

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098630.D
 Acq On : 15 Jan 2019 16:33
 Operator : SJ/JU
 Sample : J6598-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW05_122818

Quant Time: Jan 16 00:42:48 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	64634	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	255749	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	163469	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	392830	0.40	ng	0.00
27) Chrysene-d12	21.41	240	441210	0.40	ng	0.00
34) Perylene-d12	23.93	264	441252	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	199284	1.16	ng	0.00
5) Phenol-d6	6.98	99	178162	0.73	ng	-0.02
8) Nitrobenzene-d5	8.96	82	537893	2.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	35	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	261833	3.68	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	1084002	1.62	ng	0.01
25) Fluoranthene-d10	19.25	212	108	0.00	ng	0.00
29) Terphenyl-d14	19.86	244	1714637	1.76	ng	0.00

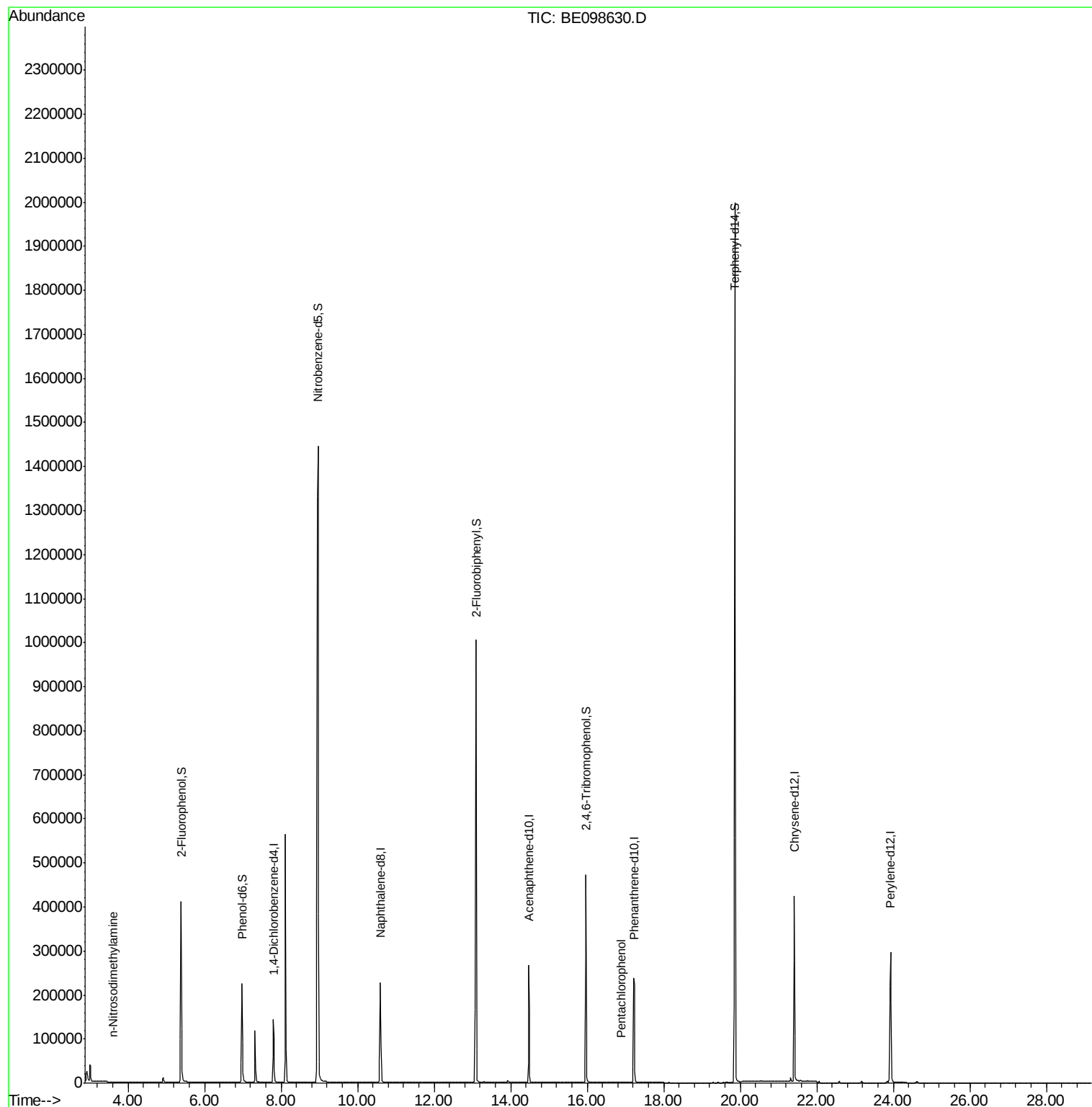
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.62	42	175	0.129	ng	# 13
22) Pentachlorophenol	16.89	266	120	0.205	ng	# 78

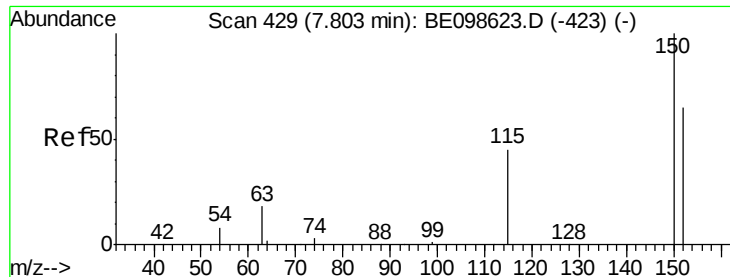
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

Instrument :

BNA_E

ClientSampleId :

MW05_122818

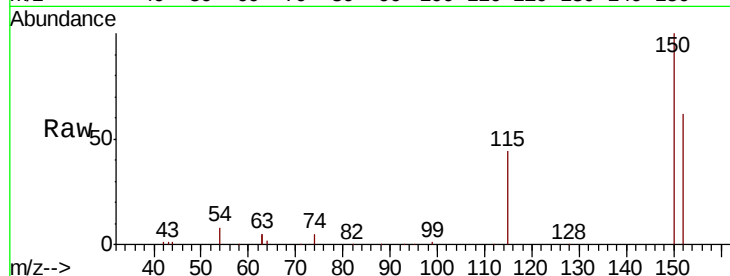
Tgt Ion:152 Resp: 64634

Ion Ratio Lower Upper

152 100

150 160.7 121.4 182.2

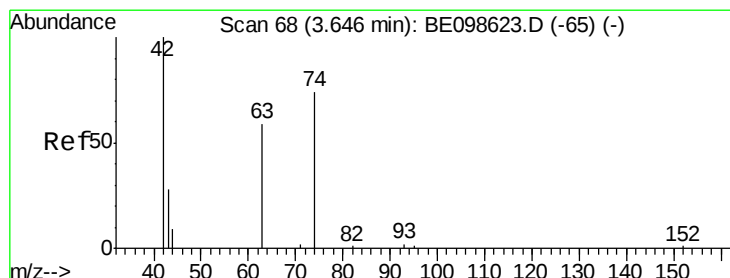
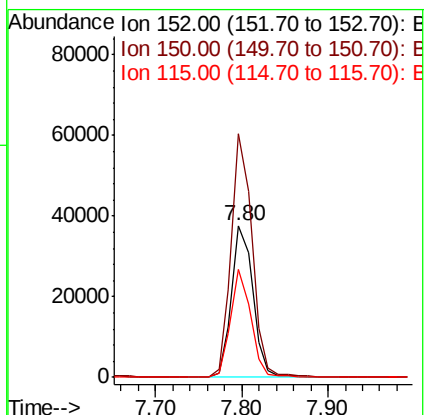
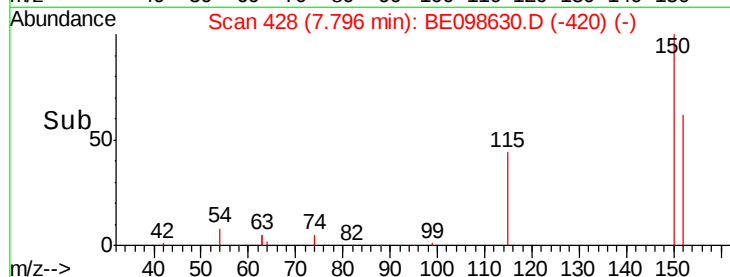
115 71.2 59.1 88.7



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: 0.129 ng

RT: 3.62 min Scan# 65

Delta R.T. -0.03 min

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

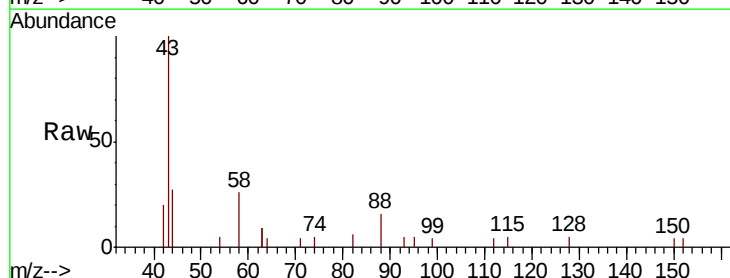
Tgt Ion: 42 Resp: 175

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

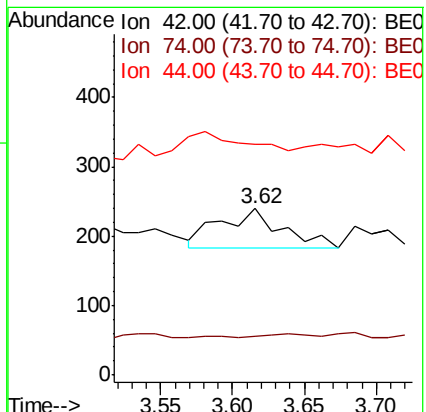
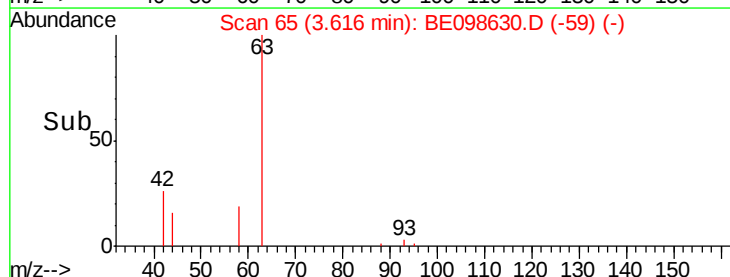
44 0.0 0.0 0.0

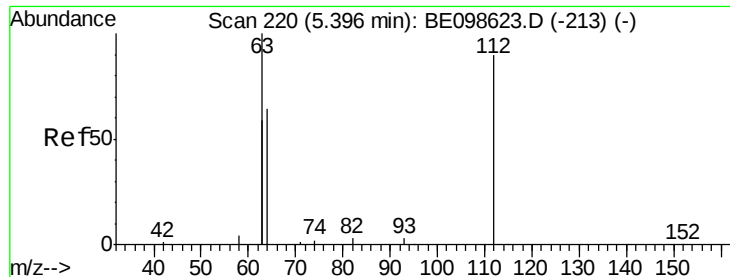


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 1.156 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE098630.D

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MW05 122818

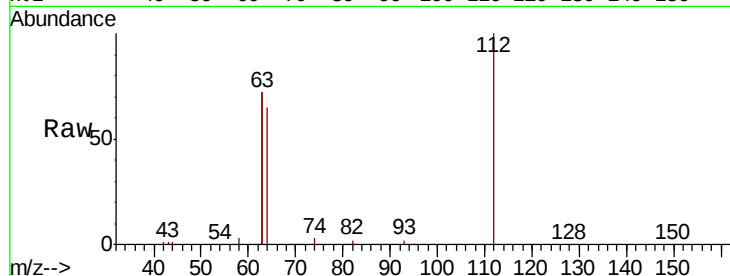
Tgt Ion: 112 Resp: 199284

Ion Ratio Lower Upper

112 100

64 79.3 62.9 94.3

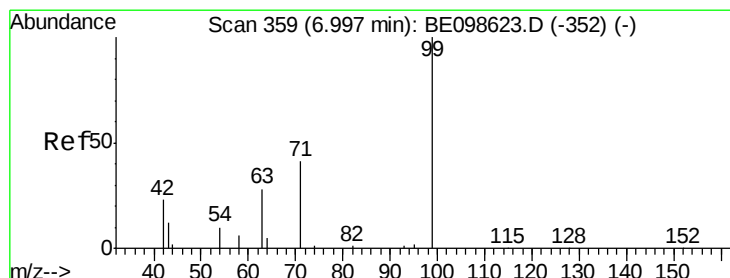
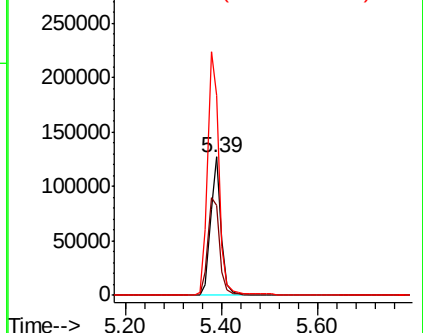
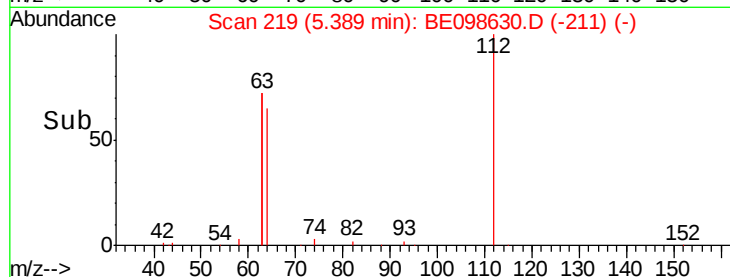
63 188.1 152.2 228.4



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: 0.726 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

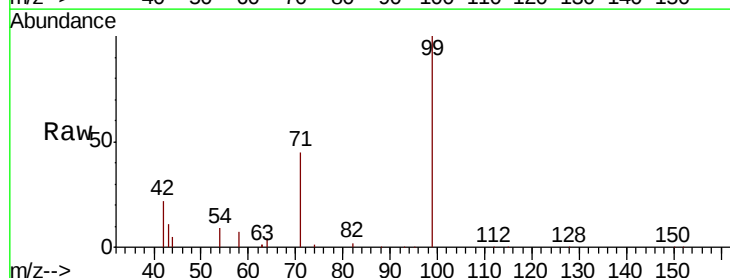
Tgt Ion: 99 Resp: 178162

Ion Ratio Lower Upper

99 100

42 31.9 24.6 37.0

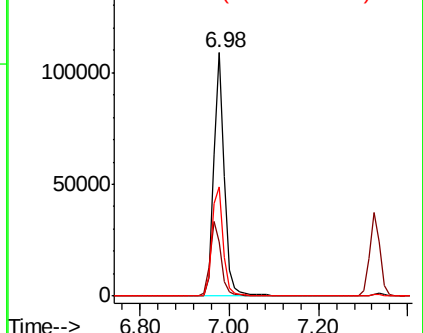
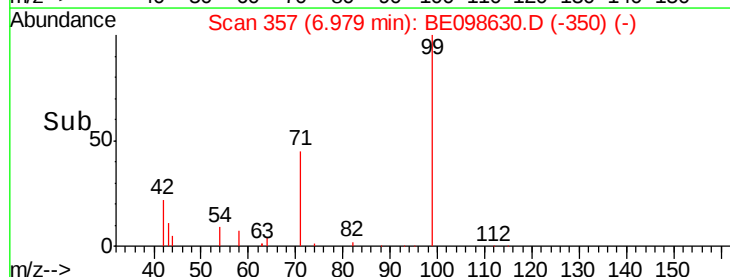
71 48.5 35.1 52.7

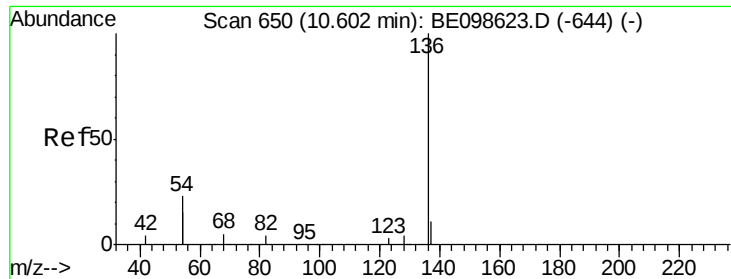


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098630.D

Acq: 15 Jan 2019 16:33

Instrument :

BNA_E

ClientSampleId :

MW05 122818

Tgt Ion:136 Resp: 255749

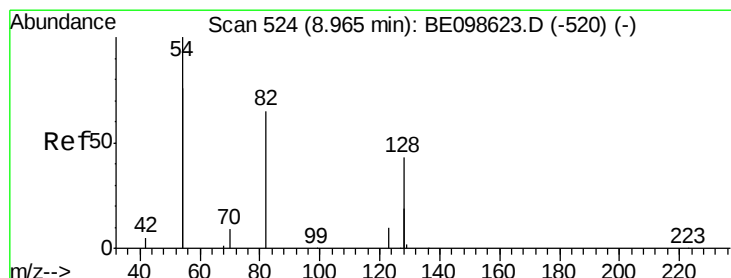
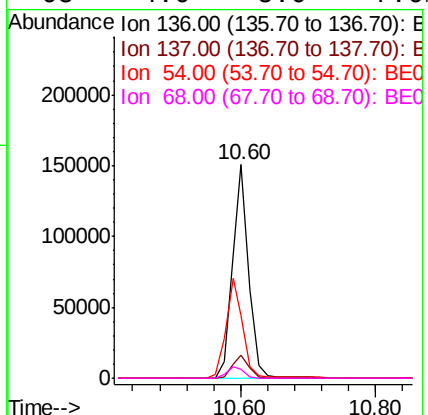
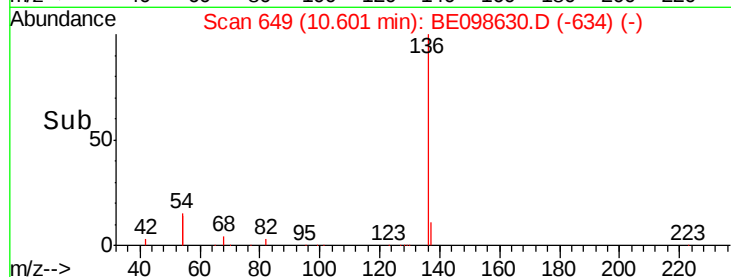
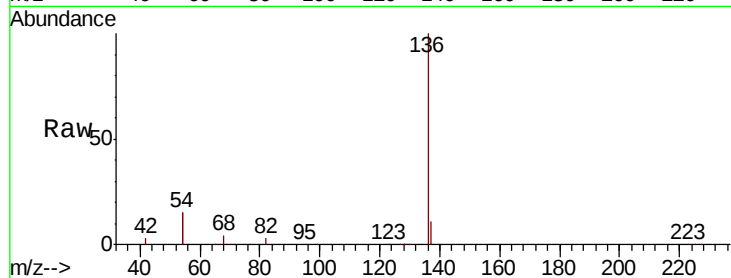
Ion Ratio Lower Upper

136 100

137 10.9 9.7 14.5

54 29.1 35.5 53.3#

68 4.0 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 2.652 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

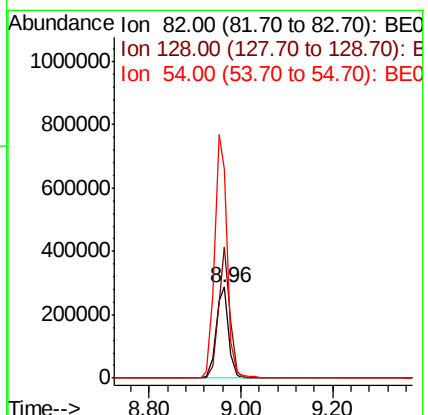
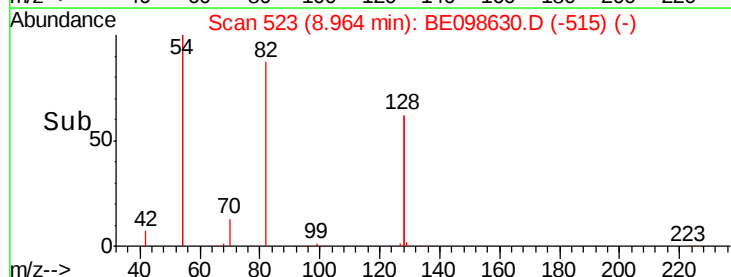
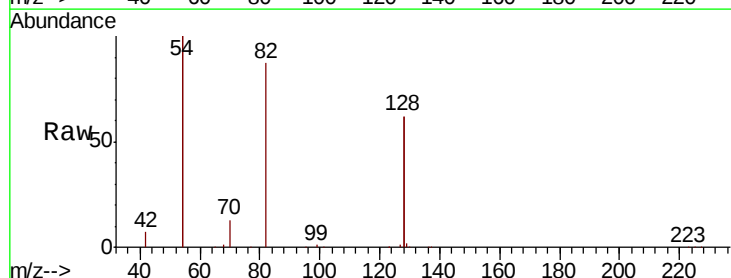
Tgt Ion: 82 Resp: 537893

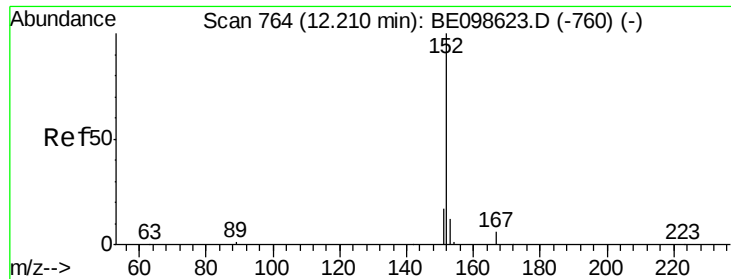
Ion Ratio Lower Upper

82 100

128 143.3 96.5 144.7

54 229.7 224.7 337.1

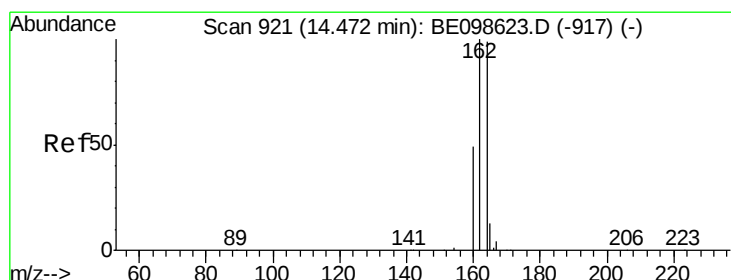
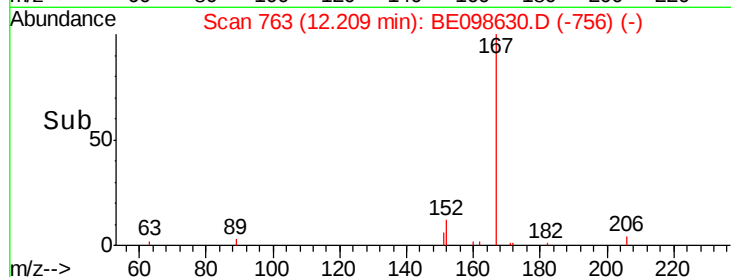
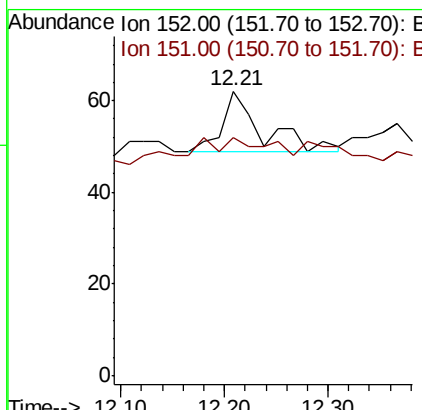
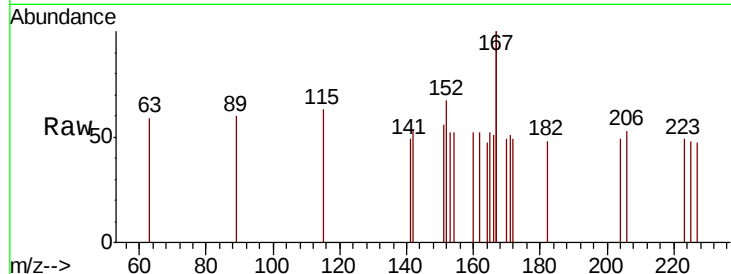




#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098630.D
 Acq: 15 Jan 2019 16:33

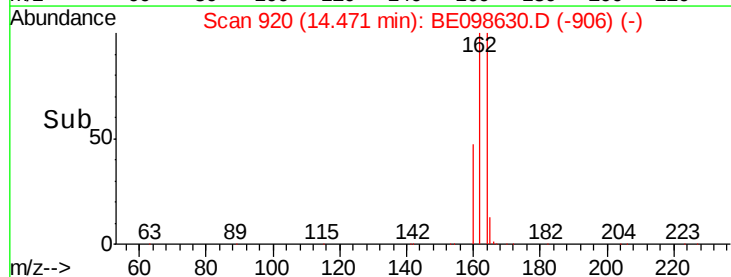
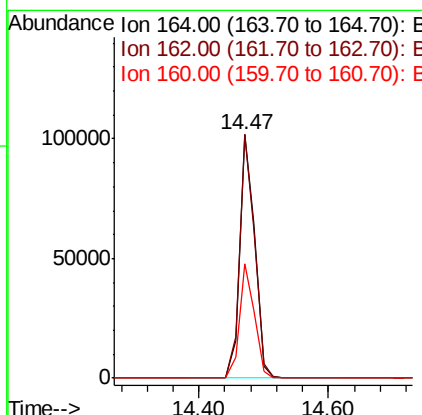
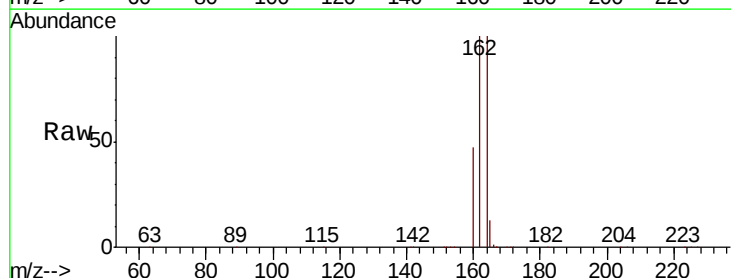
Instrument :
 BNA_E
 ClientSampleId :
 MW05_122818

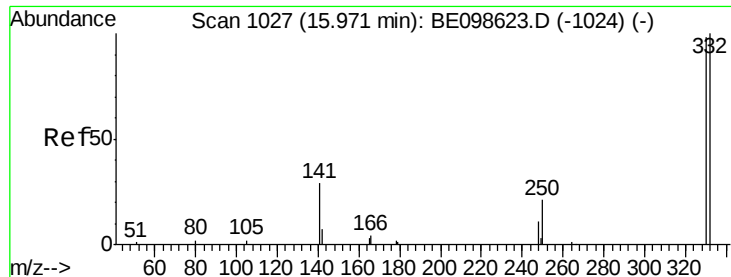
Tgt Ion: 152 Resp: 35
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.2 24.4#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE098630.D
 Acq: 15 Jan 2019 16:33

Tgt Ion: 164 Resp: 163469
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.5 120.7
 160 47.1 40.1 60.1

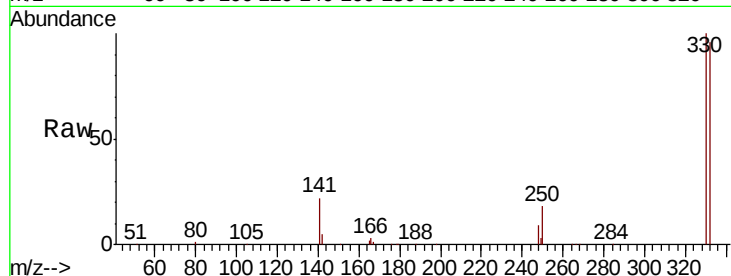




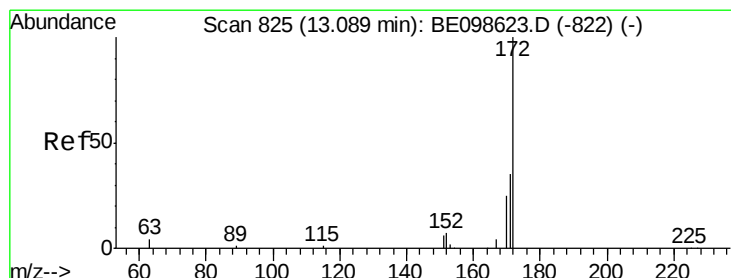
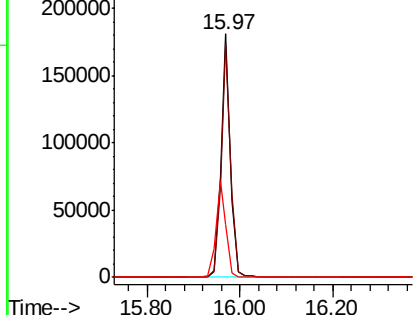
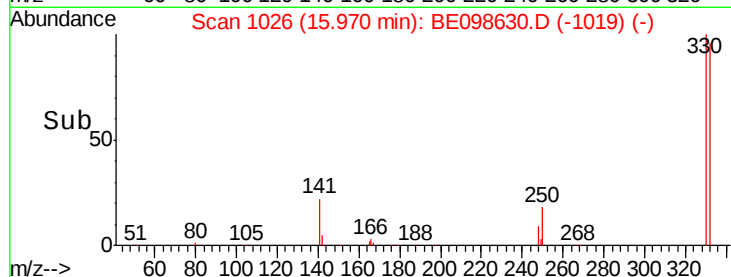
#14
 2,4,6-Tribromophenol
 Concen: 3.681 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098630.D
 Acq: 15 Jan 2019 16:33

Instrument :
 BNA_E
 ClientSampleId :
 MW05_122818

Tgt Ion: 330 Resp: 261833
 Ion Ratio Lower Upper
 330 100
 332 96.5 73.3 109.9
 141 42.3 33.1 49.7

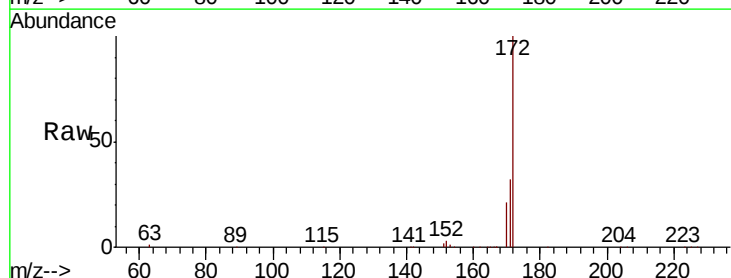


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

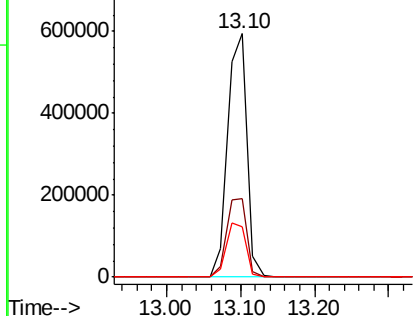
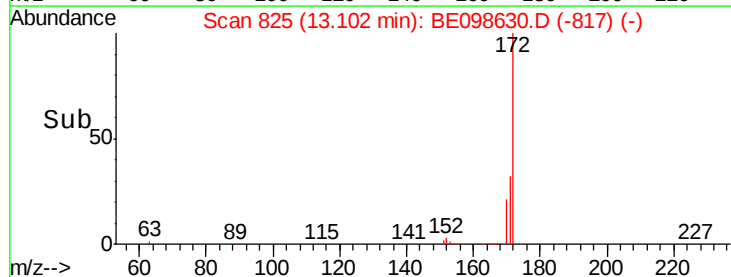


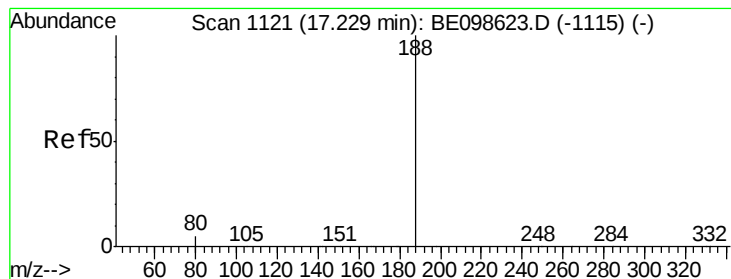
#15
 2-Fluorobiphenyl
 Concen: 1.619 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098630.D
 Acq: 15 Jan 2019 16:33

Tgt Ion: 172 Resp: 1084002
 Ion Ratio Lower Upper
 172 100
 171 32.2 29.0 43.4
 170 20.8 20.8 31.2



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: BE098630.D

Acq: 15 Jan 2019 16:33

Instrument :

BNA_E

ClientSampleId :

MW05_122818

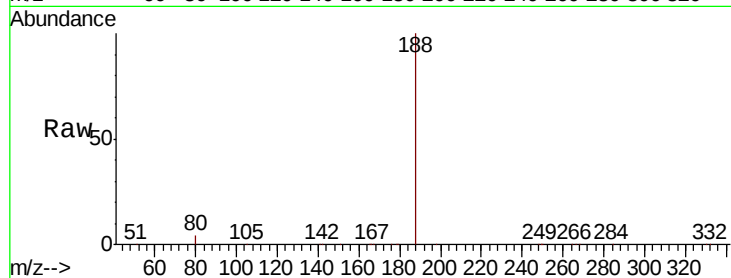
Tgt Ion:188 Resp: 392830

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

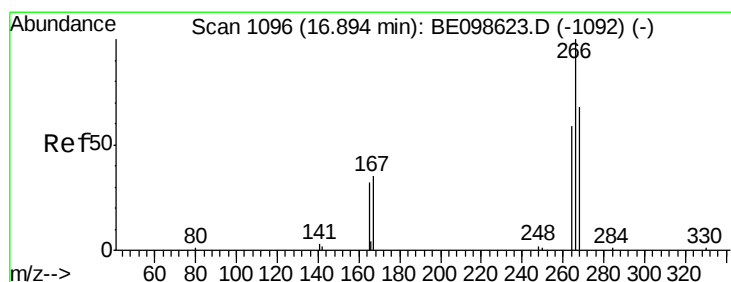
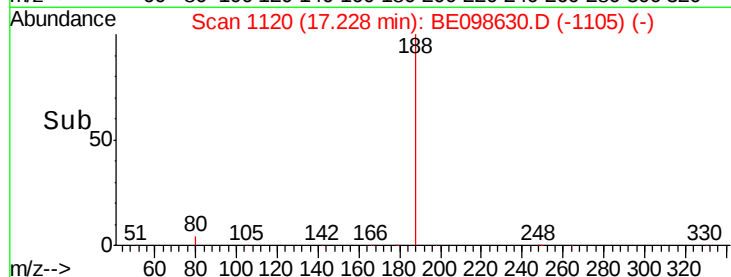
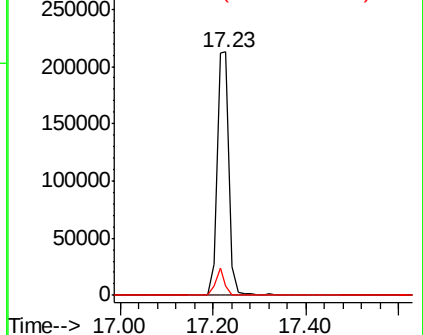
80 4.0 4.7 7.1#



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: 0.205 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

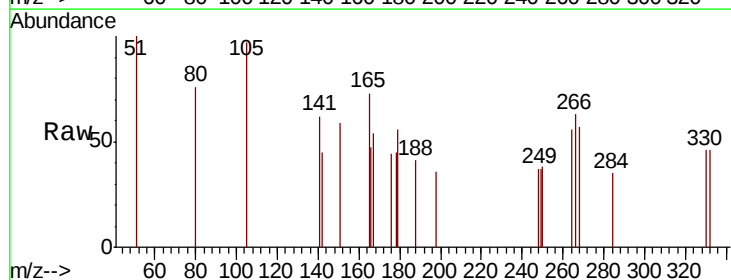
Tgt Ion:266 Resp: 120

Ion Ratio Lower Upper

266 100

264 88.2 53.7 80.5#

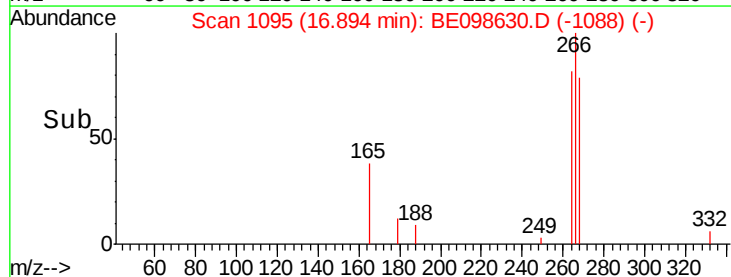
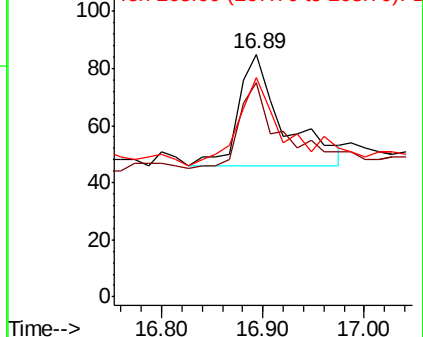
268 90.6 59.8 89.8#

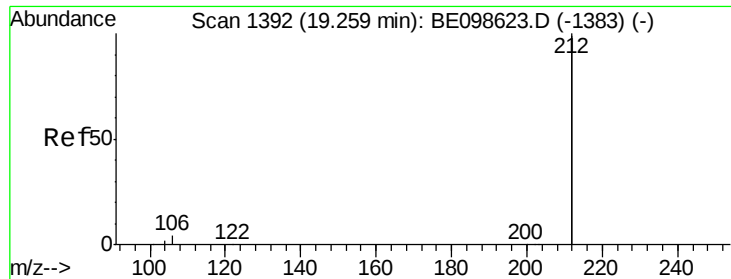


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE098630.D

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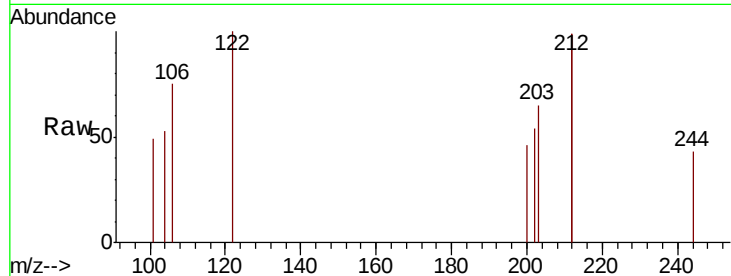
Tgt Ion: 212 Resp: 108

Ion Ratio Lower Upper

212 100

106 0.0 1.7 2.5#

104 0.0 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

19.25

300

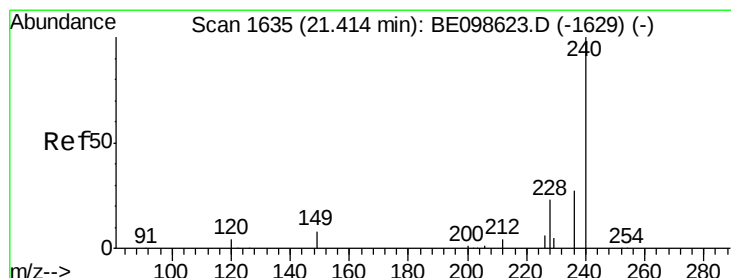
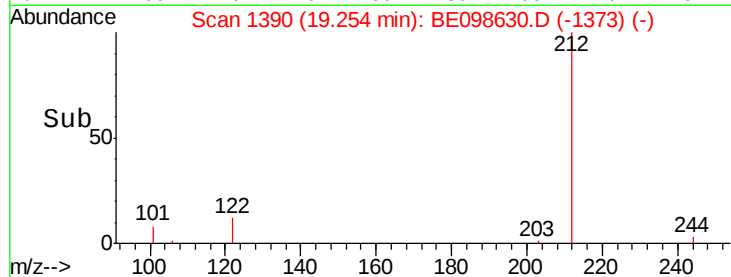
200

100

0

19.25 19.30

Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

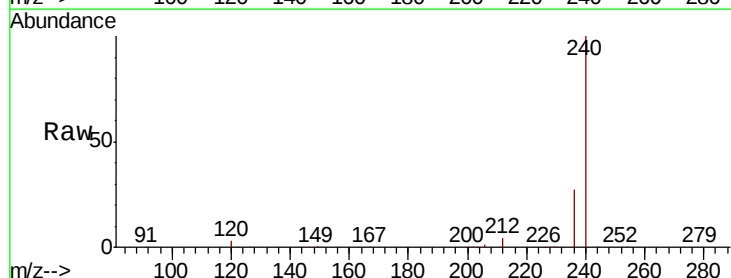
Tgt Ion: 240 Resp: 441210

Ion Ratio Lower Upper

240 100

120 3.4 4.7 7.1#

236 27.1 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

21.41

300000

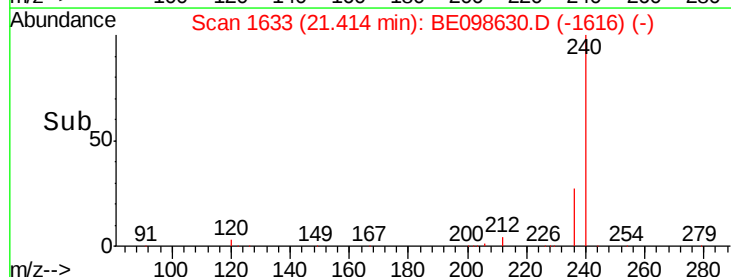
200000

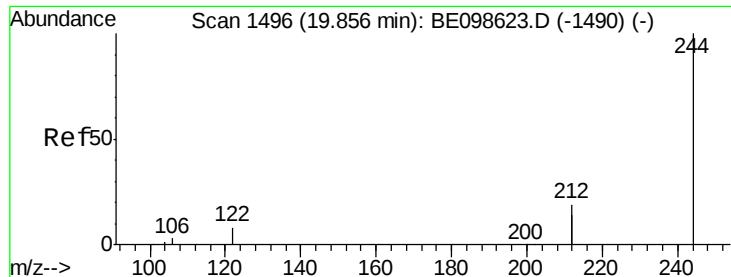
100000

0

21.20 21.40 21.60

Time-->





#29

Terphenyl-d14

Concen: 1.756 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

Instrument :

BNA_E

ClientSampleId :

MW05_122818

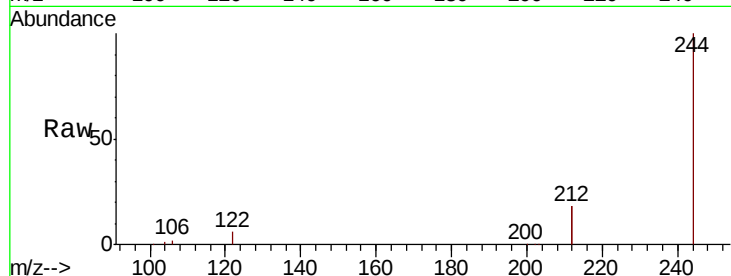
Tgt Ion:244 Resp: 1714637

Ion Ratio Lower Upper

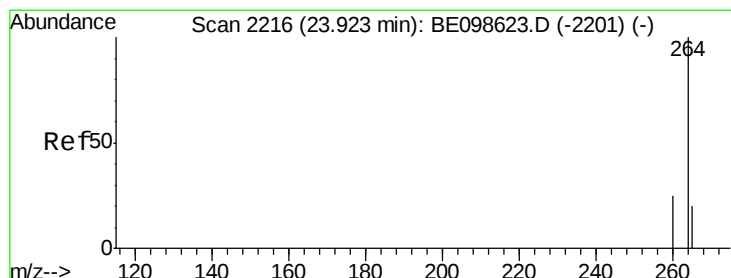
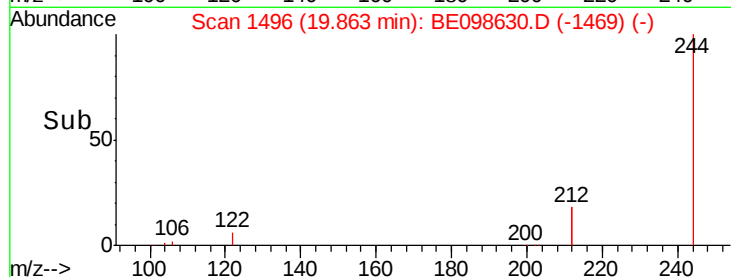
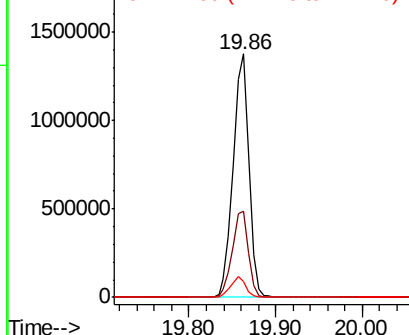
244 100

212 35.2 29.4 44.2

122 6.4 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: 23.93 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BE098630.D

Acq: 15 Jan 2019 16:33

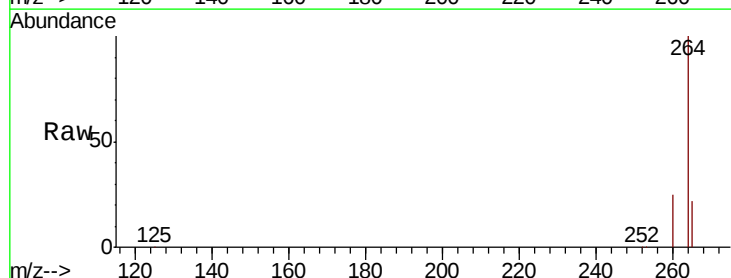
Tgt Ion:264 Resp: 441252

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 21.6 22.3 33.5#



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

