

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098903.D
 Acq On : 12 Mar 2019 18:19
 Operator : JU/SJ
 Sample : K1839-10DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20190308DL

Quant Time: Mar 13 08:05:11 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

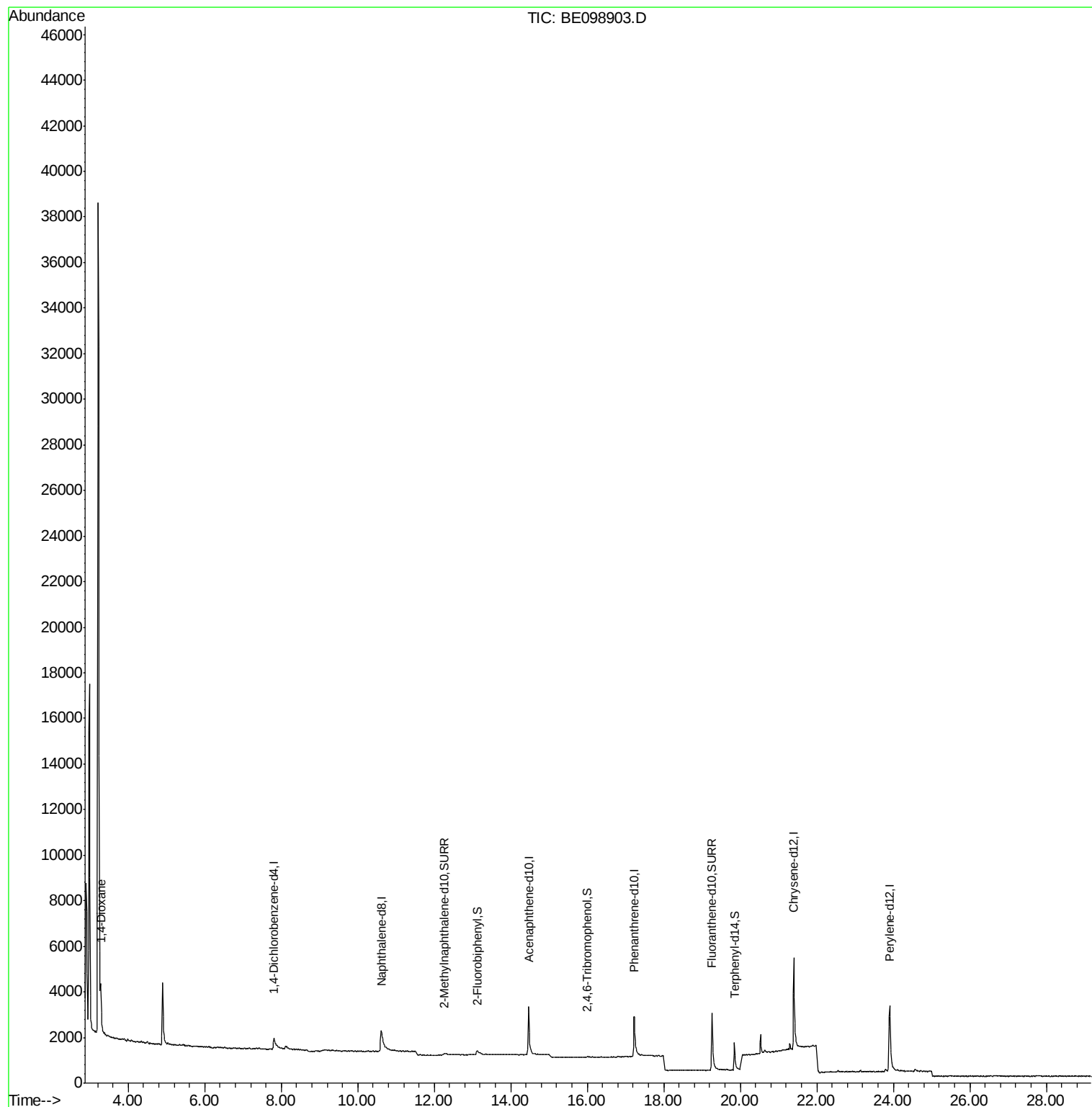
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	551	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2741	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2163	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5587	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6341	0.40	ng	0.00
34) Perylene-d12	23.90	264	6098	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	32	0.02	ng	0.06
5) Phenol-d6	6.96	99	12	0.01	ng	-0.02
8) Nitrobenzene-d5	8.95	82	16	0.01	ng	-0.01
11) 2-Methylnaphthalene-d10	12.25	152	416	0.08	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	47	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	684	0.08	ng	0.03
25) Fluoranthene-d10	19.26	212	6149	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1636	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	1140	1.240	ng	Qvalue 92

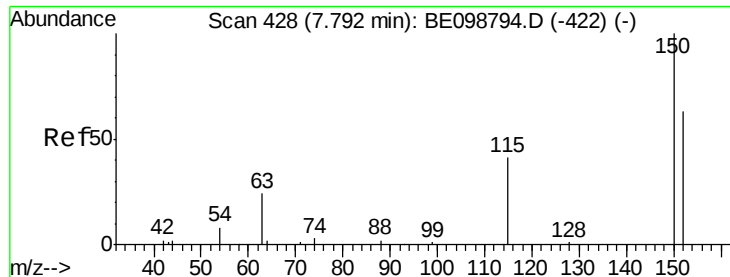
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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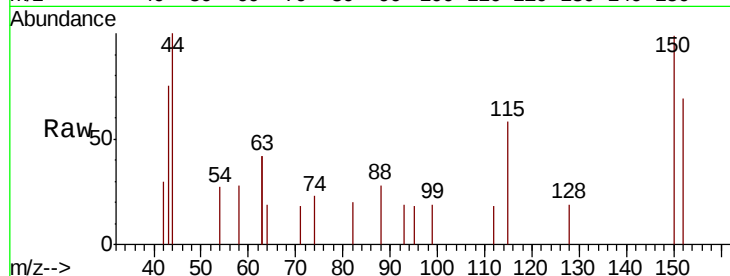


#1

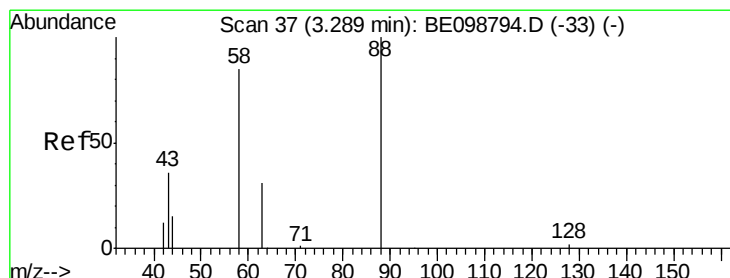
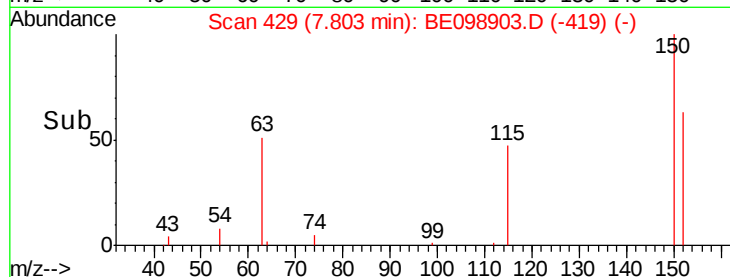
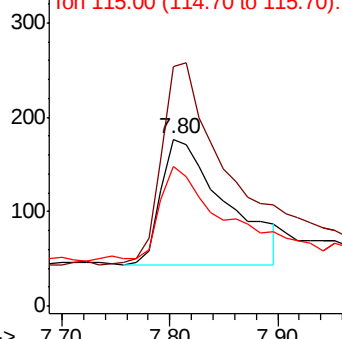
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tot Ion:152 Resp: 551
Ion Ratio Lower Upper
152 100
150 143.5 122.5 183.7
115 83.6 57.4 86.2



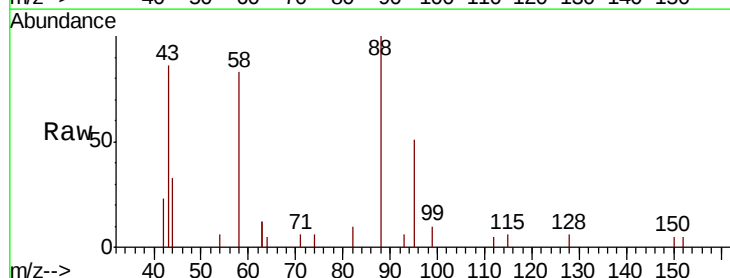
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



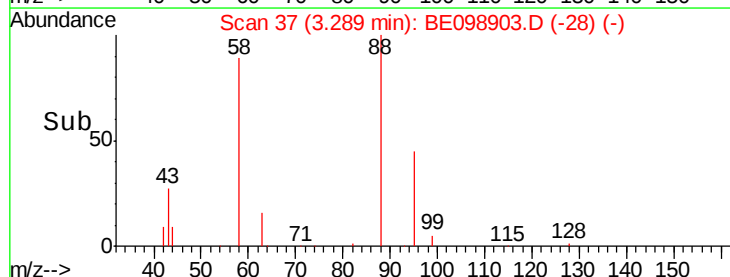
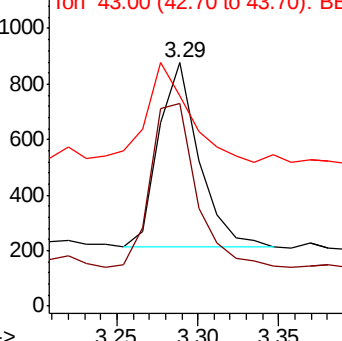
#2

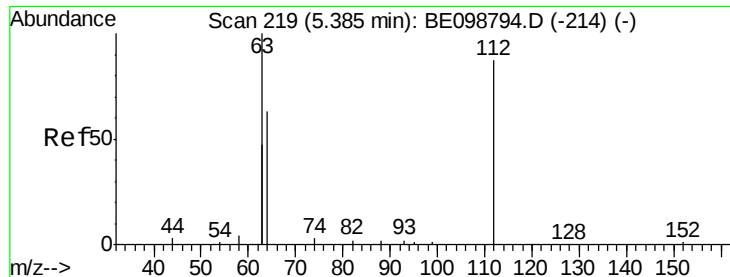
1,4-Dioxane
Concen: 1.240 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion: 88 Resp: 1140
Ion Ratio Lower Upper
88 100
58 101.5 75.8 113.6
43 58.2 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: 0.019 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.06 min

Lab File: BE098903.D

Acq: 12 Mar 2019 18:19

Instrument :

BNA_E

ClientSampleId :

DUP03-20190308DL

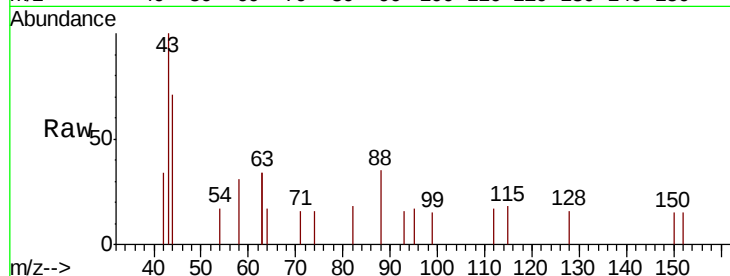
Tot Ion: 112 Resp: 32

Ion Ratio Lower Upper

112 100

64 81.3 57.9 86.9

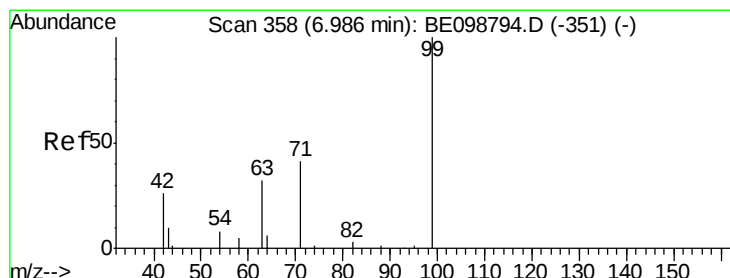
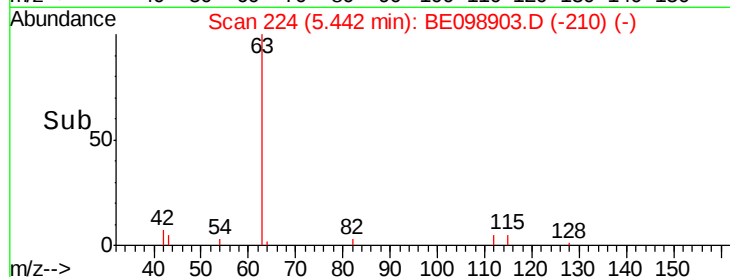
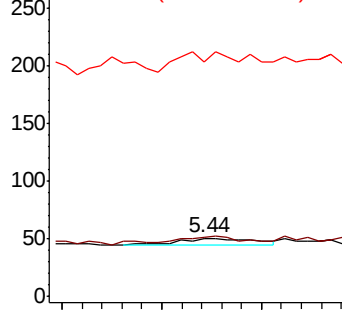
63 0.0 158.3 237.5#



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: 0.005 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE098903.D

Acq: 12 Mar 2019 18:19

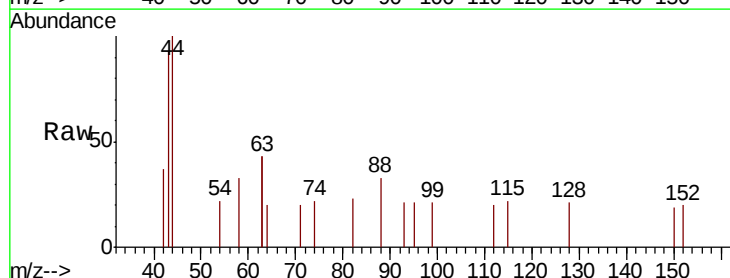
Tgt Ion: 99 Resp: 12

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

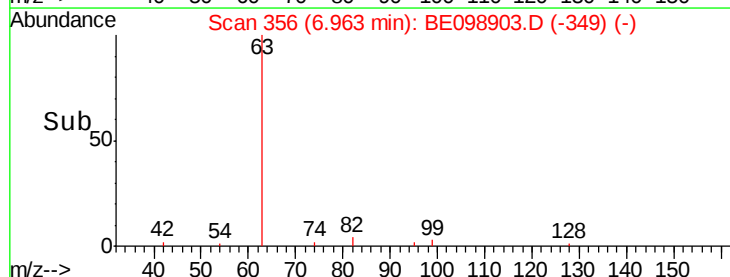
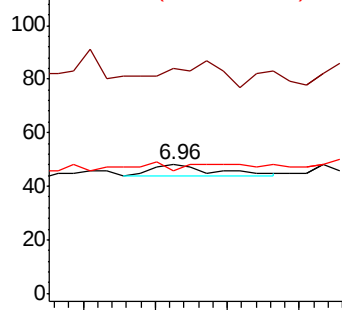
71 25.0 35.7 53.5#

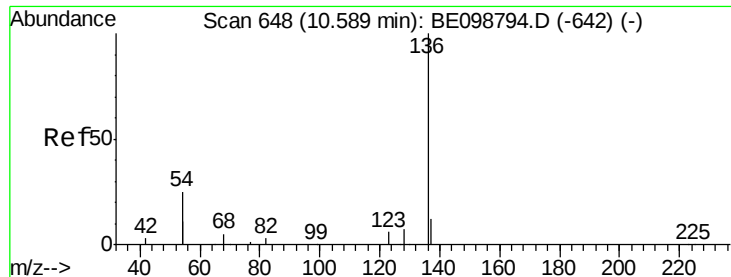


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE098903.D

Acq: 12 Mar 2019 18:19

Instrument :

BNA_E

ClientSampleId :

DUP03-20190308DL

Tot Ion:136 Resp: 2741

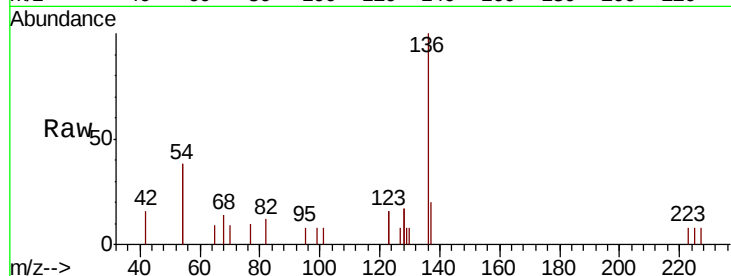
Ion Ratio Lower Upper

136 100

137 19.5 11.4 17.0#

54 76.1 39.3 58.9#

68 14.1 6.7 10.1#

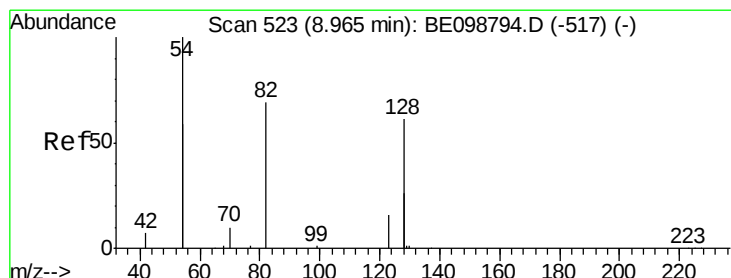
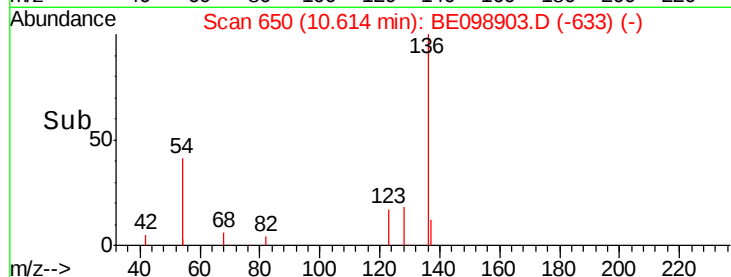
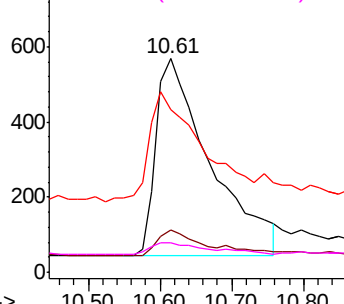


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.006 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098903.D

Acq: 12 Mar 2019 18:19

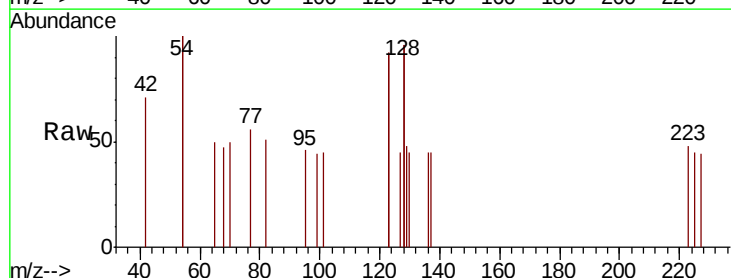
Tgt Ion: 82 Resp: 16

Ion Ratio Lower Upper

82 100

128 373.1 123.8 185.8#

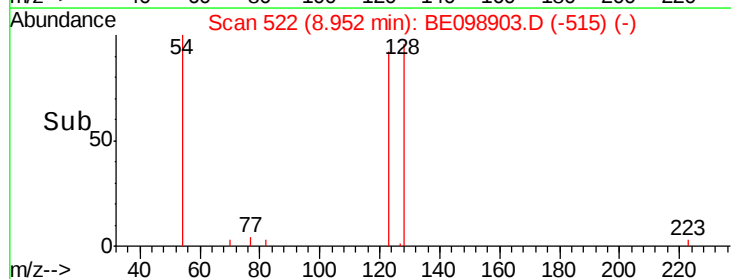
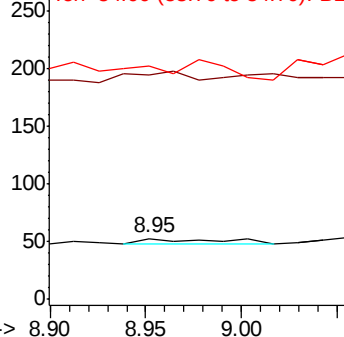
54 388.5 203.4 305.2#

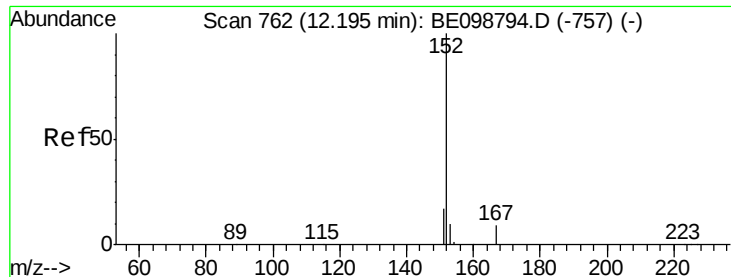


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

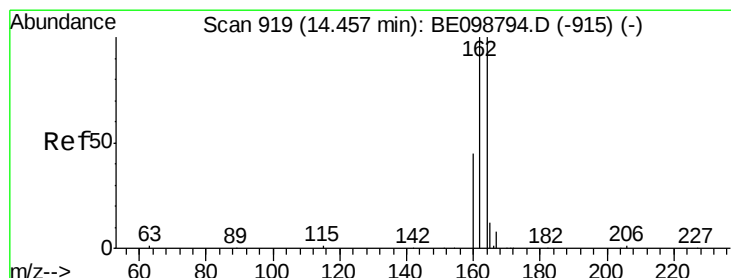
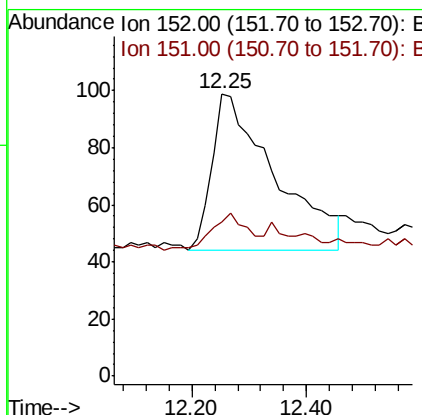
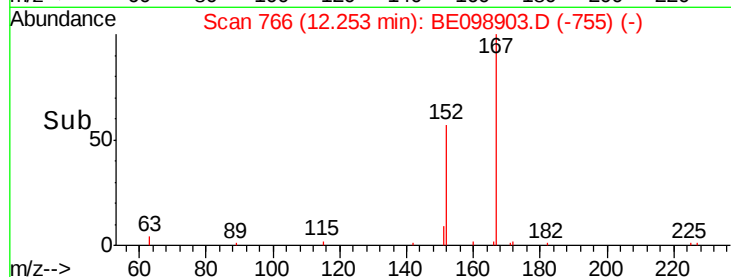
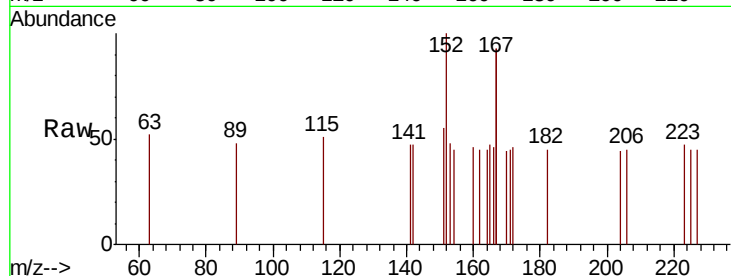




#11
 2-Methylnaphthalene-d10
 Concen: 0.082 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.06 min
 Lab File: BE098903.D
 Acq: 12 Mar 2019 18:19

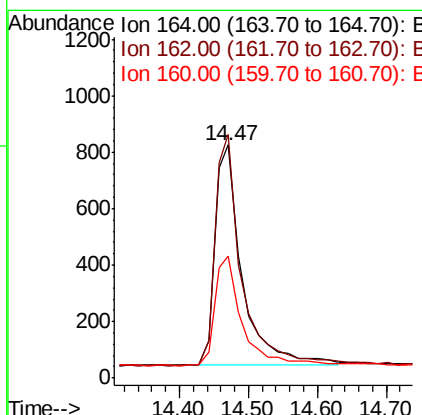
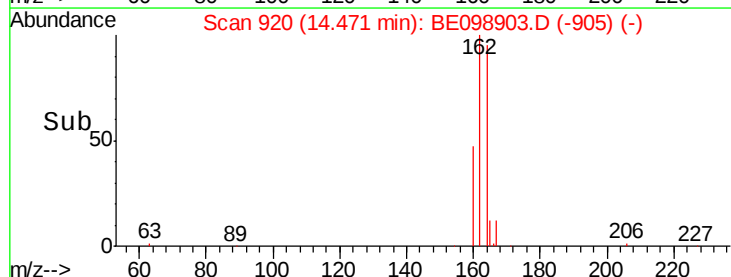
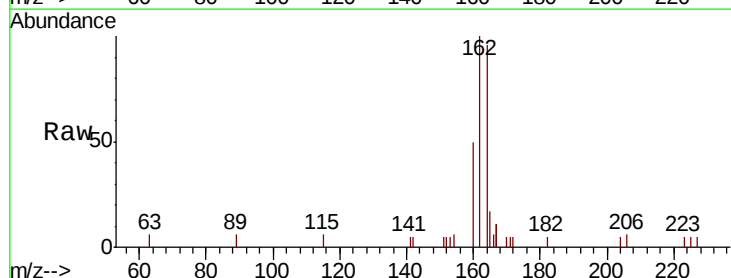
Instrument :
 BNA_E
 ClientSampleID :
 DUP03-20190308DL

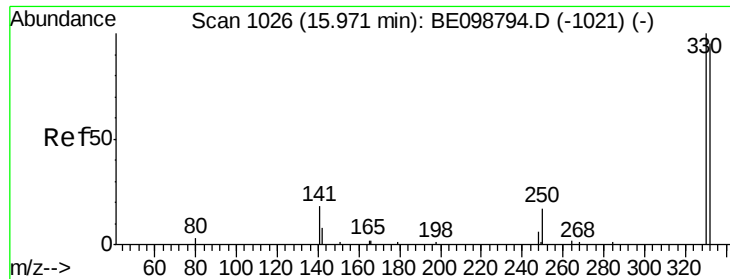
Tot Ion:152 Resp: 416
 Ion Ratio Lower Upper
 152 100
 151 10.8 16.5 24.7#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098903.D
 Acq: 12 Mar 2019 18:19

Tgt Ion:164 Resp: 2163
 Ion Ratio Lower Upper
 164 100
 162 104.5 80.2 120.2
 160 52.1 37.8 56.8

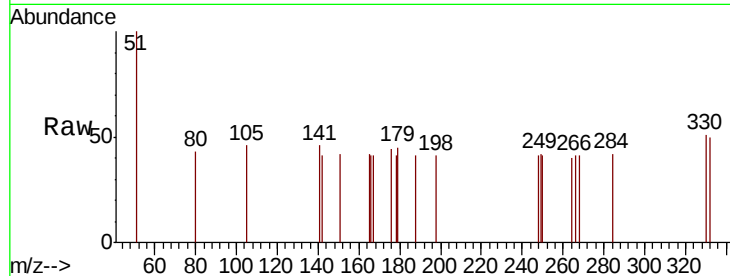




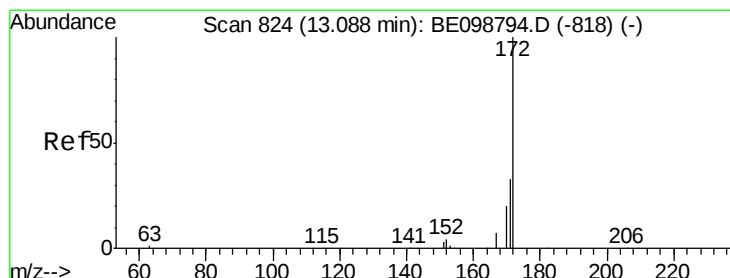
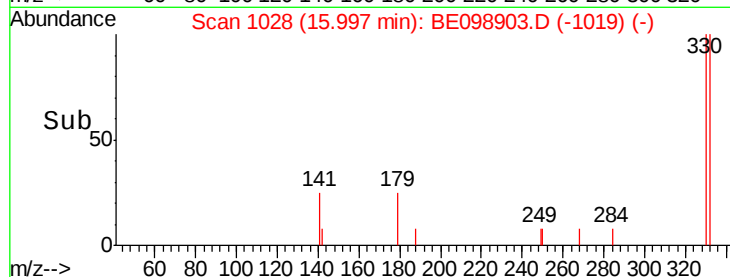
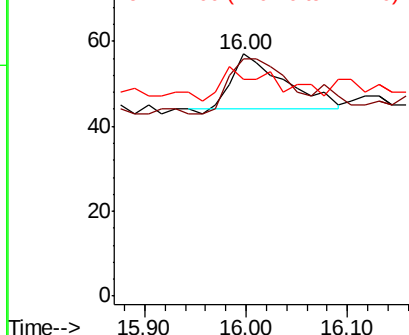
#14
 2,4,6-Tribromophenol
 Concen: 0.043 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.03 min
 Lab File: BE098903.D
 Acq: 12 Mar 2019 18:19

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20190308DL

Tot Ion:330 Resp: 47
 Ion Ratio Lower Upper
 330 100
 332 110.6 77.6 116.4
 141 66.0 31.0 46.4#

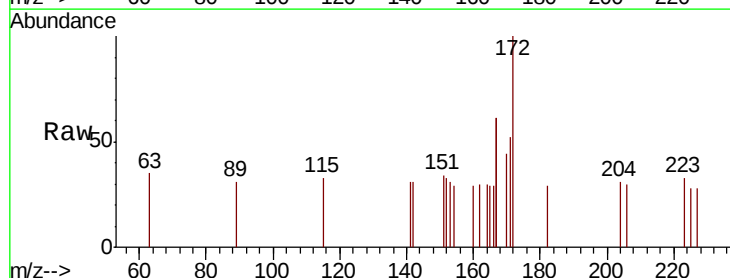


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

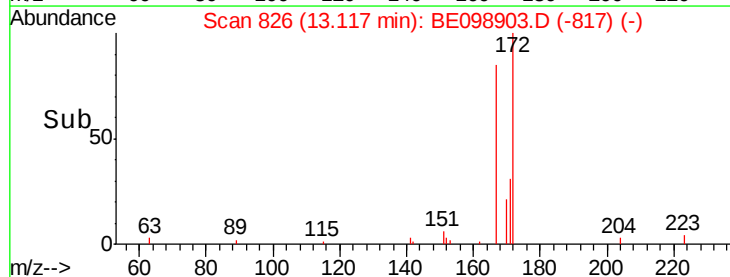
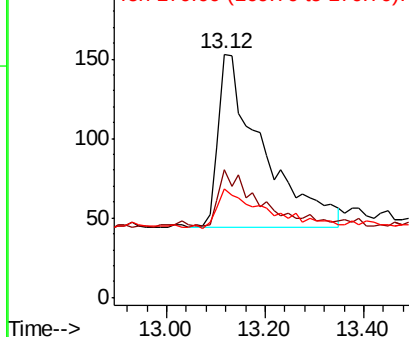


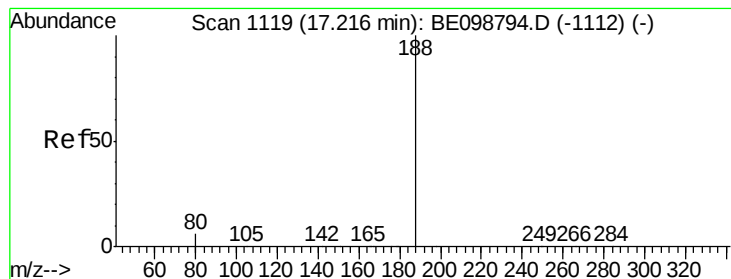
#15
 2-Fluorobiphenyl
 Concen: 0.076 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.03 min
 Lab File: BE098903.D
 Acq: 12 Mar 2019 18:19

Tgt Ion:172 Resp: 684
 Ion Ratio Lower Upper
 172 100
 171 52.3 28.0 42.0#
 170 44.4 17.7 26.5#



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. 0.01 min

Lab File: BE098903.D

Acq: 12 Mar 2019 18:19

Instrument :

BNA_E

ClientSampleId :

DUP03-20190308DL

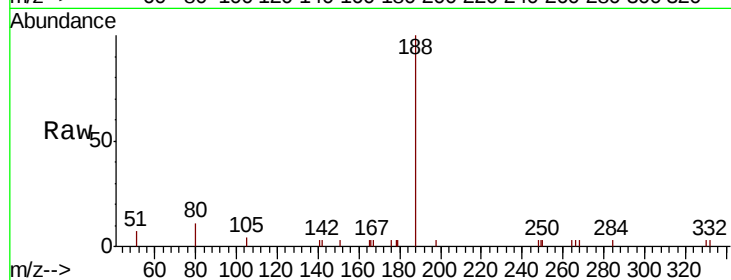
Tot Ion:188 Resp: 5587

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

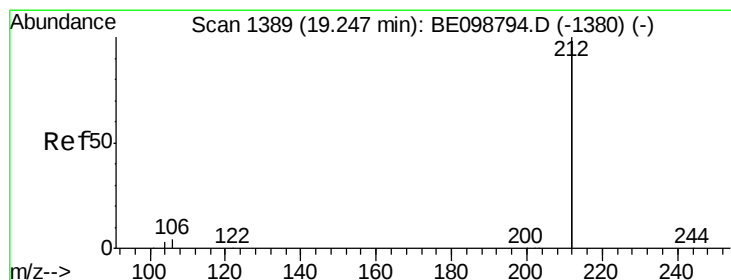
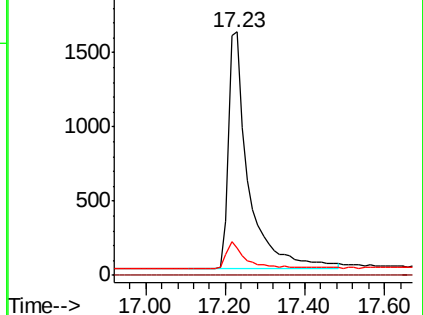
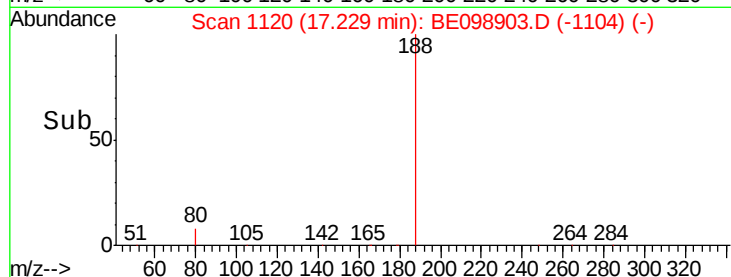
80 11.0 6.3 9.5#



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: 0.069 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098903.D

Acq: 12 Mar 2019 18:19

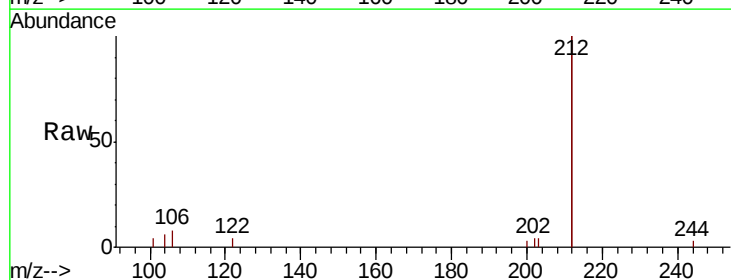
Tgt Ion:212 Resp: 6149

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

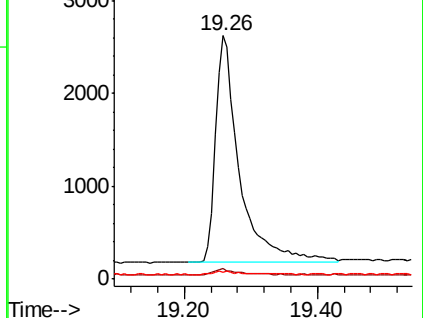
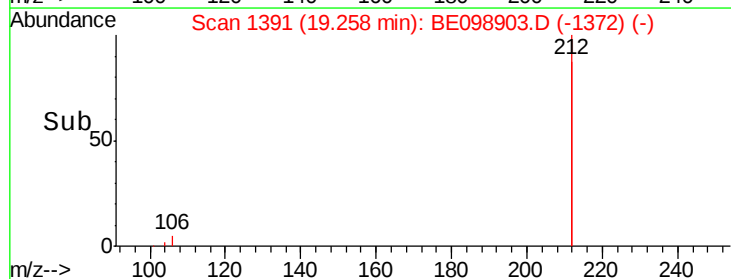
104 1.4 1.0 1.6

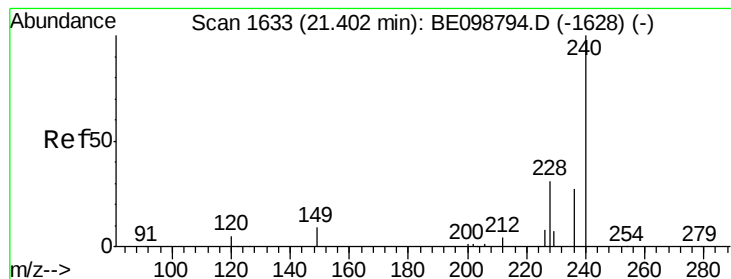


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098903.D

Acq: 12 Mar 2019 18:19

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DUP03-20190308DL

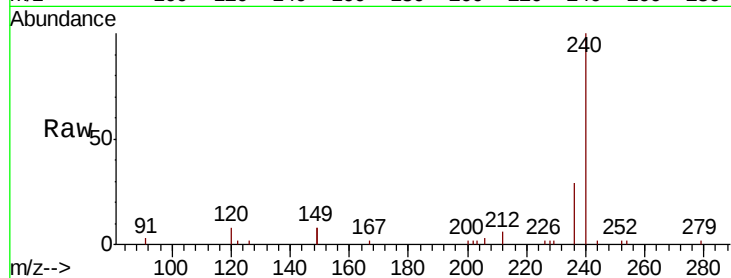
Tot Ion:240 Resp: 6341

Ion Ratio Lower Upper

240 100

120 8.2 5.0 7.4#

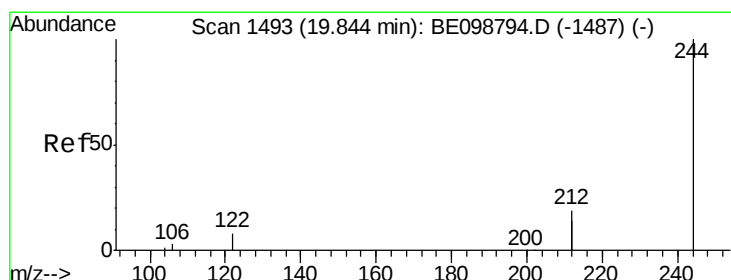
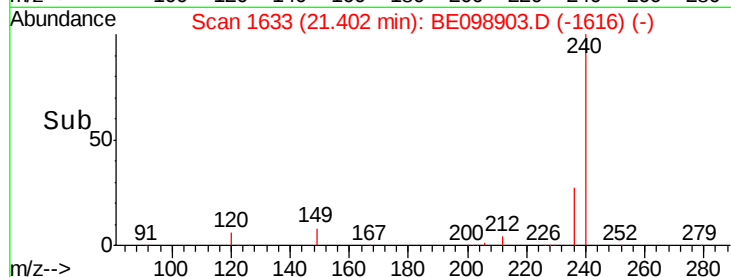
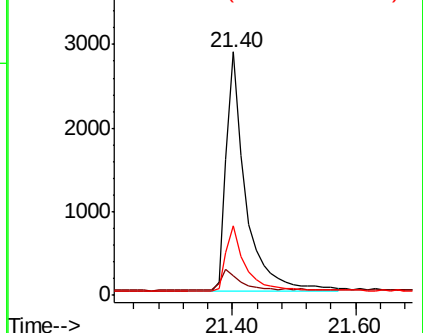
236 28.7 22.7 34.1



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: 0.106 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098903.D

Acq: 12 Mar 2019 18:19

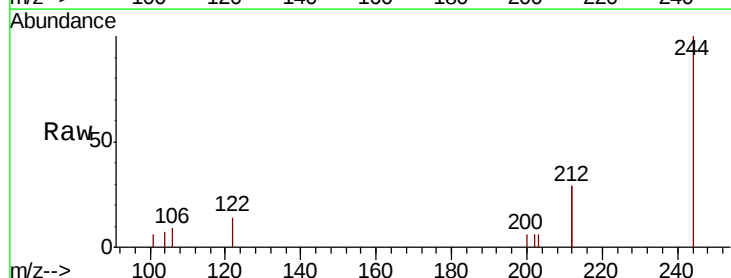
Tgt Ion:244 Resp: 1636

Ion Ratio Lower Upper

244 100

212 57.5 29.4 44.2#

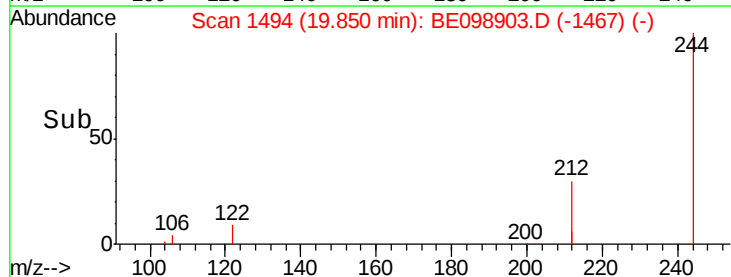
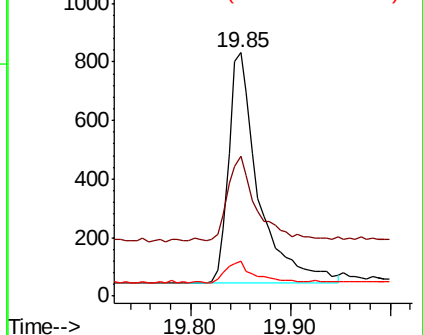
122 14.4 7.1 10.7#

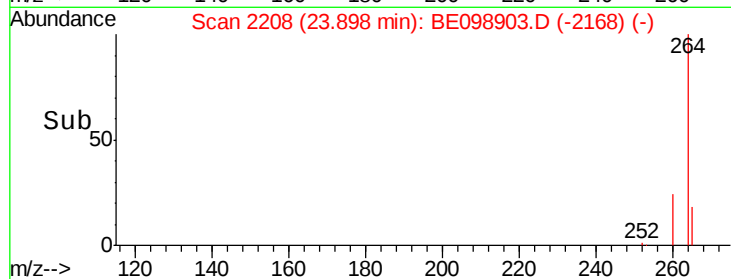
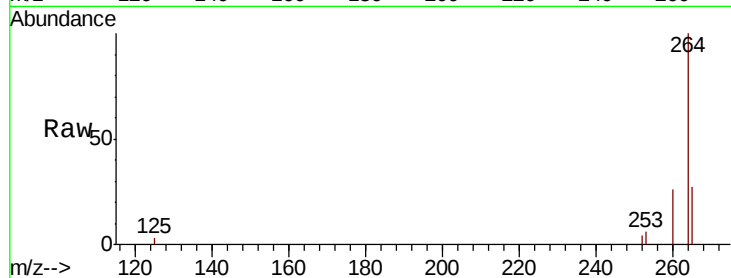
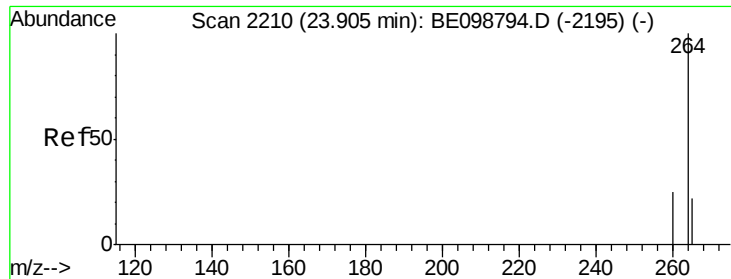


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tot Ion: 264 Resp: 6098
Ion Ratio Lower Upper
264 100
260 25.8 21.2 31.8
265 26.8 24.6 36.8

