

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098634.D
 Acq On : 15 Jan 2019 19:00
 Operator : SJ/JU
 Sample : K1029-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW12 123118

Quant Time: Jan 16 00:43:19 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

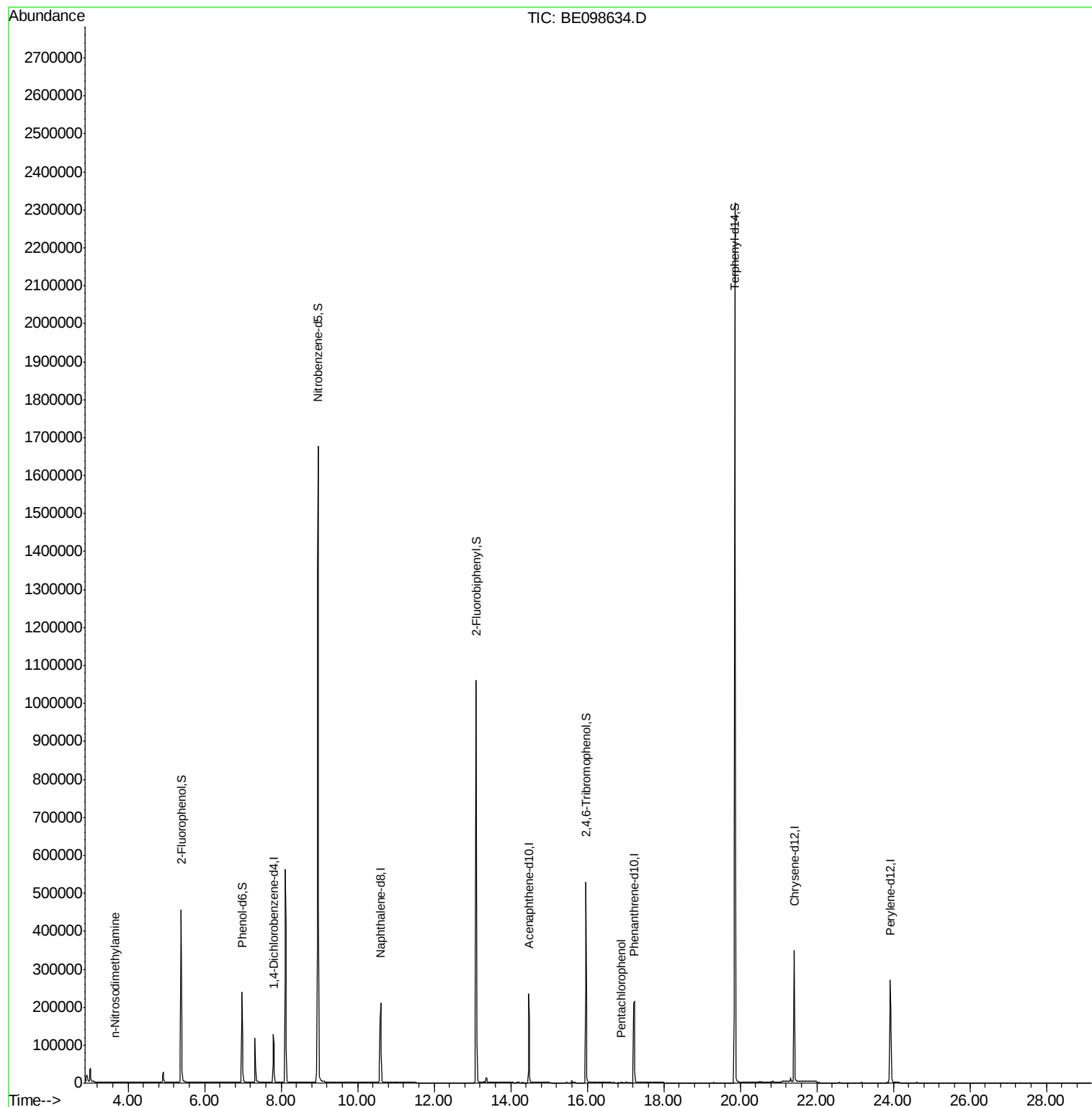
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	59165	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	235974	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	149687	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	361648	0.40	ng	0.00
27) Chrysene-d12	21.42	240	406997	0.40	ng	0.00
34) Perylene-d12	23.92	264	414350	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	201740	1.28	ng	0.00
5) Phenol-d6	6.98	99	180816	0.80	ng	-0.02
8) Nitrobenzene-d5	8.96	82	585042	3.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	40	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	285187	4.38	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	1160115	1.89	ng	0.01
25) Fluoranthene-d10	19.26	212	21	0.00	ng	0.00
29) Terphenyl-d14	19.86	244	1993610	2.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	137	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.67	42	26	0.128 ng	#	63
22) Pentachlorophenol	16.89	266	50	0.204 ng	#	80

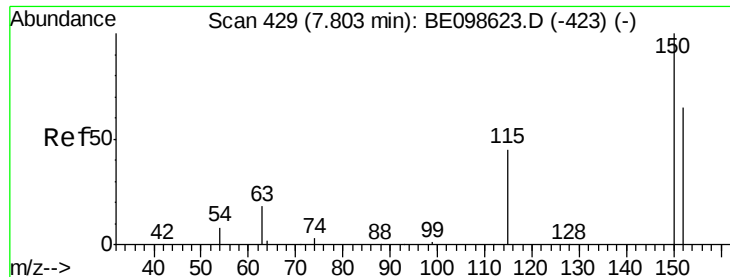
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. -0.01 min

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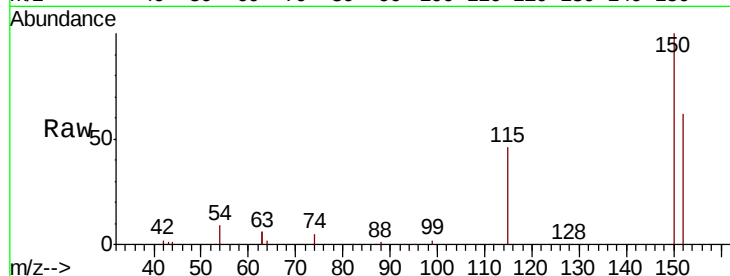
Tgt Ion: 152 Resp: 59165

Ion Ratio Lower Upper

152 100

150 160.6 121.4 182.2

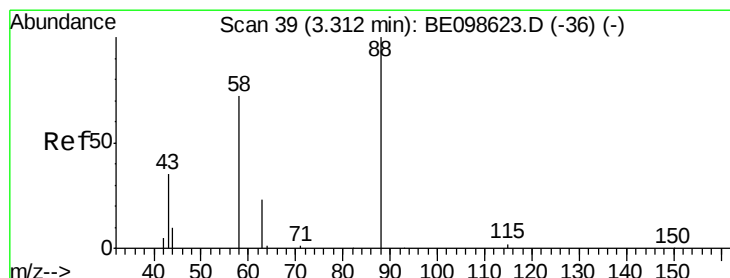
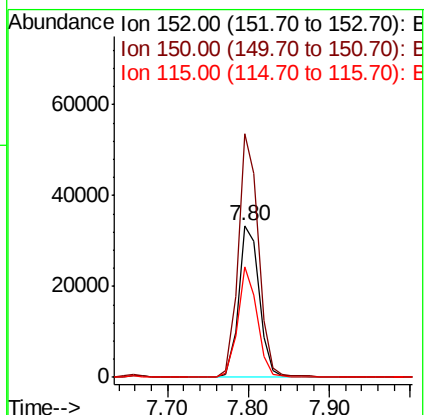
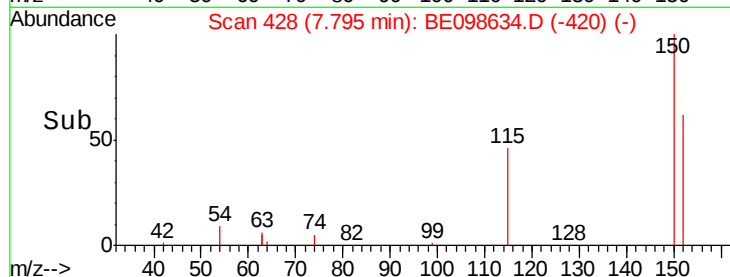
115 73.3 59.1 88.7



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.26 min Scan# 34

Delta R.T. -0.05 min

Lab File: BE098634.D

Acq: 15 Jan 2019 19:00

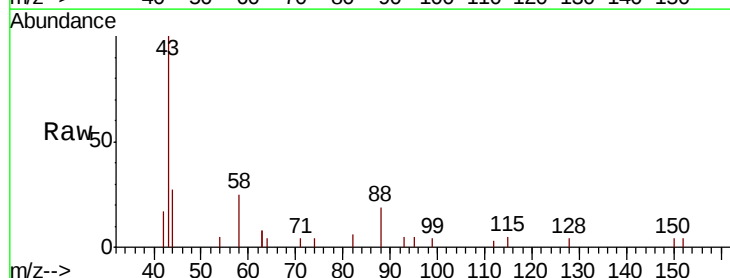
Tgt Ion: 88 Resp: 137

Ion Ratio Lower Upper

88 100

58 0.0 73.9 110.9#

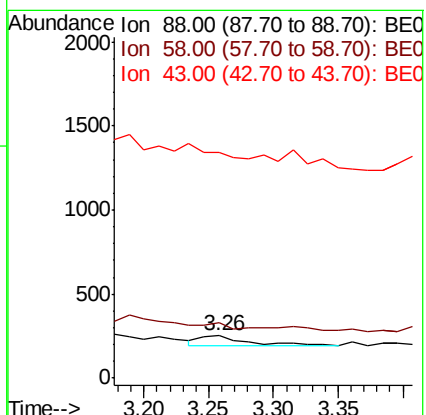
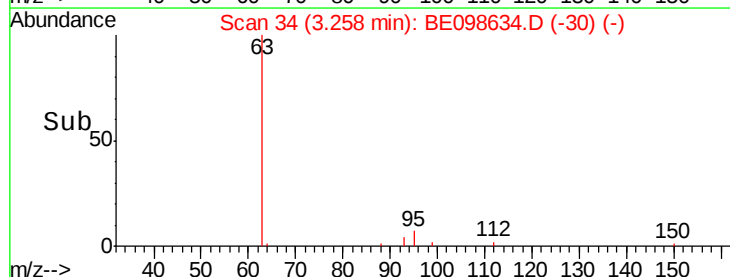
43 0.0 43.7 65.5#

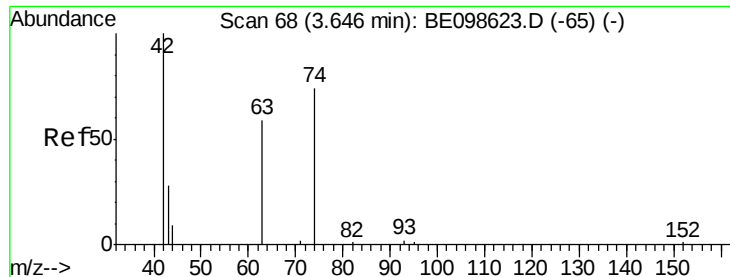


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.128 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.03 min

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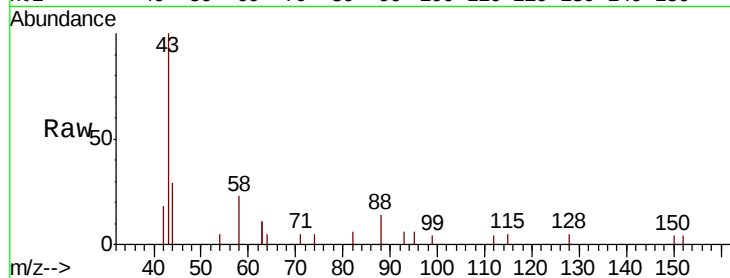
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

74 42.3 58.9 88.3#

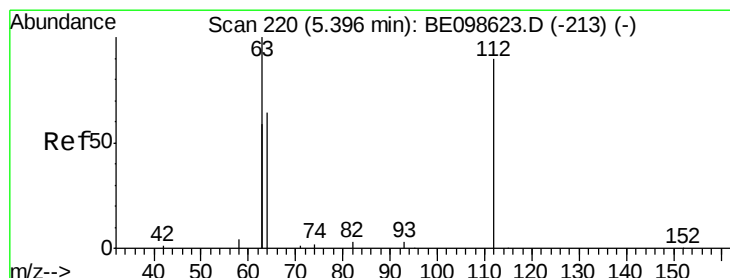
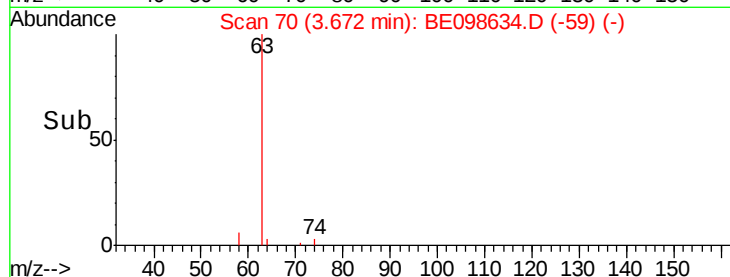
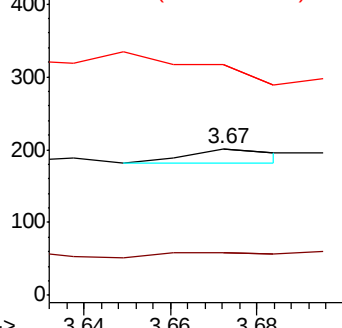
44 0.0 0.0 0.0



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: 1.278 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE098634.D

Acq: 15 Jan 2019 19:00

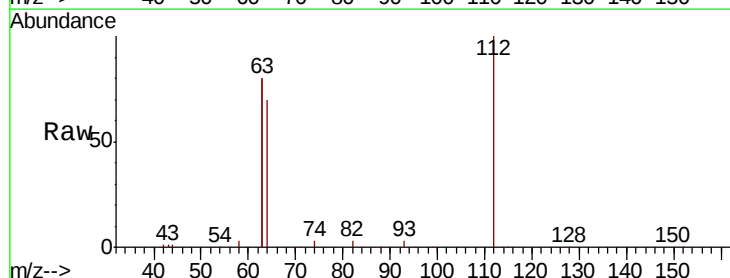
Tgt Ion: 112 Resp: 201740

Ion Ratio Lower Upper

112 100

64 80.0 62.9 94.3

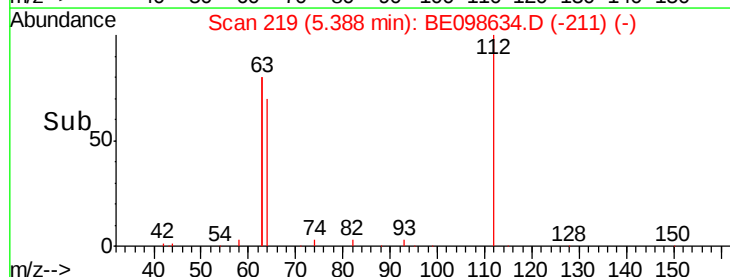
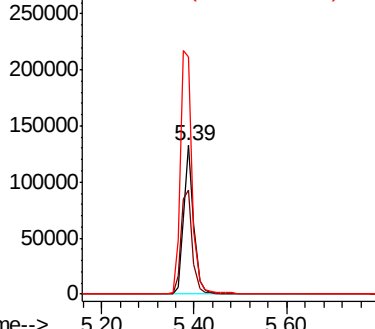
63 192.5 152.2 228.4

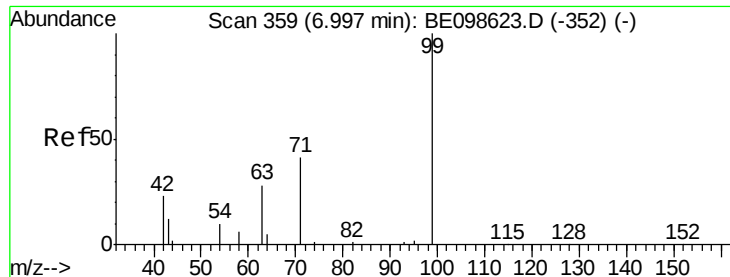


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.805 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098634.D

Acq: 15 Jan 2019 19:00

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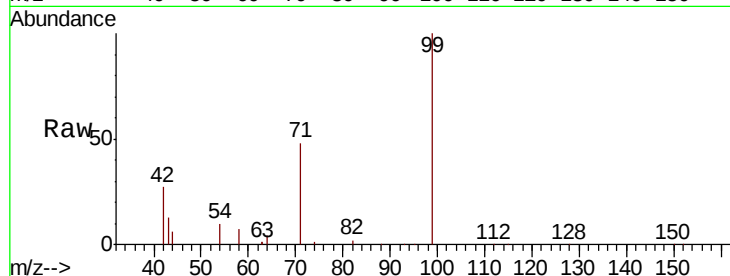
Tgt Ion: 99 Resp: 180816

Ion Ratio Lower Upper

99 100

42 32.5 24.6 37.0

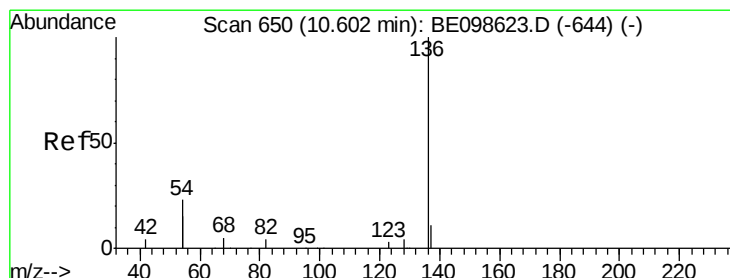
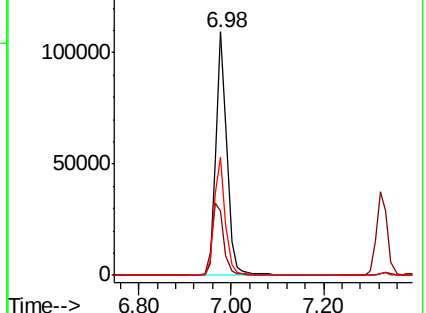
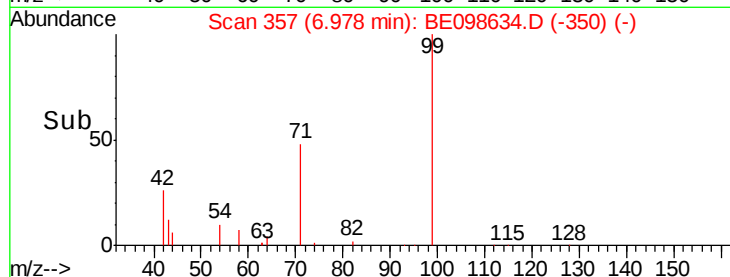
71 49.1 35.1 52.7



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: BE098634.D

Acq: 15 Jan 2019 19:00

Tgt Ion: 136 Resp: 235974

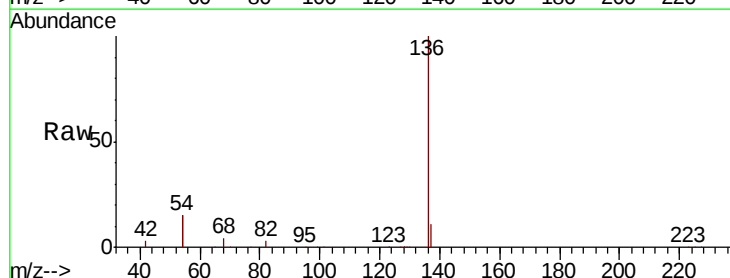
Ion Ratio Lower Upper

136 100

137 11.0 9.7 14.5

54 29.4 35.5 53.3#

68 3.9 5.0 7.6#

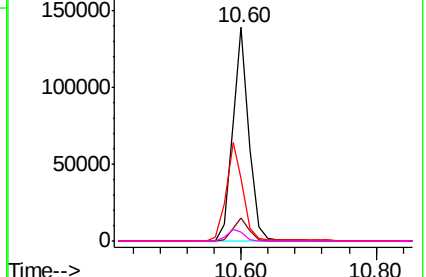
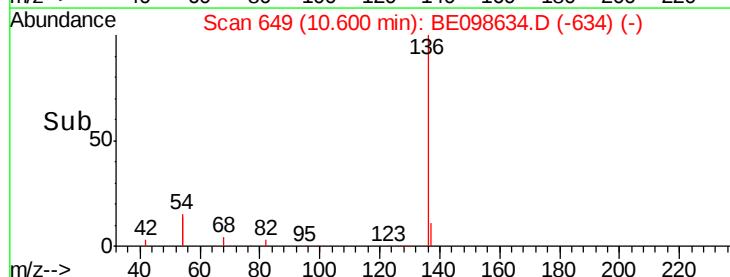


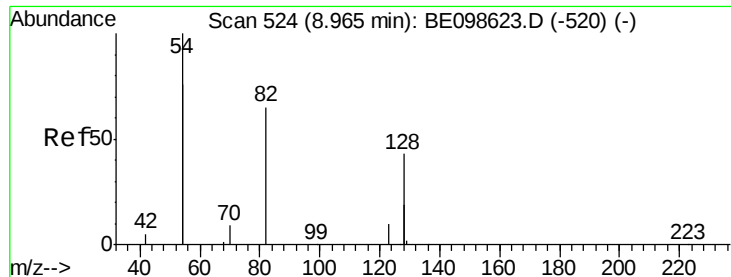
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.126 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098634.D

Acq: 15 Jan 2019 19:00

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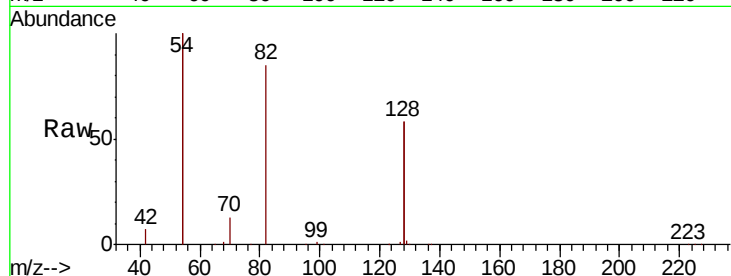
Tgt Ion: 82 Resp: 585042

Ion Ratio Lower Upper

82 100

128 136.2 96.5 144.7

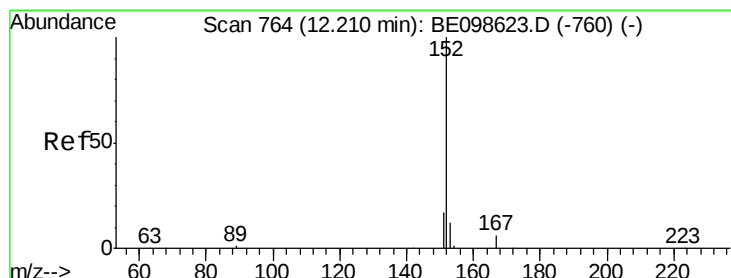
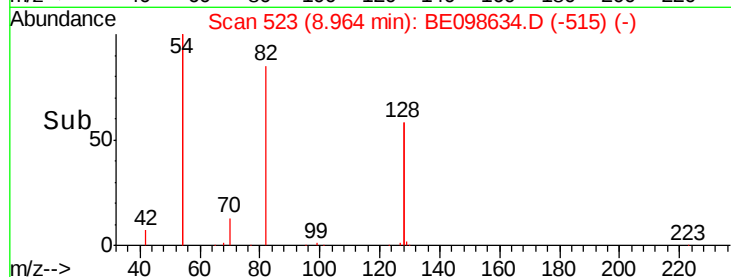
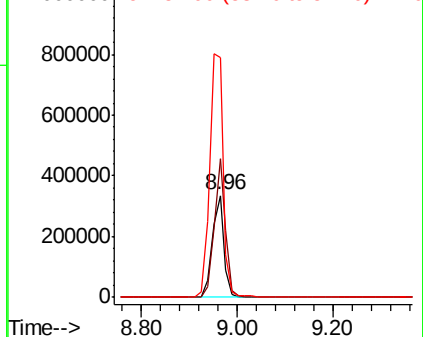
54 235.3 224.7 337.1



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098634.D

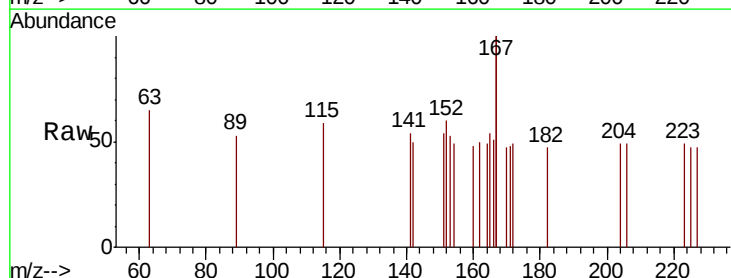
Acq: 15 Jan 2019 19:00

Tgt Ion: 152 Resp: 40

Ion Ratio Lower Upper

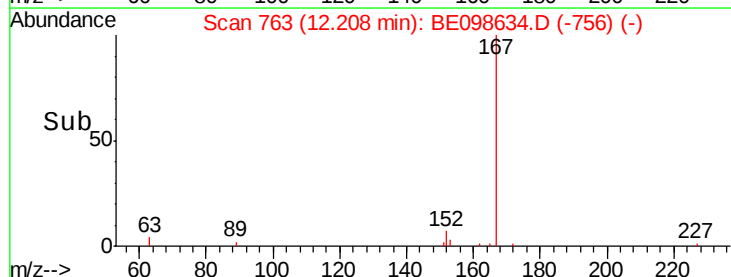
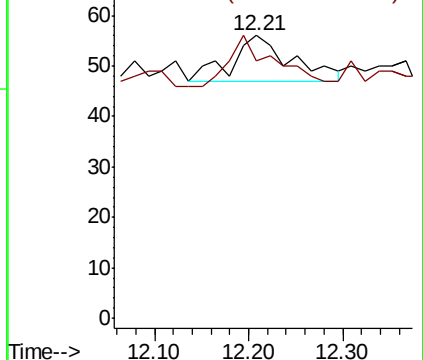
152 100

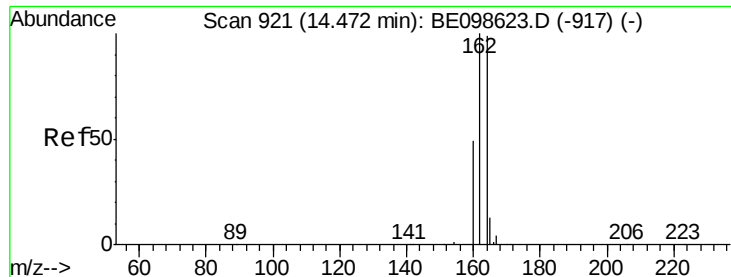
151 85.0 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

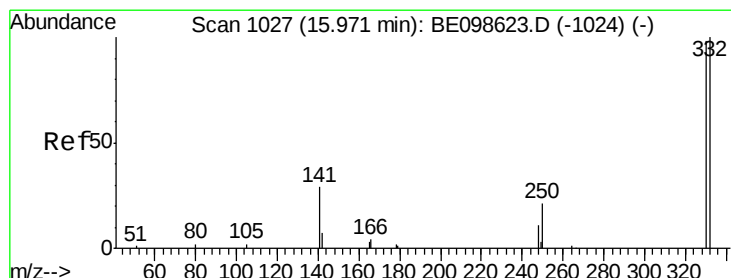
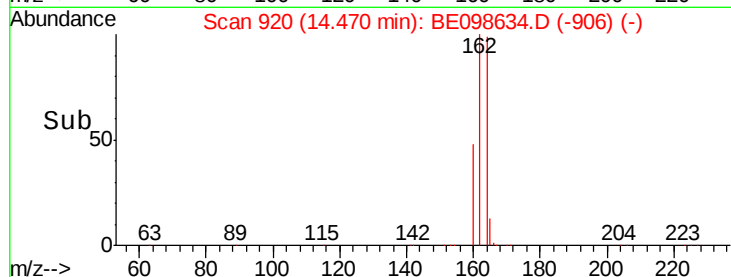
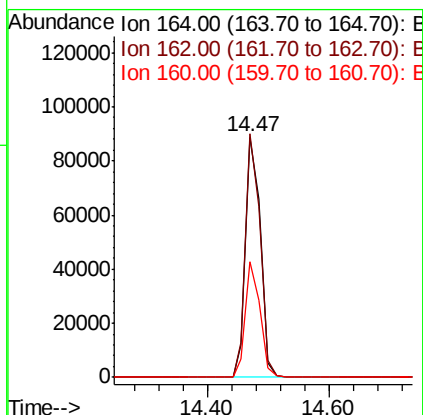
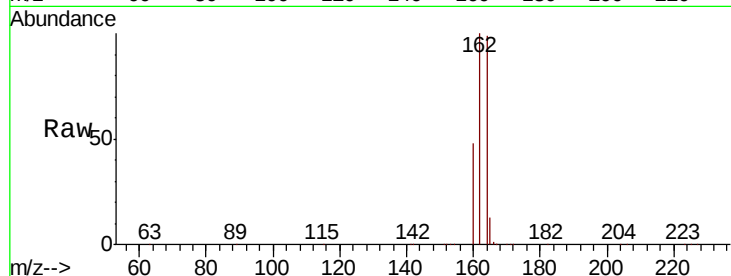




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE098634.D
 Acq: 15 Jan 2019 19:00

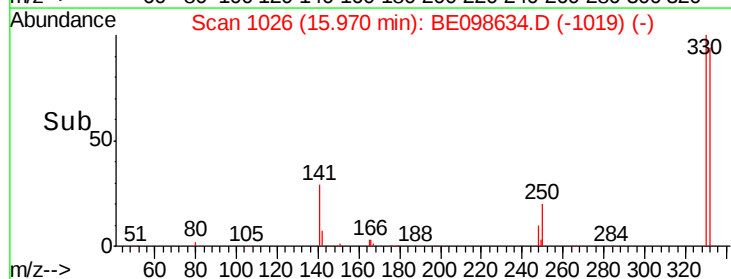
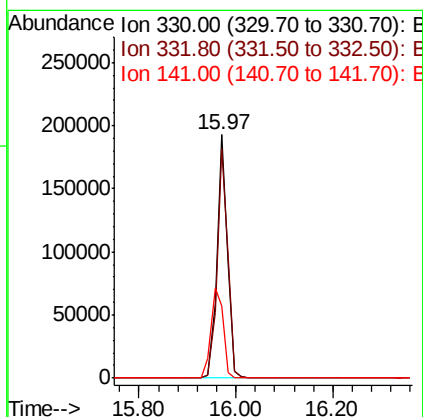
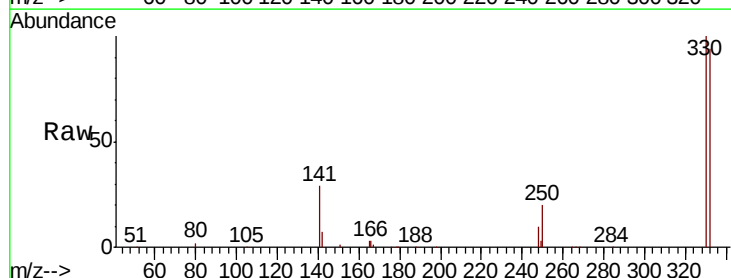
Instrument :
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 MW12_123118

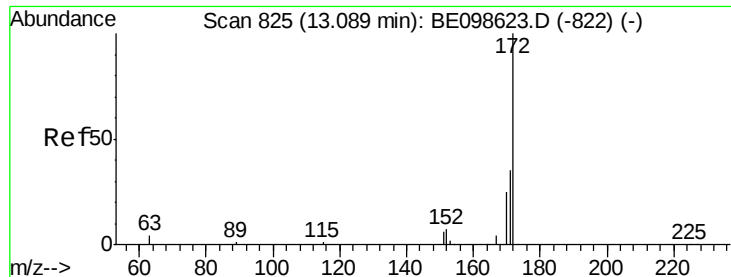
Tgt Ion:164 Resp: 149687
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.5 120.7
 160 48.4 40.1 60.1



#14
 2,4,6-Tribromophenol
 Concen: 4.379 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098634.D
 Acq: 15 Jan 2019 19:00

Tgt Ion:330 Resp: 285187
 Ion Ratio Lower Upper
 330 100
 332 96.5 73.3 109.9
 141 42.3 33.1 49.7

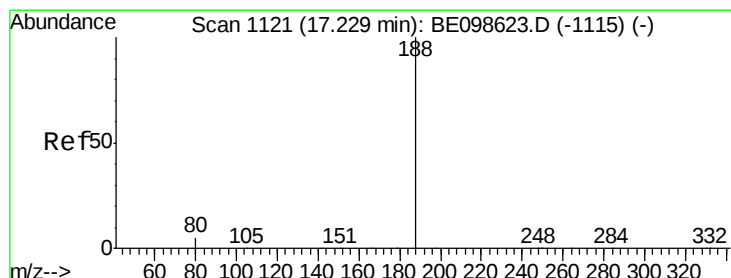
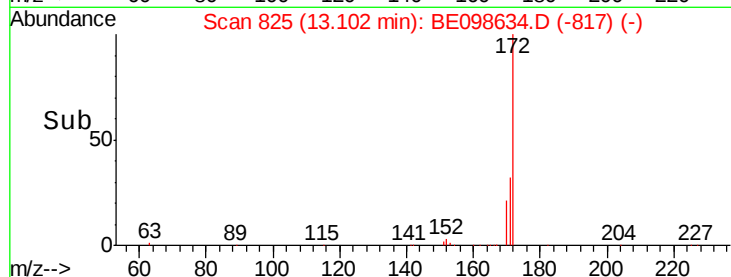
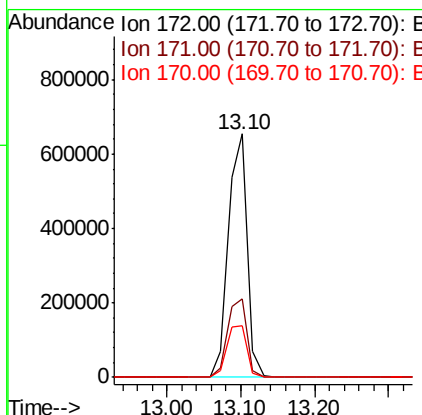
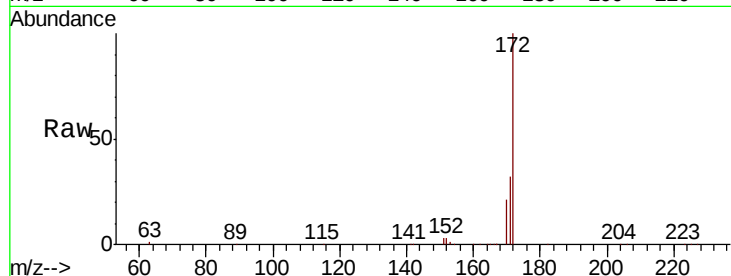




#15
 2-Fluorobiphenyl
 Concen: 1.892 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098634.D
 Acq: 15 Jan 2019 19:00

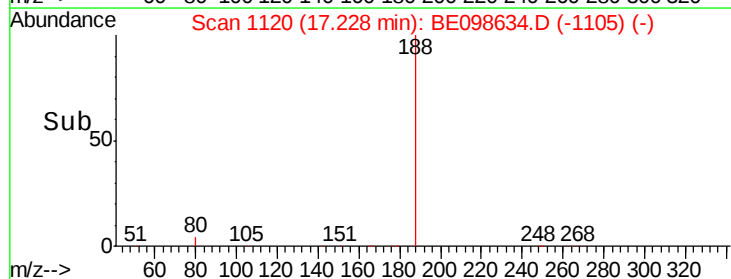
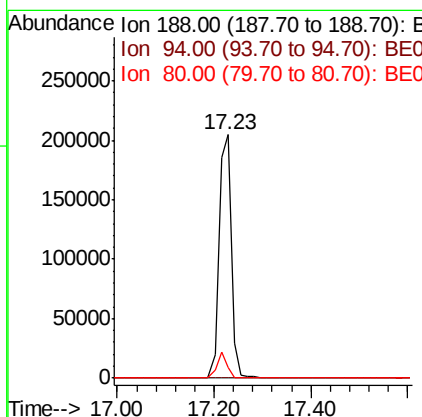
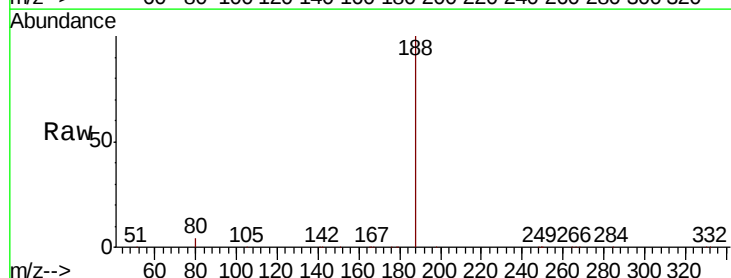
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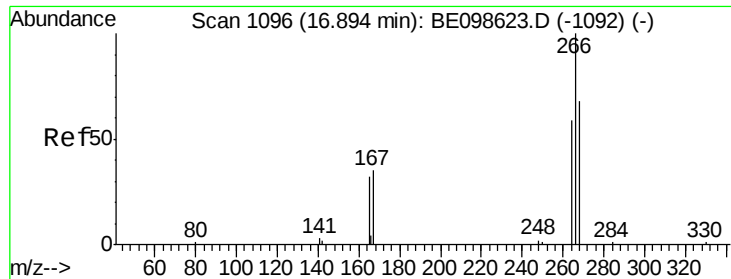
Tgt Ion:172 Resp: 1160115
 Ion Ratio Lower Upper
 172 100
 171 32.4 29.0 43.4
 170 21.1 20.8 31.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098634.D
 Acq: 15 Jan 2019 19:00

Tgt Ion:188 Resp: 361648
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 4.4 4.7 7.1#

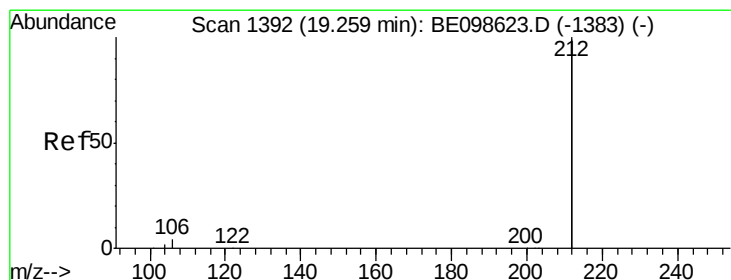
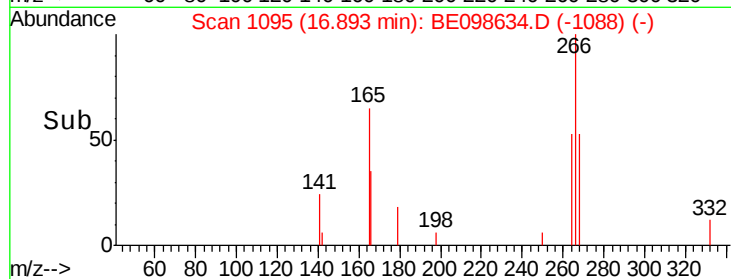
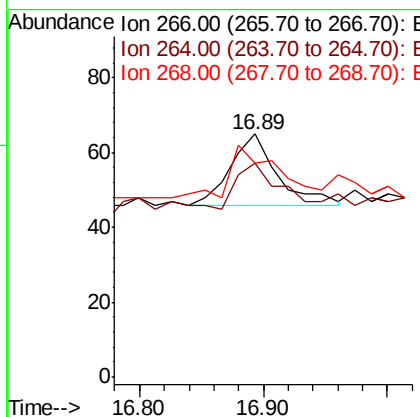
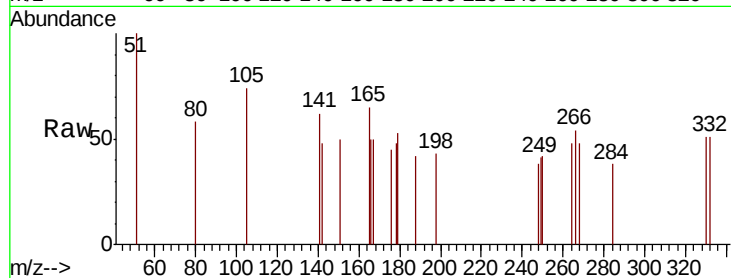




#22
 Pentachlorophenol
 Concen: 0.204 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BE098634.D
 Acq: 15 Jan 2019 19:00

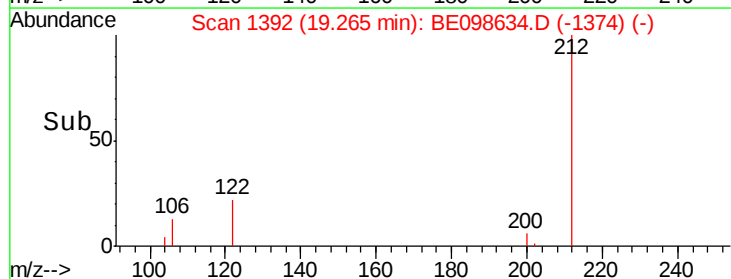
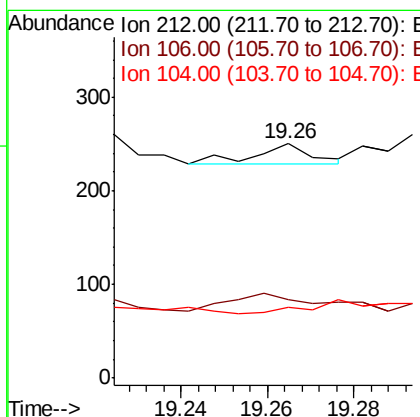
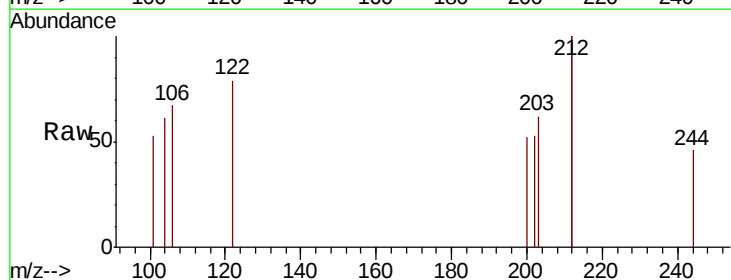
Instrument :
 BNA_E
 ClientSampleId :
 MW12 123118

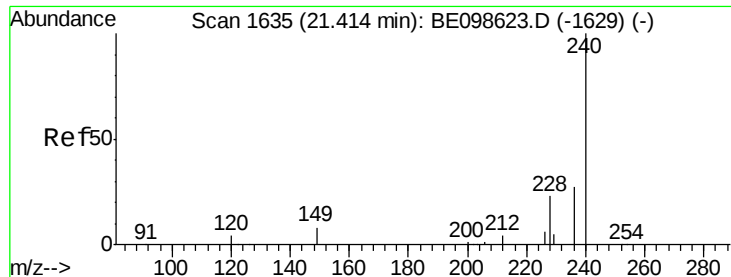
Tgt Ion: 266 Resp: 50
 Ion Ratio Lower Upper
 266 100
 264 87.7 53.7 80.5#
 268 87.7 59.8 89.8



#25
 Fluoranthene-d10
 Concen: 0.000 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BE098634.D
 Acq: 15 Jan 2019 19:00

Tgt Ion: 212 Resp: 21
 Ion Ratio Lower Upper
 212 100
 106 123.8 1.7 2.5#
 104 114.3 1.0 1.6#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098634.D

Acq: 15 Jan 2019 19:00

Instrument :

BNA_E

ClientSampleId :

MW12 123118

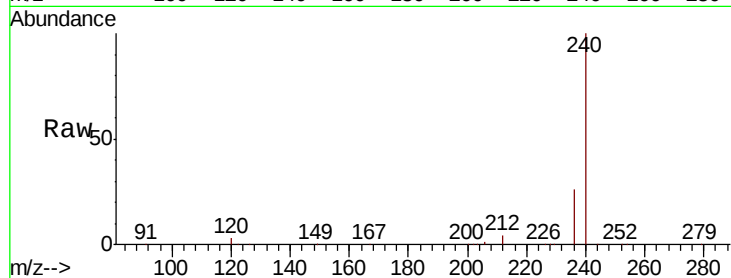
Tgt Ion:240 Resp: 406997

Ion Ratio Lower Upper

240 100

120 2.7 4.7 7.1#

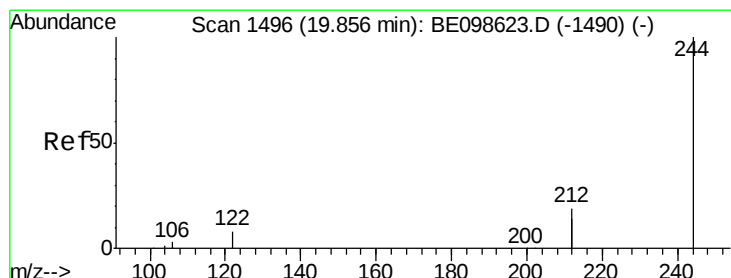
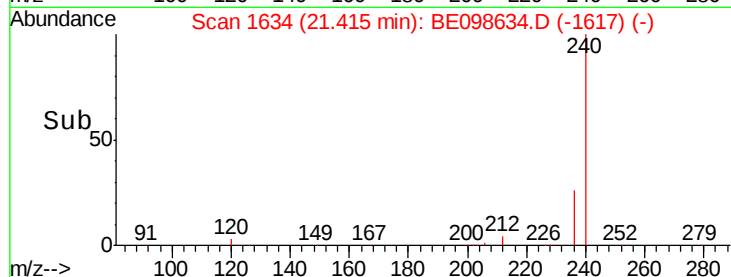
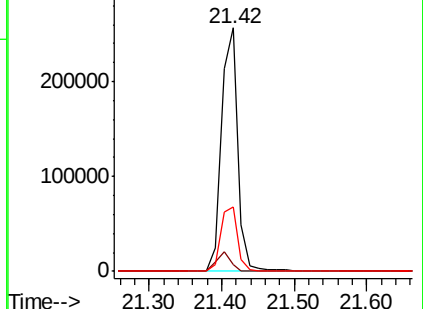
236 26.5 21.9 32.9



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: 2.214 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098634.D

Acq: 15 Jan 2019 19:00

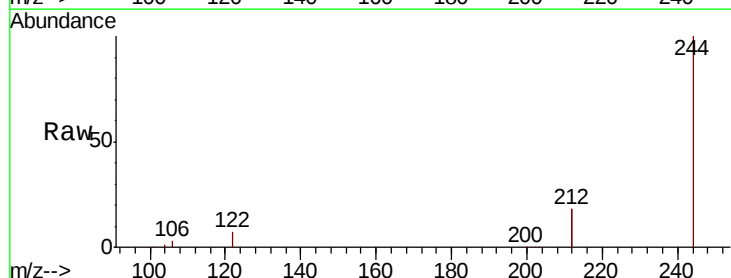
Tgt Ion:244 Resp: 1993610

Ion Ratio Lower Upper

244 100

212 36.2 29.4 44.2

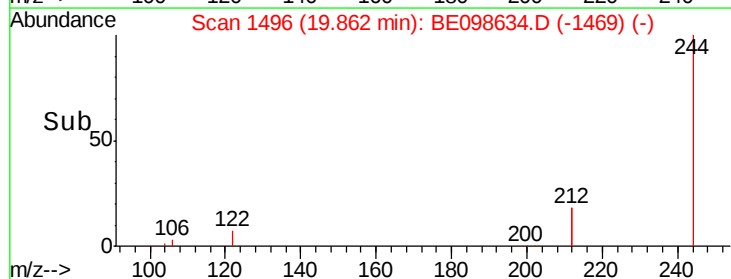
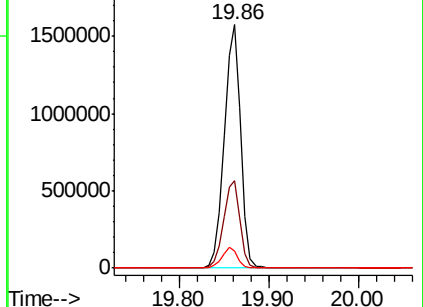
122 7.1 7.1 10.7

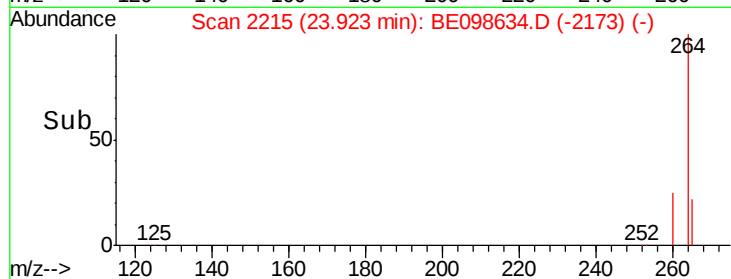
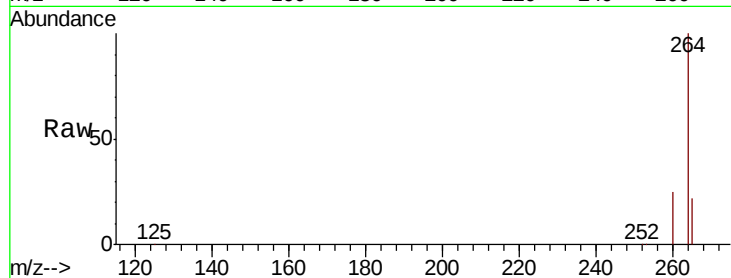
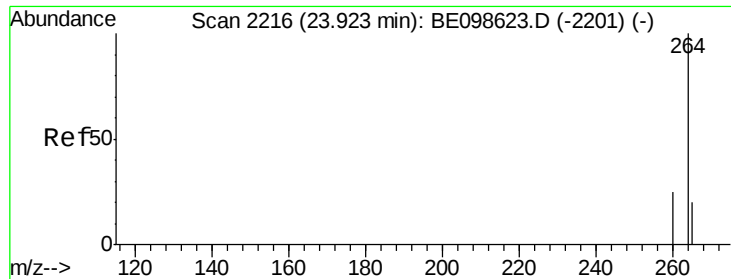


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098634.D

Acq: 15 Jan 2019 19:00

Instrument :

BNA_E

ClientSampleId :

MW12_123118

Tgt Ion:264 Resp: 414350

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 21.7 22.3 33.5#

