

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
 Data File : BE098961.D
 Acq On : 15 Mar 2019 2:02
 Operator : JU/SJ
 Sample : K1900-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190313

Quant Time: Mar 15 06:03:04 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

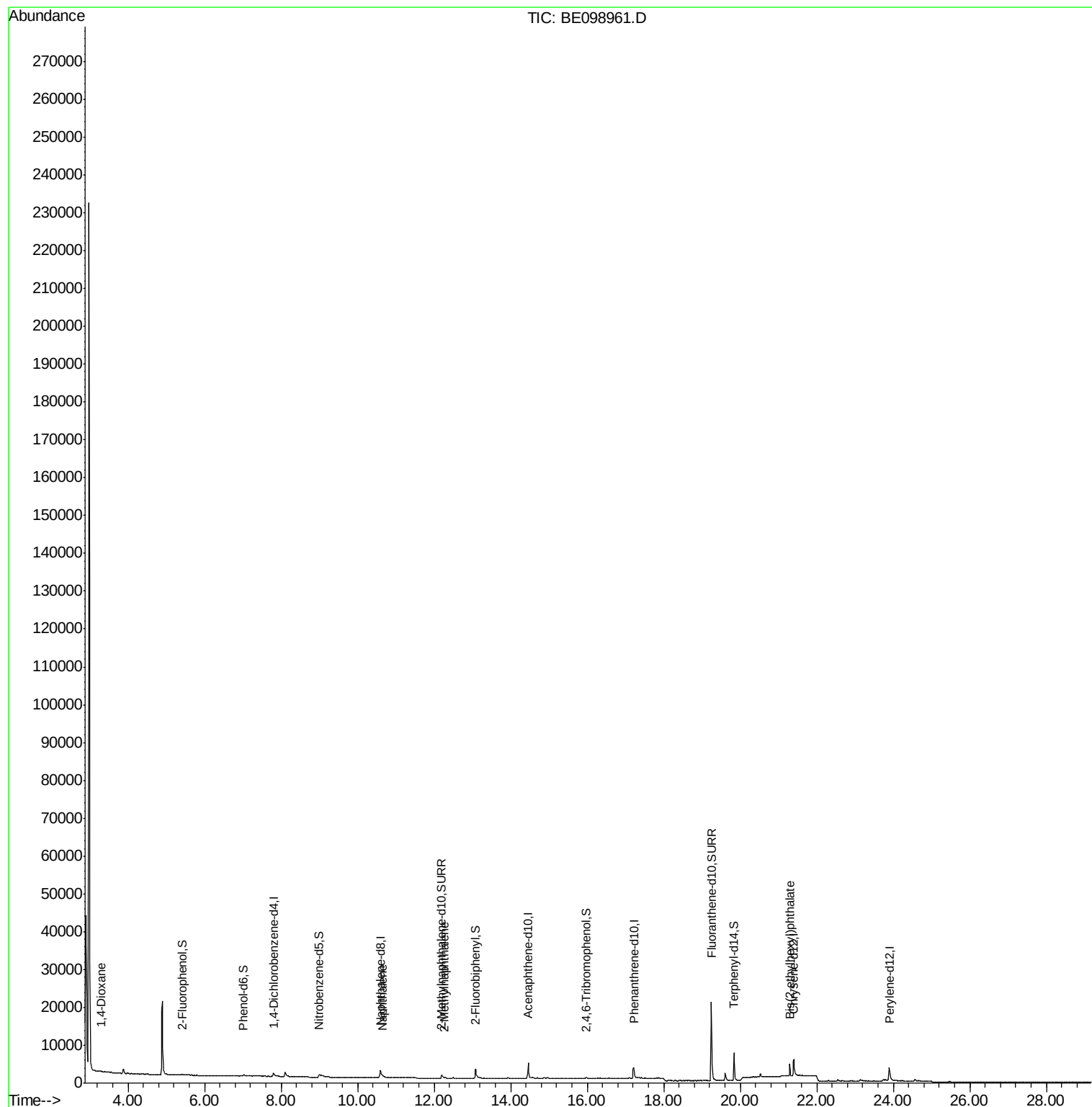
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	768	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3597	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2474	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5865	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7024	0.40	ng	0.00
34) Perylene-d12	23.90	264	6603	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	349	0.15	ng	0.02
5) Phenol-d6	7.01	99	254	0.08	ng	0.02
8) Nitrobenzene-d5	8.99	82	1168	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2366	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	412	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4218	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	33813	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7370	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	155	0.027	ng	# 57
9) Naphthalene	10.64	128	1102	0.027	ng	# 79
12) 2-Methylnaphthalene	12.27	142	217	0.032	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.29	149	3309	0.071	ng	# 98

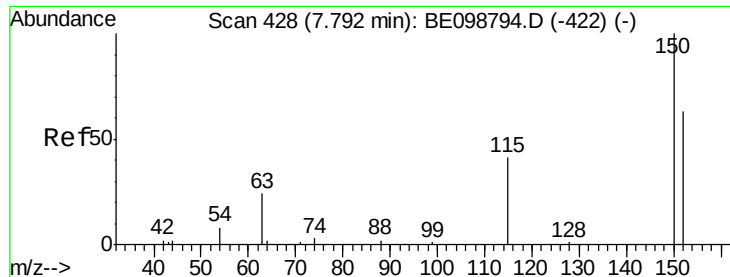
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190313

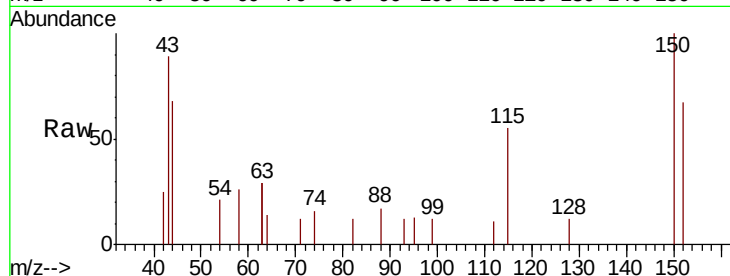
Tot Ion:152 Resp: 768

Ion Ratio Lower Upper

152 100

150 149.1 122.5 183.7

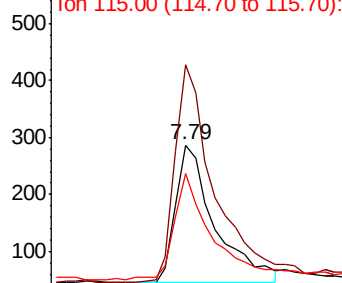
115 82.2 57.4 86.2



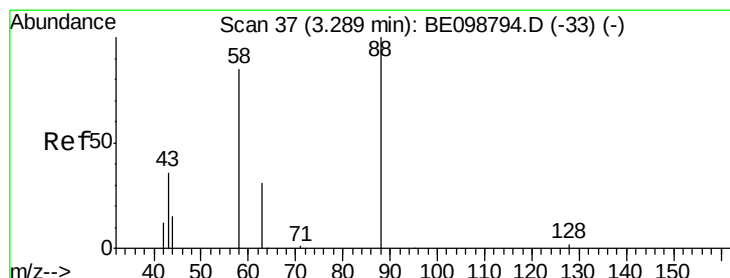
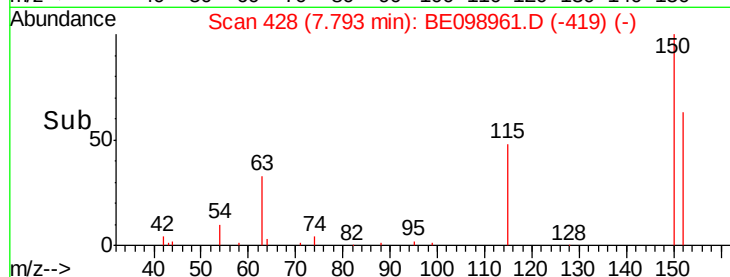
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.027 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

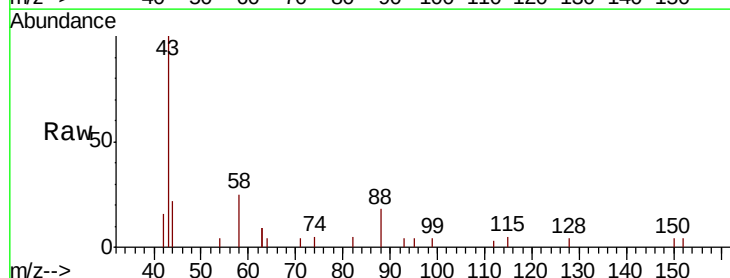
Tgt Ion: 88 Resp: 155

Ion Ratio Lower Upper

88 100

58 119.4 75.8 113.6#

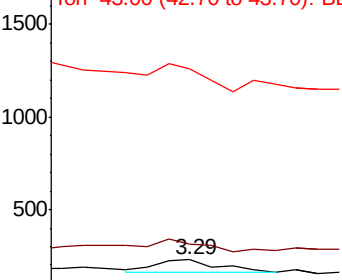
43 0.0 41.8 62.8#



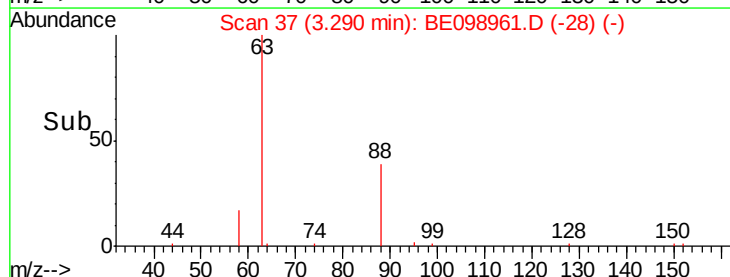
Abundance Ion 88.00 (87.70 to 88.70): BE0

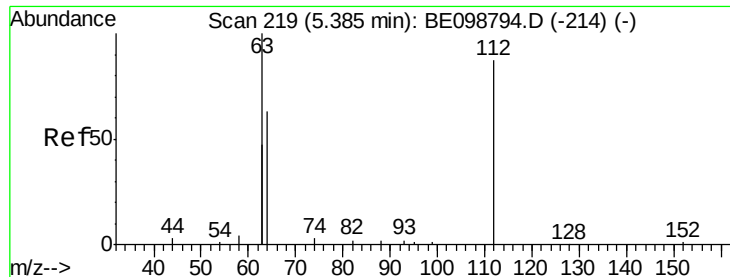
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.152 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190313

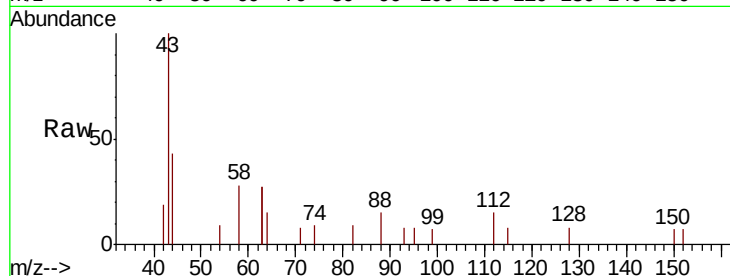
Tot Ion:112 Resp: 349

Ion Ratio Lower Upper

112 100

64 72.8 57.9 86.9

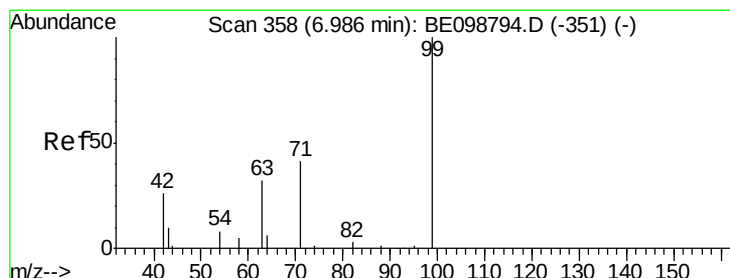
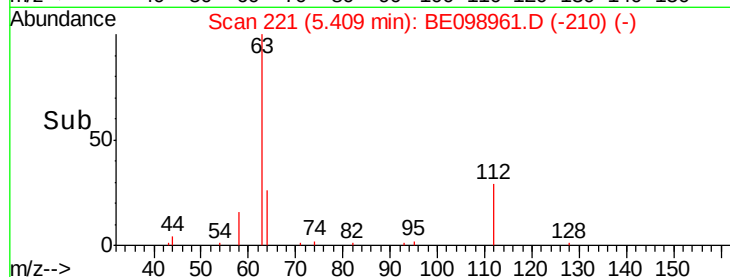
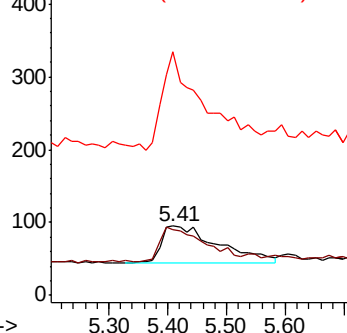
63 193.7 158.3 237.5



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: 0.078 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

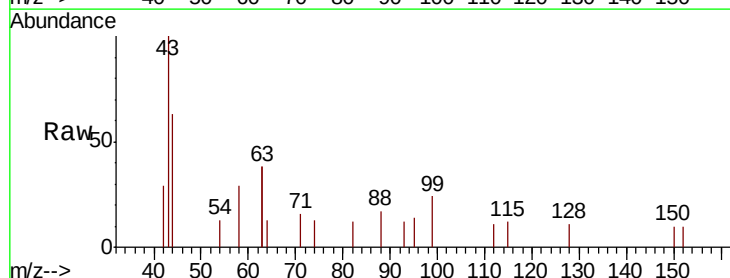
Tgt Ion: 99 Resp: 254

Ion Ratio Lower Upper

99 100

42 56.7 24.2 36.2#

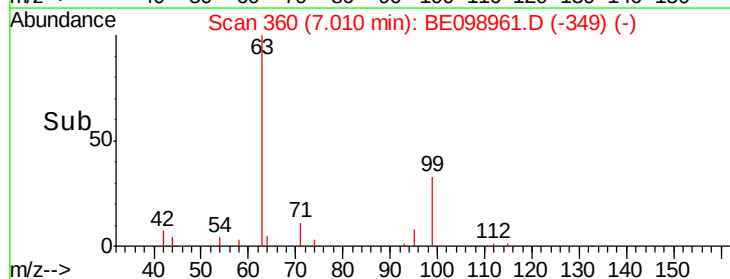
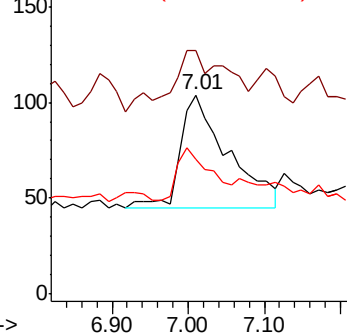
71 31.9 35.7 53.5#

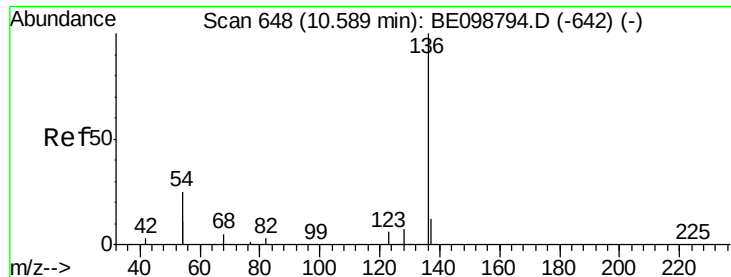


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190313

Tot Ion:136 Resp: 3597

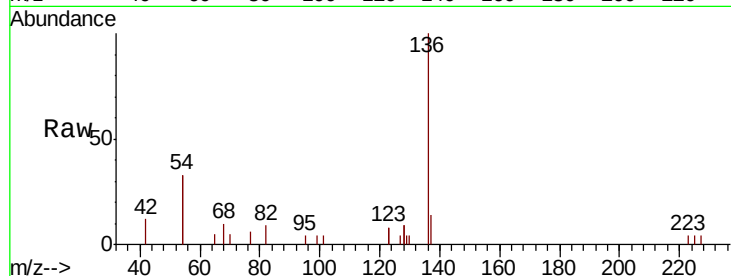
Ion Ratio Lower Upper

136 100

137 14.4 11.4 17.0

54 66.7 39.3 58.9#

68 10.4 6.7 10.1#

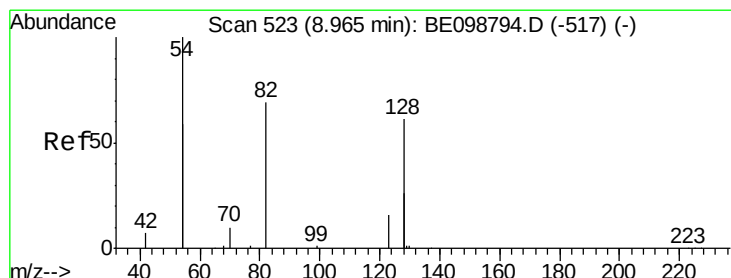
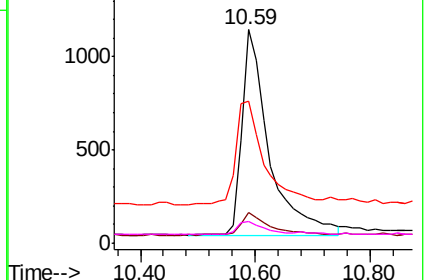
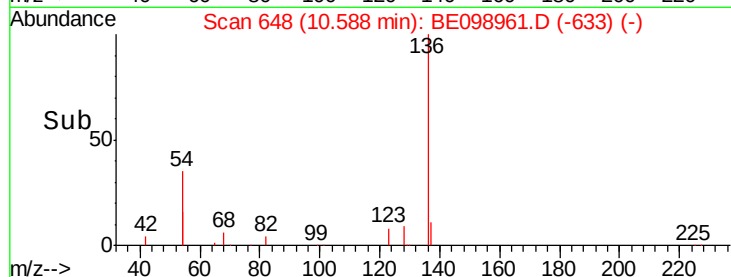


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.310 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

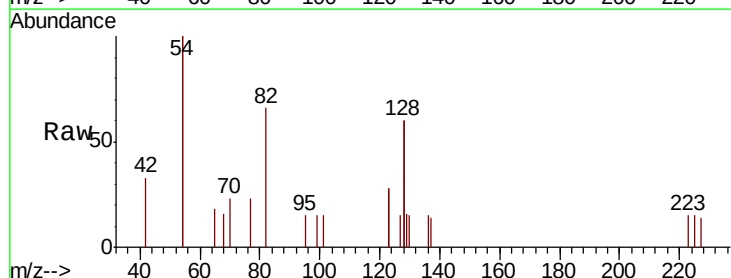
Tgt Ion: 82 Resp: 1168

Ion Ratio Lower Upper

82 100

128 180.9 123.8 185.8

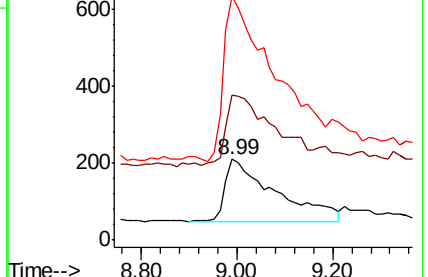
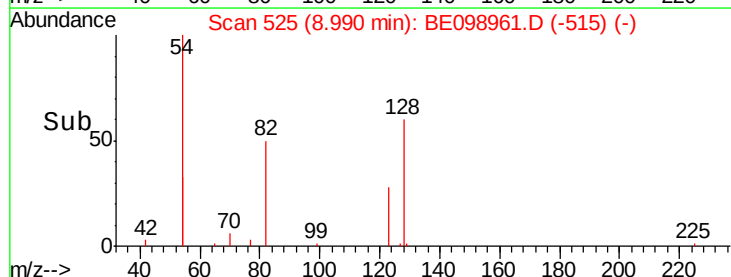
54 302.4 203.4 305.2

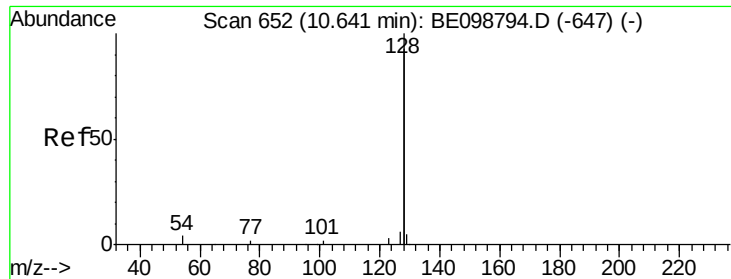


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.027 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190313

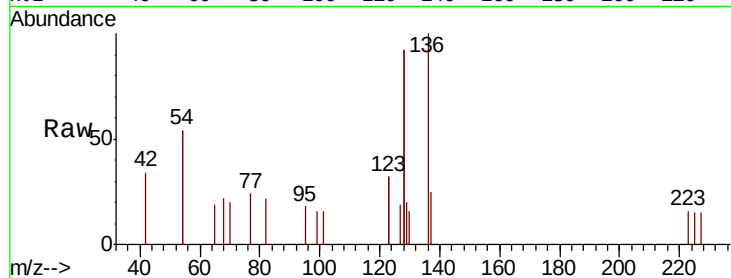
Tot Ion:128 Resp: 1102

Ion Ratio Lower Upper

128 100

129 10.8 2.6 4.0#

127 10.4 3.1 4.7#



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

600

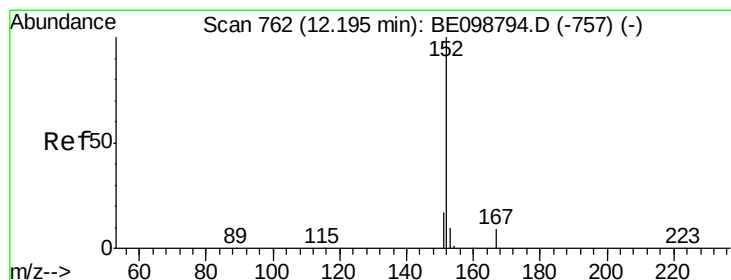
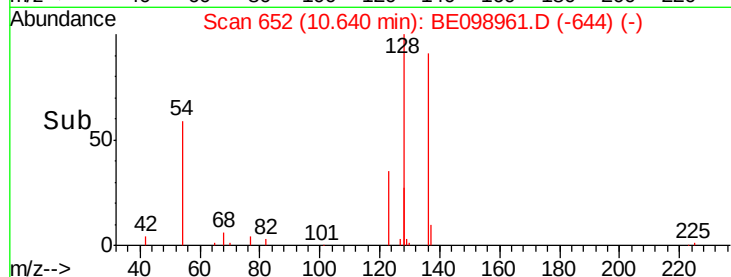
400

200

0

10.50 10.60 10.70 10.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098961.D

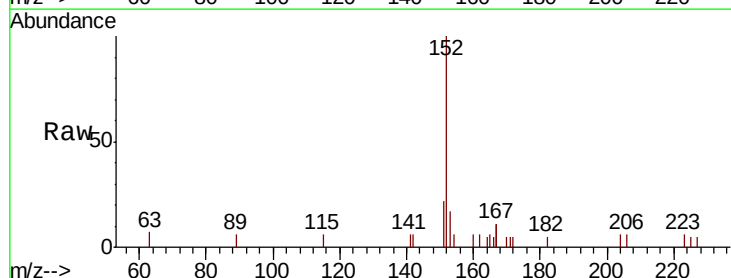
Acq: 15 Mar 2019 2:02

Tgt Ion:152 Resp: 2366

Ion Ratio Lower Upper

152 100

151 19.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

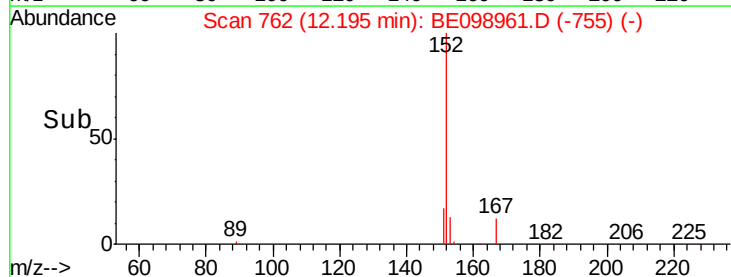
400

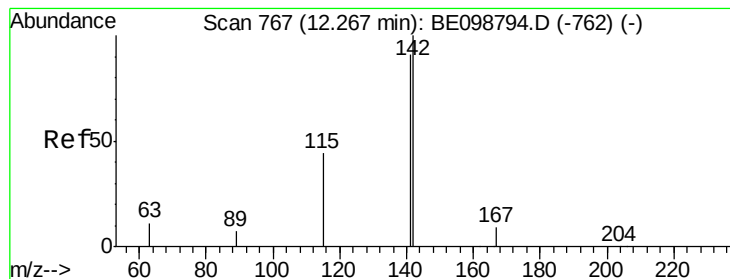
200

0

12.20 12.40

Time-->





#12

2-Methylnaphthalene

Concen: 0.032 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190313

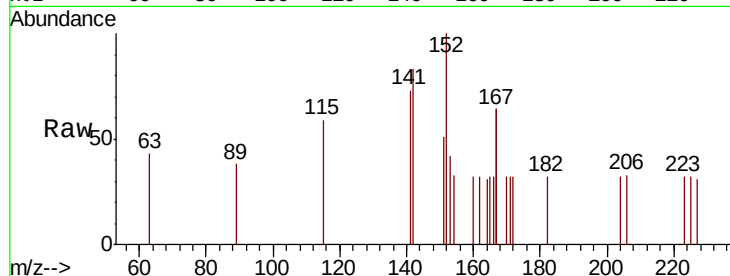
Tot Ion:142 Resp: 217

Ion Ratio Lower Upper

142 100

141 87.3 72.6 108.8

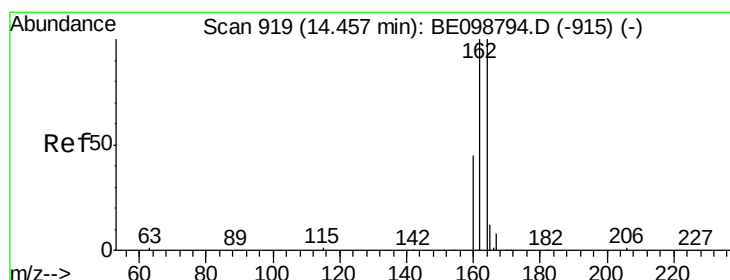
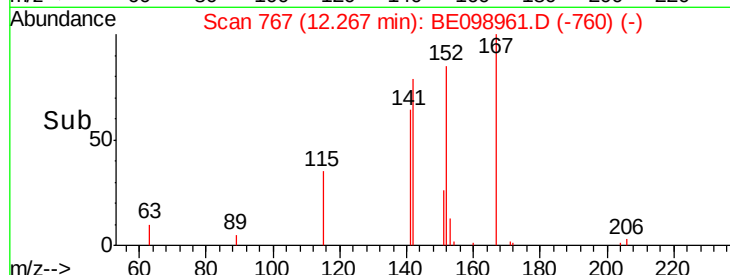
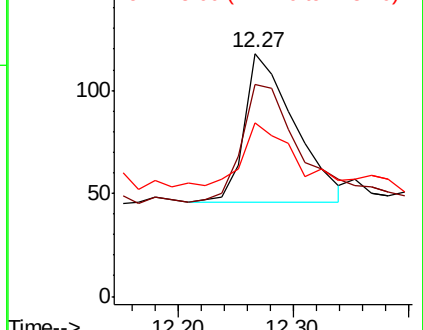
115 71.2 37.4 56.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

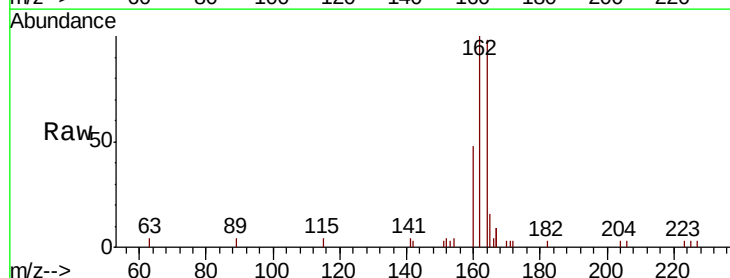
Tgt Ion:164 Resp: 2474

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

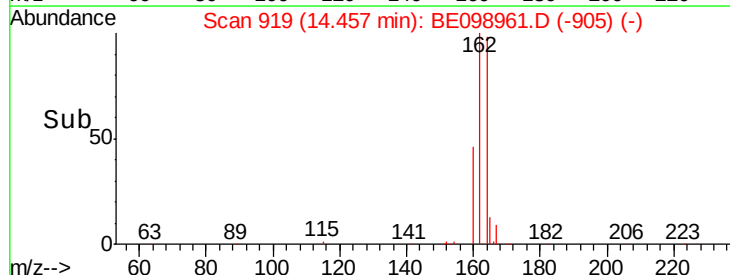
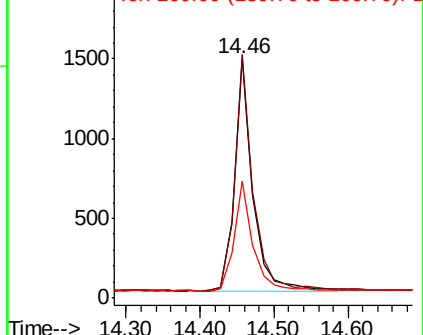
160 48.8 37.8 56.8

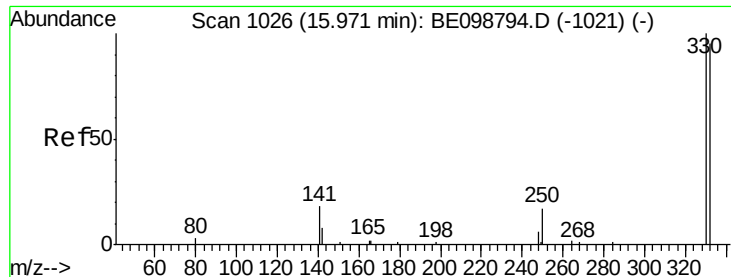


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

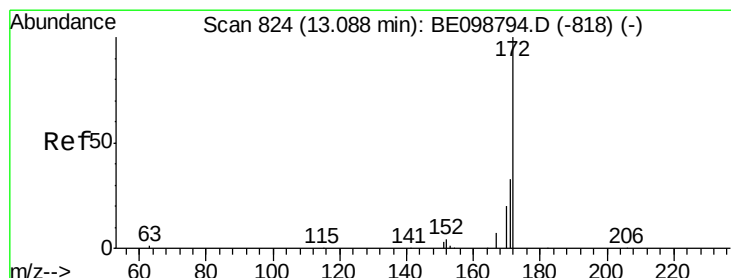
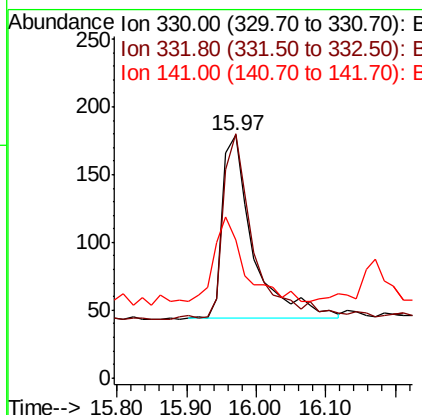
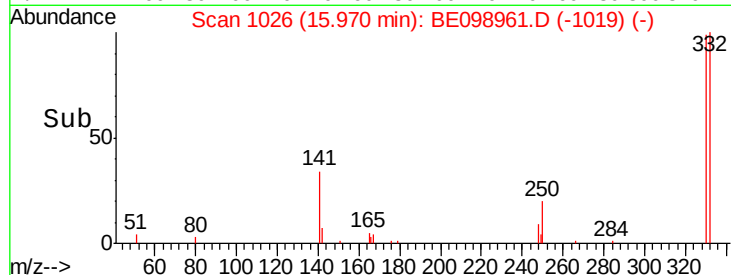
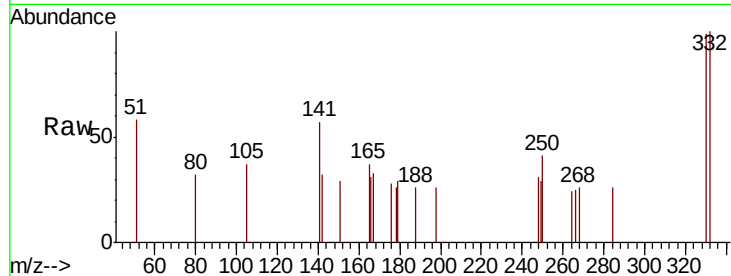




#14
 2,4,6-Tribromophenol
 Concen: 0.330 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098961.D
 Acq: 15 Mar 2019 2:02

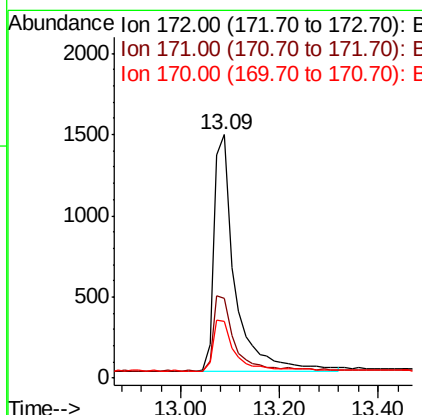
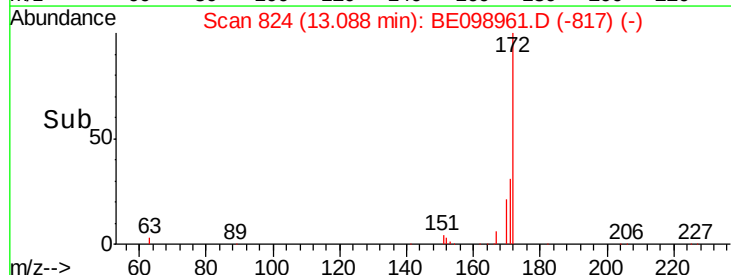
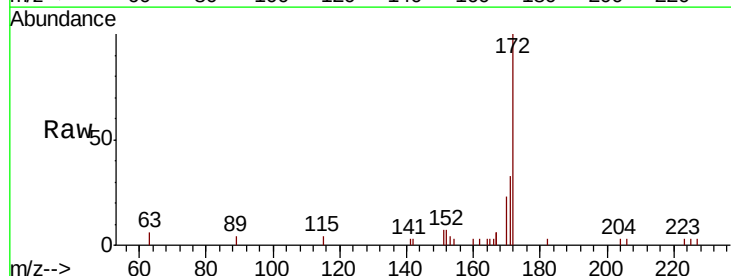
Instrument :
 BNA_E
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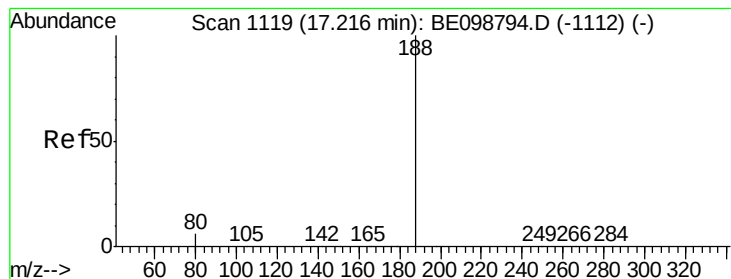
Tot Ion:330 Resp: 412
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.6 116.4
 141 46.1 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098961.D
 Acq: 15 Mar 2019 2:02

Tgt Ion:172 Resp: 4218
 Ion Ratio Lower Upper
 172 100
 171 33.0 28.0 42.0
 170 23.2 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190313

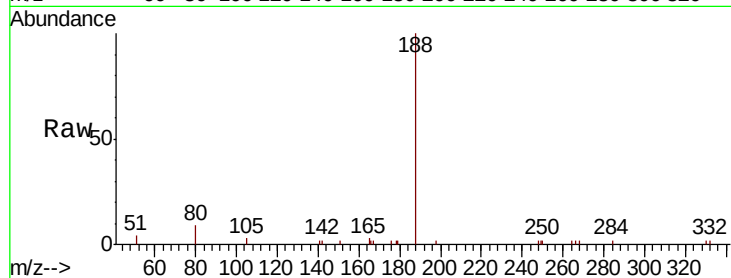
Tot Ion:188 Resp: 5865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

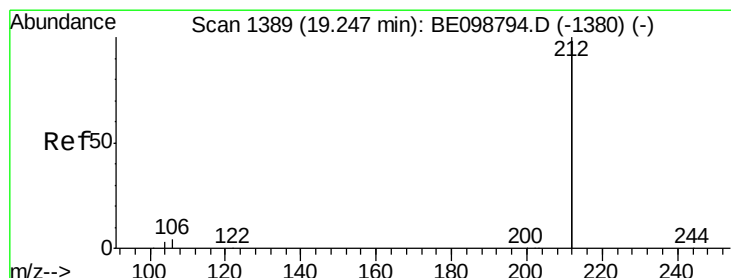
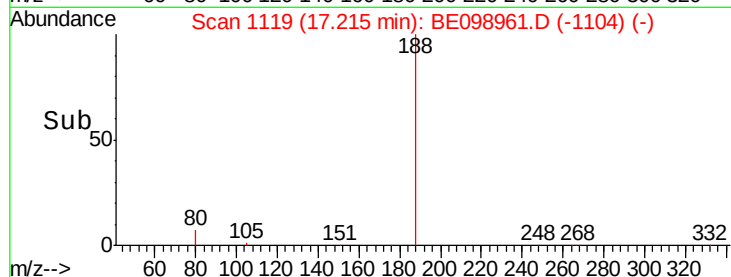
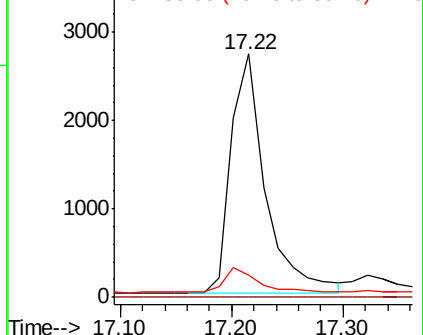
80 9.0 6.3 9.5



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



#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

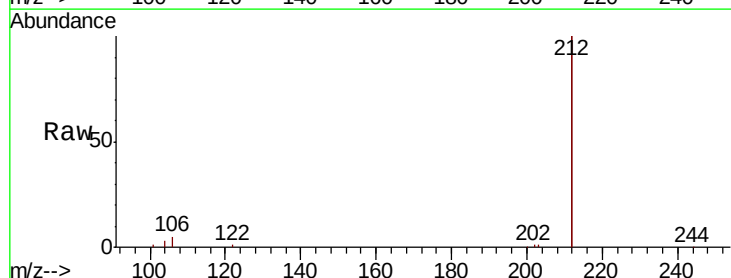
Tgt Ion:212 Resp: 33813

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

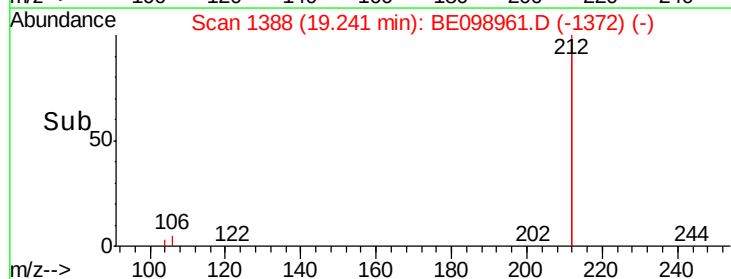
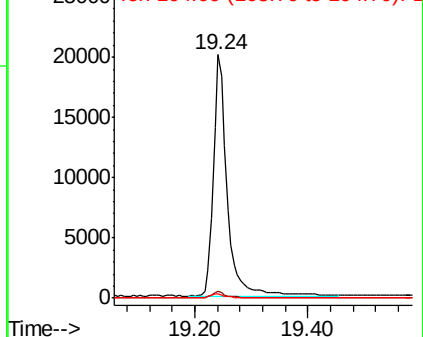
104 1.3 1.0 1.6

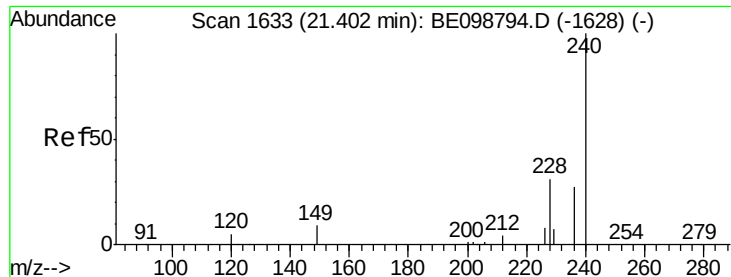


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190313

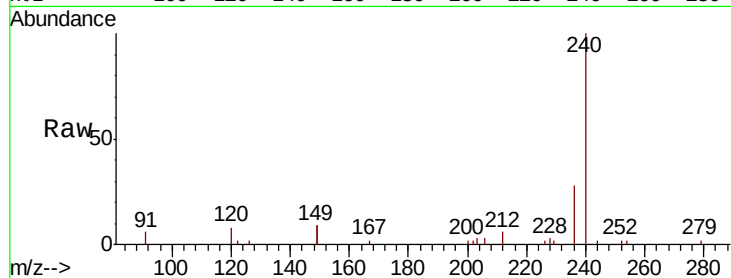
Tot Ion:240 Resp: 7024

Ion Ratio Lower Upper

240 100

120 7.6 5.0 7.4#

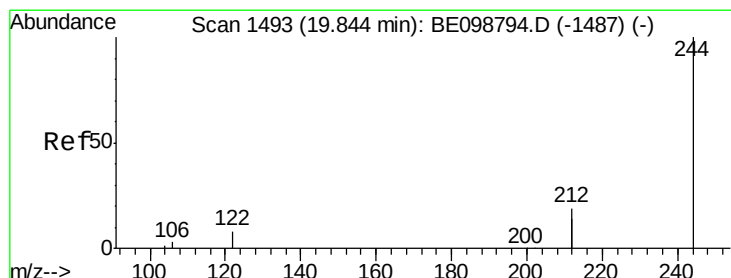
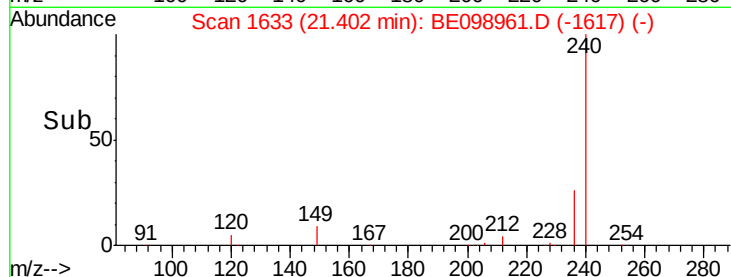
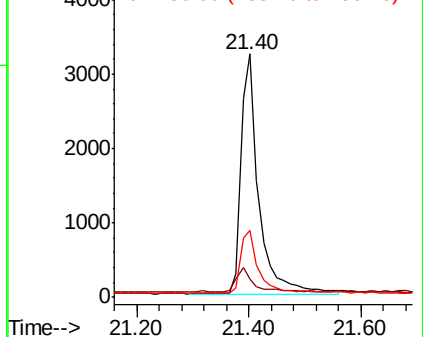
236 27.6 22.7 34.1



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: 0.432 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098961.D

Acq: 15 Mar 2019 2:02

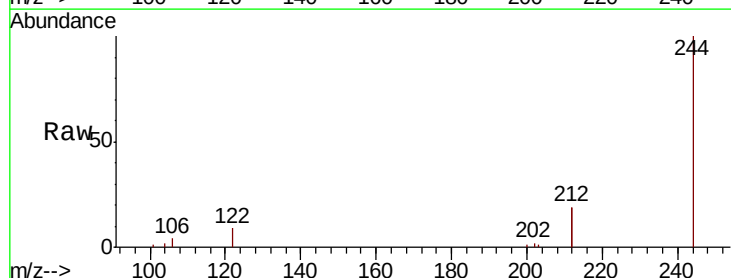
Tgt Ion:244 Resp: 7370

Ion Ratio Lower Upper

244 100

212 37.8 29.4 44.2

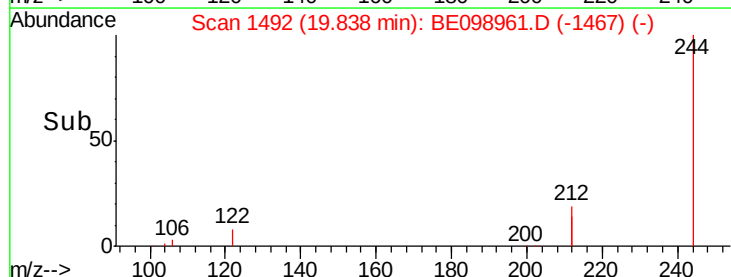
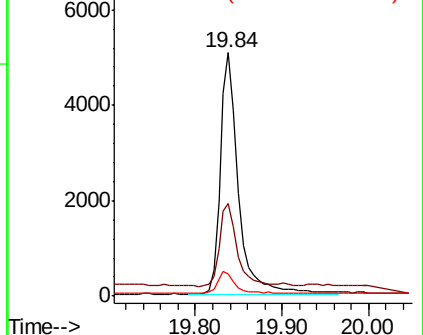
122 9.1 7.1 10.7

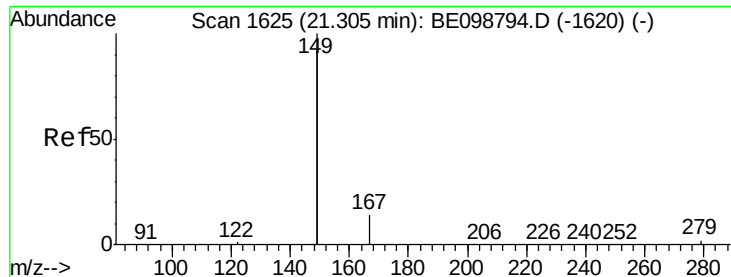


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

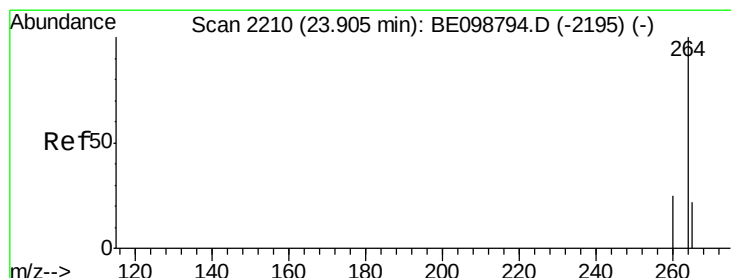
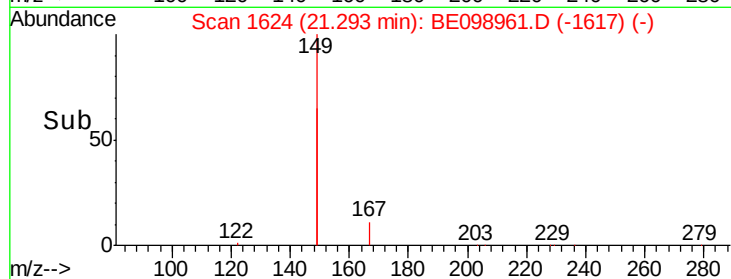
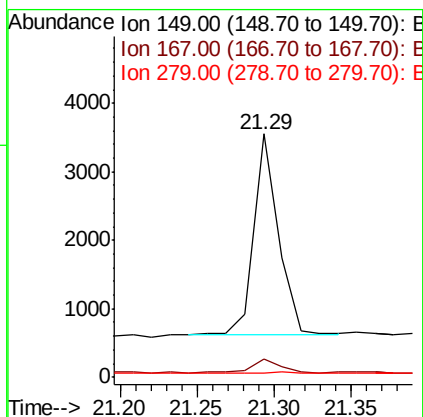
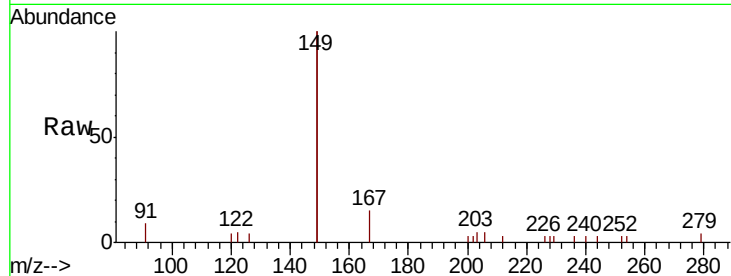




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098961.D
 Acq: 15 Mar 2019 2:02

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190313

Tot Ion:149 Resp: 3309
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.4 8.0
 279 1.5 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098961.D
 Acq: 15 Mar 2019 2:02

Tgt Ion:264 Resp: 6603
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 29.0 24.6 36.8

