

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098859.D
 Acq On : 11 Mar 2019 12:24
 Operator : JU/SJ
 Sample : K1793-13DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 11 13:42:16 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

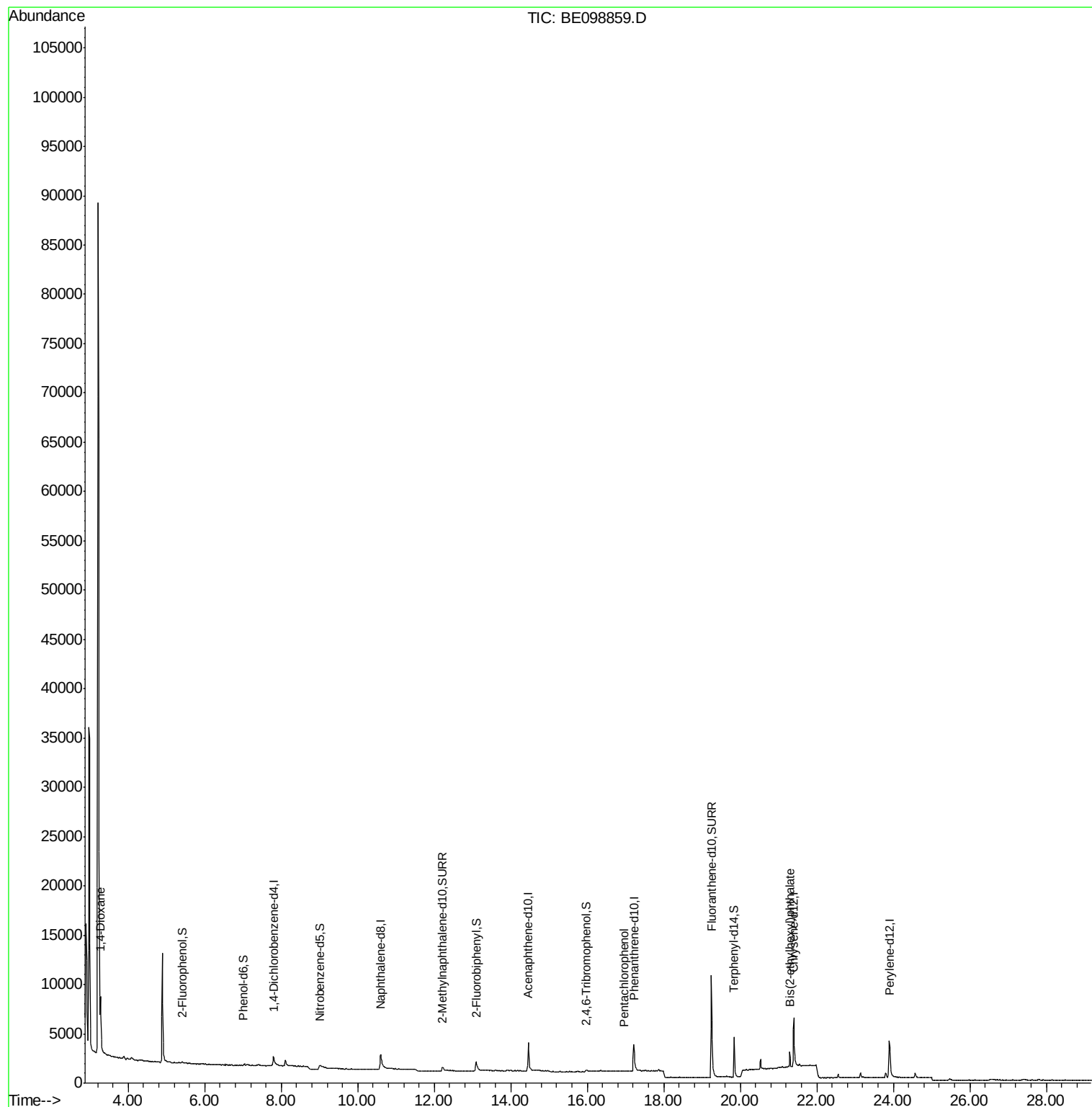
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	752	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3221	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2314	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6117	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7112	0.40	ng	0.00
34) Perylene-d12	23.90	264	7143	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	117	0.05	ng	0.03
5) Phenol-d6	7.01	99	100	0.03	ng	0.02
8) Nitrobenzene-d5	9.00	82	396	0.12	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1173	0.20	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	195	0.17	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2039	0.21	ng	0.02
25) Fluoranthene-d10	19.25	212	18296	0.19	ng	0.00
29) Terphenyl-d14	19.84	244	4509	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2803	2.317	ng	96
22) Pentachlorophenol	16.96	266	11	0.273	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1907	0.040	ng	# 97

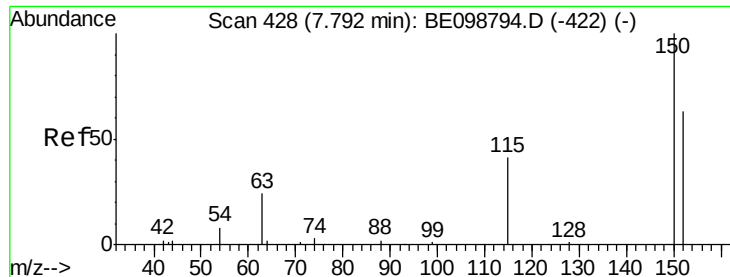
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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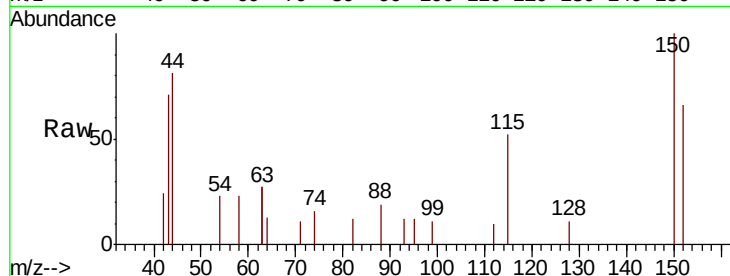


#1

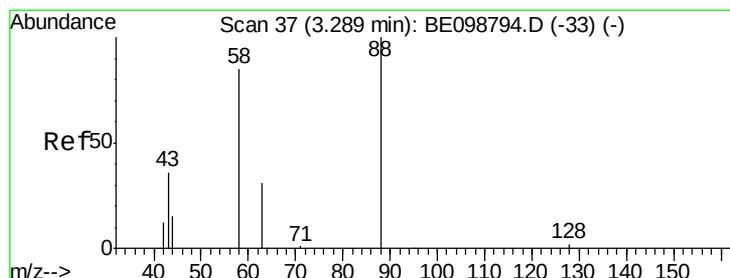
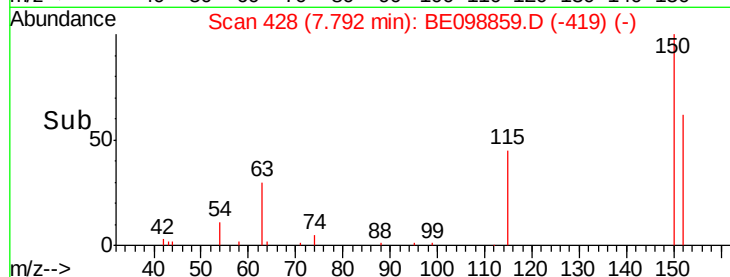
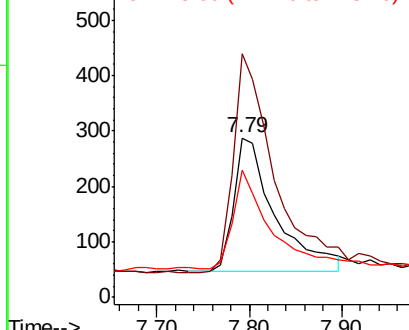
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098859.D
Acq: 11 Mar 2019 12:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 752
Ion Ratio Lower Upper
152 100
150 152.4 122.5 183.7
115 79.5 57.4 86.2



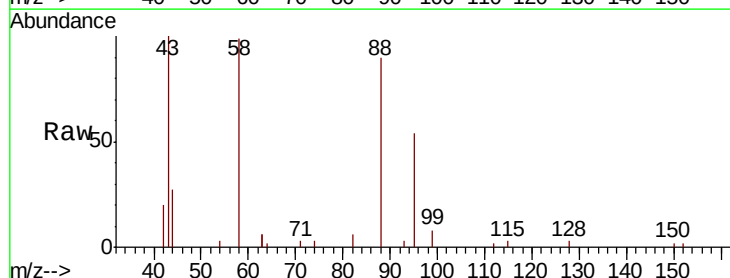
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



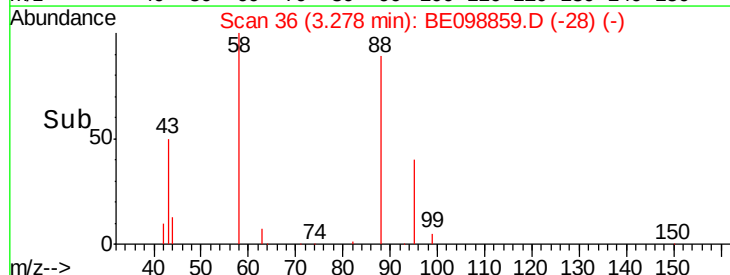
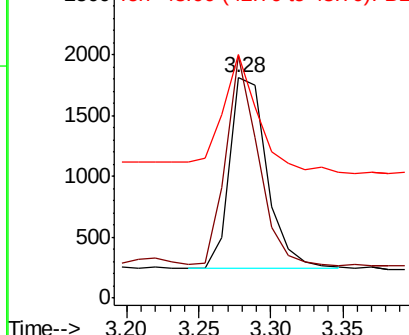
#2

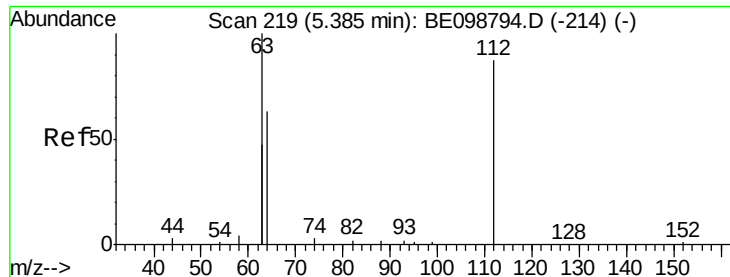
1,4-Dioxane
Concen: 2.317 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098859.D
Acq: 11 Mar 2019 12:24

Tgt Ion: 88 Resp: 2803
Ion Ratio Lower Upper
88 100
58 95.2 75.8 113.6
43 59.7 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





#4

2-Fluorophenol

Concen: 0.052 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.03 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

Instrument :

BNA_G

ClientSampleId :

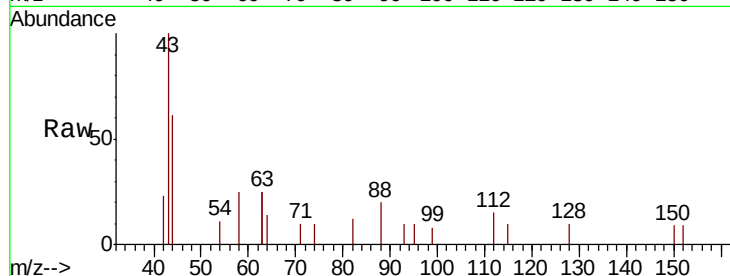
Tot Ion: 112 Resp: 117

Ion Ratio Lower Upper

112 100

64 93.2 57.9 86.9#

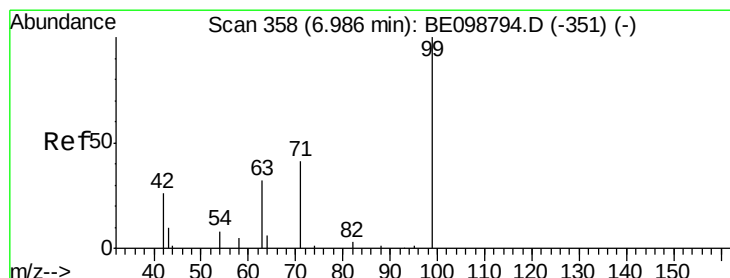
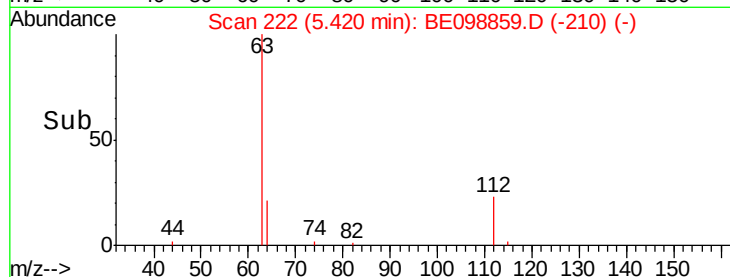
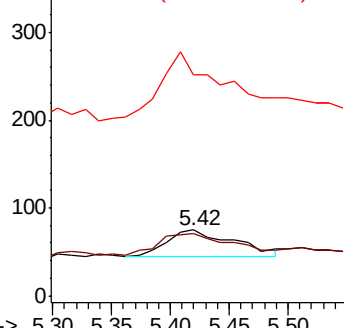
63 302.6 158.3 237.5#



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: 0.031 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

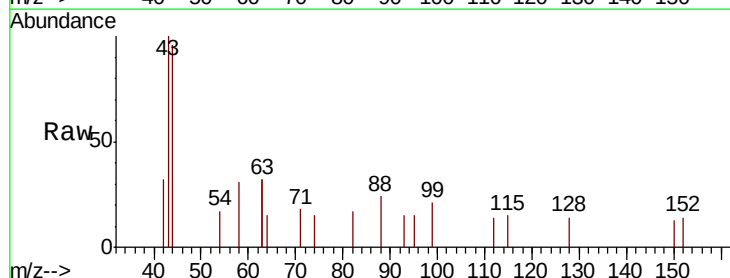
Tgt Ion: 99 Resp: 100

Ion Ratio Lower Upper

99 100

42 91.0 24.2 36.2#

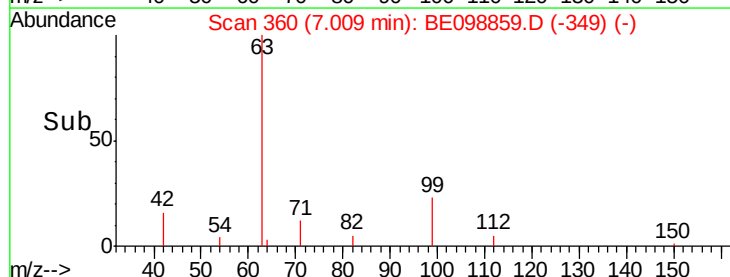
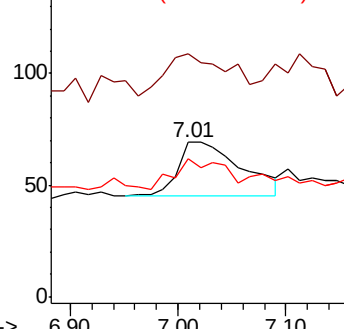
71 47.0 35.7 53.5

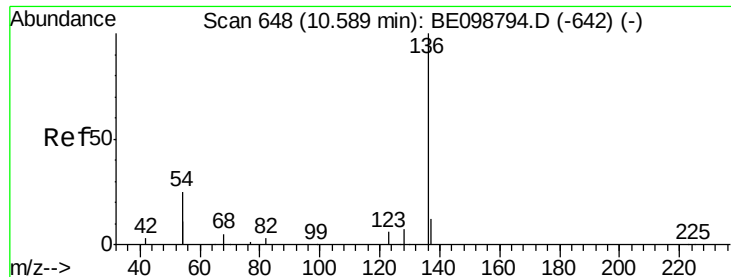


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 3221

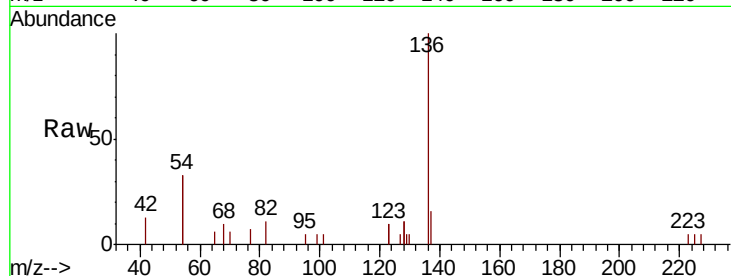
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 66.5 39.3 58.9#

68 9.5 6.7 10.1

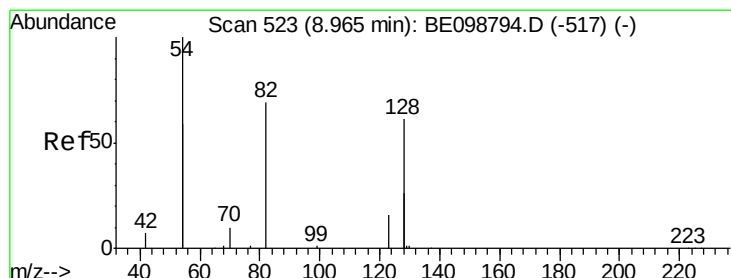
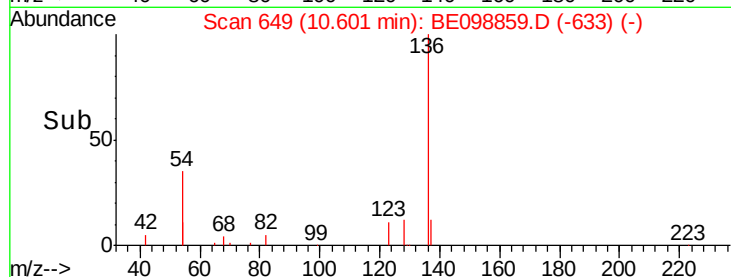
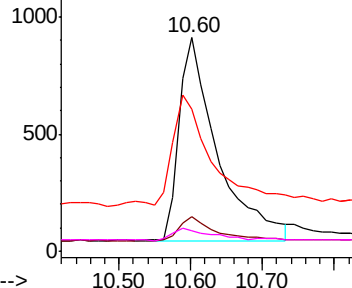


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.117 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

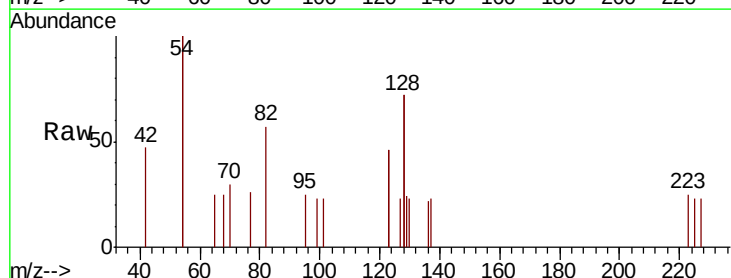
Tgt Ion: 82 Resp: 396

Ion Ratio Lower Upper

82 100

128 251.8 123.8 185.8#

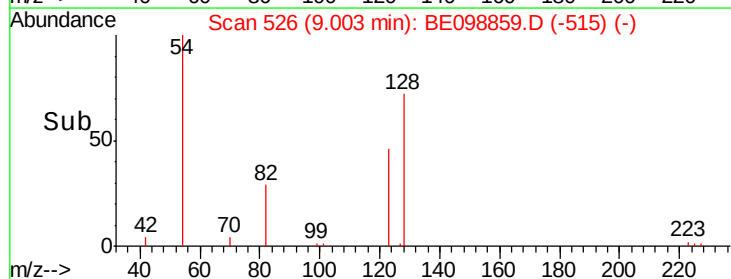
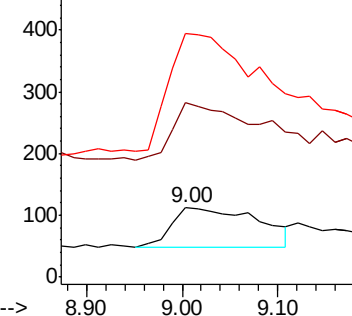
54 351.8 203.4 305.2#

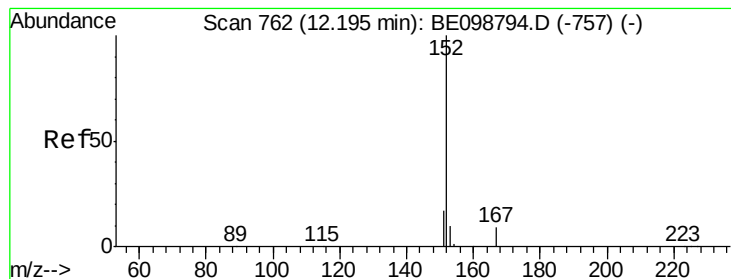


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

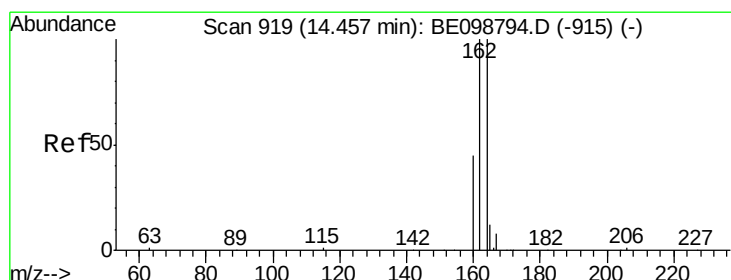
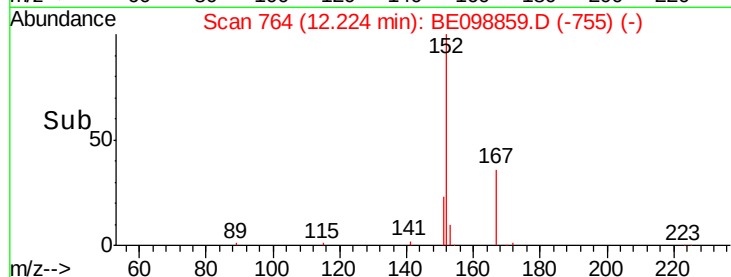
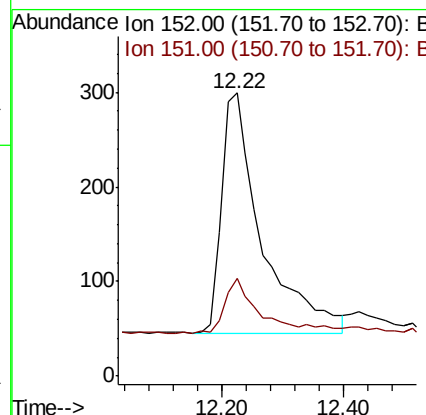
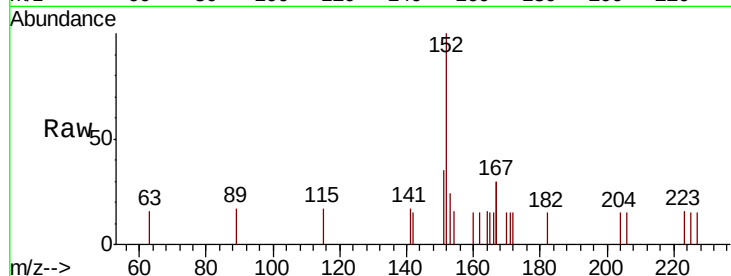




#11
 2-Methylnaphthalene-d10
 Concen: 0.197 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.03 min
 Lab File: BE098859.D
 Acq: 11 Mar 2019 12:24

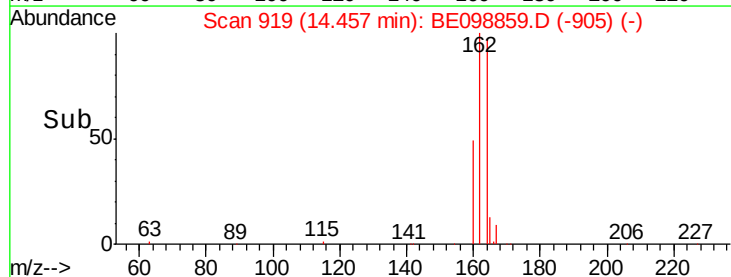
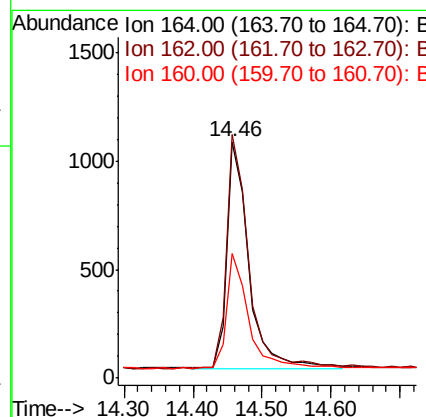
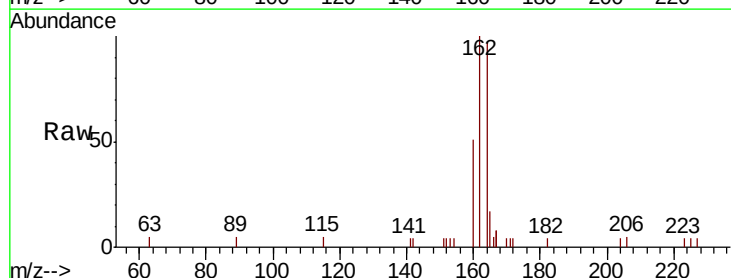
Instrument :
 BNA_G
 ClientSampleId :

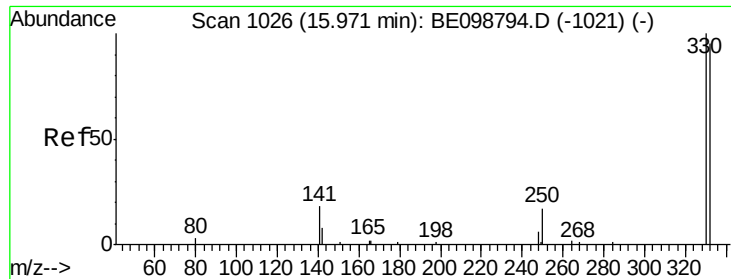
Tot Ion:152 Resp: 1173
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098859.D
 Acq: 11 Mar 2019 12:24

Tgt Ion:164 Resp: 2314
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 52.7 37.8 56.8

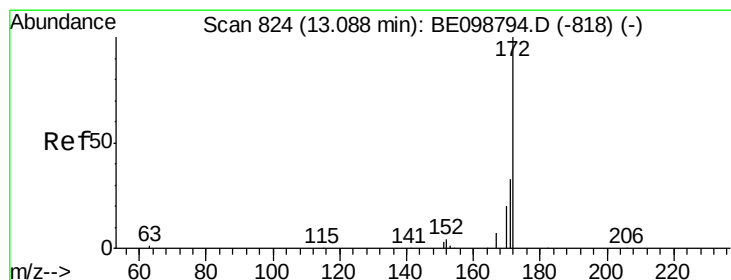
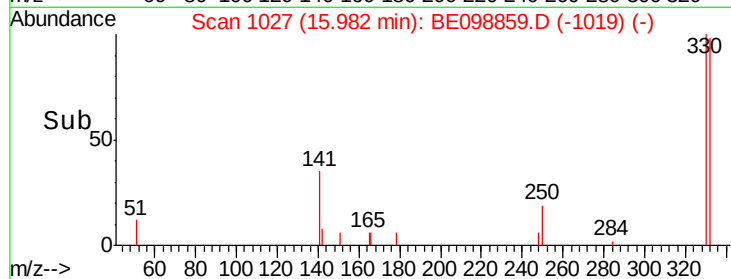
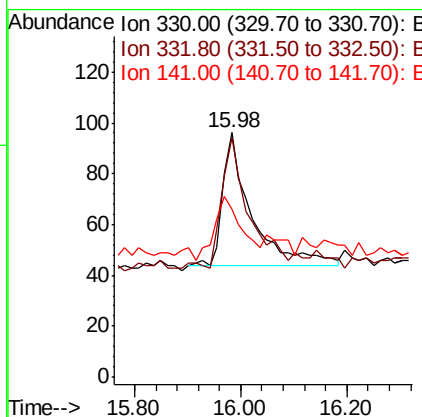
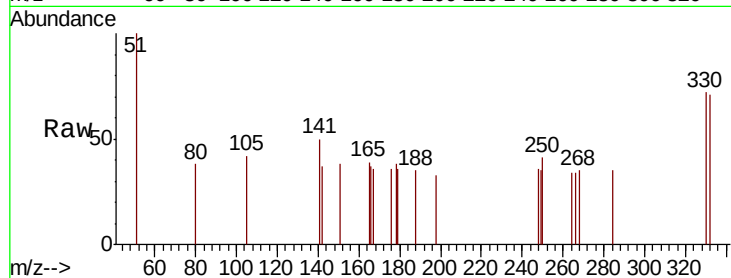




#14
 2,4,6-Tribromophenol
 Concen: 0.167 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098859.D
 Acq: 11 Mar 2019 12:24

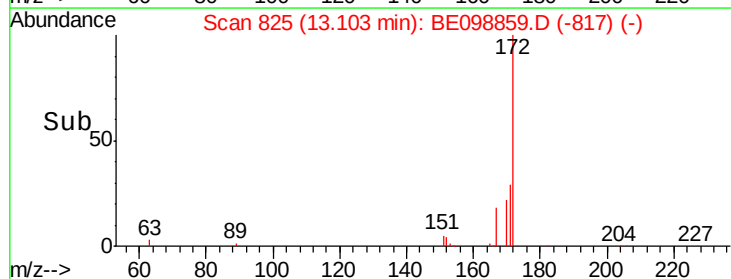
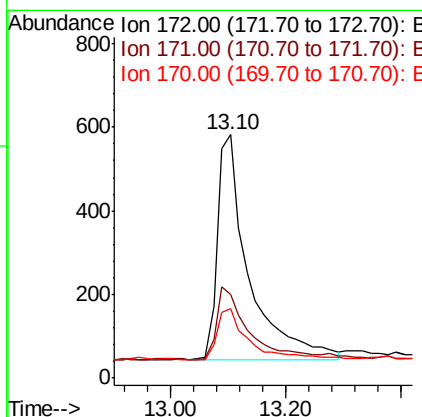
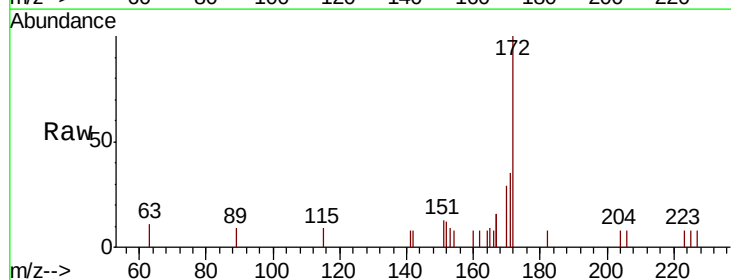
Instrument :
 BNA_G
 ClientSampled :

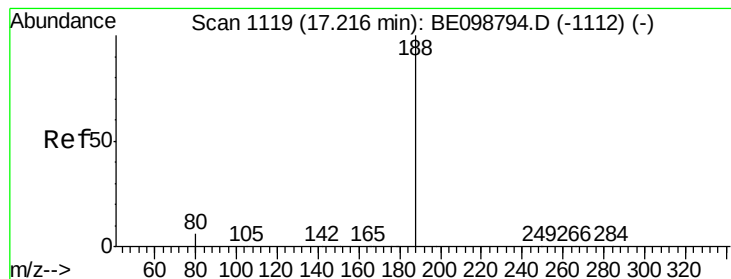
Tot Ion:330 Resp: 195
 Ion Ratio Lower Upper
 330 100
 332 86.2 77.6 116.4
 141 45.1 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.213 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BE098859.D
 Acq: 11 Mar 2019 12:24

Tgt Ion:172 Resp: 2039
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.0 42.0
 170 28.5 17.7 26.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

Instrument :

BNA_G

ClientSampleId :

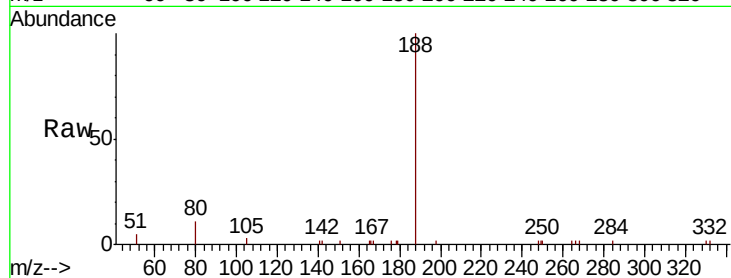
Tot Ion:188 Resp: 6117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

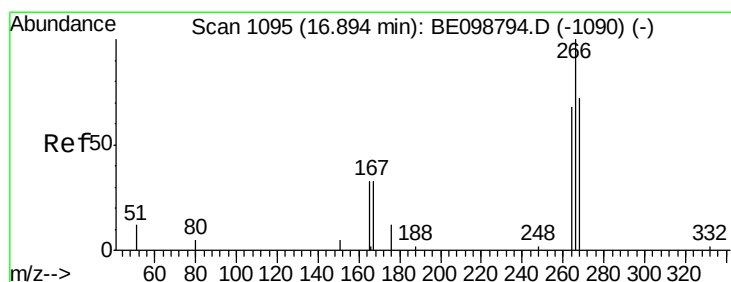
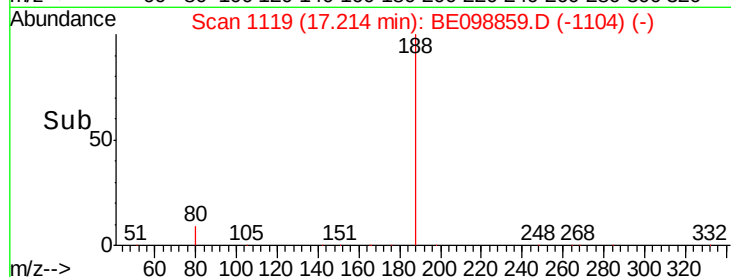
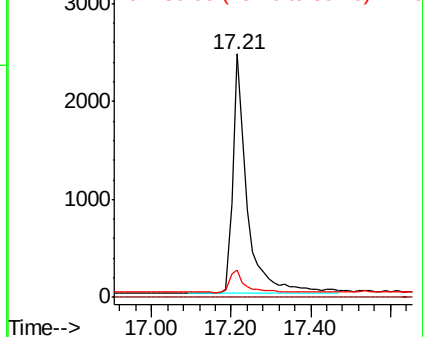
80 11.3 6.3 9.5#



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



#22

Pentachlorophenol

Concen: 0.273 ng

RT: 16.96 min Scan# 1100

Delta R.T. 0.07 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

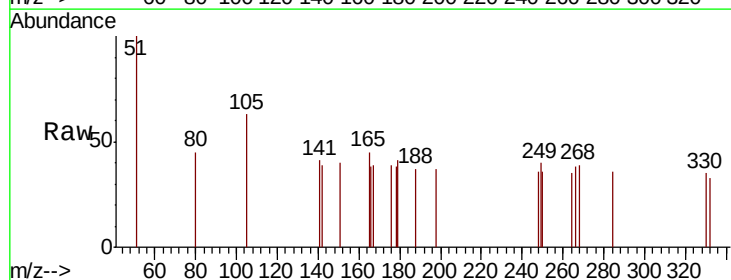
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

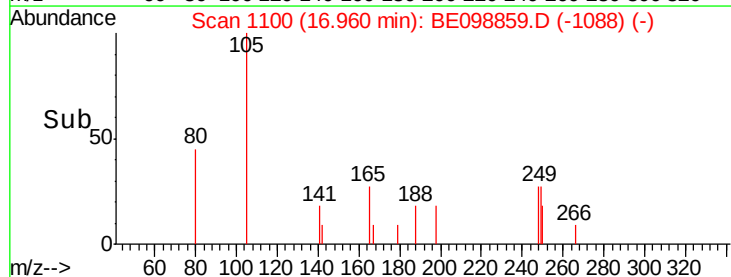
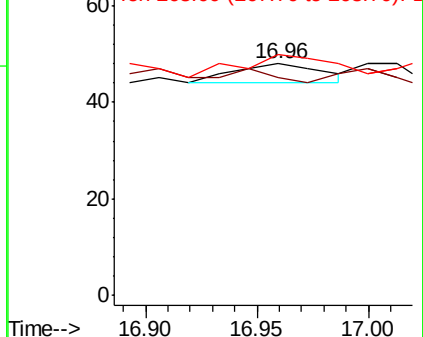
268 104.2 69.8 104.8

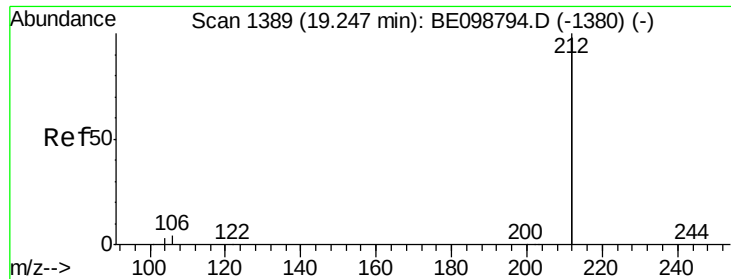


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.187 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

Instrument :

BNA_G

ClientSampleId :

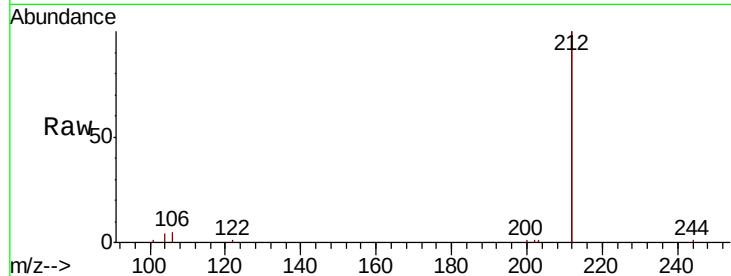
Tot Ion:212 Resp: 18296

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

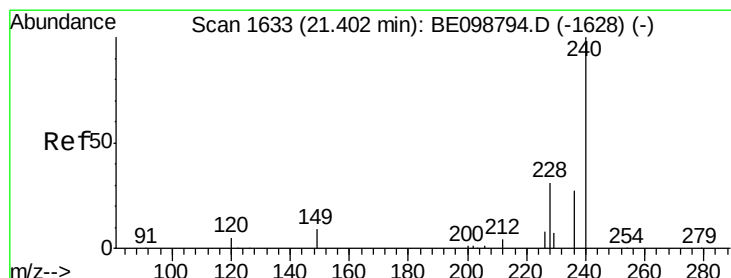
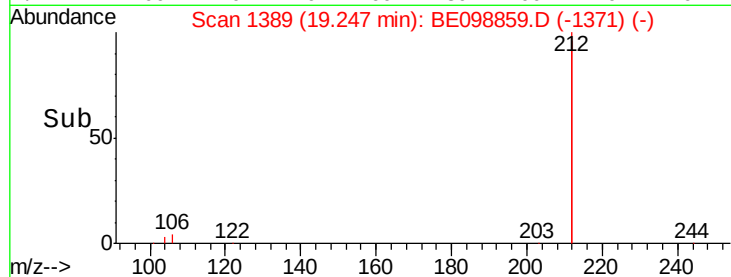
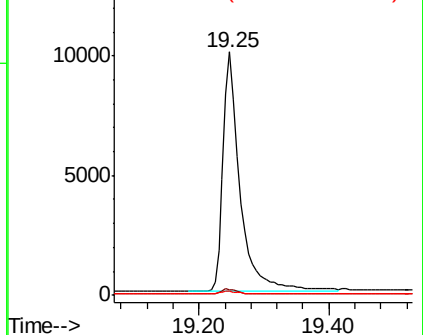
104 1.4 1.0 1.6



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: BE098859.D

Acq: 11 Mar 2019 12:24

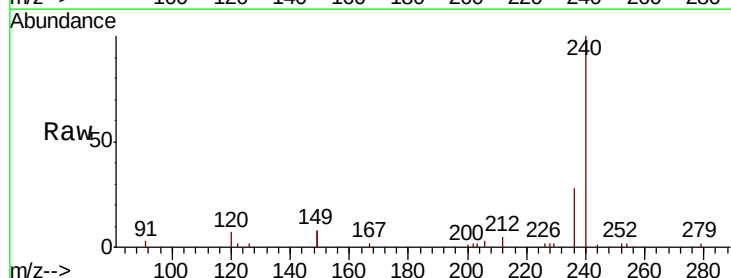
Tgt Ion:240 Resp: 7112

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.4

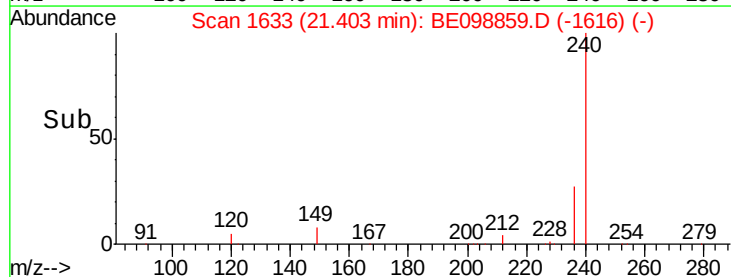
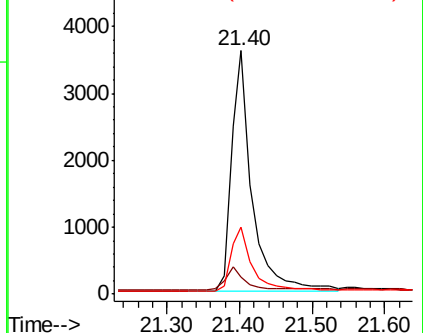
236 27.6 22.7 34.1

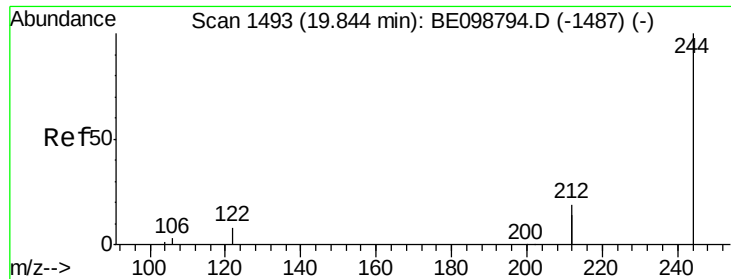


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.261 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

Instrument :

BNA_G

ClientSampleId :

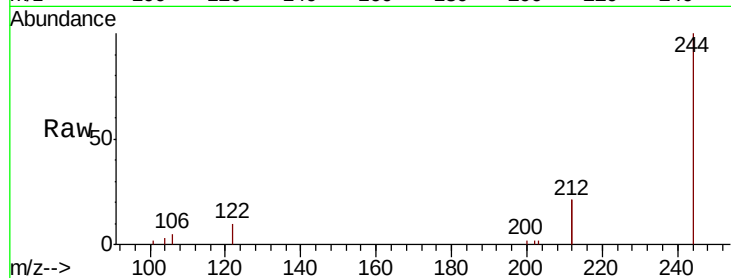
Tot Ion:244 Resp: 4509

Ion Ratio Lower Upper

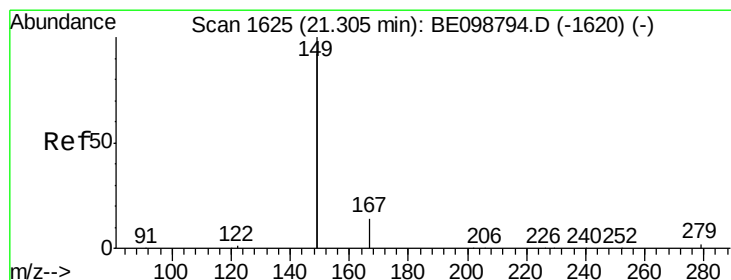
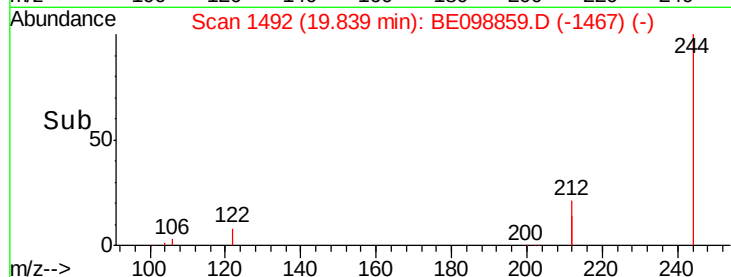
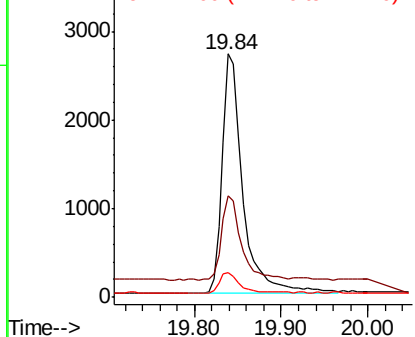
244 100

212 41.7 29.4 44.2

122 10.2 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: 0.040 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098859.D

Acq: 11 Mar 2019 12:24

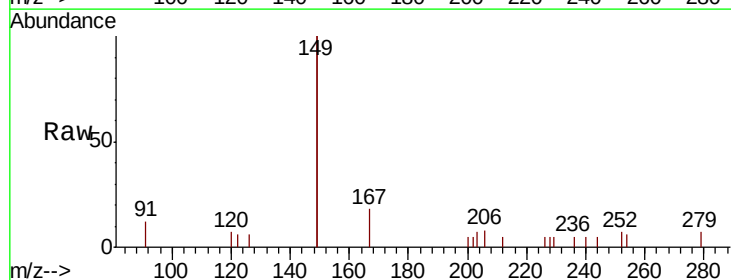
Tgt Ion:149 Resp: 1907

Ion Ratio Lower Upper

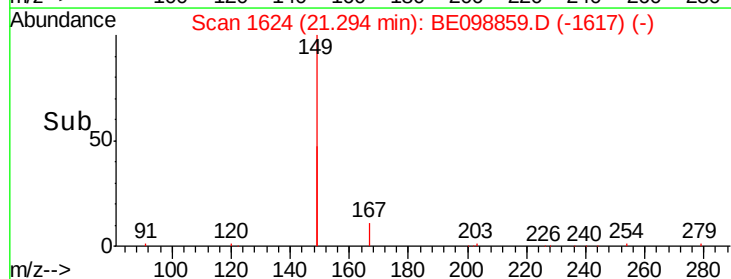
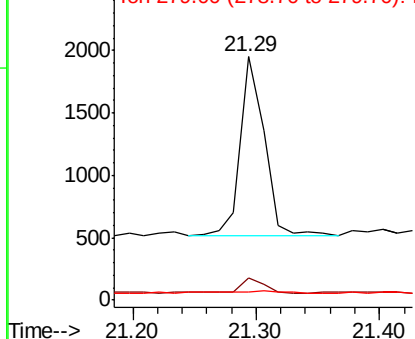
149 100

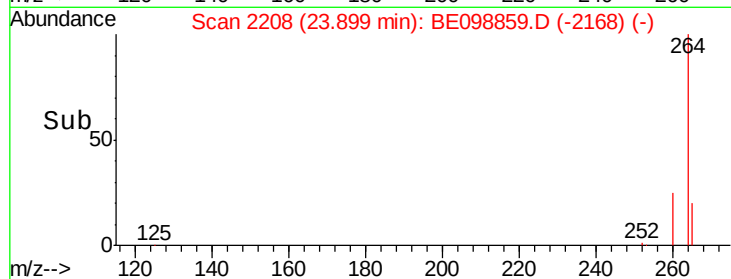
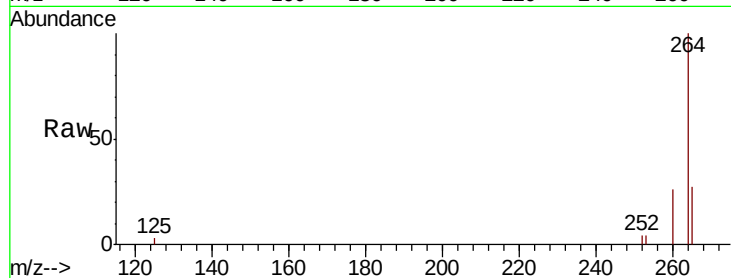
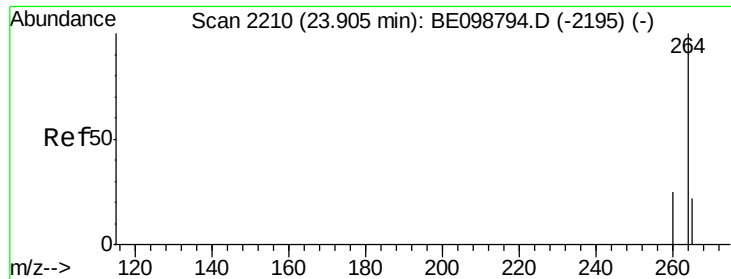
167 7.9 5.4 8.0

279 2.1 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: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098859.D
 Acq: 11 Mar 2019 12:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 7143
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.2 31.8
 265 26.8 24.6 36.8

