

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
 Data File : BE098899.D
 Acq On : 12 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1839-03DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE109D3-20190307DL

Quant Time: Mar 13 07:59:18 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

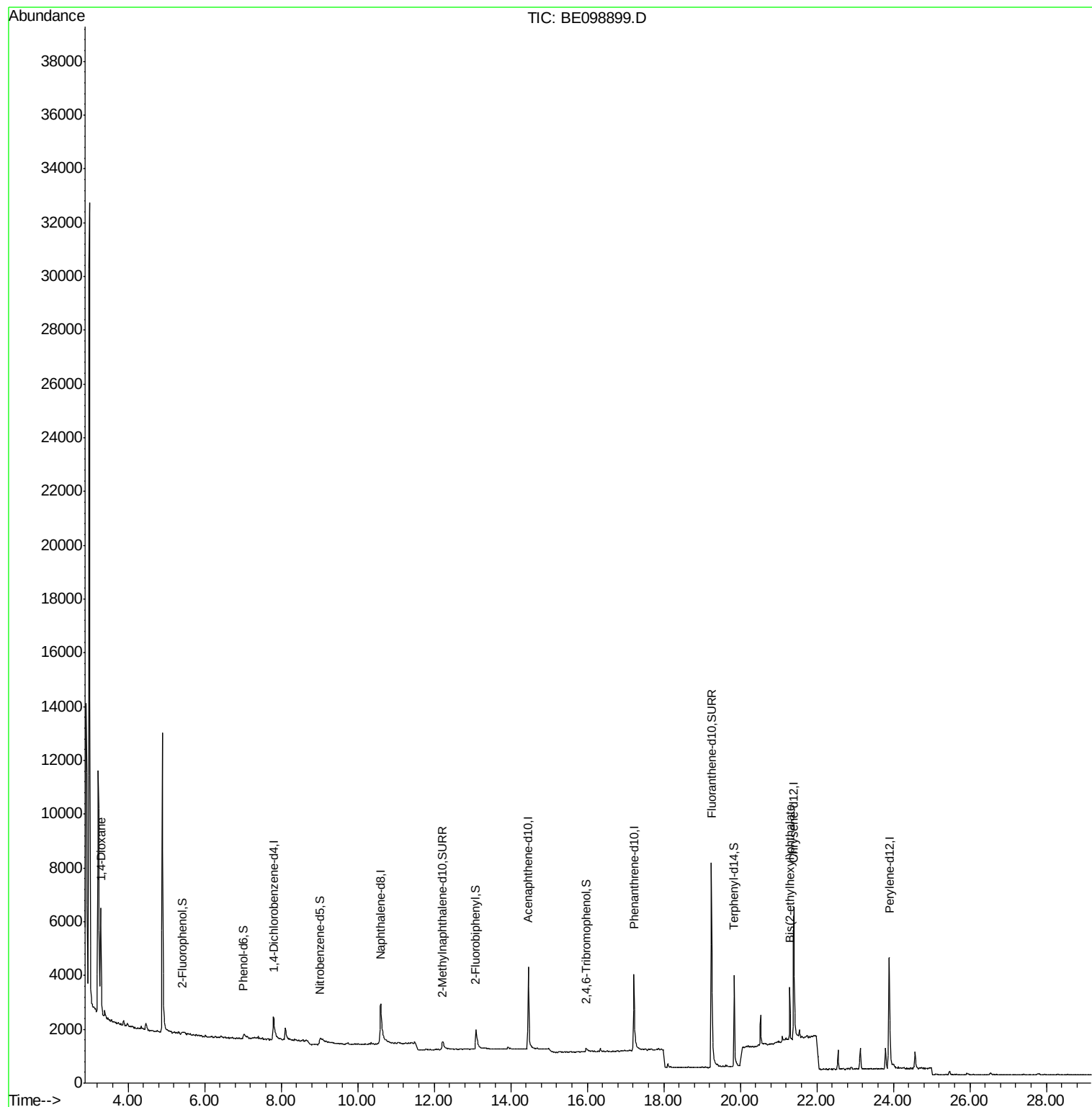
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	740	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3362	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2482	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6192	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7273	0.40	ng	0.00
34) Perylene-d12	23.89	264	7105	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	88	0.04	ng	0.02
5) Phenol-d6	7.01	99	117	0.04	ng	0.02
8) Nitrobenzene-d5	9.02	82	456	0.13	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	943	0.15	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	167	0.13	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	1667	0.16	ng	0.00
25) Fluoranthene-d10	19.25	212	14636	0.15	ng	0.00
29) Terphenyl-d14	19.84	244	3471	0.20	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	2488	2.080	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	2191	0.045	ng	# 99

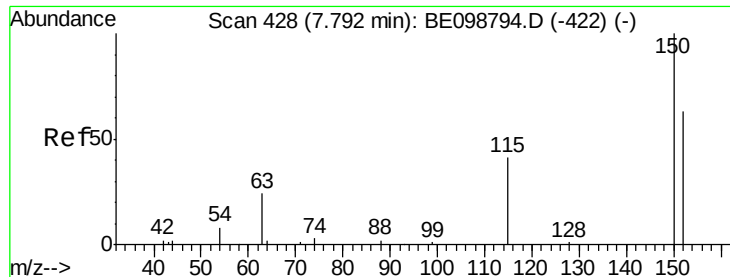
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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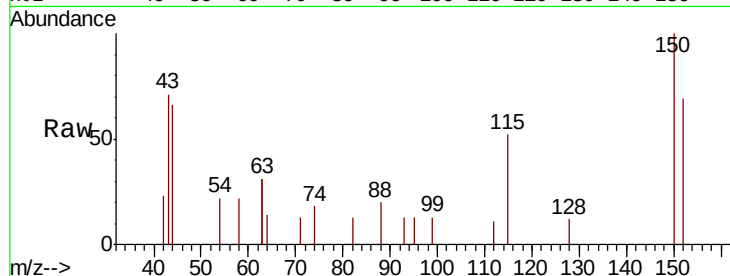


#1

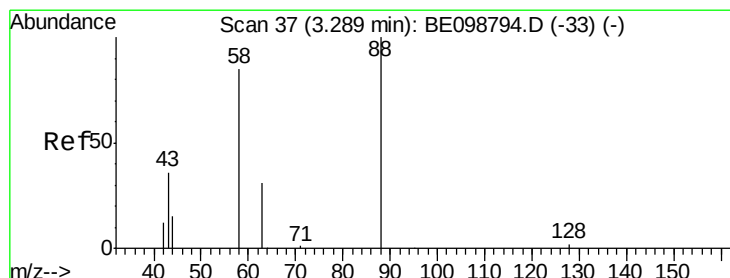
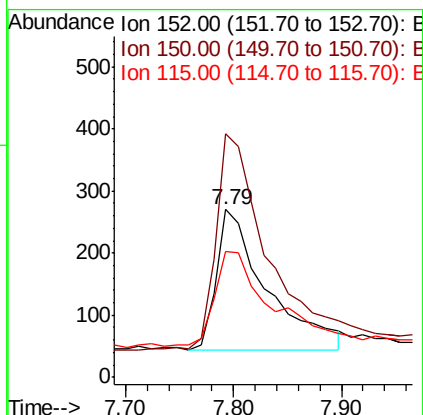
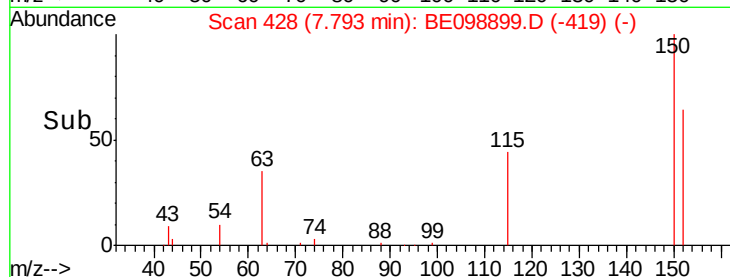
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098899.D
Acq: 12 Mar 2019 15:50

Instrument :
BNA_E
ClientSampleId :
RE109D3-20190307DL

Tot Ion:152 Resp: 740
Ion Ratio Lower Upper
152 100
150 145.2 122.5 183.7
115 75.2 57.4 86.2



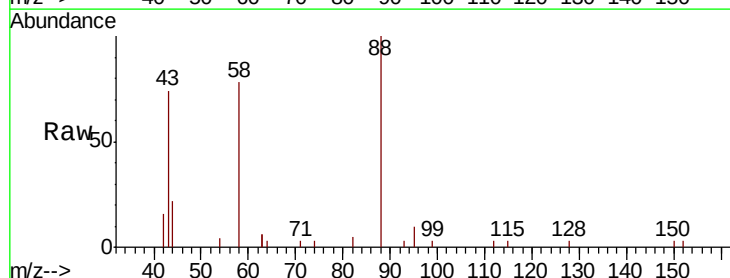
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



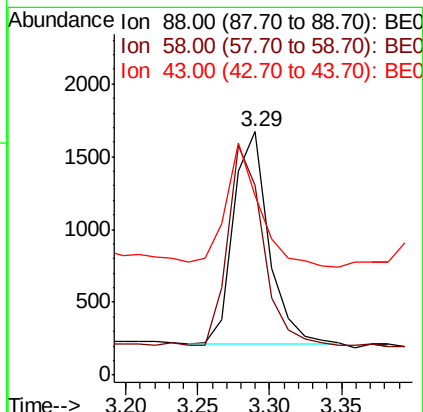
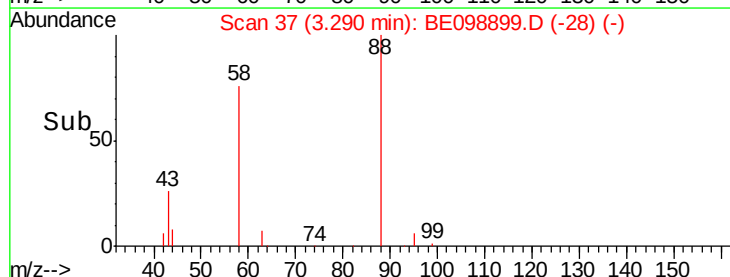
#2

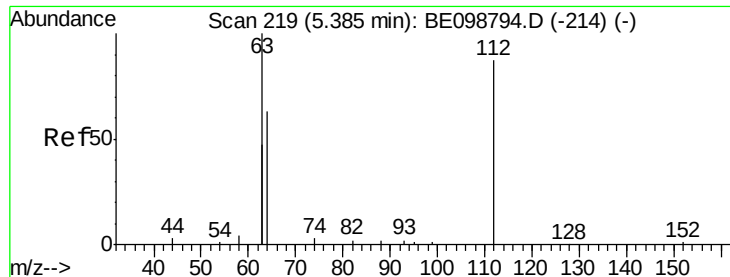
1,4-Dioxane
Concen: 2.080 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098899.D
Acq: 12 Mar 2019 15:50

Tgt Ion: 88 Resp: 2488
Ion Ratio Lower Upper
88 100
58 93.9 75.8 113.6
43 56.2 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: 0.040 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

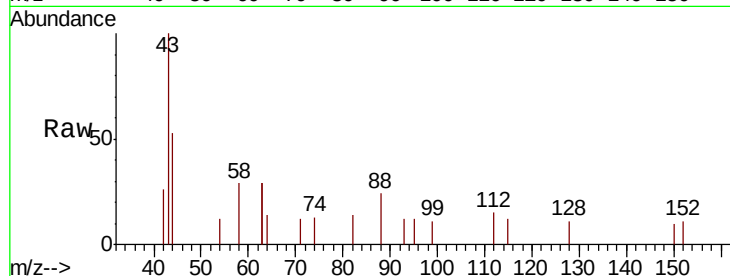
Tot Ion: 112 Resp: 88

Ion Ratio Lower Upper

112 100

64 111.4 57.9 86.9#

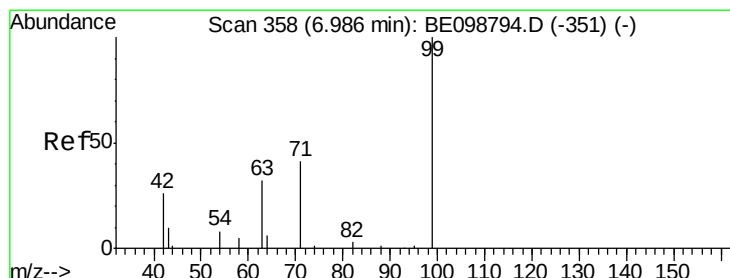
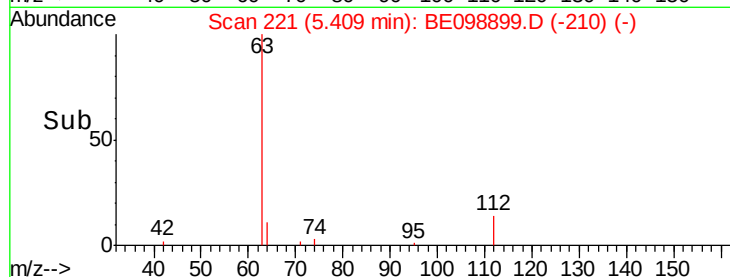
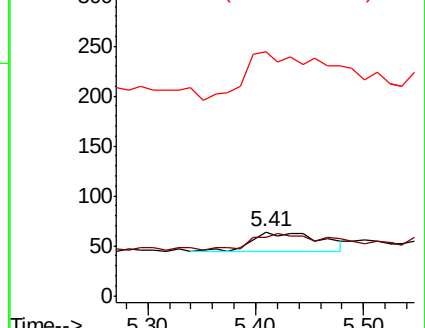
63 361.4 158.3 237.5#



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: 0.037 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

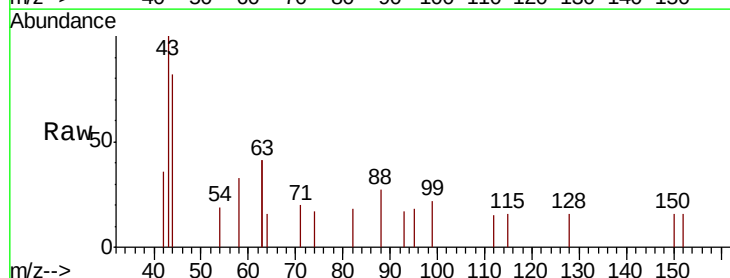
Tgt Ion: 99 Resp: 117

Ion Ratio Lower Upper

99 100

42 33.3 24.2 36.2

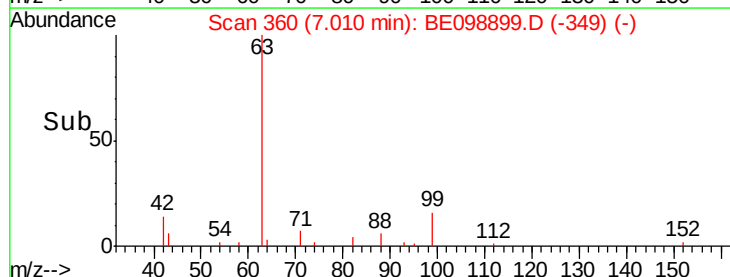
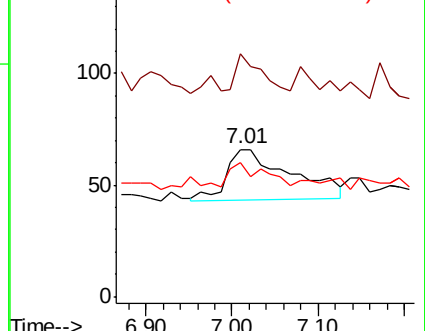
71 25.6 35.7 53.5#

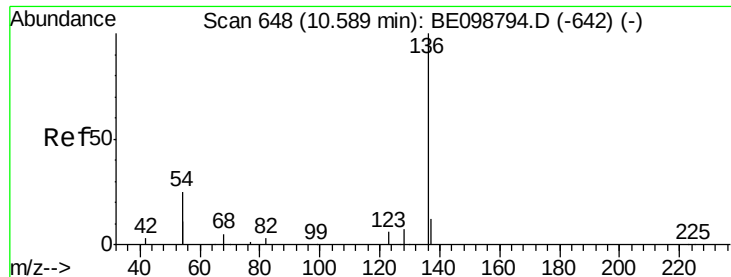


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098899.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

Tot Ion:136 Resp: 3362

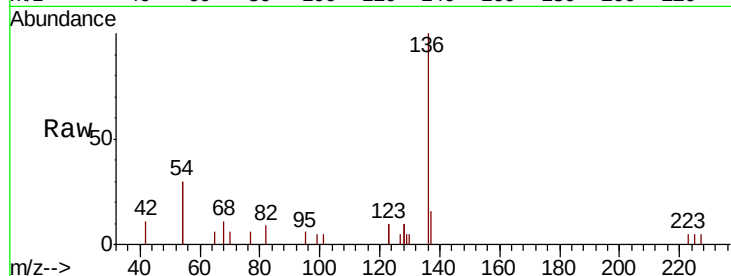
Ion Ratio Lower Upper

136 100

137 15.6 11.4 17.0

54 59.2 39.3 58.9#

68 10.9 6.7 10.1#

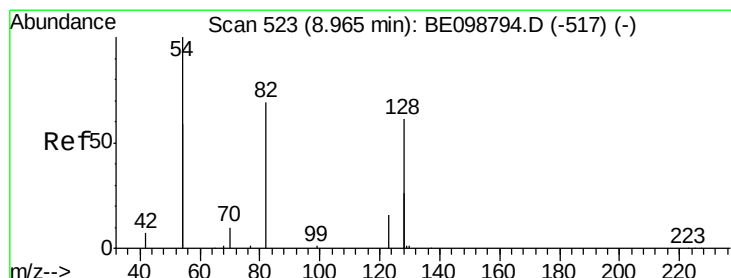
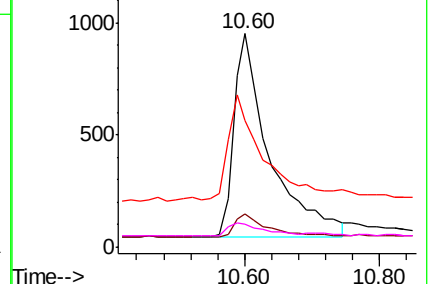
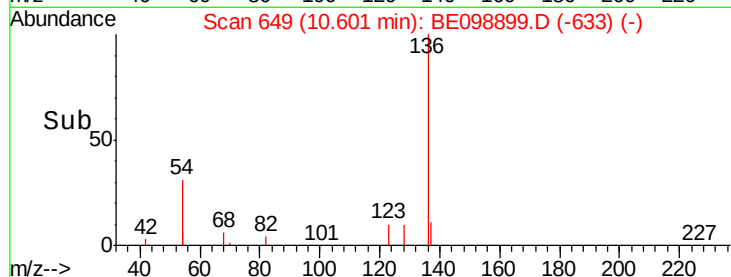


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.129 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

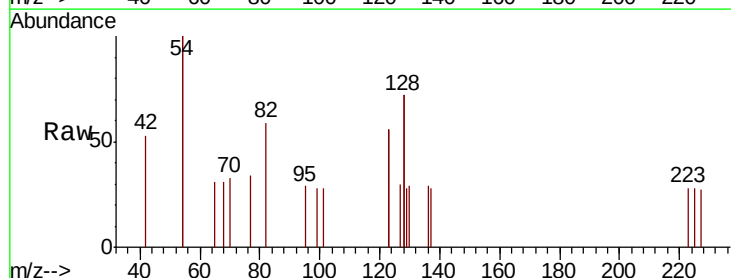
Tgt Ion: 82 Resp: 456

Ion Ratio Lower Upper

82 100

128 246.3 123.8 185.8#

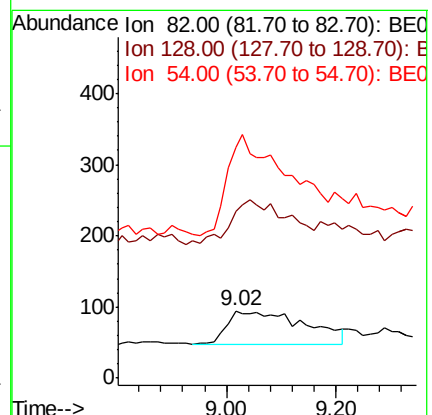
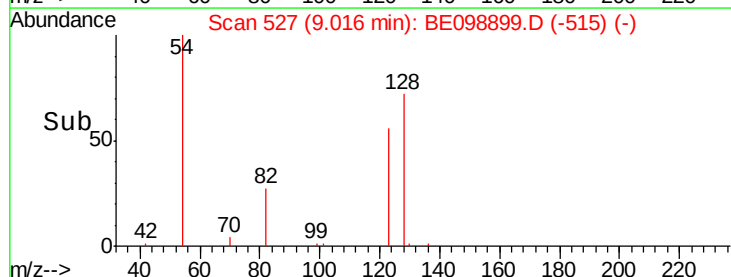
54 341.1 203.4 305.2#

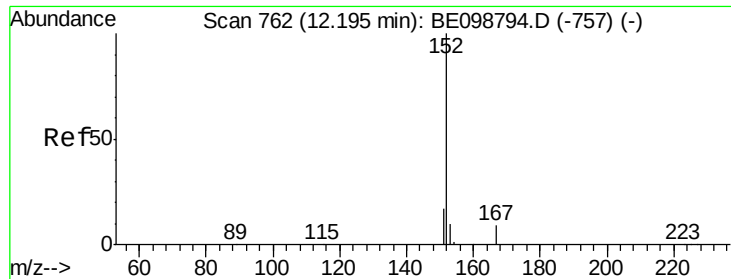


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

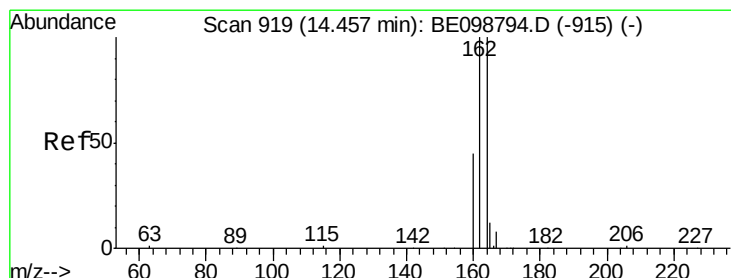
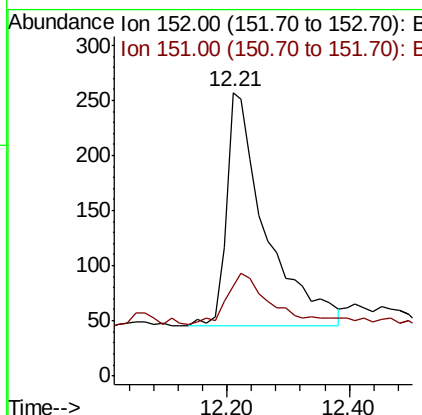
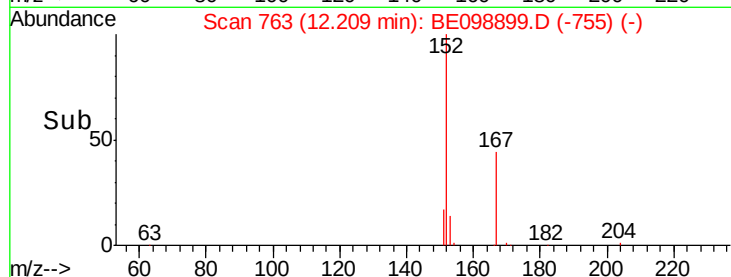
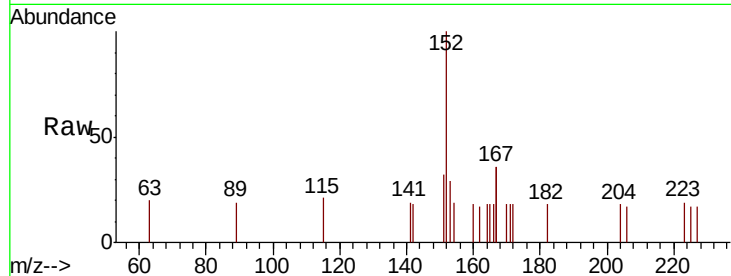




#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098899.D
Acq: 12 Mar 2019 15:50

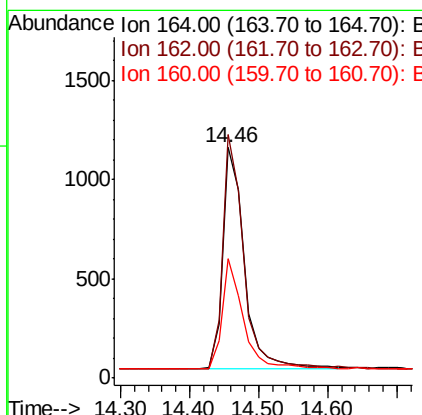
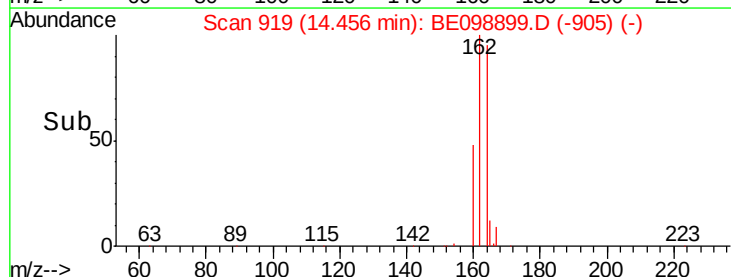
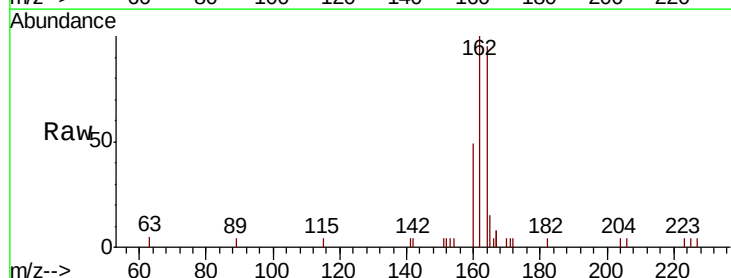
Instrument :
BNA_E
ClientSampleId :
RE109D3-20190307DL

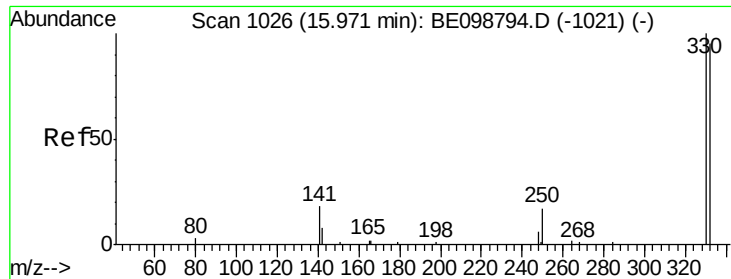
Tot Ion:152 Resp: 943
Ion Ratio Lower Upper
152 100
151 26.1 16.5 24.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098899.D
Acq: 12 Mar 2019 15:50

Tgt Ion:164 Resp: 2482
Ion Ratio Lower Upper
164 100
162 105.7 80.2 120.2
160 52.1 37.8 56.8

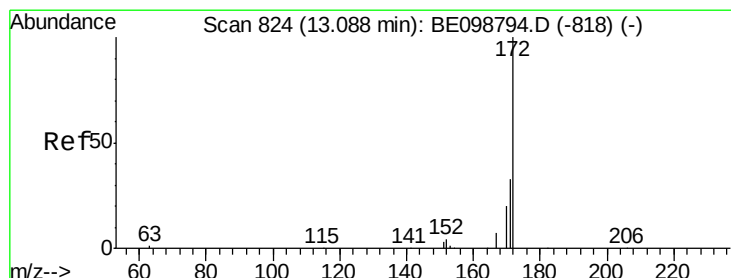
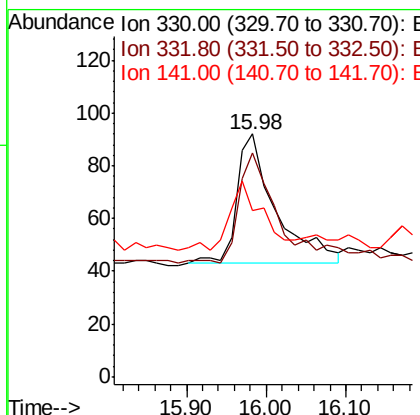
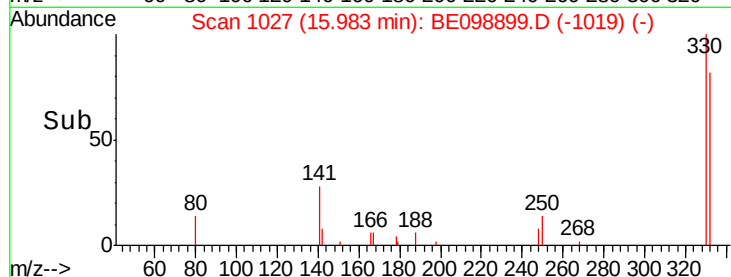
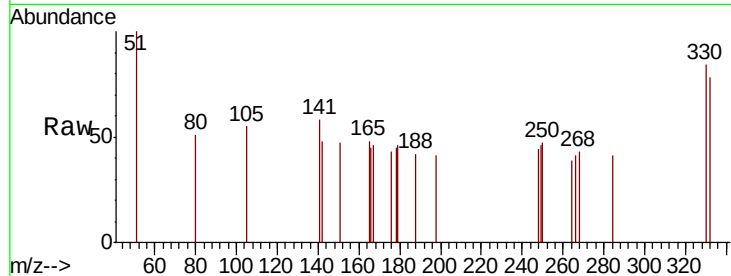




#14
 2,4,6-Tribromophenol
 Concen: 0.133 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098899.D
 Acq: 12 Mar 2019 15:50

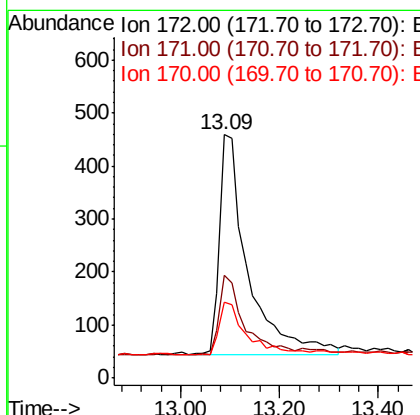
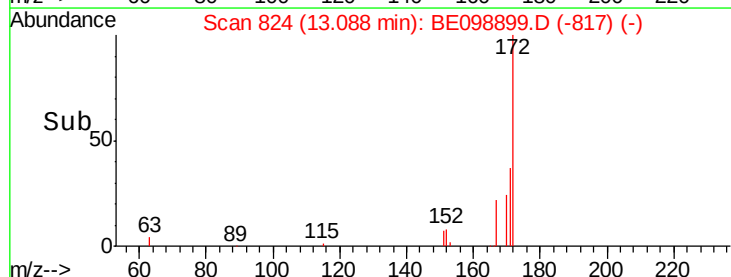
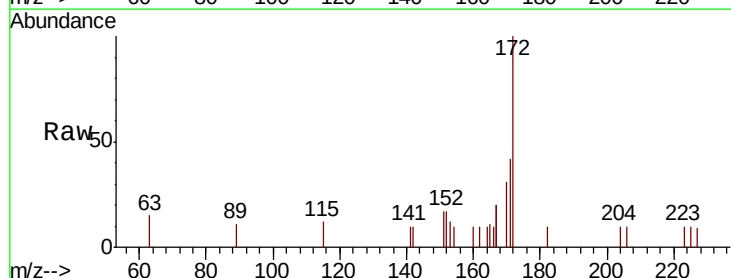
Instrument :
 BNA_E
 ClientSampleId :
 RE109D3-20190307DL

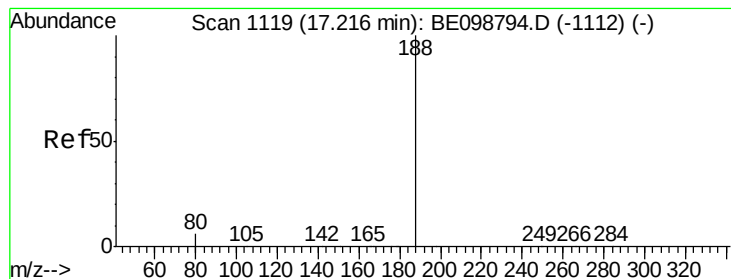
Tot Ion:330 Resp: 167
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.6 116.4
 141 40.7 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.162 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098899.D
 Acq: 12 Mar 2019 15:50

Tgt Ion:172 Resp: 1667
 Ion Ratio Lower Upper
 172 100
 171 42.5 28.0 42.0#
 170 31.2 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: BE098899.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

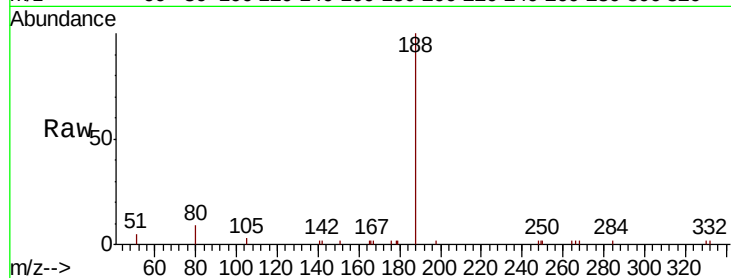
Tot Ion:188 Resp: 6192

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

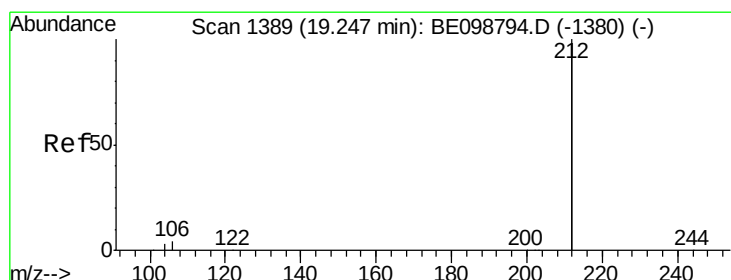
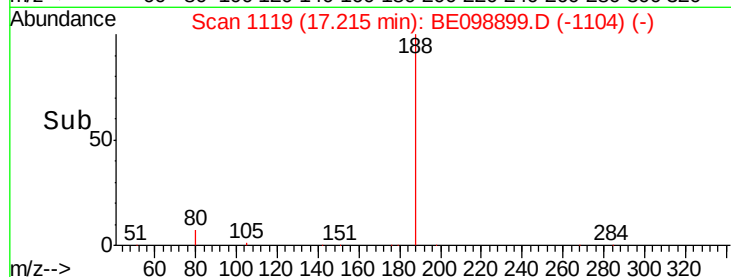
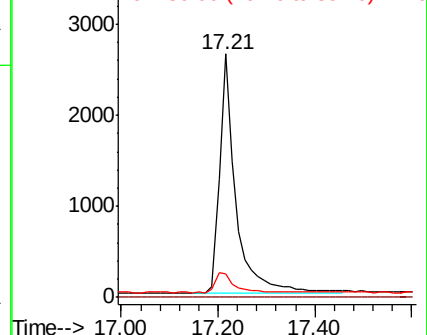
80 9.4 6.3 9.5



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: 0.148 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

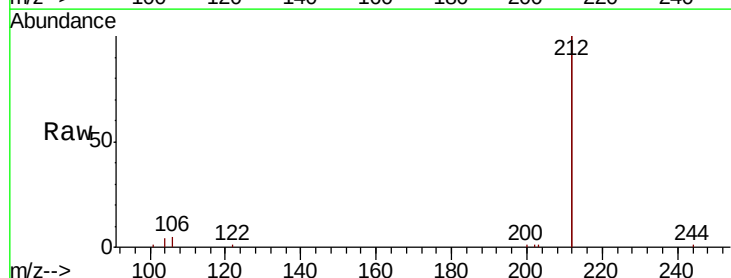
Tgt Ion:212 Resp: 14636

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

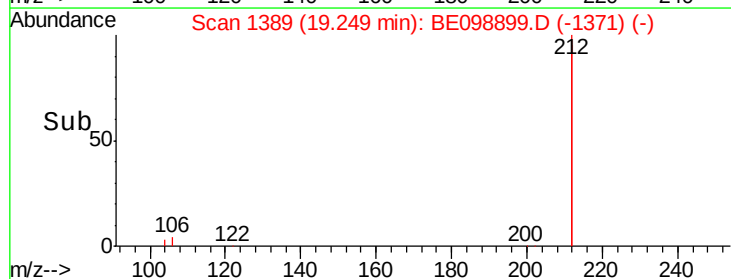
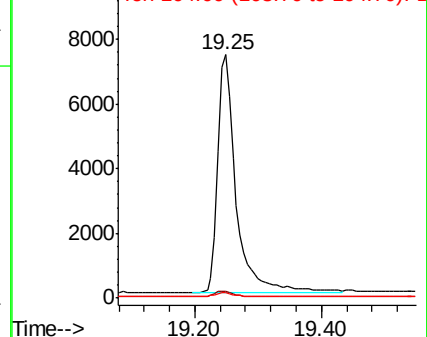
104 1.4 1.0 1.6

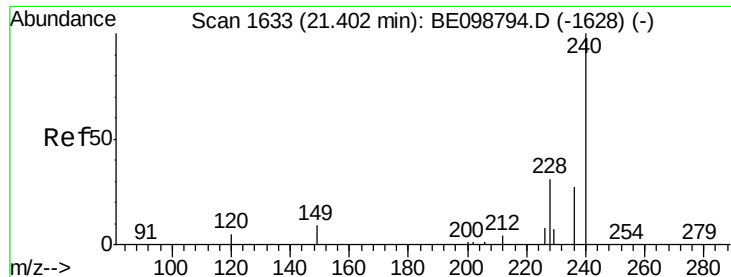


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

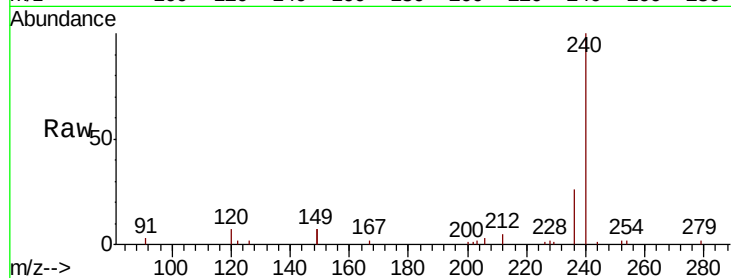




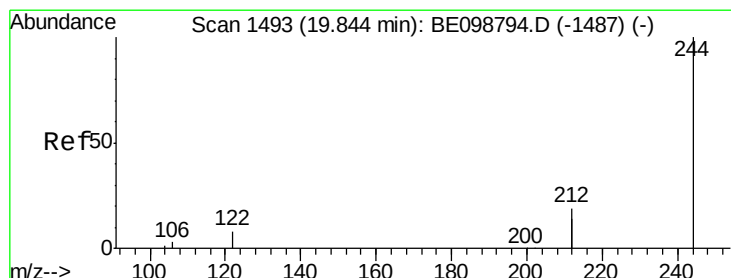
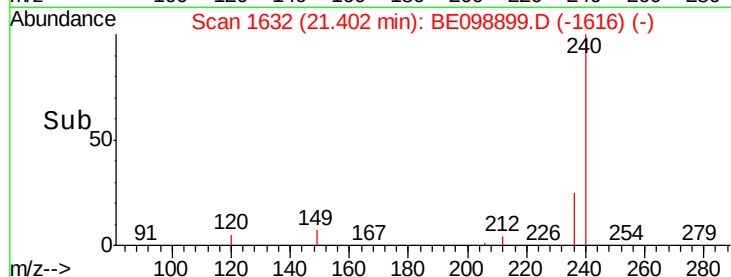
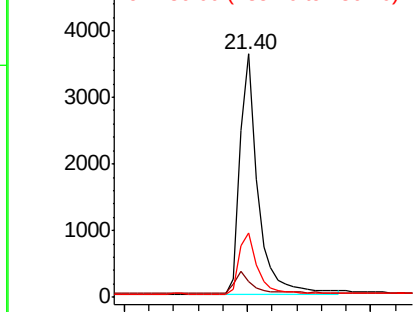
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE098899.D
 Acq: 12 Mar 2019 15:50

Instrument :
 BNA_E
 ClientSampleId :
 RE109D3-20190307DL

Tot Ion:240 Resp: 7273
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.0 7.4
 236 26.4 22.7 34.1

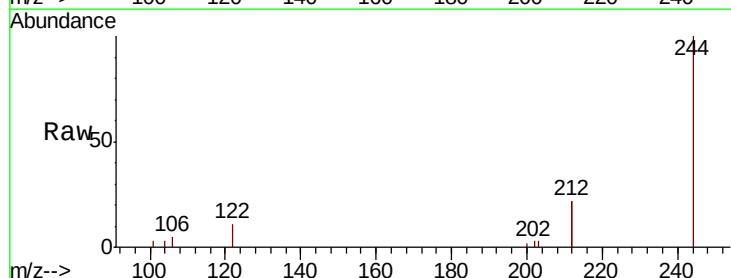


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

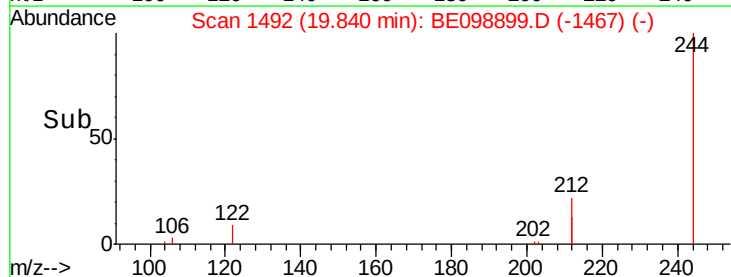
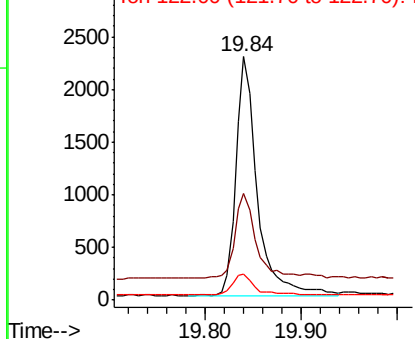


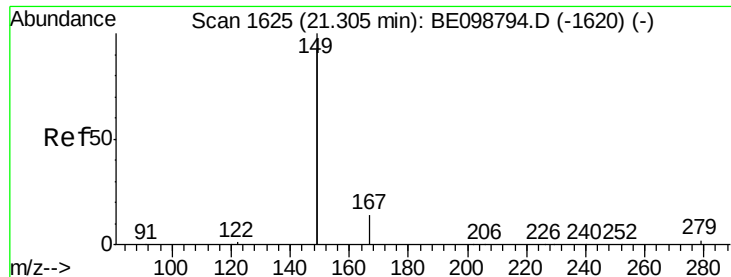
#29
 Terphenyl-d14
 Concen: 0.196 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098899.D
 Acq: 12 Mar 2019 15:50

Tgt Ion:244 Resp: 3471
 Ion Ratio Lower Upper
 244 100
 212 43.8 29.4 44.2
 122 10.7 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: 0.045 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

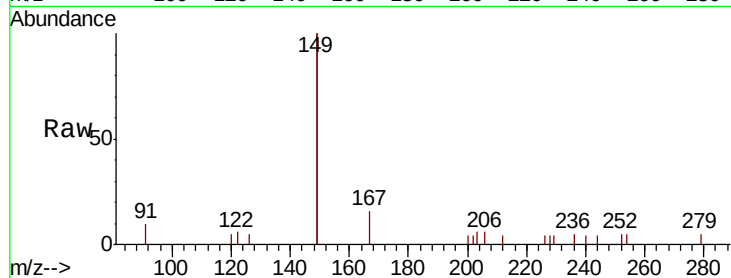
Tot Ion:149 Resp: 2191

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

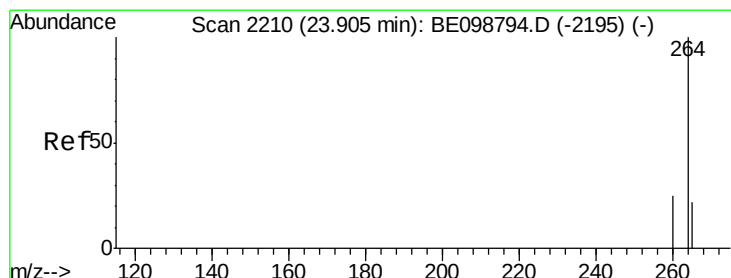
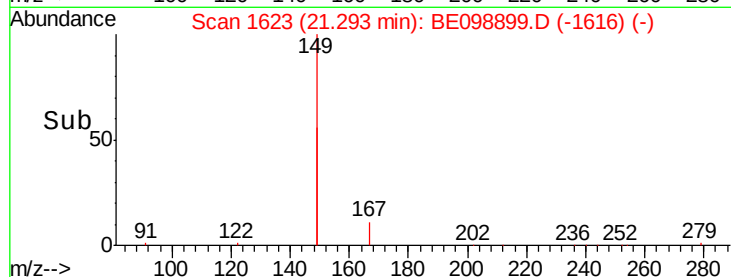
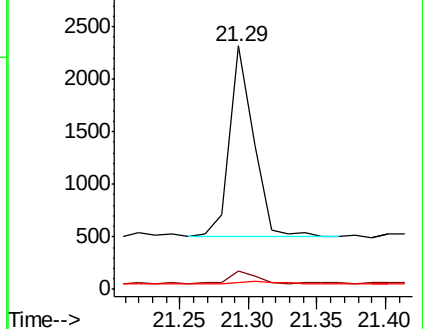
279 2.1 1.0 1.4#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

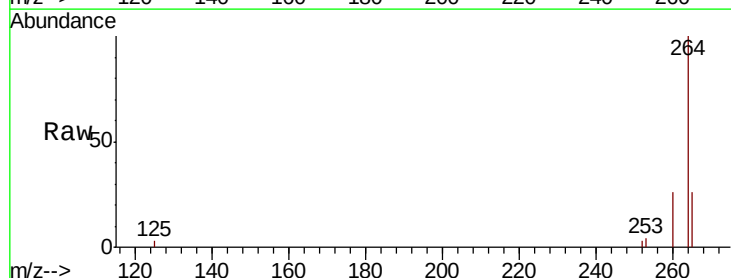
Tgt Ion:264 Resp: 7105

Ion Ratio Lower Upper

264 100

260 26.3 21.2 31.8

265 26.4 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

