

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100610.D
 Acq On : 8 Oct 2019 16:02
 Operator : JU
 Sample : K5109-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:45:50 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

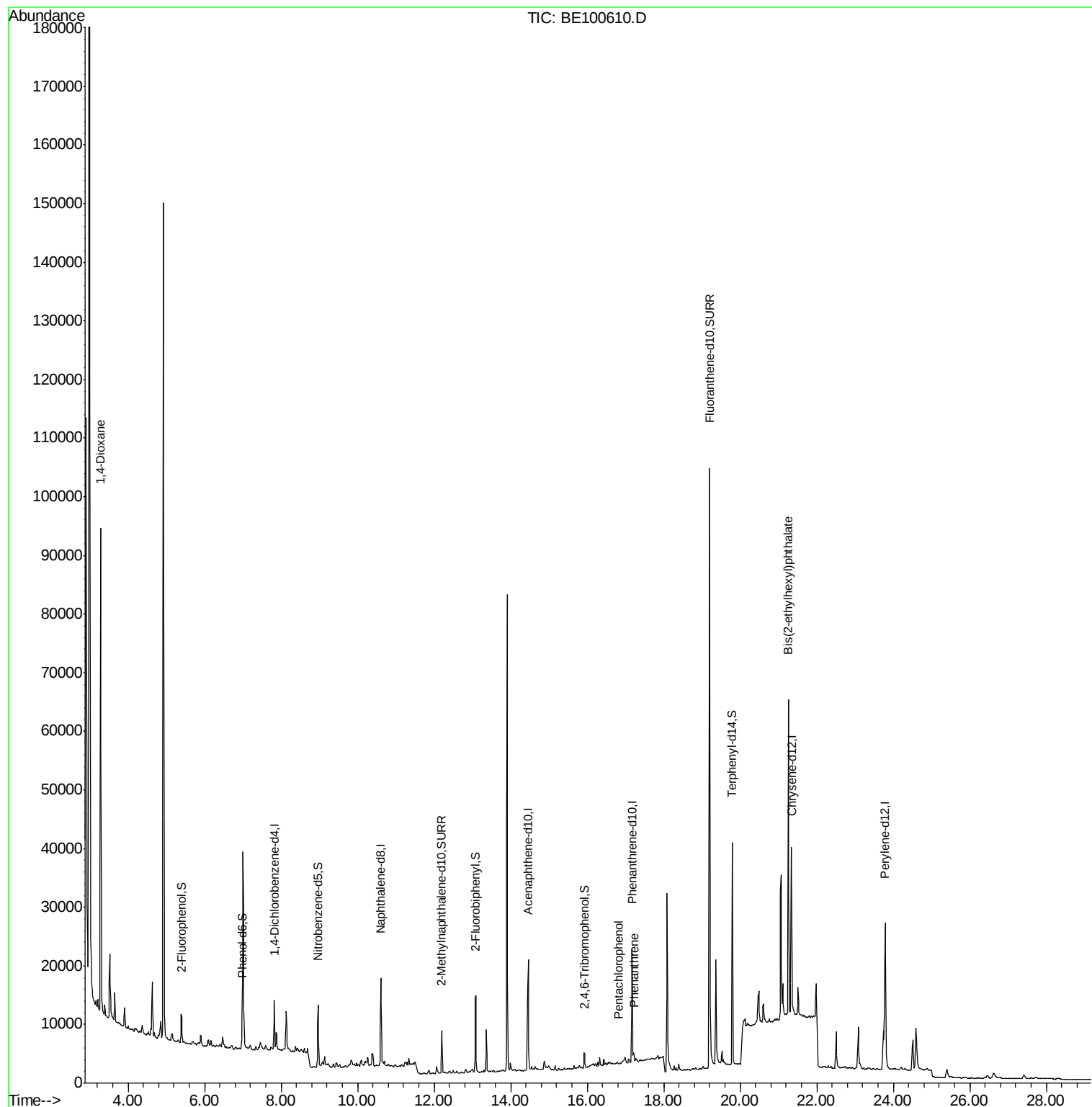
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4031	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	19321	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11840	0.40	ng	0.00
19) Phenanthrene-d10	17.18	188	26295	0.40	ng	0.00
27) Chrysene-d12	21.34	240	33022	0.40	ng	0.01
34) Perylene-d12	23.78	264	37956	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3194	0.29	ng	0.00
5) Phenol-d6	6.98	99	3305	0.24	ng	-0.01
8) Nitrobenzene-d5	8.96	82	4259	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	10404	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.93	330	1558	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	14447	0.34	ng	0.00
25) Fluoranthene-d10	19.20	212	138364	0.43	ng	0.00
29) Terphenyl-d14	19.79	244	35634	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	55472	8.170	ng	# 87
22) Pentachlorophenol	16.83	266	39	0.346	ng	# 80
23) Phenanthrene	17.22	178	1717	0.023	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.26	149	58138	0.330	ng	99

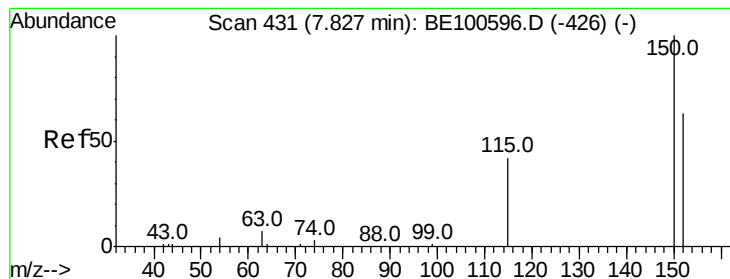
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100610.D

Acq: 8 Oct 2019 16:02

Instrument :

BNA_E

ClientSampled :

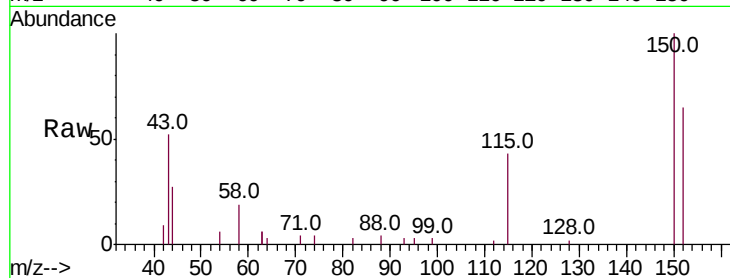
Tot Ion:152 Resp: 4031

Ion Ratio Lower Upper

152 100

150 153.3 126.5 189.7

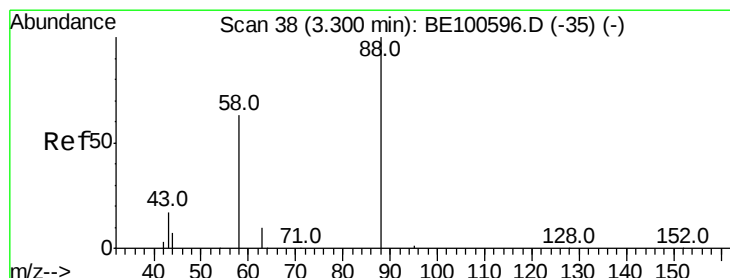
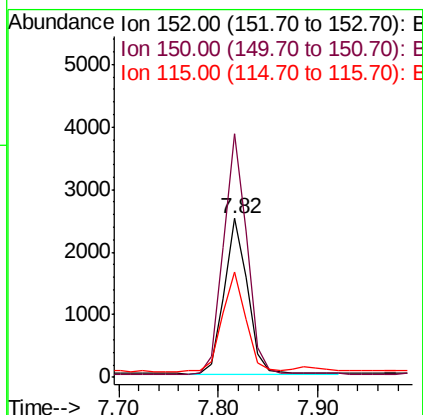
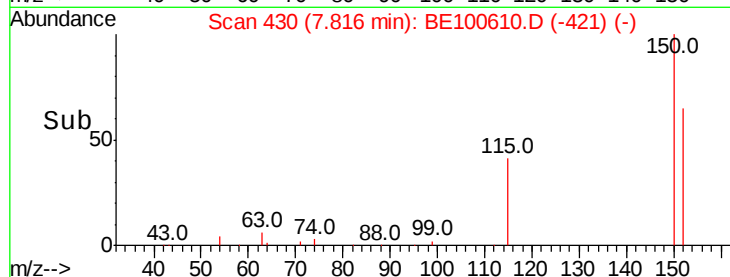
115 66.1 54.6 81.8



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: 8.170 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

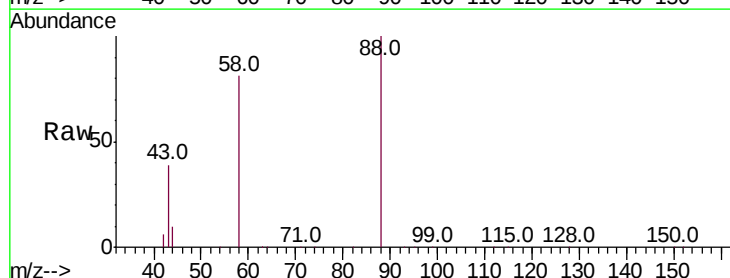
Tgt Ion: 88 Resp: 55472

Ion Ratio Lower Upper

88 100

58 69.0 48.1 72.1

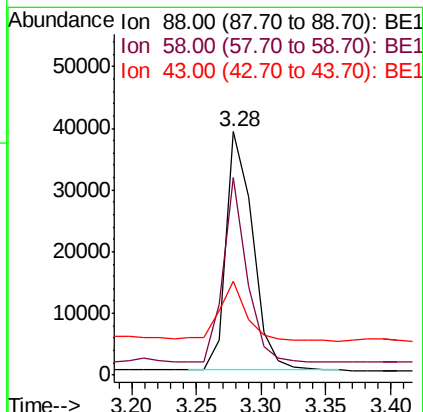
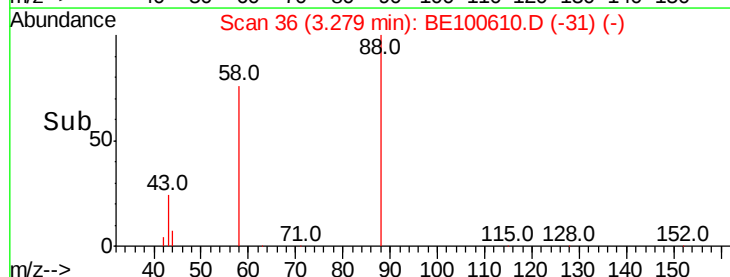
43 25.5 14.4 21.6#

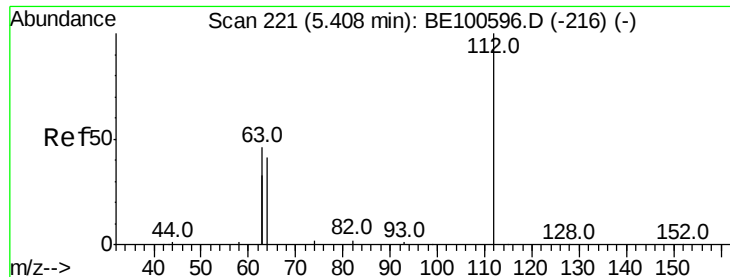


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.294 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

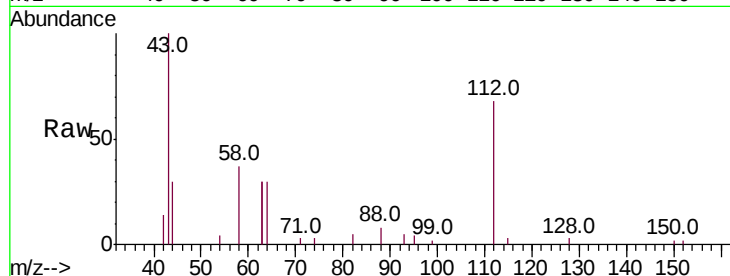
Tot Ion:112 Resp: 3194

Ion Ratio Lower Upper

112 100

64 55.9 43.7 65.5

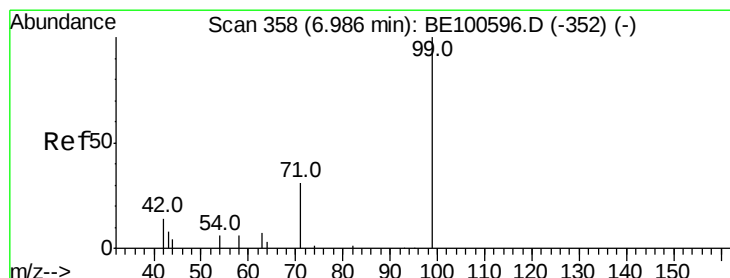
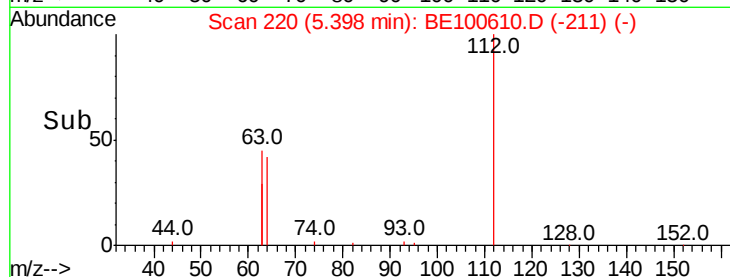
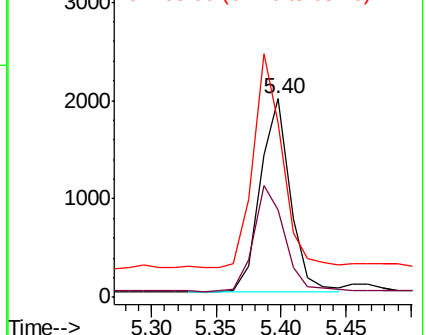
63 107.0 84.5 126.7



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: 0.242 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

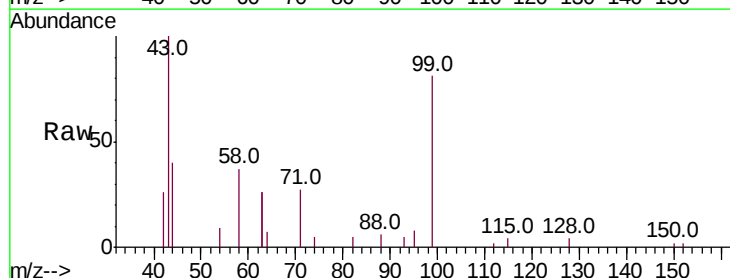
Tgt Ion: 99 Resp: 3305

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

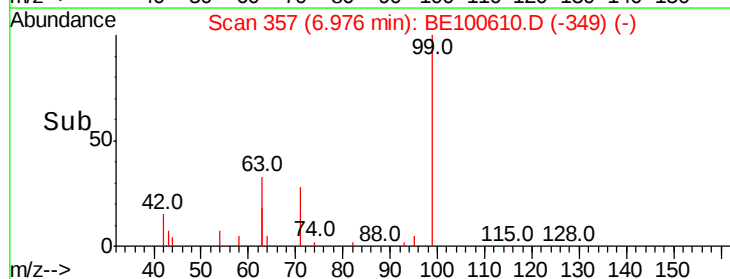
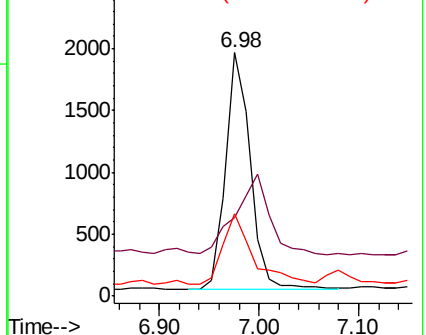
71 36.5 23.0 34.4#

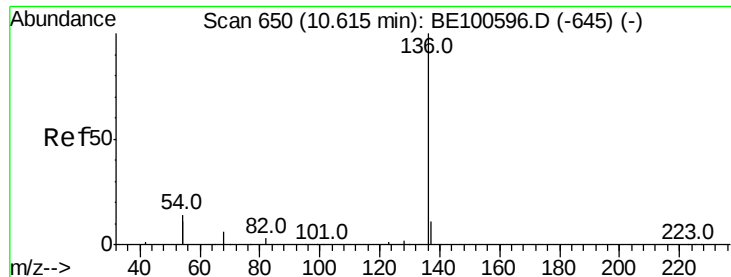


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100610.D

Acq: 8 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19321

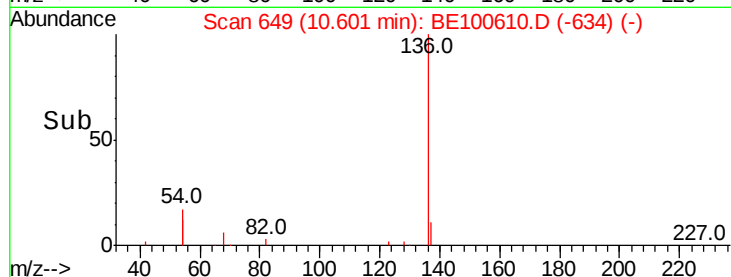
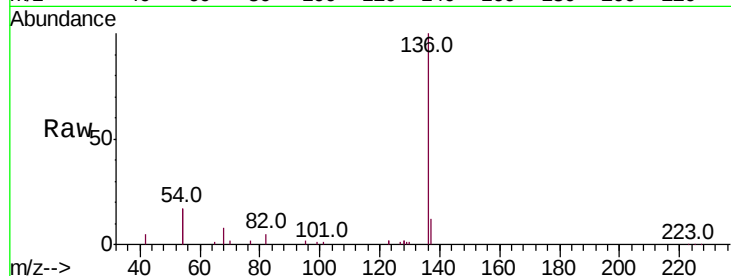
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 33.3 22.4 33.6

68 7.6 5.2 7.8

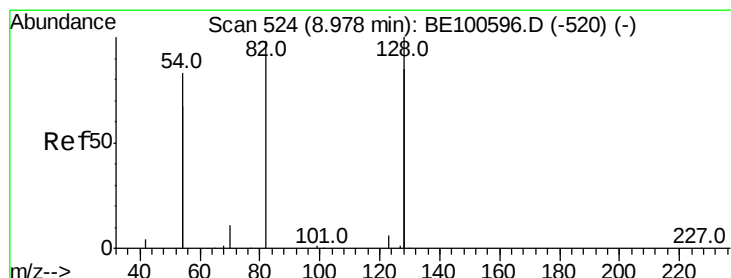
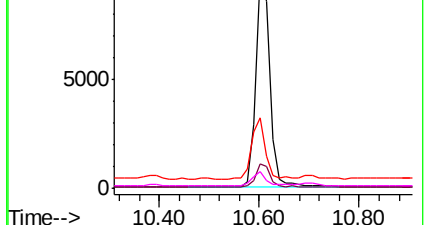


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.353 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

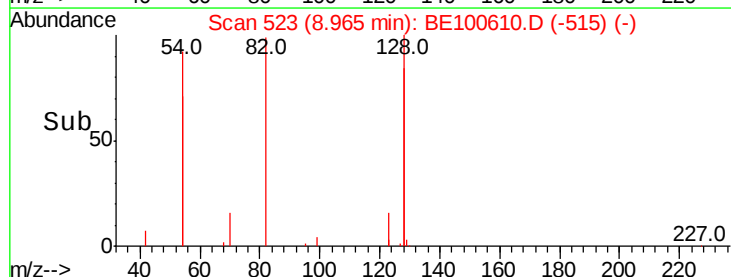
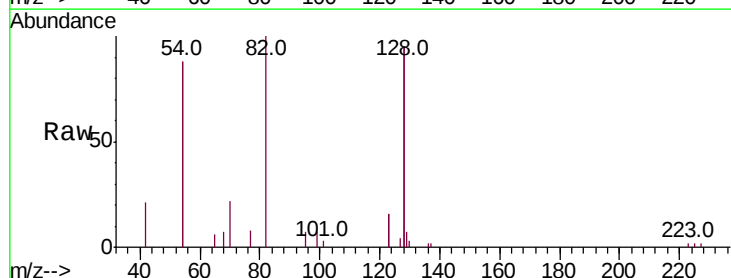
Tgt Ion: 82 Resp: 4259

Ion Ratio Lower Upper

82 100

128 190.4 154.7 232.1

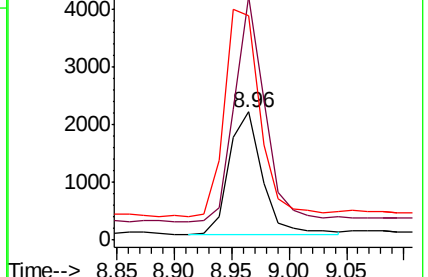
54 175.7 128.5 192.7

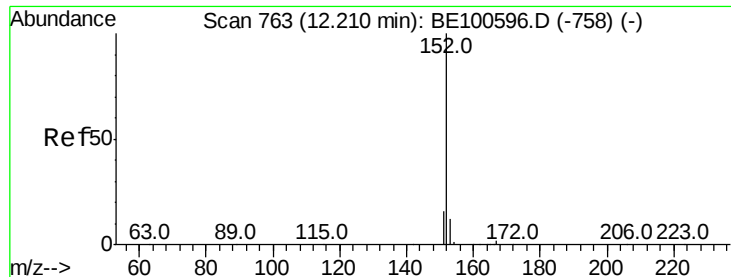


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

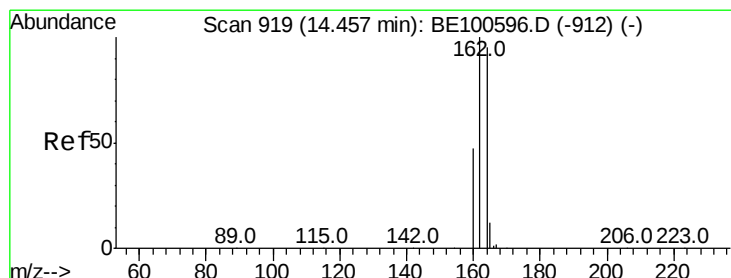
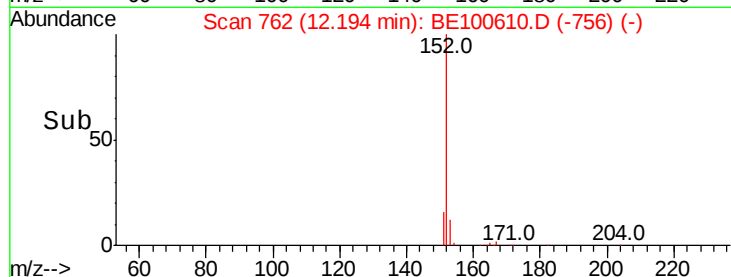
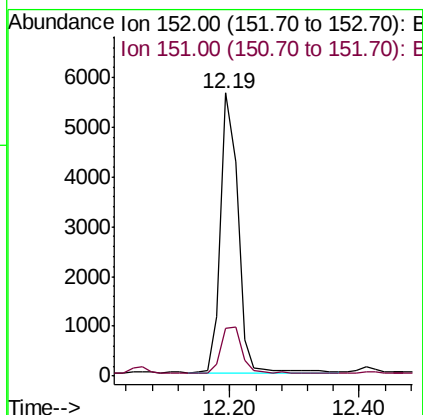
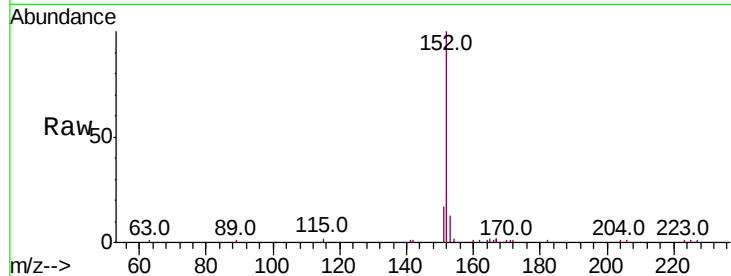




#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BE100610.D
 Acq: 8 Oct 2019 16:02

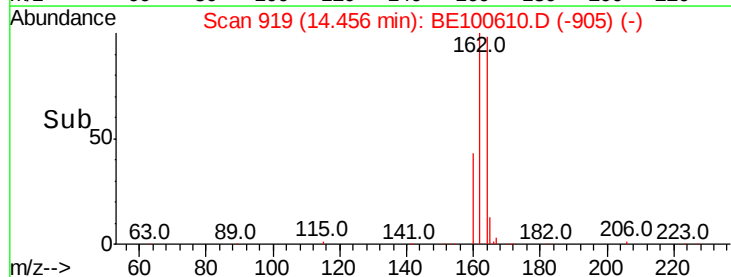
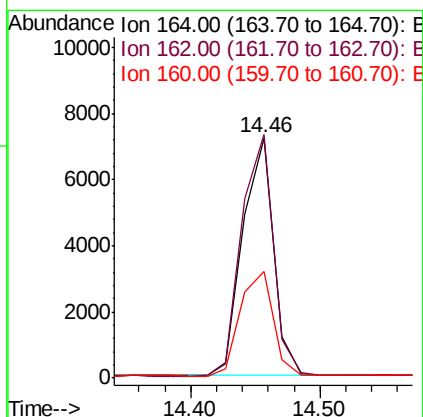
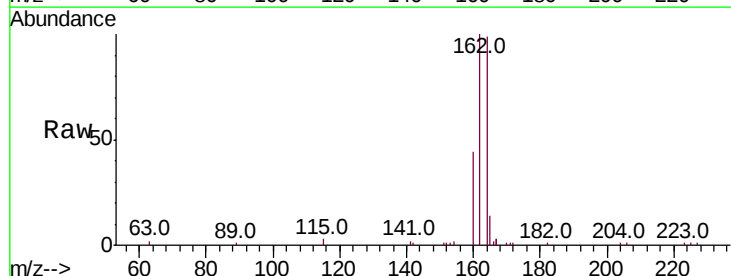
Instrument :
 BNA_E
 ClientSampleId :

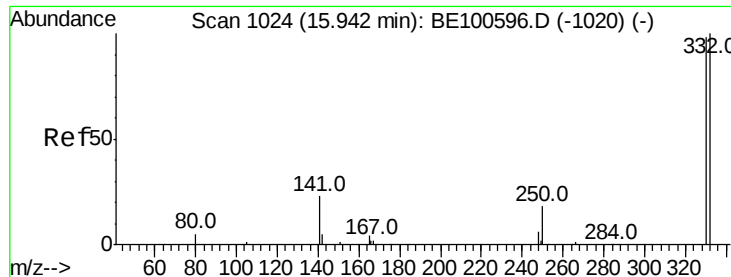
Tot Ion:152 Resp: 10404
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.2 22.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE100610.D
 Acq: 8 Oct 2019 16:02

Tgt Ion:164 Resp: 11840
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.2 126.4
 160 44.6 40.2 60.4





#14

2,4,6-Tribromophenol

Concen: 0.576 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

Instrument :

BNA_E

ClientSampled :

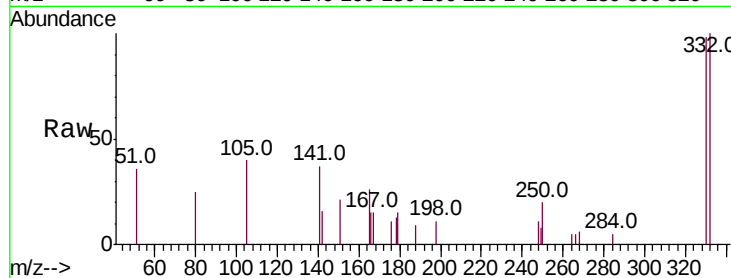
Tot Ion:330 Resp: 1558

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

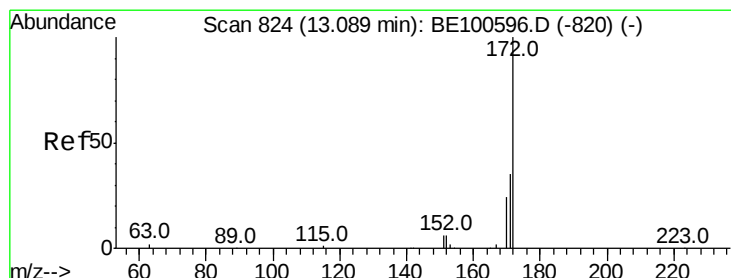
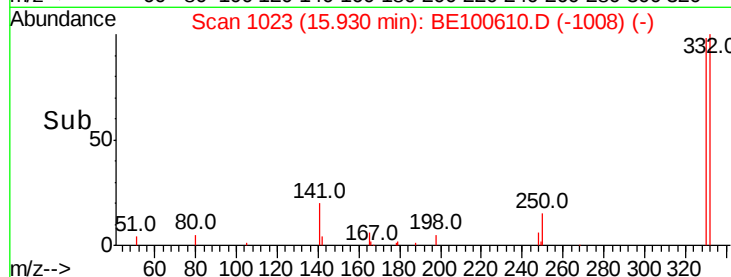
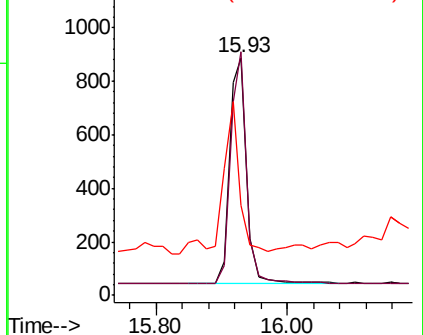
141 65.2 39.4 59.0#



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: 0.336 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

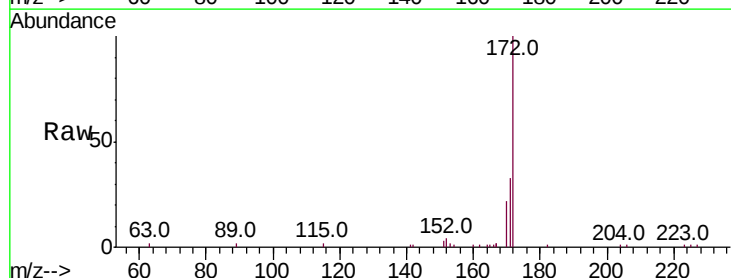
Tgt Ion:172 Resp: 14447

Ion Ratio Lower Upper

172 100

171 33.4 28.7 43.1

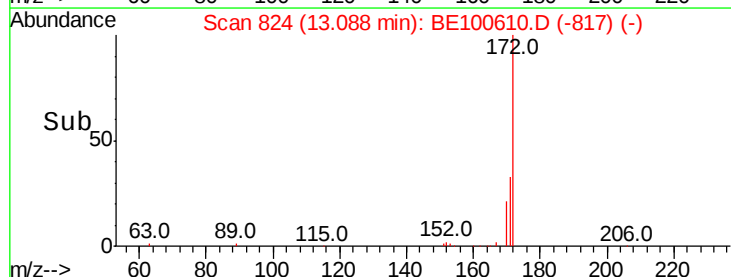
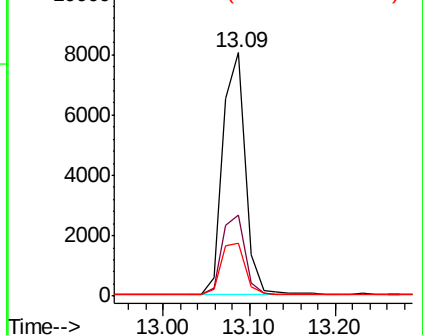
170 22.0 19.8 29.8

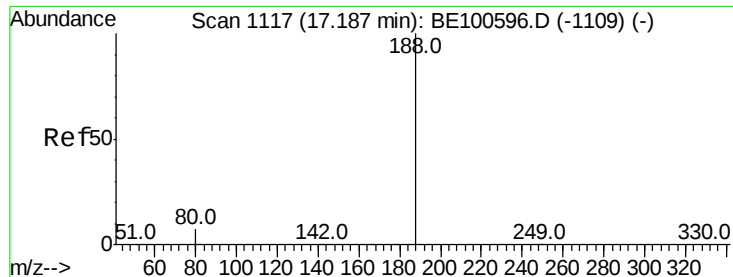


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

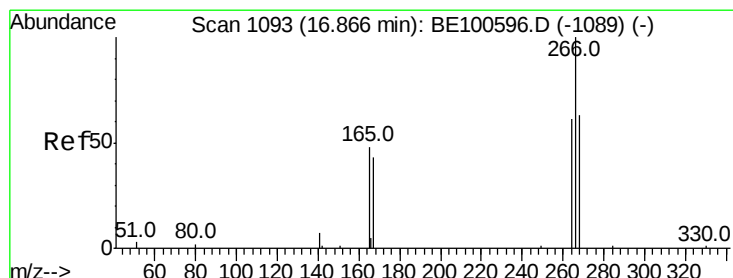
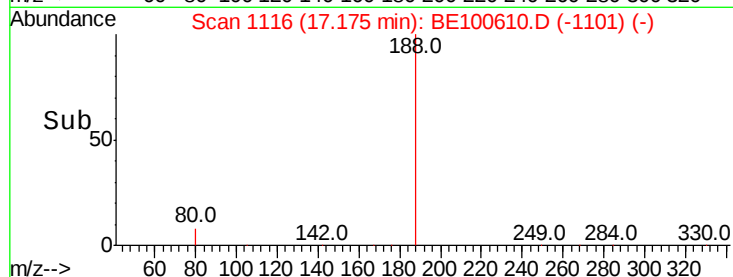
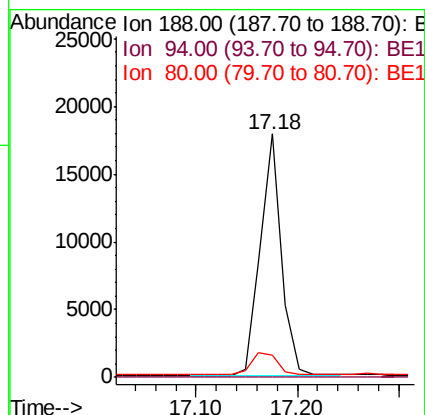
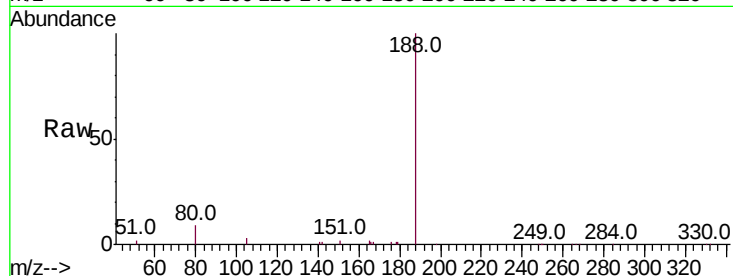




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100610.D
Acq: 8 Oct 2019 16:02

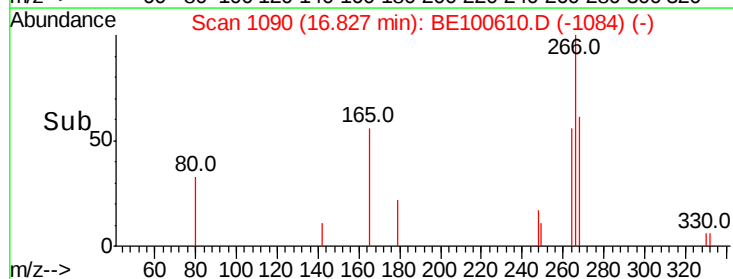
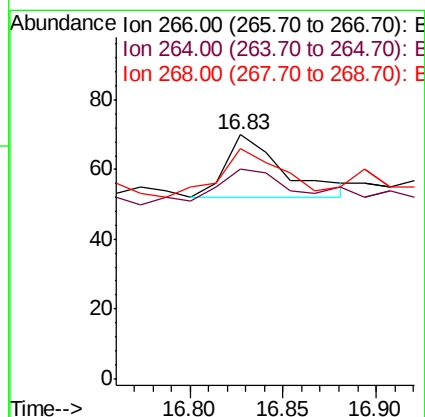
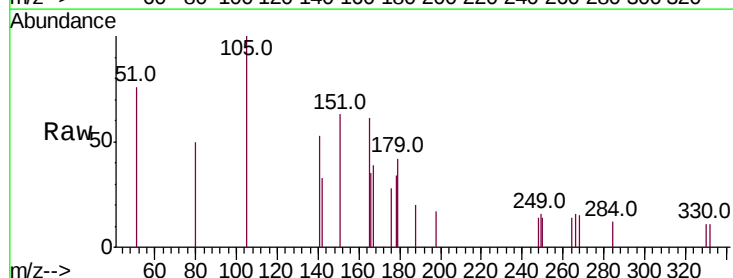
Instrument :
BNA_E
ClientSampled :

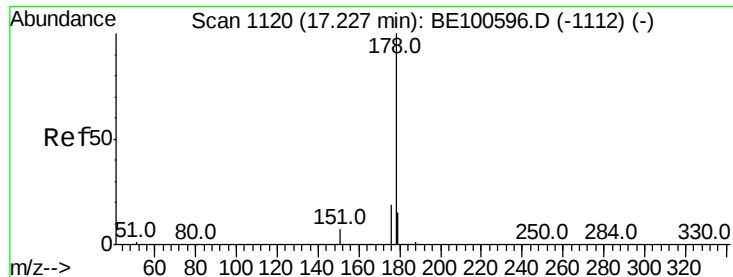
Tot Ion:188 Resp: 26295
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.2 9.2



#22
Pentachlorophenol
Concen: 0.346 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BE100610.D
Acq: 8 Oct 2019 16:02

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 85.7 56.3 84.5#
268 94.3 60.3 90.5#





#23

Phenanthrene

Concen: 0.023 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

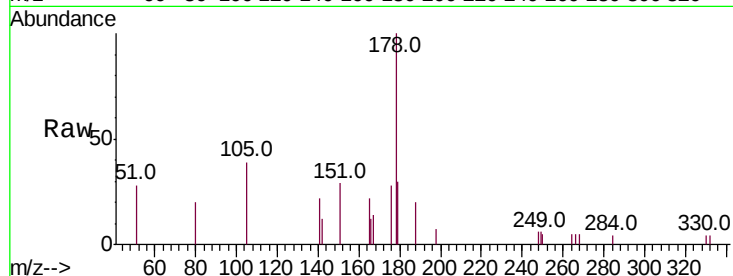
Tot Ion:178 Resp: 1717

Ion Ratio Lower Upper

178 100

176 21.4 15.4 23.2

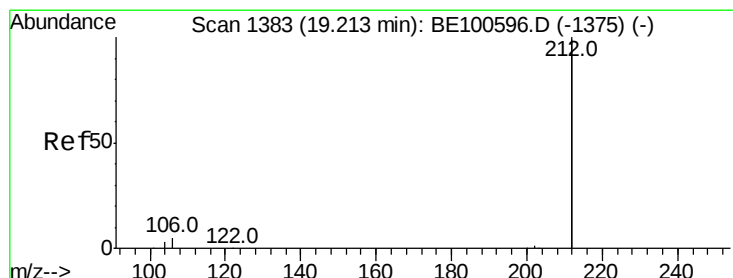
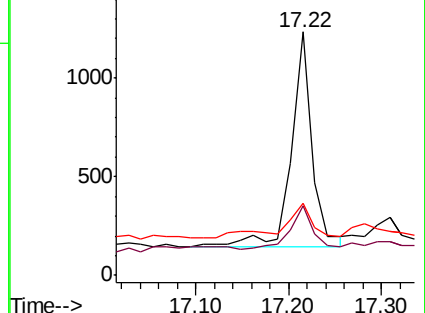
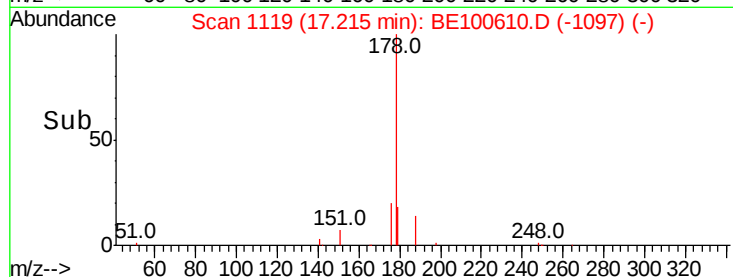
179 23.7 12.3 18.5#



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: 0.427 ng

RT: 19.20 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

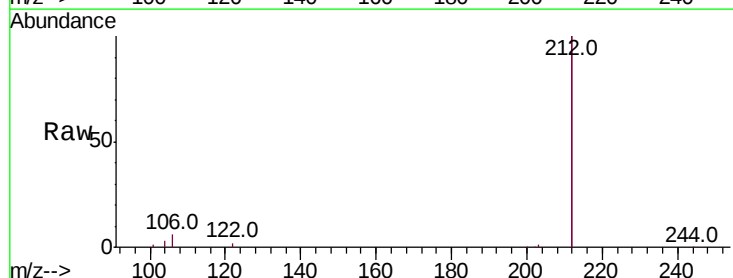
Tgt Ion:212 Resp: 138364

Ion Ratio Lower Upper

212 100

106 3.5 2.3 3.5

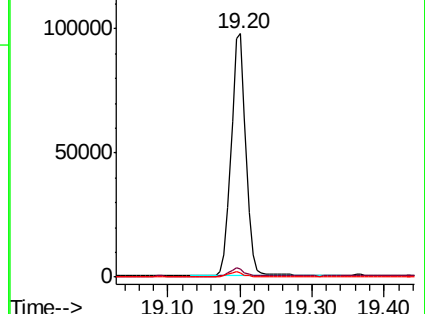
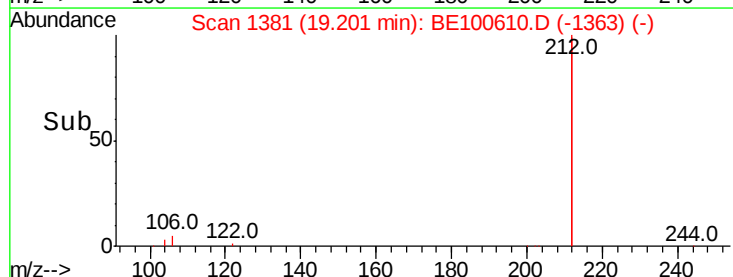
104 2.0 1.3 1.9#

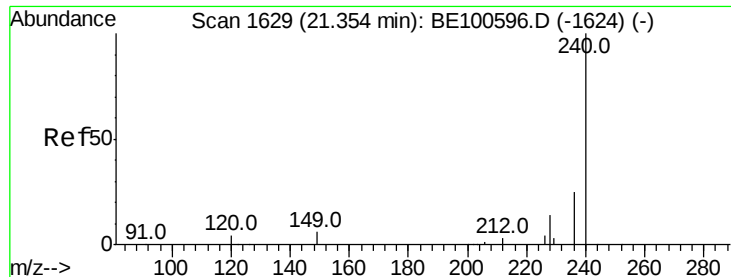


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.34 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

Instrument :

BNA_E

ClientSampled :

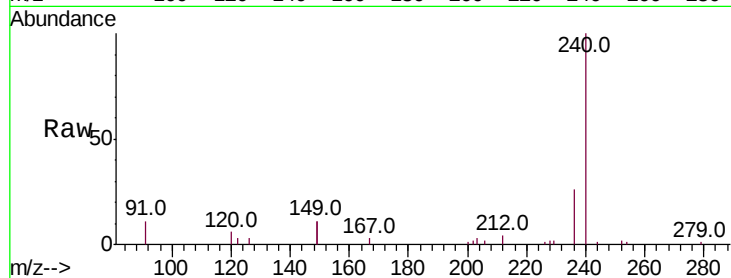
Tot Ion:240 Resp: 33022

Ion Ratio Lower Upper

240 100

120 6.4 3.6 5.4#

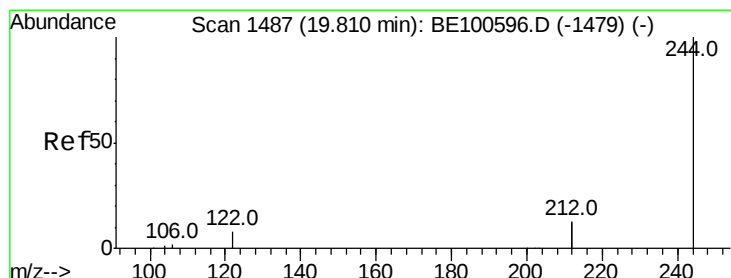
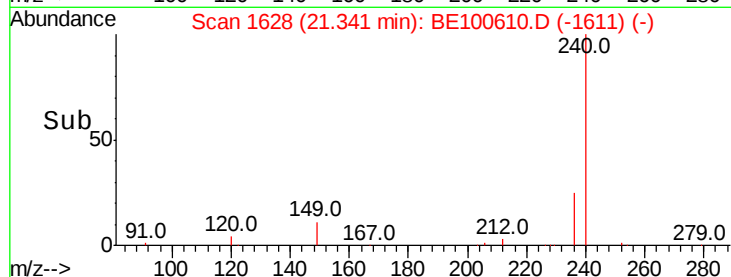
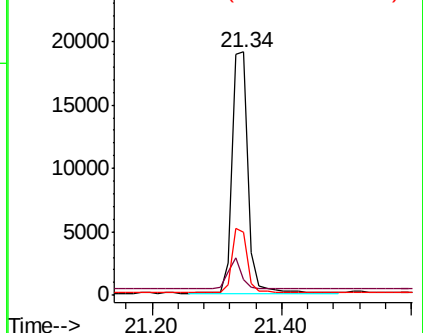
236 26.1 20.5 30.7



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: 0.488 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

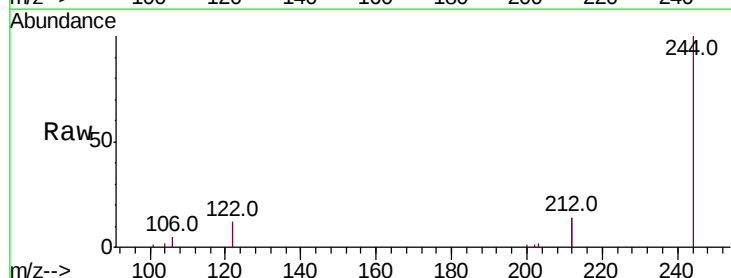
Tgt Ion:244 Resp: 35634

Ion Ratio Lower Upper

244 100

212 28.3 20.6 31.0

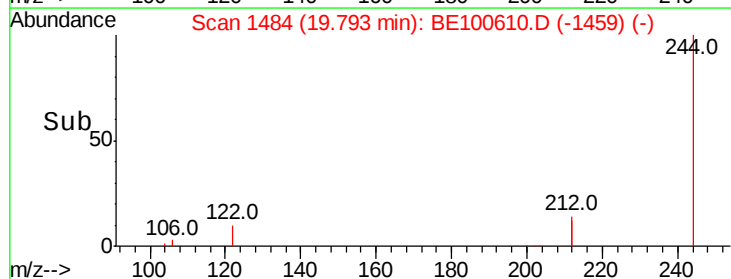
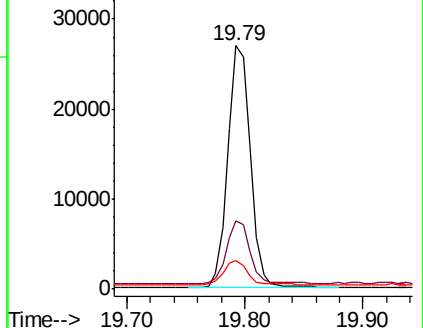
122 12.0 6.5 9.7#

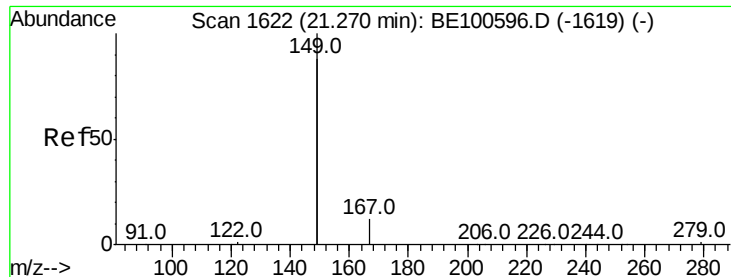


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.330 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

Instrument :

BNA_E

ClientSampleId :

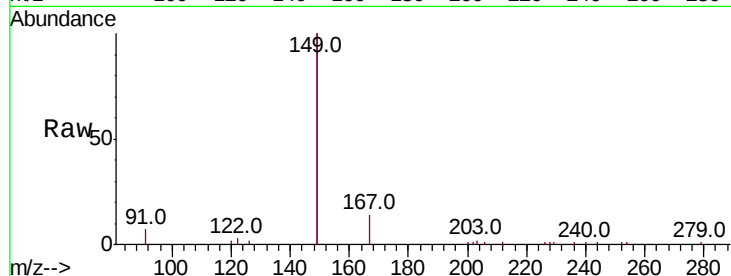
Tot Ion:149 Resp: 58138

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

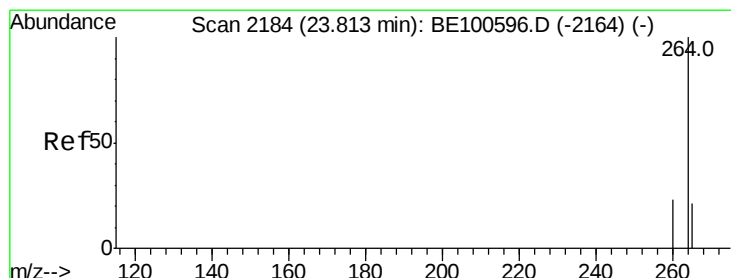
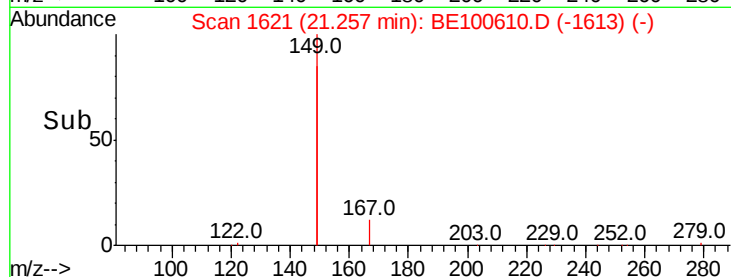
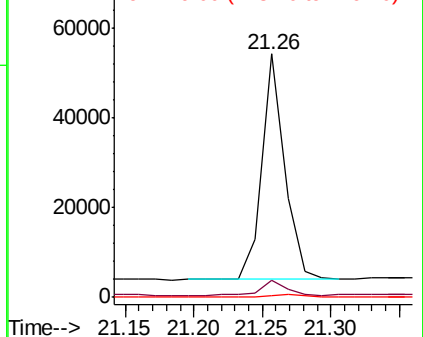
279 1.2 0.9 1.3



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

Perylene-d12

Concen: 0.400 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE100610.D

Acq: 8 Oct 2019 16:02

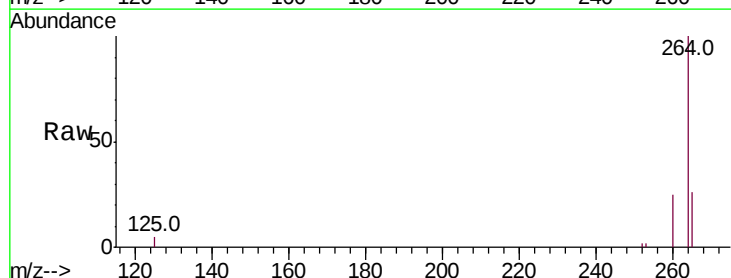
Tgt Ion:264 Resp: 37956

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 26.1 20.9 31.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

