

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098660.D
 Acq On : 17 Jan 2019 23:19
 Operator : SJ/JU
 Sample : K1176-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Quant Time: Jan 18 01:58:07 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	692	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2905	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2031	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	4925	0.40	ng	0.00
27) Chrysene-d12	21.41	240	5662	0.40	ng	0.00
34) Perylene-d12	23.93	264	5582	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	373	0.20	ng	0.01
5) Phenol-d6	7.02	99	268	0.10	ng	0.02
8) Nitrobenzene-d5	8.98	82	876	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2232	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	452	0.51	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	4274	0.51	ng	0.00
25) Fluoranthene-d10	19.26	212	29647	0.49	ng	0.00
29) Terphenyl-d14	19.86	244	6761	0.54	ng	0.00

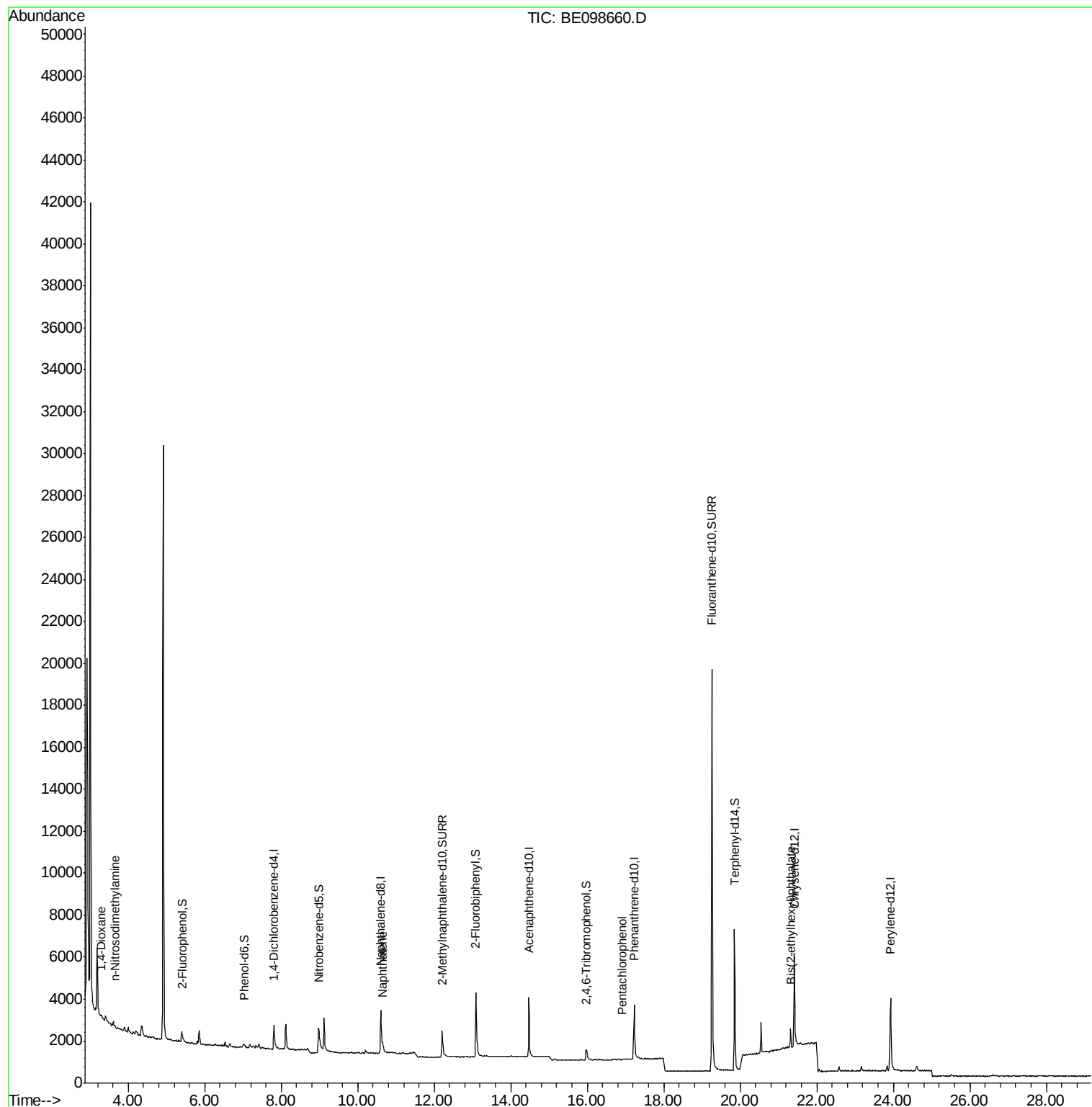
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	108	0.032	ng	# 11
3) n-Nitrosodimethylamine	3.65	42	70	0.175	ng	# 13
9) Naphthalene	10.65	128	773	0.027	ng	# 78
22) Pentachlorophenol	16.91	266	7	0.209	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.32	149	1074	0.033	ng	# 98

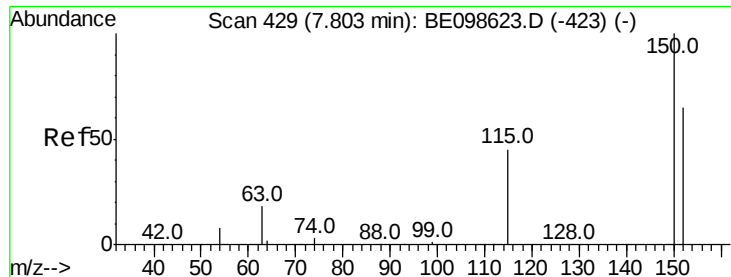
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

FIELD-BLANK

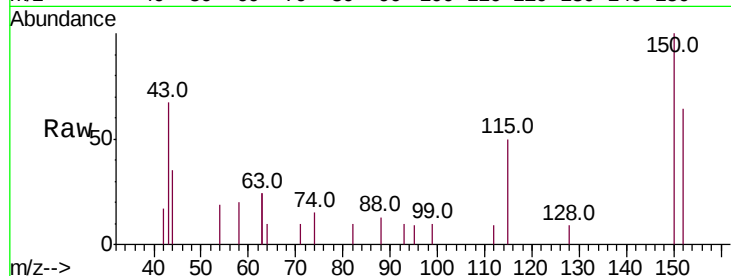
Tot Ion:152 Resp: 692

Ion Ratio Lower Upper

152 100

150 156.0 121.4 182.2

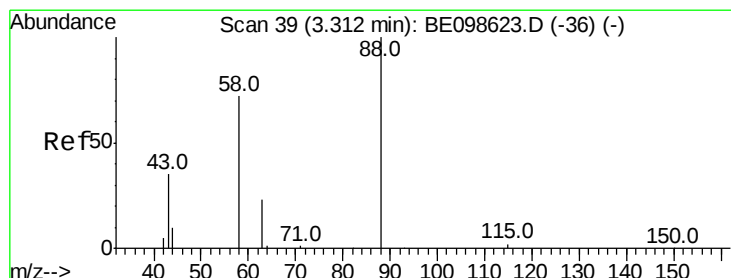
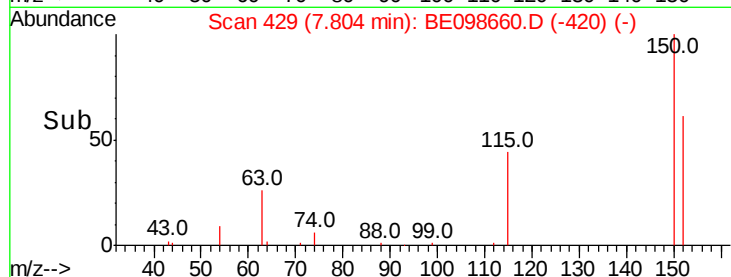
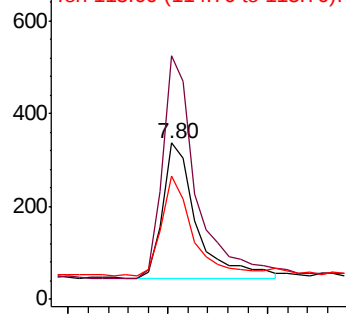
115 78.6 59.1 88.7



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: 0.032 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

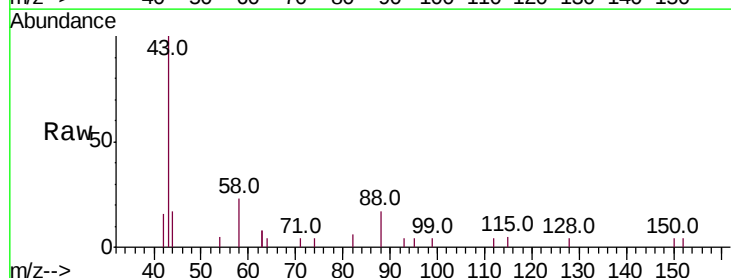
Tgt Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

58 0.0 73.9 110.9#

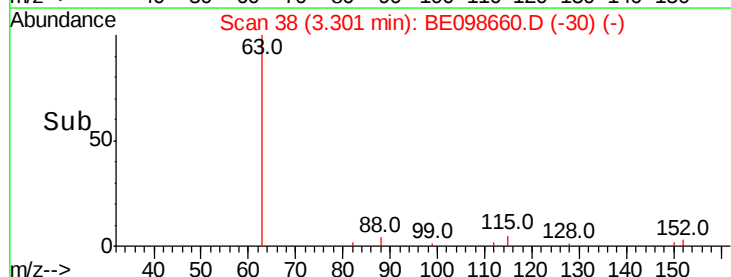
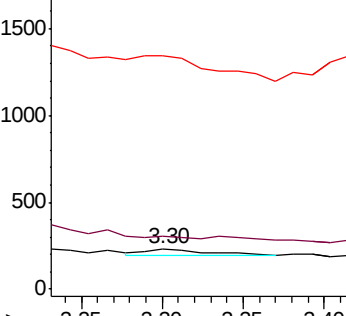
43 0.0 43.7 65.5#

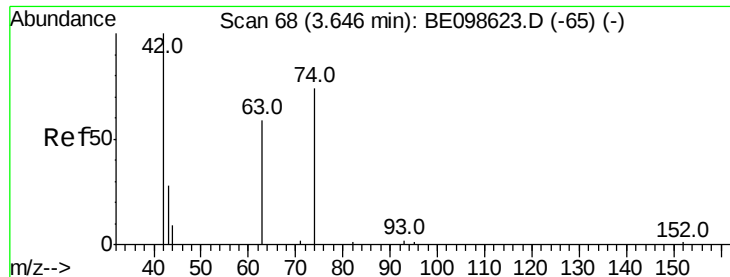


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.175 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampled :

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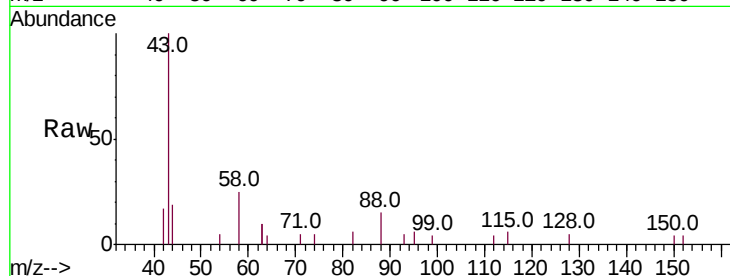
Tot Ion: 42 Resp: 70

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

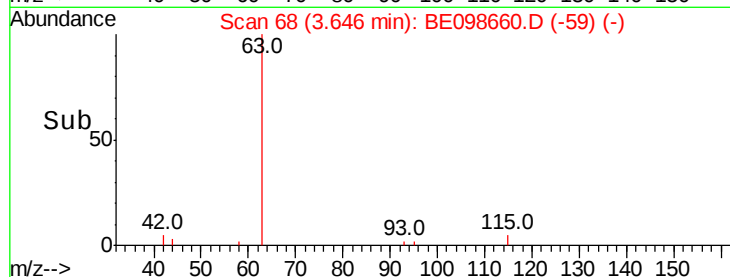
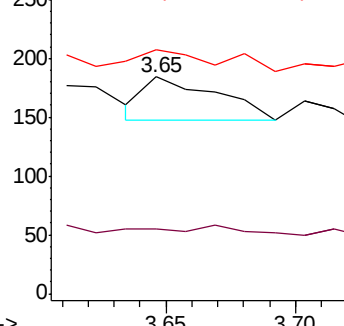
44 60.0 0.0 0.0#



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: 0.202 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

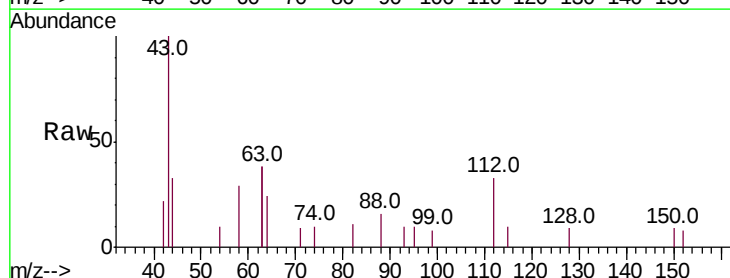
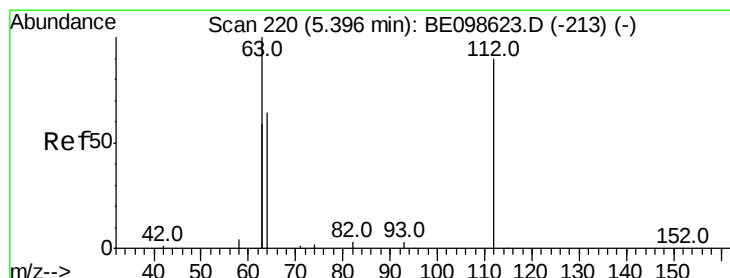
Tgt Ion: 112 Resp: 373

Ion Ratio Lower Upper

112 100

64 86.6 62.9 94.3

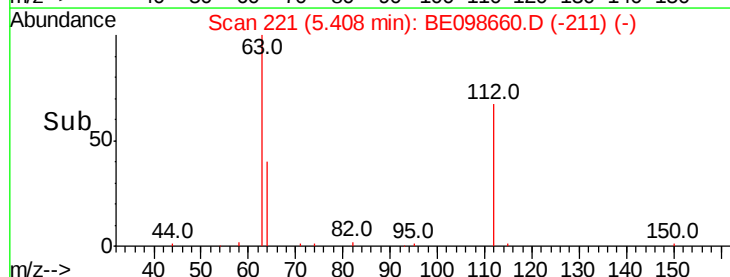
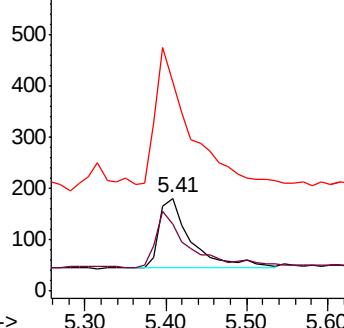
63 203.5 152.2 228.4

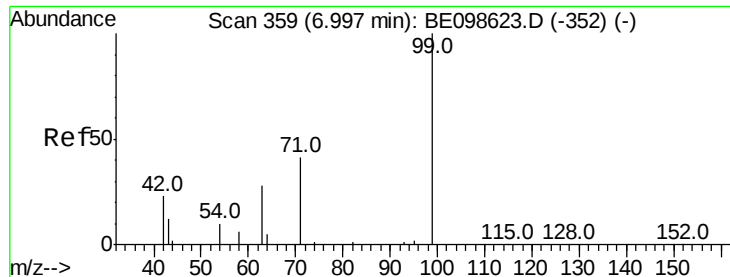


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.102 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.02 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

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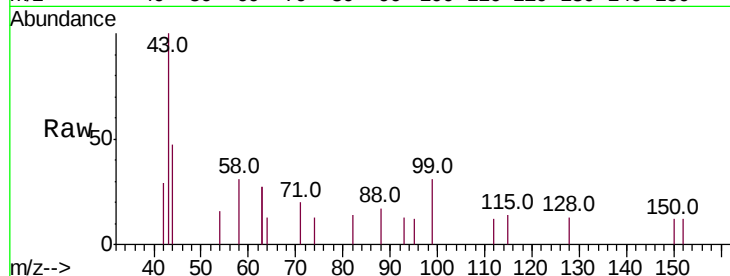
Tot Ion: 99 Resp: 268

Ion Ratio Lower Upper

99 100

42 0.0 24.6 37.0#

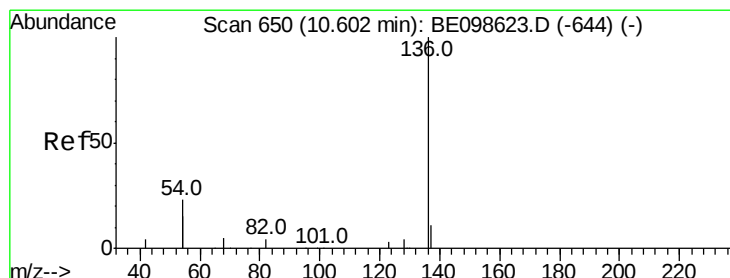
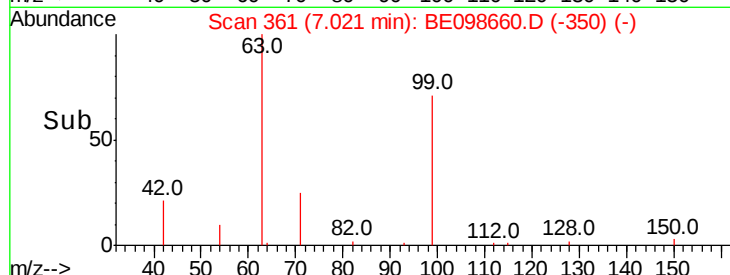
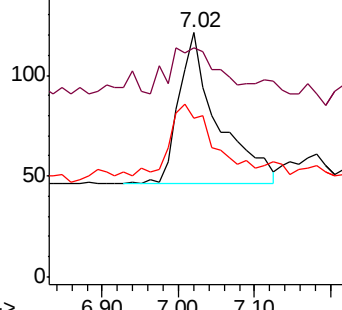
71 53.0 35.1 52.7#



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: BE098660.D

Acq: 17 Jan 2019 23:19

Tgt Ion:136 Resp: 2905

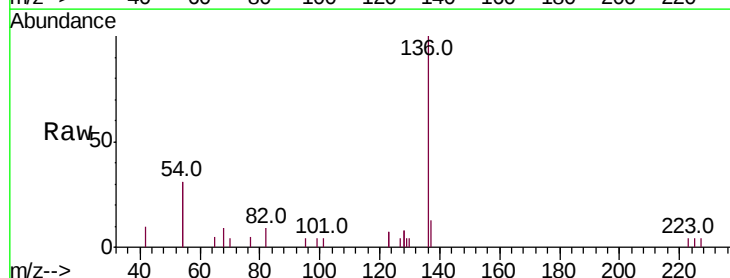
Ion Ratio Lower Upper

136 100

137 13.1 9.7 14.5

54 62.2 35.5 53.3#

68 8.7 5.0 7.6#

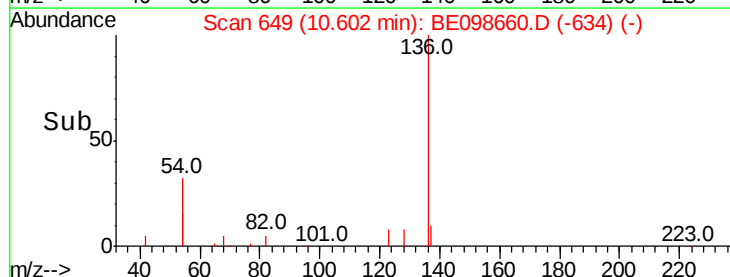
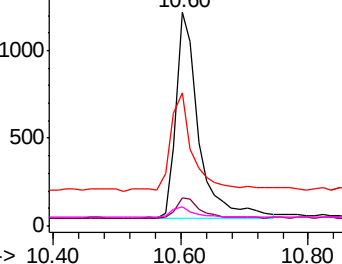


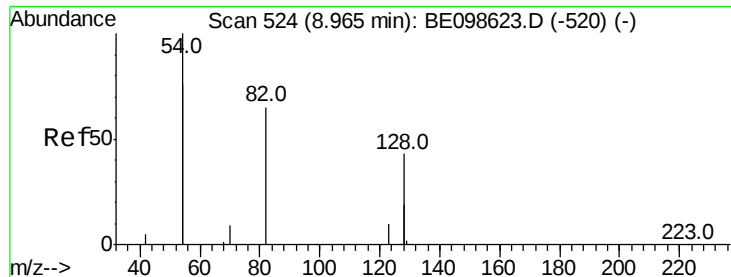
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

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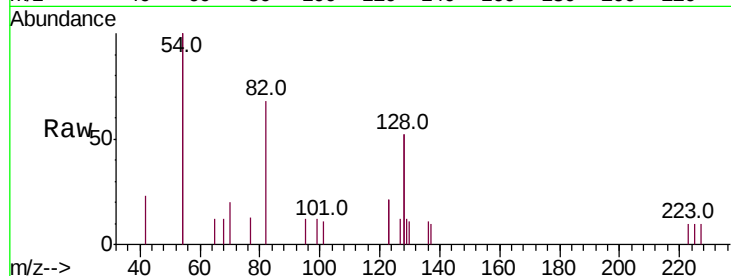
Tot Ion: 82 Resp: 876

Ion Ratio Lower Upper

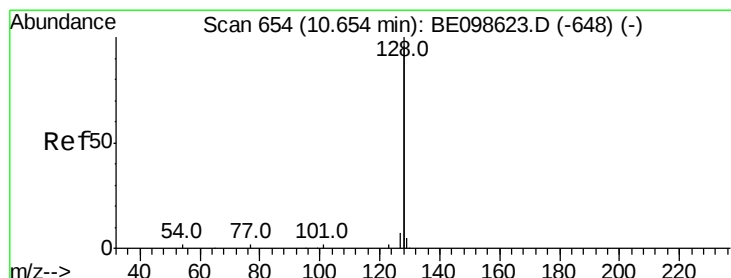
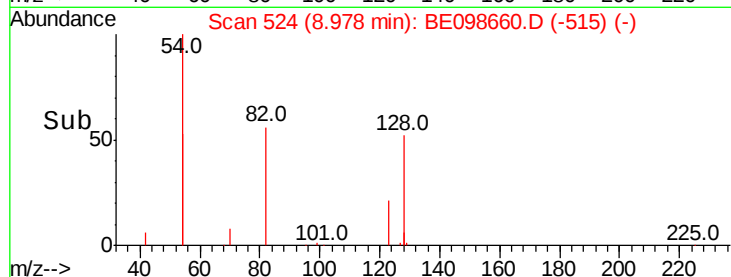
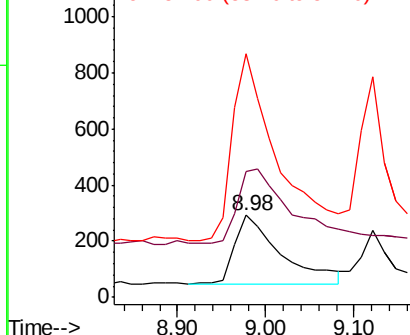
82 100

128 152.9 96.5 144.7#

54 296.2 224.7 337.1



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



#9

Naphthalene

Concen: 0.027 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

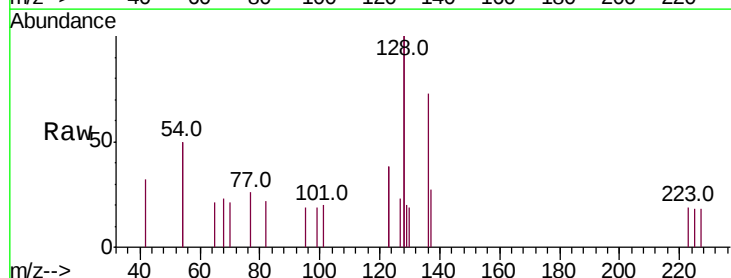
Tgt Ion: 128 Resp: 773

Ion Ratio Lower Upper

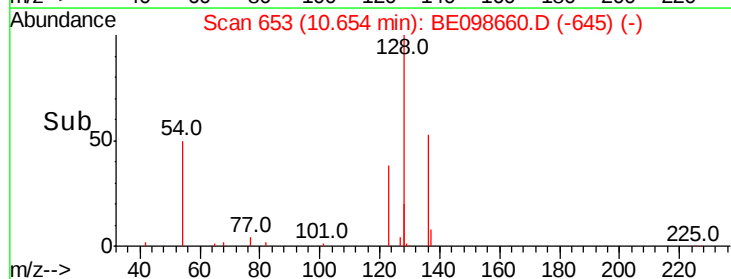
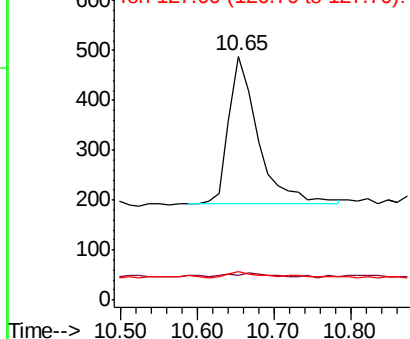
128 100

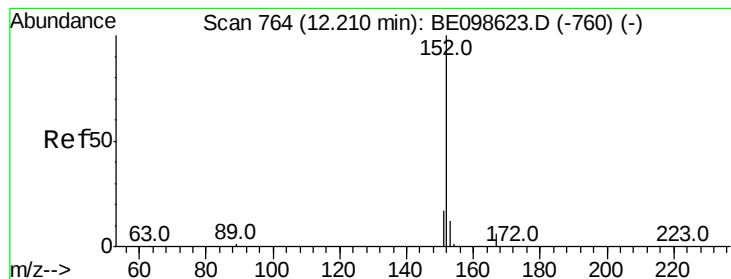
129 10.2 2.6 3.8#

127 11.5 3.0 4.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.467 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

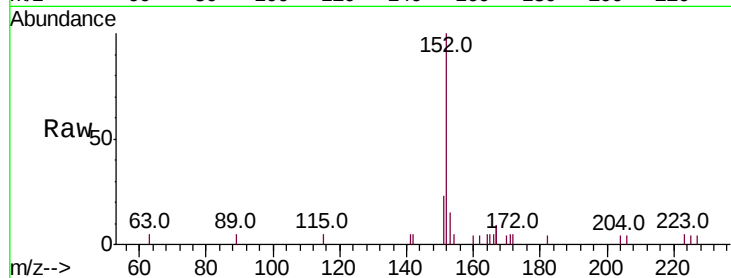
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Tot Ion:152 Resp: 2232

Ion Ratio Lower Upper

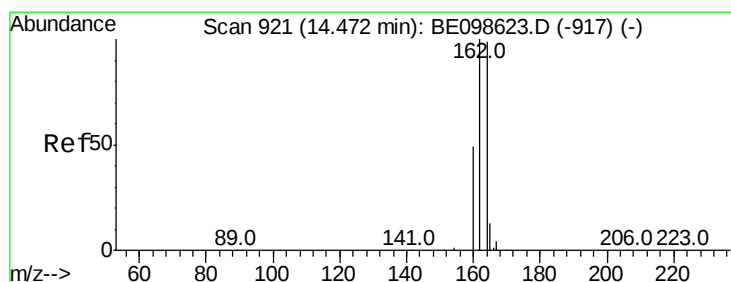
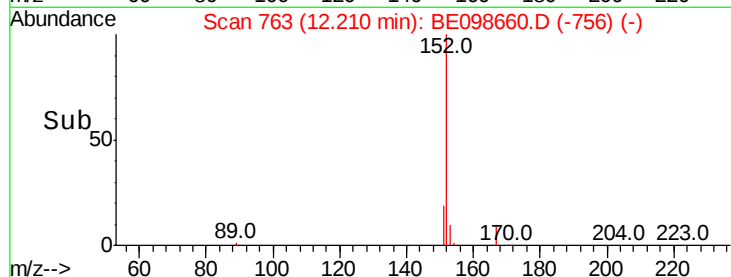
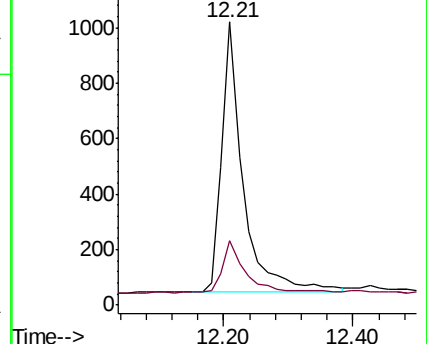
152 100

151 18.1 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: BE098660.D

Acq: 17 Jan 2019 23:19

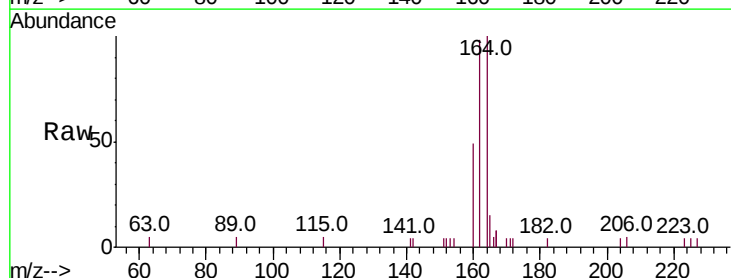
Tgt Ion:164 Resp: 2031

Ion Ratio Lower Upper

164 100

162 98.1 80.5 120.7

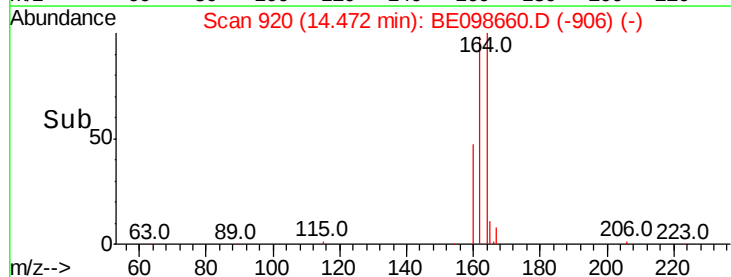
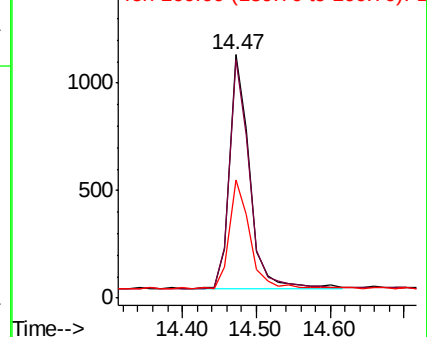
160 48.6 40.1 60.1

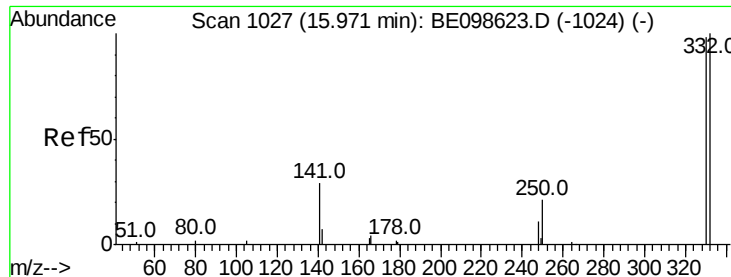


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

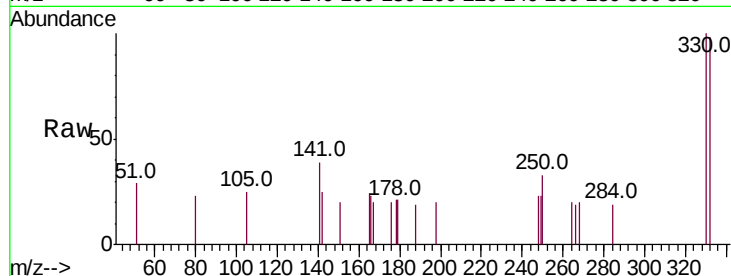




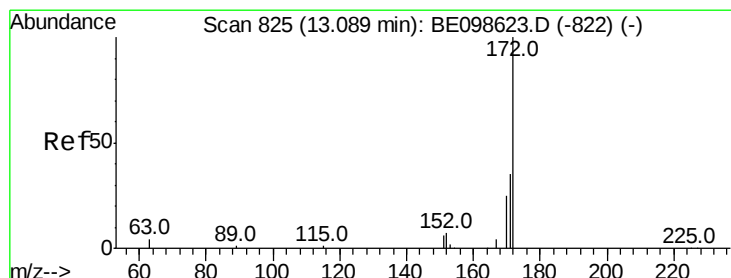
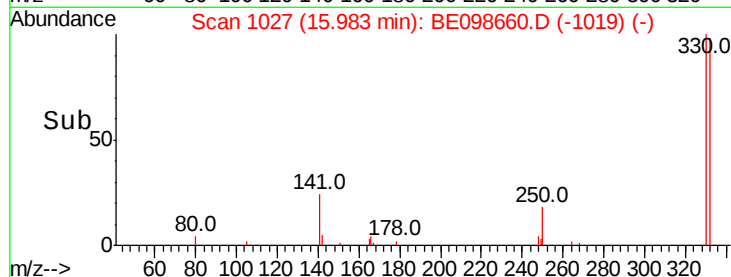
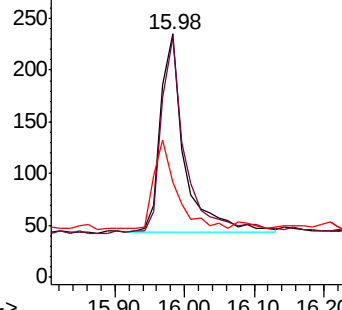
#14
 2,4,6-Tribromophenol
 Concen: 0.511 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098660.D
 Acq: 17 Jan 2019 23:19

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion:330 Resp: 452
 Ion Ratio Lower Upper
 330 100
 332 98.9 73.3 109.9
 141 42.0 33.1 49.7

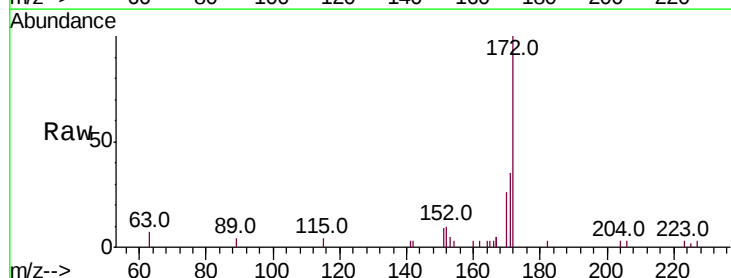


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

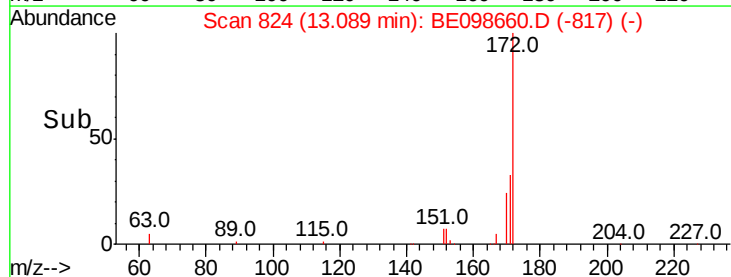
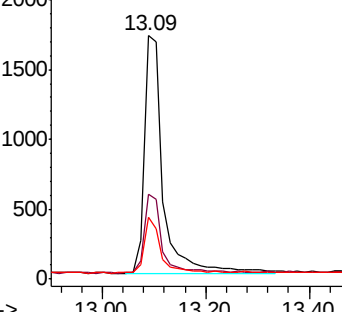


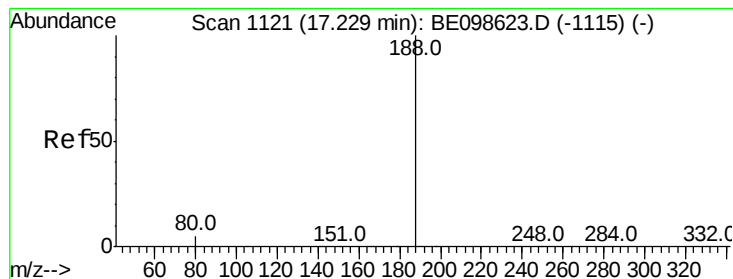
#15
 2-Fluorobiphenyl
 Concen: 0.514 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098660.D
 Acq: 17 Jan 2019 23:19

Tgt Ion:172 Resp: 4274
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.0 43.4
 170 25.6 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: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

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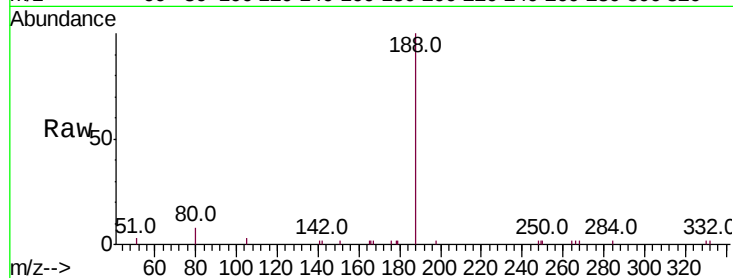
Tot Ion:188 Resp: 4925

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

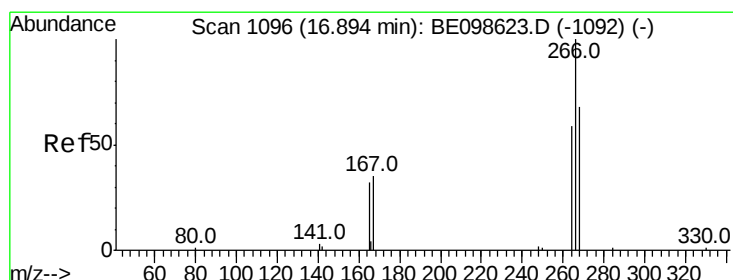
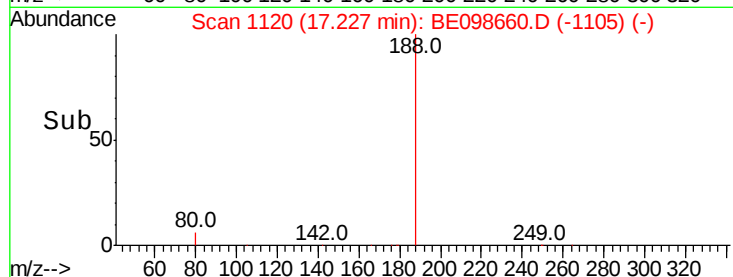
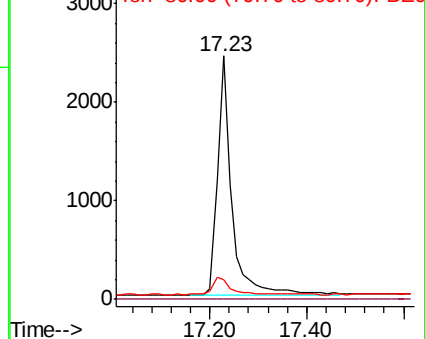
80 8.0 4.7 7.1#



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: 0.209 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

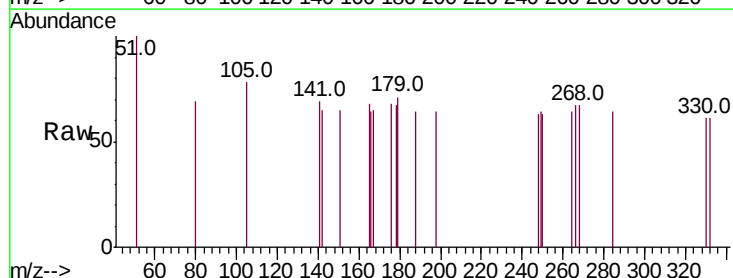
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 95.8 53.7 80.5#

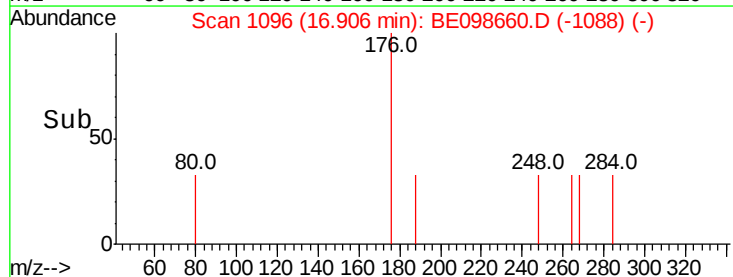
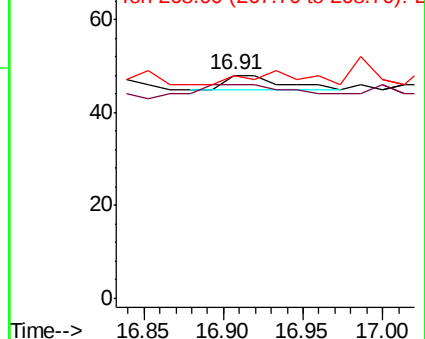
268 100.0 59.8 89.8#

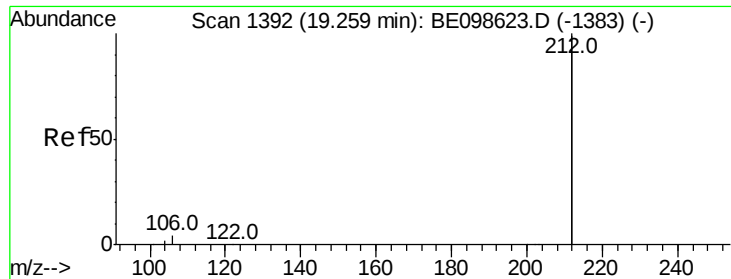


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.486 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

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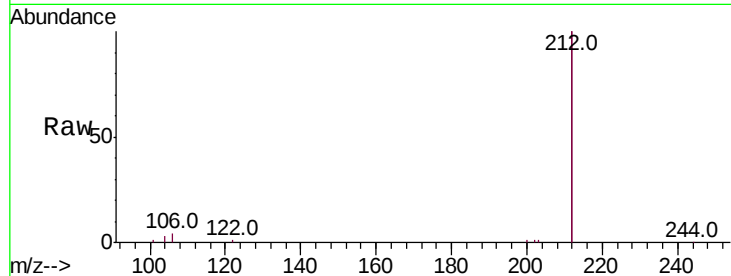
Tot Ion:212 Resp: 29647

Ion Ratio Lower Upper

212 100

106 2.0 1.7 2.5

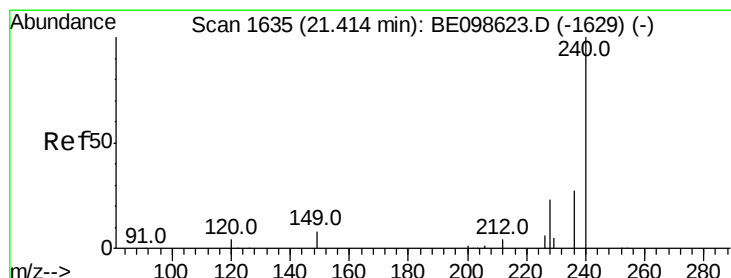
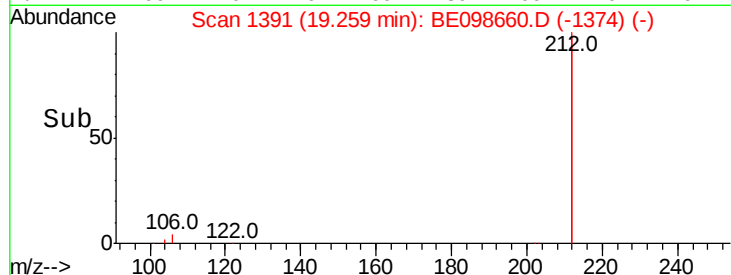
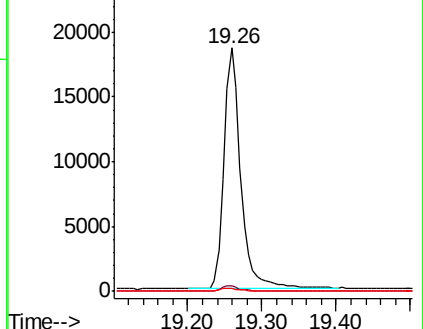
104 1.1 1.0 1.6



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: BE098660.D

Acq: 17 Jan 2019 23:19

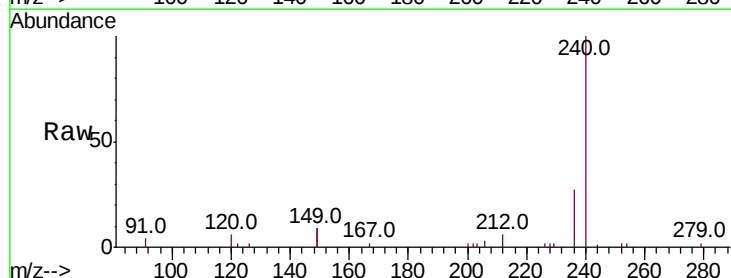
Tgt Ion:240 Resp: 5662

Ion Ratio Lower Upper

240 100

120 5.9 4.7 7.1

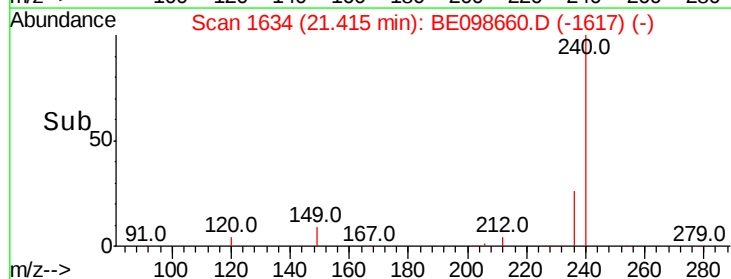
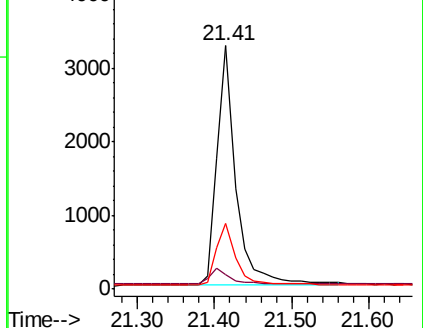
236 27.1 21.9 32.9

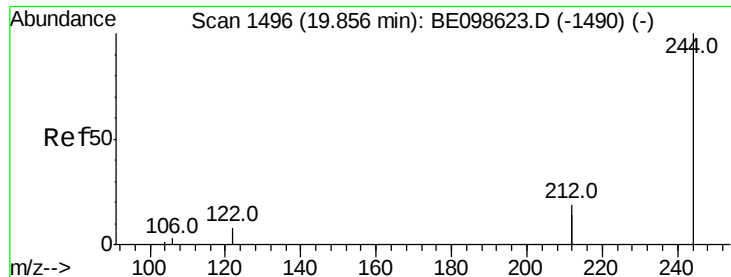


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.540 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

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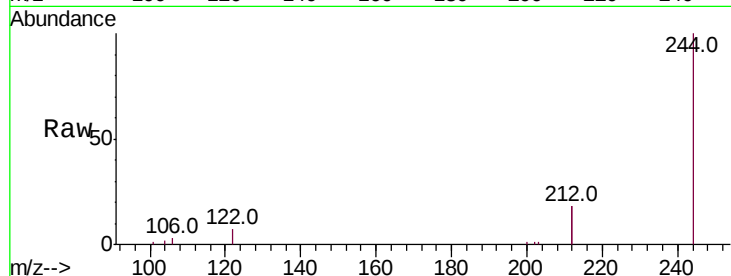
Tot Ion:244 Resp: 6761

Ion Ratio Lower Upper

244 100

212 36.5 29.4 44.2

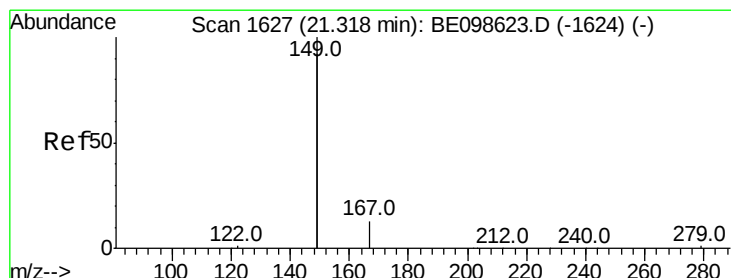
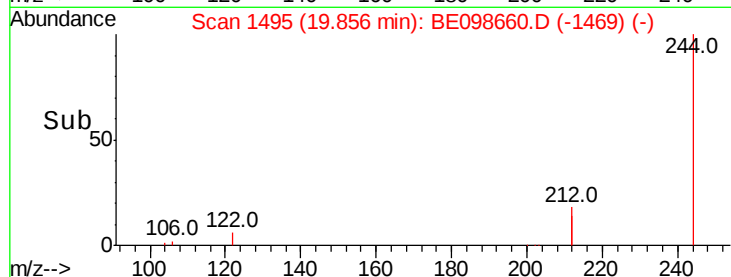
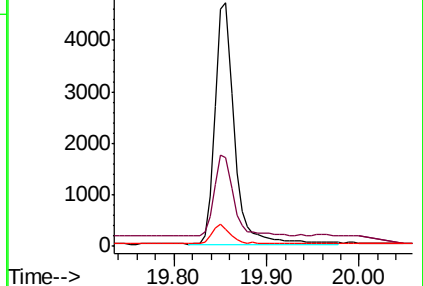
122 7.1 7.1 10.7#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.033 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

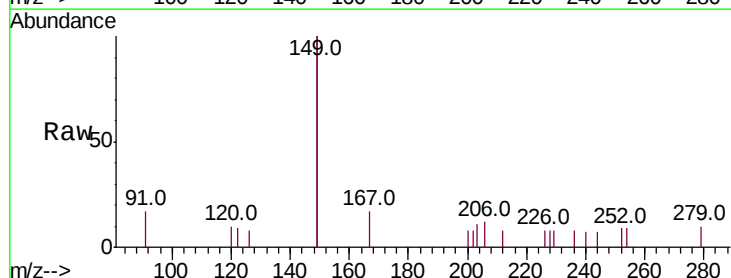
Tgt Ion:149 Resp: 1074

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.2

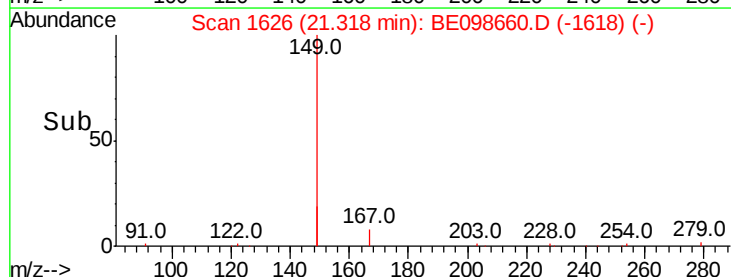
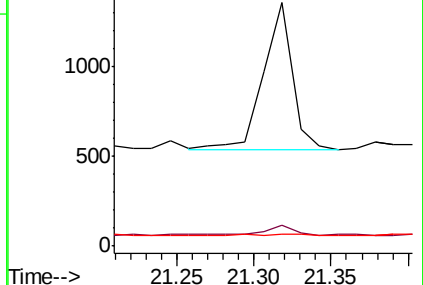
279 1.9 1.0 1.4#

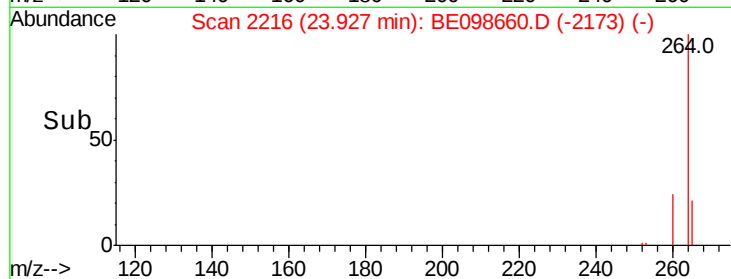
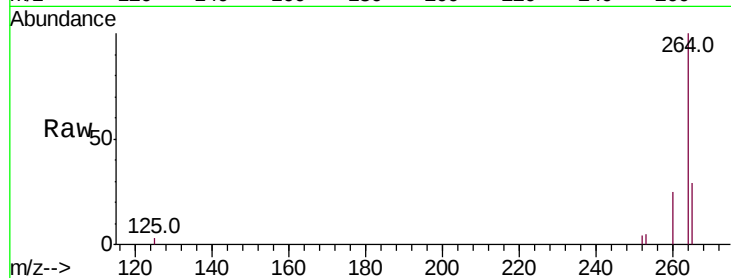
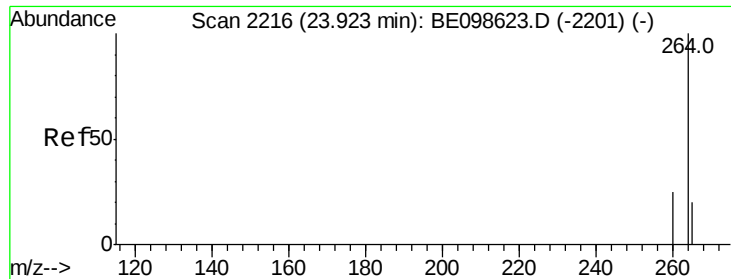


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098660.D

Acq: 17 Jan 2019 23:19

Instrument :

BNA_E

ClientSampleId :

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Tot Ion:264 Resp: 5582

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 29.4 22.3 33.5

