

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100128.D
 Acq On : 21 Jun 2019 3:52
 Operator : JU/SJ
 Sample : K3345-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-9_061119

Quant Time: Jun 21 07:02:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

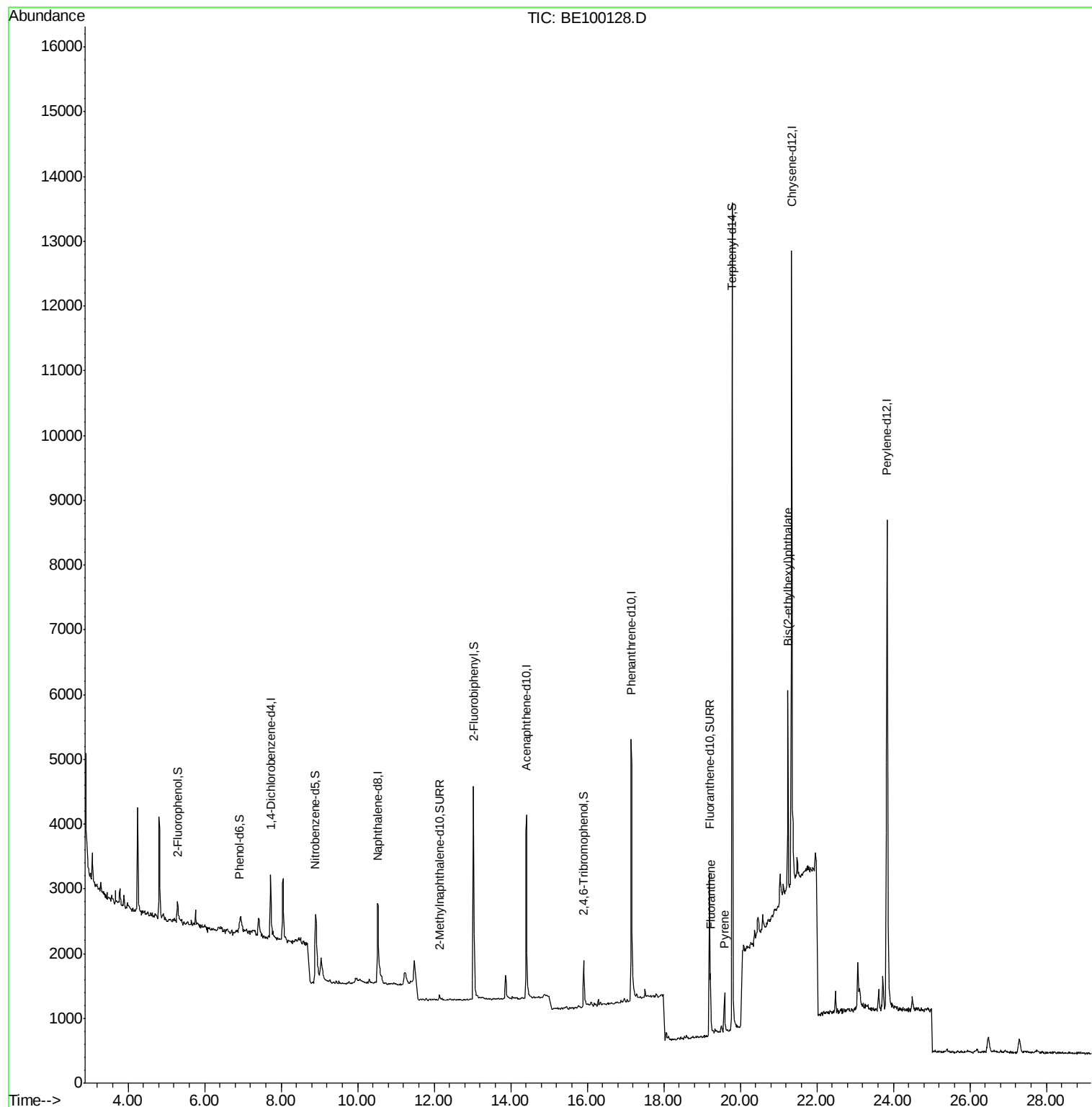
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	617	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2284	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	2230	0.40	ng	0.00
19) Phenanthrene-d10	17.15	188	7970	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10355	0.40	ng	0.00
34) Perylene-d12	23.84	264	11928	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	336	0.26	ng	-0.01
5) Phenol-d6	6.91	99	259	0.15	ng	-0.02
8) Nitrobenzene-d5	8.90	82	875	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	156	0.04	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	672	0.55	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	4156	0.47	ng	-0.01
25) Fluoranthene-d10	19.19	212	3958	0.03	ng	0.00
29) Terphenyl-d14	19.79	244	12006	0.58	ng	-0.02
Target Compounds						
26) Fluoranthene	19.22	202	794	0.026	ng	# 96
28) Pyrene	19.59	202	681	0.026	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.24	149	3464	0.119	ng	# 98

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

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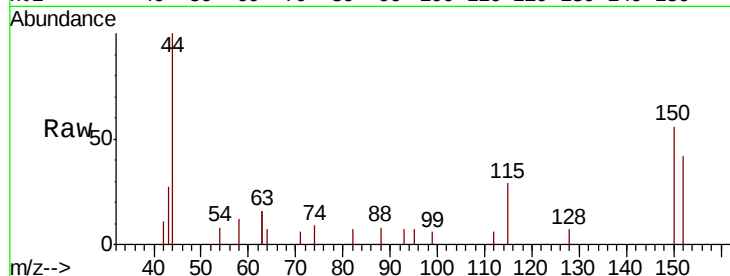


#1

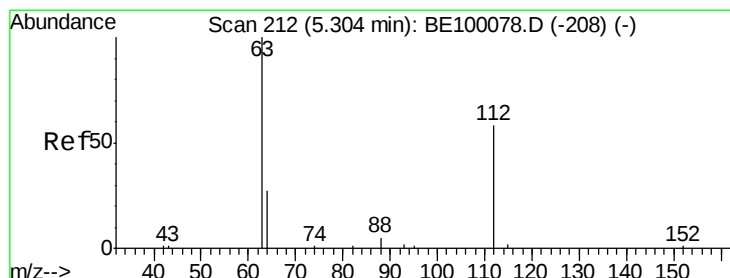
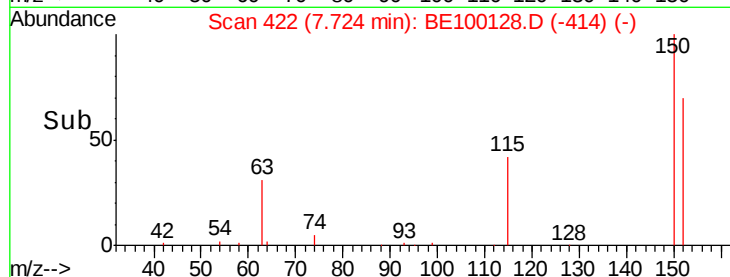
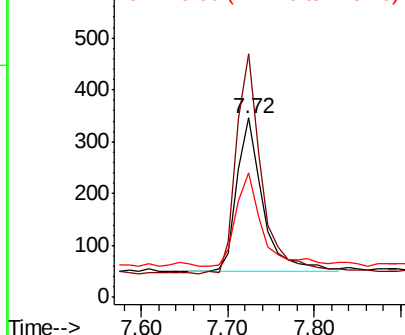
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tot Ion:152 Resp: 617
Ion Ratio Lower Upper
152 100
150 135.5 99.8 149.8
115 69.7 51.3 76.9



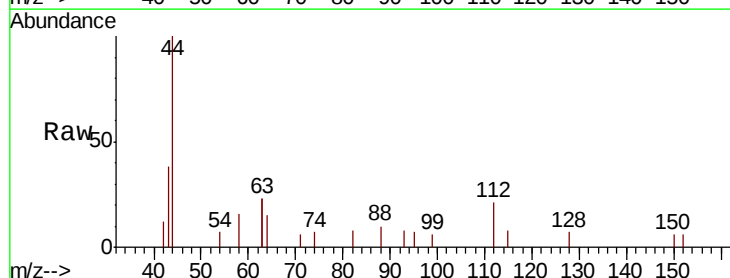
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



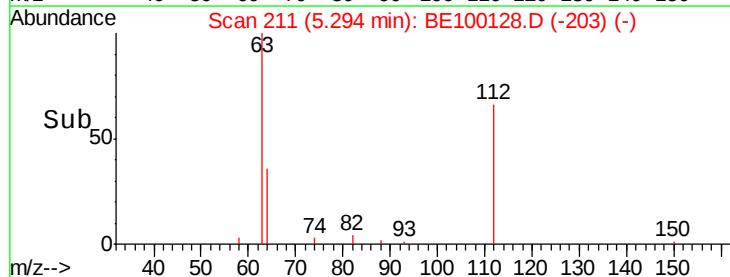
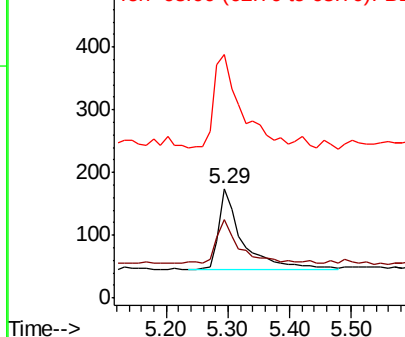
#4

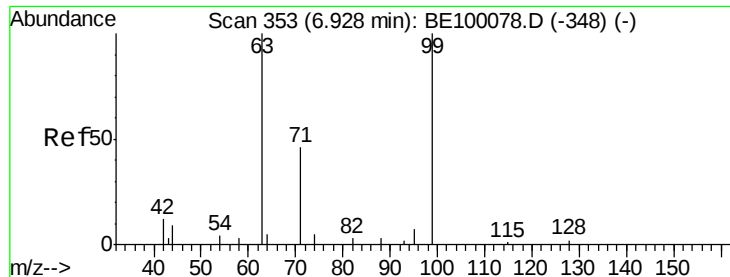
2-Fluorophenol
Concen: 0.262 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:112 Resp: 336
Ion Ratio Lower Upper
112 100
64 54.5 22.0 33.0#
63 131.5 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.147 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

Instrument :

BNA_E

ClientSampleId :

C-MW-9_061119

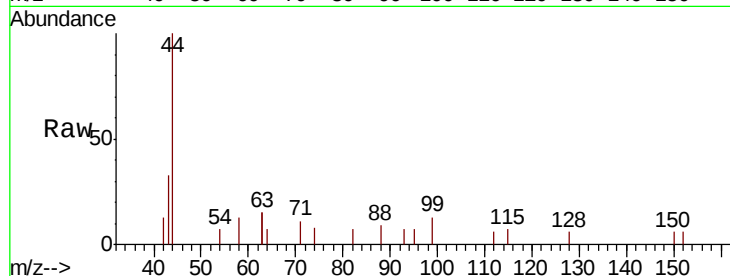
Tot Ion: 99 Resp: 259

Ion Ratio Lower Upper

99 100

42 27.0 0.0 0.0#

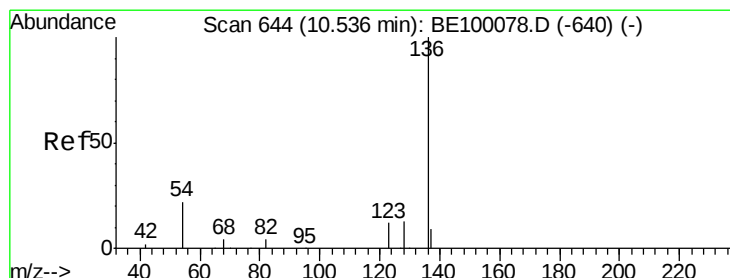
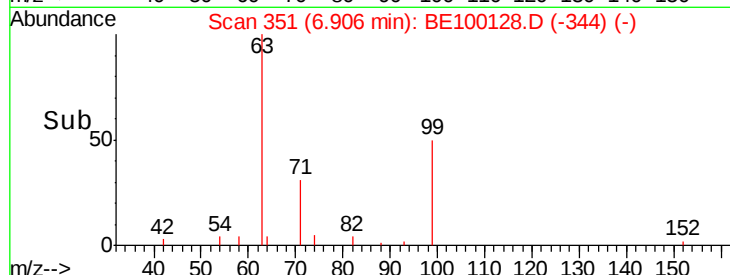
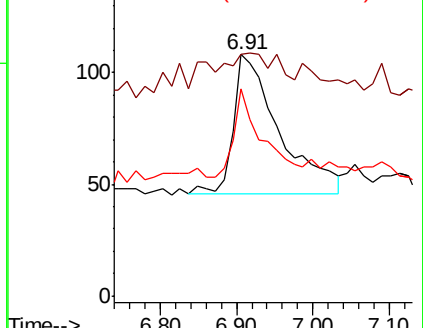
71 40.2 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

Tgt Ion: 136 Resp: 2284

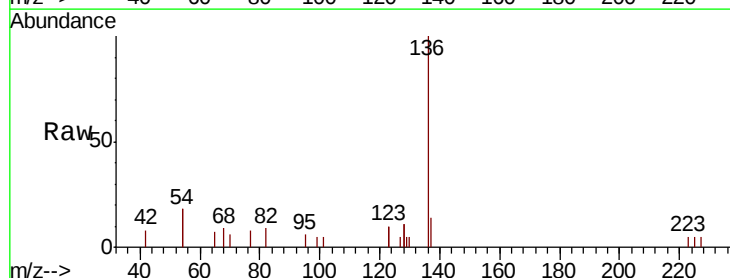
Ion Ratio Lower Upper

136 100

137 14.5 11.6 17.4

54 35.9 33.9 50.9

68 9.3 7.8 11.8

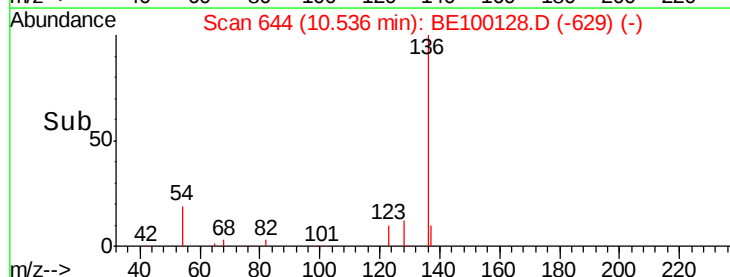
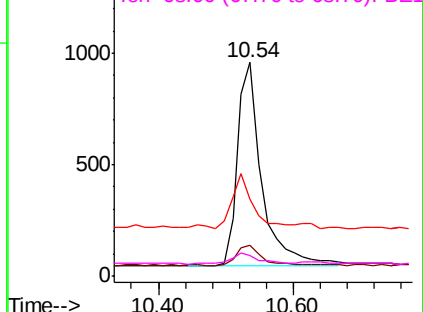


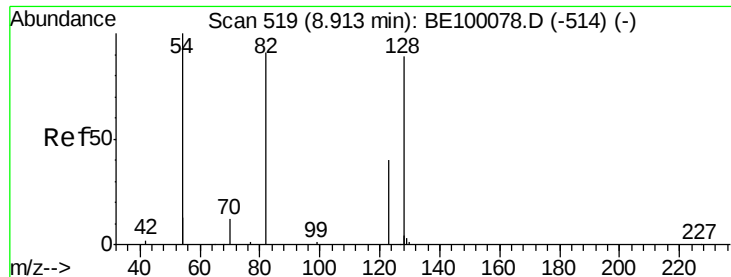
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.395 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

Instrument :

BNA_E

ClientSampleId :

C-MW-9 061119

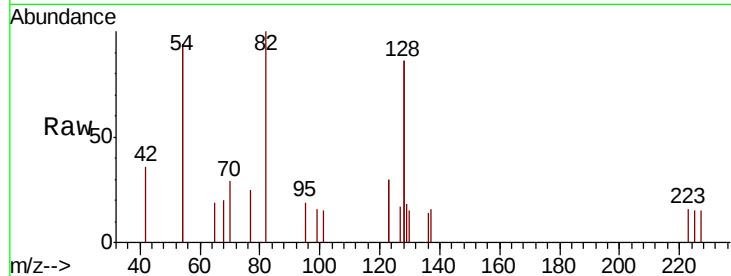
Tot Ion: 82 Resp: 875

Ion Ratio Lower Upper

82 100

128 172.2 128.0 192.0

54 188.6 143.4 215.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

800

600

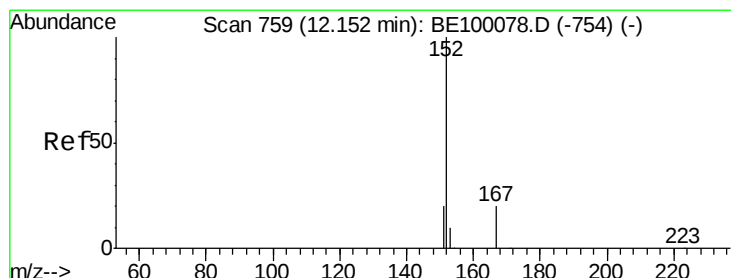
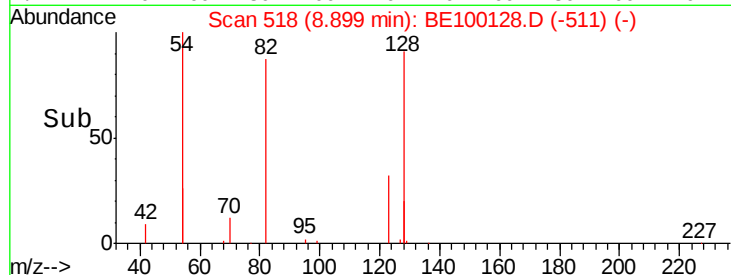
400

200

0

8.80 8.90 9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.036 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100128.D

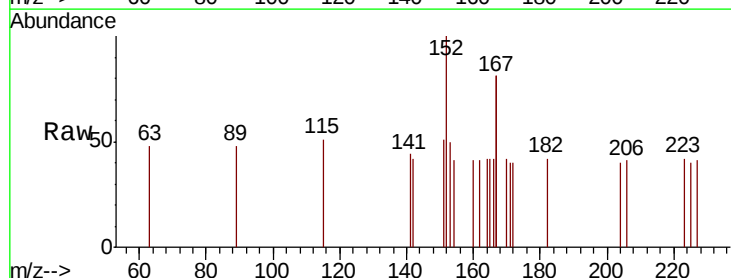
Acq: 21 Jun 2019 3:52

Tgt Ion: 152 Resp: 156

Ion Ratio Lower Upper

152 100

151 25.0 16.3 24.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

120

100

80

60

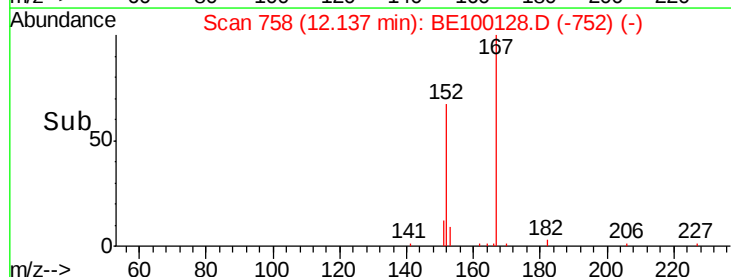
40

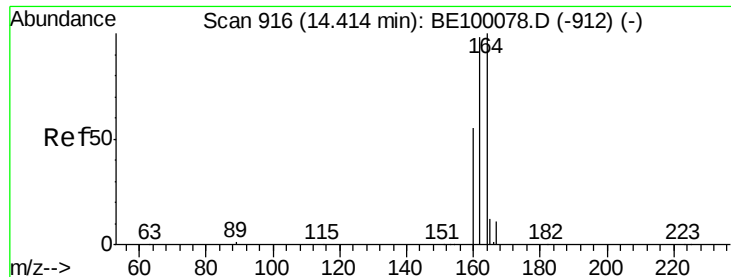
20

0

12.10 12.14 12.20

Time-->

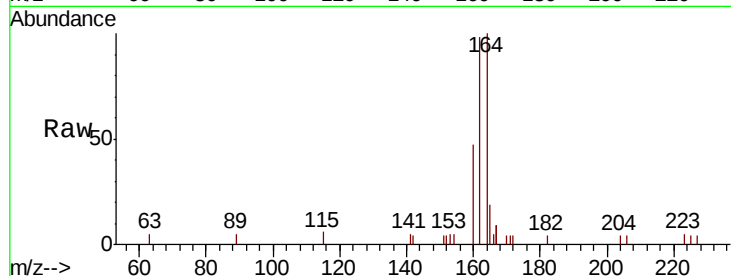




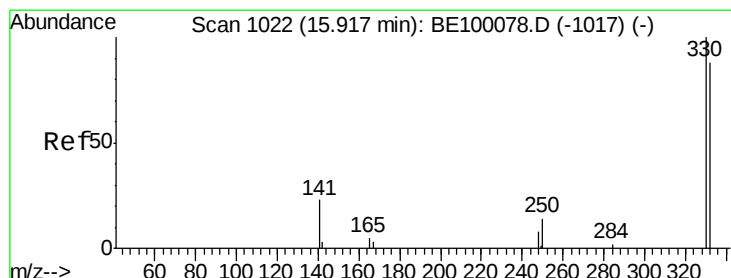
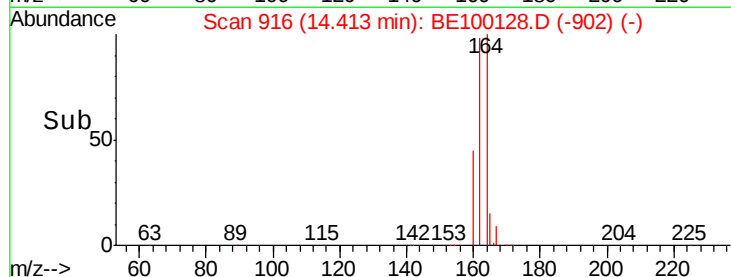
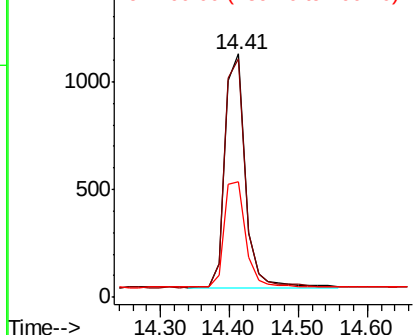
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

Tot Ion:164 Resp: 2230
Ion Ratio Lower Upper
164 100
162 98.1 78.2 117.2
160 47.3 45.6 68.4

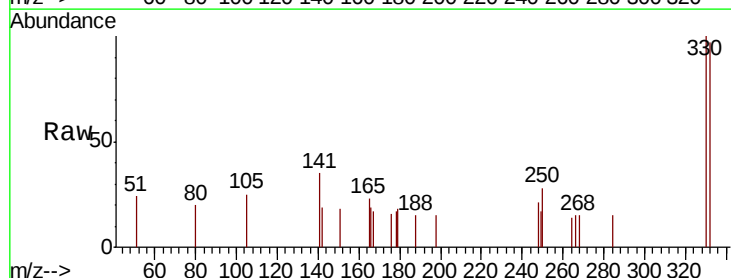


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

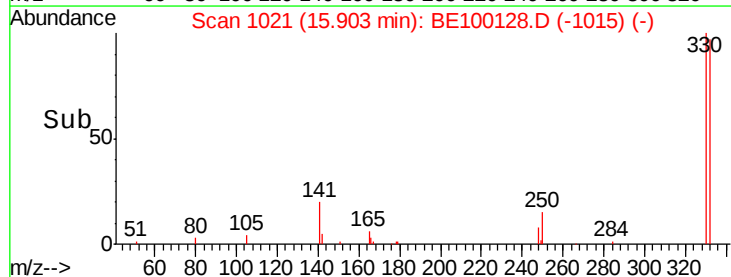
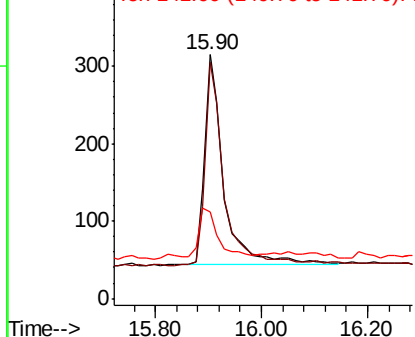


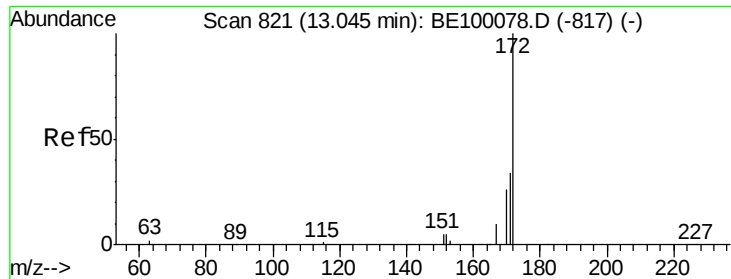
#14
2,4,6-Tribromophenol
Concen: 0.546 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:330 Resp: 672
Ion Ratio Lower Upper
330 100
332 93.3 73.3 109.9
141 22.3 22.2 33.2



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

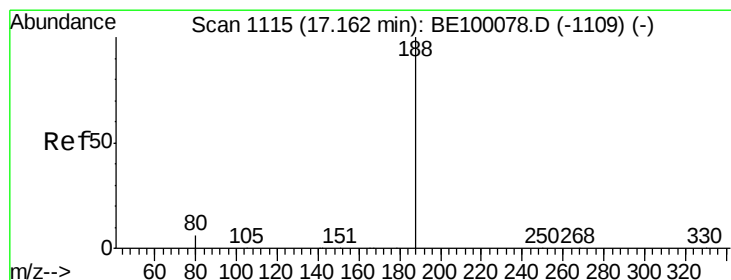
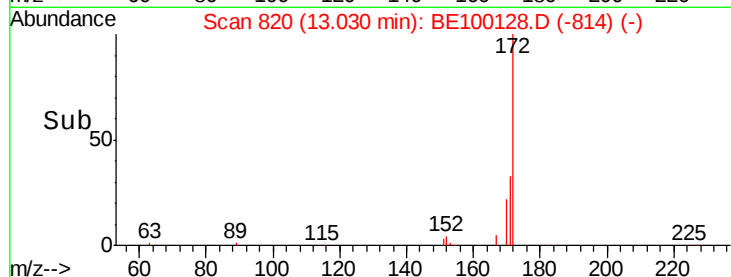
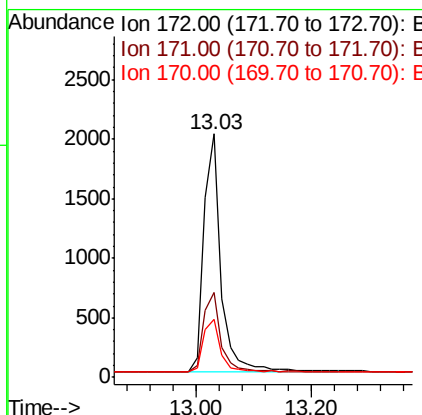
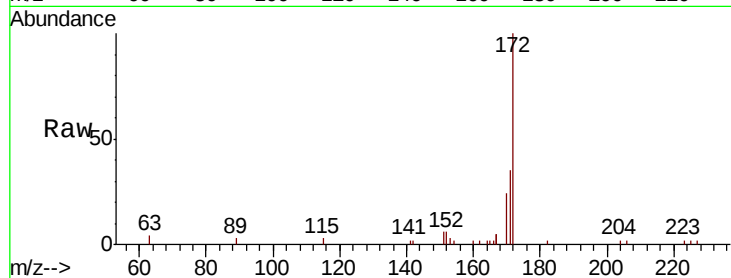




#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

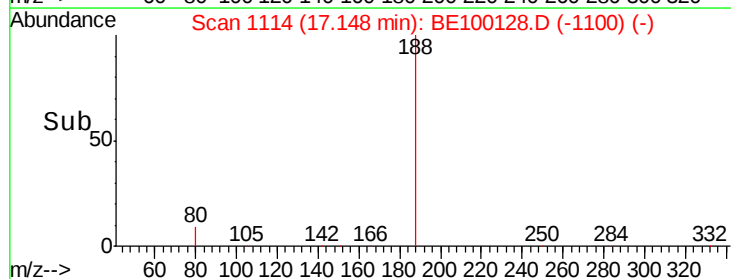
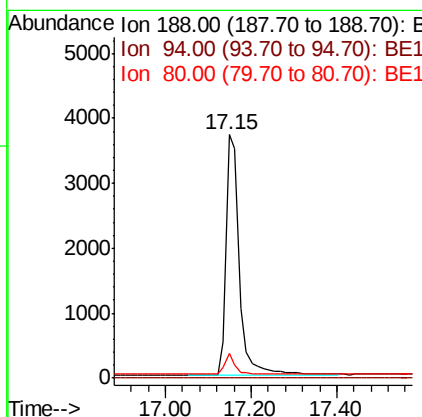
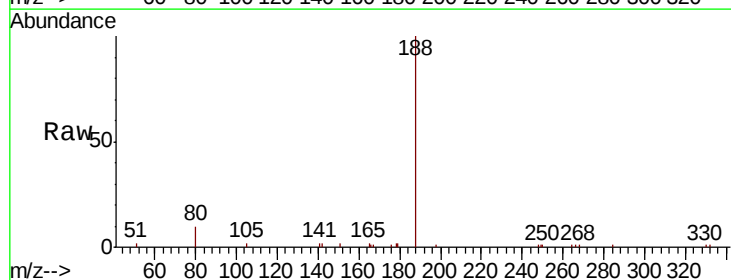
Instrument :
BNA_E
ClientSampleId :
C-MW-9_061119

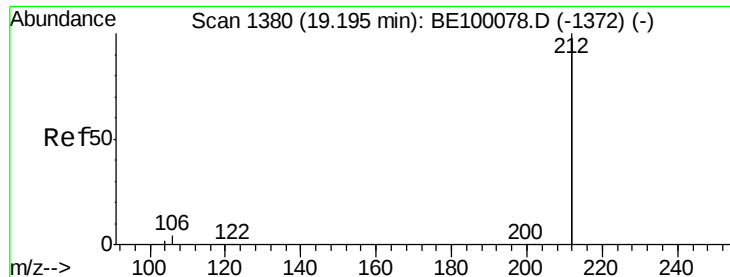
Tot Ion:172 Resp: 4156
Ion Ratio Lower Upper
172 100
171 34.9 29.8 44.8
170 23.6 23.2 34.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100128.D
Acq: 21 Jun 2019 3:52

Tgt Ion:188 Resp: 7970
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.035 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

Instrument :

BNA_E

ClientSampleId :

C-MW-9_061119

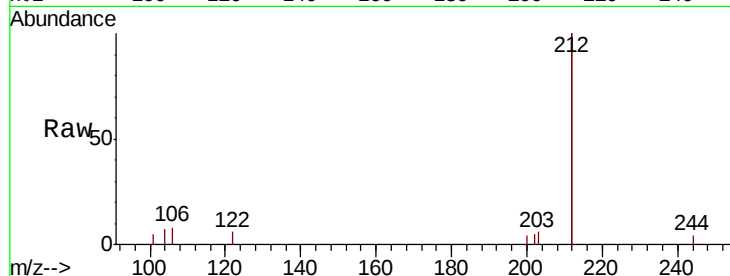
Tot Ion:212 Resp: 3958

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.0#

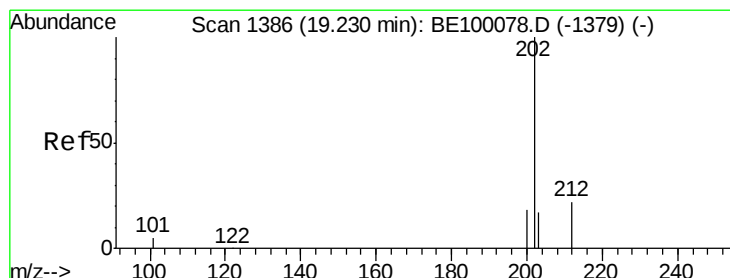
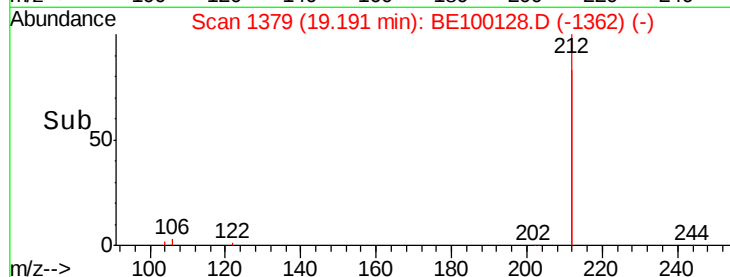
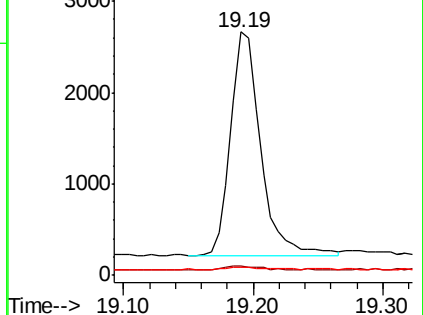
104 1.2 0.8 1.2#



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



#26

Fluoranthene

Concen: 0.026 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

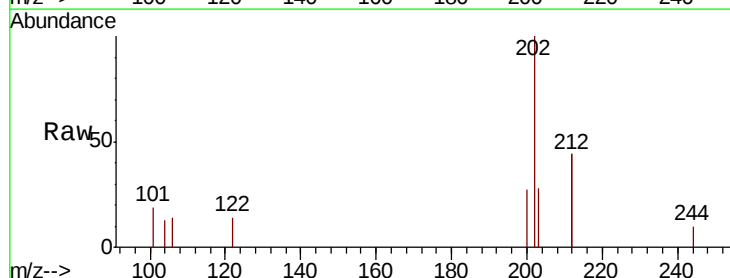
Tgt Ion:202 Resp: 794

Ion Ratio Lower Upper

202 100

101 9.1 5.0 7.4#

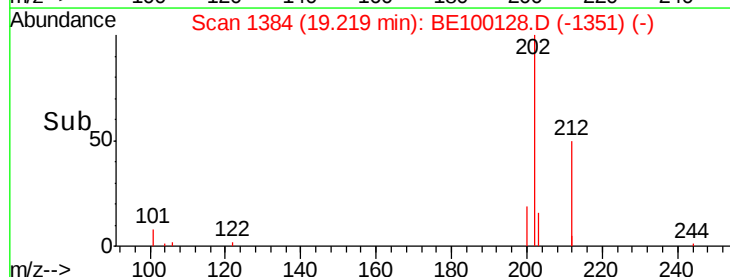
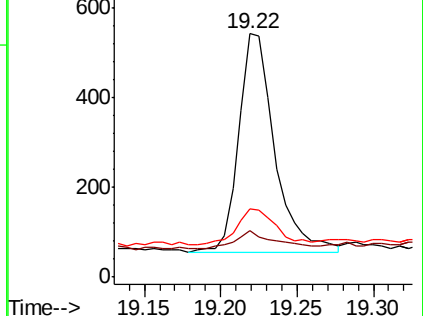
203 17.9 13.7 20.5

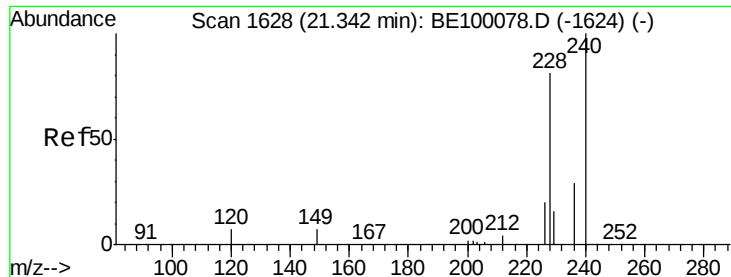


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

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C-MW-9_061119

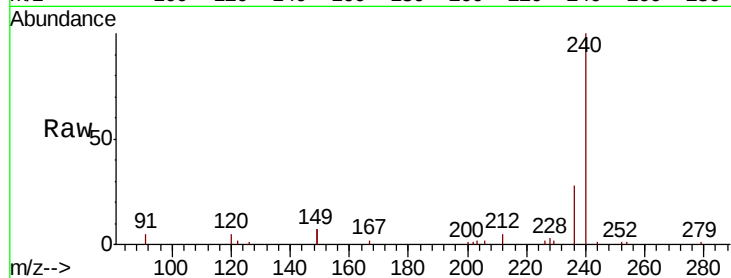
Tot Ion:240 Resp: 10355

Ion Ratio Lower Upper

240 100

120 5.3 6.6 10.0#

236 28.4 23.8 35.6

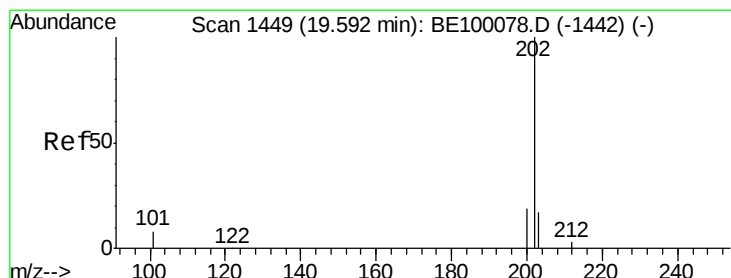
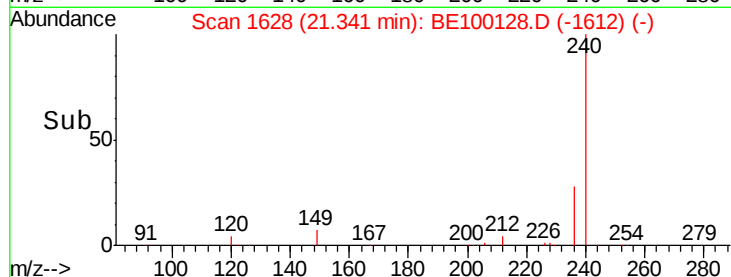
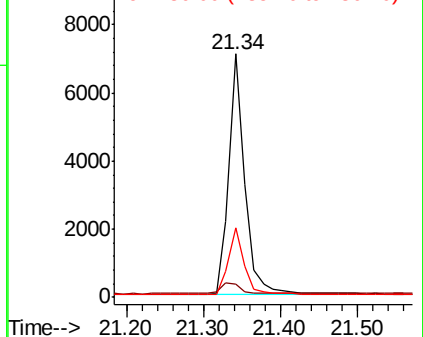


Abundance

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



#28

Pyrene

Concen: 0.026 ng

RT: 19.59 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

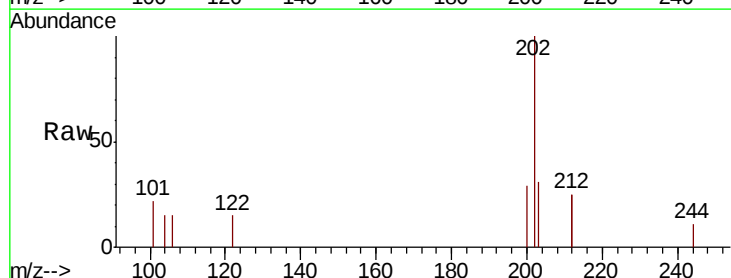
Tgt Ion:202 Resp: 681

Ion Ratio Lower Upper

202 100

200 20.3 15.6 23.4

203 26.0 13.9 20.9#

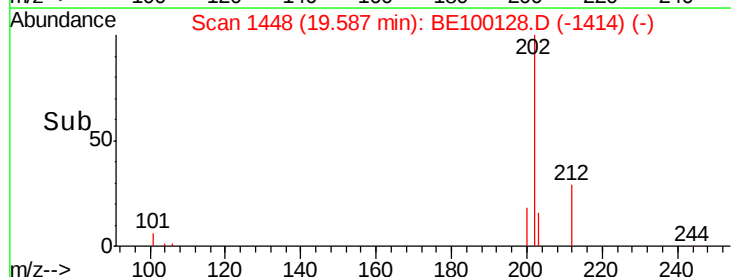
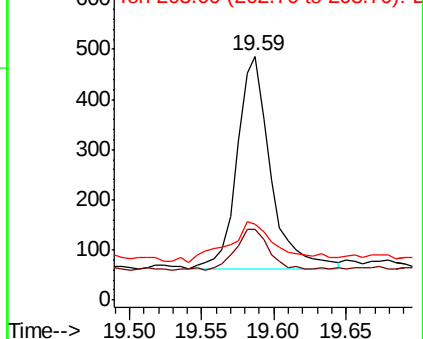


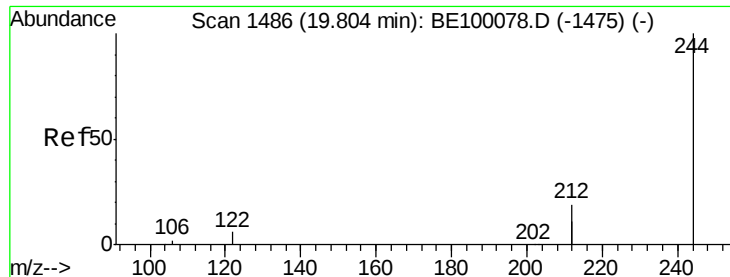
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.580 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

Instrument :

BNA_E

ClientSampleId :

C-MW-9_061119

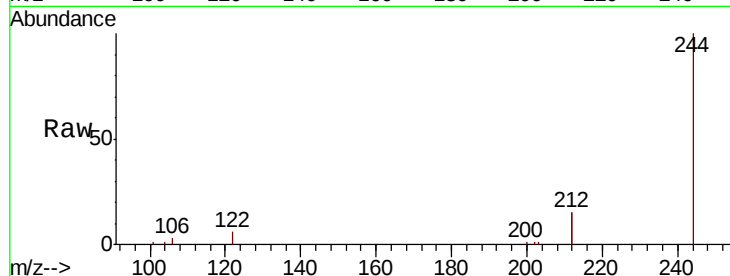
Tot Ion:244 Resp: 12006

Ion Ratio Lower Upper

244 100

212 30.5 29.8 44.8

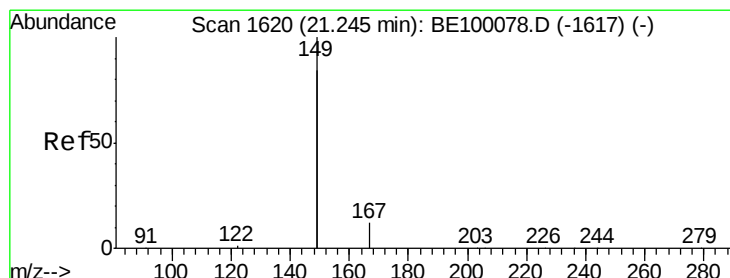
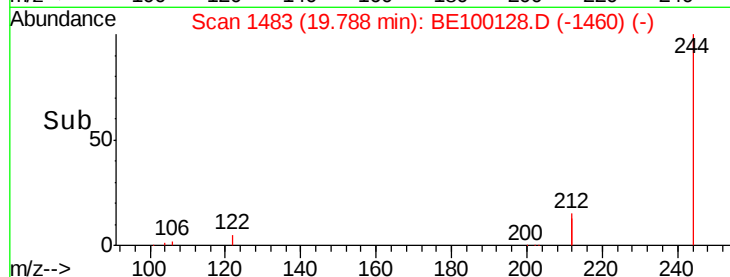
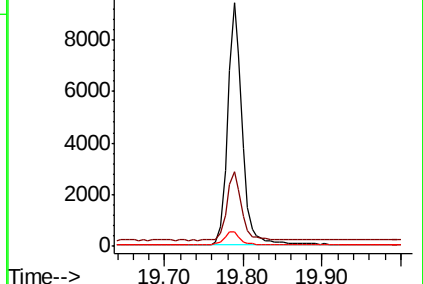
122 5.8 6.1 9.1#



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: 0.119 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

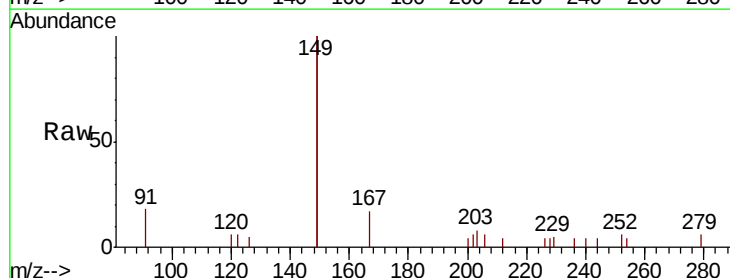
Tgt Ion:149 Resp: 3464

Ion Ratio Lower Upper

149 100

167 8.1 5.8 8.6

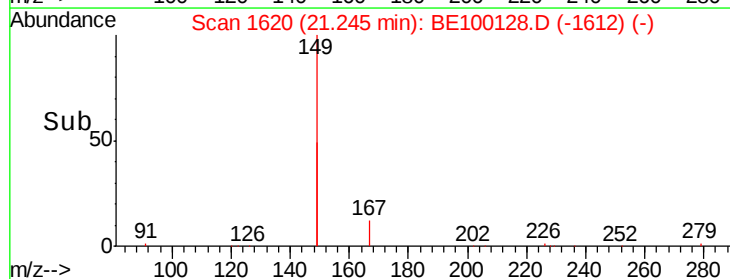
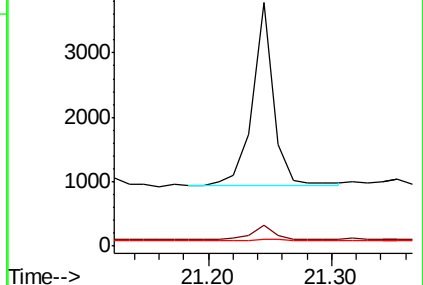
279 2.3 1.1 1.7#

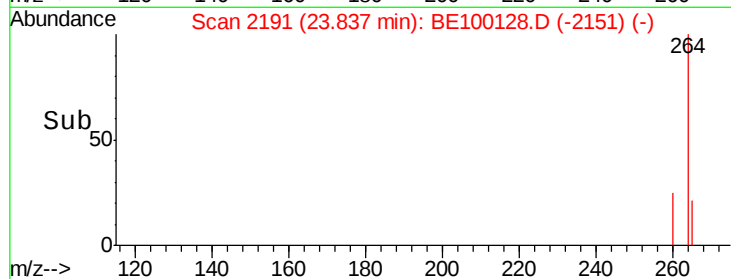
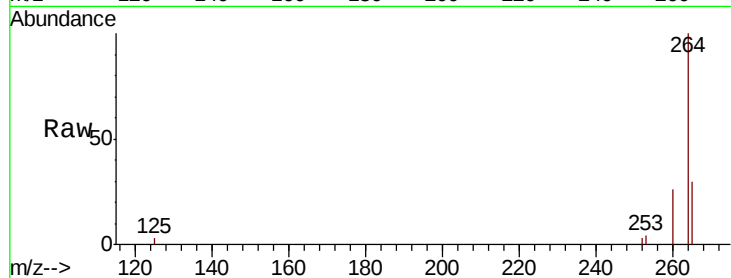
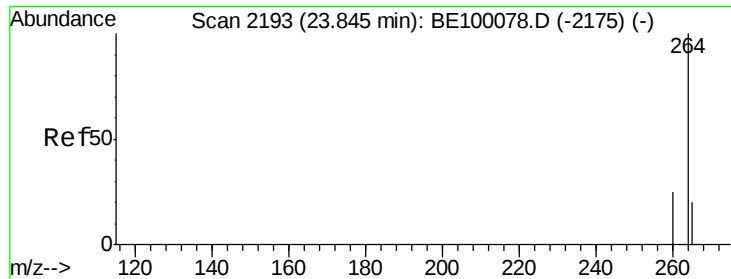


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.84 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BE100128.D

Acq: 21 Jun 2019 3:52

Instrument :

BNA_E

ClientSampleId :

C-MW-9_061119

Tot Ion:264 Resp: 11928

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

265 29.8 23.2 34.8

