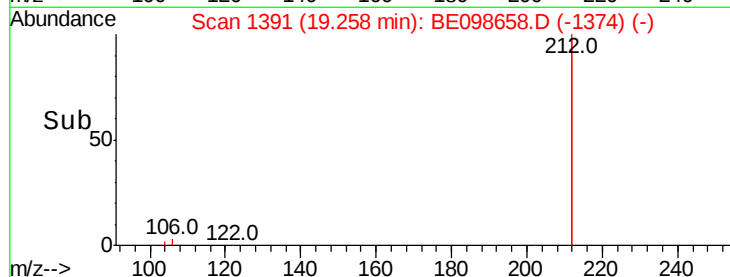
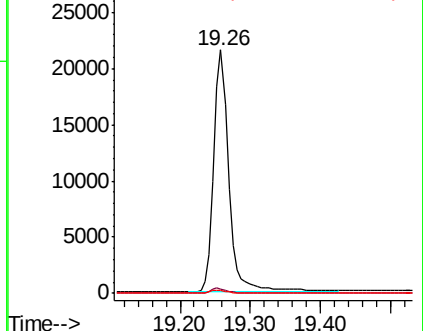
104 1.2 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

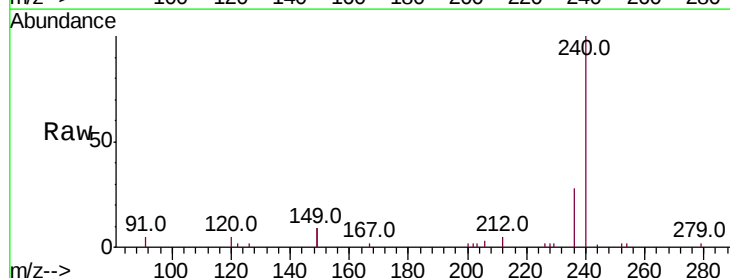
Tgt Ion:240 Resp: 6378

Ion Ratio Lower Upper

240 100

120 4.9 4.7 7.1

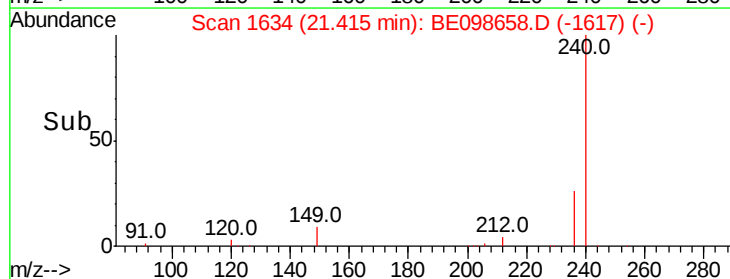
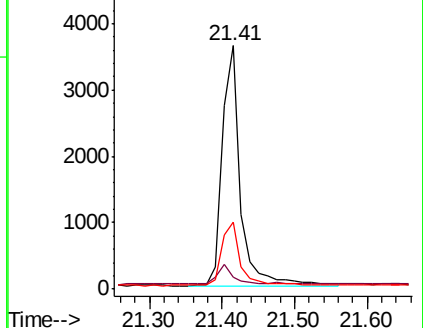
236 27.5 21.9 32.9

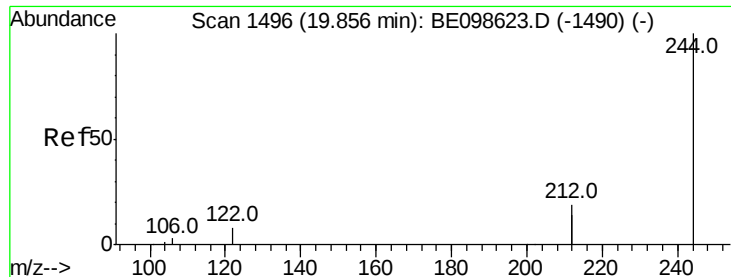


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

Instrument :

BNA_E

ClientSampled :

MW-7

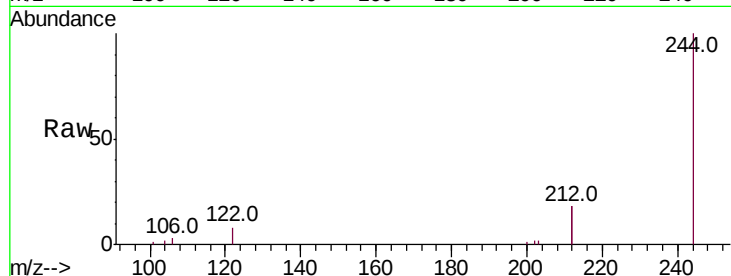
Tot Ion:244 Resp: 6175

Ion Ratio Lower Upper

244 100

212 36.5 29.4 44.2

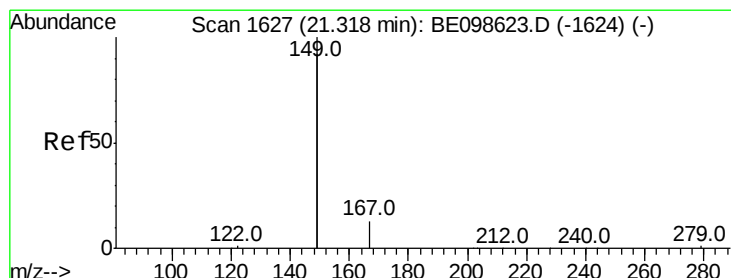
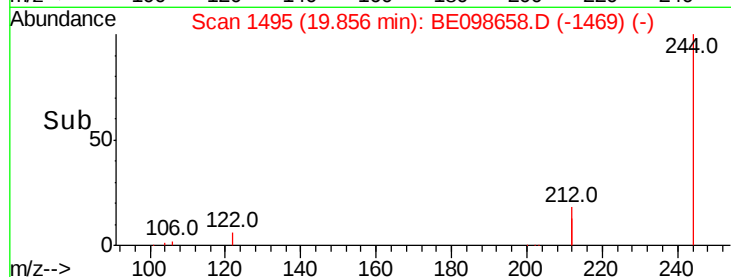
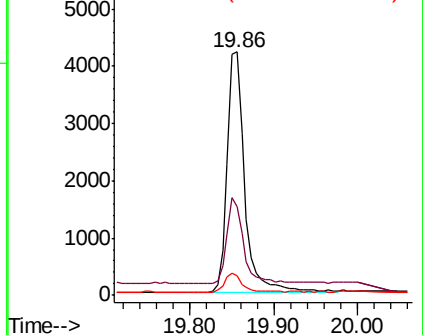
122 7.8 7.1 10.7



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: 0.076 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098658.D

Acq: 17 Jan 2019 22:04

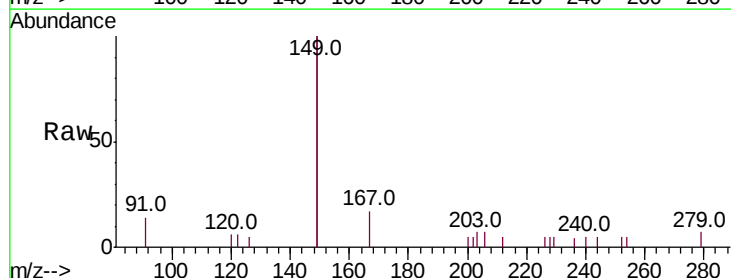
Tgt Ion:149 Resp: 2767

Ion Ratio Lower Upper

149 100

167 8.0 5.4 8.2

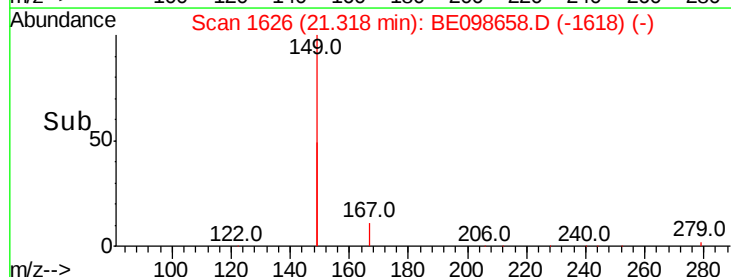
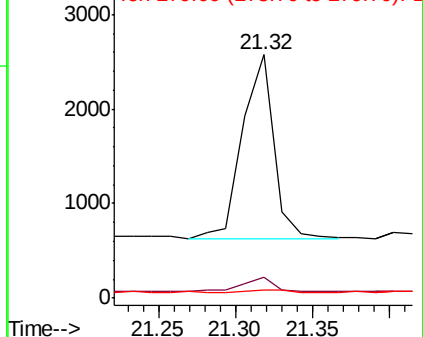
279 1.8 1.0 1.4#

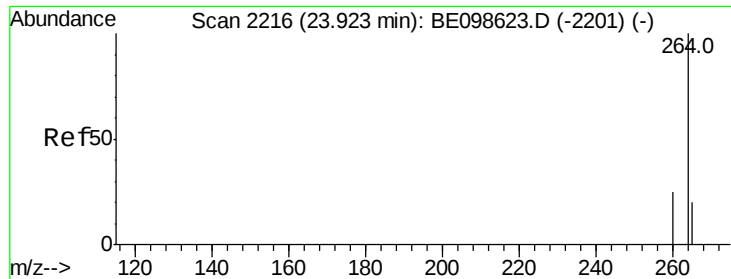


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BE098658.D
 Acq: 17 Jan 2019 22:04

Instrument :
 BNA_E
 ClientSampleId :
 MW-7

Tot Ion:264 Resp: 6076
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.5 30.7
 265 28.5 22.3 33.5

