

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100611.D
 Acq On : 8 Oct 2019 16:37
 Operator : JU
 Sample : K5109-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:45:55 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

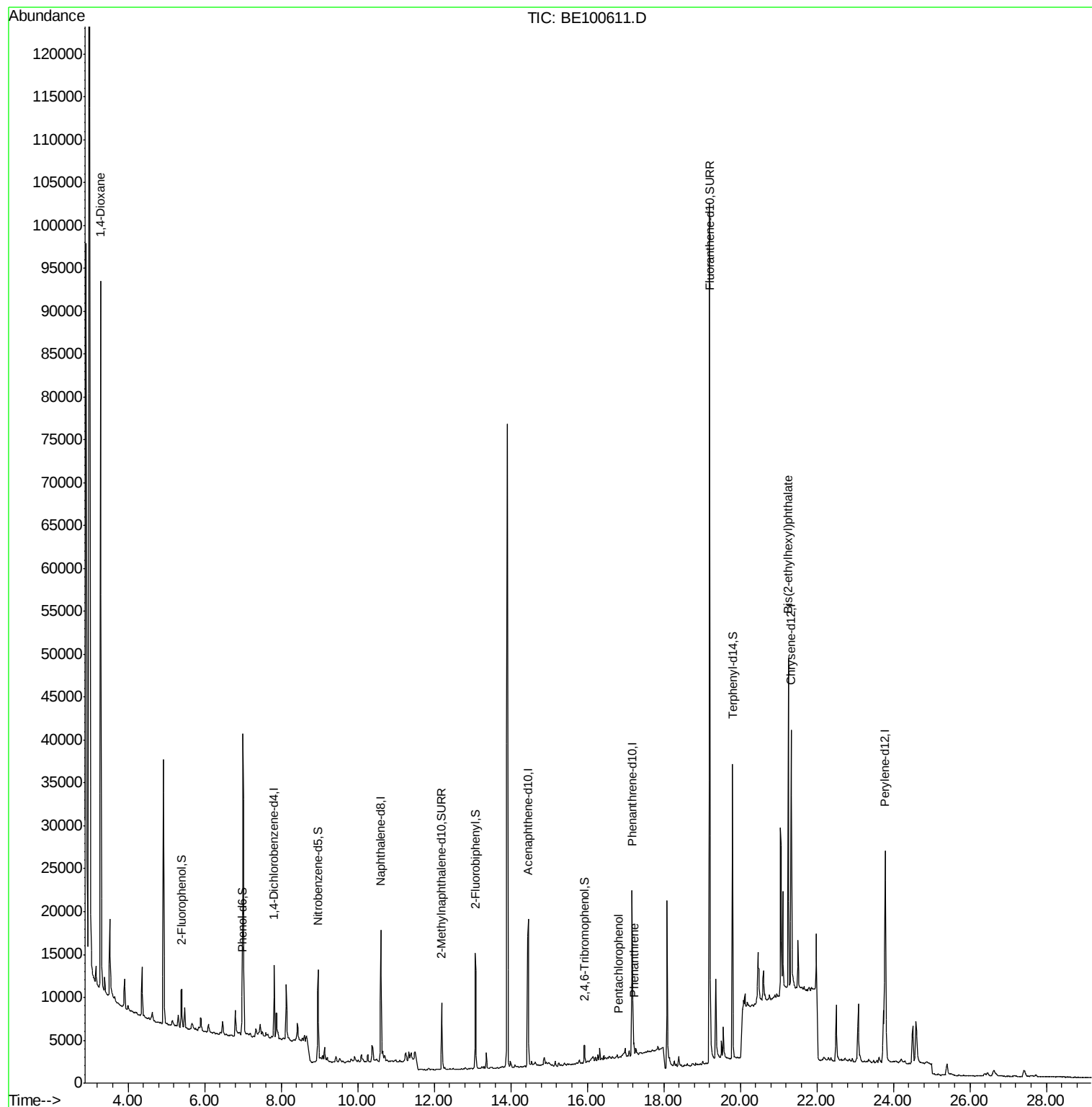
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4025	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	19261	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11627	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	26026	0.40	ng	0.00
27) Chrysene-d12	21.33	240	32422	0.40	ng	0.00
34) Perylene-d12	23.79	264	36994	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3145	0.29	ng	0.00
5) Phenol-d6	6.98	99	3232	0.24	ng	-0.01
8) Nitrobenzene-d5	8.97	82	4379	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10447	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	1285	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	13954	0.33	ng	-0.01
25) Fluoranthene-d10	19.20	212	134714	0.42	ng	0.00
29) Terphenyl-d14	19.79	244	30827	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	56699	8.364	ng	# 87
22) Pentachlorophenol	16.83	266	52	0.348	ng	# 78
23) Phenanthrene	17.21	178	1531	0.021	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.26	149	39520	0.228	ng	100

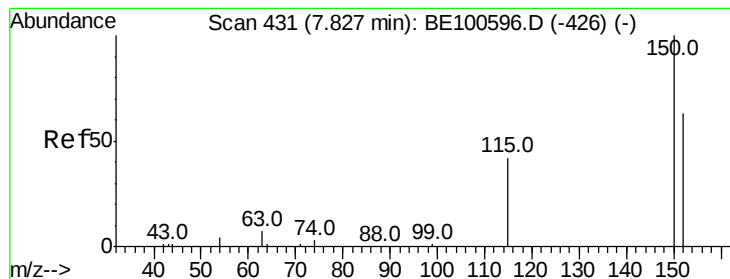
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

Instrument :

BNA_E

ClientSampled :

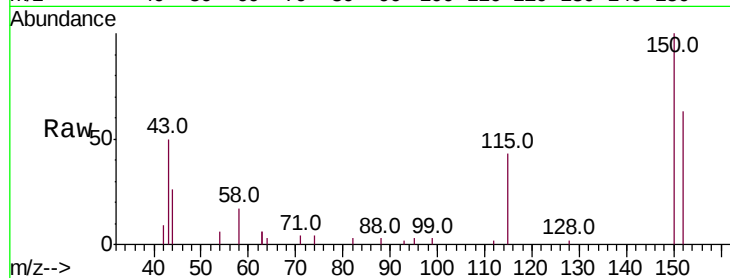
Tot Ion:152 Resp: 4025

Ion Ratio Lower Upper

152 100

150 158.0 126.5 189.7

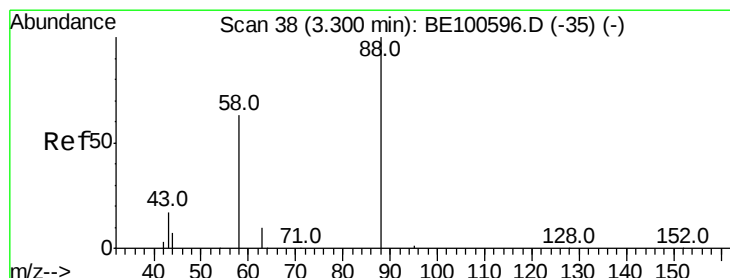
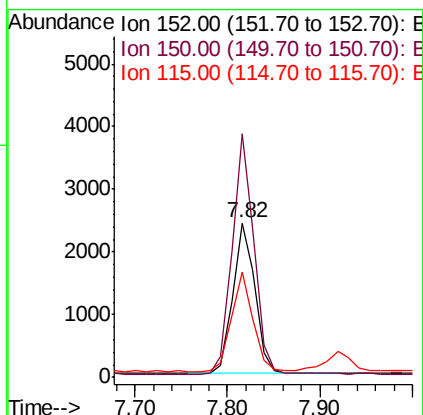
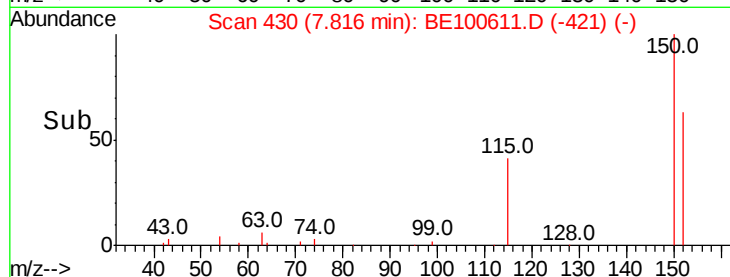
115 68.1 54.6 81.8



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: 8.364 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

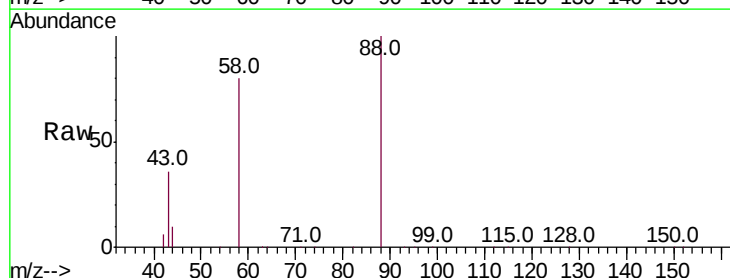
Tgt Ion: 88 Resp: 56699

Ion Ratio Lower Upper

88 100

58 69.3 48.1 72.1

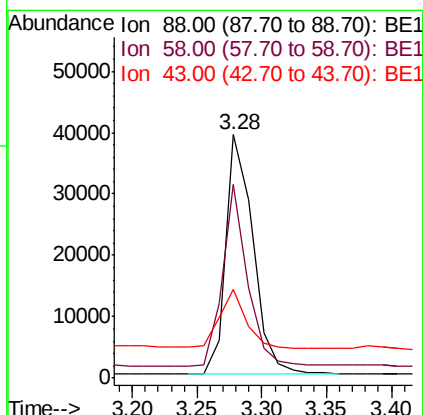
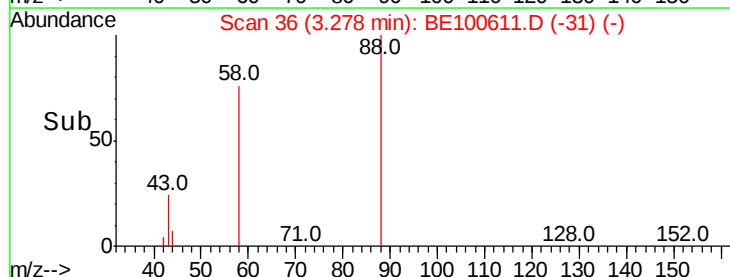
43 24.8 14.4 21.6#

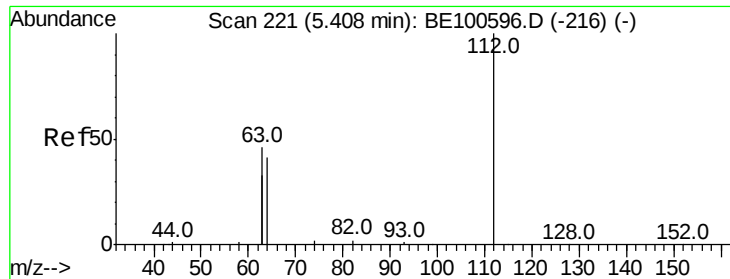


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.290 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

Instrument :

BNA_E

ClientSampleId :

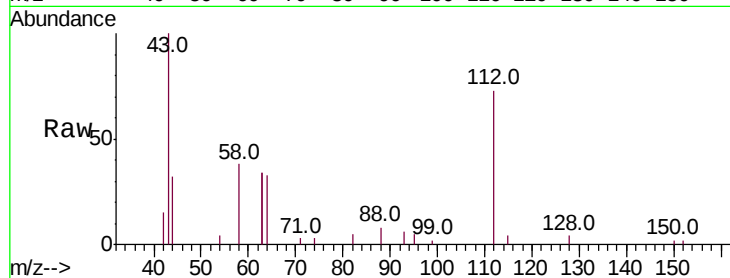
Tot Ion:112 Resp: 3145

Ion Ratio Lower Upper

112 100

64 55.4 43.7 65.5

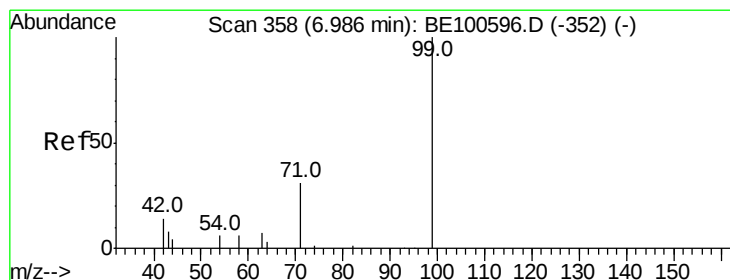
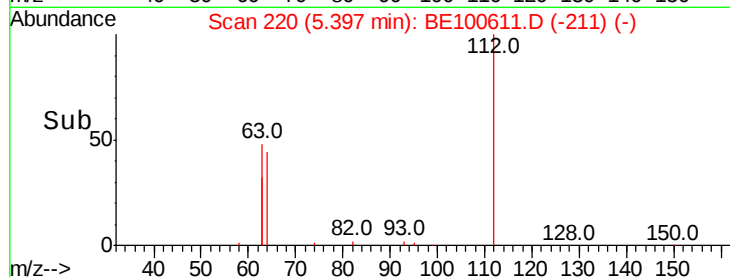
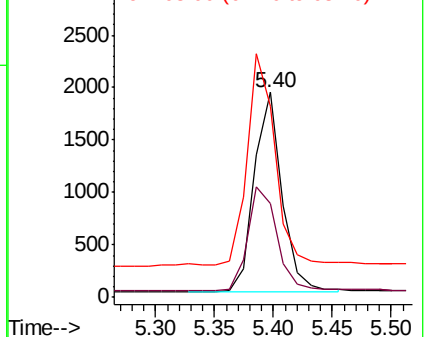
63 106.1 84.5 126.7



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: 0.237 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

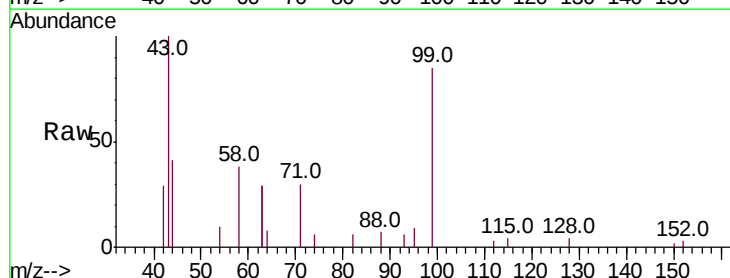
Tgt Ion: 99 Resp: 3232

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

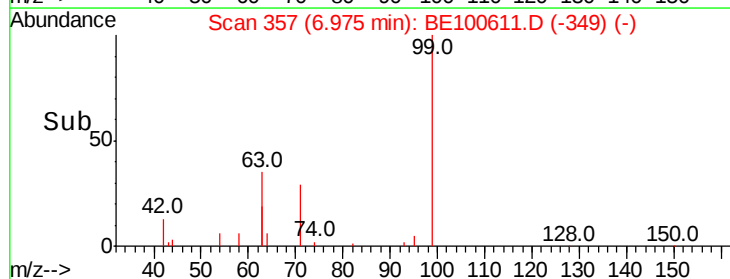
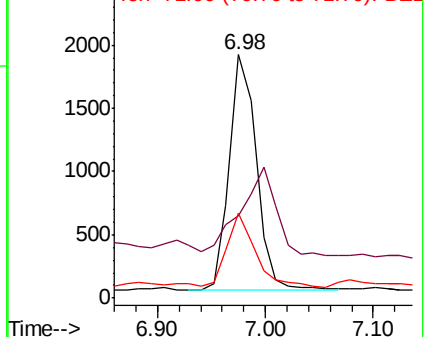
71 32.5 23.0 34.4

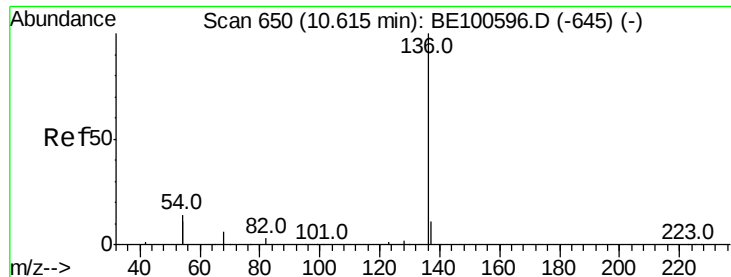


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100611.D

Acq: 8 Oct 2019 16:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19261

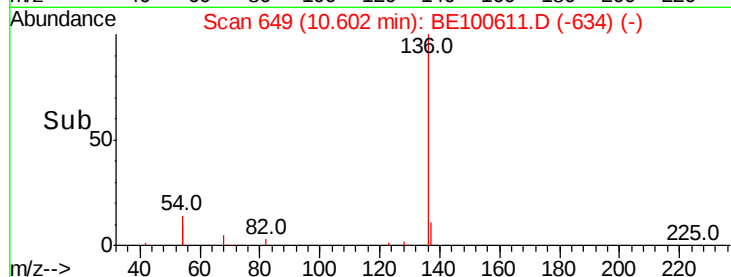
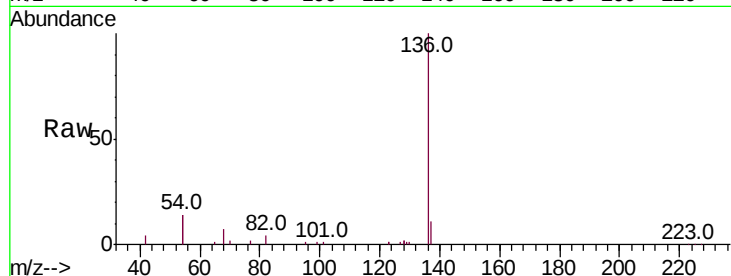
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 28.3 22.4 33.6

68 6.6 5.2 7.8

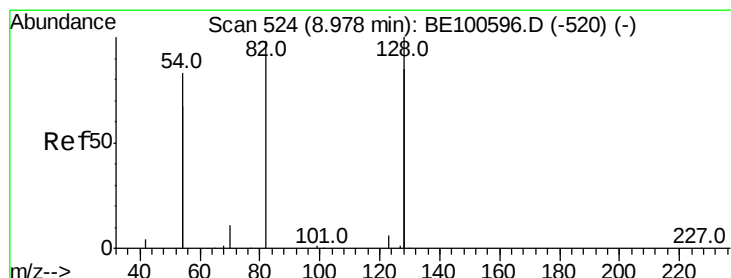
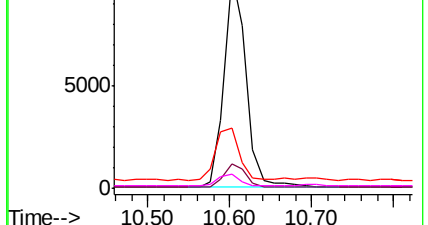


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

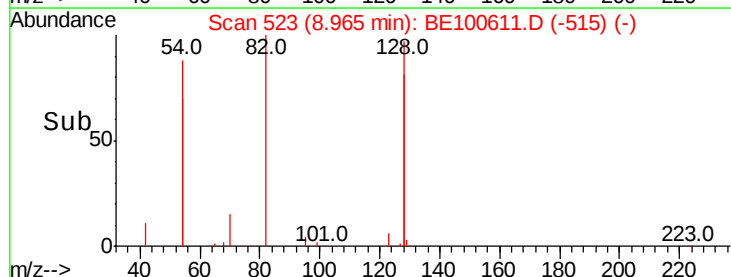
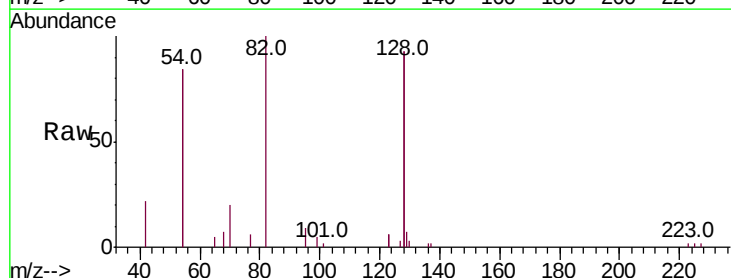
Tgt Ion: 82 Resp: 4379

Ion Ratio Lower Upper

82 100

128 185.1 154.7 232.1

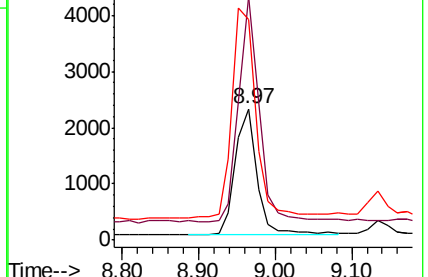
54 167.5 128.5 192.7

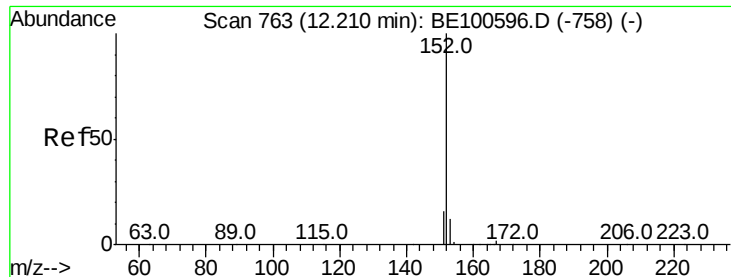


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

Instrument :

BNA_E

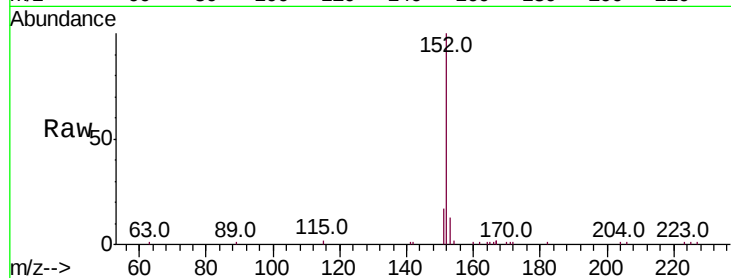
ClientSampleId :

Tot Ion:152 Resp: 10447

Ion Ratio Lower Upper

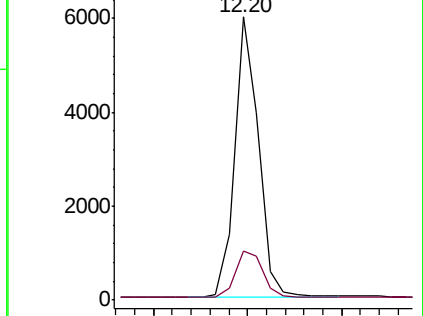
152 100

151 19.6 15.2 22.8

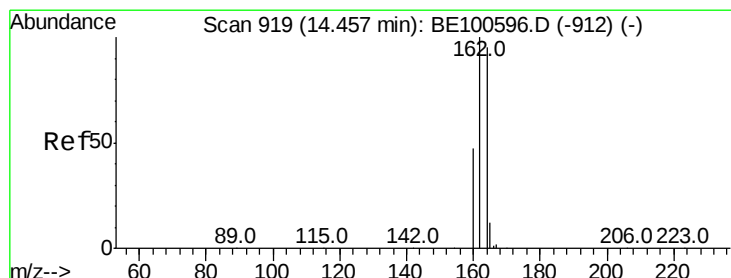
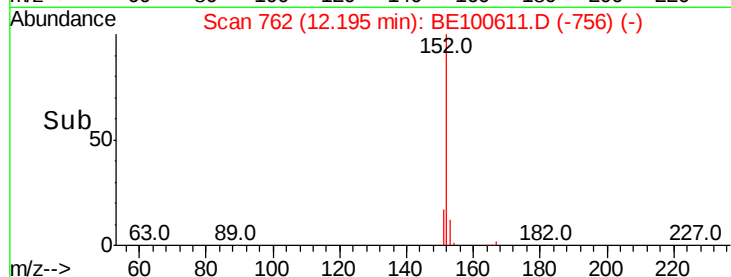


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

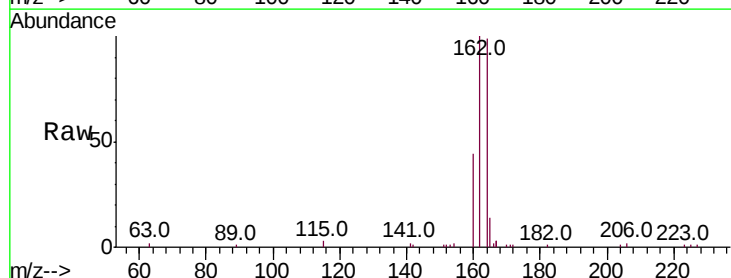
Tgt Ion:164 Resp: 11627

Ion Ratio Lower Upper

164 100

162 101.1 84.2 126.4

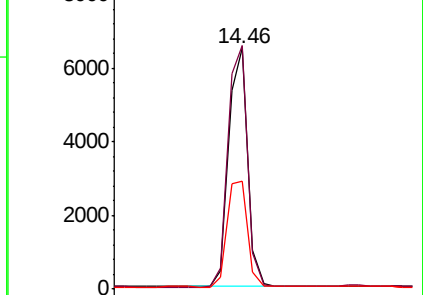
160 44.8 40.2 60.4



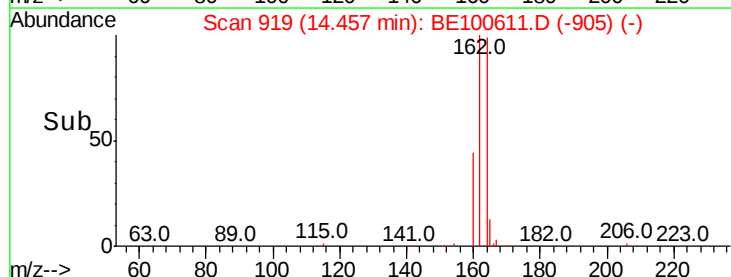
Abundance Ion 164.00 (163.70 to 164.70): E

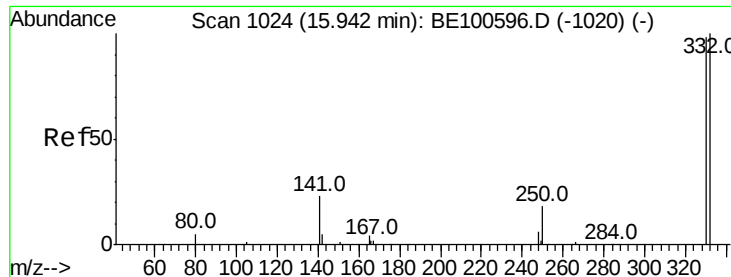
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#14

2,4,6-Tribromophenol

Concen: 0.484 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

Instrument :

BNA_E

ClientSampled :

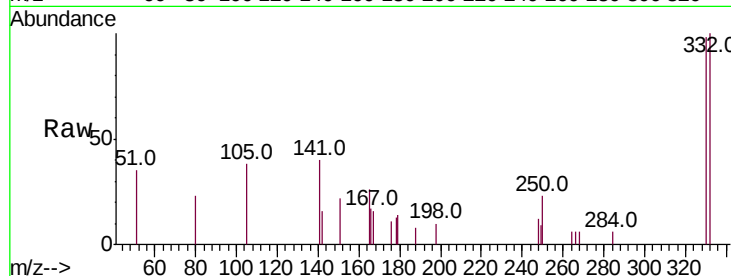
Tot Ion:330 Resp: 1285

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

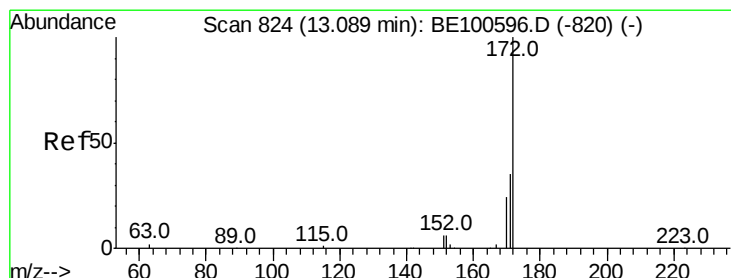
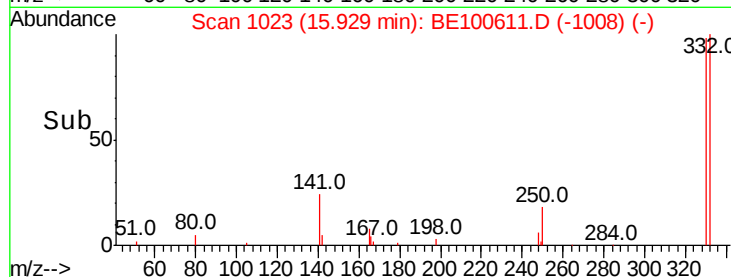
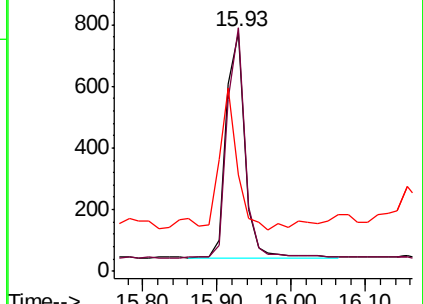
141 64.2 39.4 59.0#



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: 0.331 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

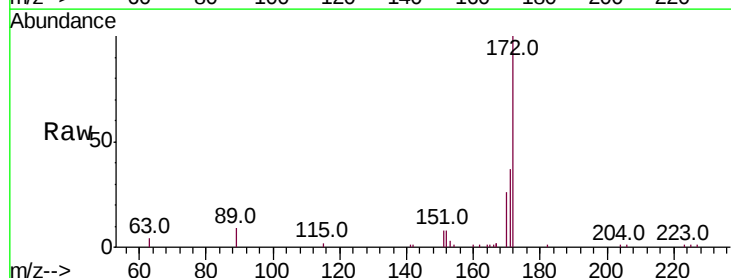
Tgt Ion:172 Resp: 13954

Ion Ratio Lower Upper

172 100

171 37.3 28.7 43.1

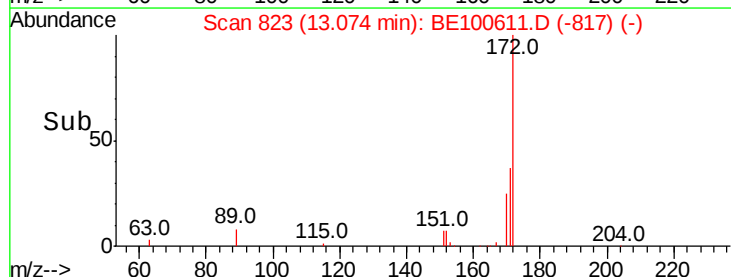
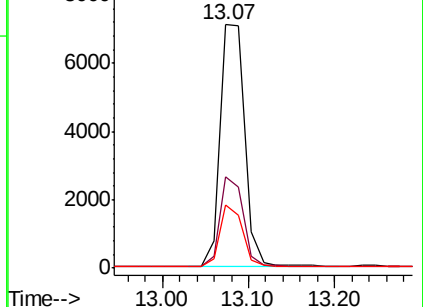
170 25.7 19.8 29.8

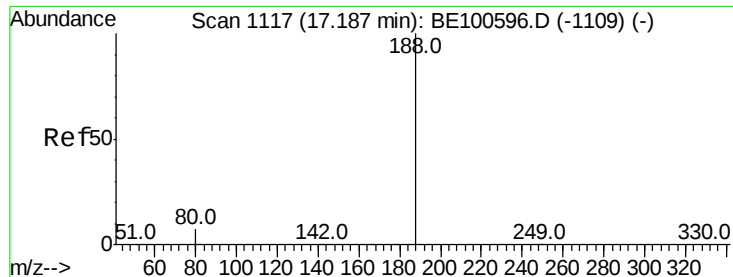


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

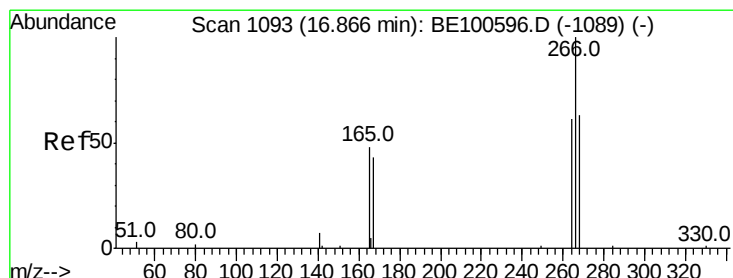
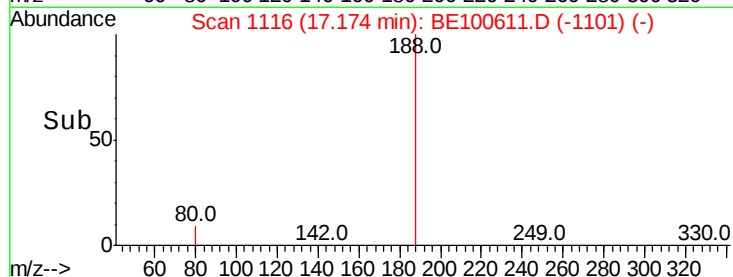
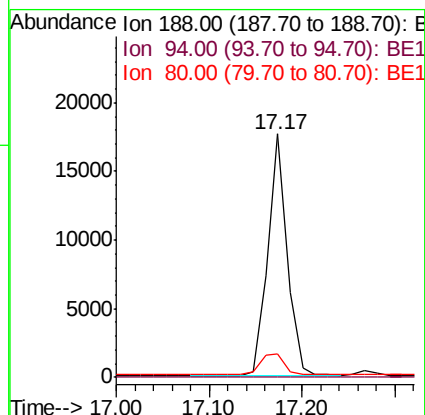
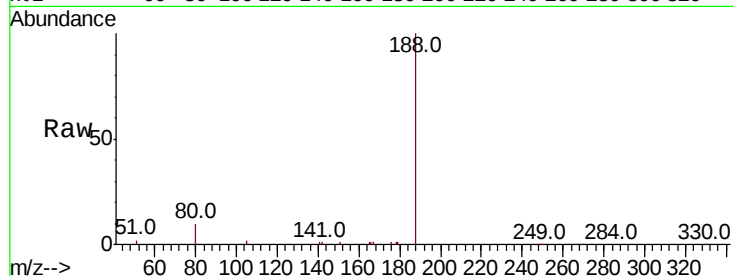




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100611.D
Acq: 8 Oct 2019 16:37

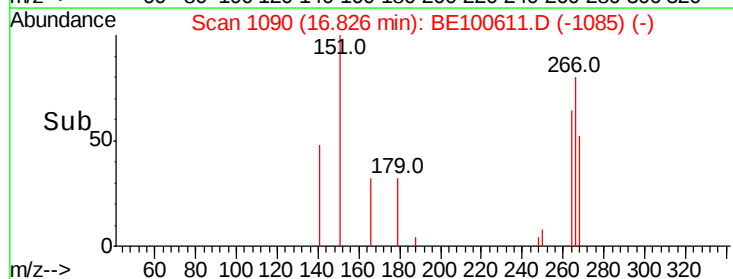
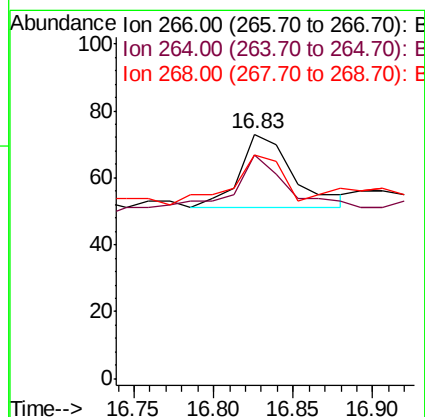
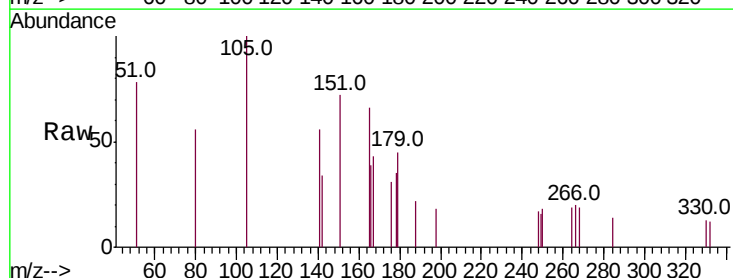
Instrument :
BNA_E
ClientSampleId :

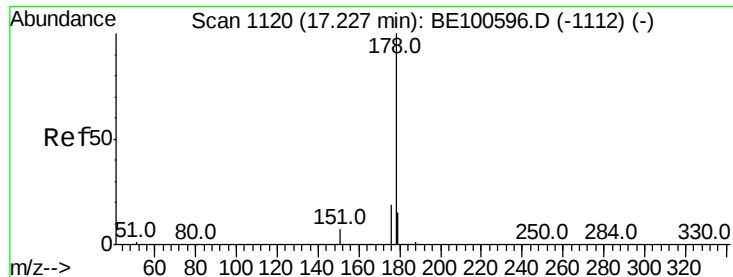
Tot Ion:188 Resp: 26026
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.2 9.2#



#22
Pentachlorophenol
Concen: 0.348 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BE100611.D
Acq: 8 Oct 2019 16:37

Tgt Ion:266 Resp: 52
Ion Ratio Lower Upper
266 100
264 91.8 56.3 84.5#
268 91.8 60.3 90.5#





#23

Phenanthrene

Concen: 0.021 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

Instrument :

BNA_E

ClientSampled :

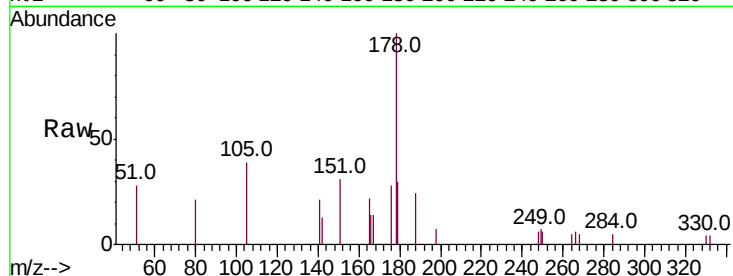
Tot Ion:178 Resp: 1531

Ion Ratio Lower Upper

178 100

176 21.5 15.4 23.2

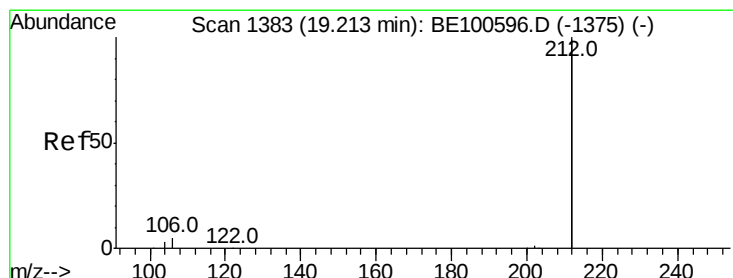
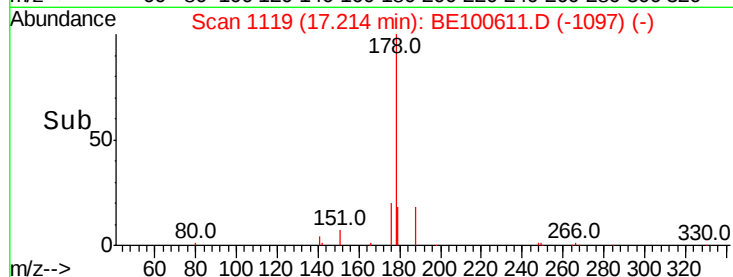
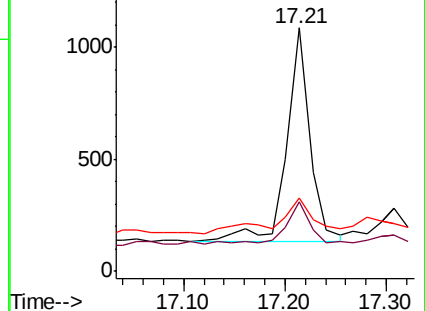
179 26.1 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

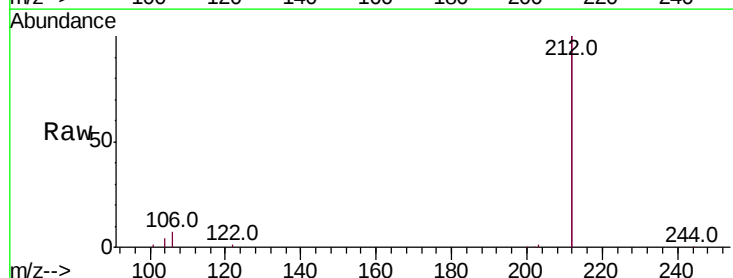
Tgt Ion:212 Resp: 134714

Ion Ratio Lower Upper

212 100

106 3.6 2.3 3.5#

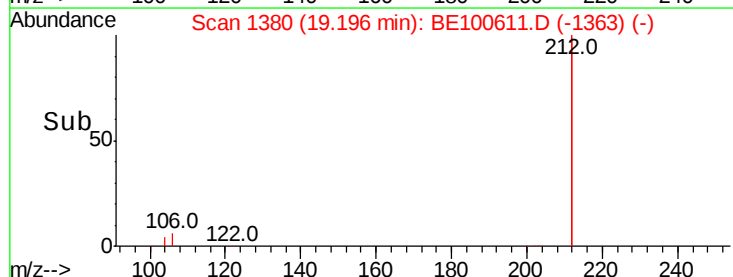
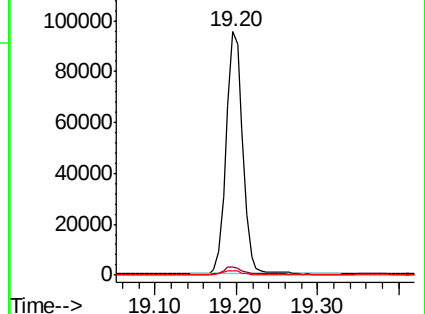
104 1.9 1.3 1.9#

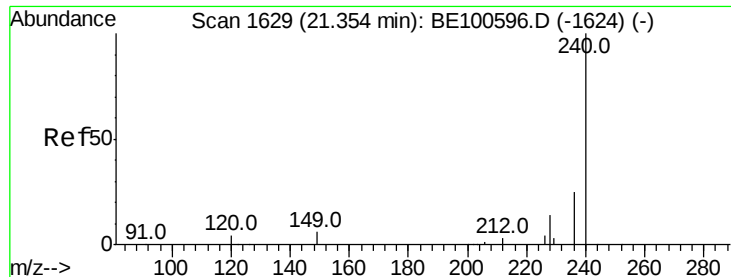


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE100611.D

Acq: 8 Oct 2019 16:37

Instrument :

BNA_E

ClientSampleId :

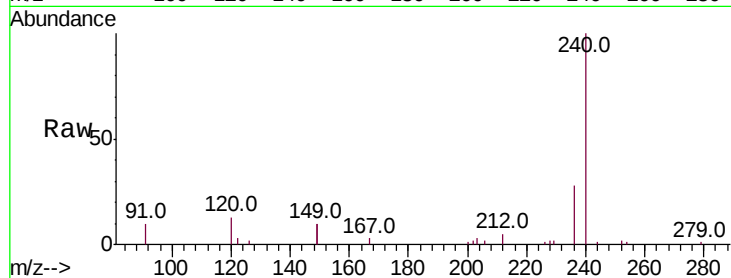
Tot Ion:240 Resp: 32422

Ion Ratio Lower Upper

240 100

120 13.2 3.6 5.4#

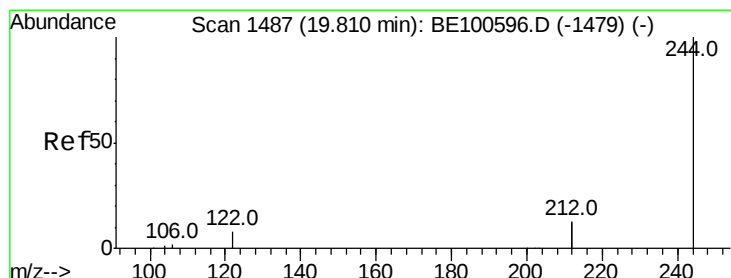
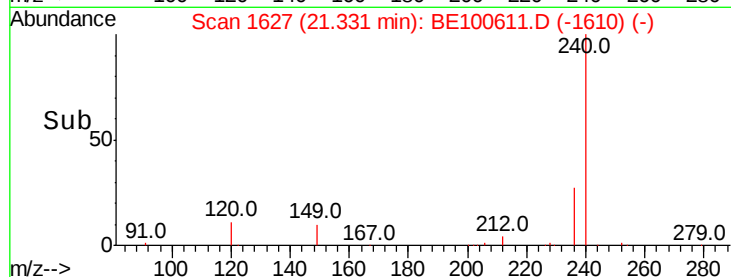
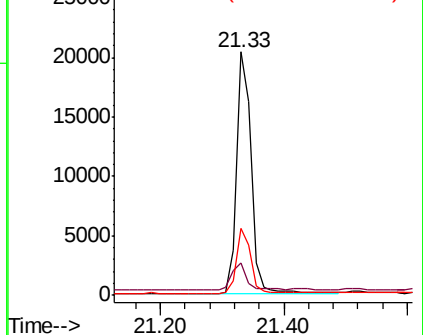
236 27.5 20.5 30.7



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: 0.430 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100611.D

Acq: 8 Oct 2019 16:37

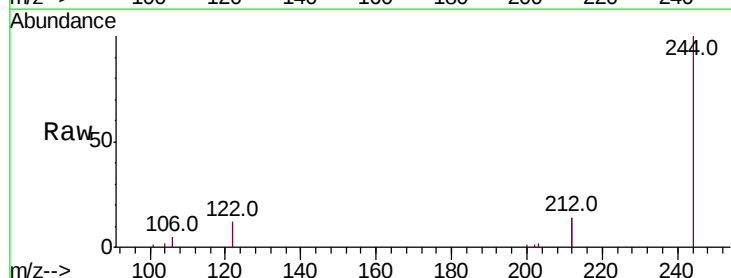
Tgt Ion:244 Resp: 30827

Ion Ratio Lower Upper

244 100

212 28.9 20.6 31.0

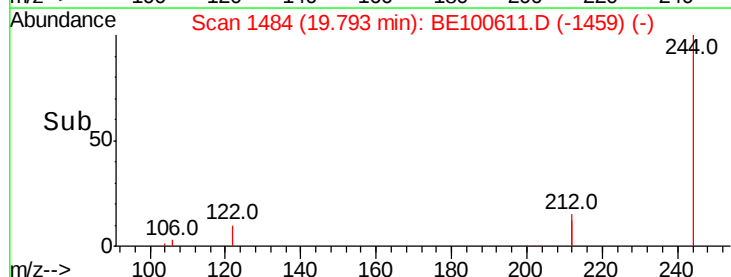
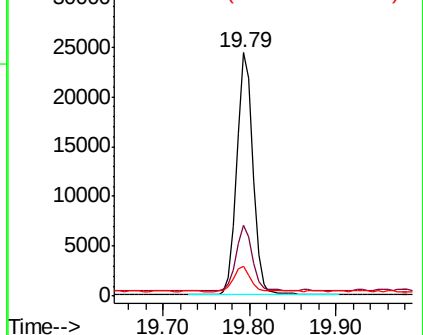
122 12.2 6.5 9.7#

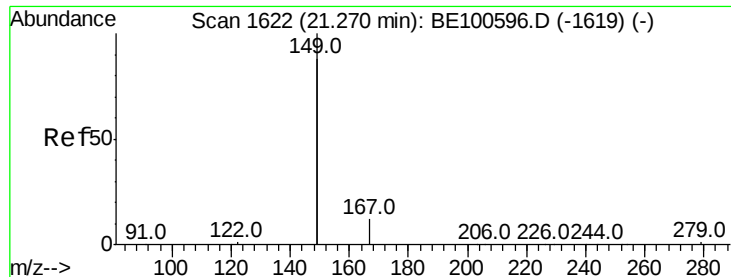


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

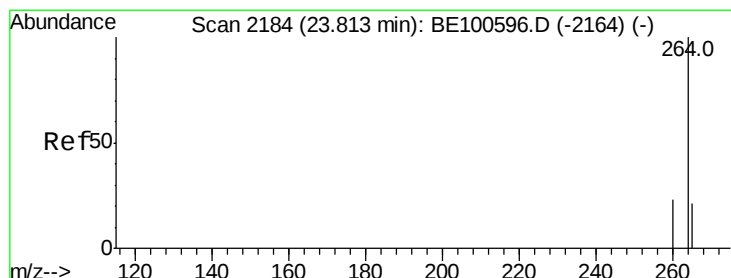
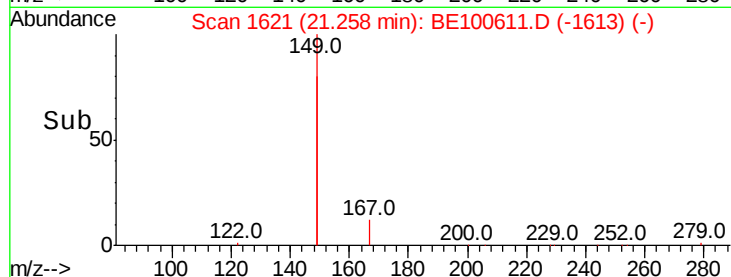
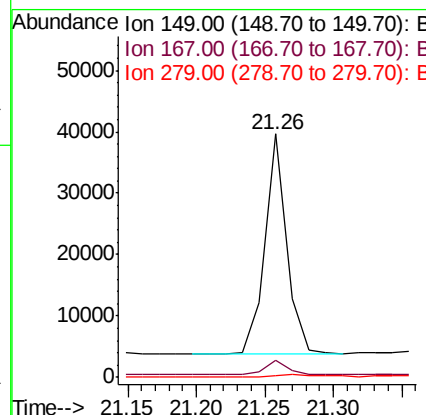
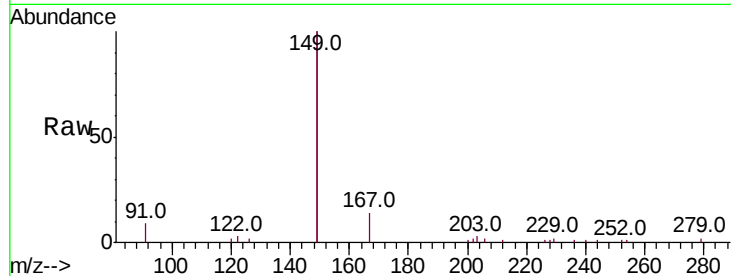




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.228 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BE100611.D
 Acq: 8 Oct 2019 16:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 39520
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.2 0.9 1.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.79 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BE100611.D
 Acq: 8 Oct 2019 16:37

Tgt Ion:264 Resp: 36994
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 26.3 20.9 31.3

