

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
 Data File : BE100102.D
 Acq On : 20 Jun 2019 10:48
 Operator : JU/SJ
 Sample : PB120562BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120562BL

Quant Time: Jun 21 01:43:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

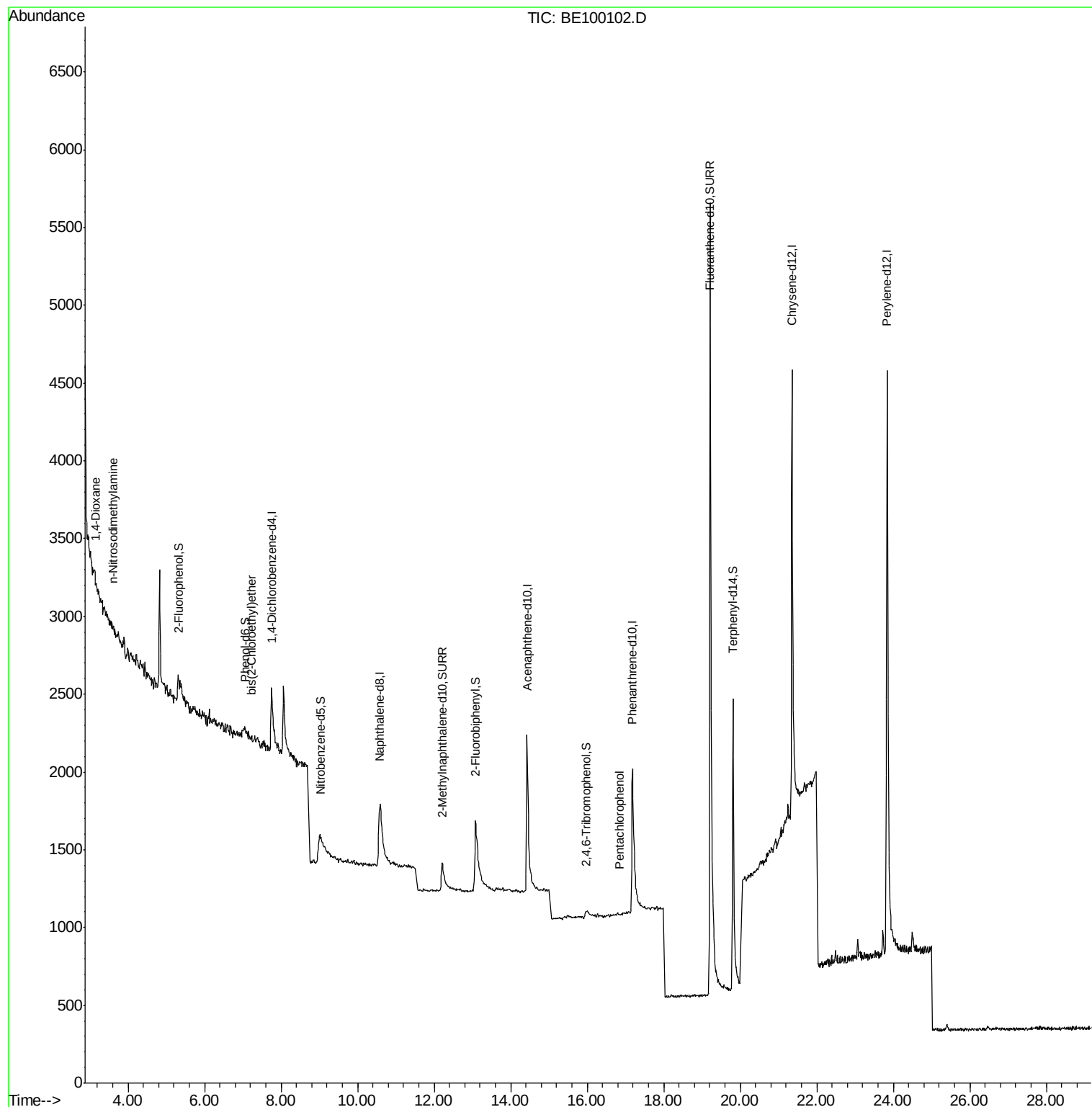
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	475	0.40	ng	0.01
7) Naphthalene-d8	10.57	136	1667	0.40	ng	0.04
13) Acenaphthene-d10	14.43	164	1399	0.40	ng	0.01
19) Phenanthrene-d10	17.19	188	3876	0.40	ng	0.03
27) Chrysene-d12	21.35	240	5520	0.40	ng	0.01
34) Perylene-d12	23.84	264	7857	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	323	0.33	ng	0.01
5) Phenol-d6	7.06	99	316	0.23	ng	0.13
8) Nitrobenzene-d5	9.03	82	306	0.19	ng	0.12
11) 2-Methylnaphthalene-d10	12.21	152	912	0.29	ng	0.06
14) 2,4,6-Tribromophenol	15.98	330	98	0.13	ng	0.07
15) 2-Fluorobiphenyl	13.07	172	1718	0.31	ng	0.03
25) Fluoranthene-d10	19.21	212	14924	0.27	ng	0.02
29) Terphenyl-d14	19.80	244	3761	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.15	88	40	0.052	ng	Qvalue # 27
3) n-Nitrosodimethylamine	3.60	42	23	0.387	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	9	0.040	ng	# 1
22) Pentachlorophenol	16.84	266	4	0.247	ng	87

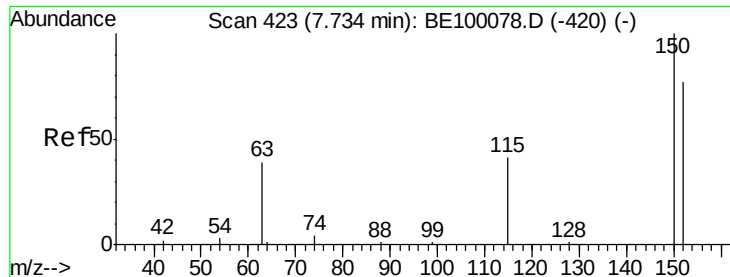
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 424

Delta R.T. 0.01 min

Lab File: BE100102.D

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ClientSampleId :

PB120562BL

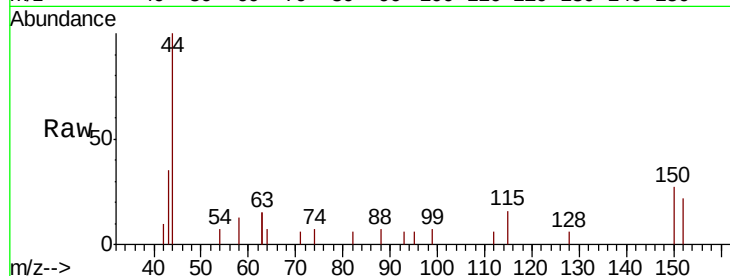
Tgt Ion: 152 Resp: 475

Ion Ratio Lower Upper

152 100

150 125.3 99.8 149.8

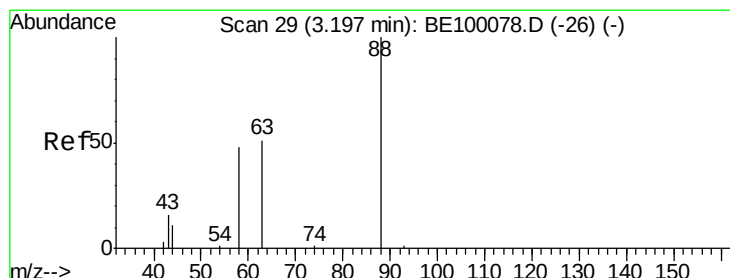
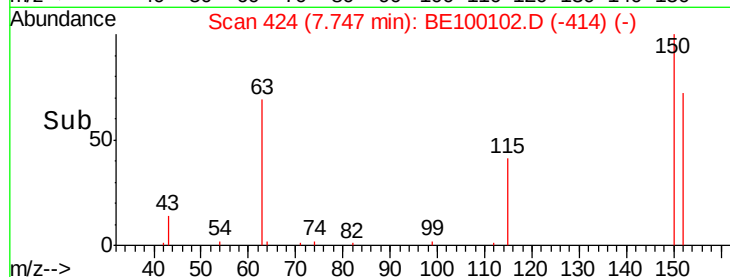
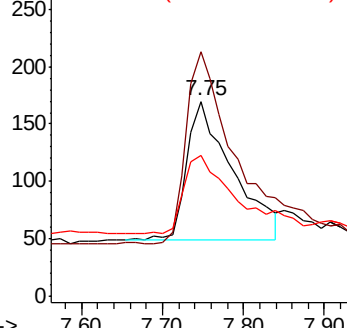
115 72.4 51.3 76.9



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: 0.052 ng

RT: 3.15 min Scan# 25

Delta R.T. -0.05 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

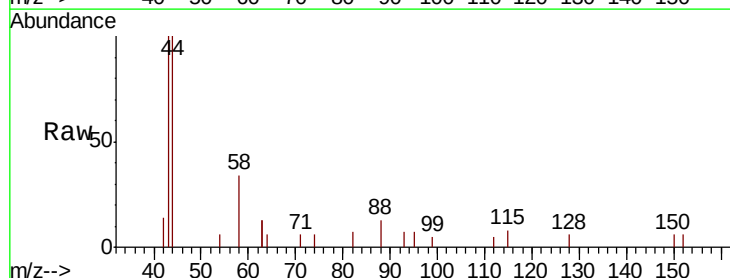
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

58 0.0 51.1 76.7#

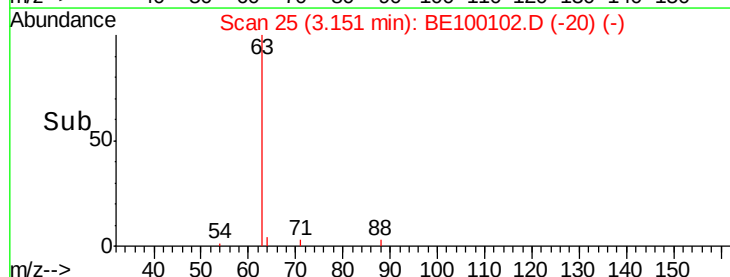
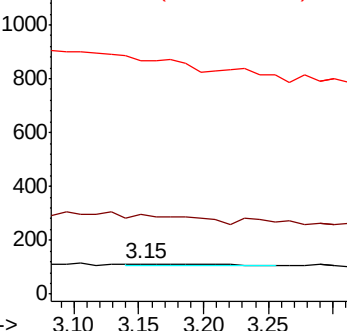
43 0.0 21.7 32.5#

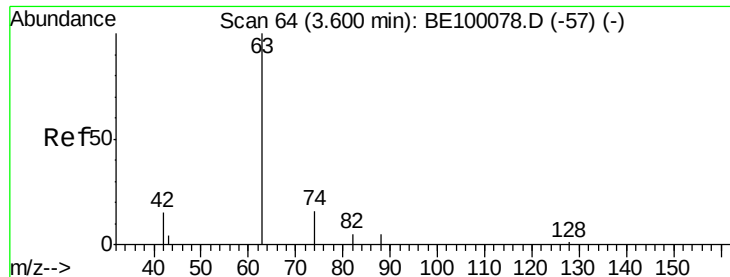


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.387 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100102.D

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Instrument :

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ClientSampleId :

PB120562BL

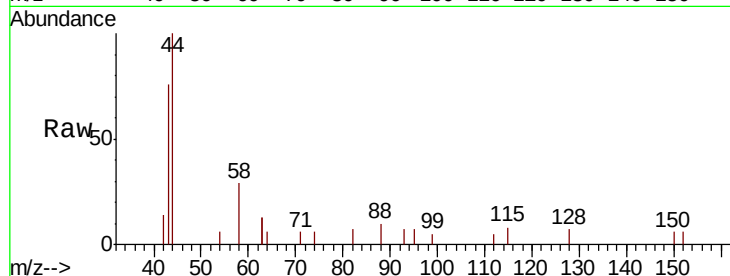
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

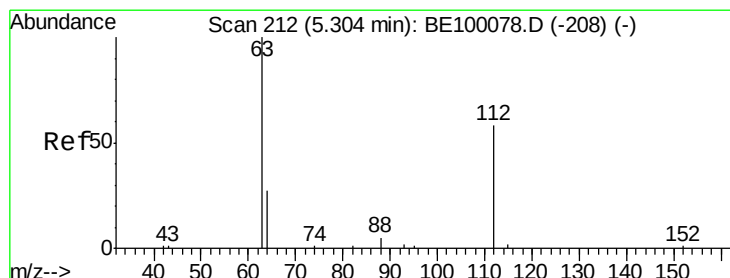
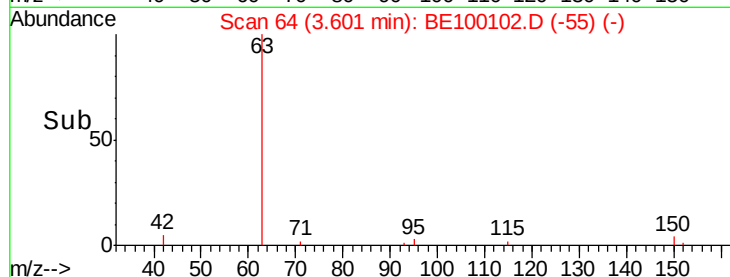
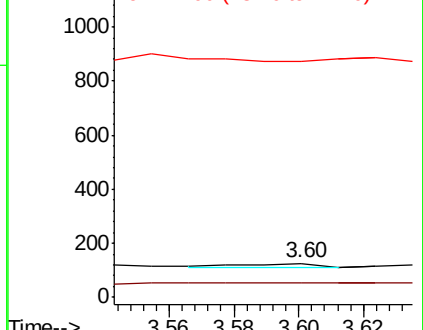
42 100

74 26.1 0.0 0.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.328 ng

RT: 5.32 min Scan# 213

Delta R.T. 0.01 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

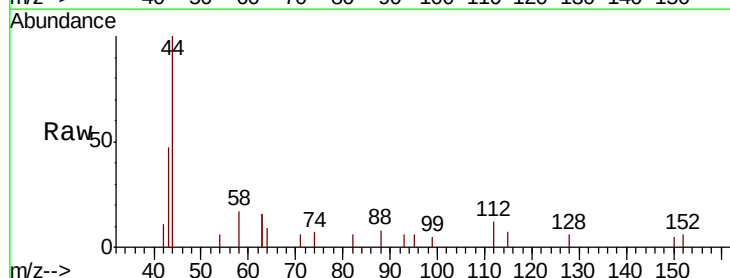
Tgt Ion: 112 Resp: 323

Ion Ratio Lower Upper

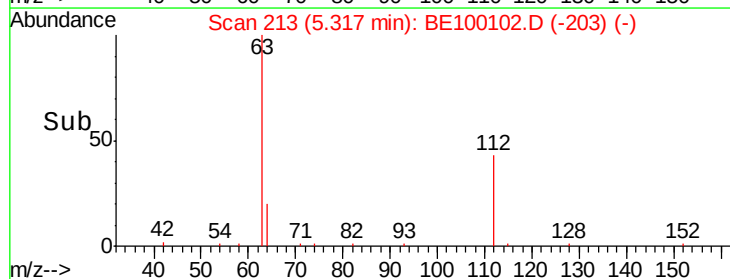
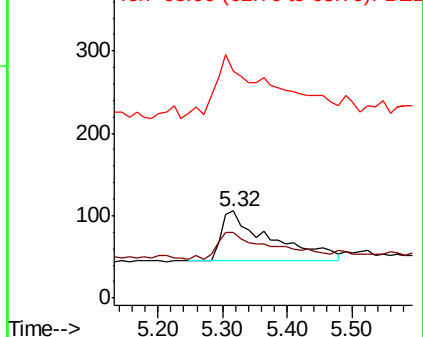
112 100

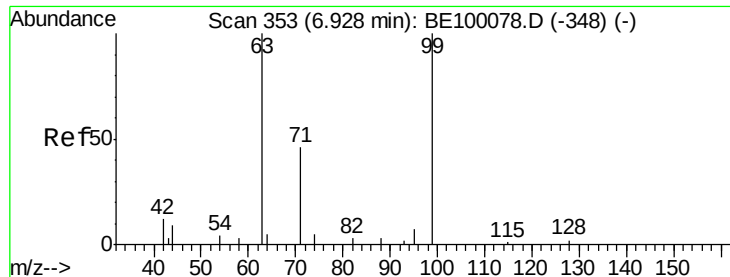
64 61.9 22.0 33.0#

63 154.8 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.233 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.13 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

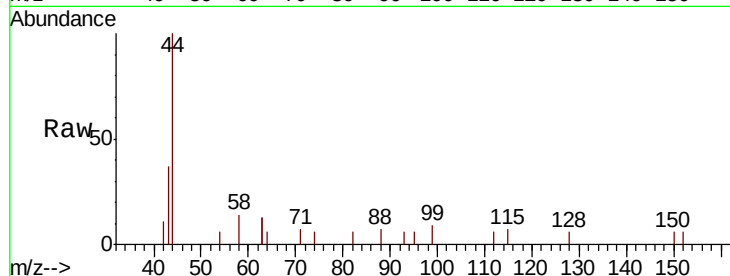
Tgt Ion: 99 Resp: 316

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

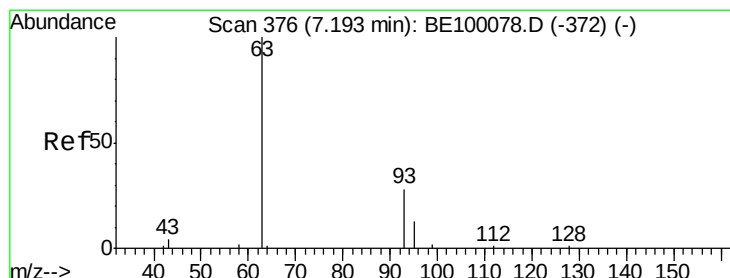
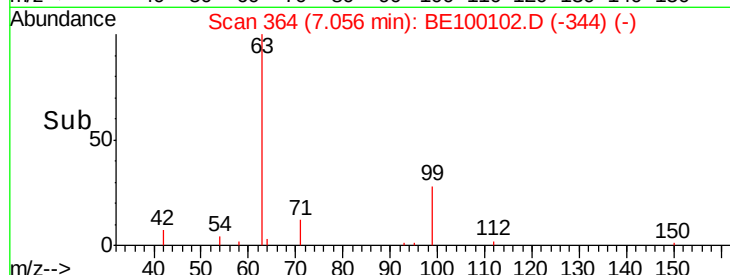
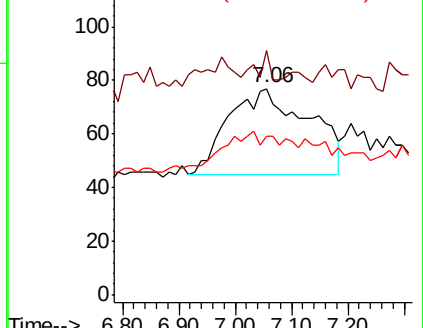
71 0.0 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.040 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.02 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

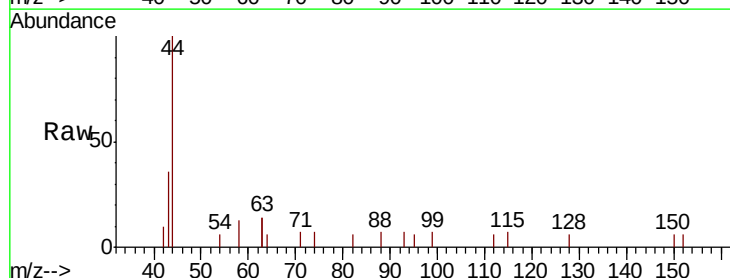
Tgt Ion: 93 Resp: 9

Ion Ratio Lower Upper

93 100

63 477.8 200.0 300.0#

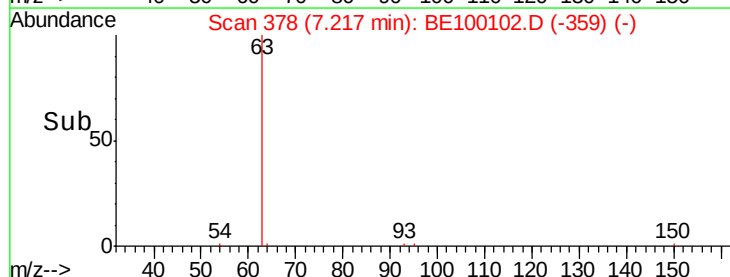
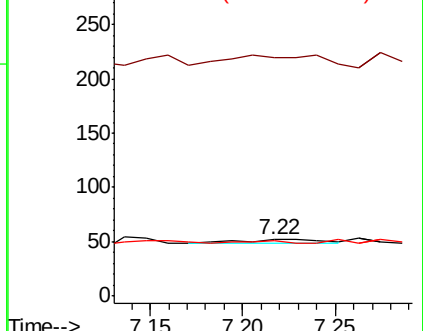
95 66.7 24.0 36.0#

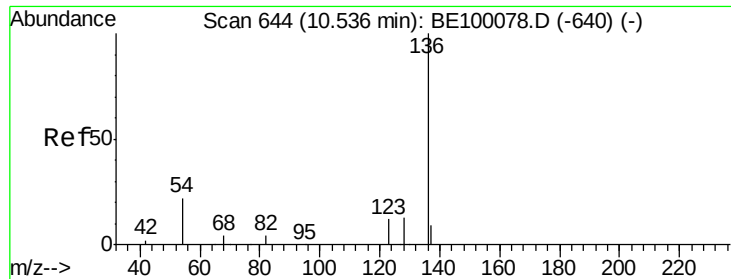


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.57 min Scan# 647

Delta R.T. 0.04 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

Tgt Ion: 136 Resp: 1667

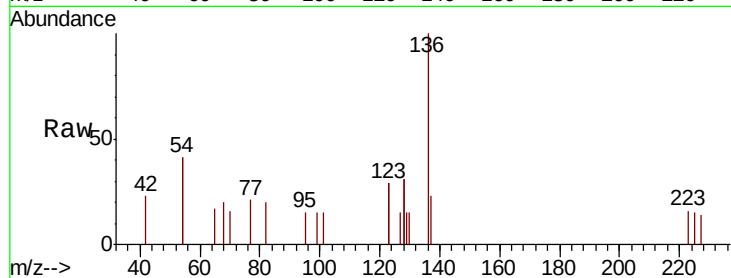
Ion Ratio Lower Upper

136 100

137 22.6 11.6 17.4#

54 81.9 33.9 50.9#

68 20.0 7.8 11.8#

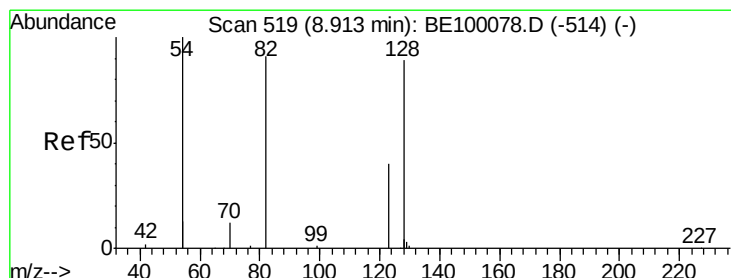
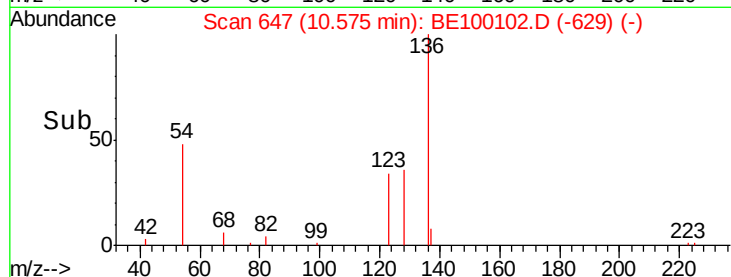
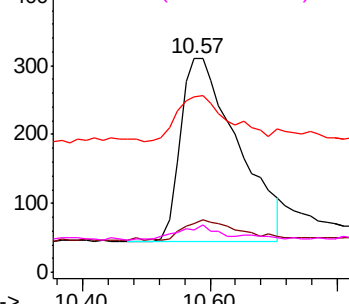


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.189 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.12 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

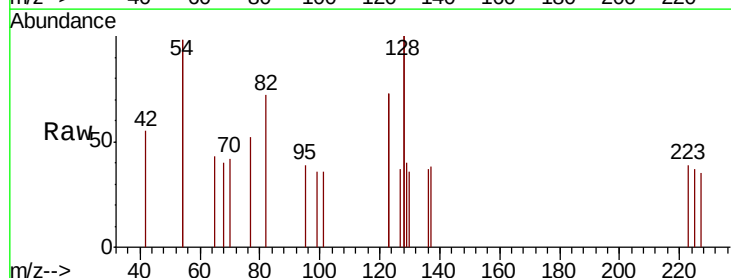
Tgt Ion: 82 Resp: 306

Ion Ratio Lower Upper

82 100

128 277.8 128.0 192.0#

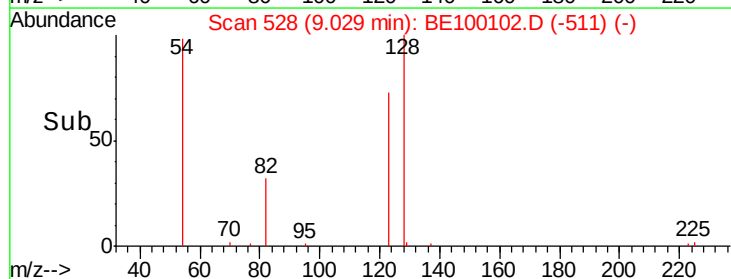
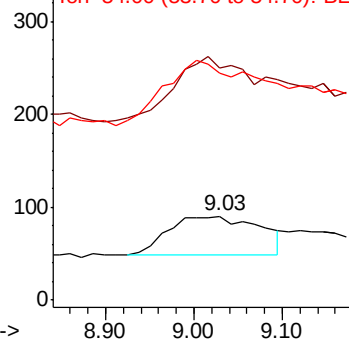
54 271.1 143.4 215.0#

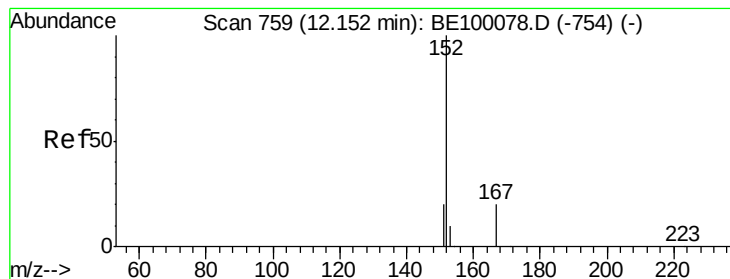


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

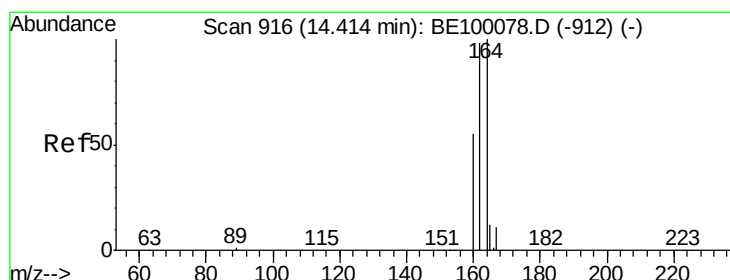
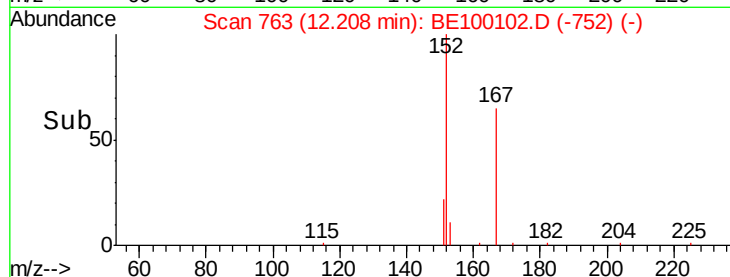
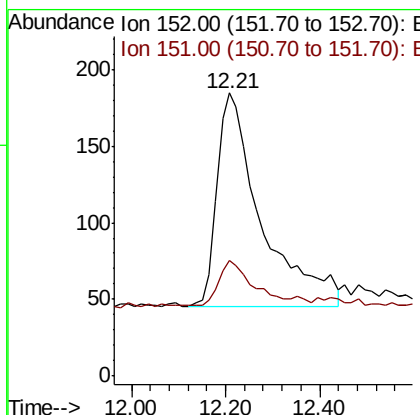
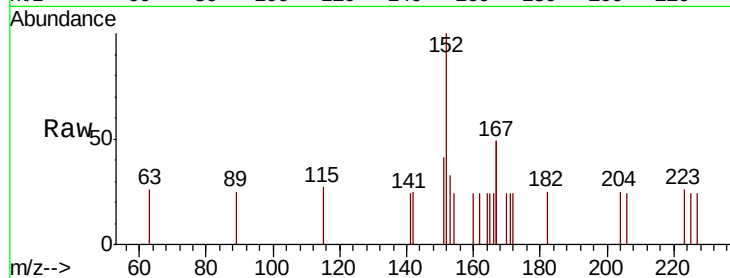




#11
 2-Methylnaphthalene-d10
 Concen: 0.288 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.06 min
 Lab File: BE100102.D
 Acq: 20 Jun 2019 10:48

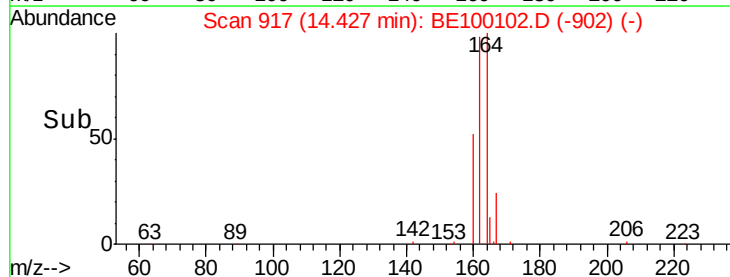
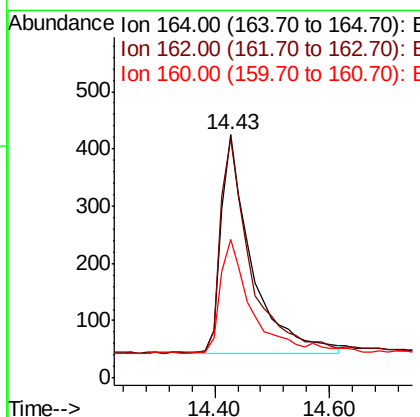
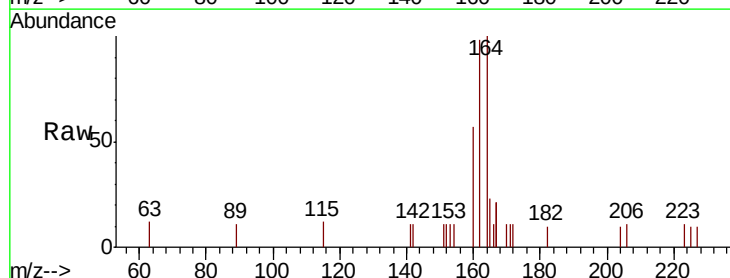
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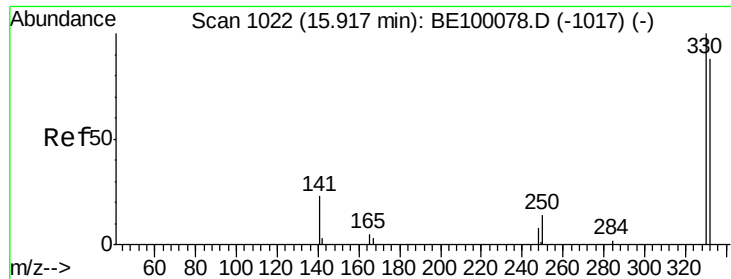
Tgt Ion:152 Resp: 912
 Ion Ratio Lower Upper
 152 100
 151 15.8 16.3 24.5#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.43 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BE100102.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:164 Resp: 1399
 Ion Ratio Lower Upper
 164 100
 162 98.4 78.2 117.2
 160 56.7 45.6 68.4

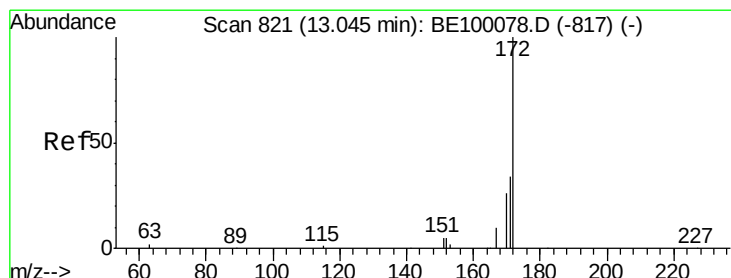
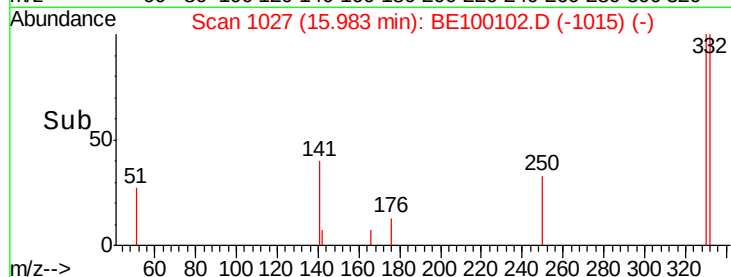
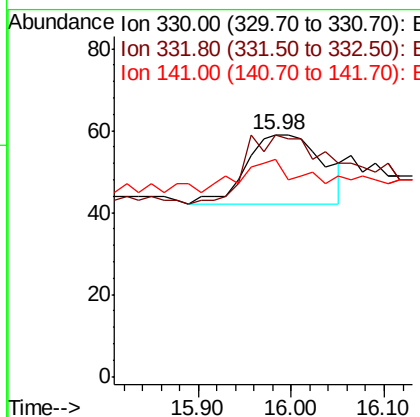
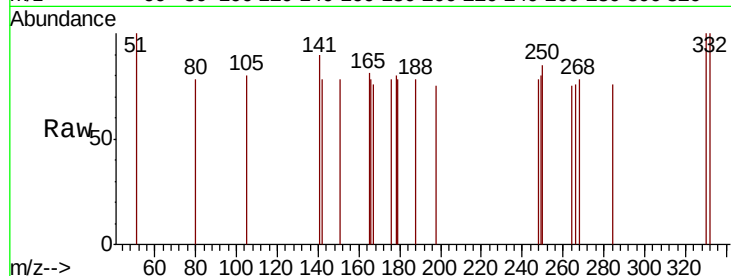




#14
 2,4,6-Tribromophenol
 Concen: 0.127 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.07 min
 Lab File: BE100102.D
 Acq: 20 Jun 2019 10:48

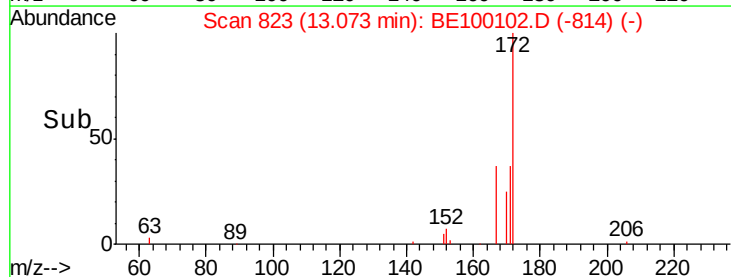
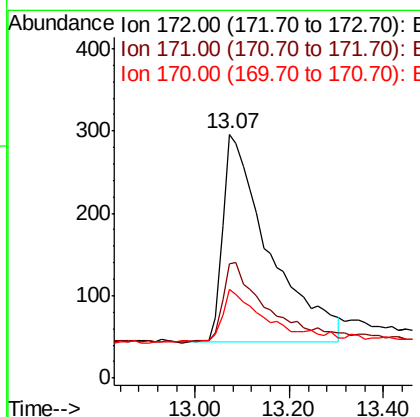
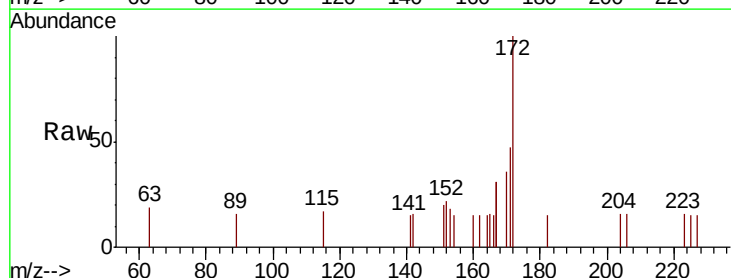
Instrument :
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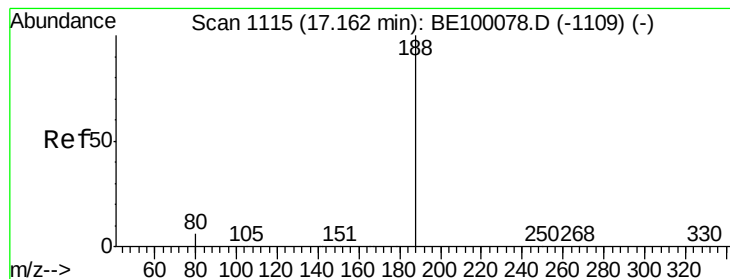
Tgt Ion: 330 Resp: 98
 Ion Ratio Lower Upper
 330 100
 332 0.0 73.3 109.9#
 141 29.6 22.2 33.2



#15
 2-Fluorobiphenyl
 Concen: 0.312 ng
 RT: 13.07 min Scan# 823
 Delta R.T. 0.03 min
 Lab File: BE100102.D
 Acq: 20 Jun 2019 10:48

Tgt Ion: 172 Resp: 1718
 Ion Ratio Lower Upper
 172 100
 171 47.0 29.8 44.8#
 170 36.1 23.2 34.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.03 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

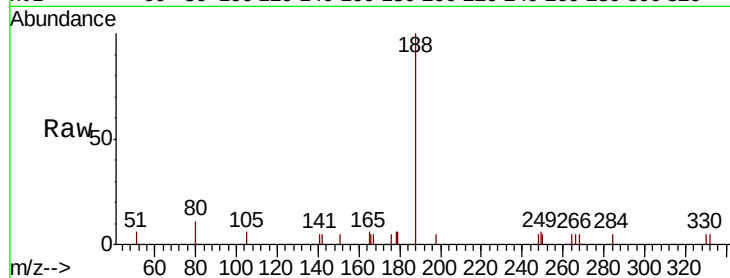
Tgt Ion:188 Resp: 3876

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

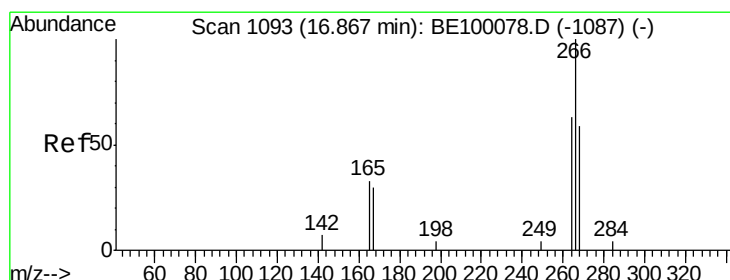
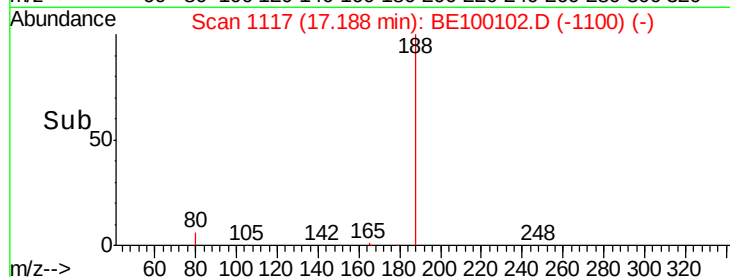
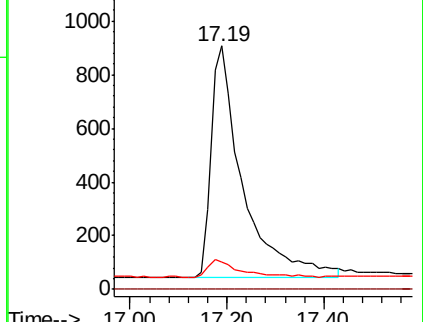
80 11.2 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.247 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

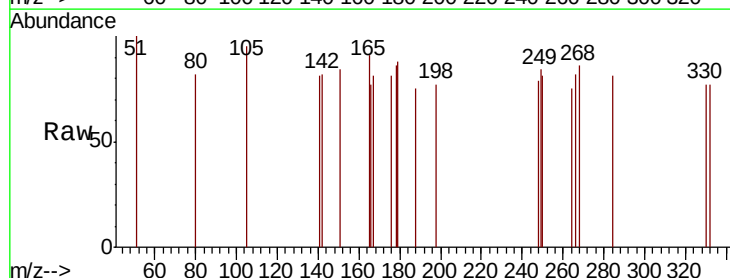
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 91.5 67.8 101.6

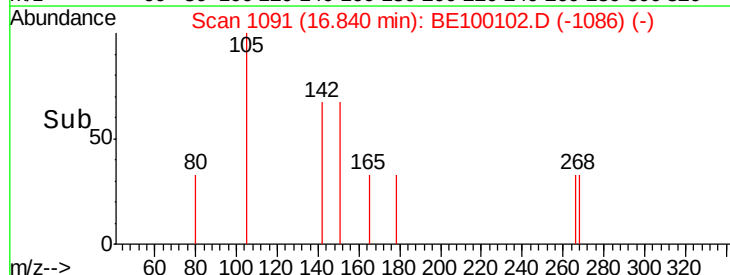
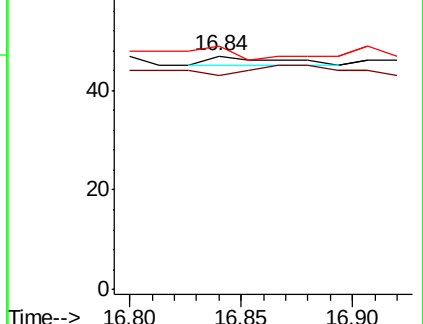
268 104.3 70.0 105.0

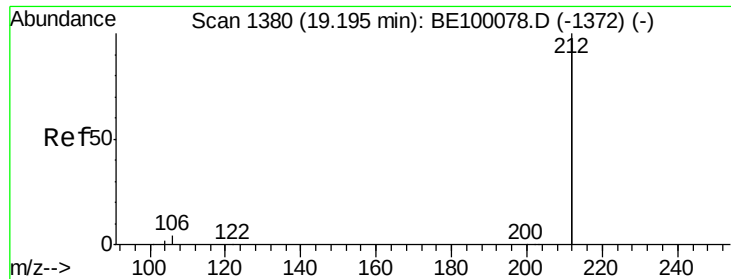


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.269 ng

RT: 19.21 min Scan# 1383

Delta R.T. 0.02 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

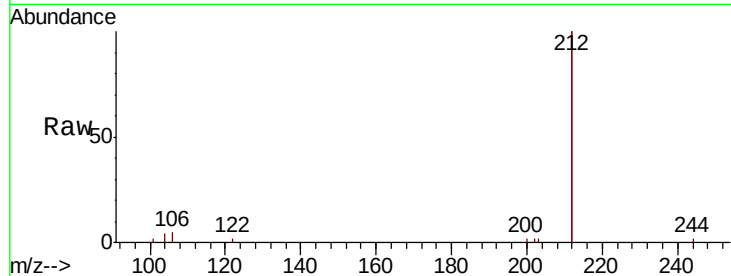
Tgt Ion:212 Resp: 14924

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

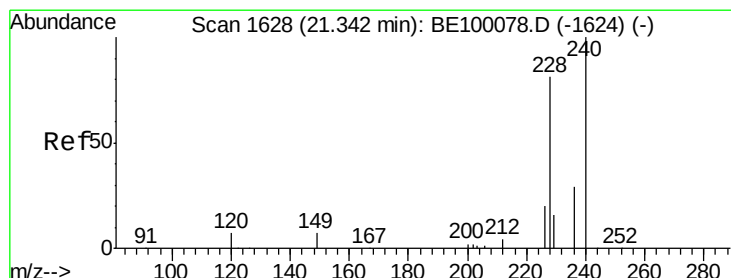
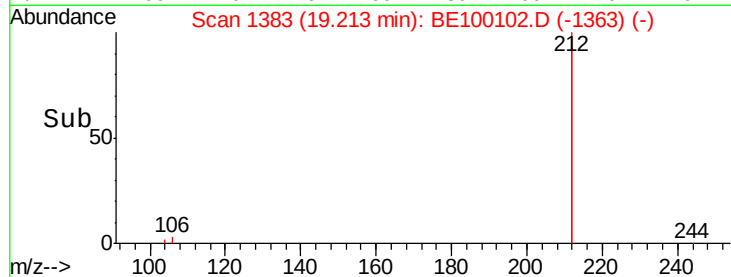
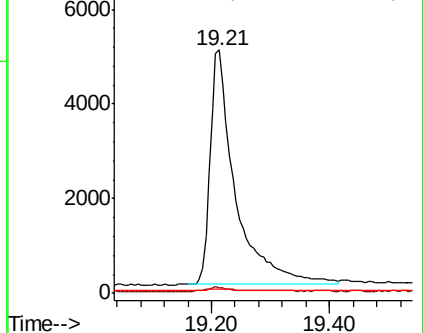
104 1.0 0.8 1.2



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: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

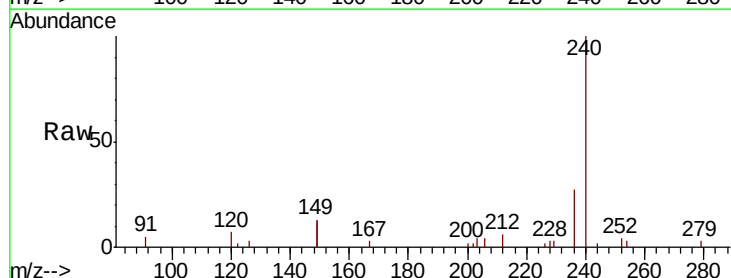
Tgt Ion:240 Resp: 5520

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

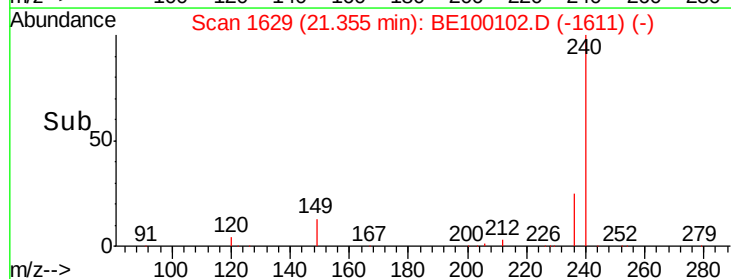
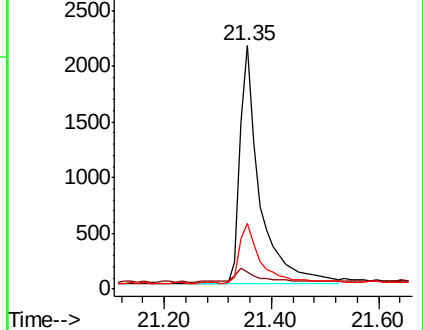
236 26.8 23.8 35.6

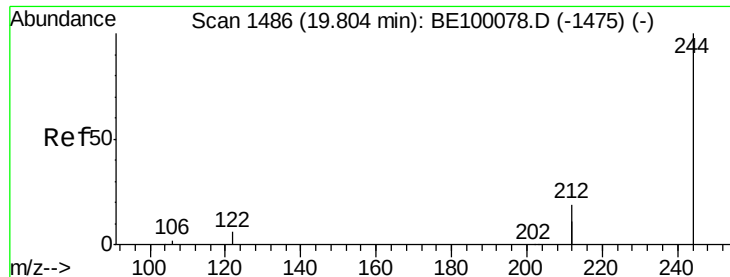


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

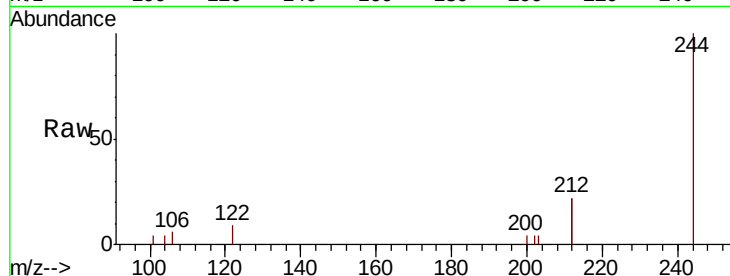
Tgt Ion:244 Resp: 3761

Ion Ratio Lower Upper

244 100

212 43.5 29.8 44.8

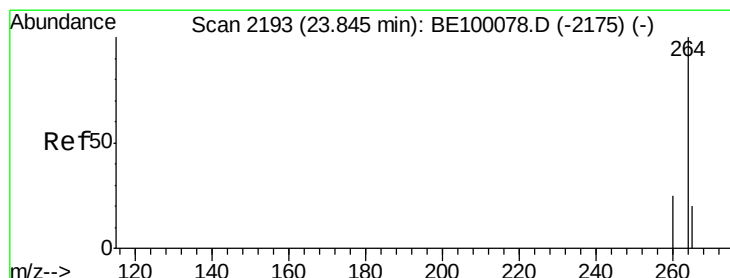
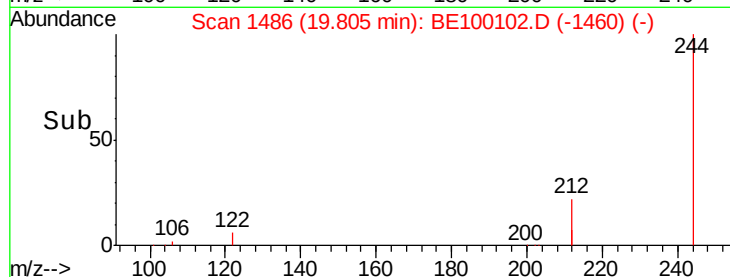
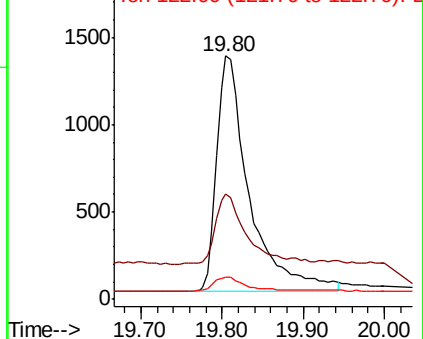
122 9.0 6.1 9.1



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: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

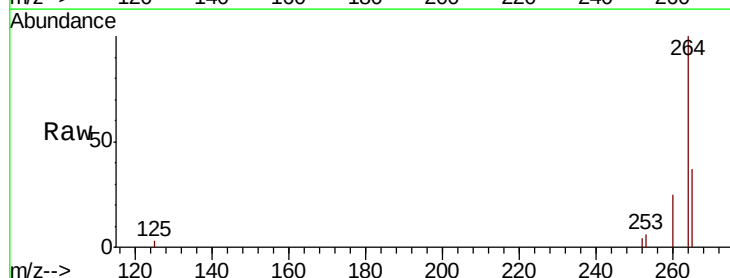
Tgt Ion:264 Resp: 7857

Ion Ratio Lower Upper

264 100

260 25.4 20.8 31.2

265 36.6 23.2 34.8#



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

