

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100613.D
 Acq On : 8 Oct 2019 17:52
 Operator : JU
 Sample : K5109-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:46:07 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

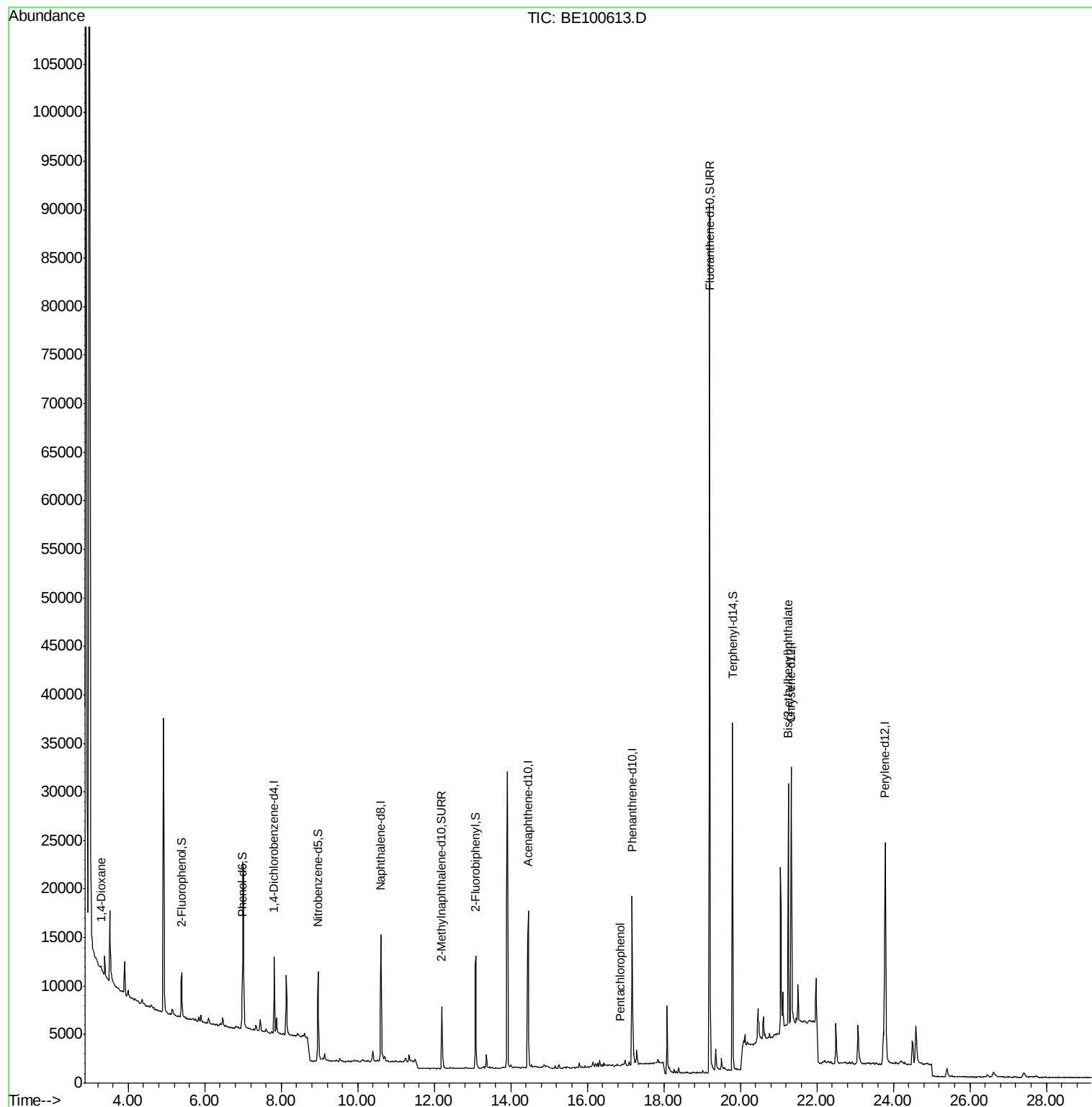
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3841	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	17614	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10702	0.40	ng	0.00
19) Phenanthrene-d10	17.18	188	24346	0.40	ng	0.00
27) Chrysene-d12	21.33	240	30717	0.40	ng	0.00
34) Perylene-d12	23.78	264	35428	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3007	0.29	ng	0.00
5) Phenol-d6	6.99	99	2851	0.22	ng	0.00
8) Nitrobenzene-d5	8.96	82	4079	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	9766	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	18	0.01	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	12990	0.33	ng	0.00
25) Fluoranthene-d10	19.20	212	122044	0.41	ng	0.00
29) Terphenyl-d14	19.79	244	32400	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	535	0.083	ng	# 30
22) Pentachlorophenol	16.87	266	6	0.339	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.26	149	26282	0.160	ng	99

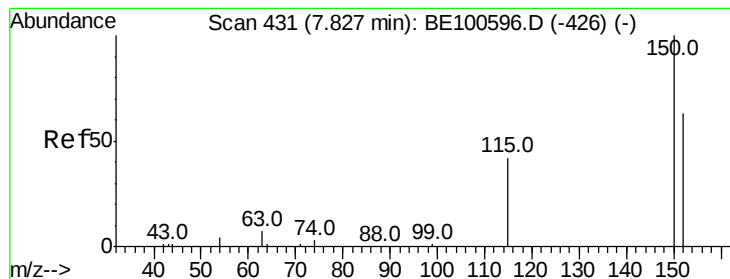
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100613.D

Acq: 8 Oct 2019 17:52

Instrument :
BNA_E
ClientSampled :

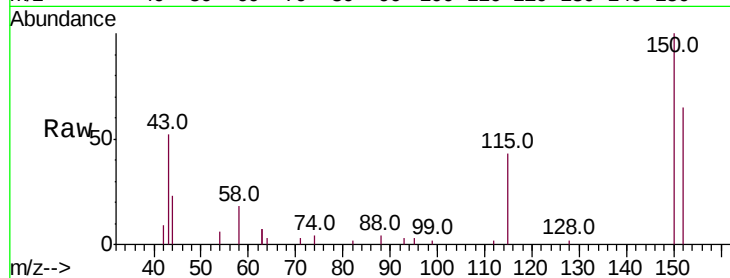
Tot Ion:152 Resp: 3841

Ion Ratio Lower Upper

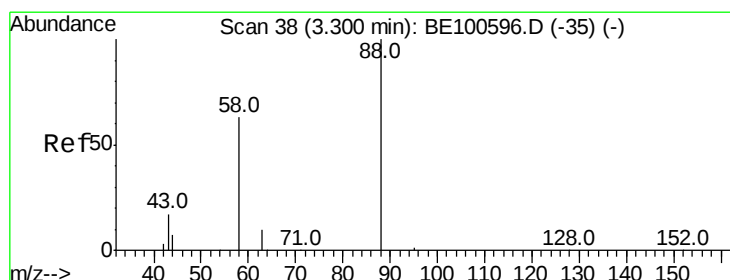
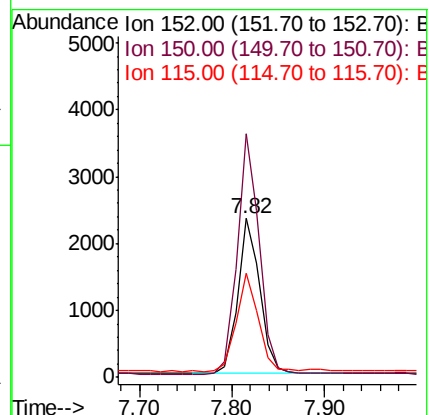
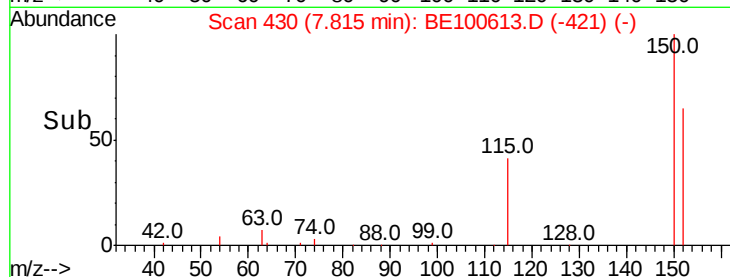
152 100

150 153.4 126.5 189.7

115 65.7 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: 0.083 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

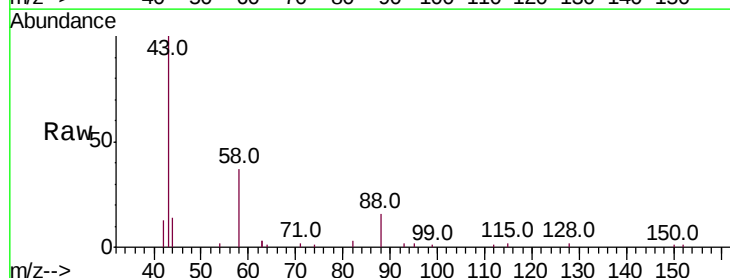
Tgt Ion: 88 Resp: 535

Ion Ratio Lower Upper

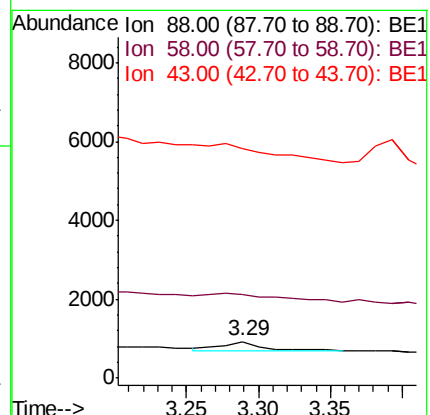
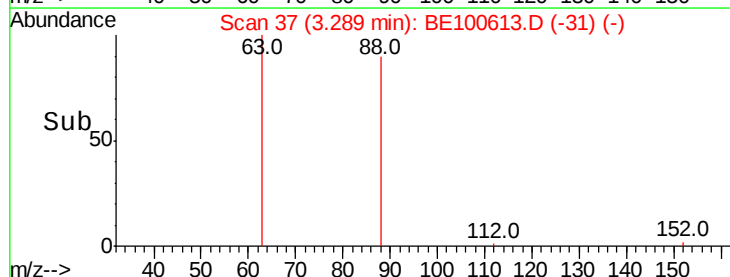
88 100

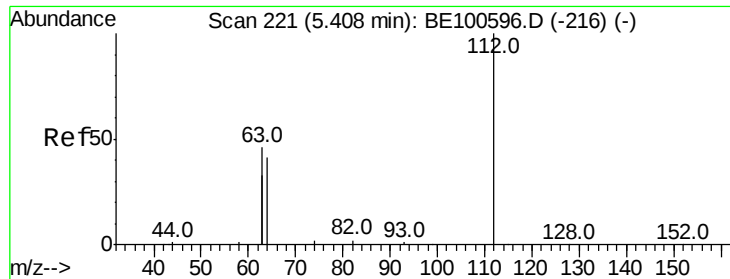
58 0.0 48.1 72.1#

43 0.0 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: 0.290 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

Instrument :

BNA_E

ClientSampled :

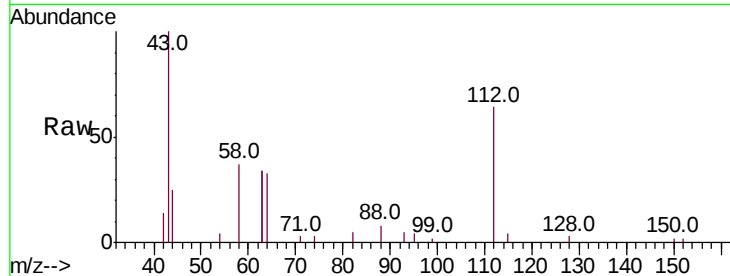
Tot Ion:112 Resp: 3007

Ion Ratio Lower Upper

112 100

64 57.2 43.7 65.5

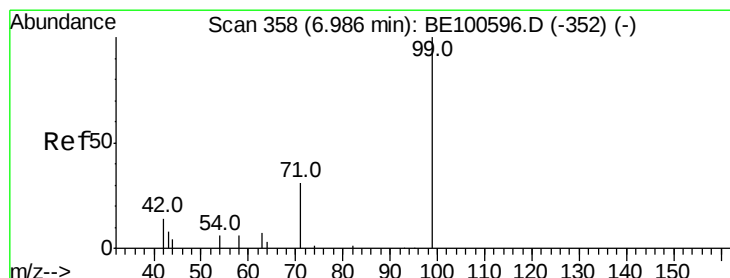
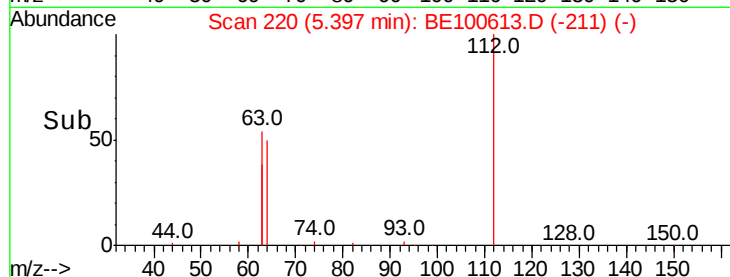
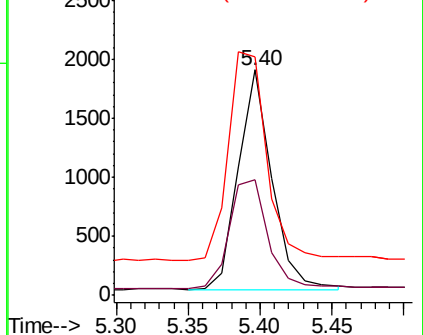
63 109.4 84.5 126.7



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: 0.219 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

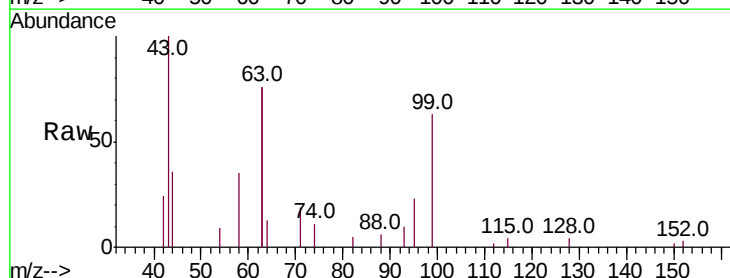
Tgt Ion: 99 Resp: 2851

Ion Ratio Lower Upper

99 100

42 37.6 11.7 17.5#

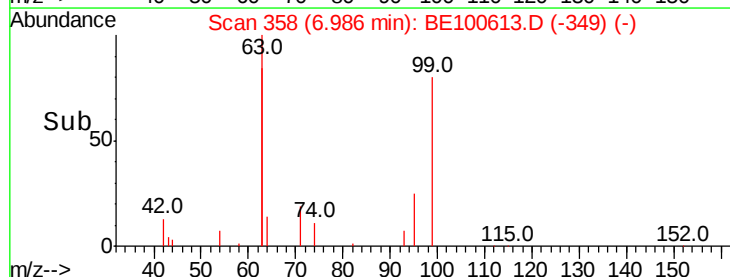
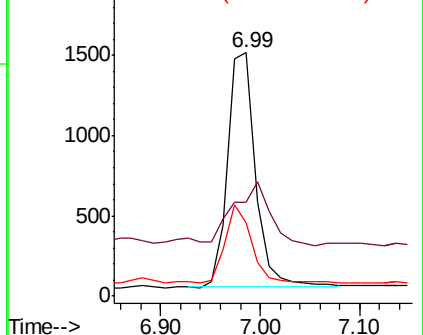
71 0.0 23.0 34.4#

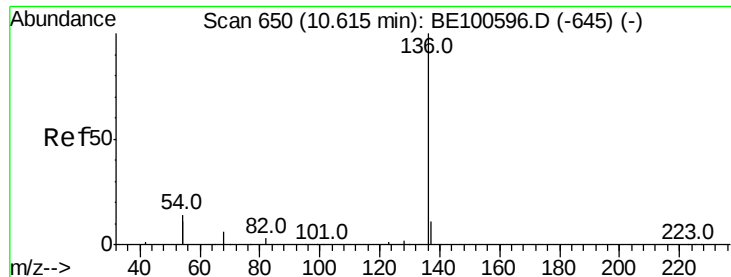


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17614

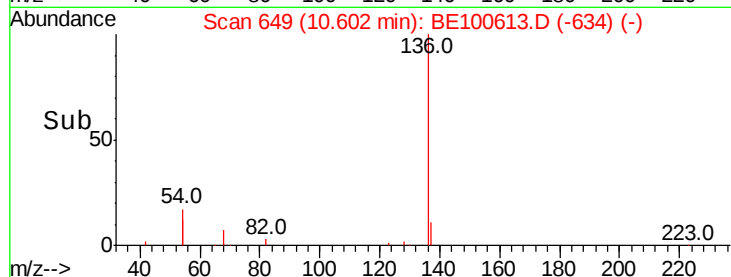
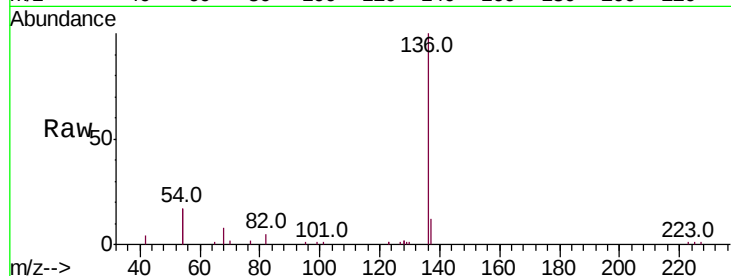
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 33.0 22.4 33.6

68 7.6 5.2 7.8

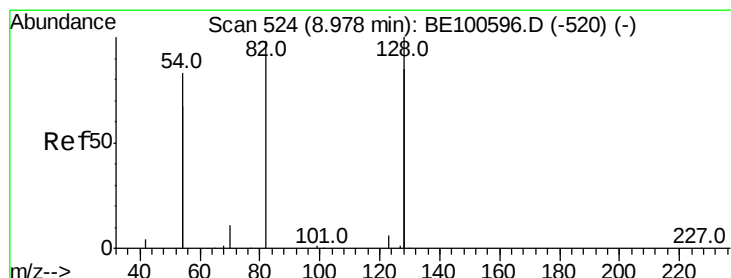
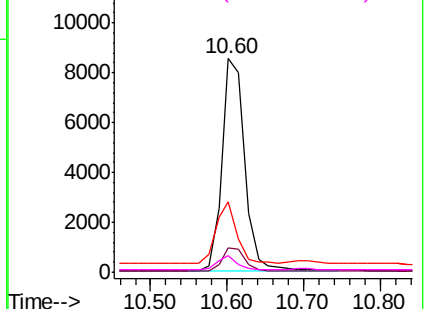


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

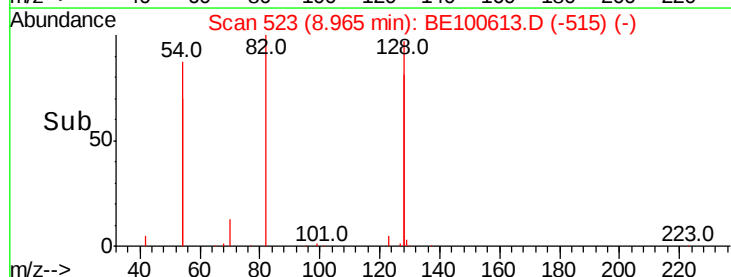
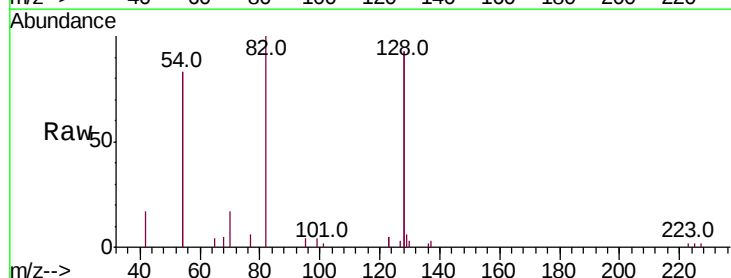
Tgt Ion: 82 Resp: 4079

Ion Ratio Lower Upper

82 100

128 185.3 154.7 232.1

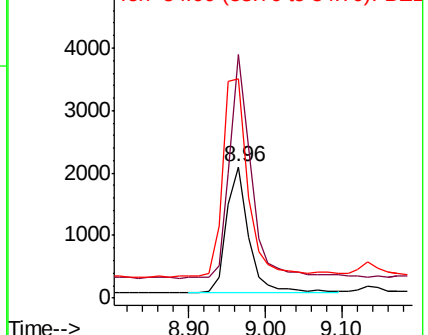
54 167.0 128.5 192.7

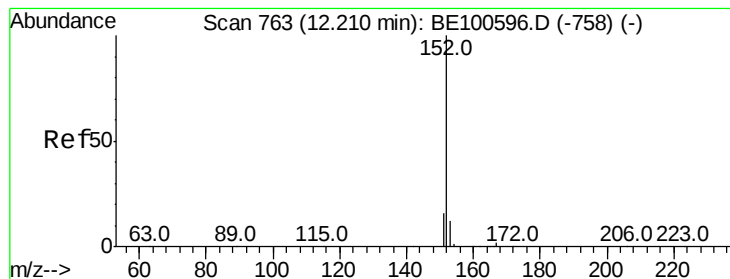


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

Instrument :

BNA_E

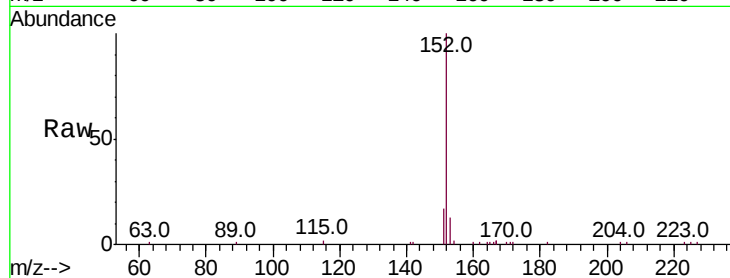
ClientSampleId :

Tot Ion:152 Resp: 9766

Ion Ratio Lower Upper

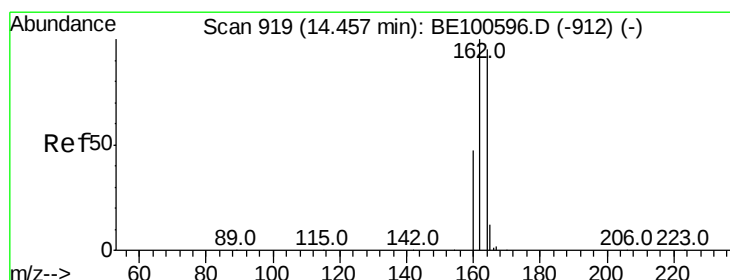
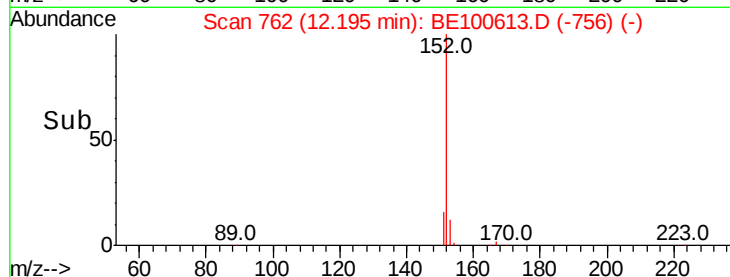
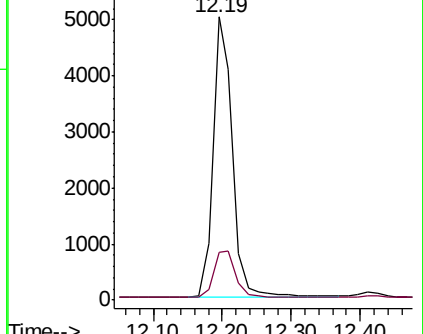
152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

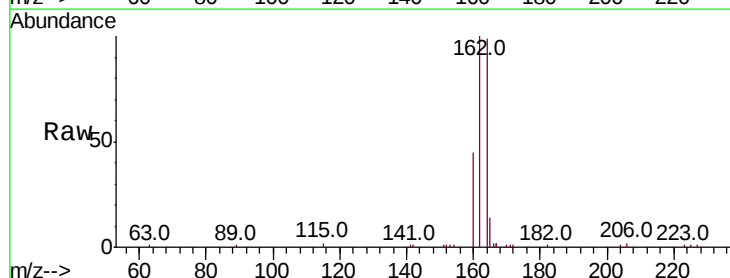
Tgt Ion:164 Resp: 10702

Ion Ratio Lower Upper

164 100

162 101.1 84.2 126.4

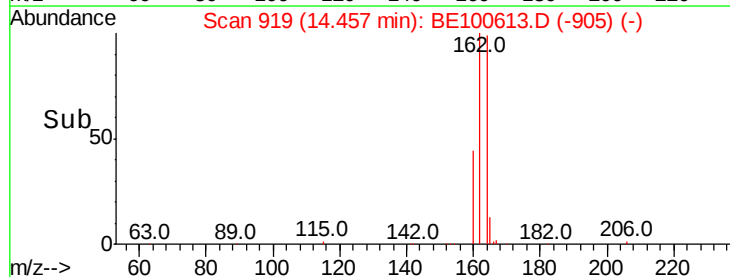
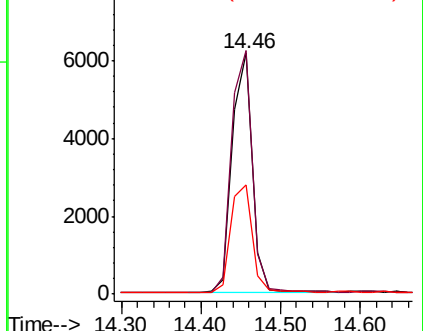
160 45.1 40.2 60.4

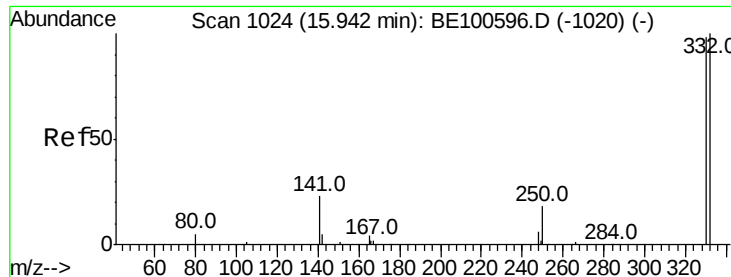


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.007 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

Instrument :

BNA_E

ClientSampled :

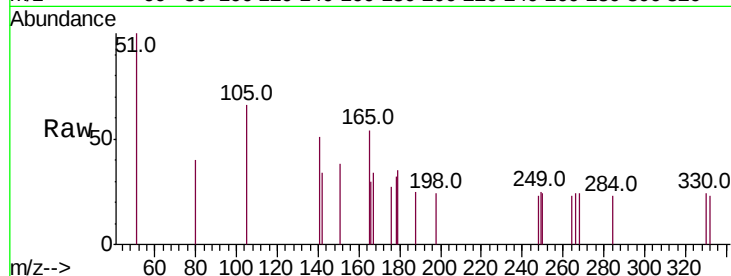
Tot Ion:330 Resp: 18

Ion Ratio Lower Upper

330 100

332 44.4 78.5 117.7#

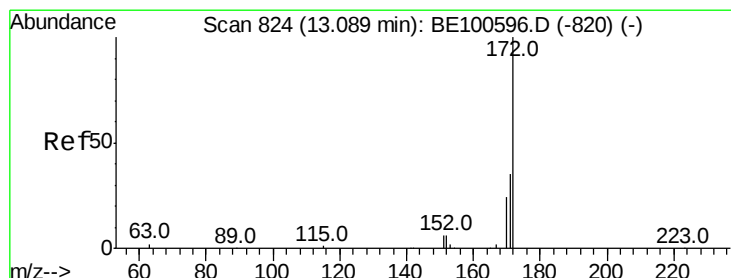
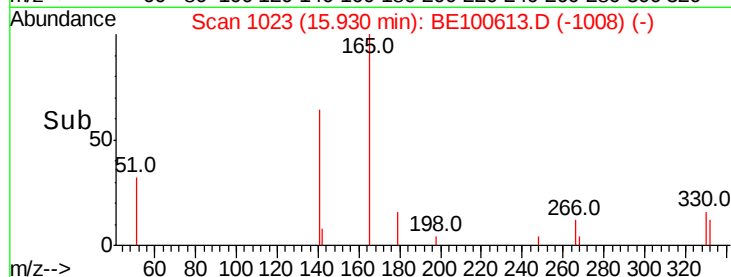
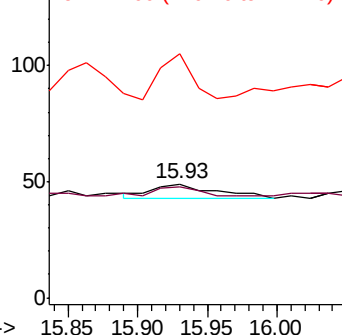
141 177.8 39.4 59.0#



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: 0.335 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

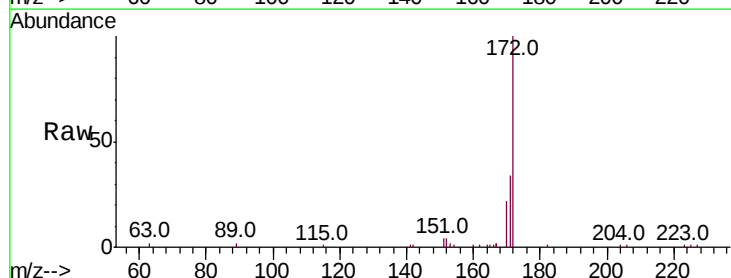
Tgt Ion:172 Resp: 12990

Ion Ratio Lower Upper

172 100

171 34.0 28.7 43.1

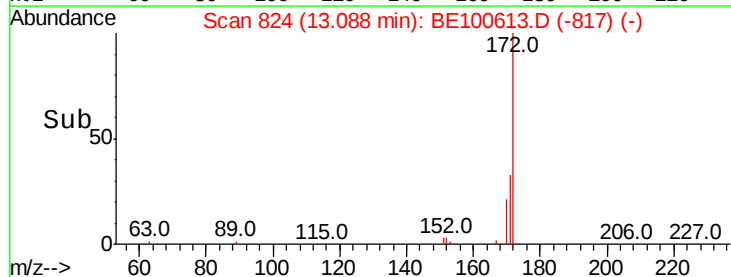
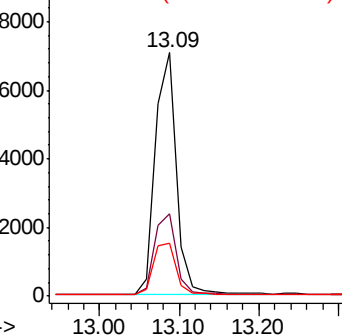
170 22.0 19.8 29.8

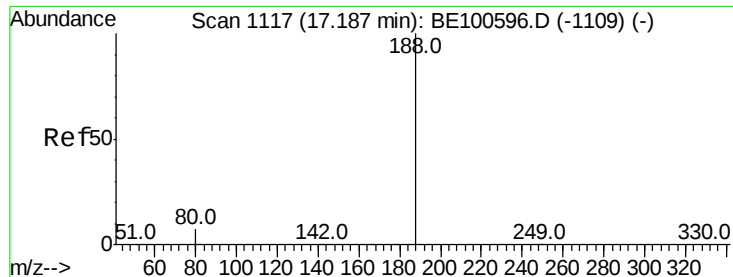


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

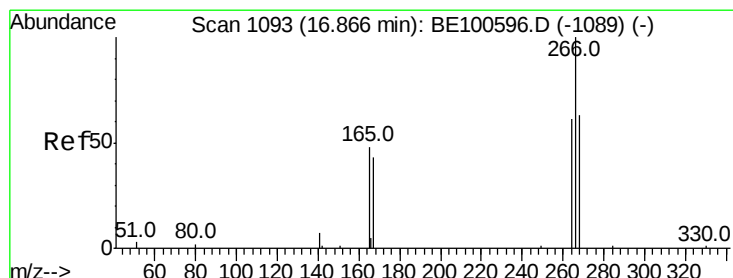
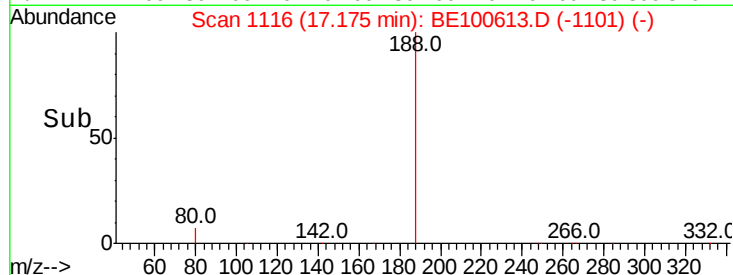
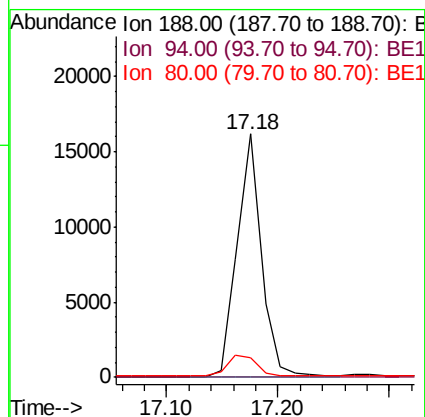
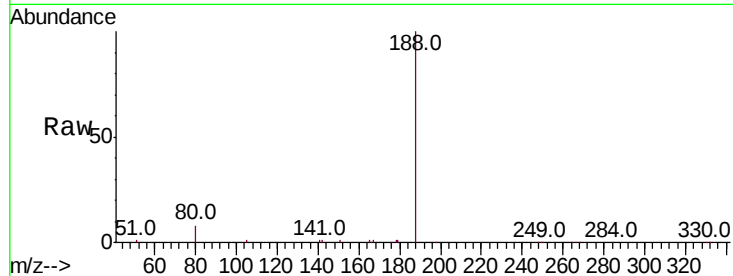




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100613.D
Acq: 8 Oct 2019 17:52

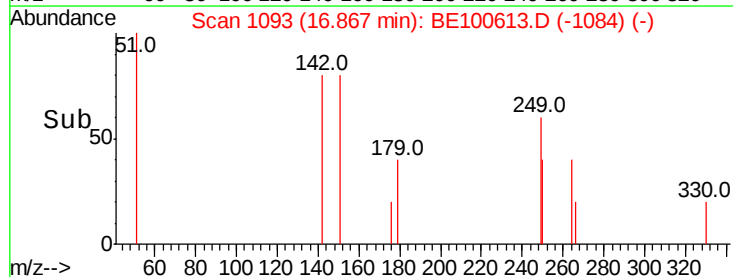
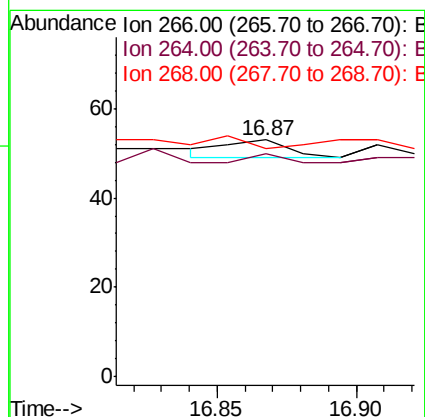
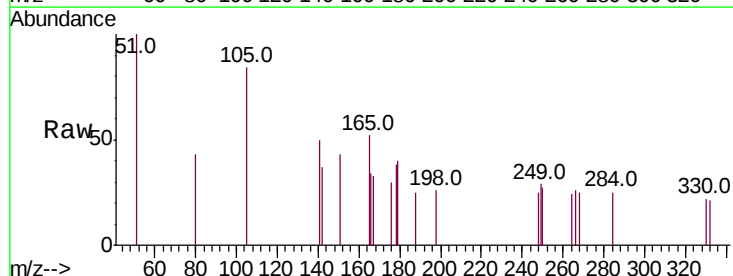
Instrument :
BNA_E
ClientSampleId :

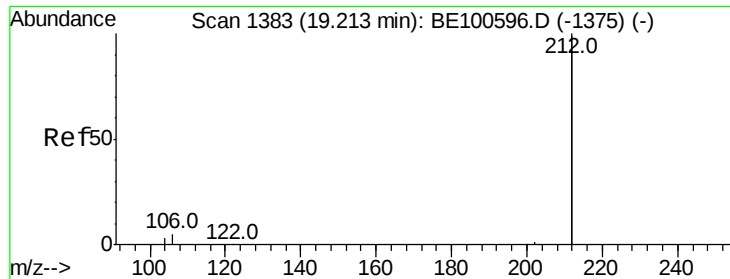
Tot Ion:188 Resp: 24346
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.2 9.2



#22
Pentachlorophenol
Concen: 0.339 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE100613.D
Acq: 8 Oct 2019 17:52

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 94.3 56.3 84.5#
268 96.2 60.3 90.5#





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

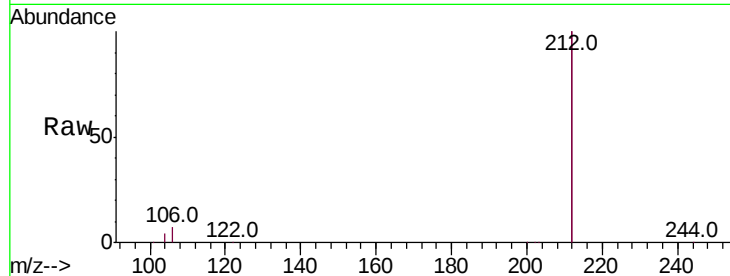
Tot Ion:212 Resp: 122044

Ion Ratio Lower Upper

212 100

106 3.2 2.3 3.5

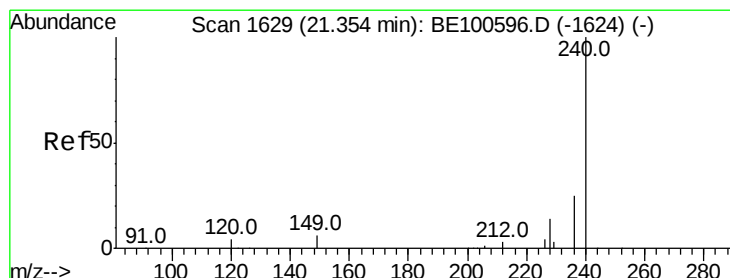
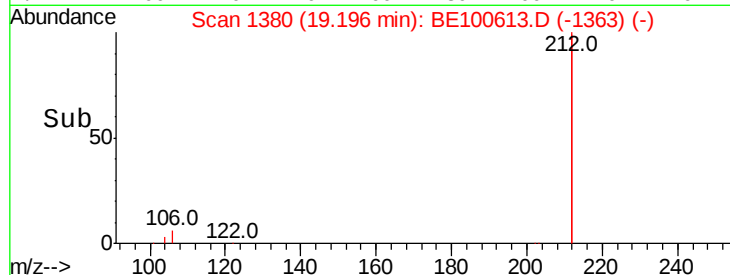
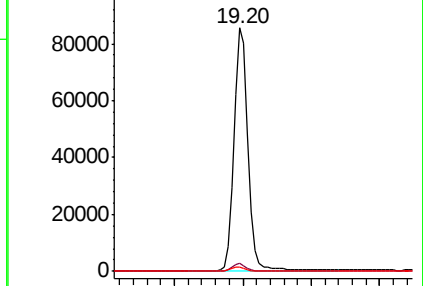
104 1.8 1.3 1.9



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: BE100613.D

Acq: 8 Oct 2019 17:52

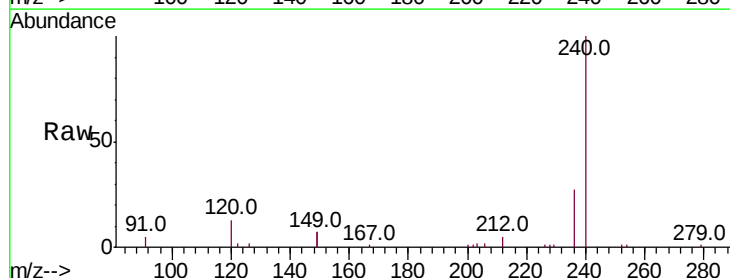
Tgt Ion:240 Resp: 30717

Ion Ratio Lower Upper

240 100

120 13.2 3.6 5.4#

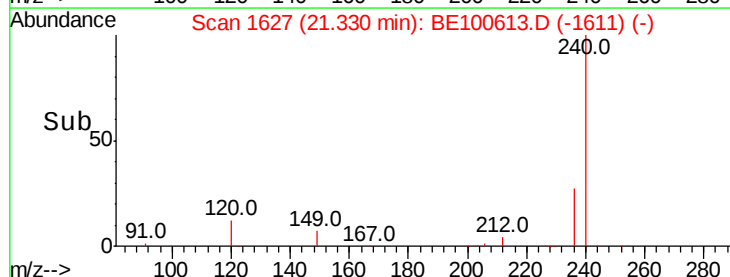
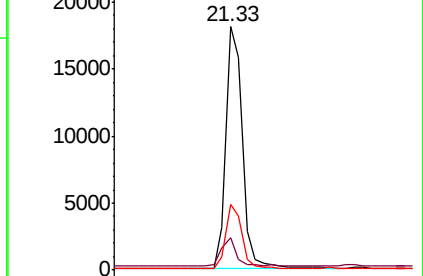
236 27.2 20.5 30.7

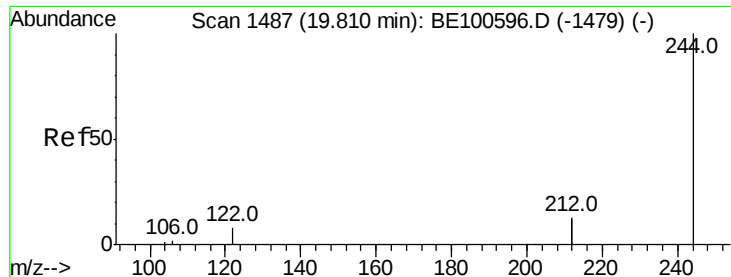


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

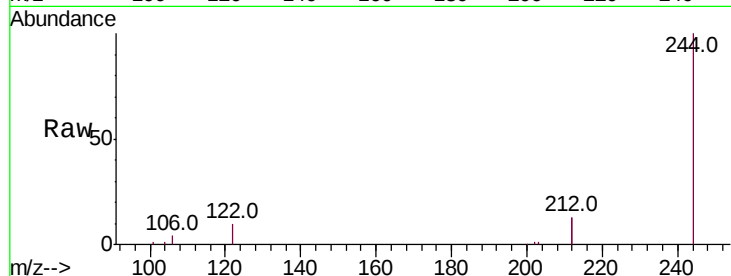
Tot Ion:244 Resp: 32400

Ion Ratio Lower Upper

244 100

212 27.0 20.6 31.0

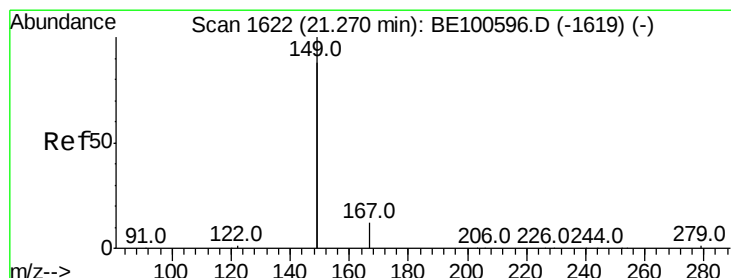
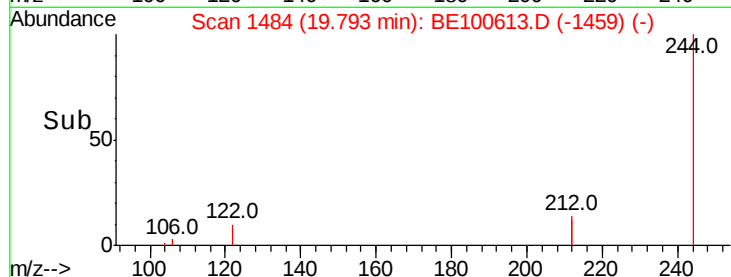
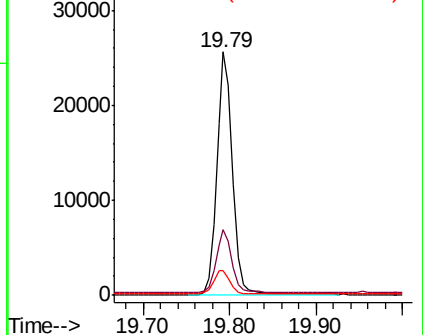
122 10.3 6.5 9.7#



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: 0.160 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE100613.D

Acq: 8 Oct 2019 17:52

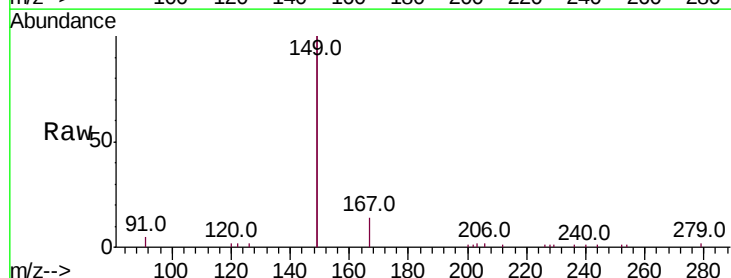
Tgt Ion:149 Resp: 26282

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

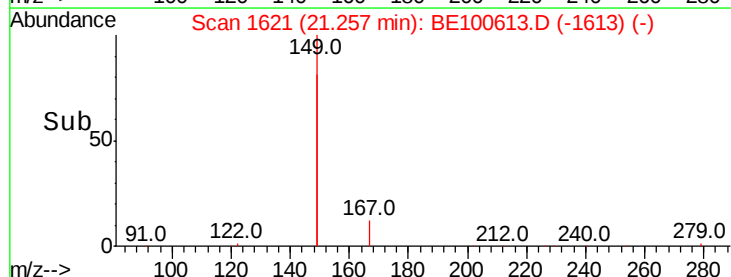
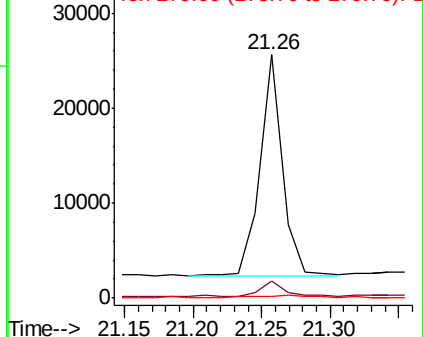
279 1.2 0.9 1.3

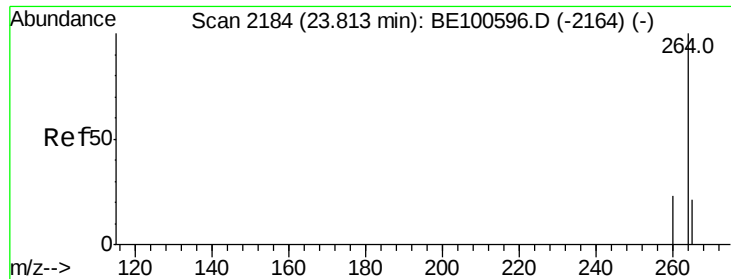


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

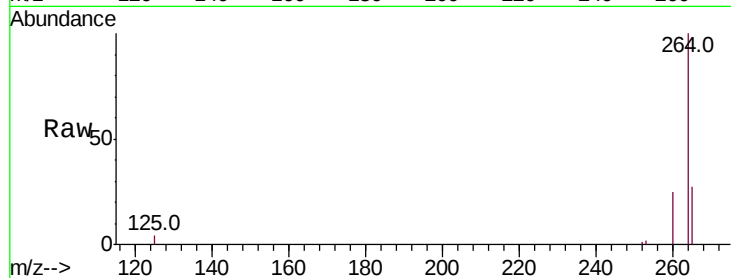




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BE100613.D
 Acq: 8 Oct 2019 17:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 35428
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.4
 265 26.8 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

