

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 07:45:22 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

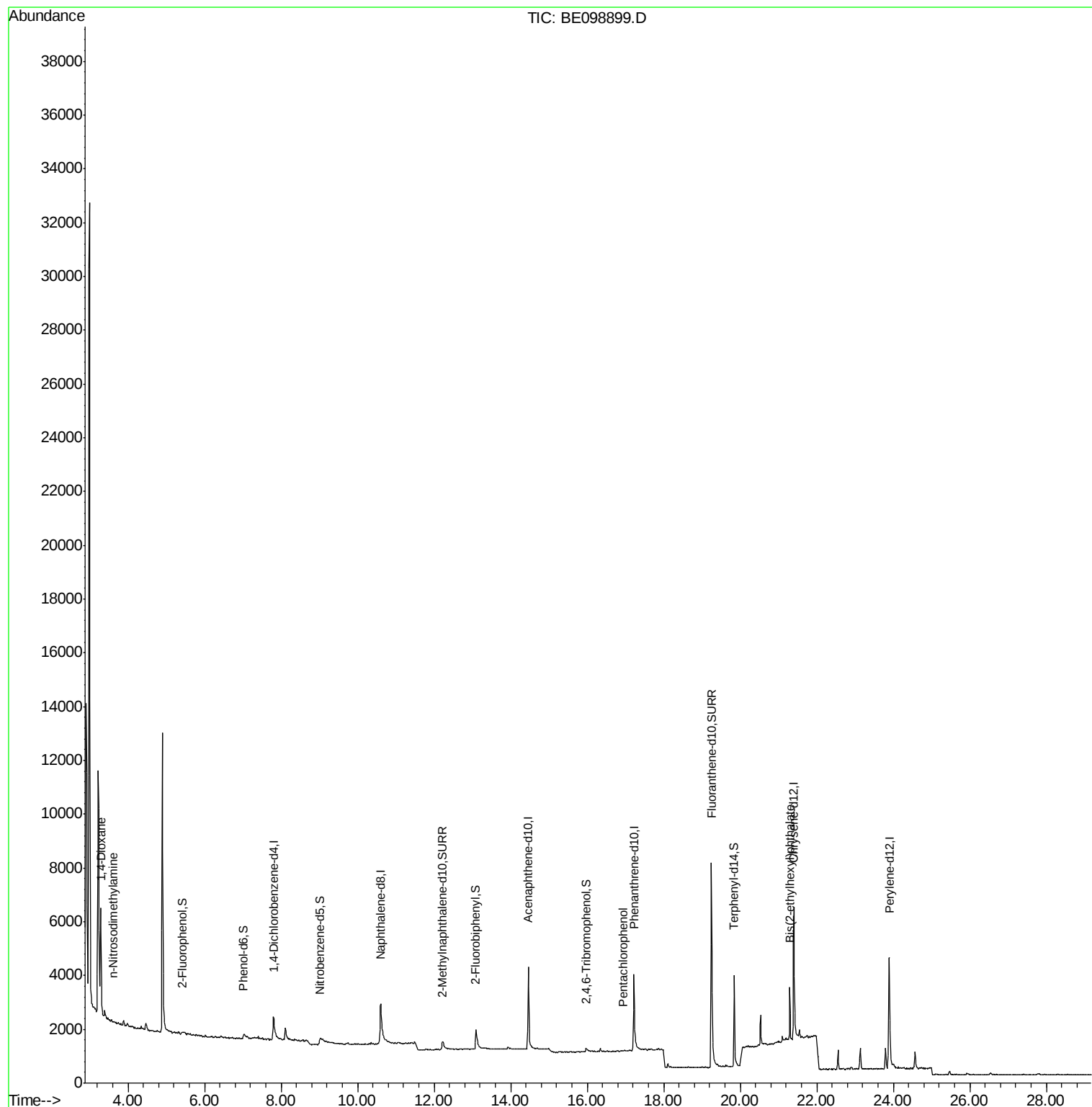
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	740	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3362	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2482	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6192	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7273	0.40	ng	0.00
34) 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
3) n-Nitrosodimethylamine	3.61	42	59	0.032	ng	# 14
22) Pentachlorophenol	16.93	266	10	0.272	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	2191	0.045	ng	# 99

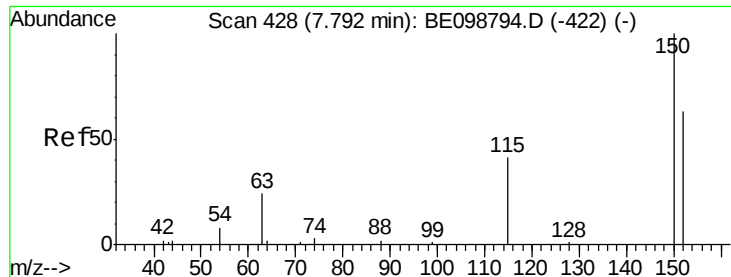
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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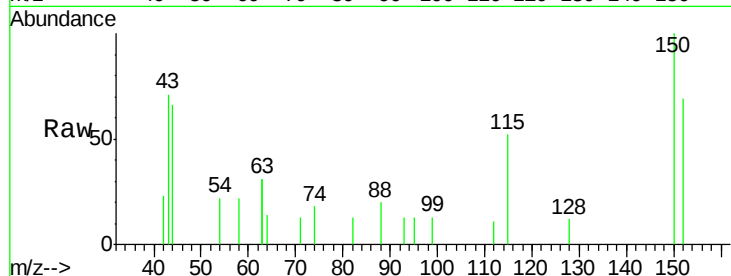


#1

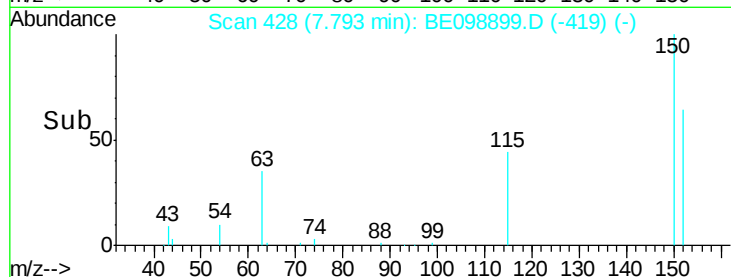
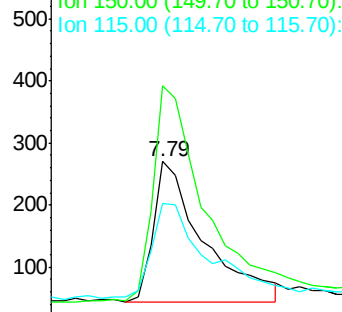
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098899.D
Acq: 12 Mar 2019 15:50

Instrument :
BNA_E
ClientSampleId :
RE109D3-20190307DL

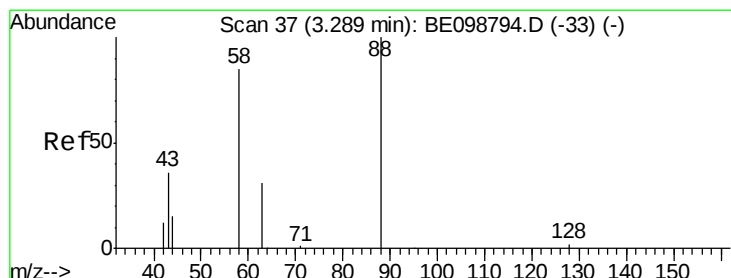
Tgt Ion: 152 Resp: 740
Ion Ratio Lower Upper
152 100
150 145.2 122.5 183.7
115 75.2 57.4 86.2



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



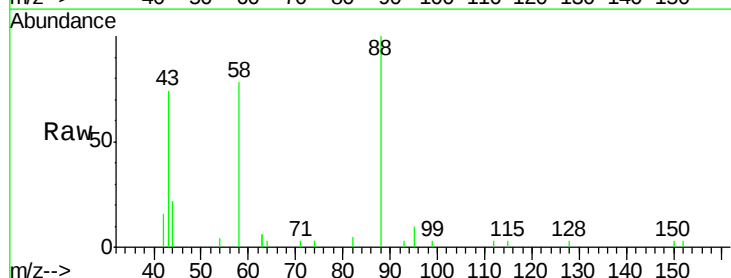
Time-->



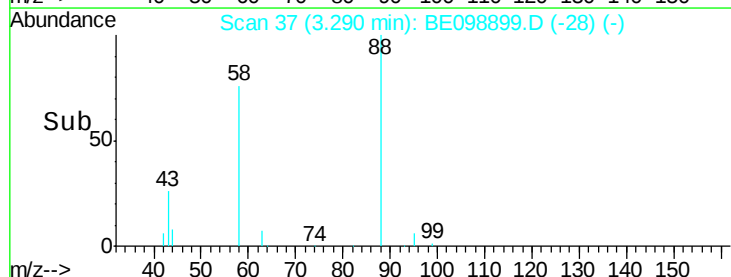
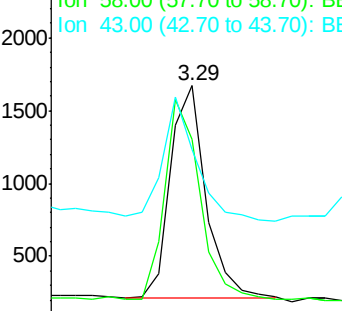
#2

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





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

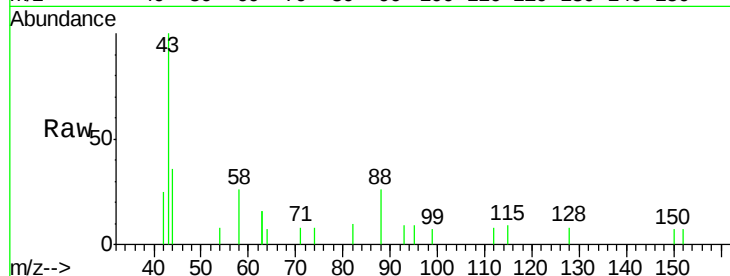
Tgt Ion: 42 Resp: 59

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

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

300

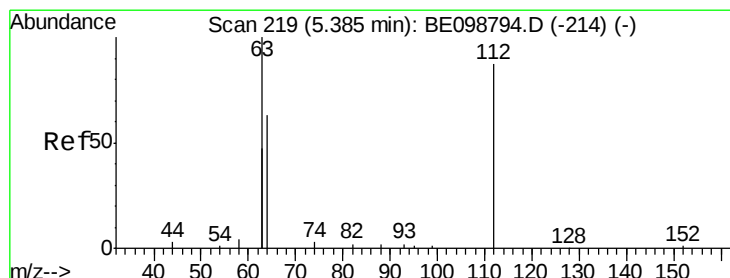
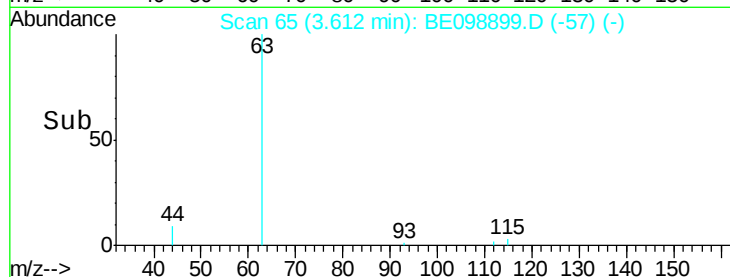
200

100

0

3.55 3.60 3.65 3.70

Time-->



#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

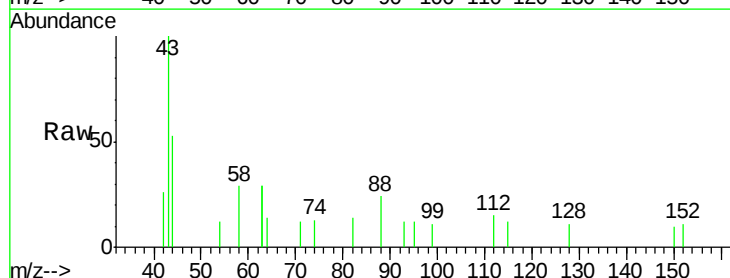
Tgt Ion: 112 Resp: 88

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): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

300

250

200

150

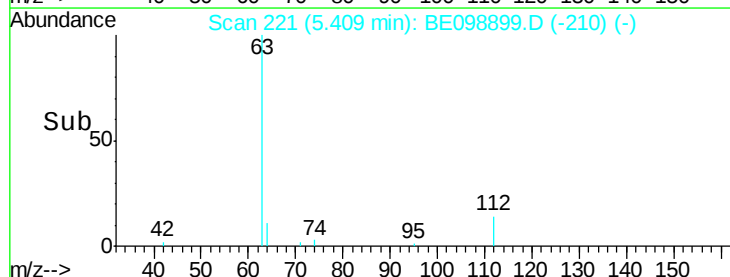
100

50

0

5.30 5.40 5.50

Time-->





#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

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

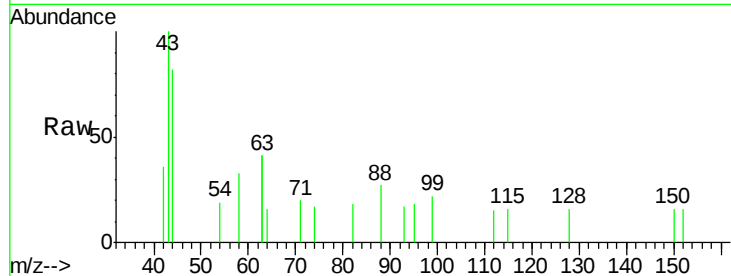
Tgt Ion: 99 Resp: 117

Ion Ratio Lower Upper

99 100

42 33.3 24.2 36.2

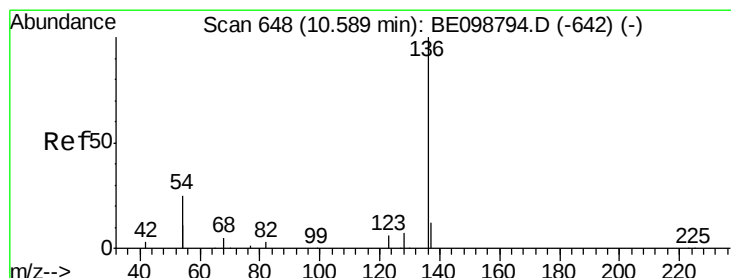
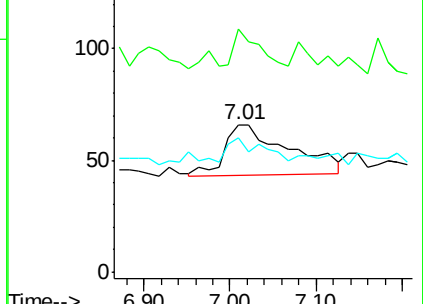
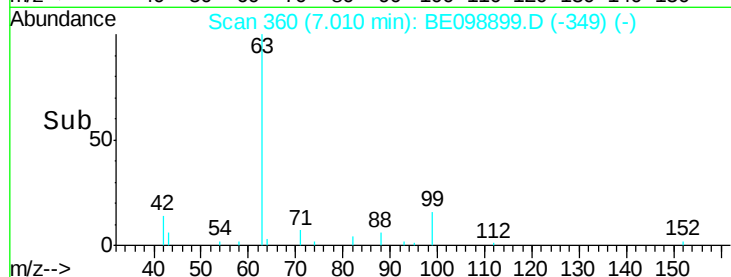
71 25.6 35.7 53.5#



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

Tgt Ion: 136 Resp: 3362

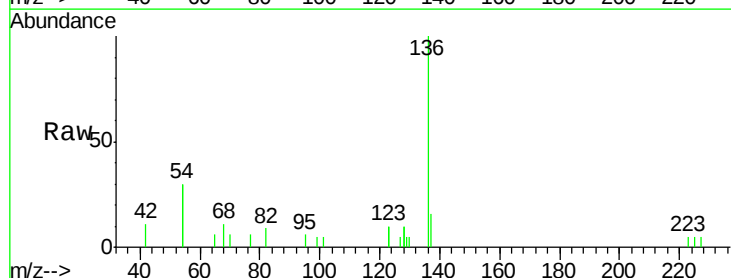
Ion Ratio Lower Upper

136 100

137 15.6 11.4 17.0

54 59.2 39.3 58.9#

68 10.9 6.7 10.1#

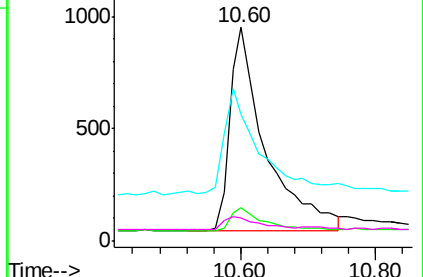
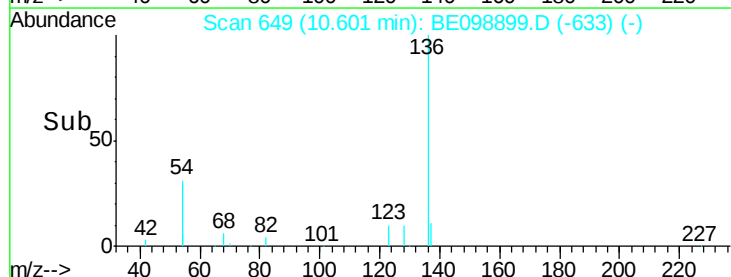


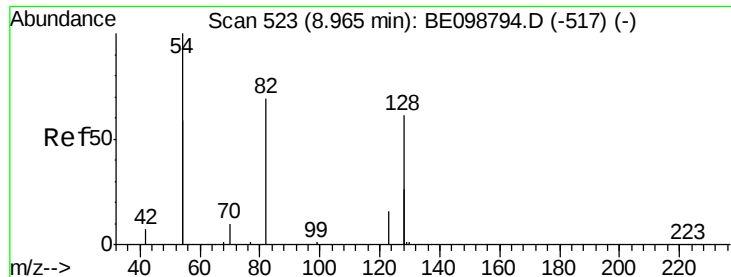
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

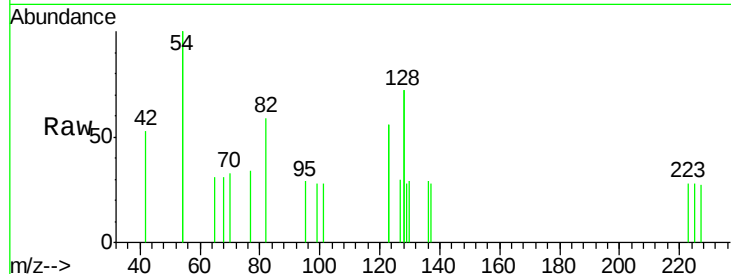
Tgt Ion: 82 Resp: 456

Ion Ratio Lower Upper

82 100

128 246.3 123.8 185.8#

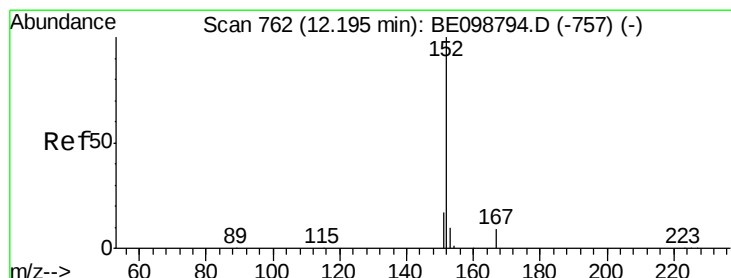
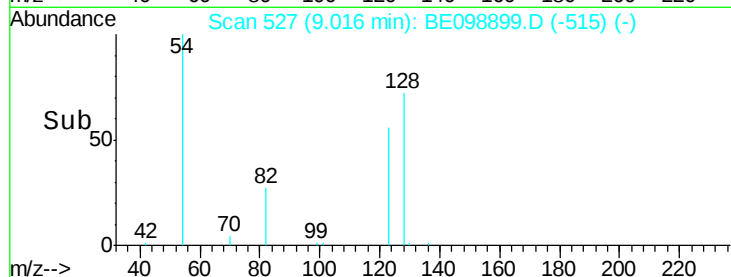
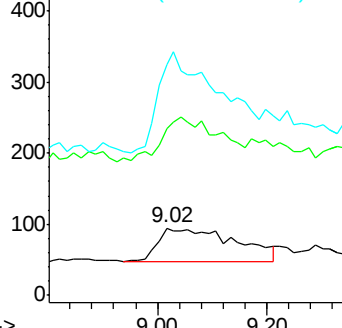
54 341.1 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

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

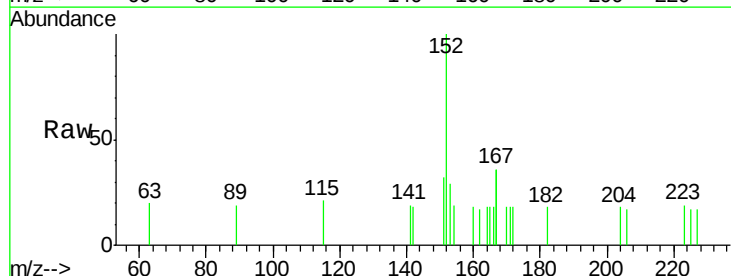
Acq: 12 Mar 2019 15:50

Tgt Ion: 152 Resp: 943

Ion Ratio Lower Upper

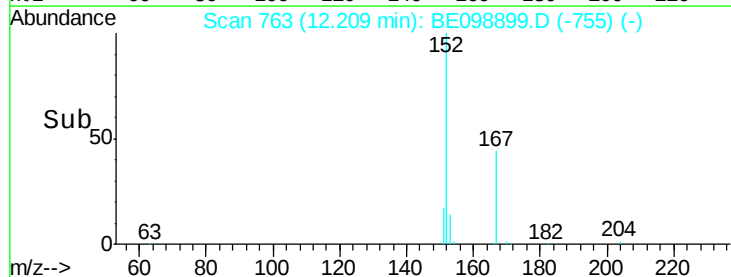
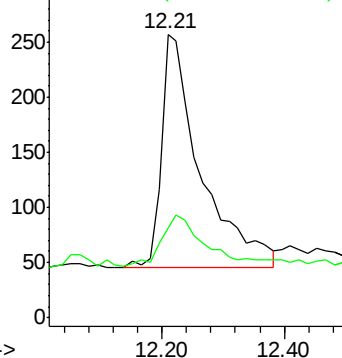
152 100

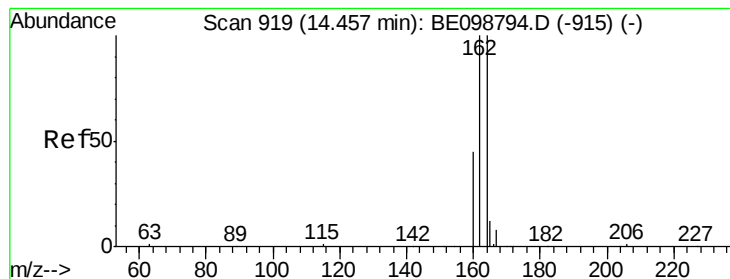
151 26.1 16.5 24.7#



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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

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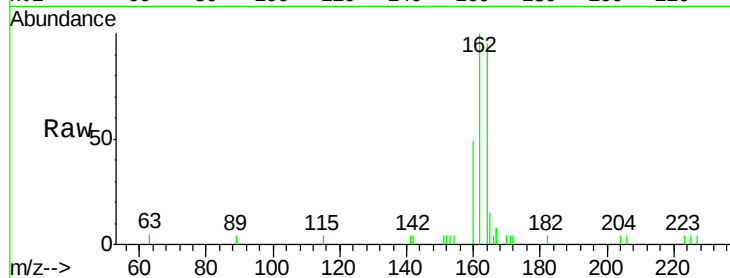
Tgt Ion:164 Resp: 2482

Ion Ratio Lower Upper

164 100

162 105.7 80.2 120.2

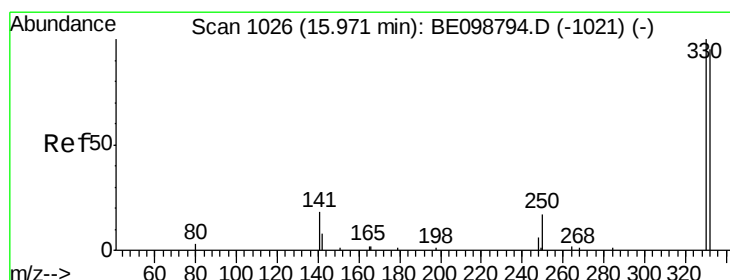
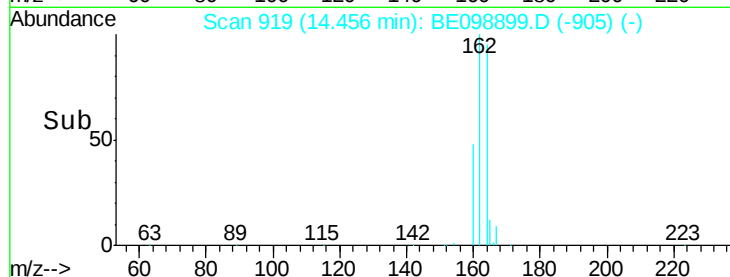
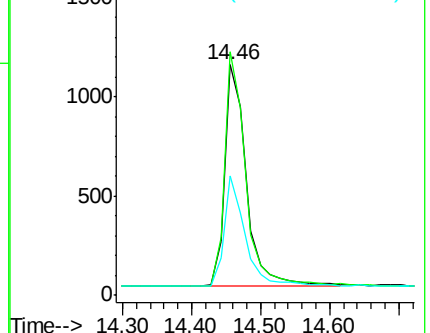
160 52.1 37.8 56.8



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: 0.133 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

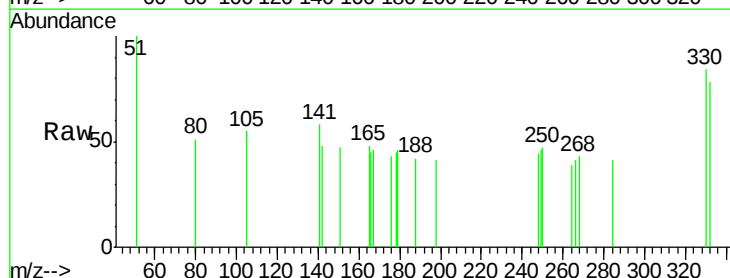
Tgt Ion:330 Resp: 167

Ion Ratio Lower Upper

330 100

332 98.2 77.6 116.4

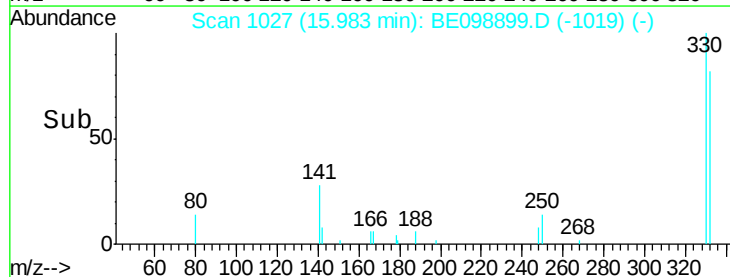
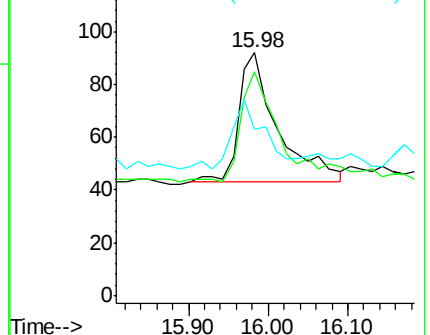
141 40.7 31.0 46.4

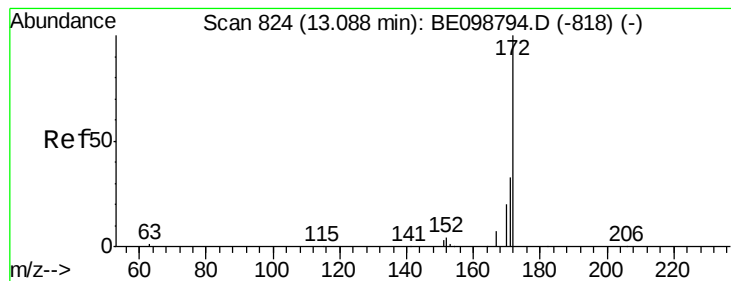


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

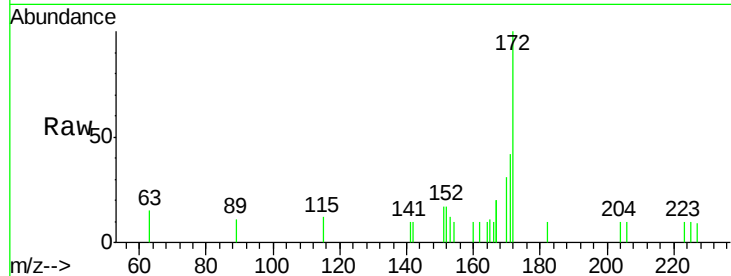




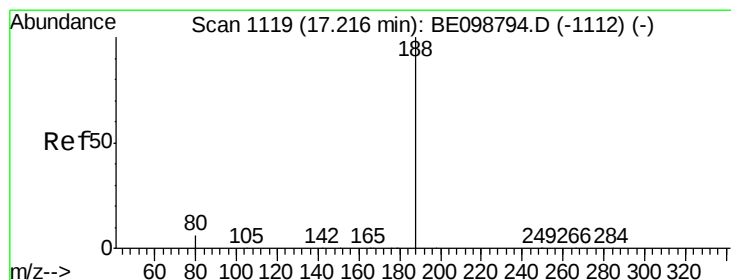
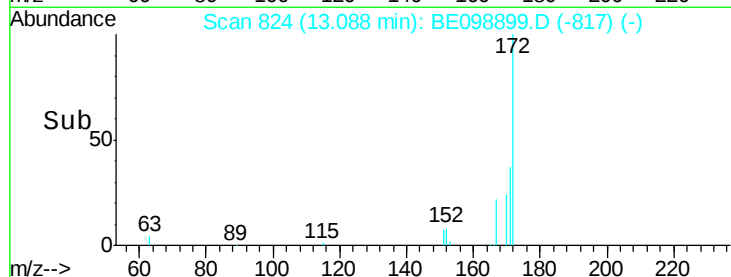
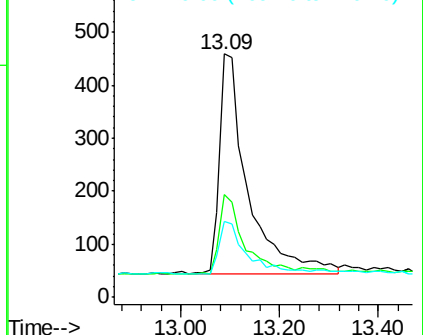
#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098899.D
Acq: 12 Mar 2019 15:50

Instrument :
BNA_E
ClientSampleId :
RE109D3-20190307DL

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#

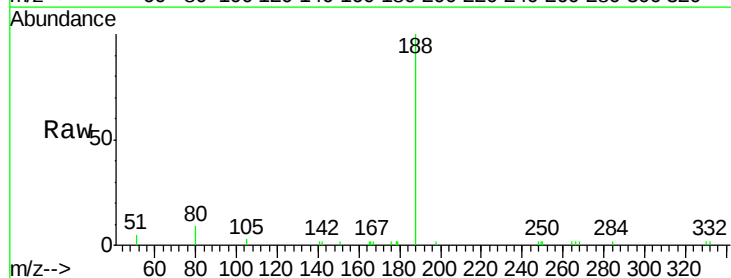


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

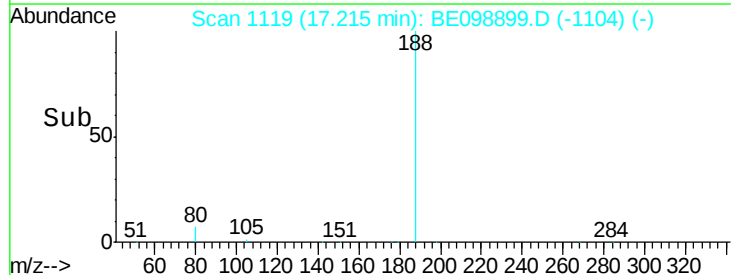
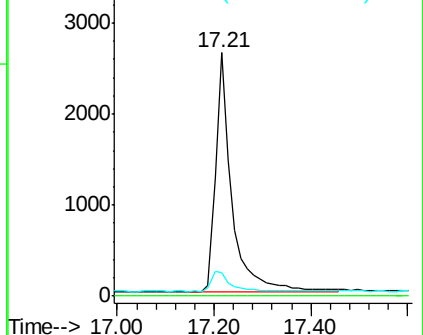


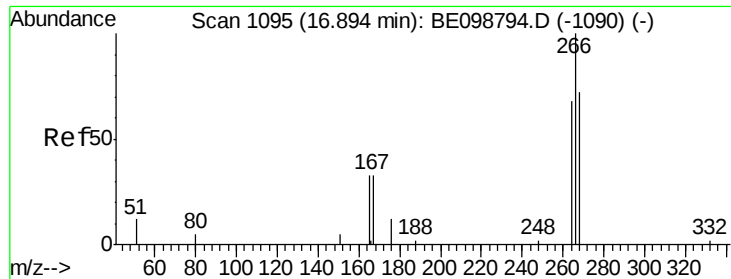
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098899.D
Acq: 12 Mar 2019 15:50

Tgt 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





#22

Pentachlorophenol

Concen: 0.272 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_E

ClientSampleId :

RE109D3-20190307DL

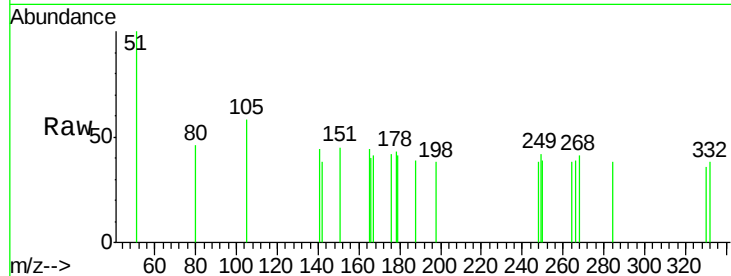
Tgt Ion: 266 Resp: 10

Ion Ratio Lower Upper

266 100

264 97.9 66.6 100.0

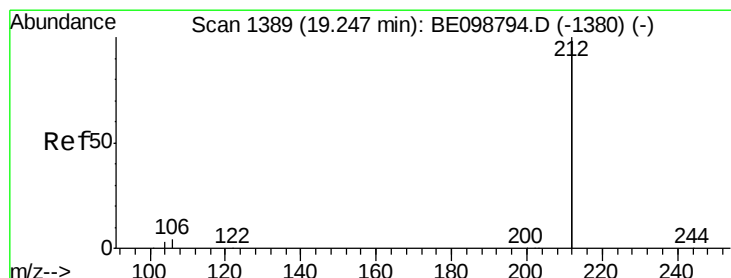
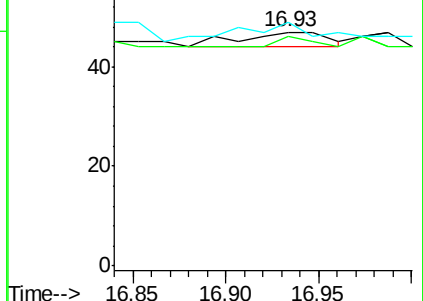
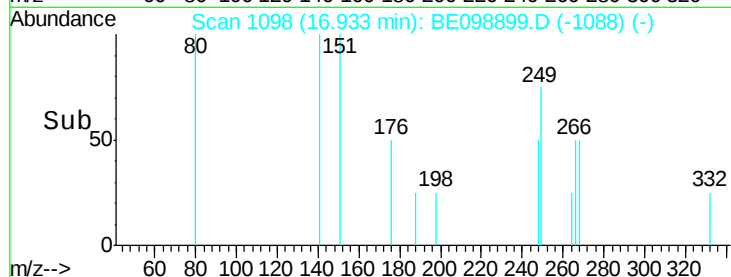
268 104.3 69.8 104.8



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: 0.148 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098899.D

Acq: 12 Mar 2019 15:50

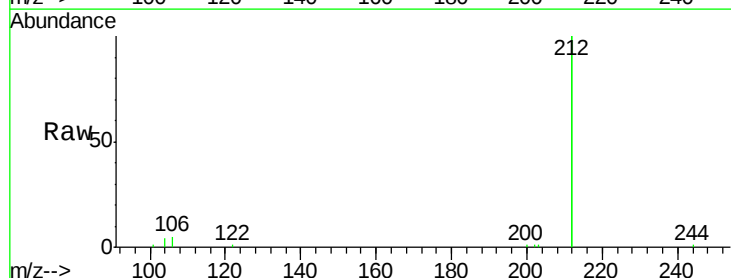
Tgt Ion: 212 Resp: 14636

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

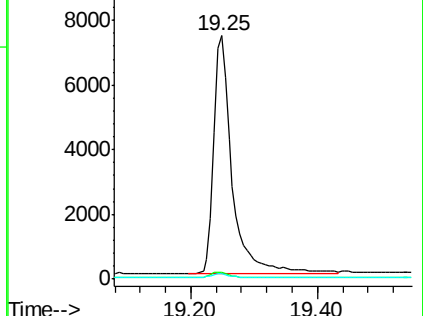
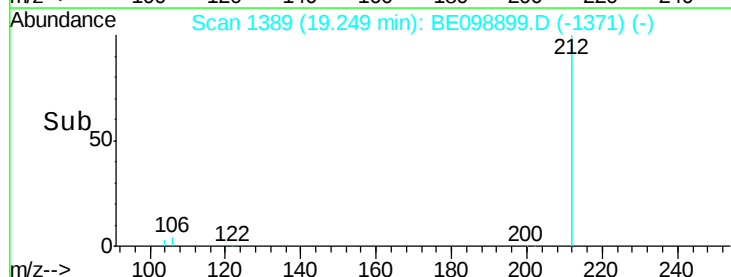
104 1.4 1.0 1.6



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

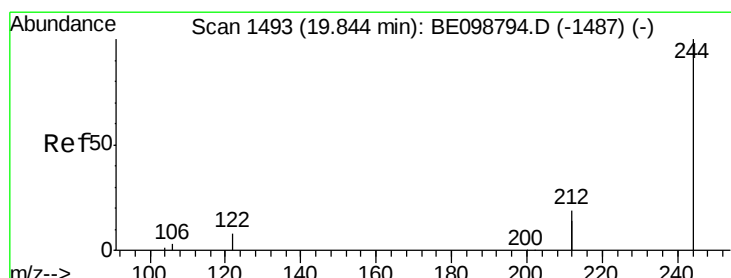
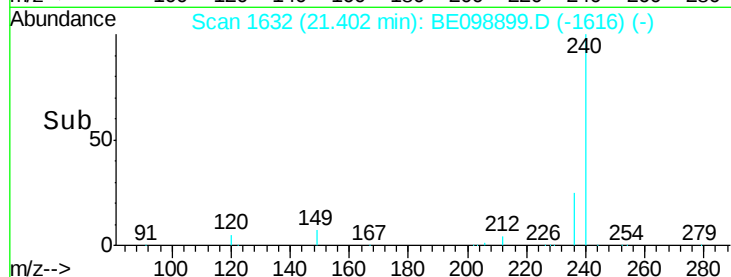
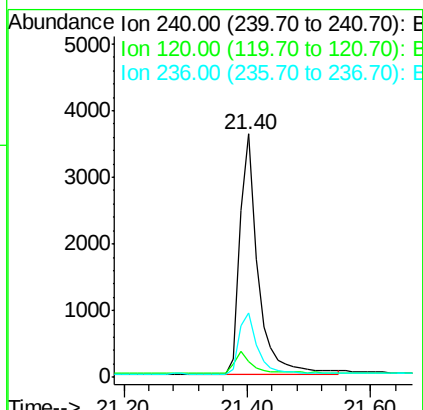
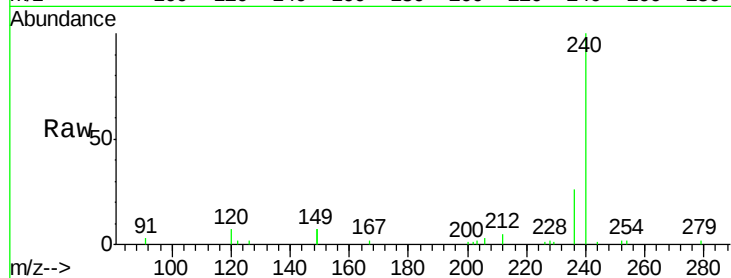




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE098899.D
 Acq: 12 Mar 2019 15:50

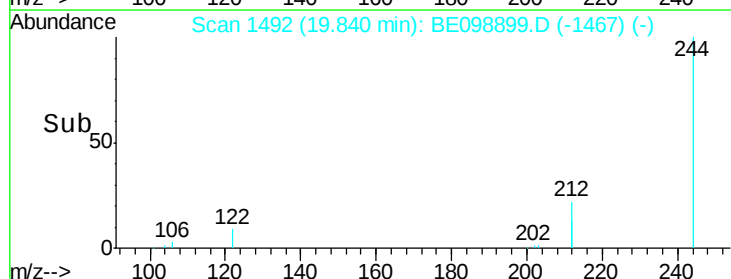
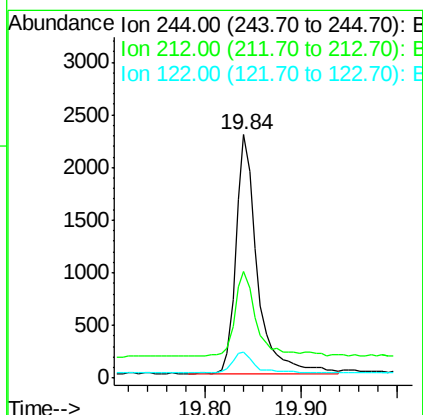
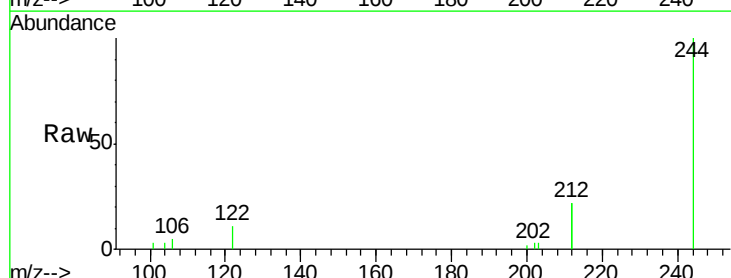
Instrument :
 BNA_E
 ClientSampleId :
 RE109D3-20190307DL

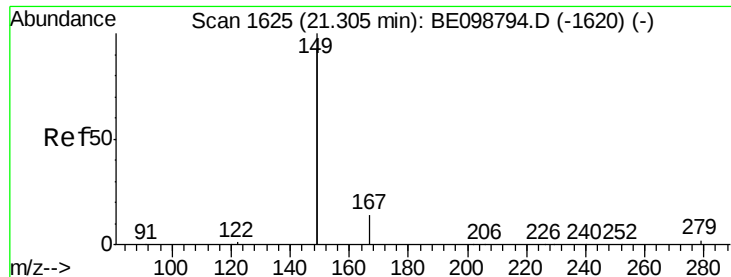
Tgt Ion:240 Resp: 7273
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.0 7.4
 236 26.4 22.7 34.1



#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#





#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

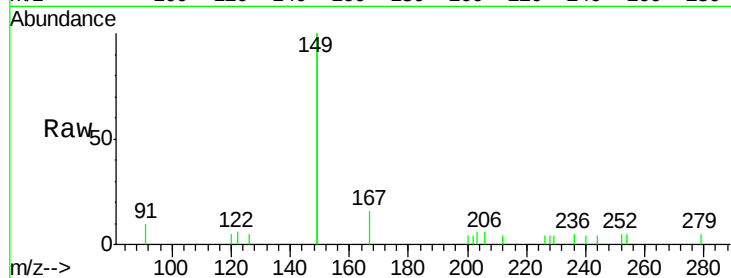
Tgt Ion:149 Resp: 2191

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

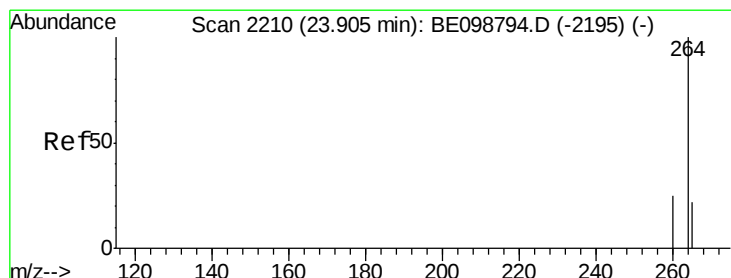
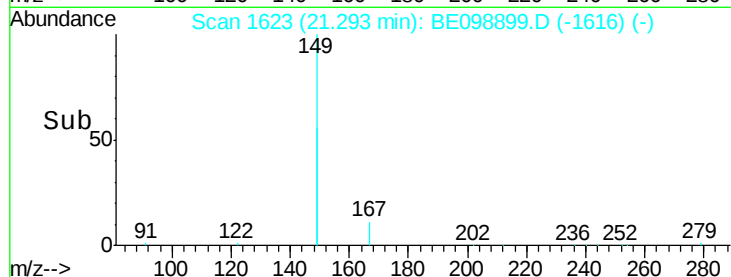
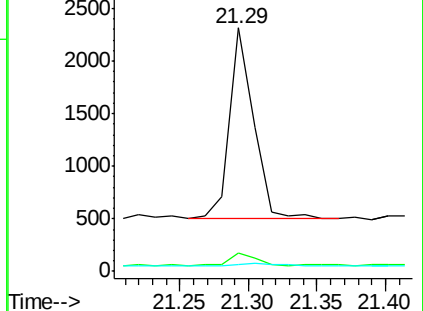
279 2.1 1.0 1.4#



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

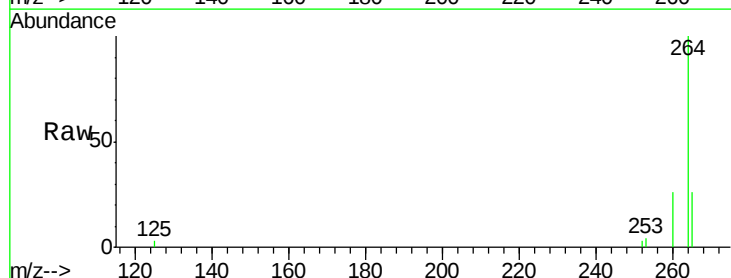
Tgt Ion:264 Resp: 7105

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

