

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098669.D
 Acq On : 18 Jan 2019 17:42
 Operator : SJ/JU
 Sample : PB116504BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB116504BL

Quant Time: Jan 18 21:21:49 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

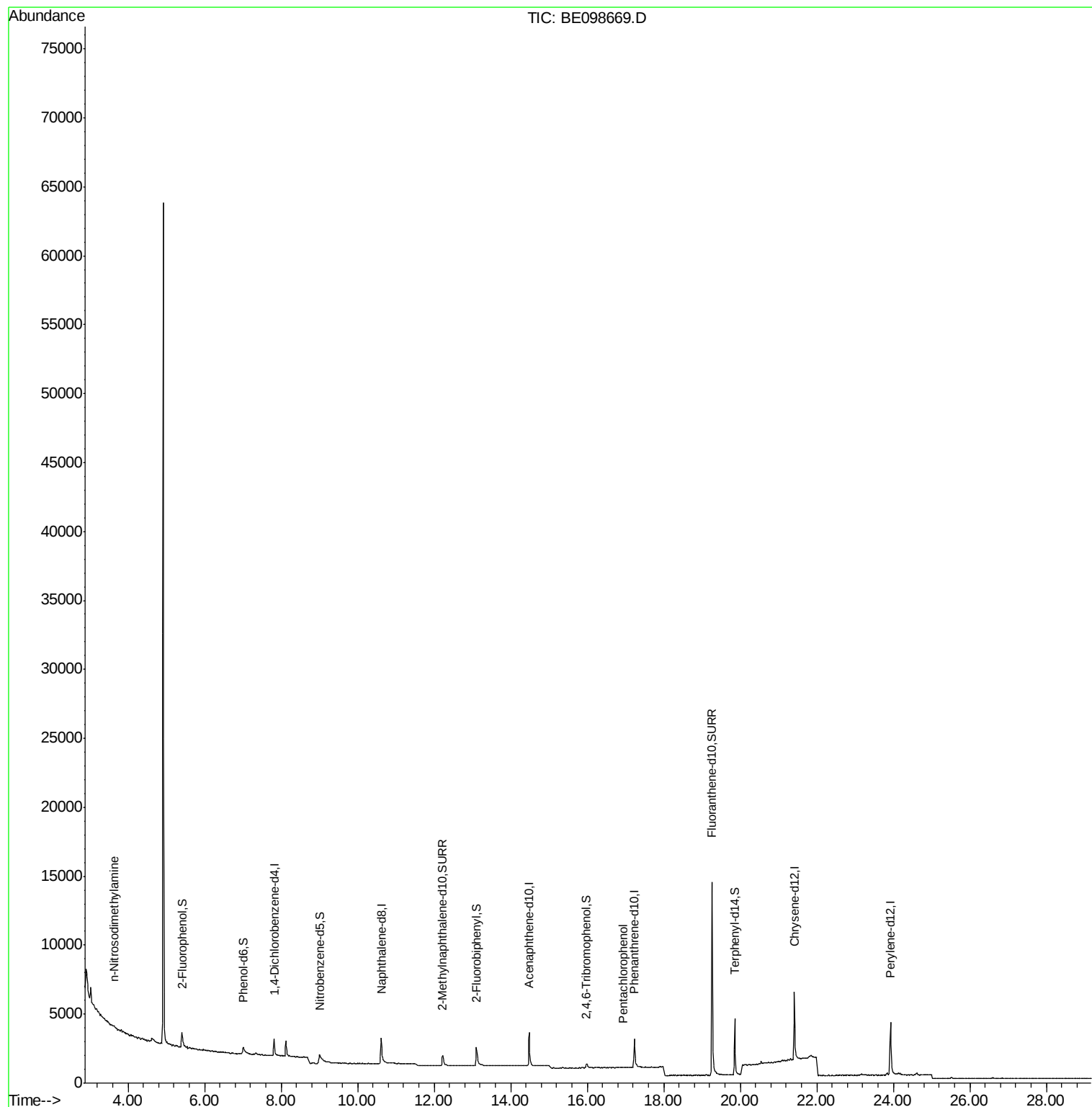
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	822	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3289	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	2054	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4775	0.40	ng	0.00
27) Chrysene-d12	21.42	240	6470	0.40	ng	0.00
34) Perylene-d12	23.93	264	6596	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	859	0.39	ng	0.01
5) Phenol-d6	7.01	99	1007	0.32	ng	0.01
8) Nitrobenzene-d5	9.00	82	735	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1981	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	271	0.30	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2471	0.29	ng	0.01
25) Fluoranthene-d10	19.26	212	23481	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	4214	0.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	13	Below Cal	#	11
3) n-Nitrosodimethylamine	3.62	42	150	0.213 ng	#	21
22) Pentachlorophenol	16.93	266	6	0.209 ng	#	73

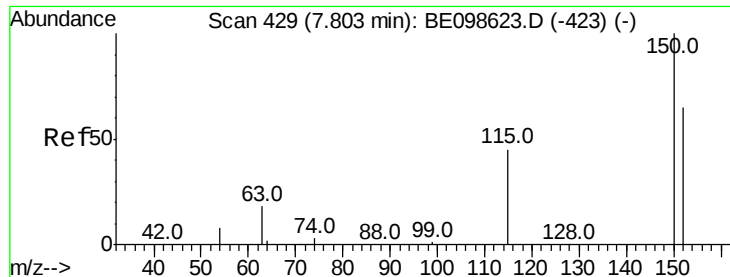
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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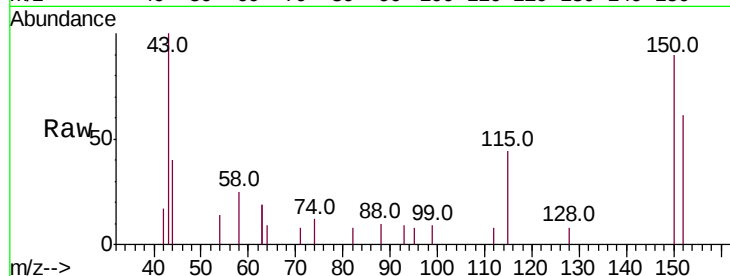


#1

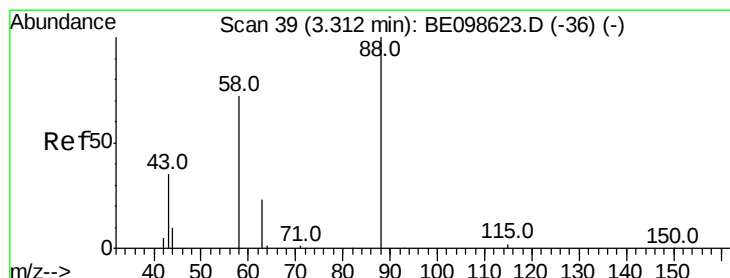
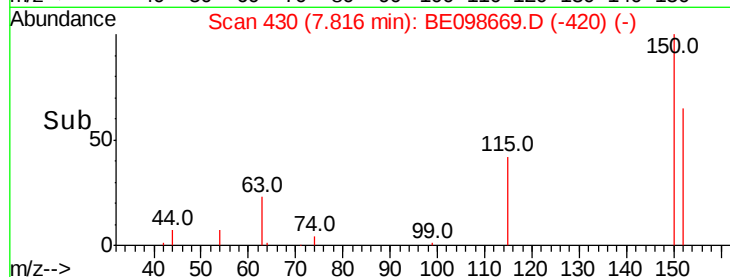
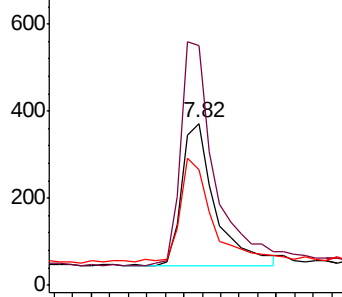
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.82 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

Instrument :
 BNA_E
 ClientSampleId :
 PB116504BL

Tot Ion:152 Resp: 822
 Ion Ratio Lower Upper
 152 100
 150 147.8 121.4 182.2
 115 71.5 59.1 88.7



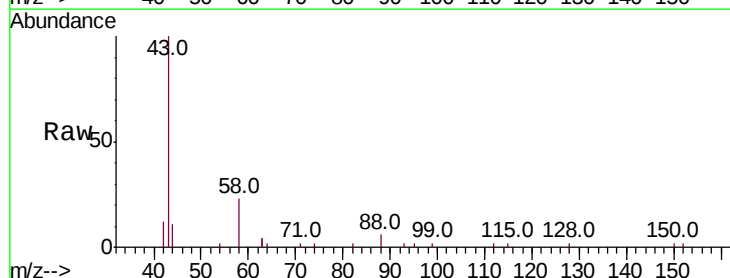
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



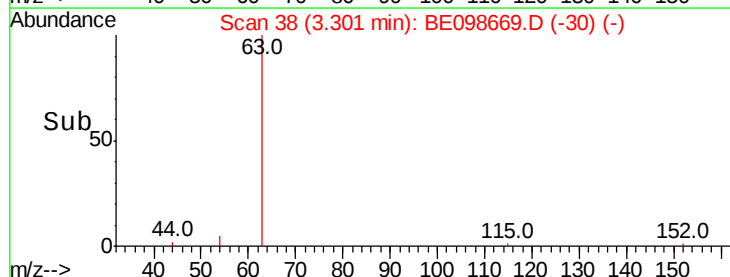
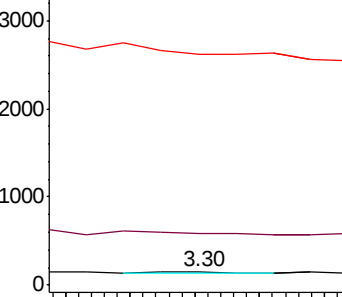
#2

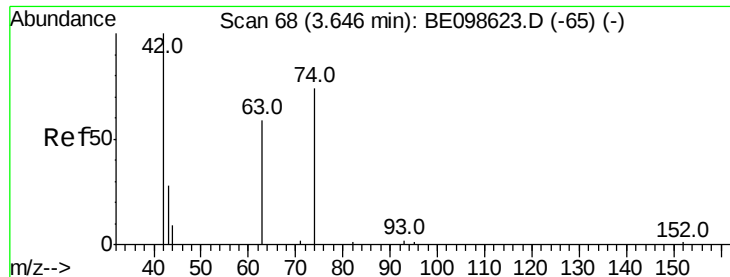
1,4-Dioxane
 Concen: Below Cal
 RT: 3.30 min Scan# 38
 Delta R.T. -0.01 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

Tgt Ion: 88 Resp: 13
 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: 0.213 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

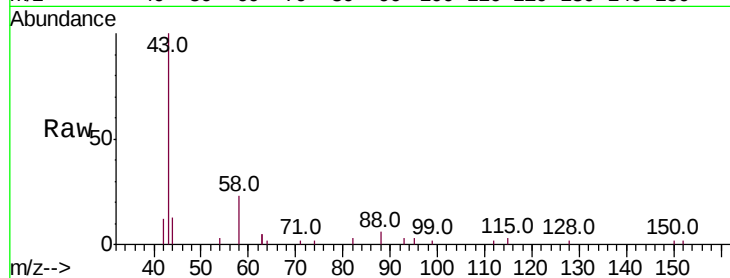
Tot Ion: 42 Resp: 150

Ion Ratio Lower Upper

42 100

74 6.7 58.9 88.3#

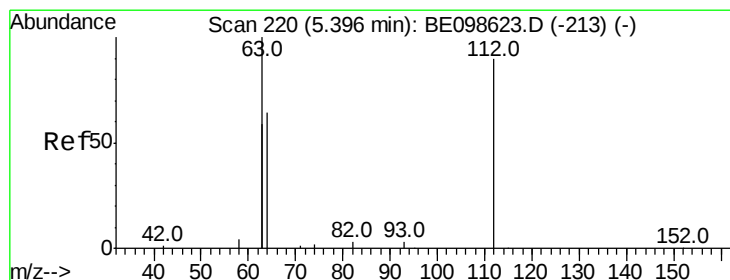
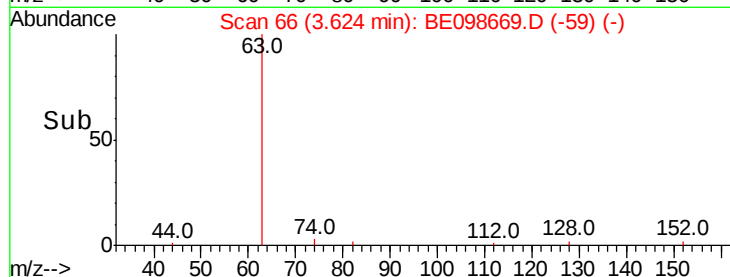
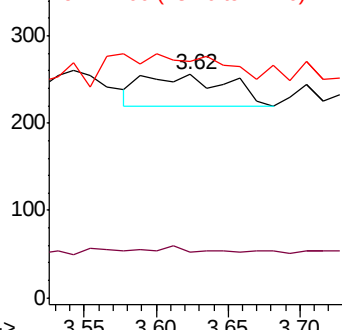
44 0.0 0.0 0.0



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: 0.392 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

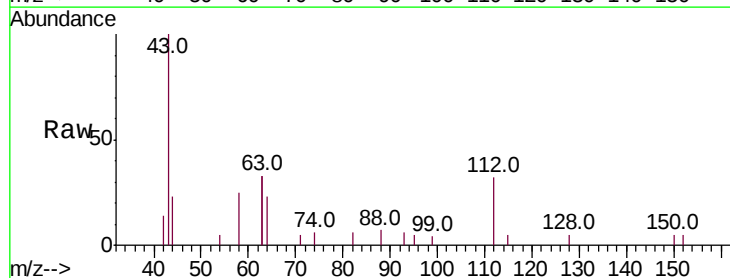
Tgt Ion: 112 Resp: 859

Ion Ratio Lower Upper

112 100

64 70.4 62.9 94.3

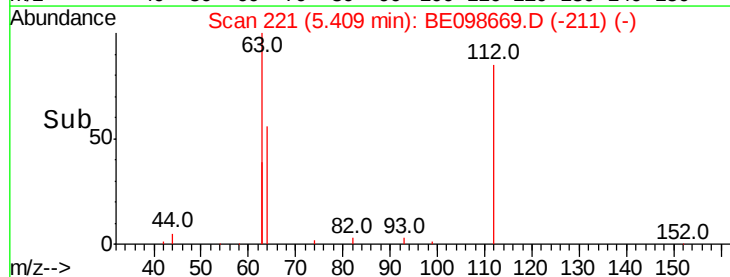
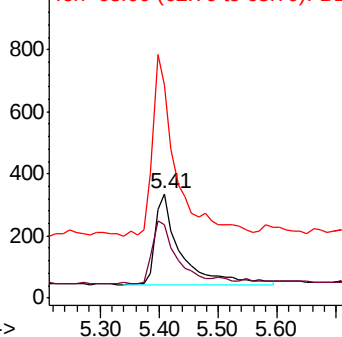
63 188.6 152.2 228.4

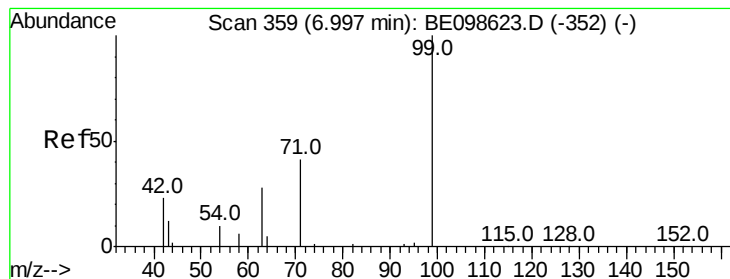


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.323 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

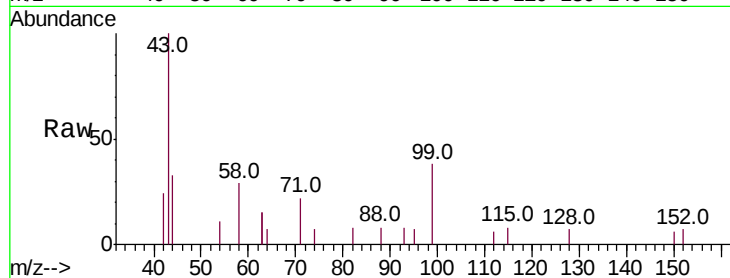
Tot Ion: 99 Resp: 1007

Ion Ratio Lower Upper

99 100

42 18.3 24.6 37.0#

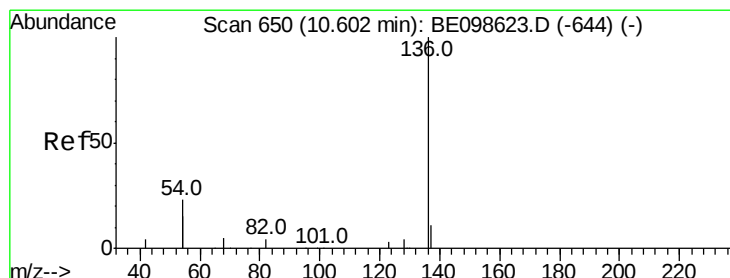
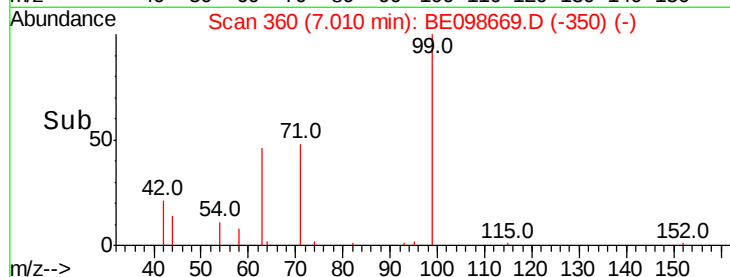
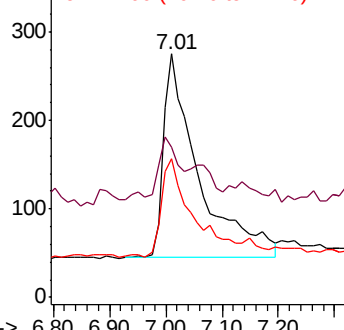
71 45.9 35.1 52.7



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Tgt Ion:136 Resp: 3289

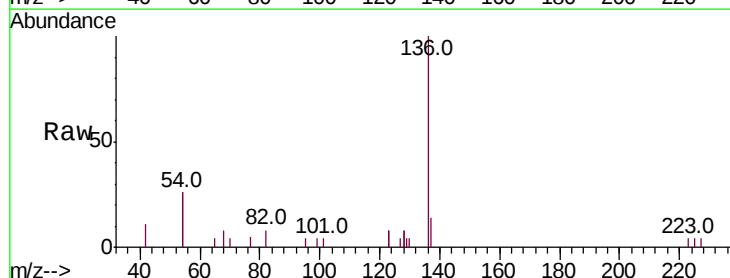
Ion Ratio Lower Upper

136 100

137 14.0 9.7 14.5

54 53.0 35.5 53.3

68 8.4 5.0 7.6#

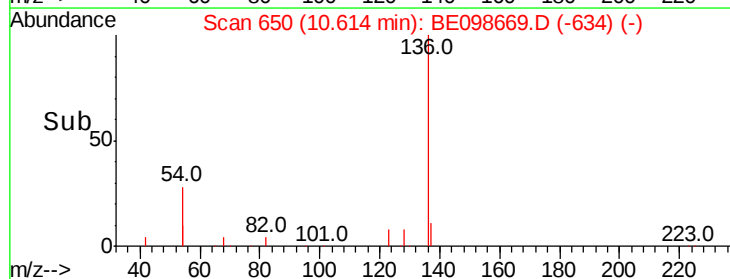
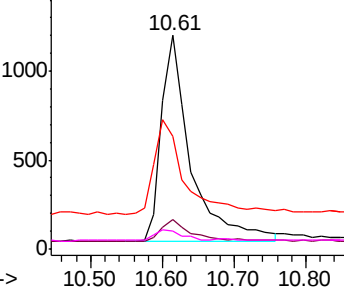


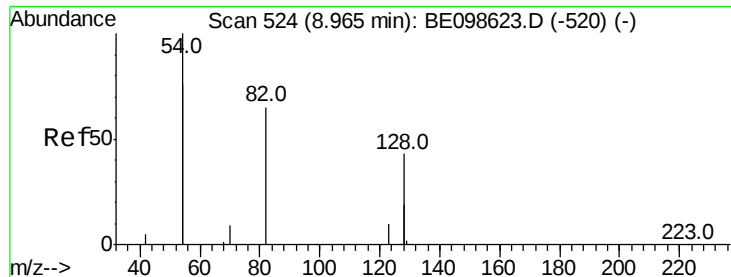
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

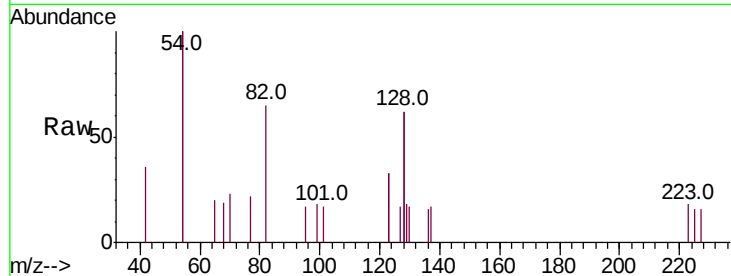
Tot Ion: 82 Resp: 735

Ion Ratio Lower Upper

82 100

128 192.1 96.5 144.7#

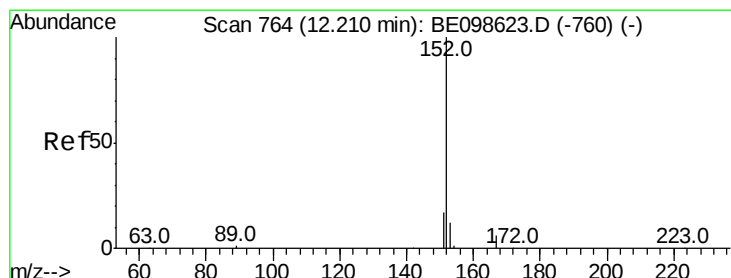
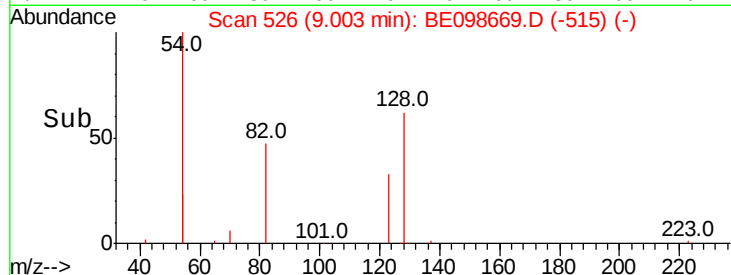
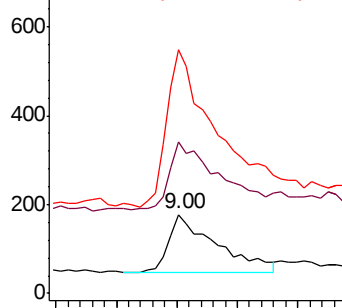
54 307.9 224.7 337.1



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: 0.366 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE098669.D

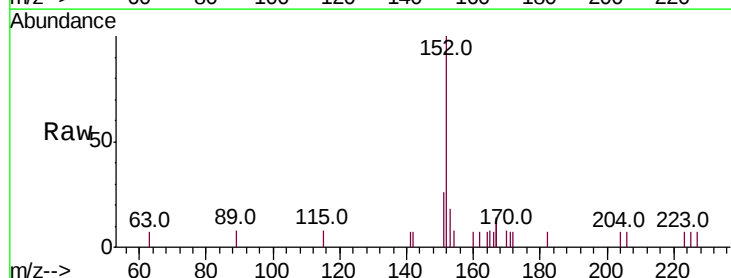
Acq: 18 Jan 2019 17:42

Tgt Ion: 152 Resp: 1981

Ion Ratio Lower Upper

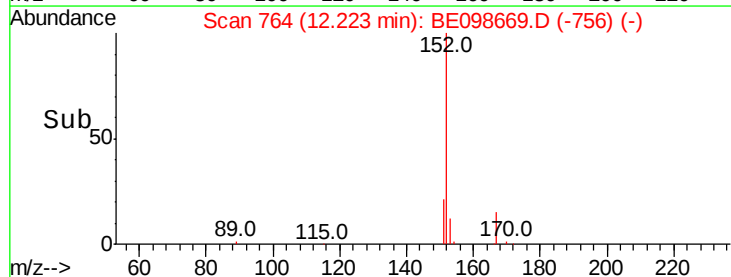
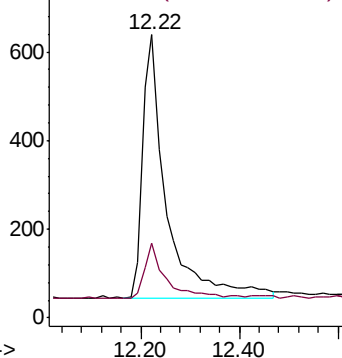
152 100

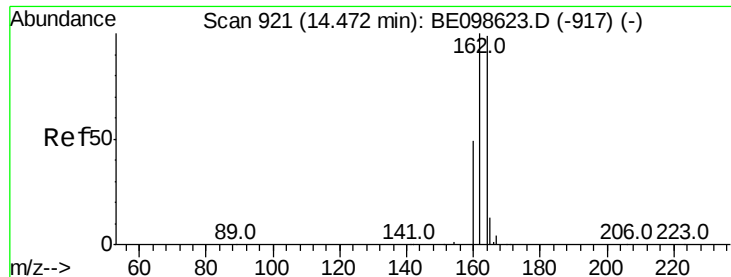
151 18.5 16.2 24.4



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: 14.48 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

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ClientSampleId :

PB116504BL

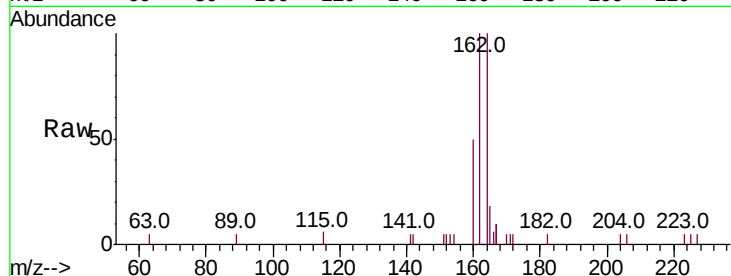
Tot Ion:164 Resp: 2054

Ion Ratio Lower Upper

164 100

162 99.8 80.5 120.7

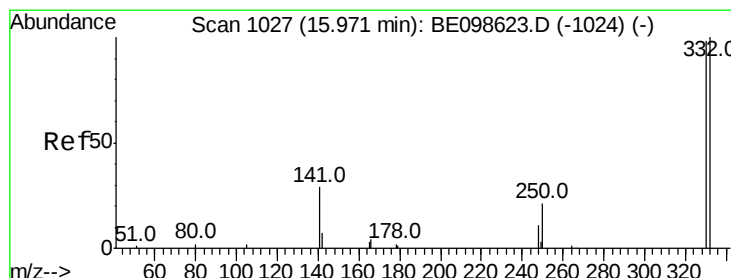
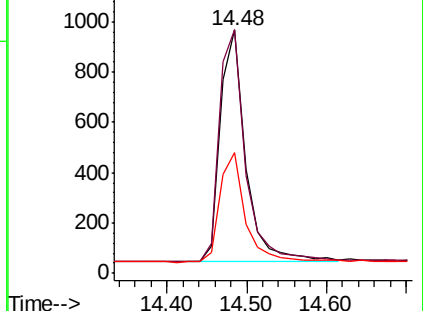
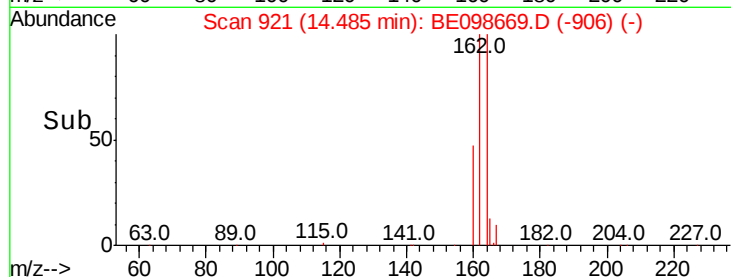
160 49.7 40.1 60.1



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: 0.303 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

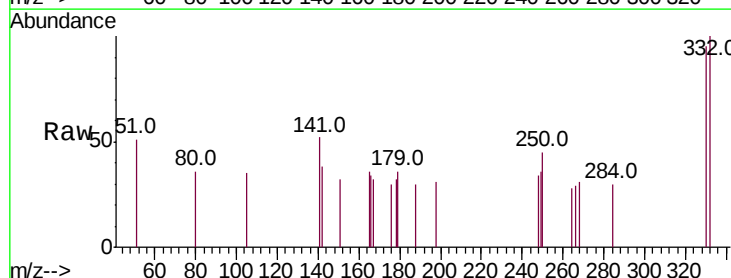
Tgt Ion:330 Resp: 271

Ion Ratio Lower Upper

330 100

332 106.3 73.3 109.9

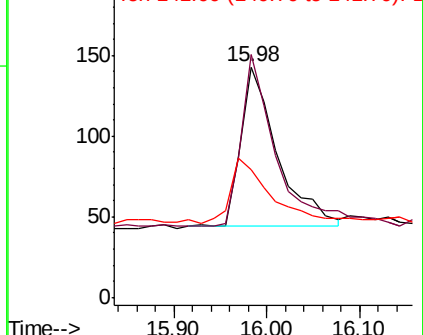
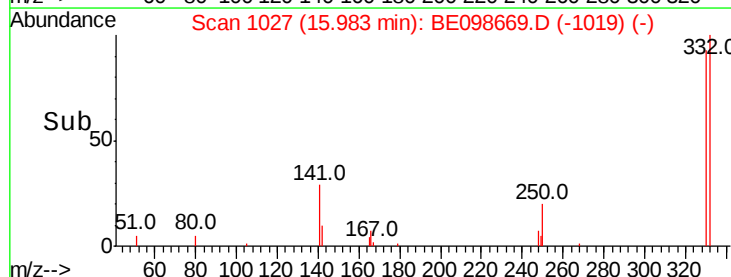
141 45.4 33.1 49.7

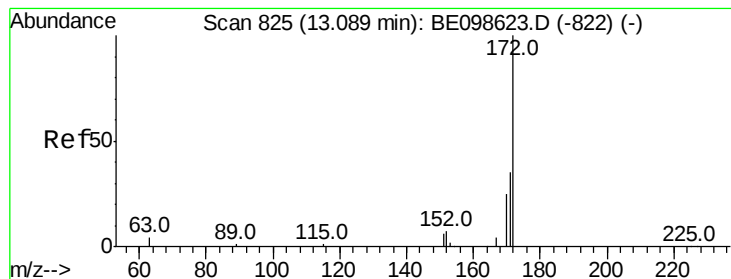


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

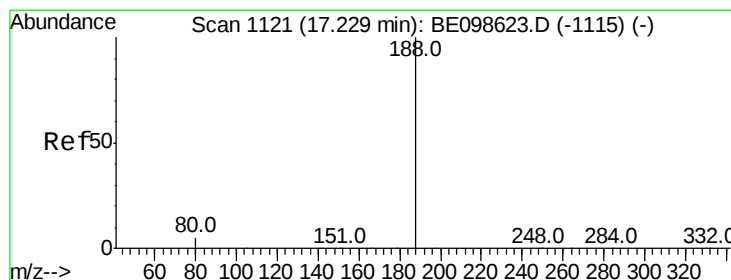
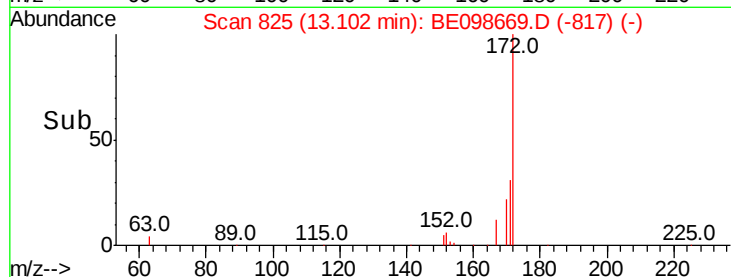
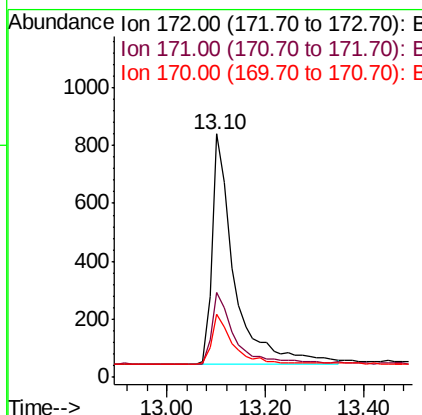
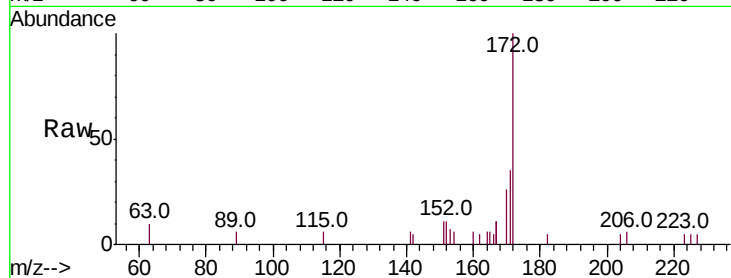




#15
 2-Fluorobiphenyl
 Concen: 0.294 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

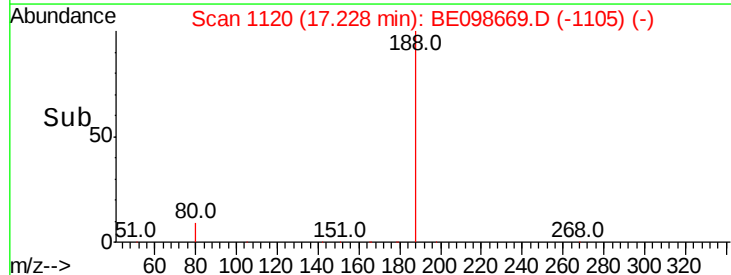
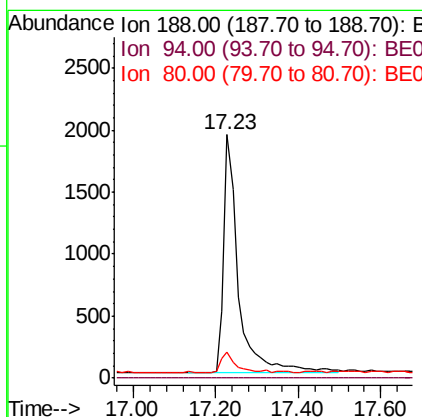
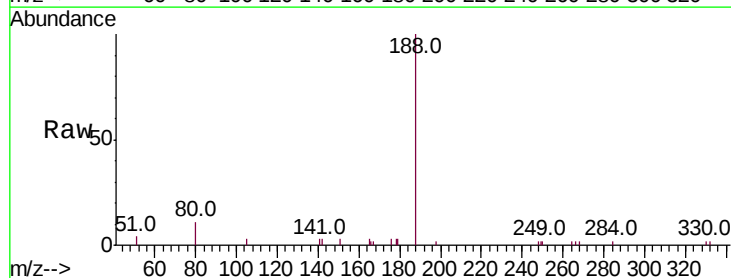
Instrument :
 BNA_E
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 PB116504BL

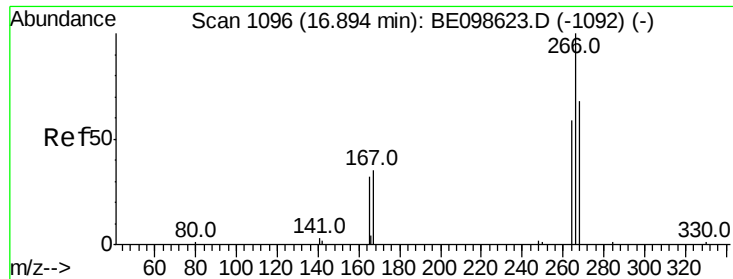
Tot Ion:172 Resp: 2471
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.0 43.4
 170 26.0 20.8 31.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

Tgt Ion:188 Resp: 4775
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.8 4.7 7.1#





#22

Pentachlorophenol

Concen: 0.209 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

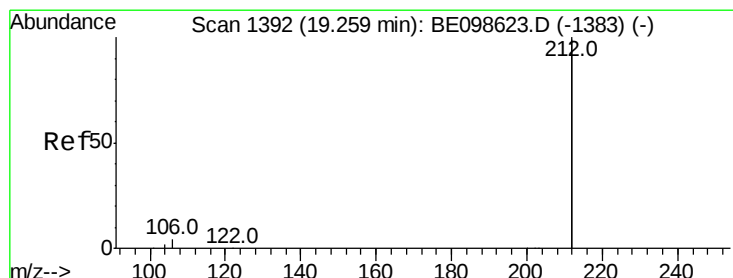
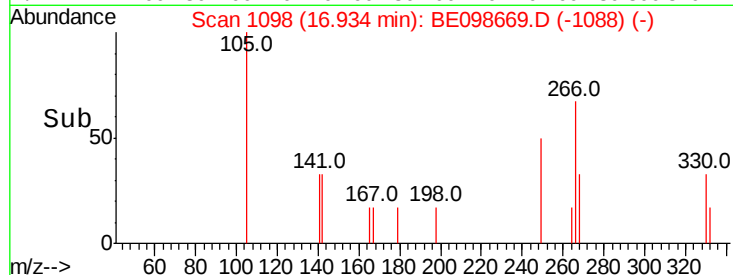
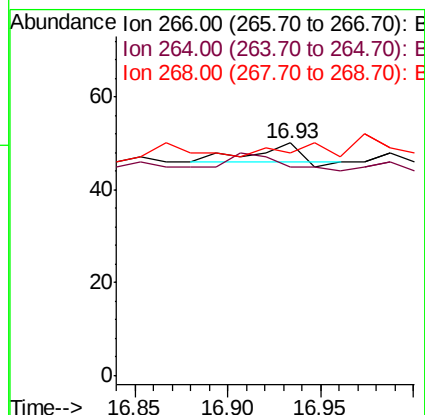
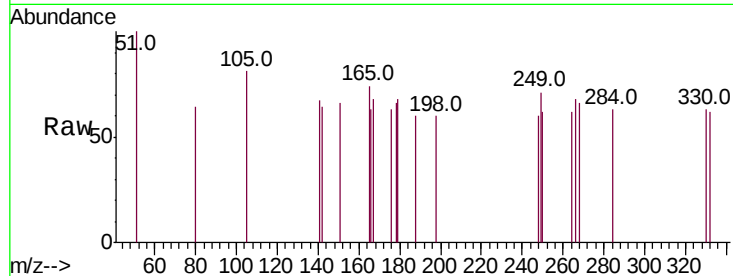
Tot Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 90.0 53.7 80.5#

268 96.0 59.8 89.8#



#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

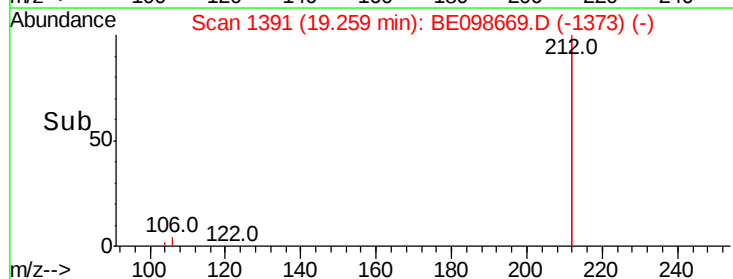
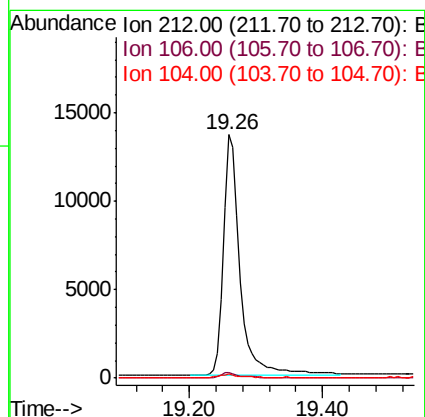
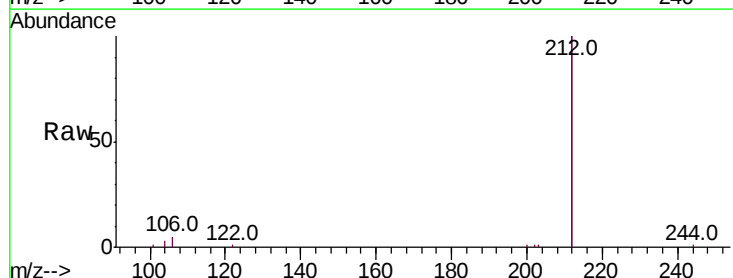
Tgt Ion:212 Resp: 23481

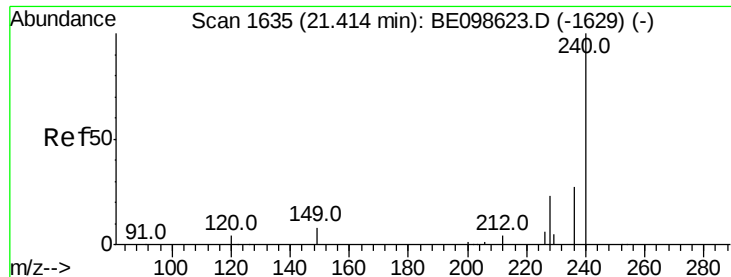
Ion Ratio Lower Upper

212 100

106 1.8 1.7 2.5

104 1.1 1.0 1.6

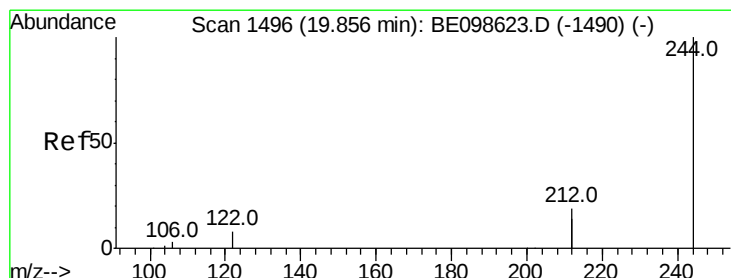
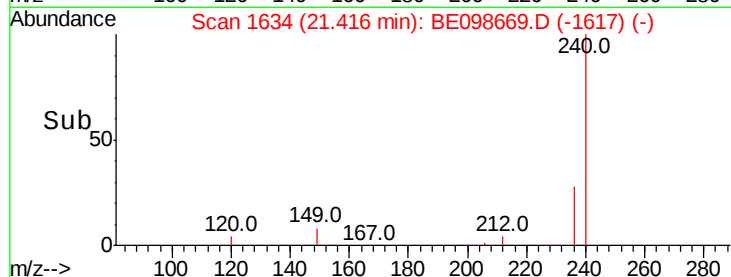
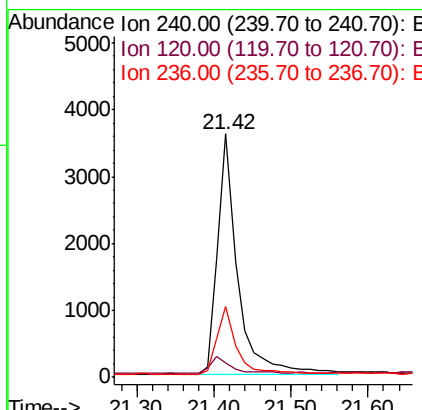
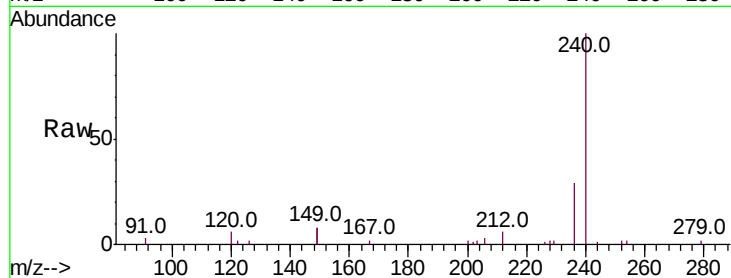




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

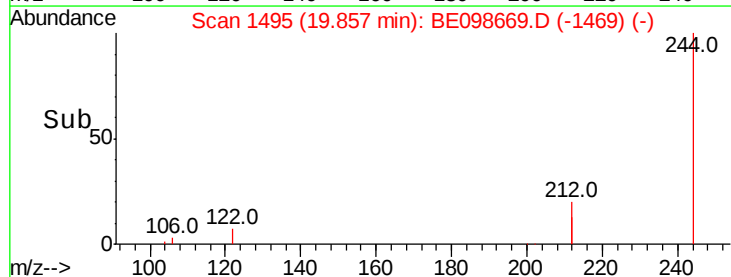
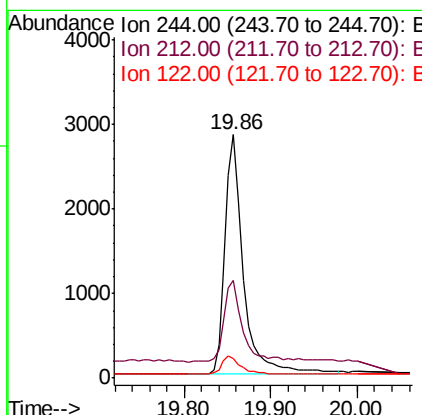
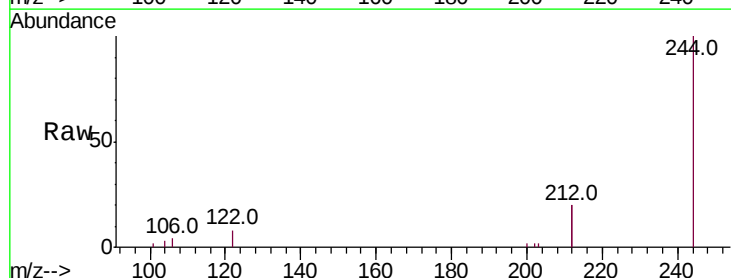
Instrument :
 BNA_E
 ClientSampleId :
 PB116504BL

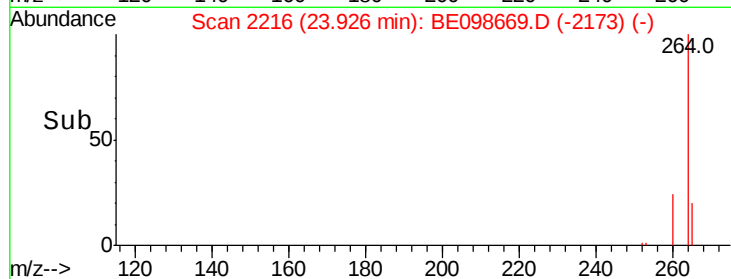
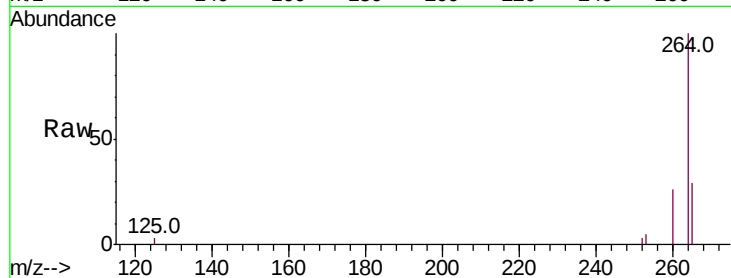
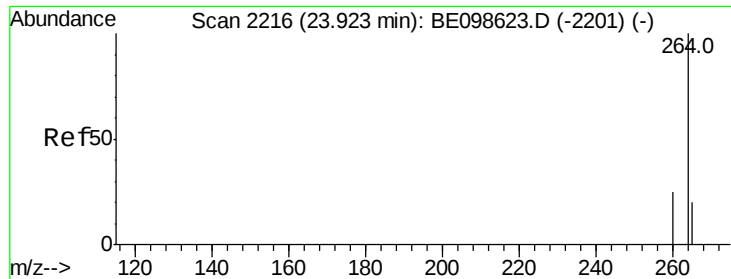
Tot Ion:240 Resp: 6470
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.7 7.1
 236 29.0 21.9 32.9



#29
 Terphenyl-d14
 Concen: 0.294 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

Tgt Ion:244 Resp: 4214
 Ion Ratio Lower Upper
 244 100
 212 40.2 29.4 44.2
 122 8.3 7.1 10.7





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

Tot Ion:264 Resp: 6596

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 28.5 22.3 33.5

