

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100620.D
 Acq On : 8 Oct 2019 22:09
 Operator : JU
 Sample : K5109-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3DL

Quant Time: Oct 09 04:31:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:42:20 2019
 Response via : Initial Calibration

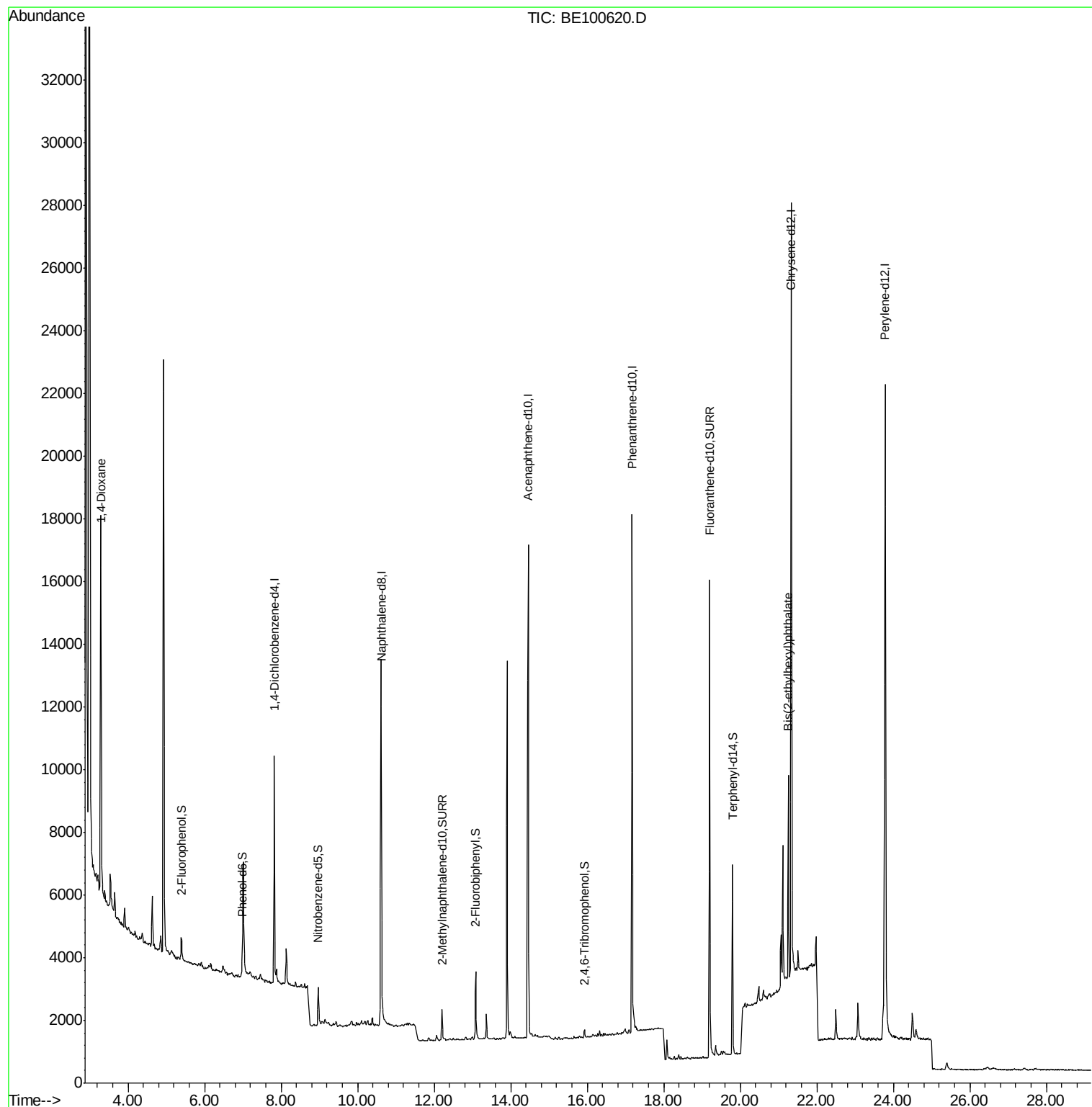
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3683	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	17022	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	10196	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	23854	0.40	ng	0.00
27) Chrysene-d12	21.33	240	28139	0.40	ng	0.00
34) Perylene-d12	23.78	264	32207	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	502	0.05	ng	0.00
5) Phenol-d6	6.98	99	462	0.04	ng	-0.01
8) Nitrobenzene-d5	8.96	82	594	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1684	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	173	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2368	0.06	ng	0.00
25) Fluoranthene-d10	19.20	212	21368	0.07	ng	0.00
29) Terphenyl-d14	19.79	244	5557	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	10220	1.648	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.26	149	7141	0.048	ng	98

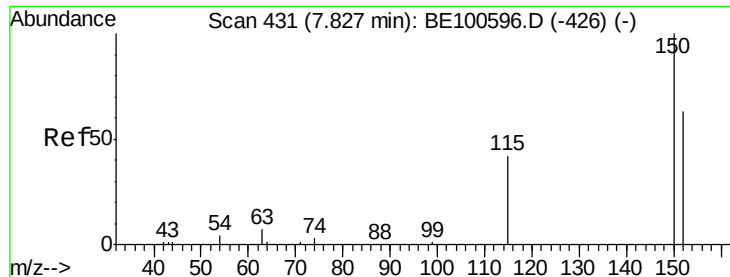
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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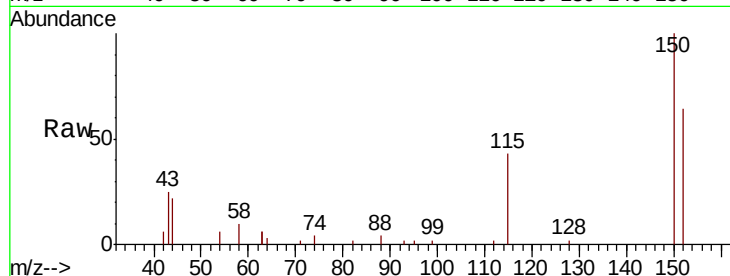


#1

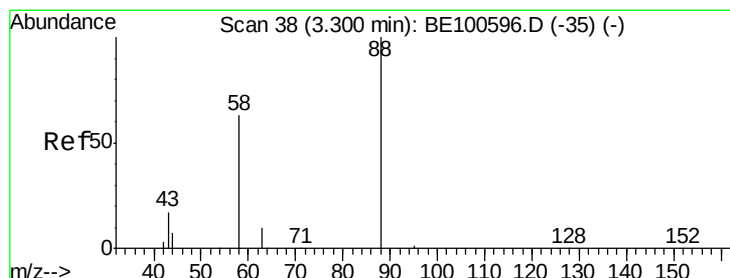
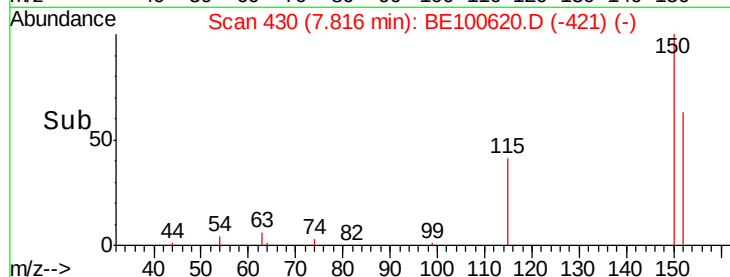
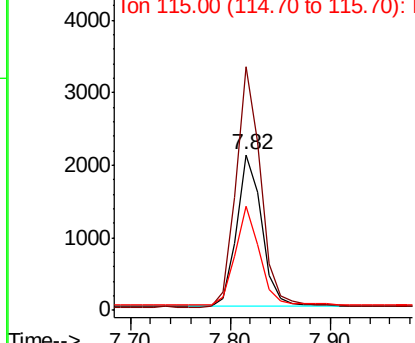
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100620.D
Acq: 8 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
MW-3DL

Tot Ion:152 Resp: 3683
Ion Ratio Lower Upper
152 100
150 156.8 126.5 189.7
115 67.3 54.6 81.8



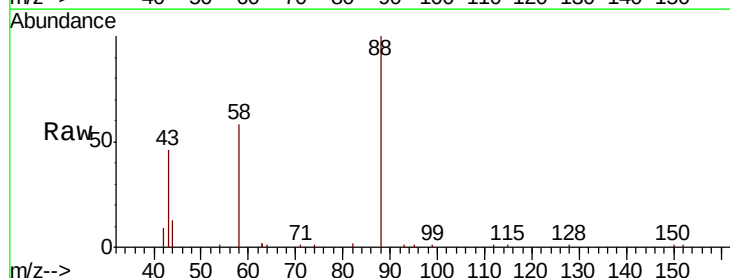
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



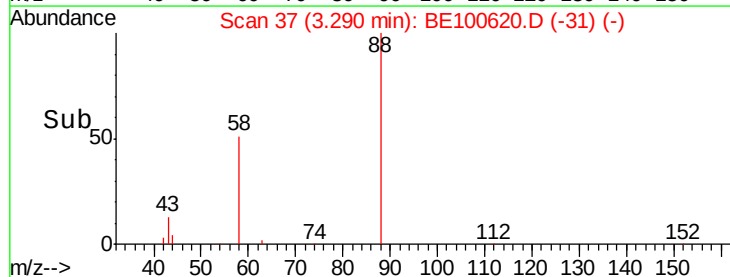
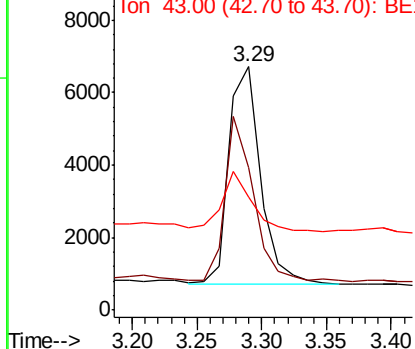
#2

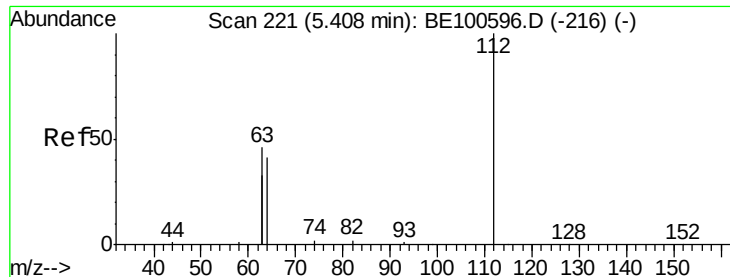
1,4-Dioxane
Concen: 1.648 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE100620.D
Acq: 8 Oct 2019 22:09

Tgt Ion: 88 Resp: 10220
Ion Ratio Lower Upper
88 100
58 66.6 48.1 72.1
43 25.9 14.4 21.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.051 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampled :

MW-3DL

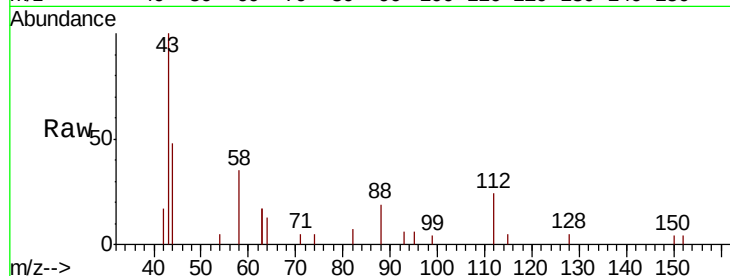
Tot Ion:112 Resp: 502

Ion Ratio Lower Upper

112 100

64 53.2 43.7 65.5

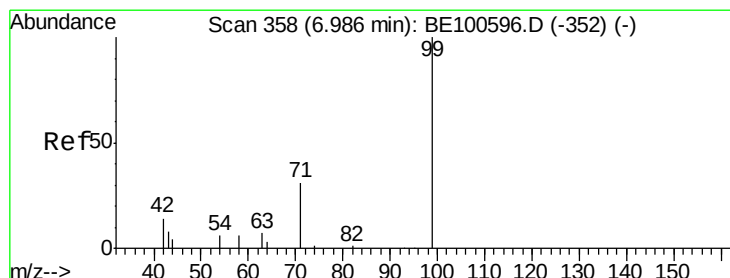
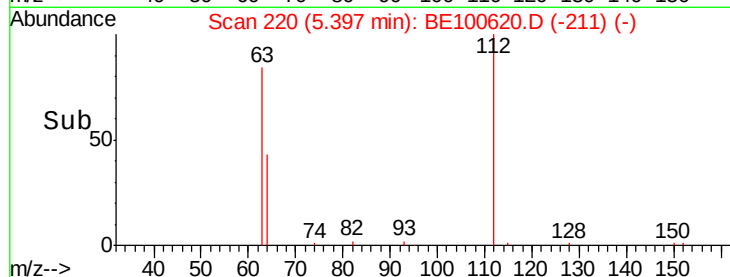
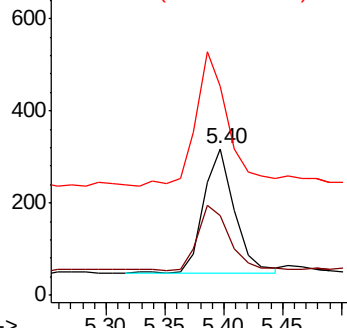
63 109.6 84.5 126.7



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.037 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

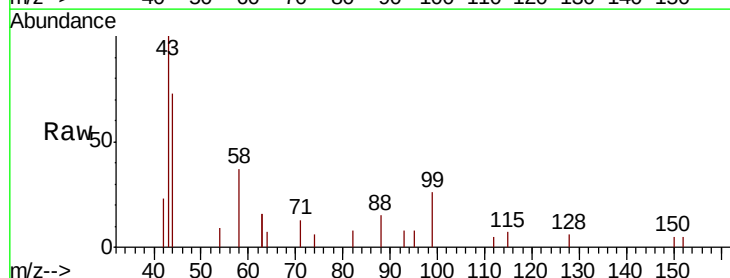
Tgt Ion: 99 Resp: 462

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

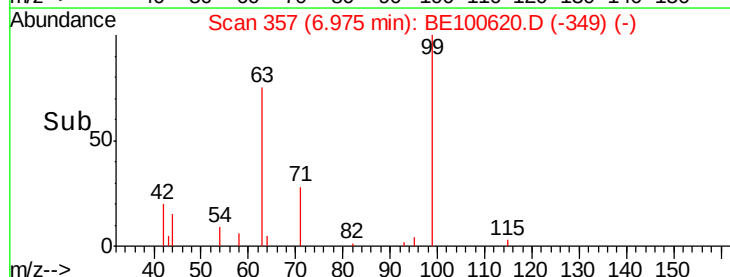
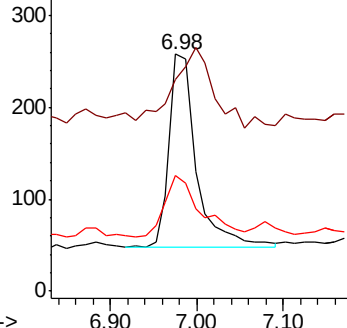
71 41.8 23.0 34.4#

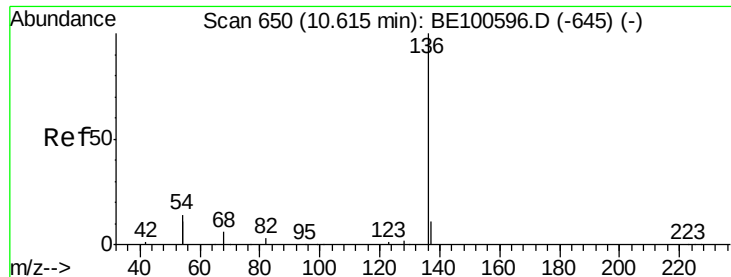


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

MW-3DL

Tot Ion:136 Resp: 17022

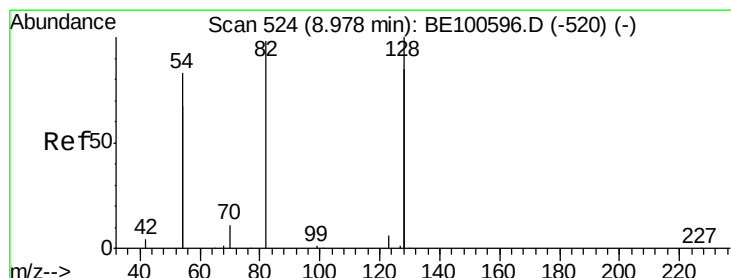
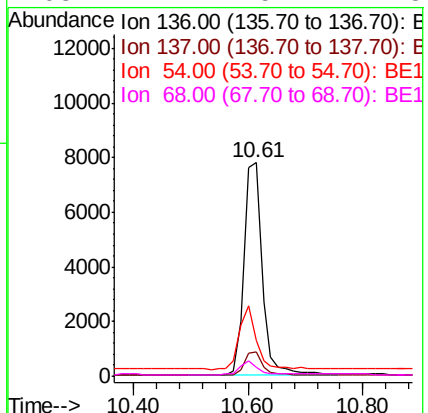
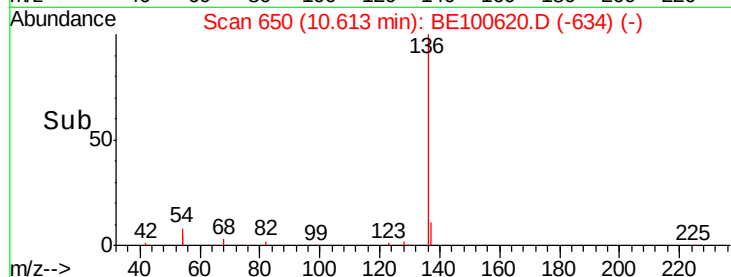
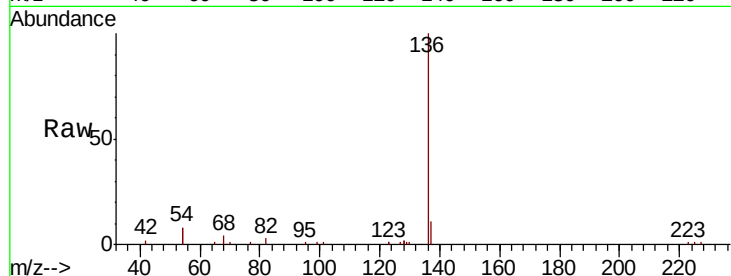
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 16.8 22.4 33.6#

68 4.4 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.056 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

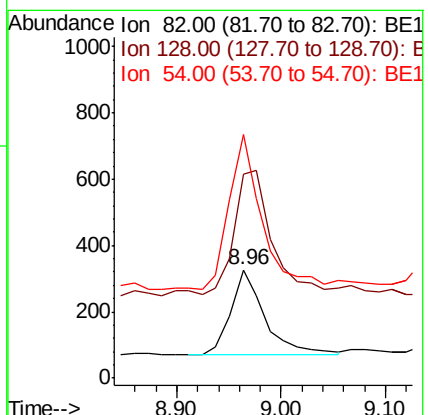
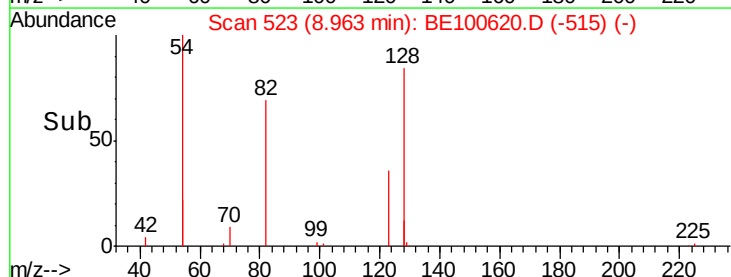
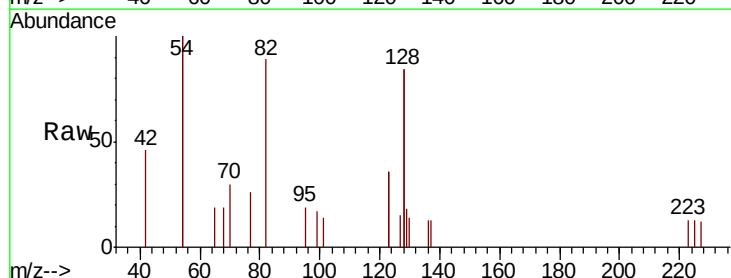
Tgt Ion: 82 Resp: 594

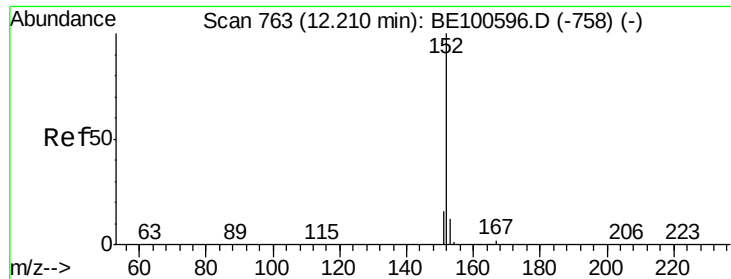
Ion Ratio Lower Upper

82 100

128 188.4 154.7 232.1

54 224.5 128.5 192.7#

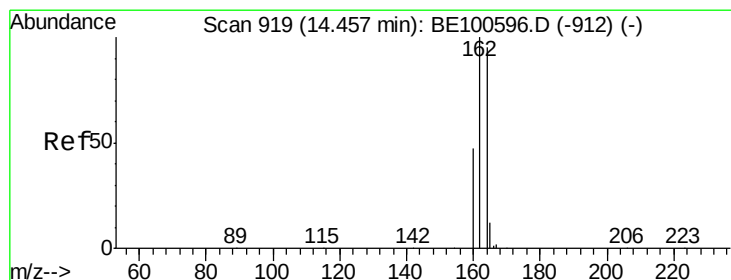
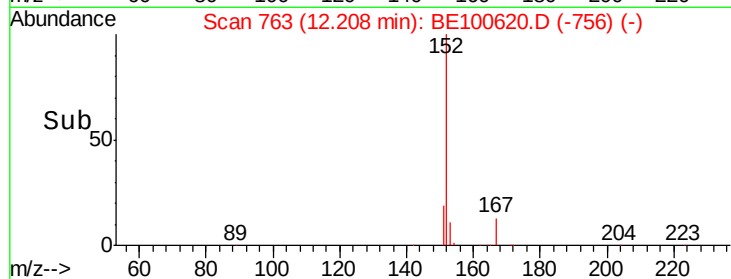
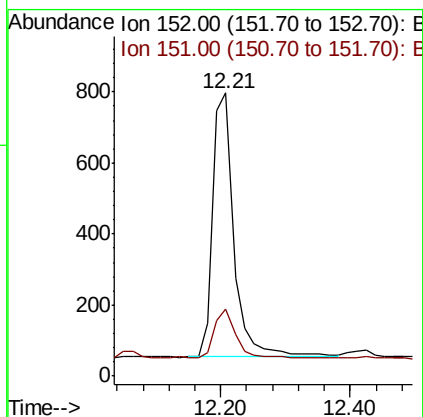
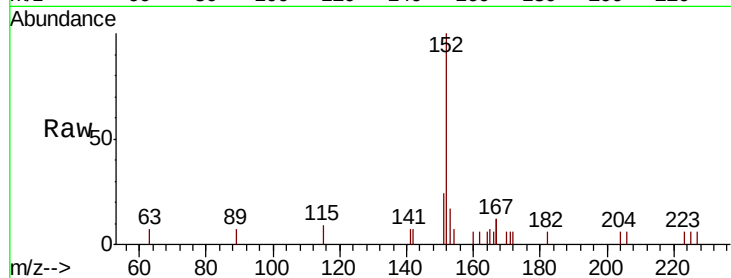




#11
 2-Methylnaphthalene-d10
 Concen: 0.066 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE100620.D
 Acq: 8 Oct 2019 22:09

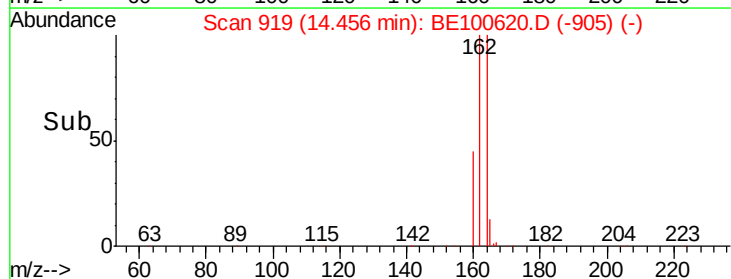
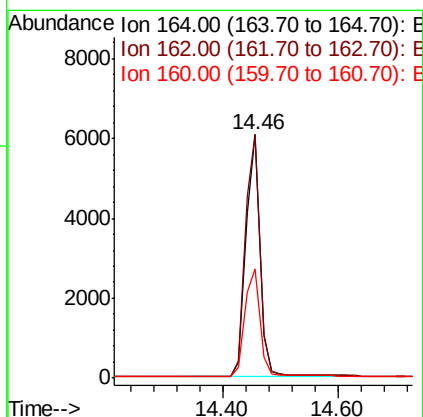
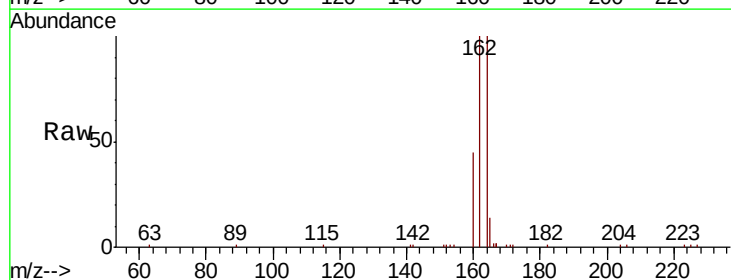
Instrument :
 BNA_E
 ClientSampleId :
 MW-3DL

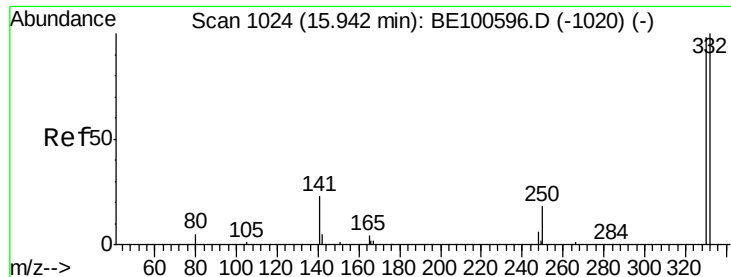
Tot Ion:152 Resp: 1684
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE100620.D
 Acq: 8 Oct 2019 22:09

Tgt Ion:164 Resp: 10196
 Ion Ratio Lower Upper
 164 100
 162 99.9 84.2 126.4
 160 45.0 40.2 60.4





#14

2,4,6-Tribromophenol

Concen: 0.074 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

MW-3DL

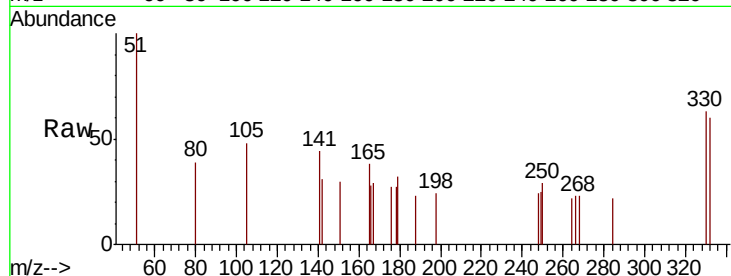
Tot Ion:330 Resp: 173

Ion Ratio Lower Upper

330 100

332 91.9 78.5 117.7

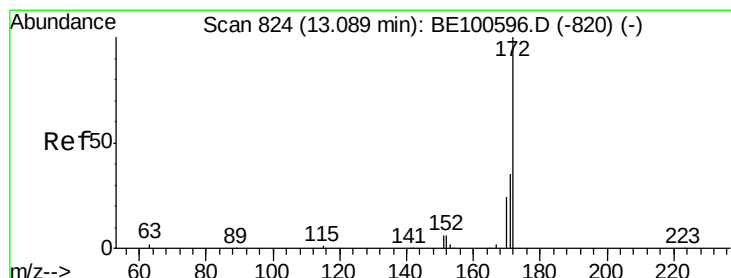
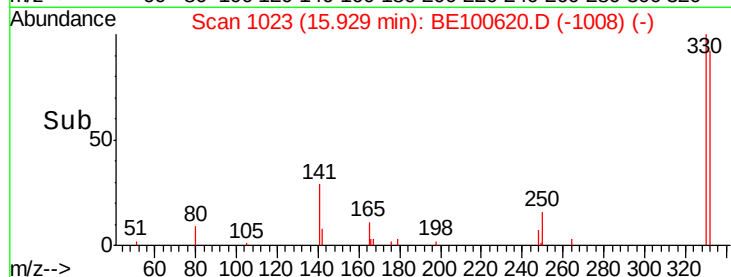
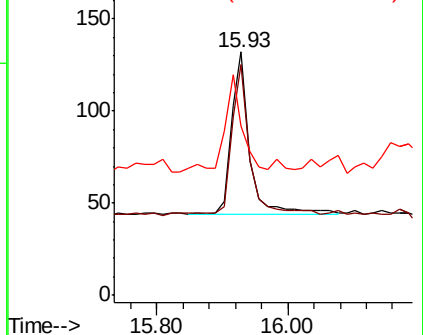
141 57.8 39.4 59.0



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: 0.064 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

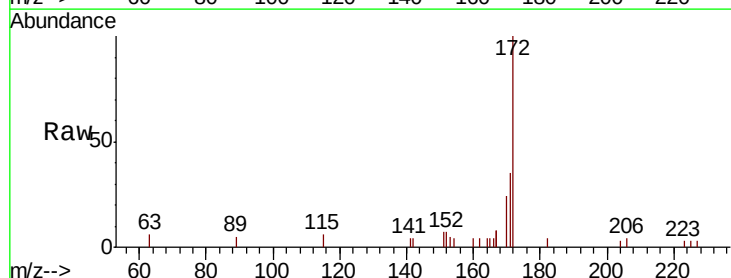
Tgt Ion:172 Resp: 2368

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

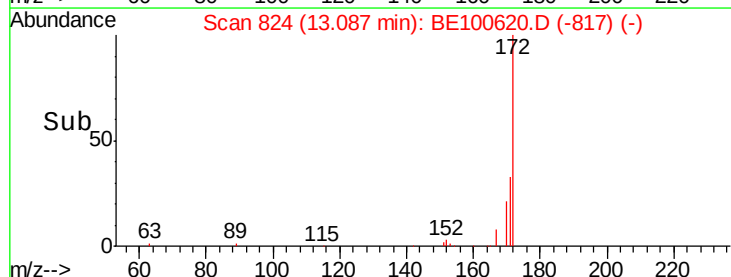
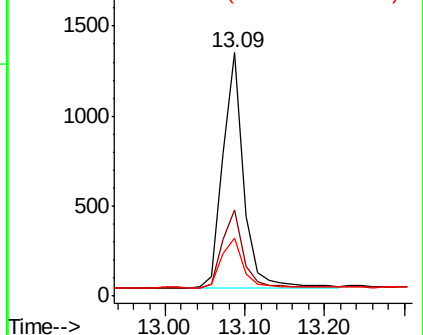
170 23.9 19.8 29.8

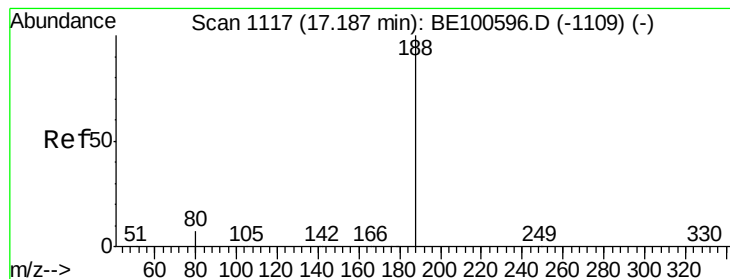


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

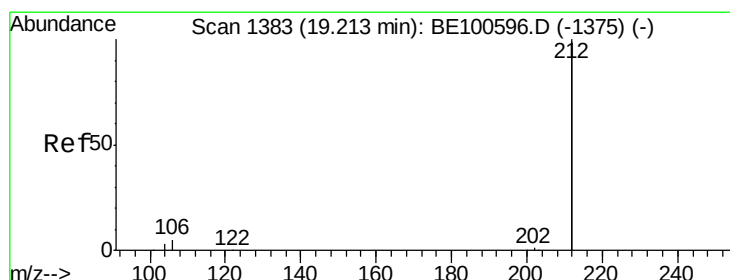
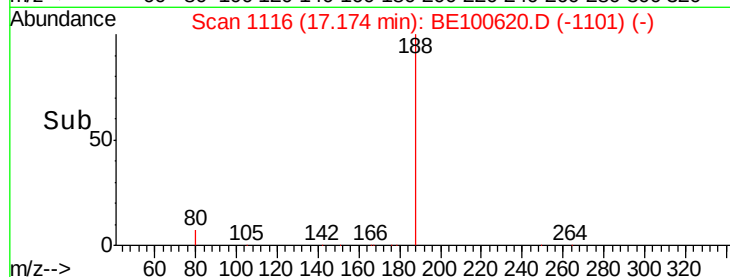
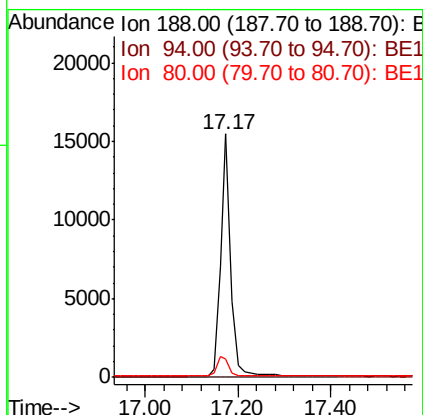
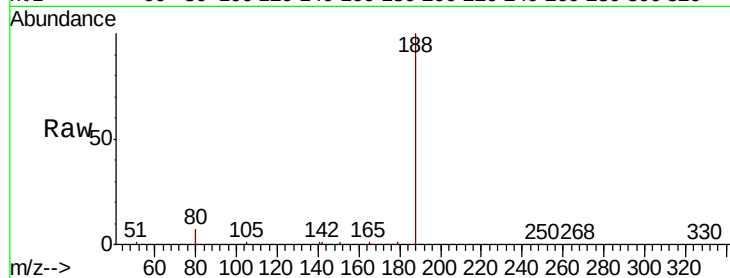




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100620.D
Acq: 8 Oct 2019 22:09

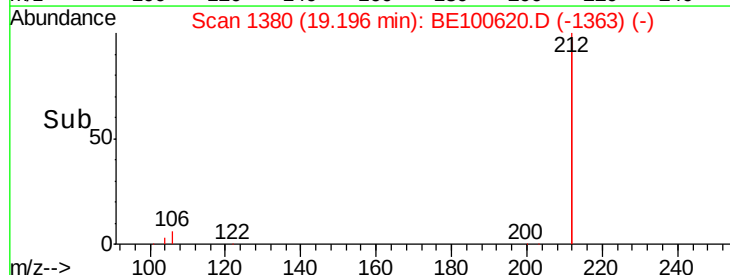
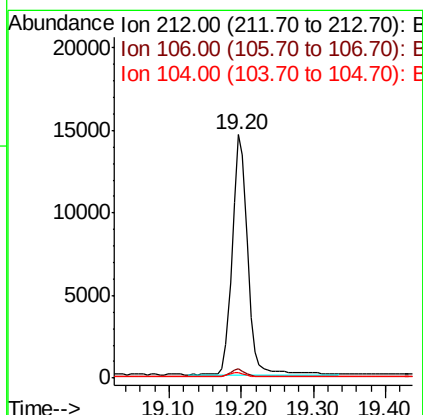
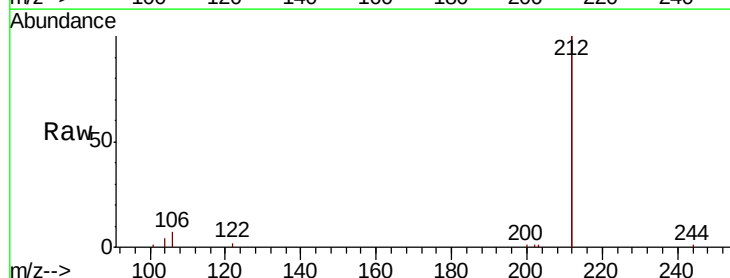
Instrument :
BNA_E
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MW-3DL

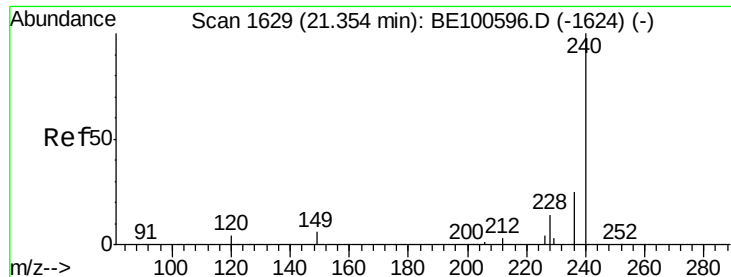
Tot Ion:188 Resp: 23854
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.2 9.2



#25
Fluoranthene-d10
Concen: 0.073 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100620.D
Acq: 8 Oct 2019 22:09

Tgt Ion:212 Resp: 21368
Ion Ratio Lower Upper
212 100
106 3.2 2.3 3.5
104 1.7 1.3 1.9

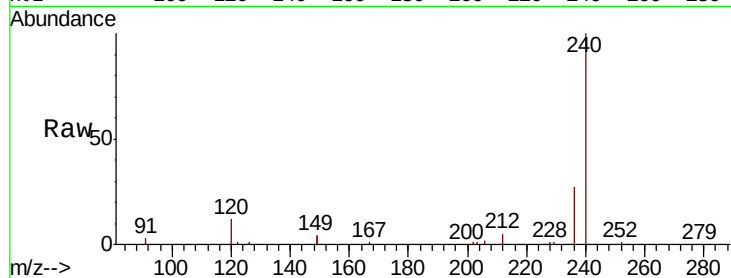




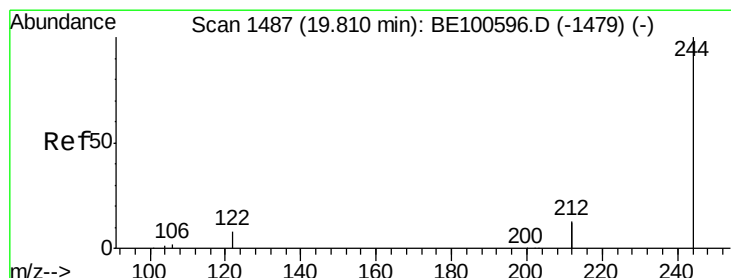
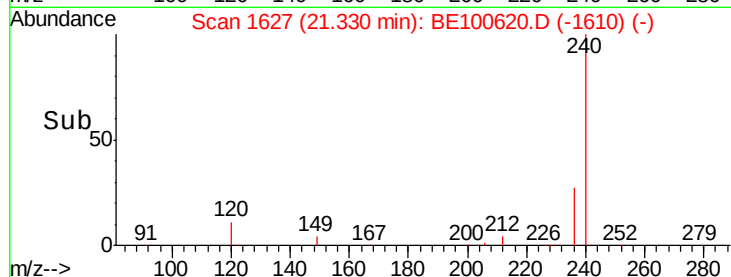
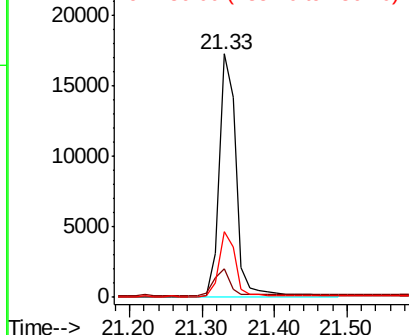
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100620.D
Acq: 8 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
MW-3DL

Tot Ion:240 Resp: 28139
Ion Ratio Lower Upper
240 100
120 11.6 3.6 5.4#
236 27.1 20.5 30.7

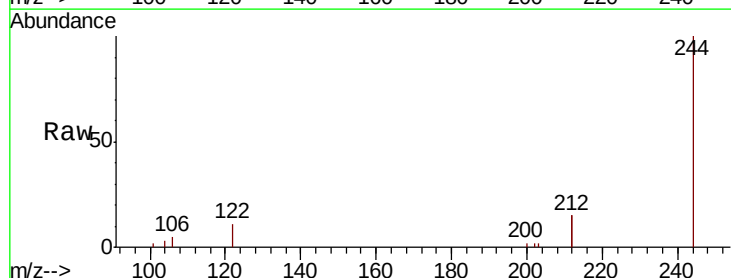


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

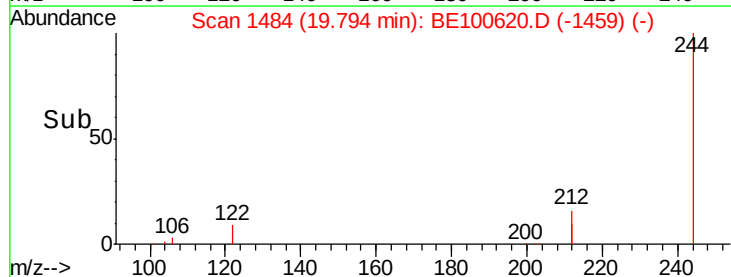
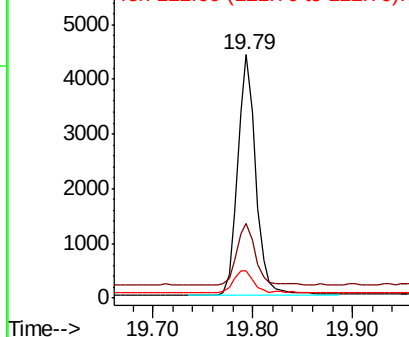


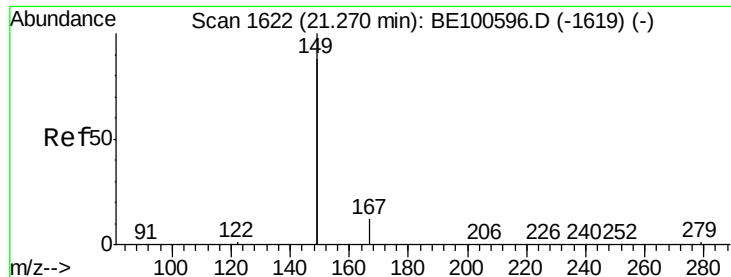
#29
Terphenyl-d14
Concen: 0.089 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100620.D
Acq: 8 Oct 2019 22:09

Tgt Ion:244 Resp: 5557
Ion Ratio Lower Upper
244 100
212 30.6 20.6 31.0
122 10.9 6.5 9.7#



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

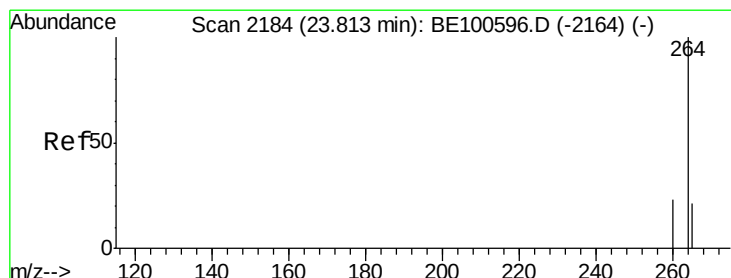
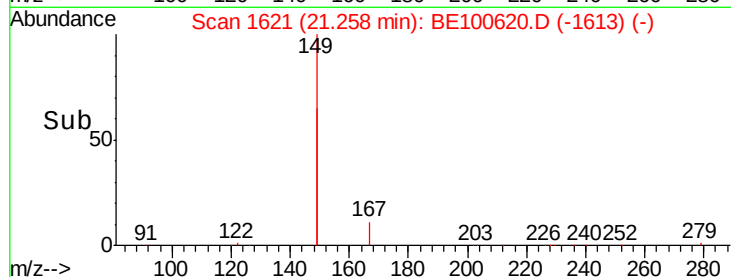
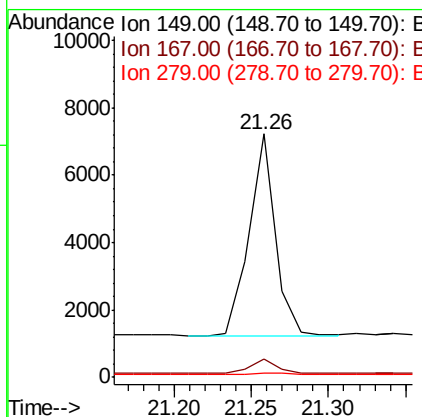
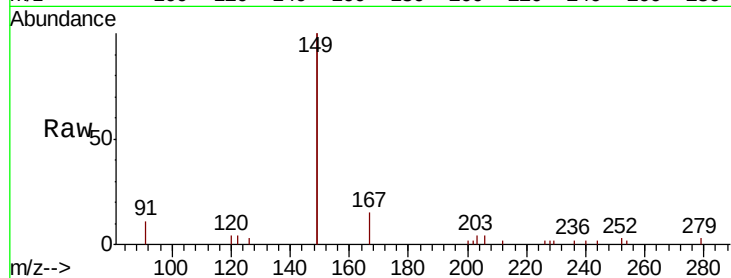




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.048 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BE100620.D
 Acq: 8 Oct 2019 22:09

Instrument :
 BNA_E
 ClientSampleId :
 MW-3DL

Tot Ion:149 Resp: 7141
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.4 8.0
 279 1.2 0.9 1.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BE100620.D
 Acq: 8 Oct 2019 22:09

Tgt Ion:264 Resp: 32207
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 26.4 20.9 31.3

