

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098858.D
 Acq On : 11 Mar 2019 11:48
 Operator : JU/SJ
 Sample : K1793-12DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 11 13:42:05 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

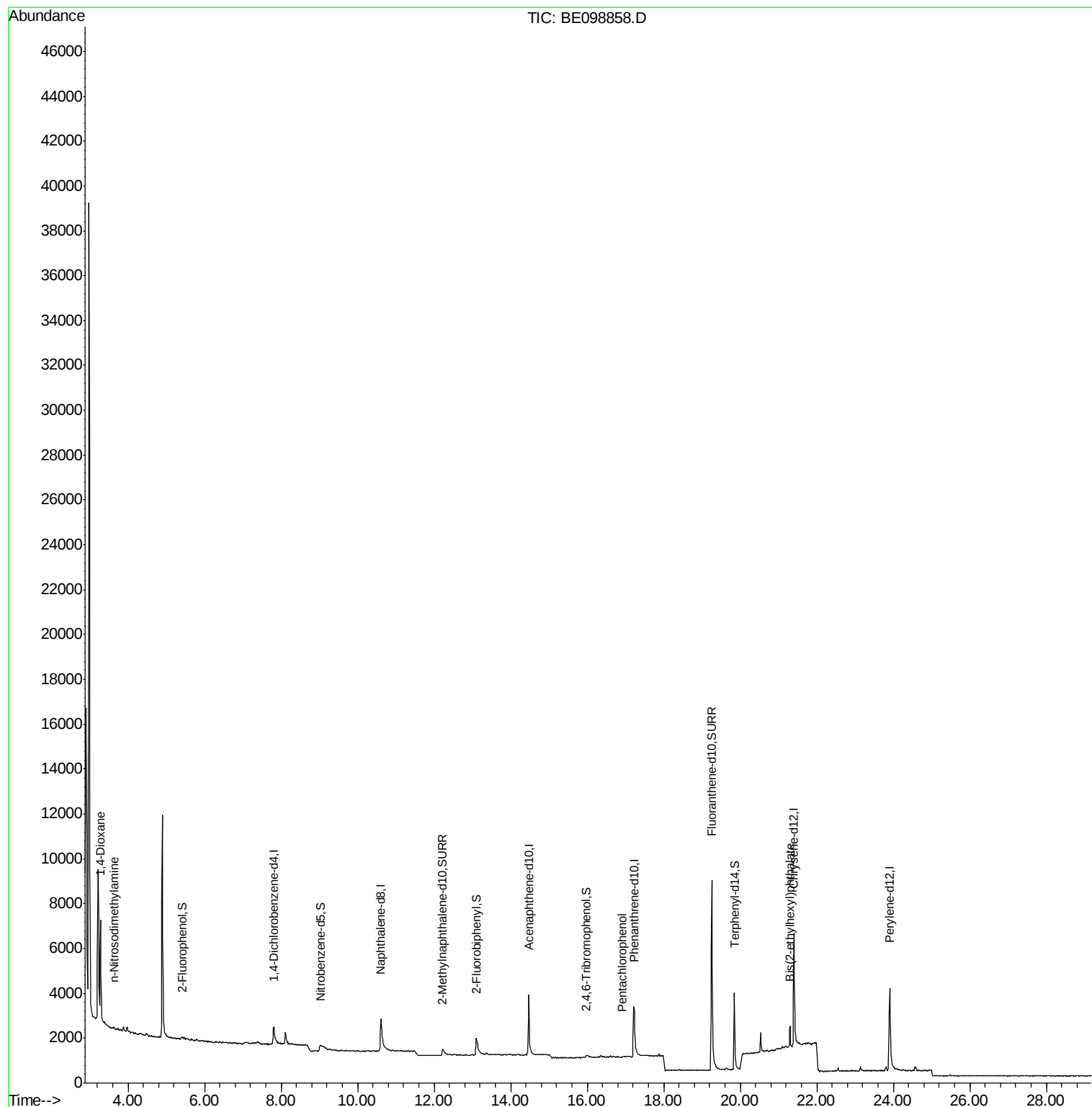
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	760	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3215	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2328	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	6051	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7142	0.40	ng	0.00
34) Perylene-d12	23.91	264	7118	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	123	0.05	ng	0.04
5) Phenol-d6	6.98	99	7	0.00	ng	-0.01
8) Nitrobenzene-d5	9.03	82	501	0.15	ng	0.06
11) 2-Methylnaphthalene-d10	12.22	152	1068	0.18	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	174	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	1976	0.21	ng	0.01
25) Fluoranthene-d10	19.25	212	16531	0.17	ng	0.00
29) Terphenyl-d14	19.85	244	3937	0.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2749	2.245	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.64	42	50	0.026	ng	# 41
22) Pentachlorophenol	16.91	266	10	0.272	ng	87
32) Bis(2-ethylhexyl)phthalate	21.31	149	1430	0.030	ng	# 96

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

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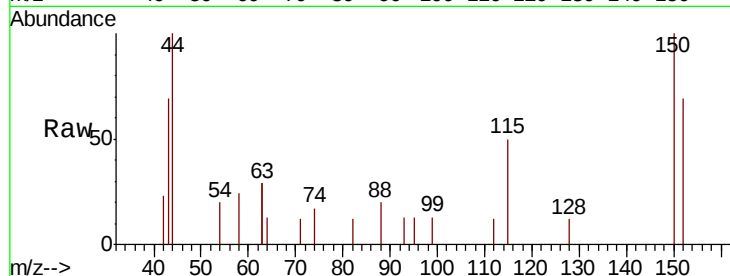


#1

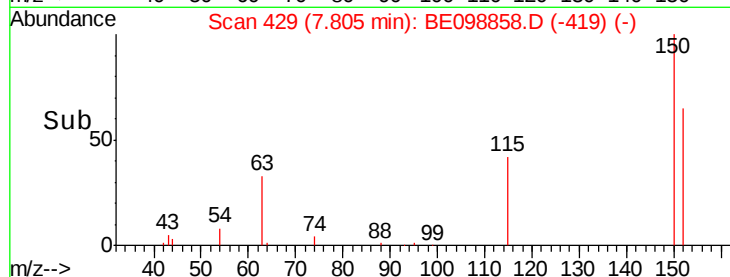
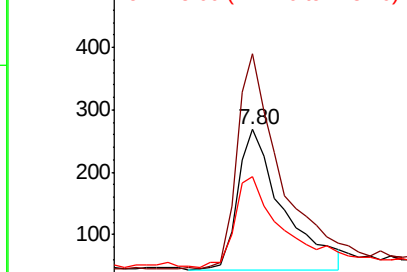
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 760
Ion Ratio Lower Upper
152 100
150 145.0 122.5 183.7
115 72.1 57.4 86.2



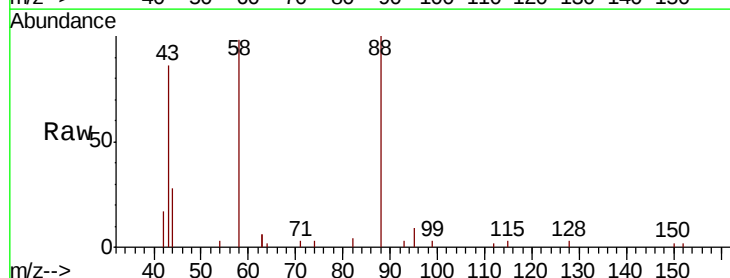
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



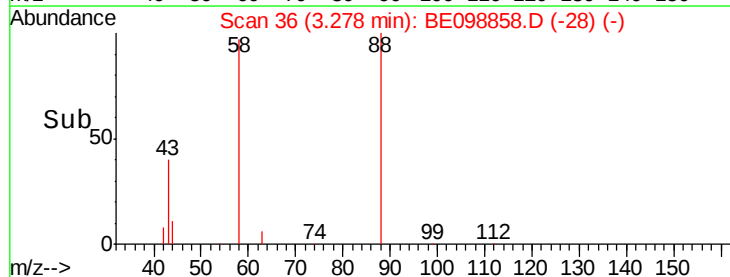
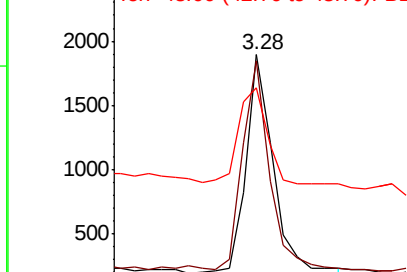
#2

1,4-Dioxane
Concen: 2.245 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion: 88 Resp: 2749
Ion Ratio Lower Upper
88 100
58 92.8 75.8 113.6
43 46.7 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



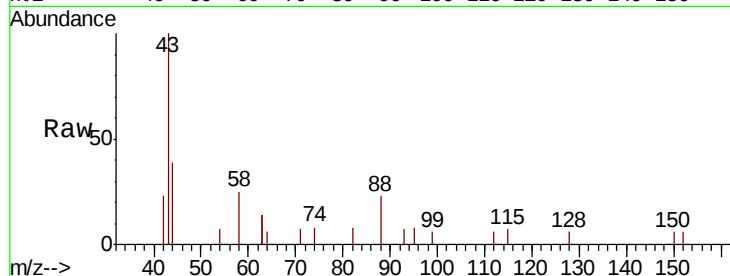


#3

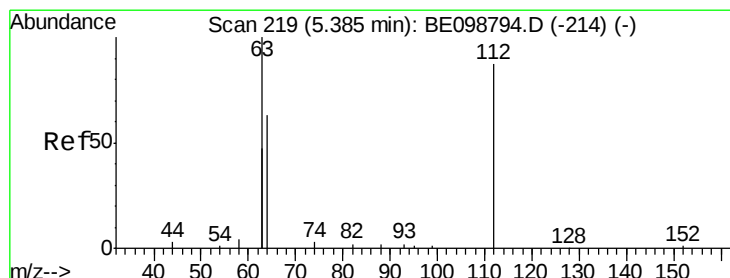
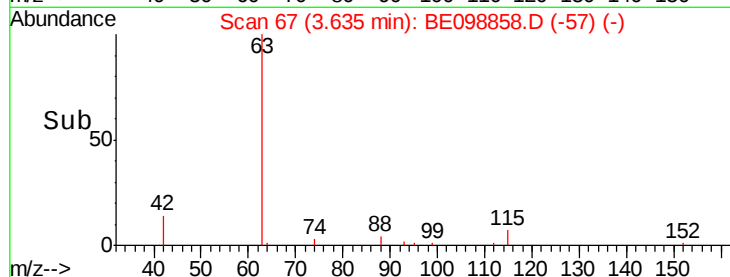
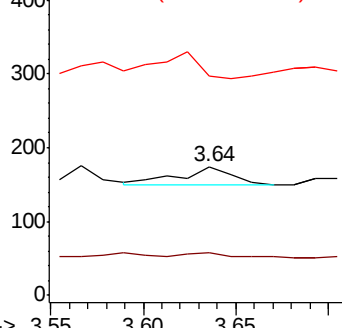
n-Nitrosodimethylamine
 Concen: 0.026 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 42 Resp: 50
 Ion Ratio Lower Upper
 42 100
 74 22.0 57.0 85.4#
 44 118.0 0.0 0.0#



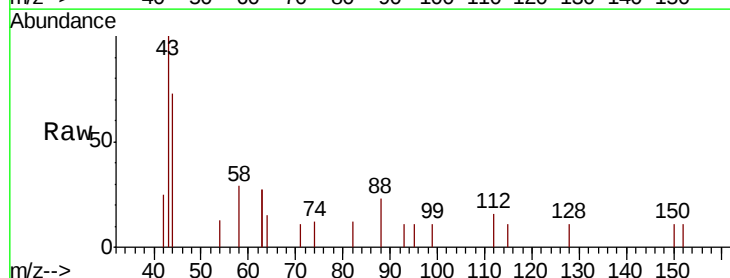
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



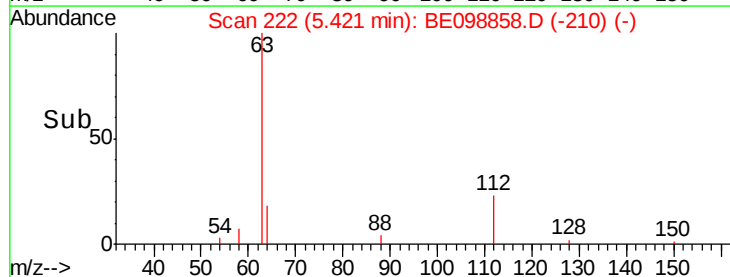
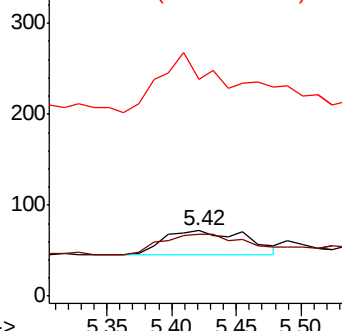
#4

2-Fluorophenol
 Concen: 0.054 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Tgt Ion: 112 Resp: 123
 Ion Ratio Lower Upper
 112 100
 64 94.3 57.9 86.9#
 63 166.7 158.3 237.5



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: 0.002 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

BNA_G

ClientSampled :

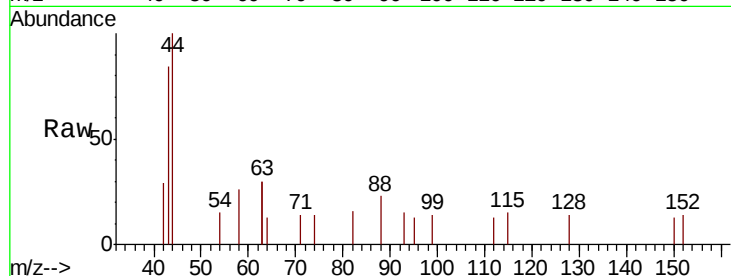
Tot Ion: 99 Resp: 7

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

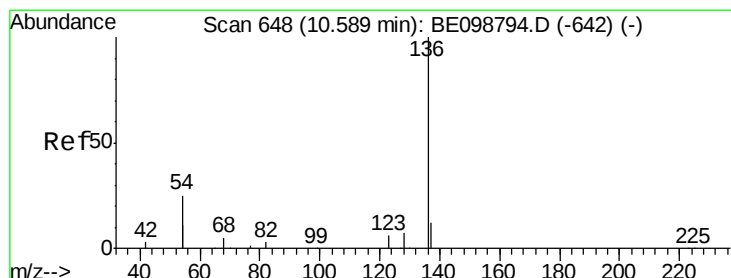
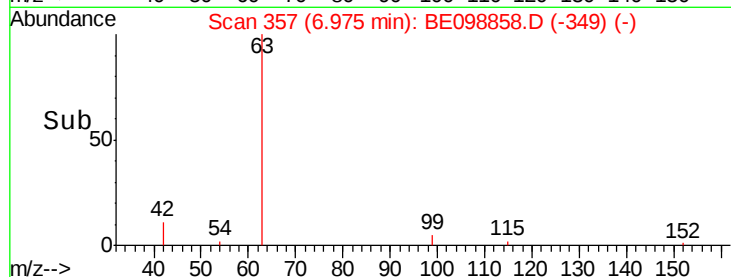
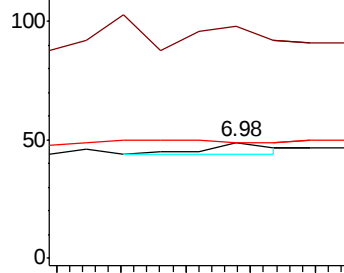
71 0.0 35.7 53.5#



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: BE098858.D

Acq: 11 Mar 2019 11:48

Tgt Ion: 136 Resp: 3215

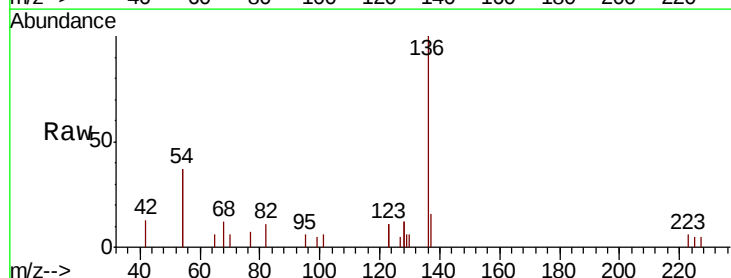
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 74.5 39.3 58.9#

68 12.4 6.7 10.1#

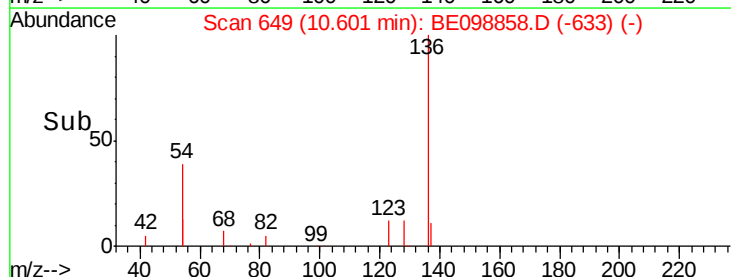
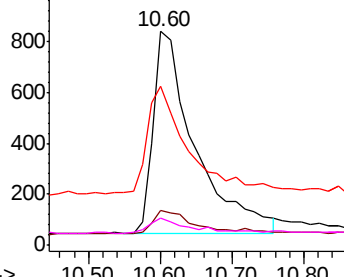


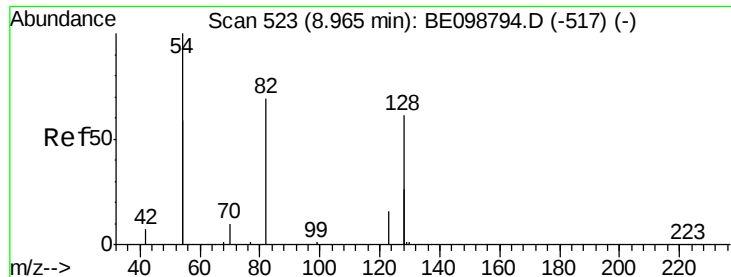
Abundance Ion 136.00 (135.70 to 136.70): E

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

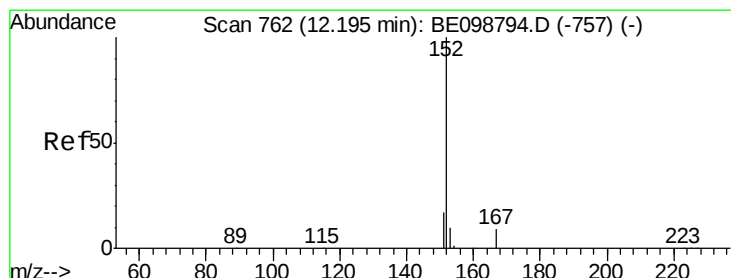
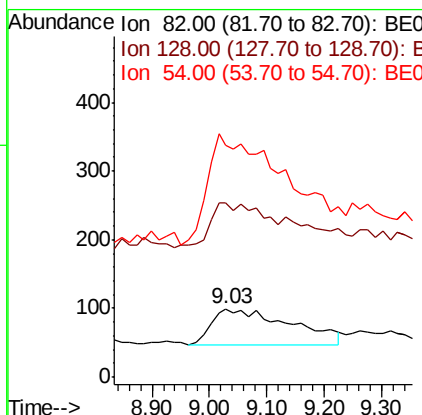
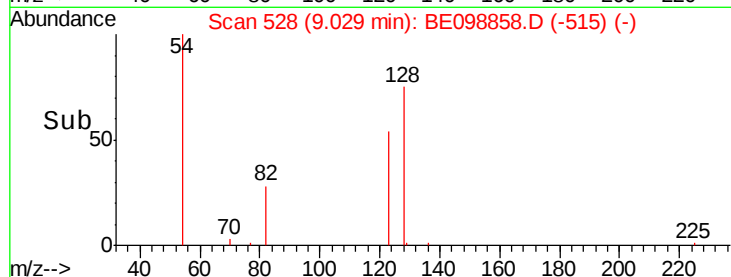
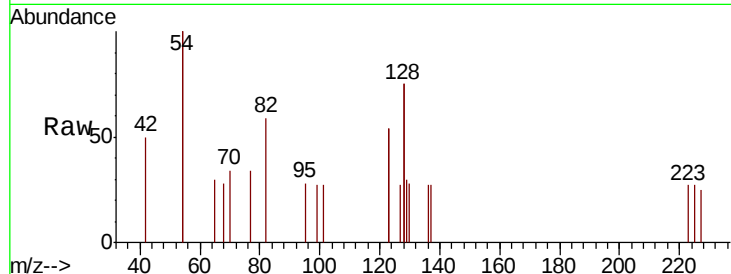




#8
 Nitrobenzene-d5
 Concen: 0.149 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.06 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

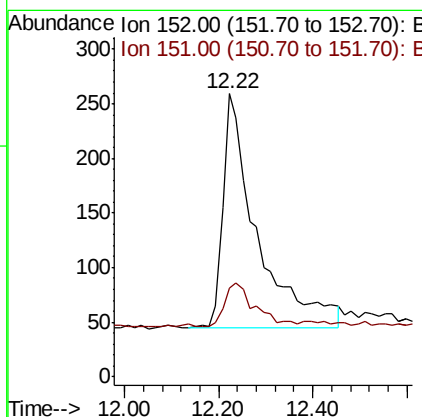
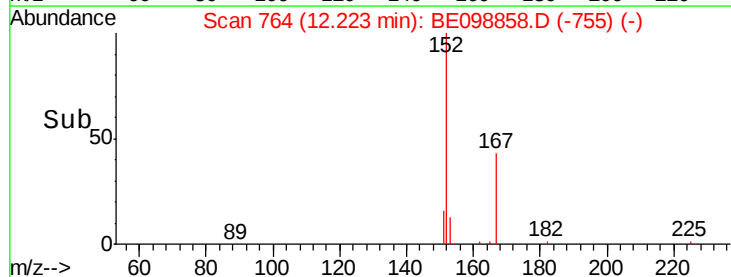
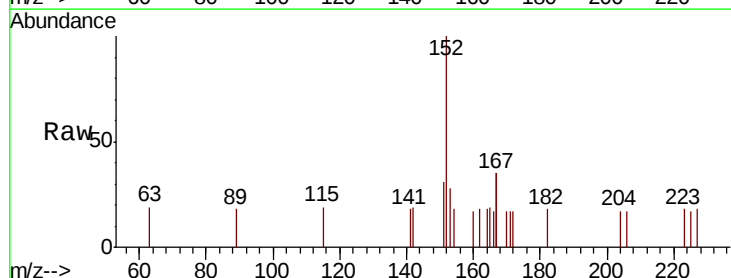
Instrument :
 BNA_G
 ClientSampled :

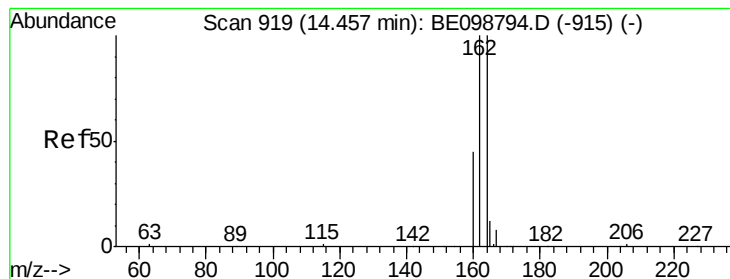
Tot Ion: 82 Resp: 501
 Ion Ratio Lower Upper
 82 100
 128 256.6 123.8 185.8#
 54 341.4 203.4 305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.180 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.03 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Tgt Ion: 152 Resp: 1068
 Ion Ratio Lower Upper
 152 100
 151 16.6 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: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

BNA_G

ClientSampled :

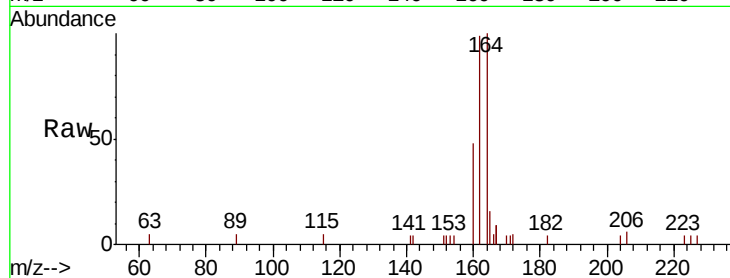
Tot Ion:164 Resp: 2328

Ion Ratio Lower Upper

164 100

162 98.8 80.2 120.2

160 48.1 37.8 56.8

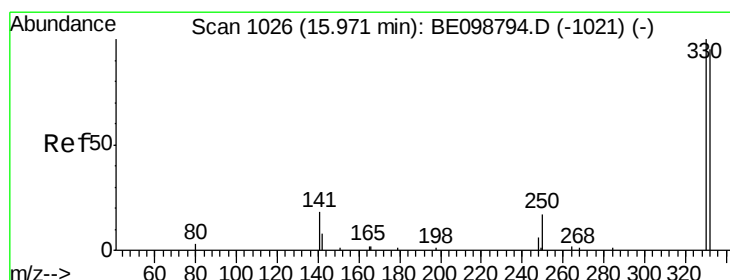
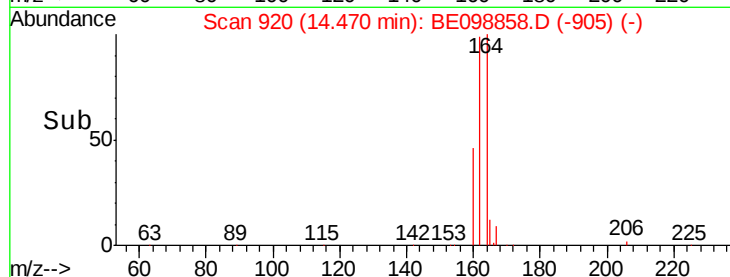
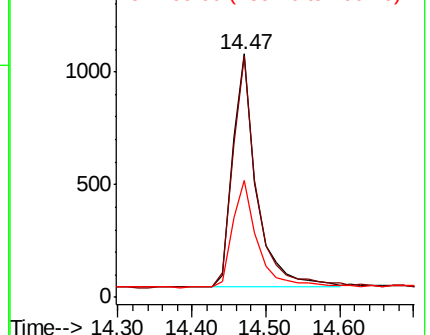


Abundance

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: 0.148 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

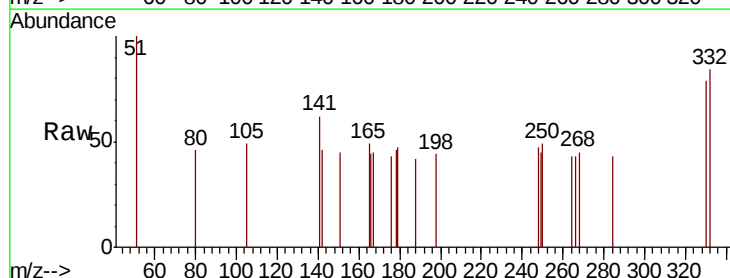
Tgt Ion:330 Resp: 174

Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

141 33.9 31.0 46.4

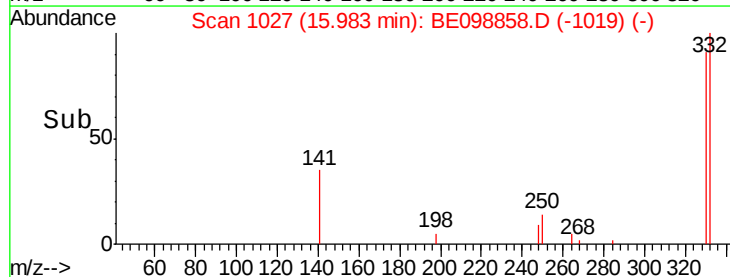
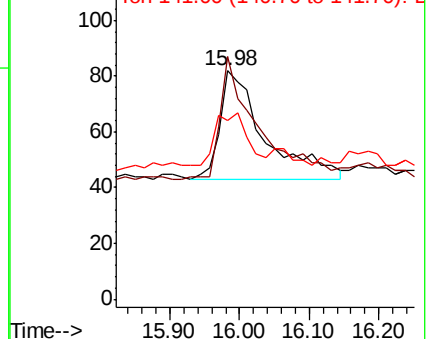


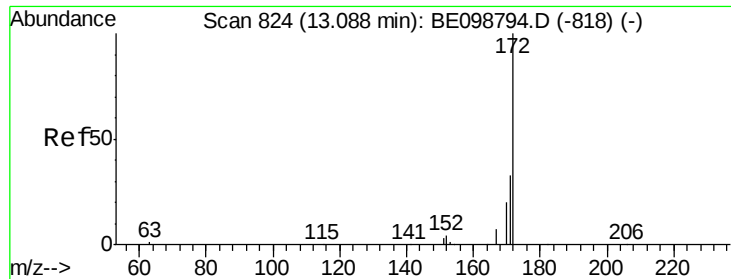
Abundance

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

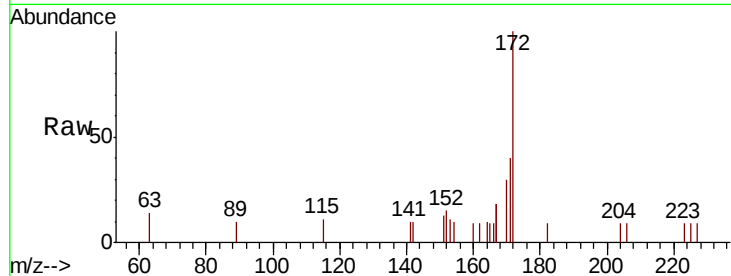




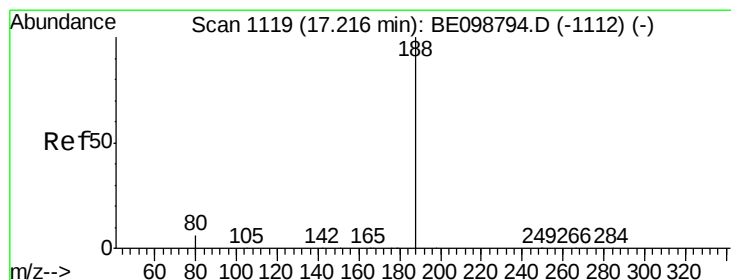
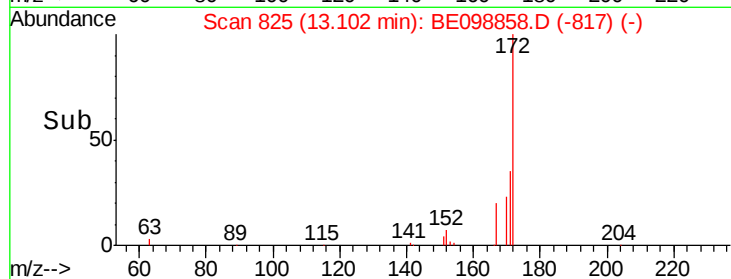
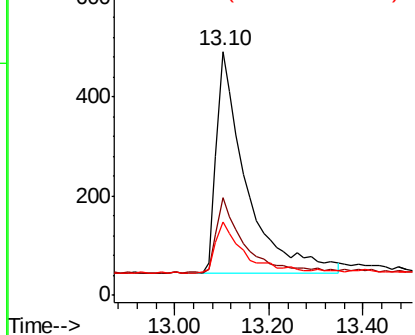
#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1976
Ion Ratio Lower Upper
172 100
171 40.3 28.0 42.0
170 30.1 17.7 26.5#

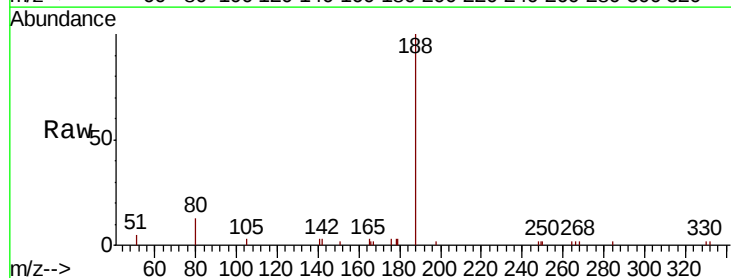


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

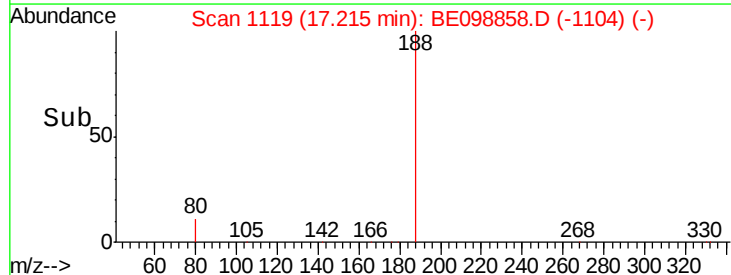
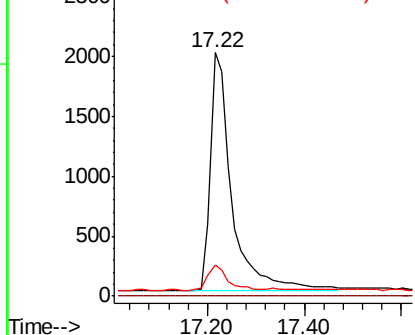


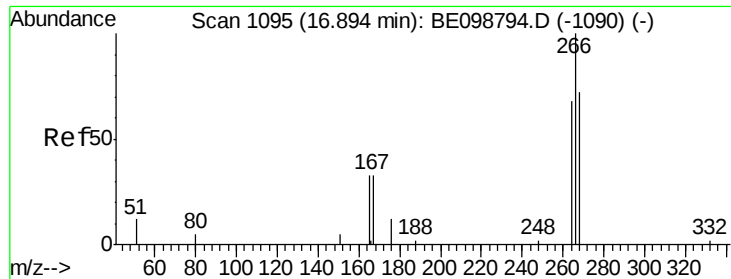
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:188 Resp: 6051
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 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

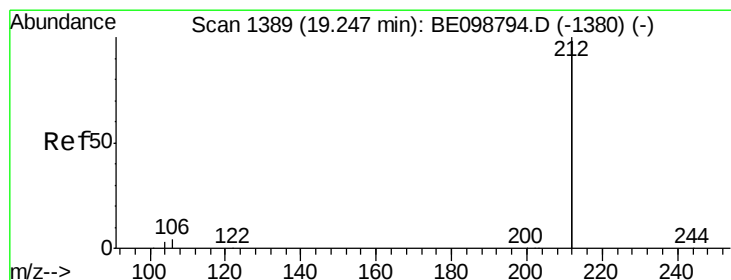
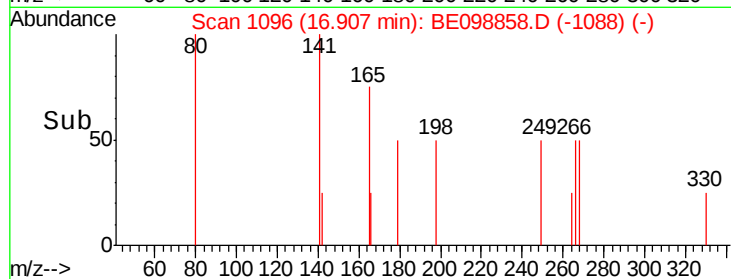
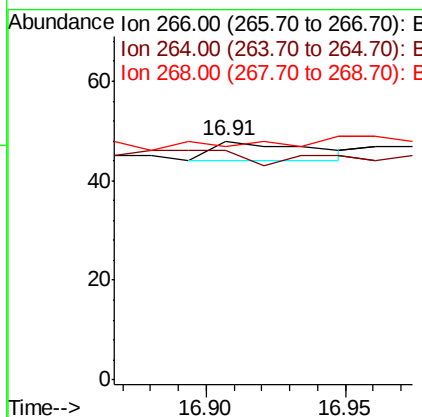
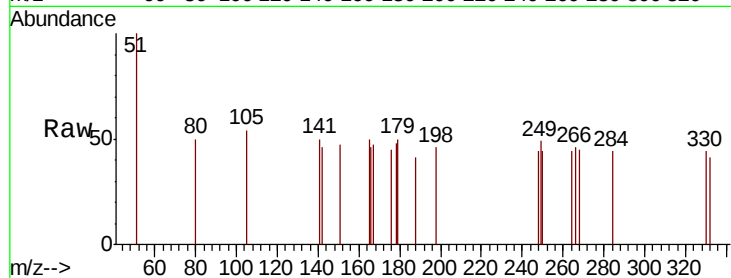




#22
 Pentachlorophenol
 Concen: 0.272 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

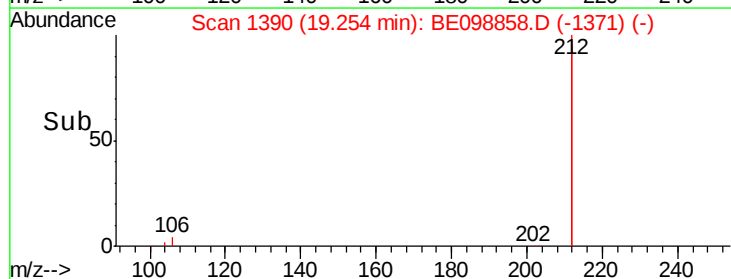
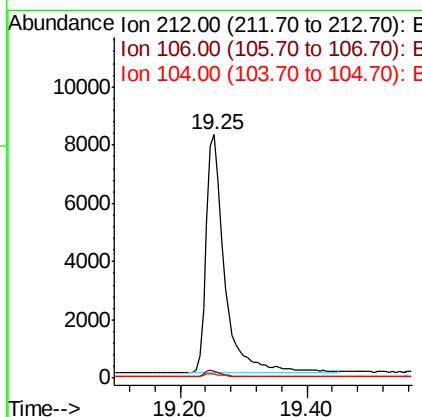
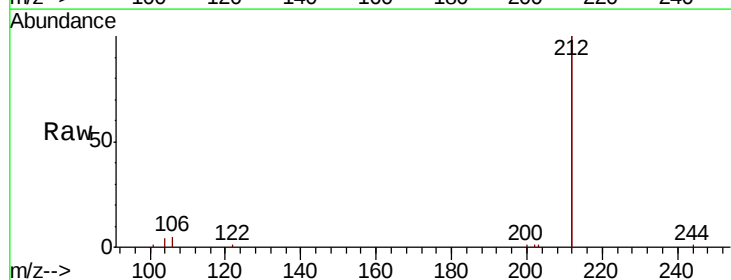
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 95.8 66.6 100.0
 268 97.9 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.171 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Tgt Ion:212 Resp: 16531
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.0 1.6

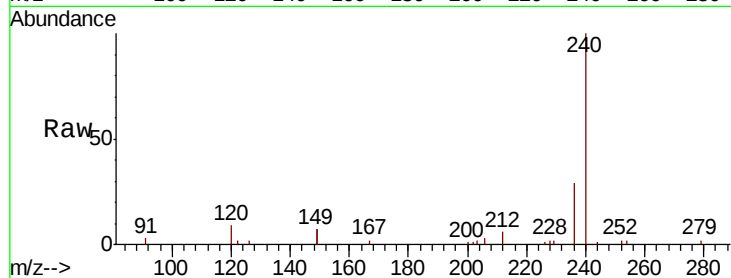




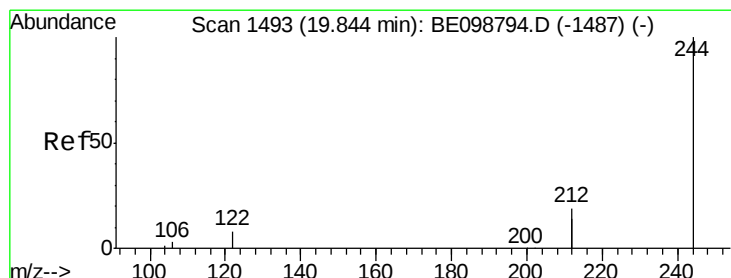
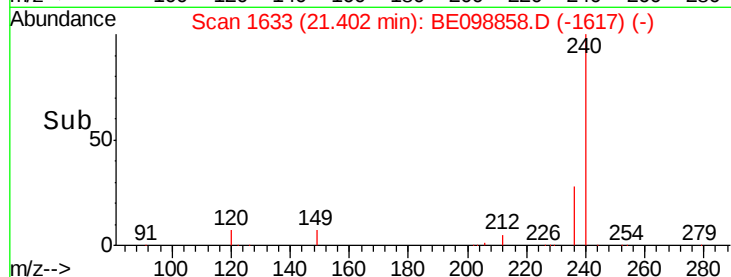
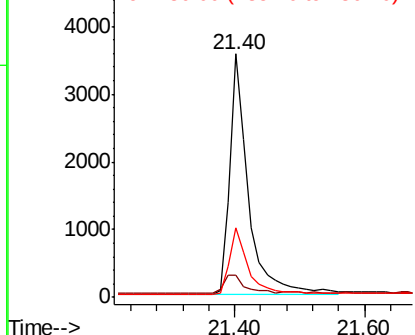
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 7142
 Ion Ratio Lower Upper
 240 100
 120 8.9 5.0 7.4#
 236 28.8 22.7 34.1

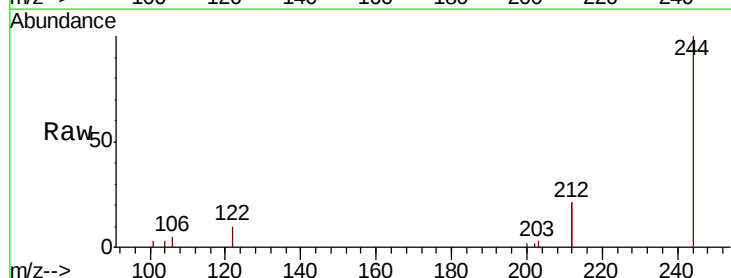


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

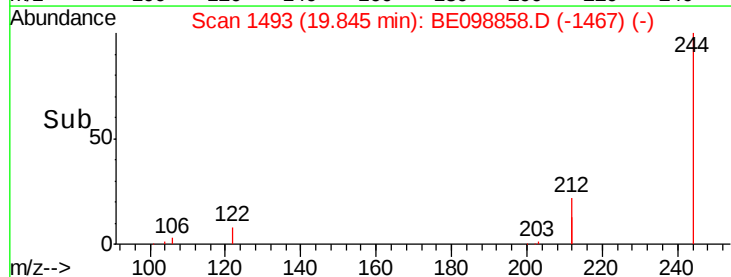
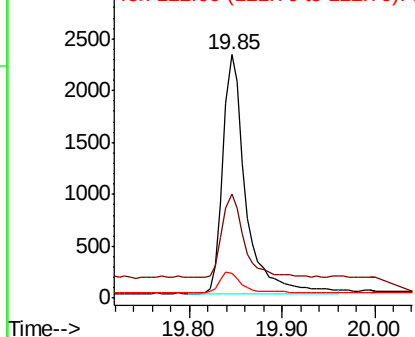


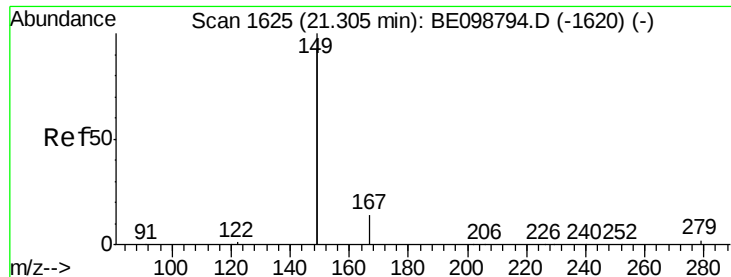
#29
 Terphenyl-d14
 Concen: 0.227 ng
 RT: 19.85 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Tgt Ion:244 Resp: 3937
 Ion Ratio Lower Upper
 244 100
 212 42.7 29.4 44.2
 122 10.4 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

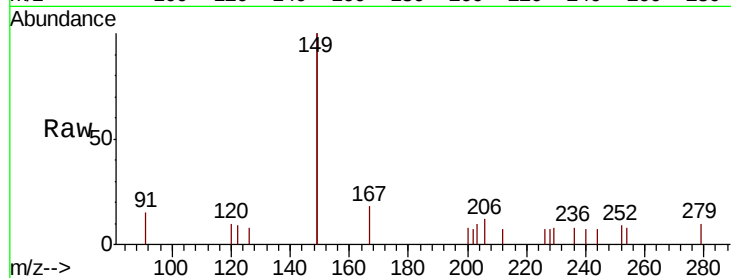




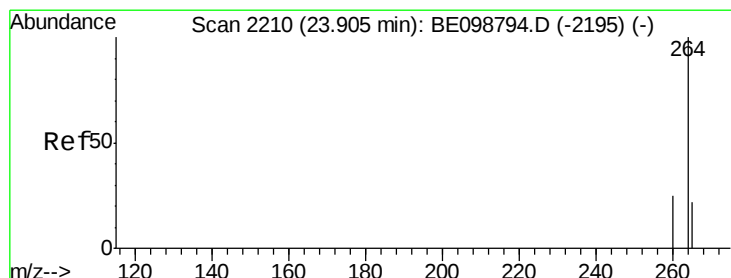
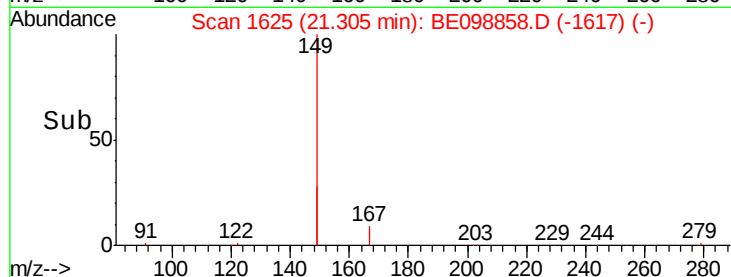
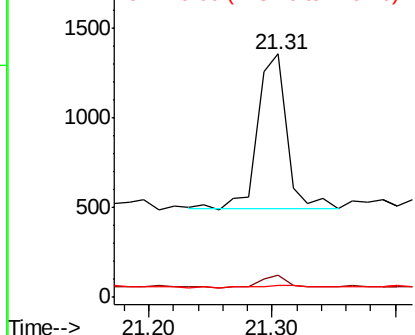
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 1430
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.4 8.0
 279 3.1 1.0 1.4#

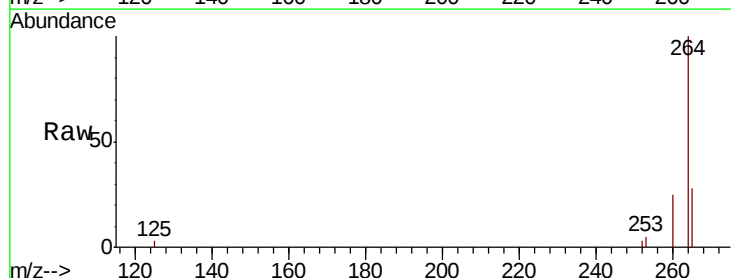


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Tgt Ion:264 Resp: 7118
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.2 31.8
 265 27.8 24.6 36.8



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

