

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100608.D
 Acq On : 8 Oct 2019 14:47
 Operator : JU
 Sample : K5109-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:45:33 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	4145	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	20184	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	12530	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	28161	0.40	ng	0.00
27) Chrysene-d12	21.33	240	33230	0.40	ng	0.00
34) Perylene-d12	23.78	264	37988	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	3117	0.28	ng	0.00
5) Phenol-d6	6.98	99	3114	0.22	ng	-0.01
8) Nitrobenzene-d5	8.96	82	4206	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10753	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	1578	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	16603	0.37	ng	-0.01
25) Fluoranthene-d10	19.20	212	131877	0.38	ng	0.00
29) Terphenyl-d14	19.79	244	31306	0.43	ng	0.00

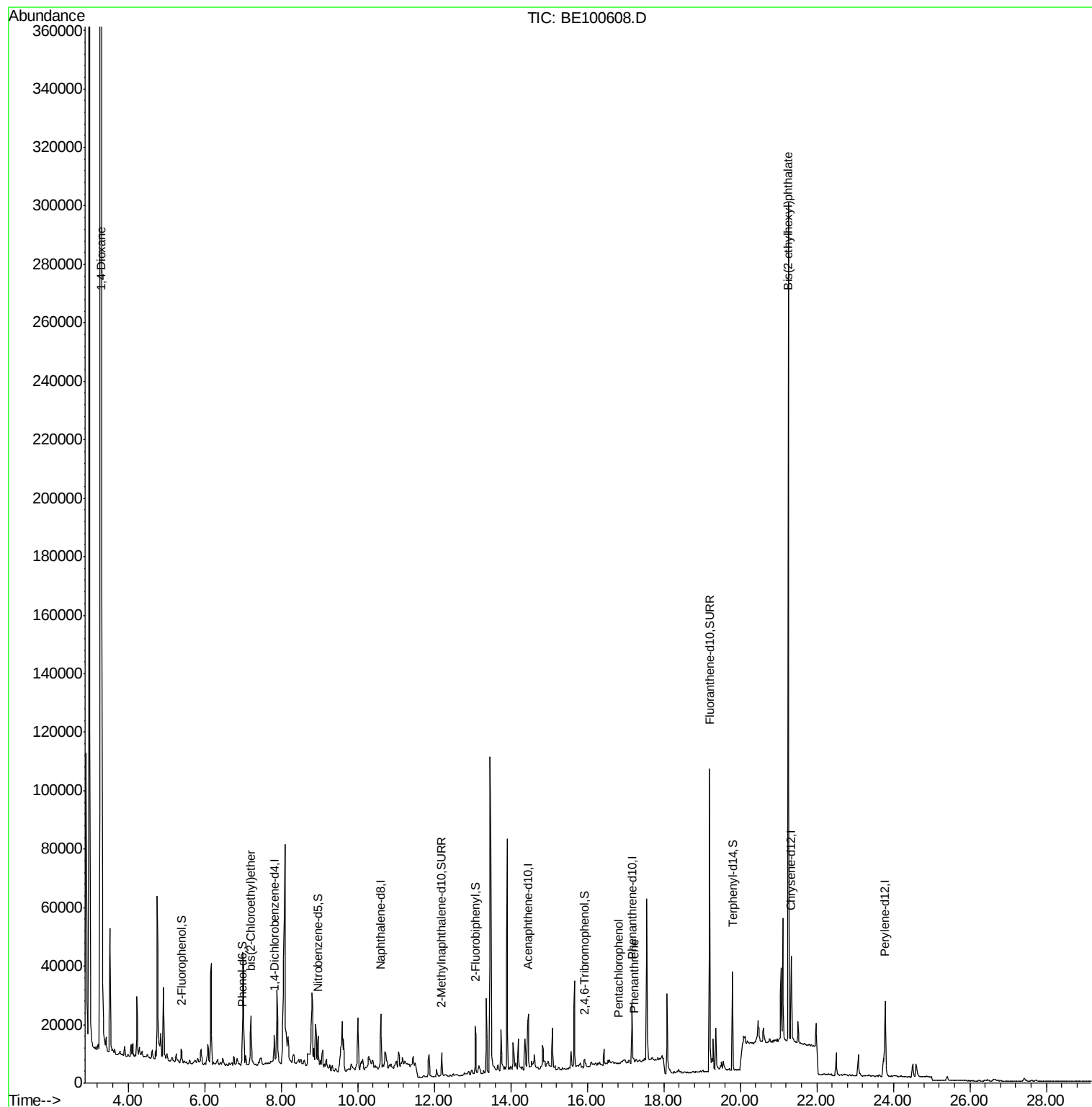
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	3822399	547.514	ng	# 86
6) bis(2-Chloroethyl)ether	7.21	93	311	0.024	ng	# 1
22) Pentachlorophenol	16.83	266	108	0.358	ng	86
23) Phenanthrene	17.21	178	1990	0.025	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.26	149	290128	1.635	ng	100

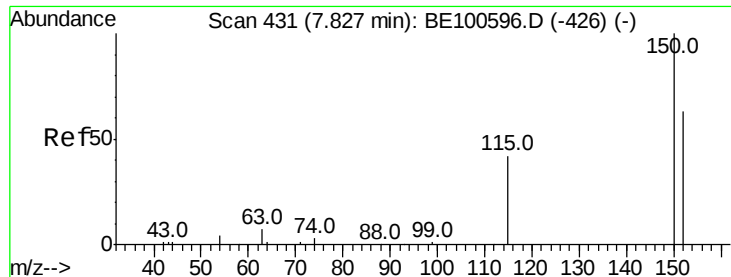
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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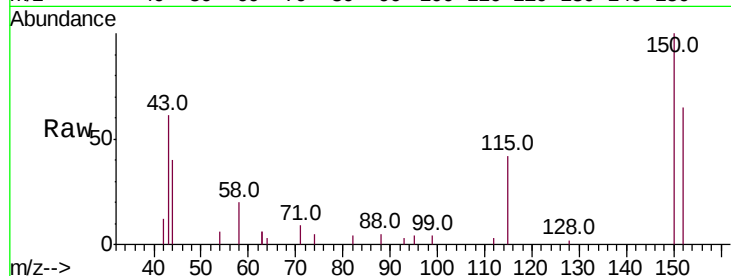


#1

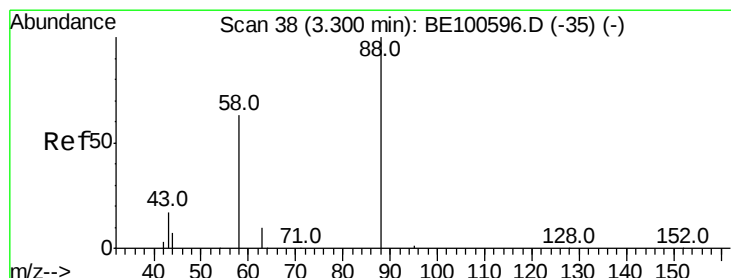
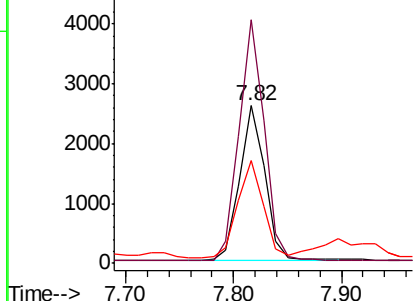
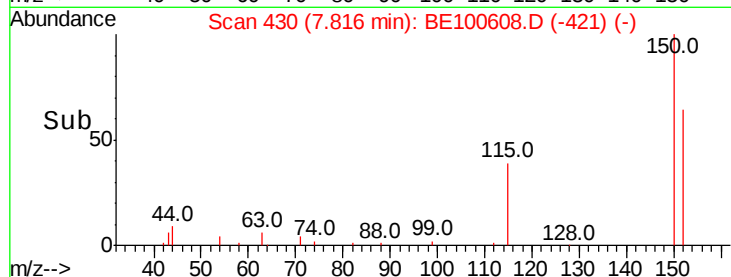
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4145
Ion Ratio Lower Upper
152 100
150 154.4 126.5 189.7
115 65.4 54.6 81.8



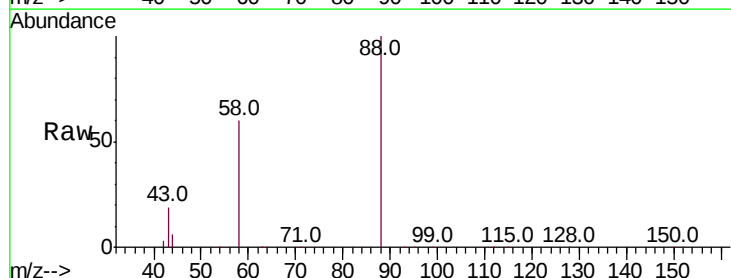
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



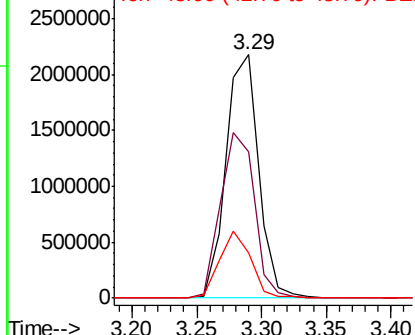
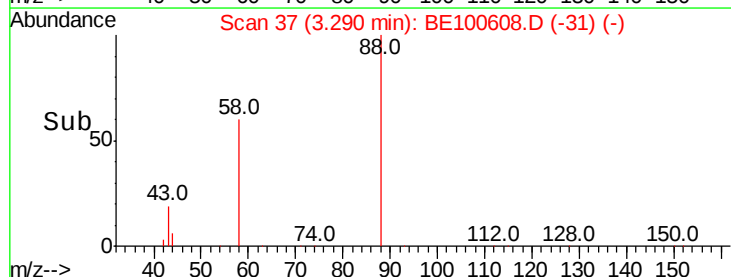
#2

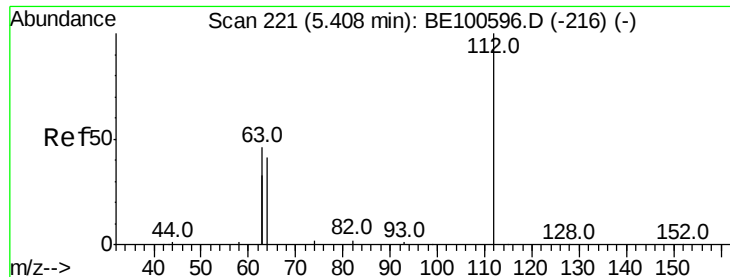
1,4-Dioxane
Concen: 547.514 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion: 88 Resp: 3822399
Ion Ratio Lower Upper
88 100
58 70.3 48.1 72.1
43 25.7 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: 0.279 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

Instrument :

BNA_E

ClientSampled :

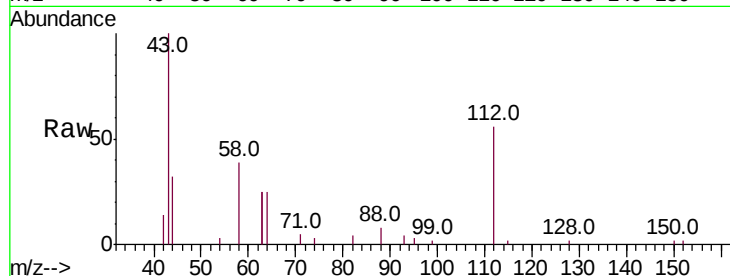
Tot Ion:112 Resp: 3117

Ion Ratio Lower Upper

112 100

64 50.9 43.7 65.5

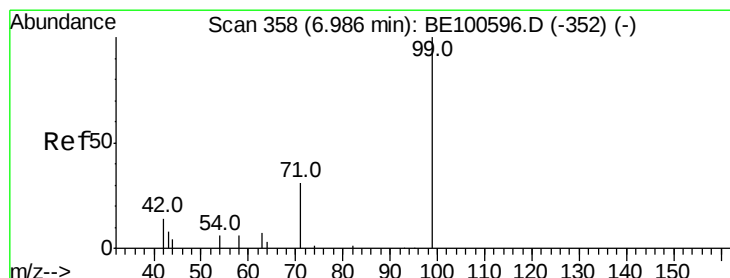
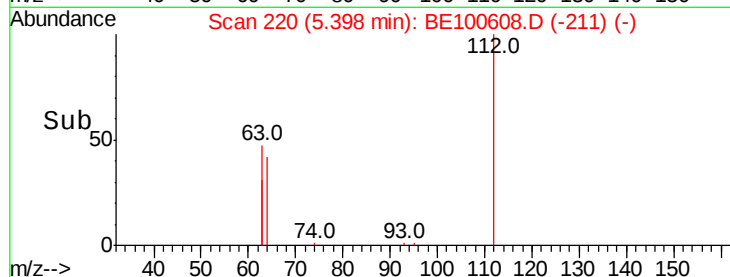
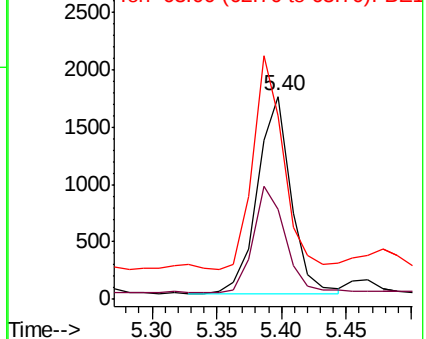
63 98.8 84.5 126.7



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: 0.222 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

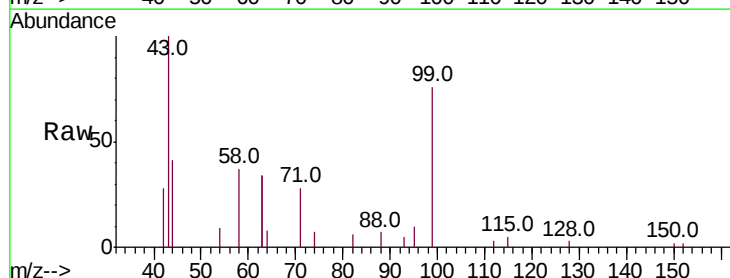
Tgt Ion: 99 Resp: 3114

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

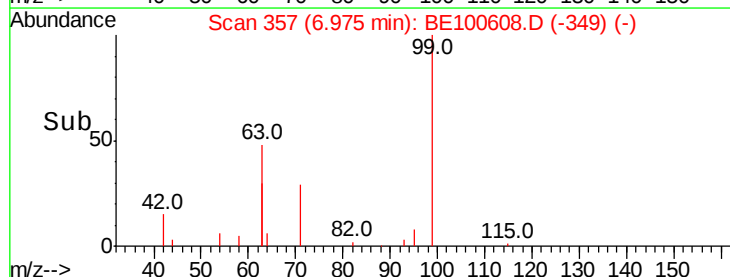
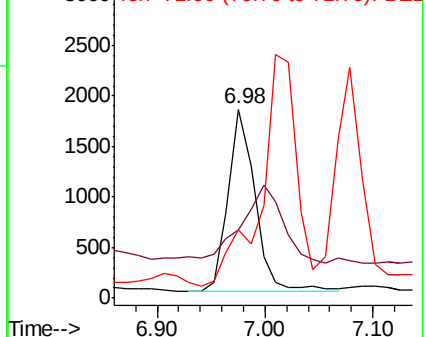
71 0.0 23.0 34.4#

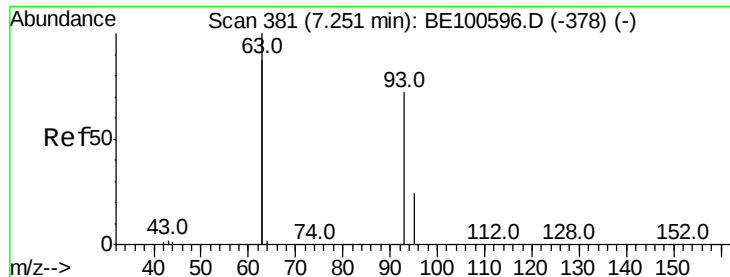


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.21 min Scan# 377

Delta R.T. -0.03 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

Instrument :

BNA_E

ClientSampleId :

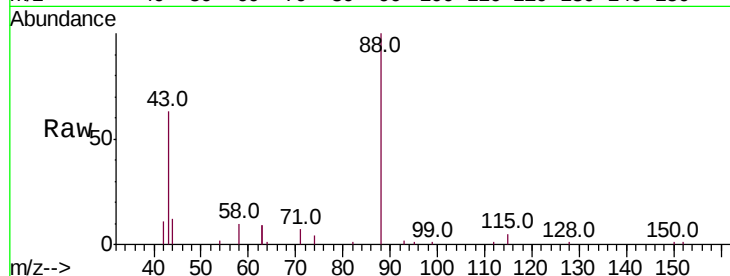
Tot Ion: 93 Resp: 311

Ion Ratio Lower Upper

93 100

63 766.2 221.0 331.4#

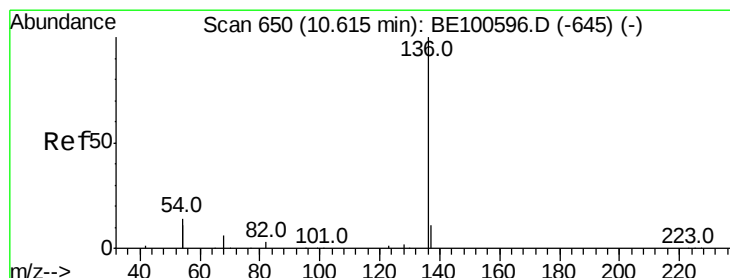
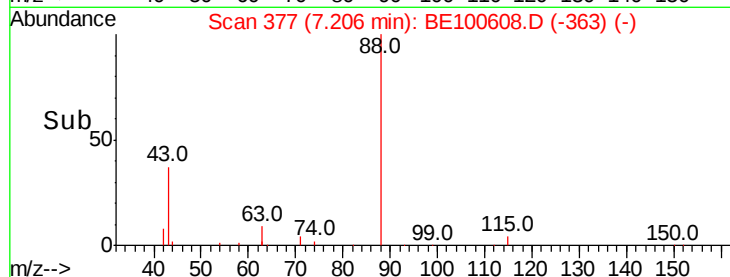
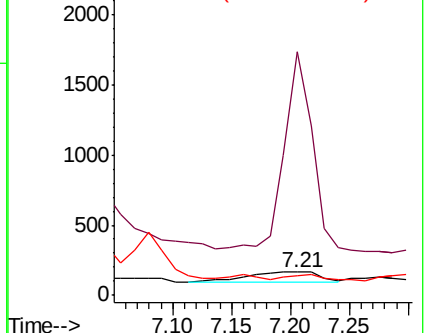
95 27.0 25.4 38.0



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

Tgt Ion:136 Resp: 20184

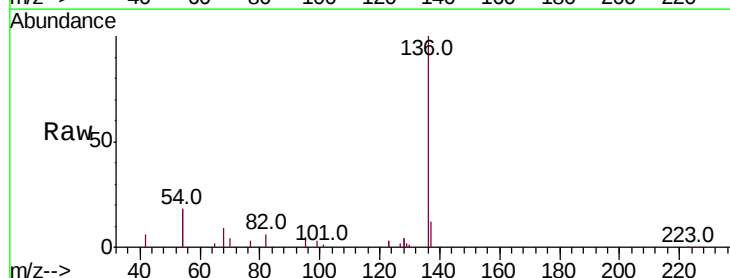
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 36.0 22.4 33.6#

68 9.1 5.2 7.8#

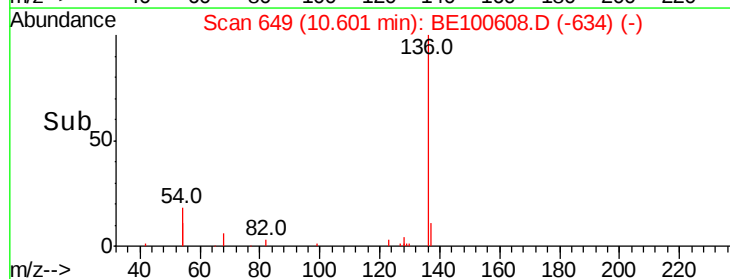
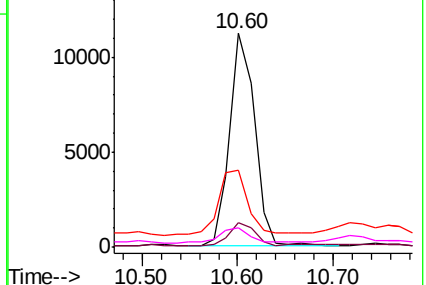


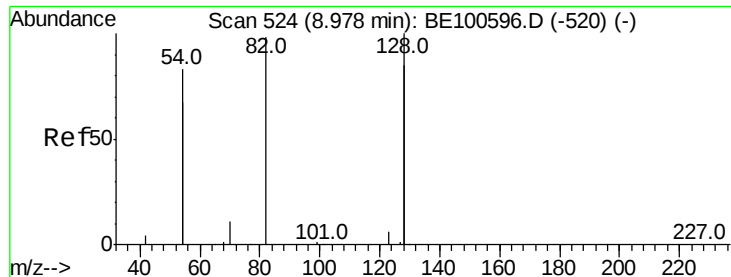
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

Instrument :

BNA_E

ClientSampleId :

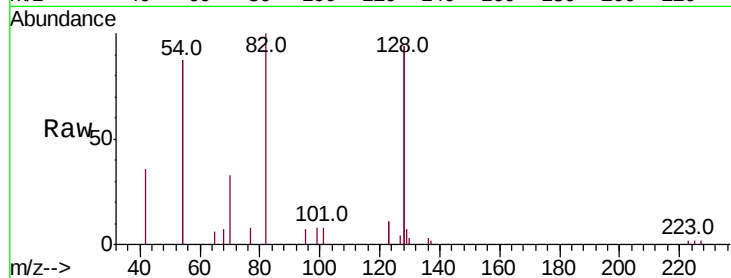
Tot Ion: 82 Resp: 4206

Ion Ratio Lower Upper

82 100

128 188.8 154.7 232.1

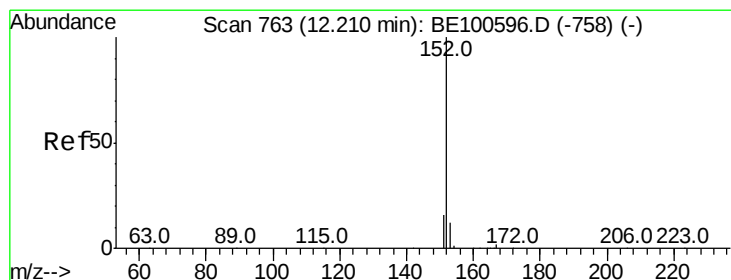
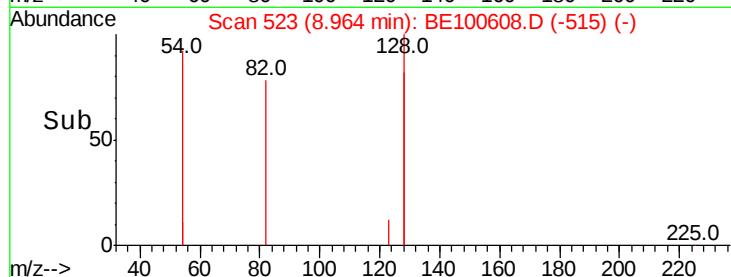
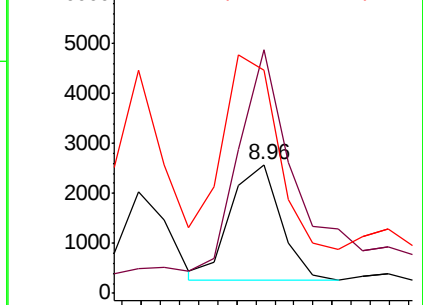
54 173.0 128.5 192.7



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



#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100608.D

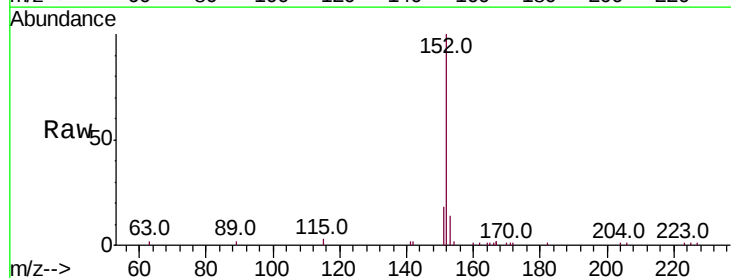
Acq: 8 Oct 2019 14:47

Tgt Ion: 152 Resp: 10753

Ion Ratio Lower Upper

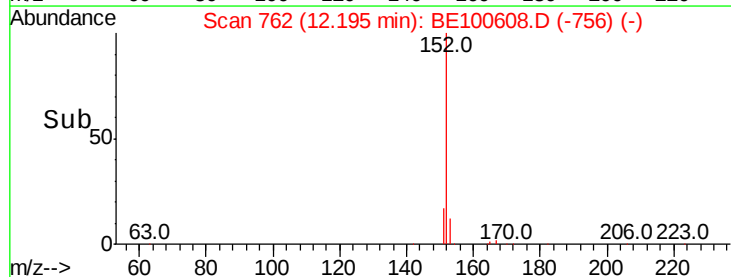
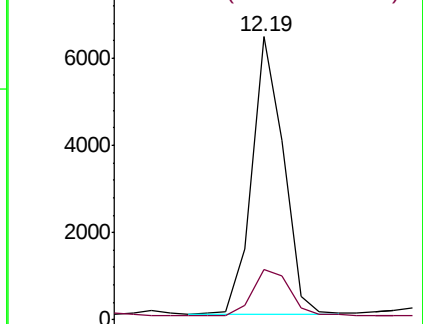
152 100

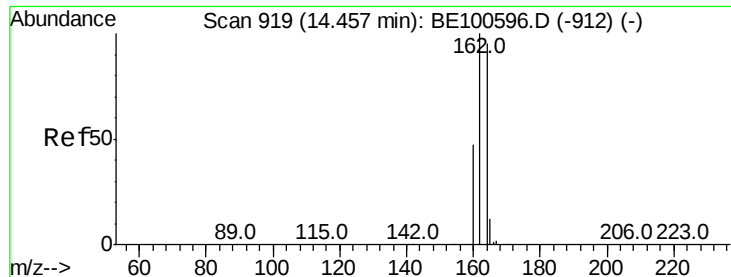
151 21.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

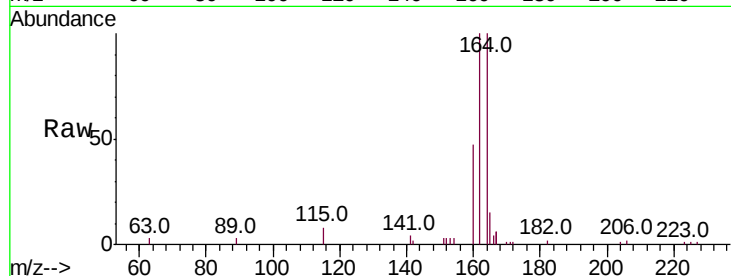




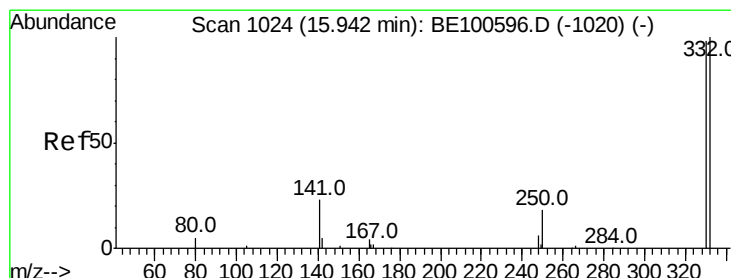
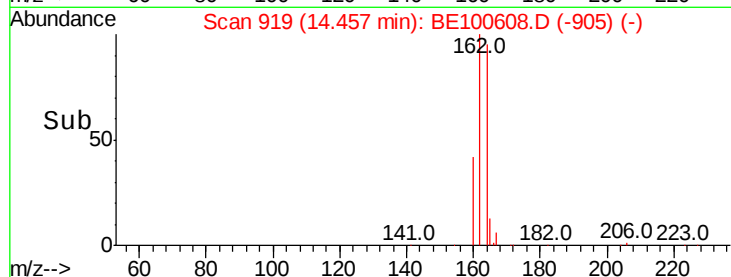
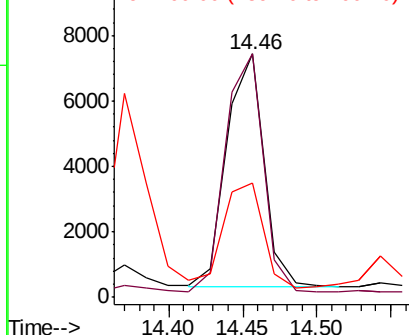
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE100608.D
 Acq: 8 Oct 2019 14:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 12530
 Ion Ratio Lower Upper
 164 100
 162 100.2 84.2 126.4
 160 47.0 40.2 60.4

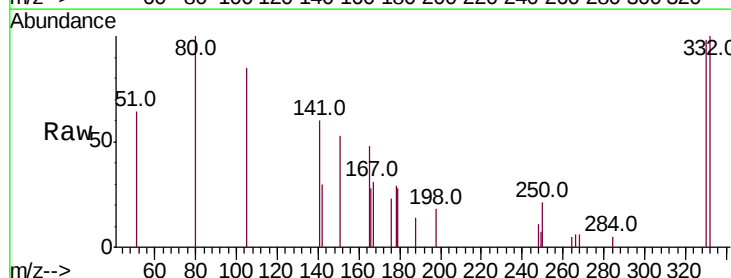


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

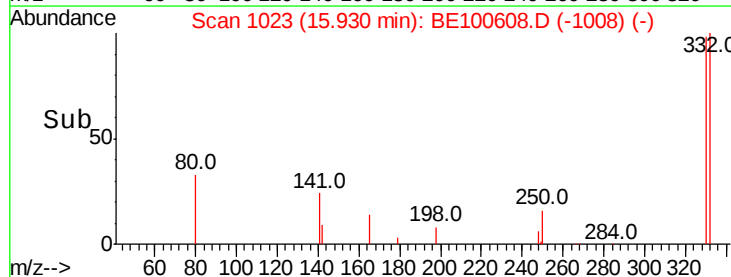
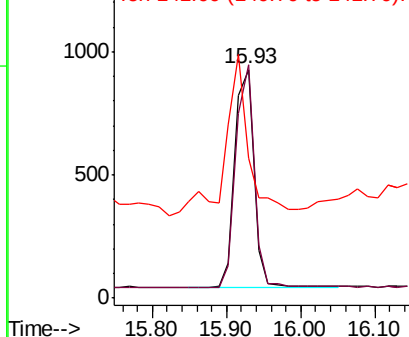


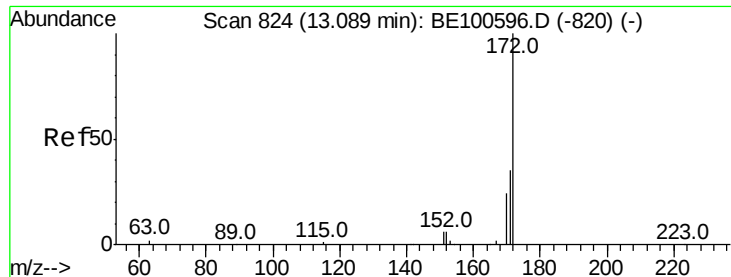
#14
 2,4,6-Tribromophenol
 Concen: 0.551 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BE100608.D
 Acq: 8 Oct 2019 14:47

Tgt Ion:330 Resp: 1578
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.5 117.7
 141 90.4 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

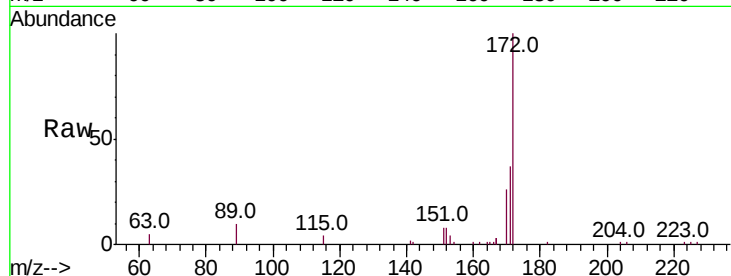




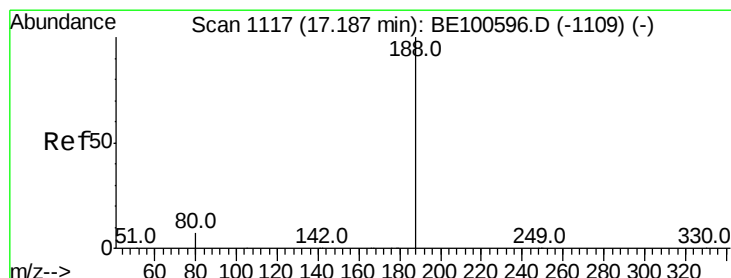
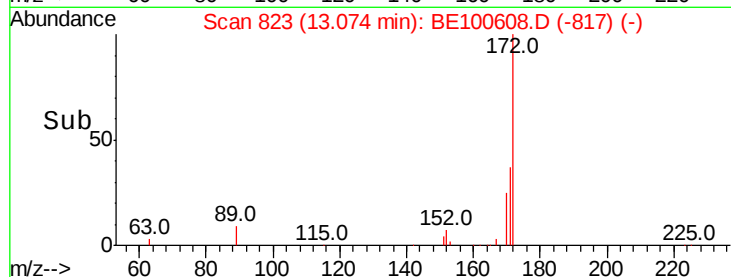
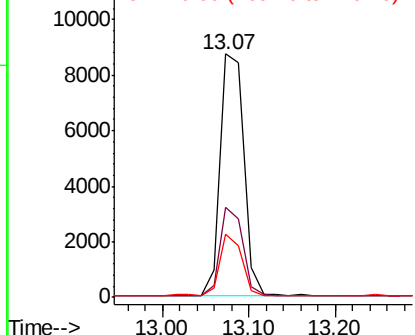
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 16603
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 26.2 19.8 29.8

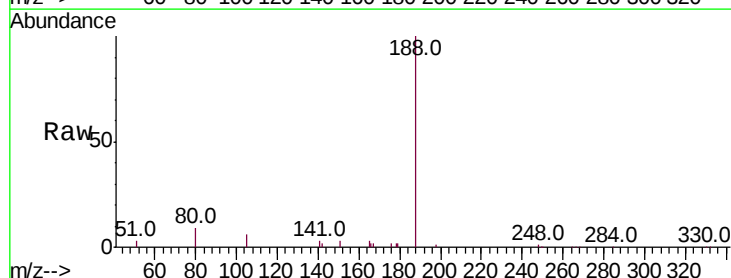


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

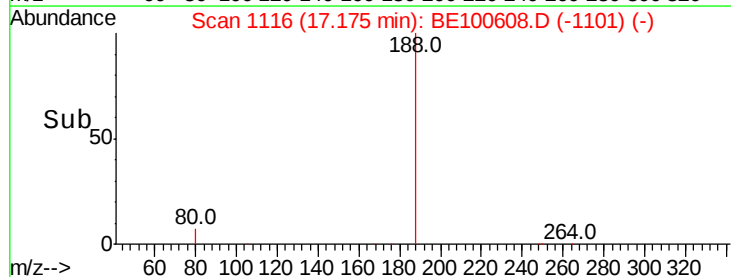
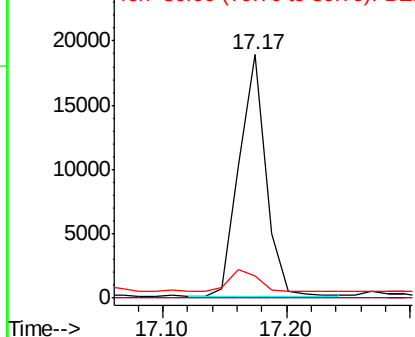


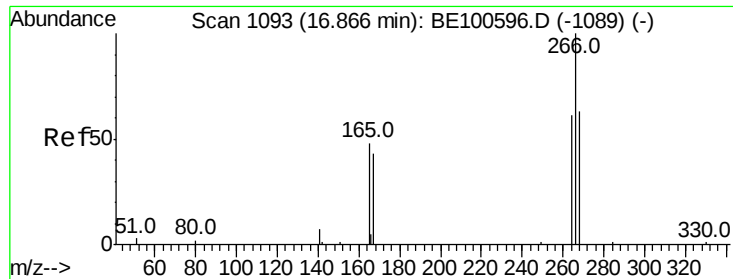
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100608.D
Acq: 8 Oct 2019 14:47

Tgt Ion:188 Resp: 28161
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 6.2 9.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.358 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.03 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

Instrument :

BNA_E

ClientSampled :

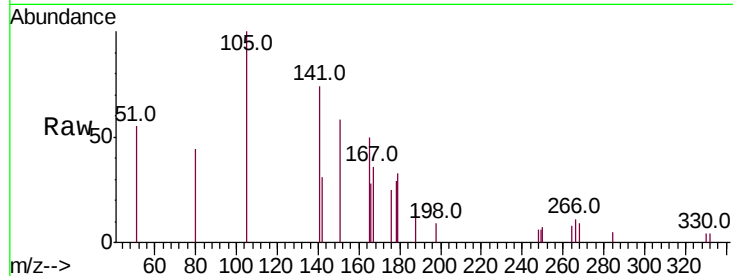
Tot Ion:266 Resp: 108

Ion Ratio Lower Upper

266 100

264 80.9 56.3 84.5

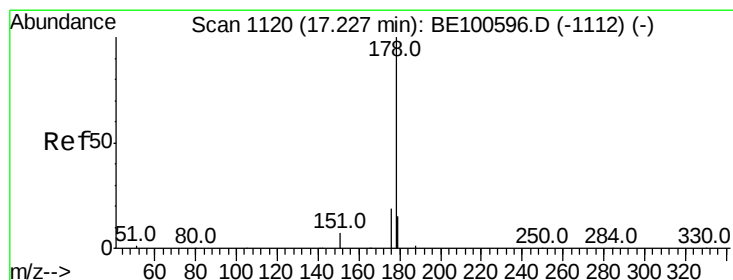
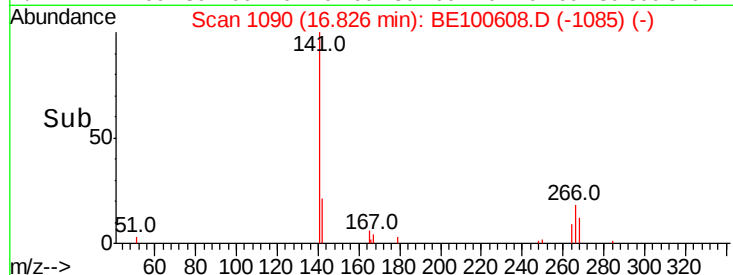
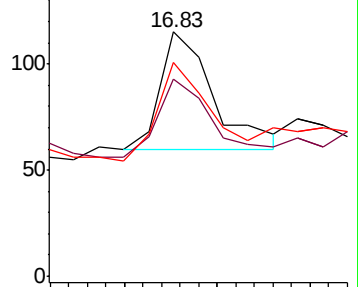
268 87.8 60.3 90.5



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



#23

Phenanthrene

Concen: 0.025 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

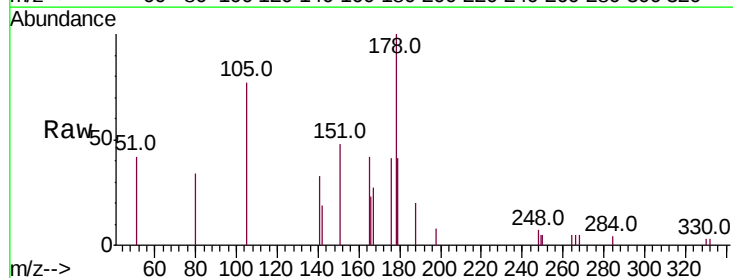
Tgt Ion:178 Resp: 1990

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

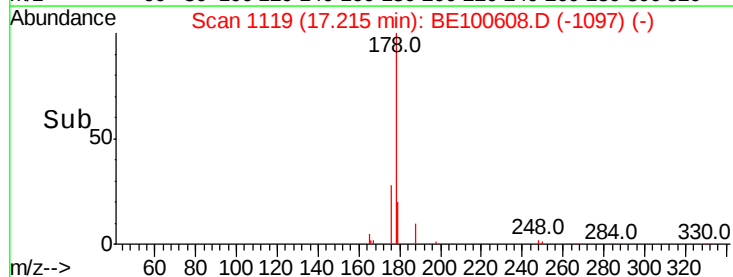
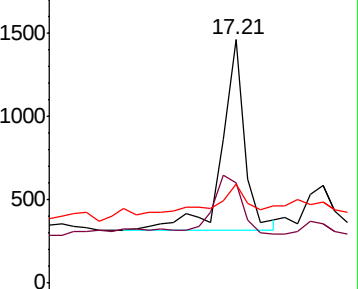
179 16.3 12.3 18.5

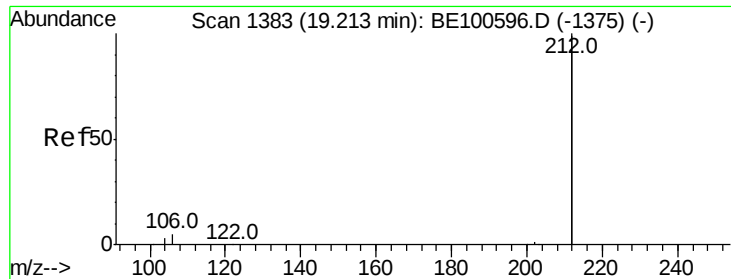


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

Instrument :

BNA_E

ClientSampleId :

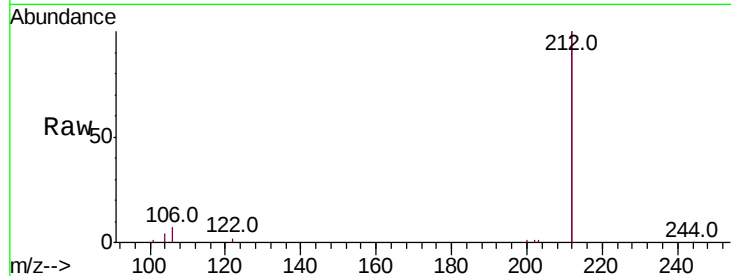
Tot Ion:212 Resp: 131877

Ion Ratio Lower Upper

212 100

106 3.7 2.3 3.5#

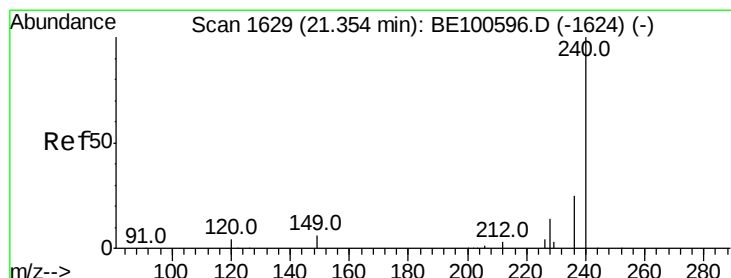
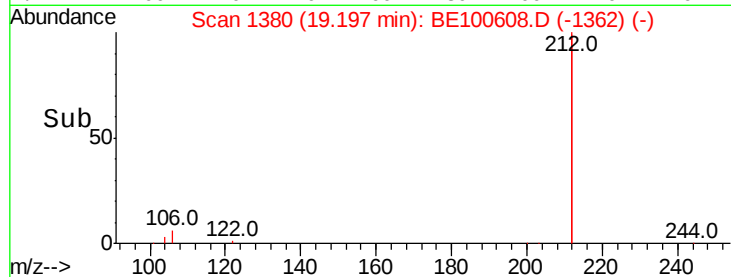
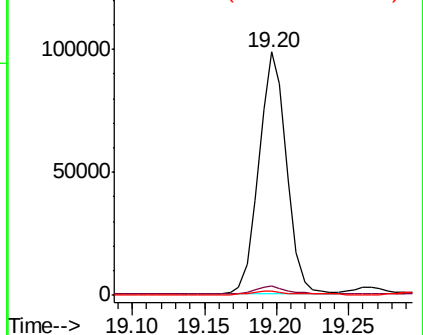
104 2.2 1.3 1.9#



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# 1626

Delta R.T. -0.00 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

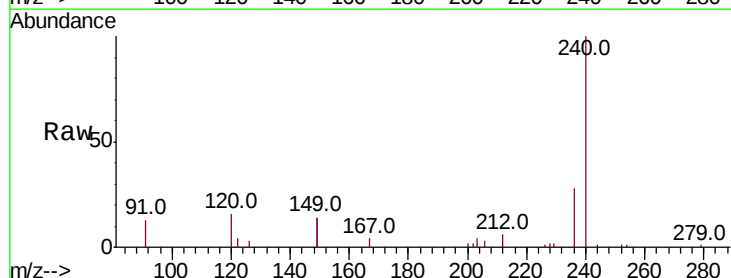
Tgt Ion:240 Resp: 33230

Ion Ratio Lower Upper

240 100

120 15.6 3.6 5.4#

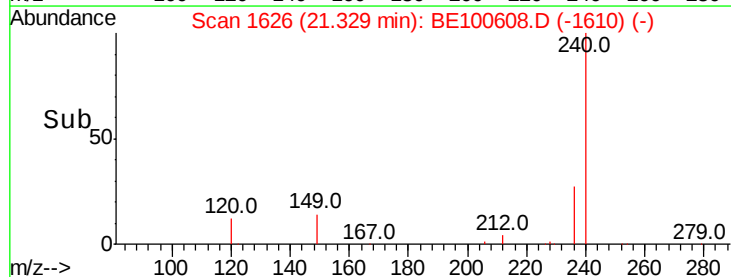
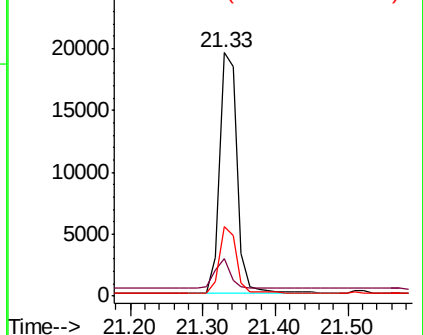
236 28.4 20.5 30.7

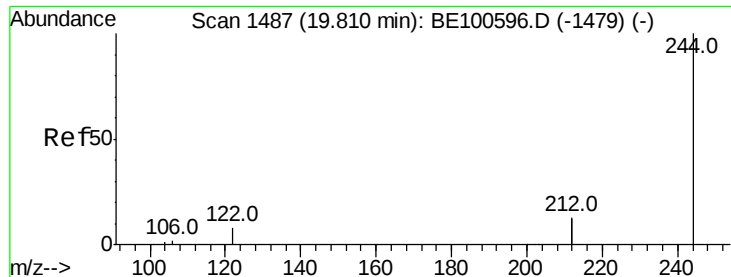


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

Instrument :

BNA_E

ClientSampleId :

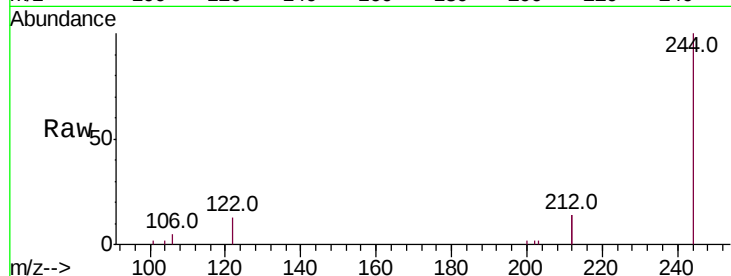
Tot Ion:244 Resp: 31306

Ion Ratio Lower Upper

244 100

212 28.7 20.6 31.0

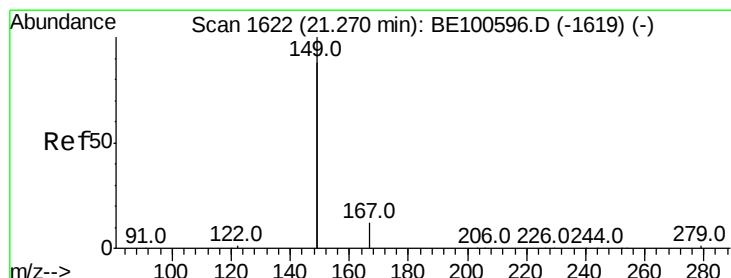
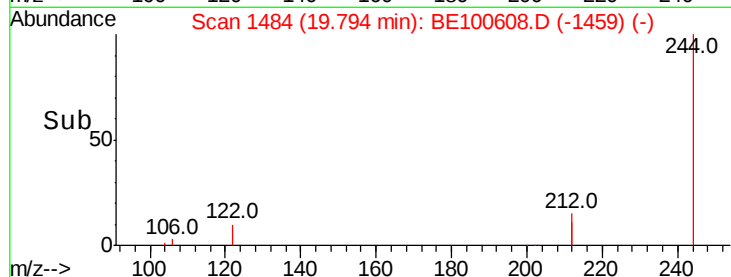
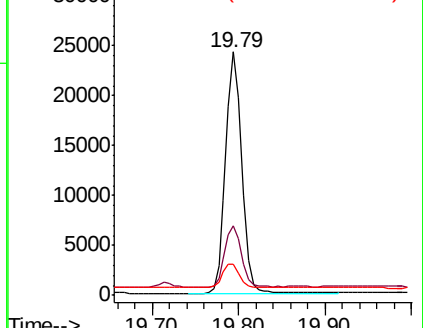
122 12.6 6.5 9.7#



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: 1.635 ng

RT: 21.26 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100608.D

Acq: 8 Oct 2019 14:47

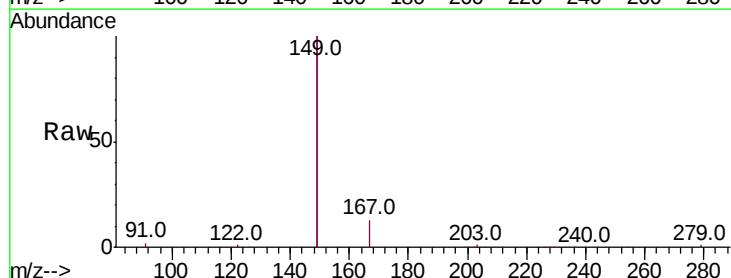
Tgt Ion:149 Resp: 290128

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

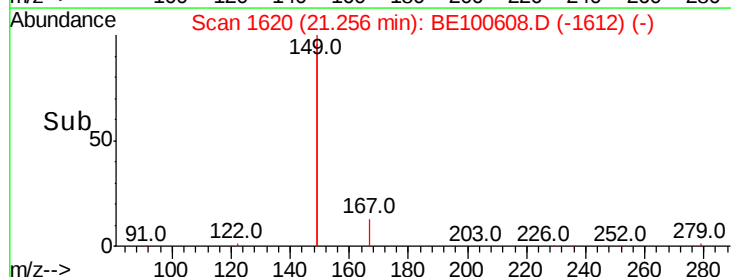
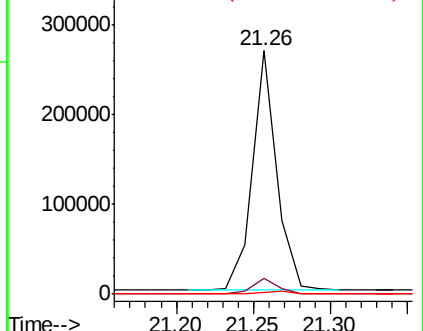
279 1.1 0.9 1.3

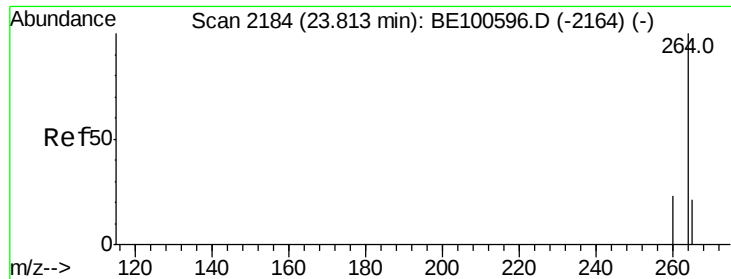


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2175
 Delta R.T. -0.00 min
 Lab File: BE100608.D
 Acq: 8 Oct 2019 14:47

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 37988
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 25.6 20.9 31.3

