

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100609.D
 Acq On : 8 Oct 2019 15:26
 Operator : JU
 Sample : K5109-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Quant Time: Oct 09 04:09:04 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

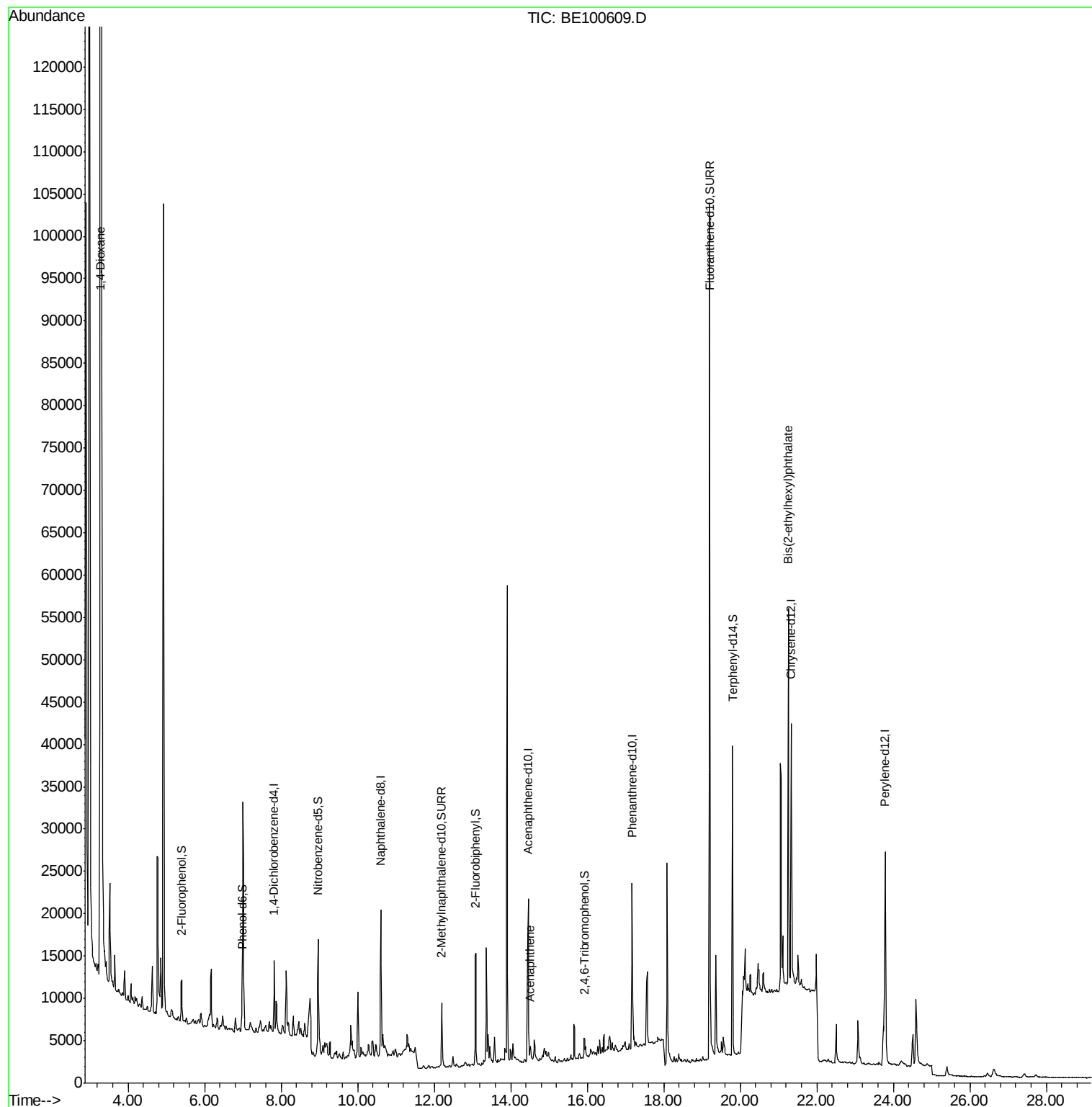
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3962	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	19422	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11786	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	26284	0.40	ng	0.00
27) Chrysene-d12	21.33	240	32607	0.40	ng	0.00
34) Perylene-d12	23.78	264	37502	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3091	0.29	ng	0.00
5) Phenol-d6	6.98	99	3080	0.23	ng	-0.01
8) Nitrobenzene-d5	8.96	82	4699	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10613	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.93	330	1428	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14616	0.34	ng	0.00
25) Fluoranthene-d10	19.20	212	134301	0.41	ng	0.00
29) Terphenyl-d14	19.79	244	31895	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2217550	332.310	ng	Qvalue # 86
17) Acenaphthene	14.51	154	896	0.027	ng	95
32) Bis(2-ethylhexyl)phthalate	21.26	149	48344	0.278	ng	100

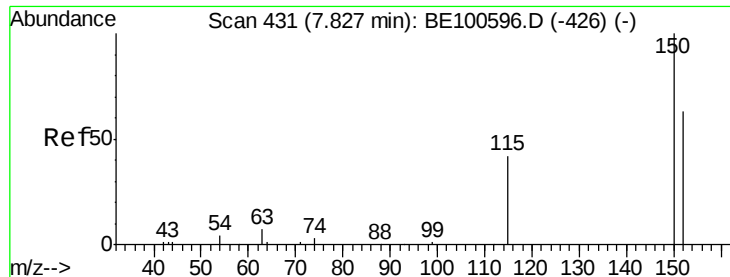
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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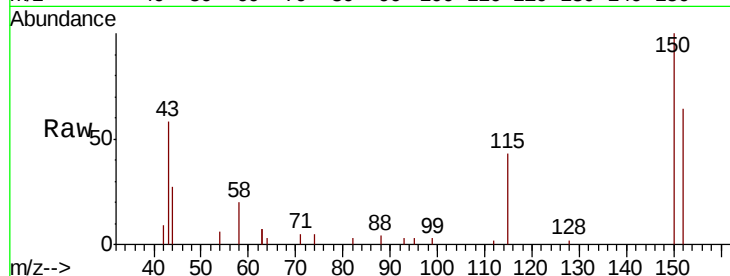


#1

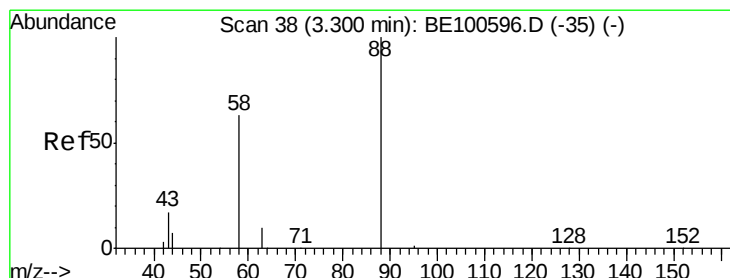
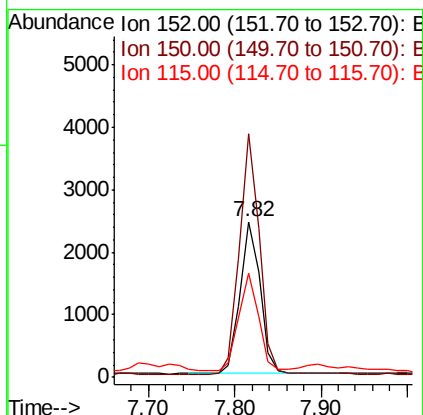
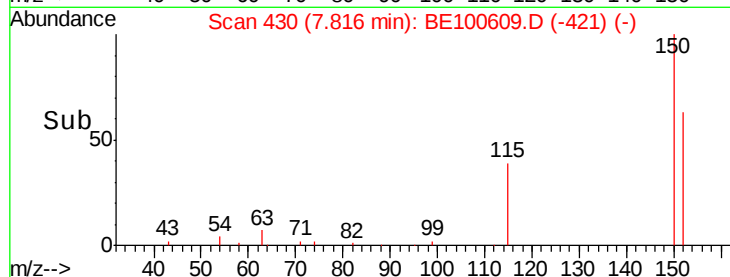
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Instrument :
BNA_E
ClientSampled :
MW-2

Tot Ion:152 Resp: 3962
Ion Ratio Lower Upper
152 100
150 156.7 126.5 189.7
115 67.0 54.6 81.8



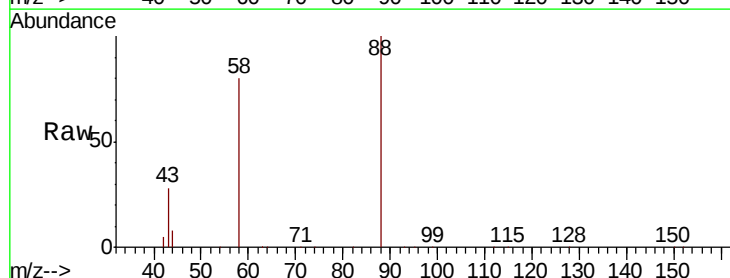
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



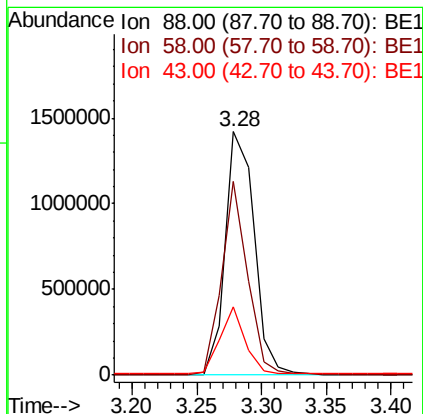
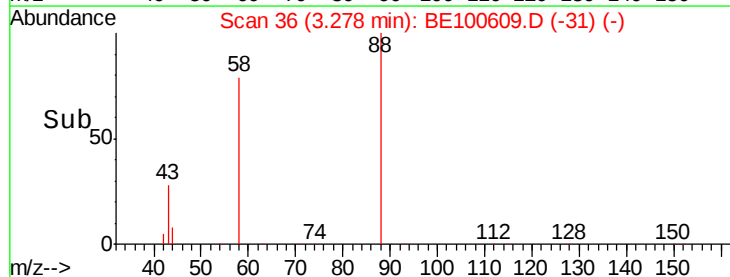
#2

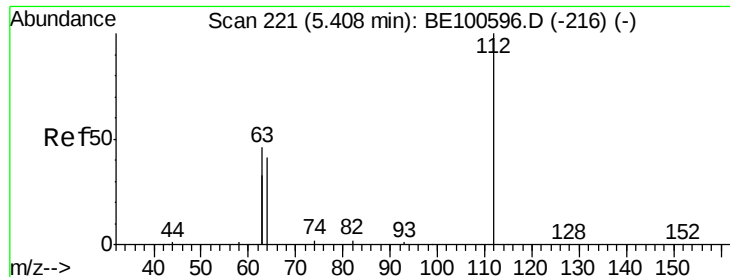
1,4-Dioxane
Concen: 332.310 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion: 88 Resp: 2217550
Ion Ratio Lower Upper
88 100
58 70.7 48.1 72.1
43 24.0 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: 0.289 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

Instrument :

BNA_E

ClientSampleId :

MW-2

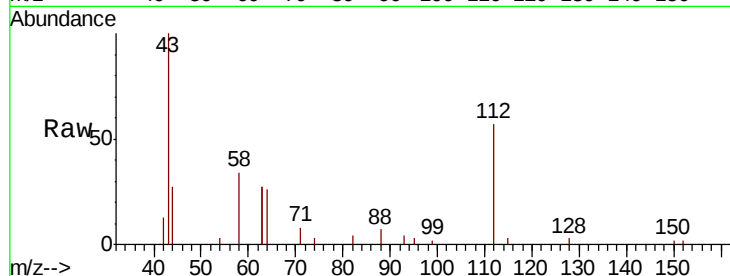
Tot Ion:112 Resp: 3091

Ion Ratio Lower Upper

112 100

64 55.0 43.7 65.5

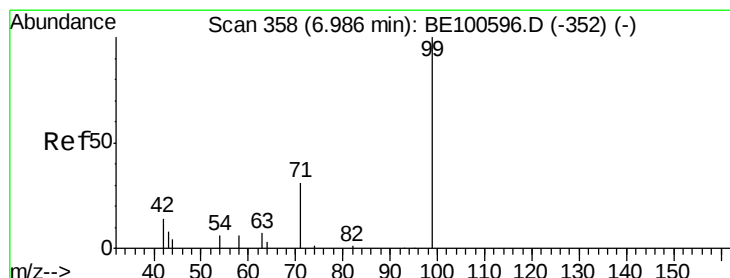
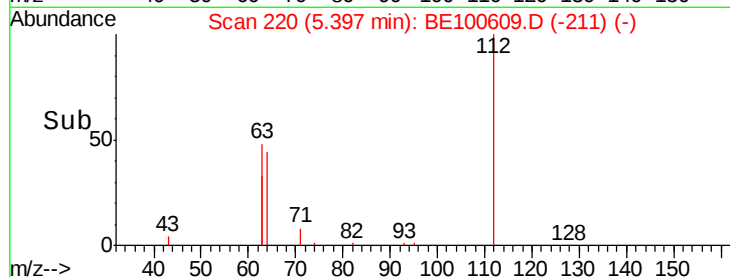
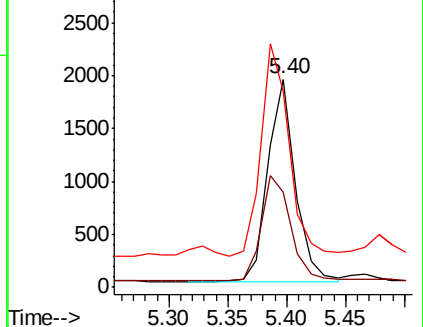
63 107.8 84.5 126.7



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: 0.229 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

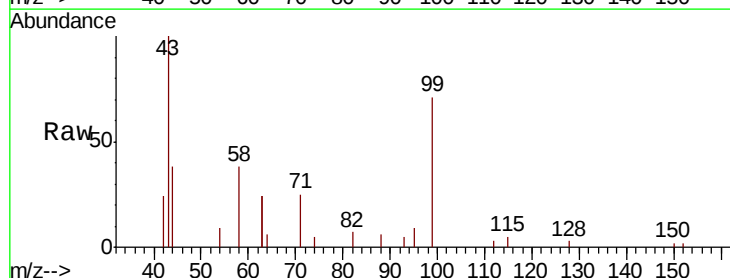
Tgt Ion: 99 Resp: 3080

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

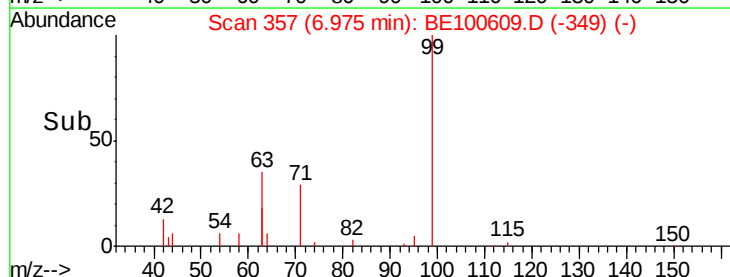
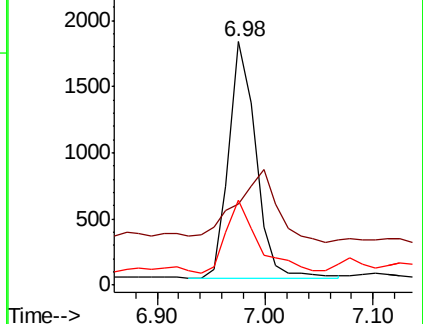
71 37.0 23.0 34.4#

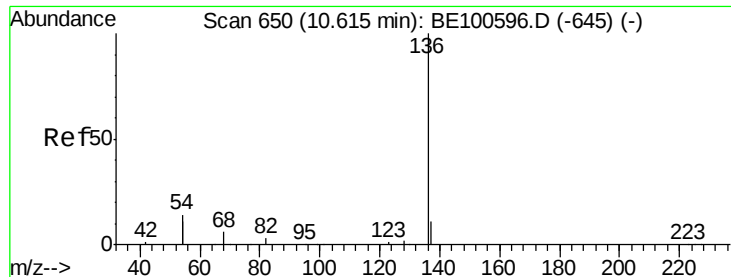


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

Instrument :

BNA_E

ClientSampleId :

MW-2

Tot Ion:136 Resp: 19422

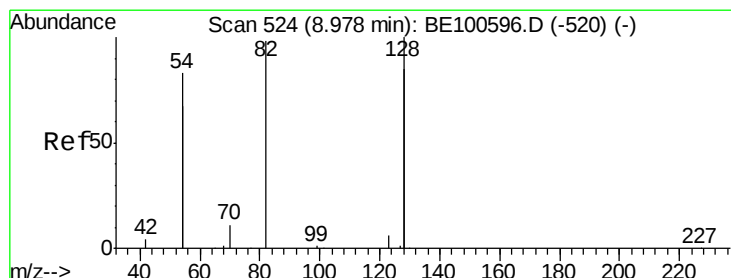
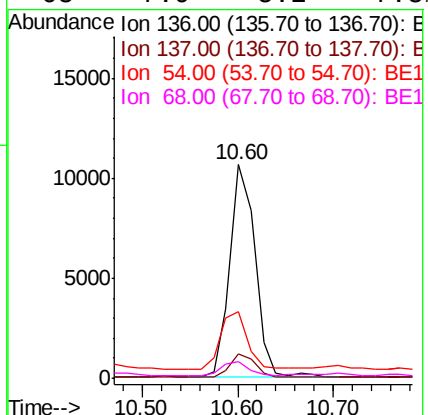
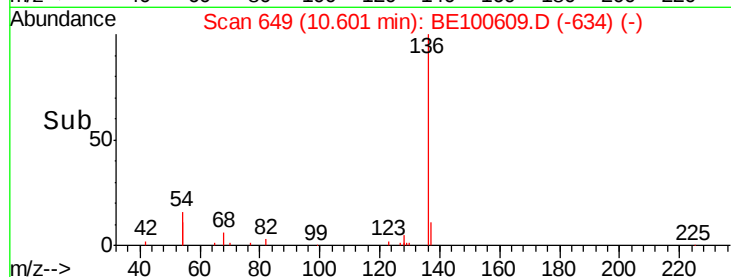
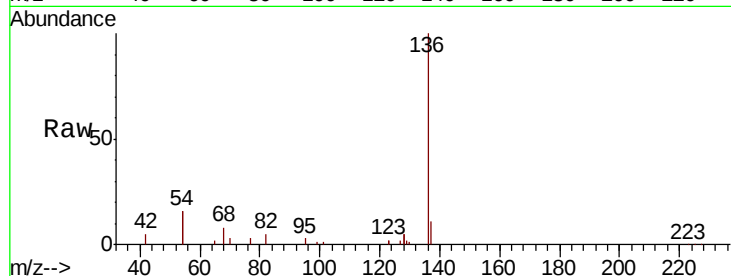
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 31.2 22.4 33.6

68 7.9 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

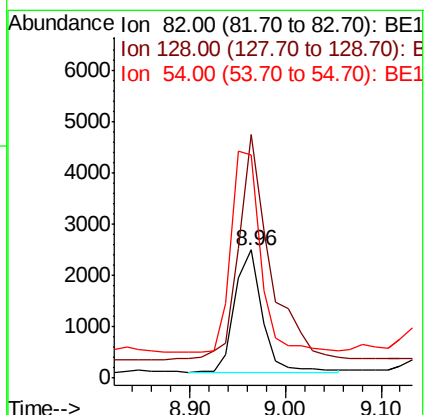
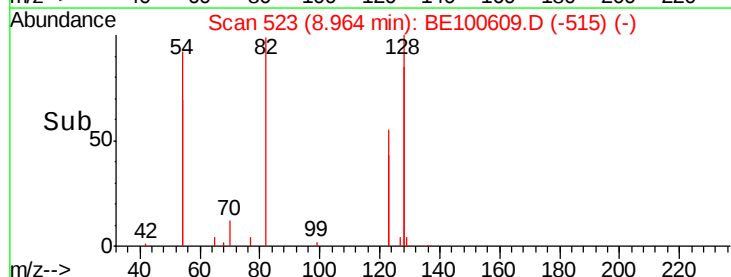
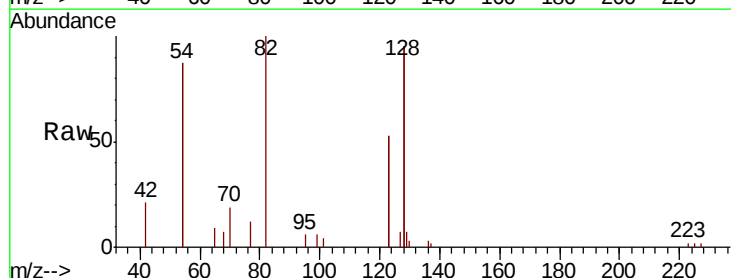
Tgt Ion: 82 Resp: 4699

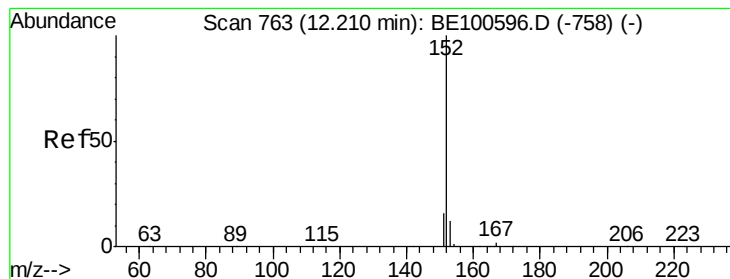
Ion Ratio Lower Upper

82 100

128 189.9 154.7 232.1

54 173.8 128.5 192.7

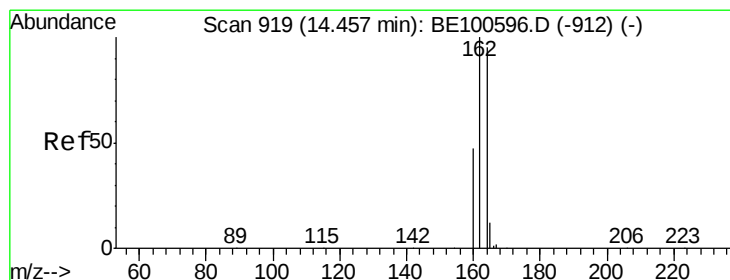
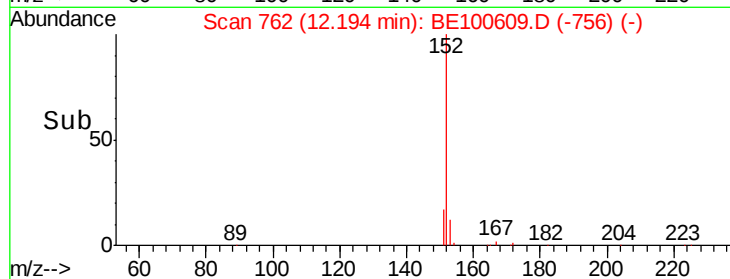
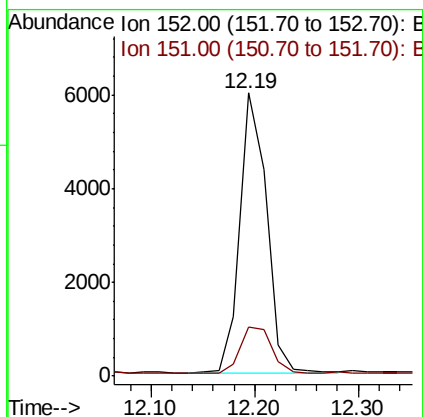
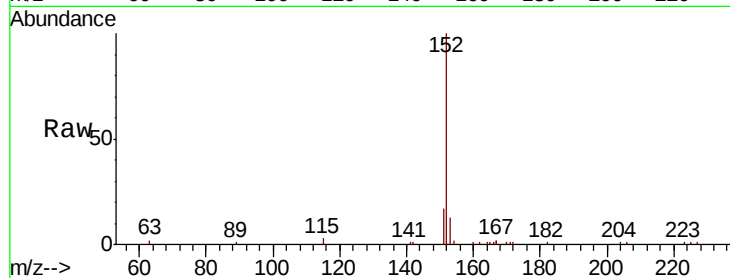




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BE100609.D
 Acq: 8 Oct 2019 15:26

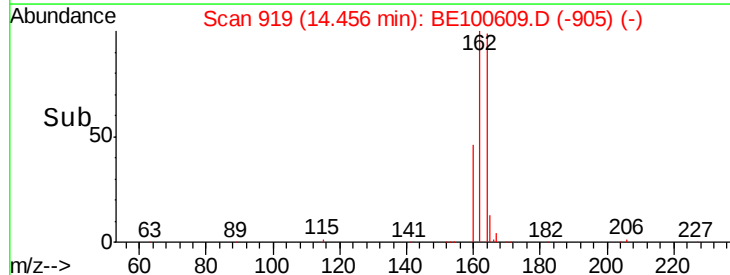
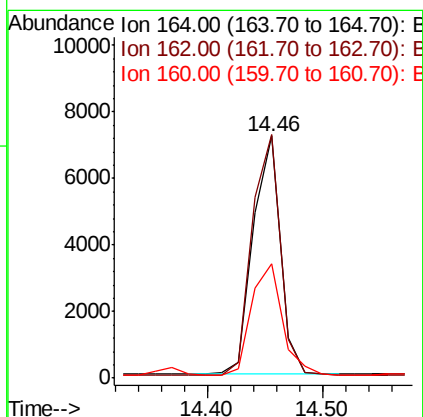
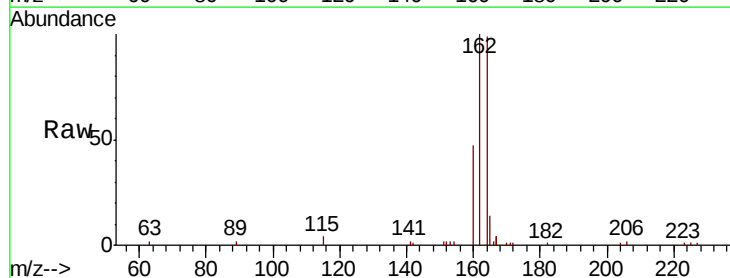
Instrument :
 BNA_E
 ClientSampleId :
 MW-2

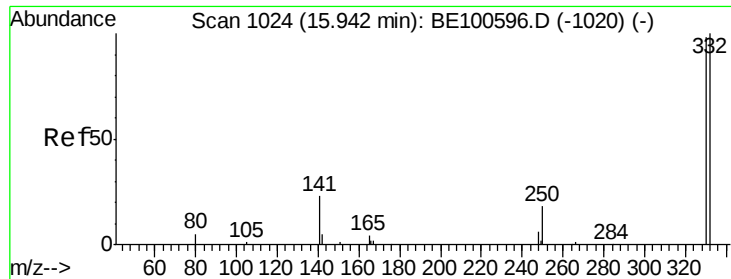
Tot Ion:152 Resp: 10613
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE100609.D
 Acq: 8 Oct 2019 15:26

Tgt Ion:164 Resp: 11786
 Ion Ratio Lower Upper
 164 100
 162 100.5 84.2 126.4
 160 47.3 40.2 60.4

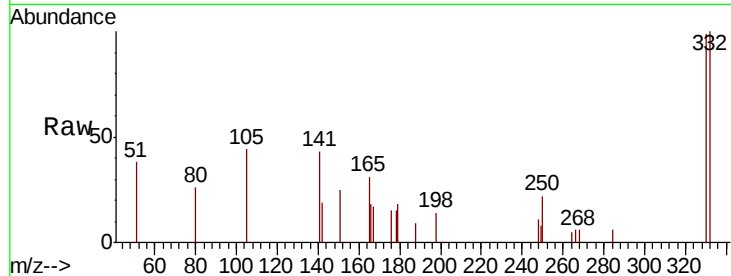




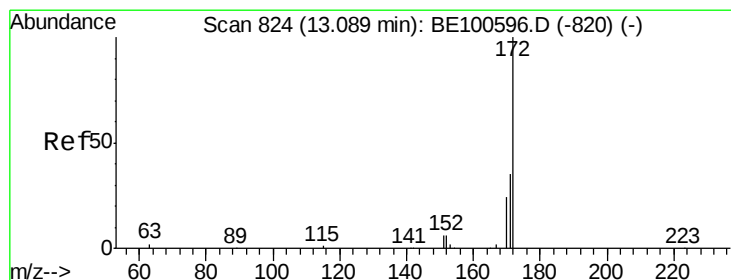
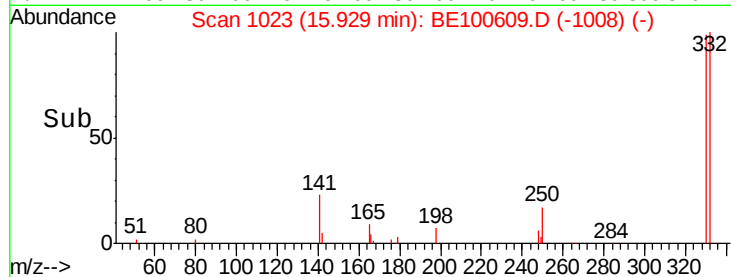
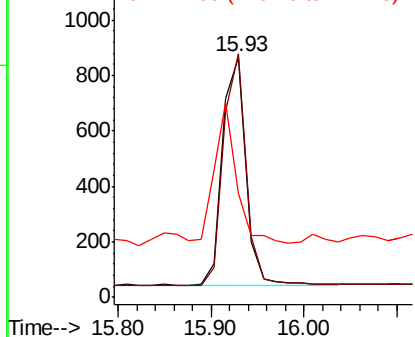
#14
 2,4,6-Tribromophenol
 Concen: 0.530 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BE100609.D
 Acq: 8 Oct 2019 15:26

Instrument :
 BNA_E
 ClientSampled :
 MW-2

Tot Ion:330 Resp: 1428
 Ion Ratio Lower Upper
 330 100
 332 99.6 78.5 117.7
 141 57.8 39.4 59.0

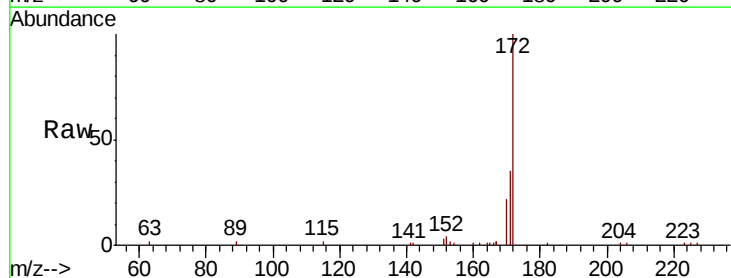


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

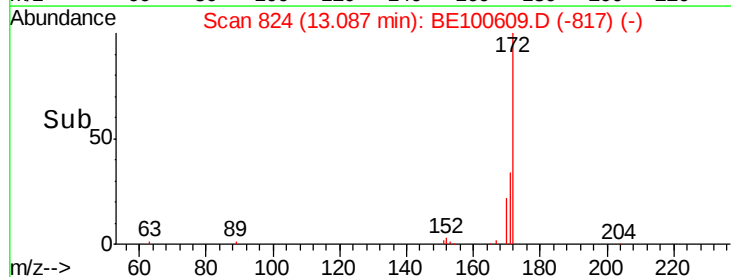
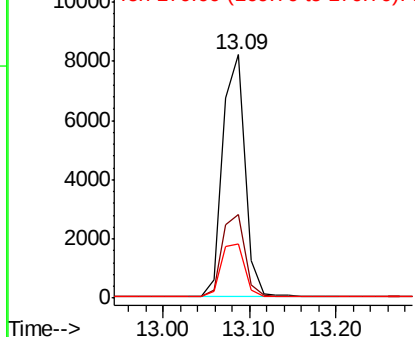


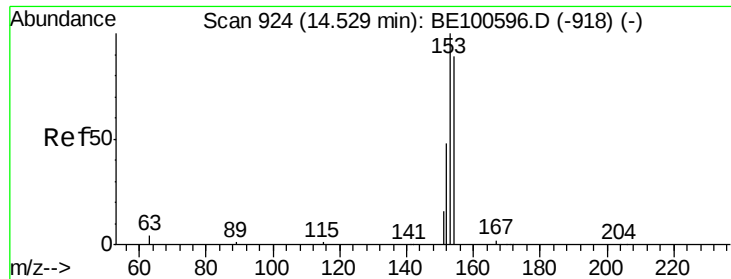
#15
 2-Fluorobiphenyl
 Concen: 0.342 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE100609.D
 Acq: 8 Oct 2019 15:26

Tgt Ion:172 Resp: 14616
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.7 43.1
 170 22.5 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

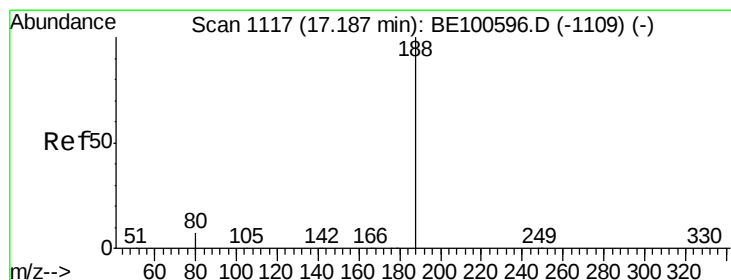
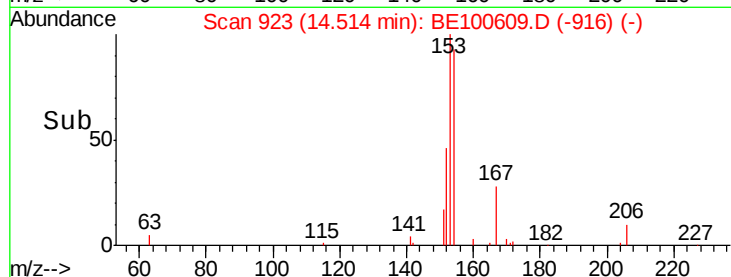
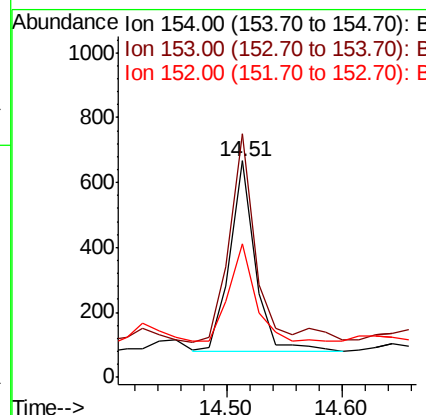
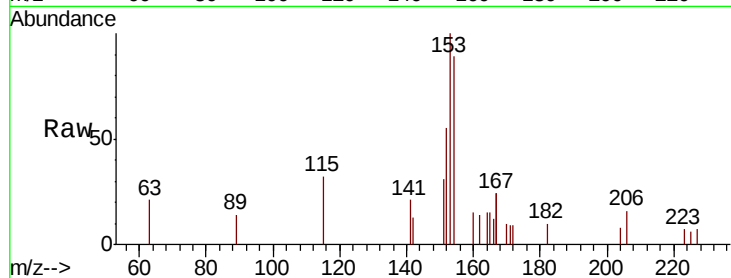




#17
Acenaphthene
Concen: 0.027 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

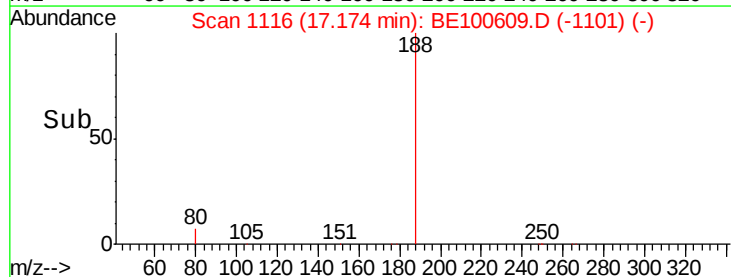
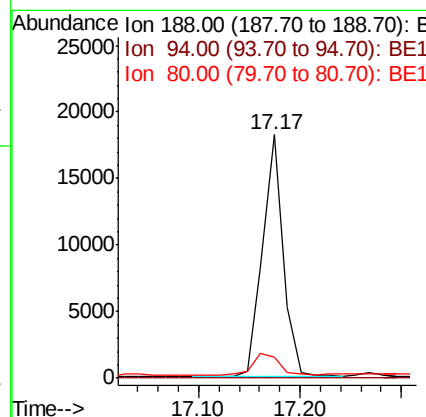
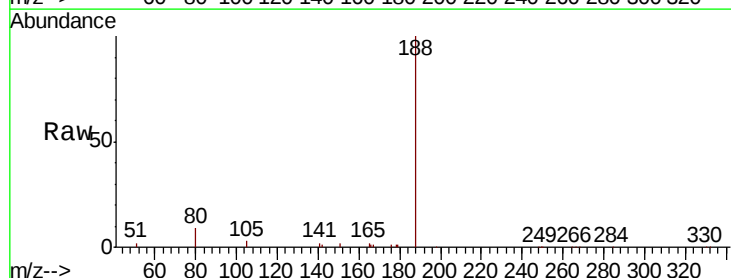
Instrument :
BNA_E
ClientSampled :
MW-2

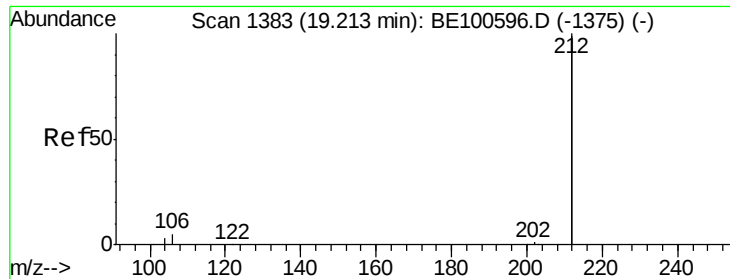
Tot Ion:154 Resp: 896
Ion Ratio Lower Upper
154 100
153 119.0 92.3 138.5
152 51.7 46.2 69.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100609.D
Acq: 8 Oct 2019 15:26

Tgt Ion:188 Resp: 26284
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 6.2 9.2





#25

Fluoranthene-d10

Concen: 0.414 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

Instrument :

BNA_E

ClientSampleId :

MW-2

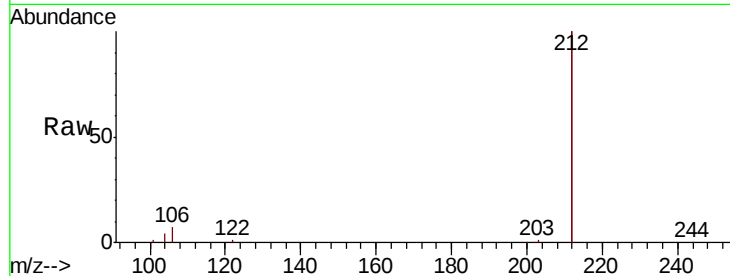
Tot Ion:212 Resp: 134301

Ion Ratio Lower Upper

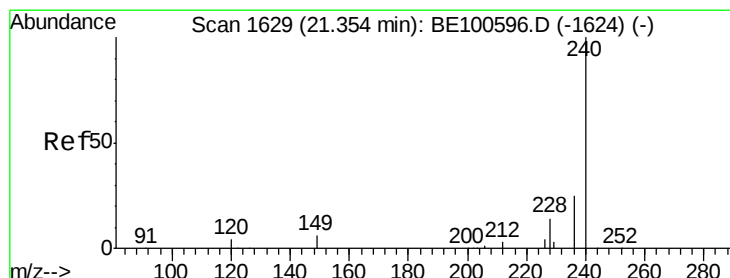
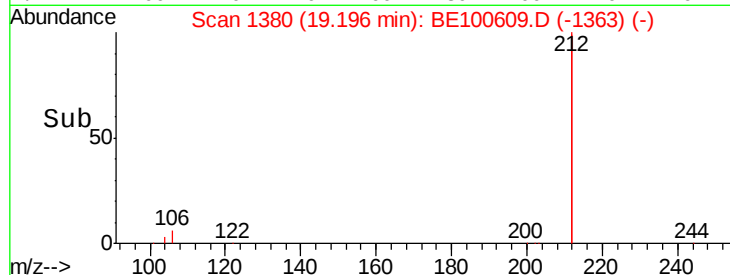
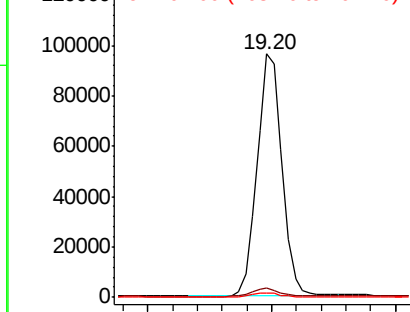
212 100

106 3.4 2.3 3.5

104 2.0 1.3 1.9#



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: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

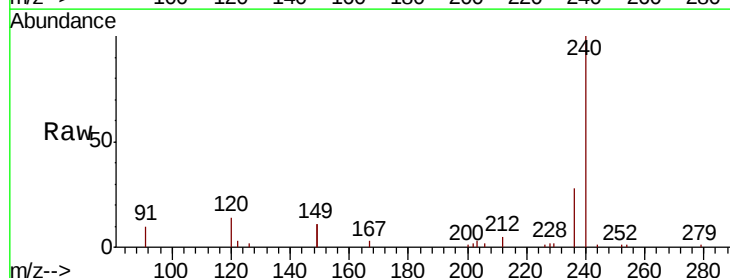
Tgt Ion:240 Resp: 32607

Ion Ratio Lower Upper

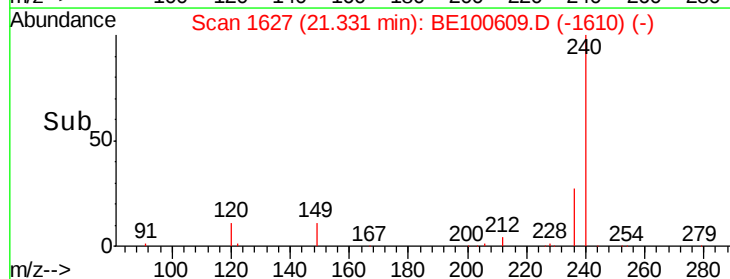
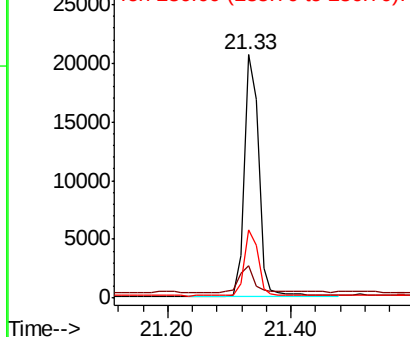
240 100

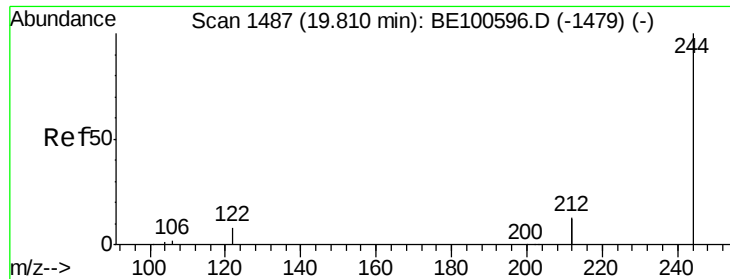
120 13.5 3.6 5.4#

236 28.1 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: 0.443 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

Instrument :

BNA_E

ClientSampleId :

MW-2

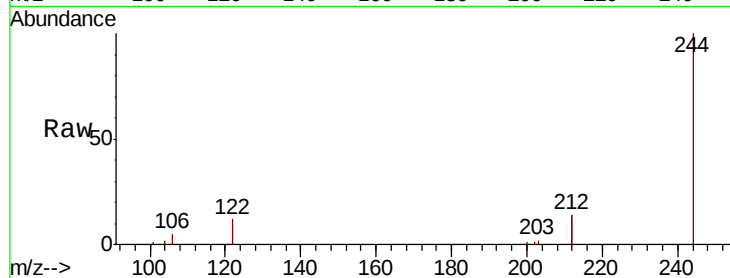
Tot Ion:244 Resp: 31895

Ion Ratio Lower Upper

244 100

212 28.4 20.6 31.0

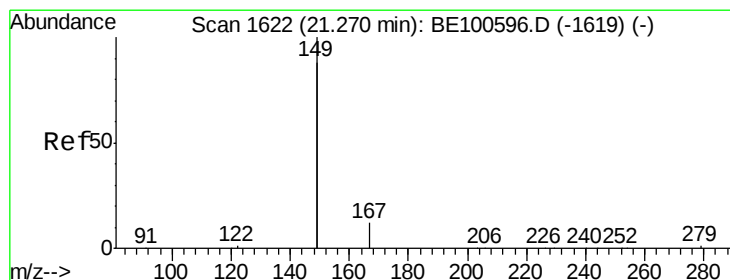
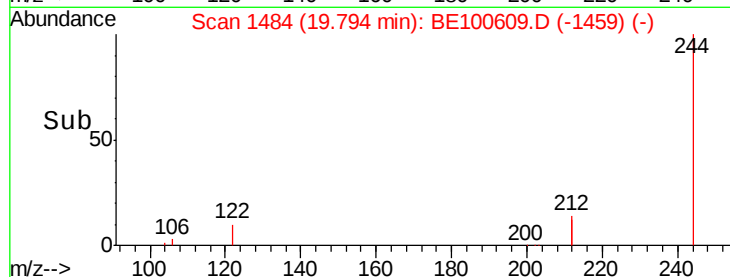
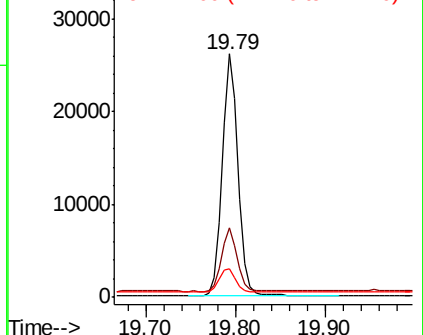
122 11.8 6.5 9.7#



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: 0.278 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100609.D

Acq: 8 Oct 2019 15:26

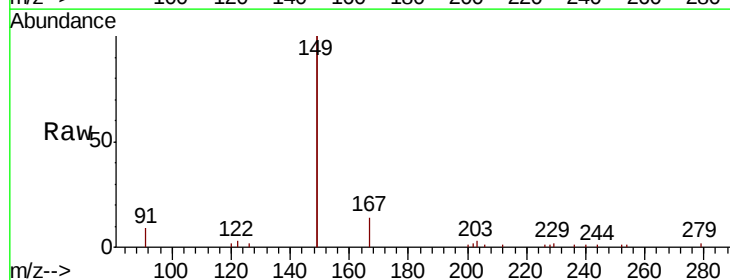
Tgt Ion:149 Resp: 48344

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

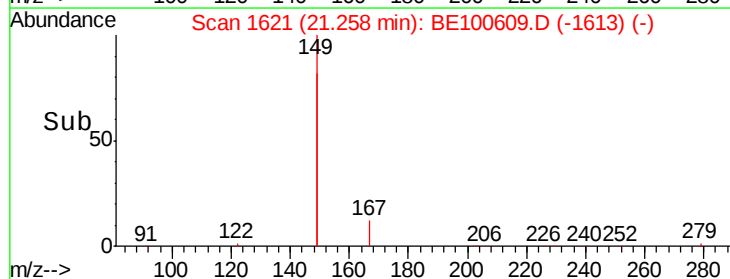
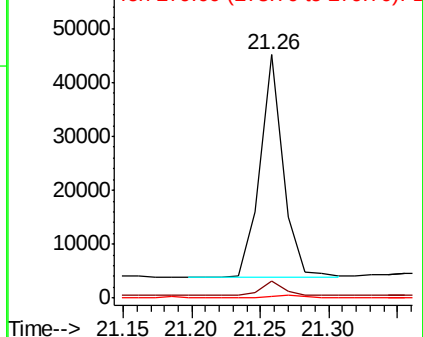
279 1.1 0.9 1.3

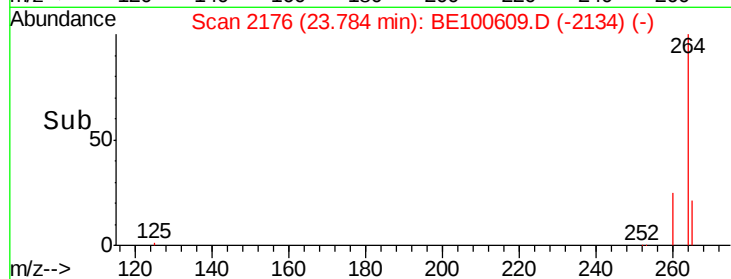
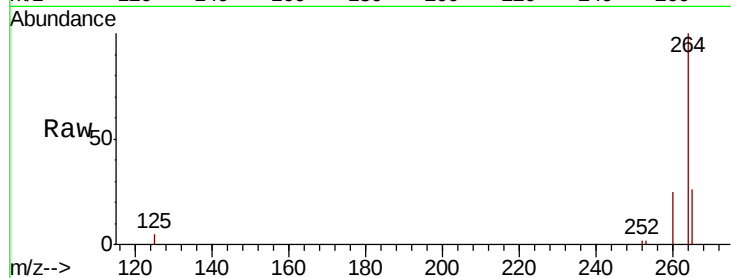
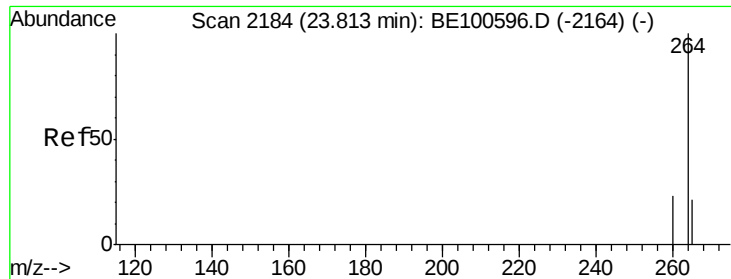


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.78 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BE100609.D
 Acq: 8 Oct 2019 15:26

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tot Ion:264	Resp:	37502
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.0 28.4
265	25.7	20.9 31.3

