

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100669.D
 Acq On : 23 Oct 2019 19:43
 Operator : JU
 Sample : K5398-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 24 01:34:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

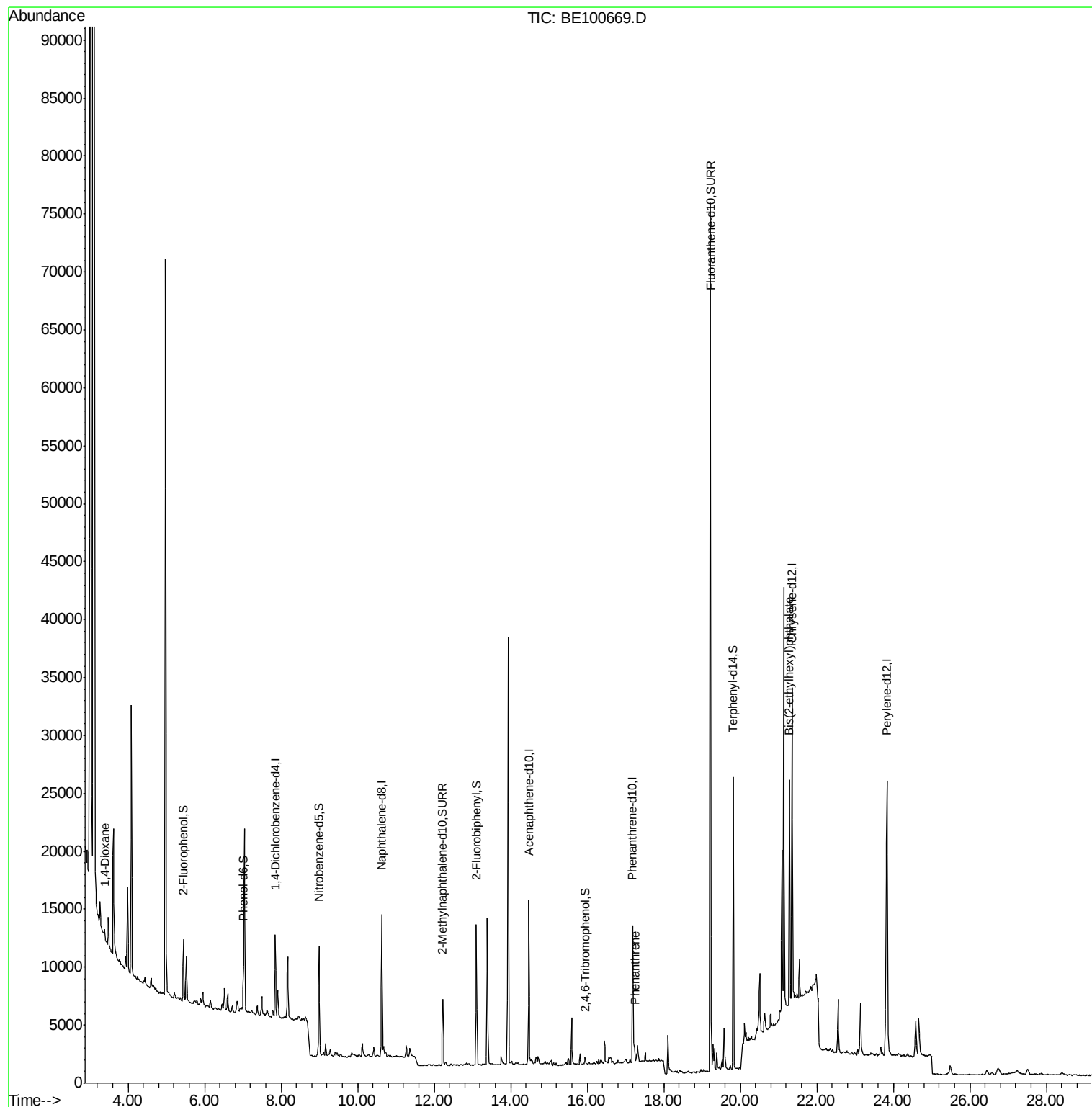
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3296	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13403	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8071	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18765	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	27670	0.40	ng	0.00
34) Perylene-d12	23.83	264	35928	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2554	0.25	ng	0.00
5) Phenol-d6	7.01	99	2585	0.18	ng	0.00
8) Nitrobenzene-d5	8.99	82	3651	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7404	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	360	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	10840	0.37	ng	0.00
25) Fluoranthene-d10	19.22	212	100532	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	21663	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	569	0.097	ng	Qvalue # 49
23) Phenanthrene	17.24	178	1395	0.027	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.28	149	27245	0.144	ng	99

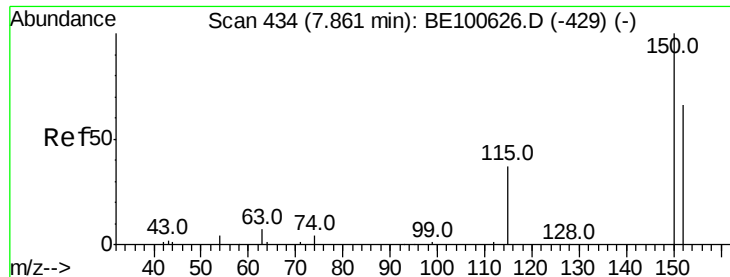
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

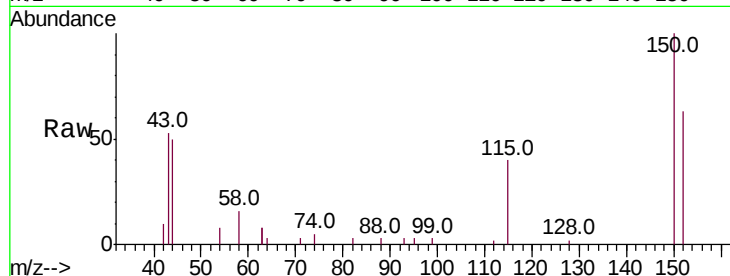
Tot Ion:152 Resp: 3296

Ion Ratio Lower Upper

152 100

150 159.3 123.3 184.9

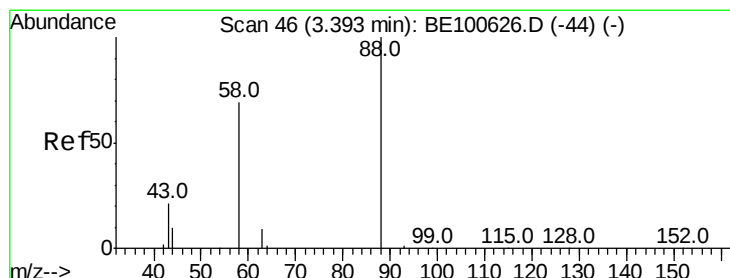
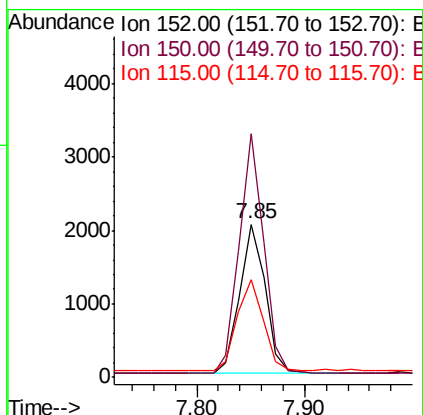
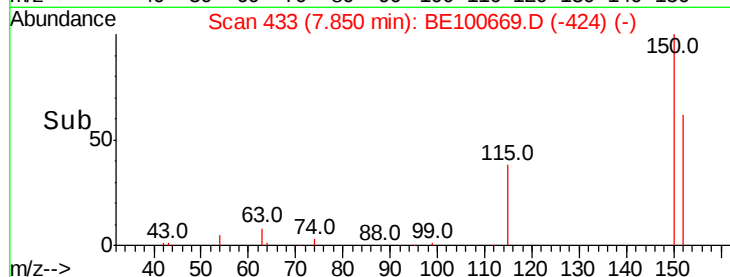
115 64.0 51.9 77.9



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: 0.097 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

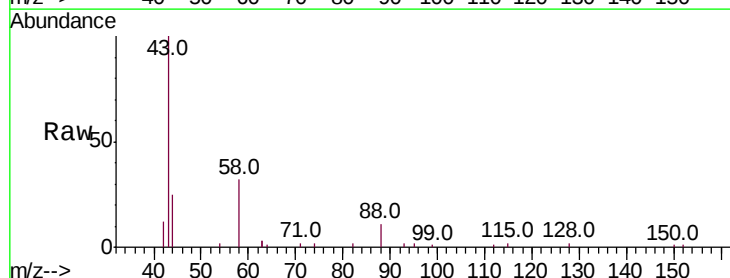
Tgt Ion: 88 Resp: 569

Ion Ratio Lower Upper

88 100

58 115.8 59.8 89.6#

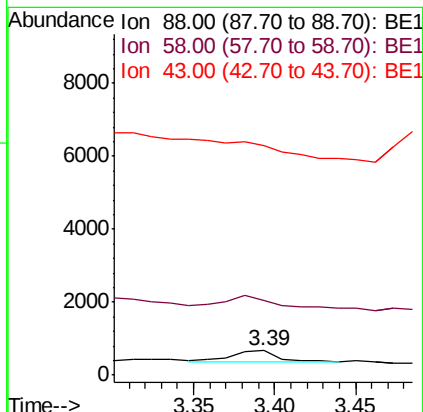
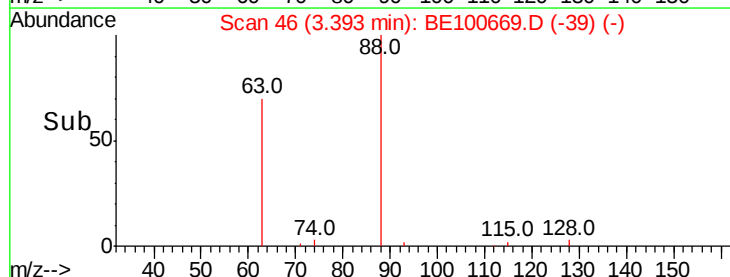
43 0.0 24.6 36.8#

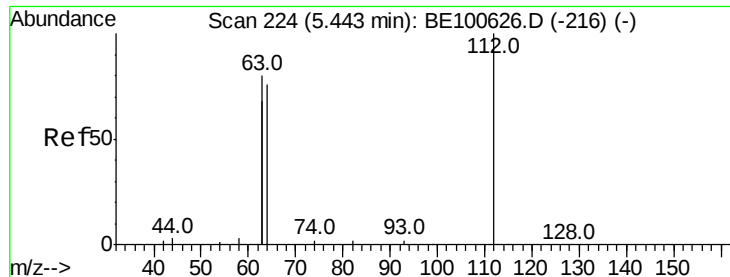


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.251 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

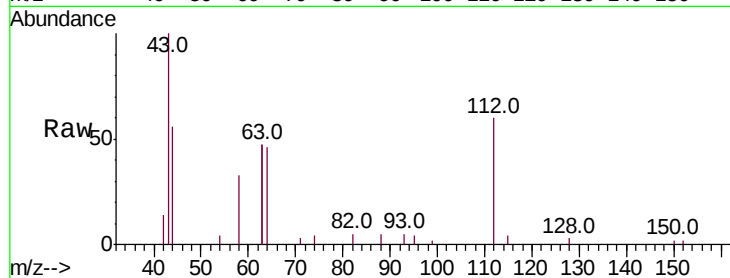
Tot Ion:112 Resp: 2554

Ion Ratio Lower Upper

112 100

64 72.0 55.4 83.2

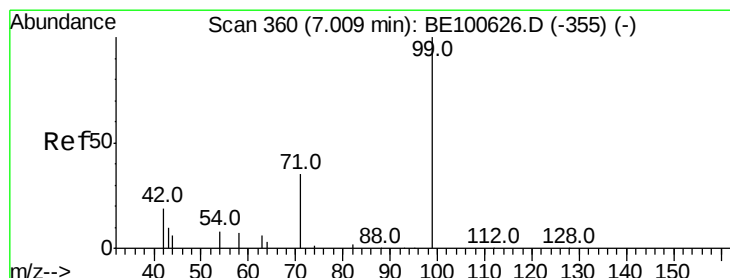
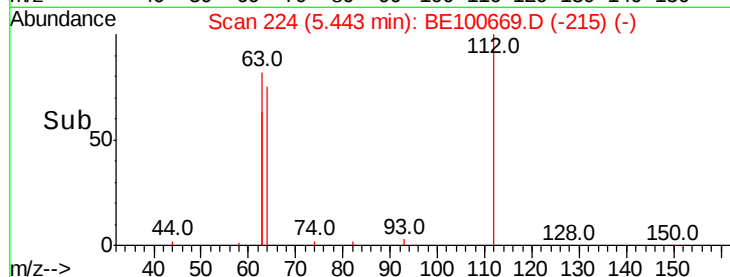
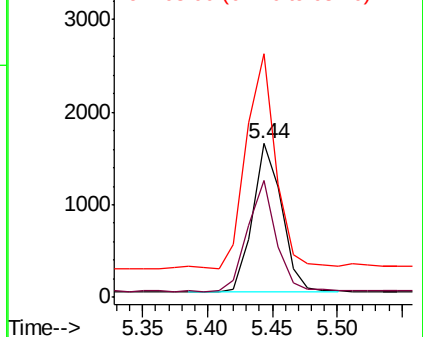
63 144.7 114.2 171.4



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: 0.180 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

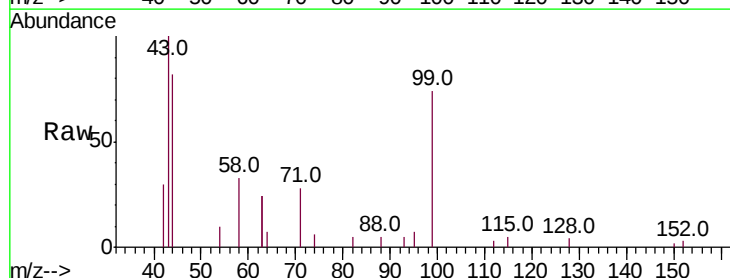
Tgt Ion: 99 Resp: 2585

Ion Ratio Lower Upper

99 100

42 49.6 17.7 26.5#

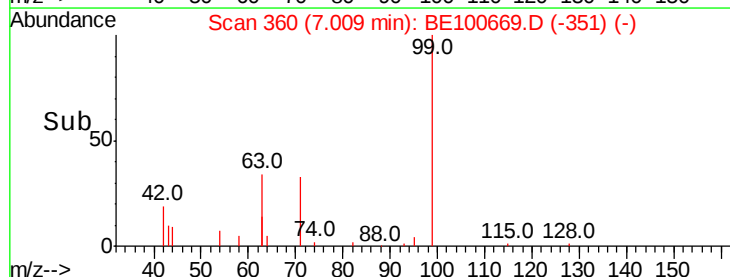
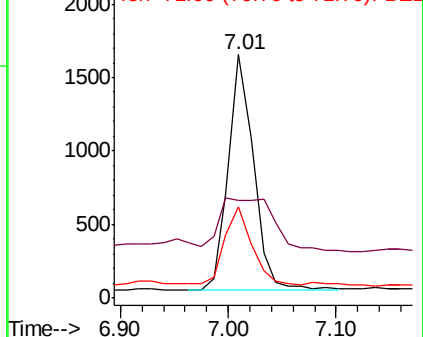
71 35.1 27.4 41.0

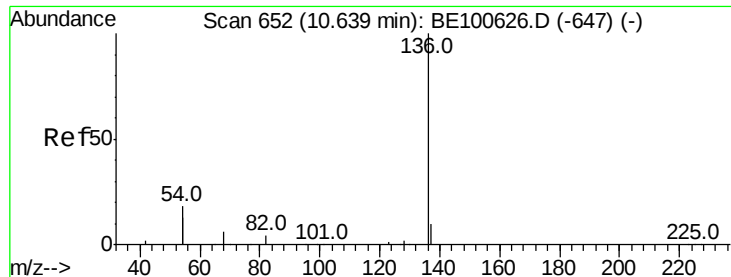


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13403

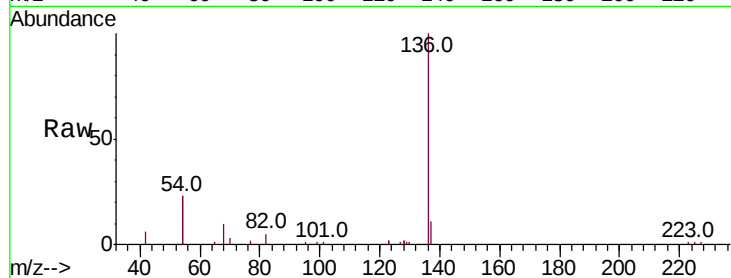
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 46.3 39.4 59.2

68 9.6 8.0 12.0

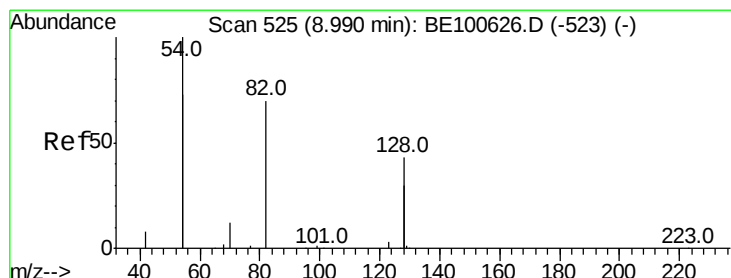
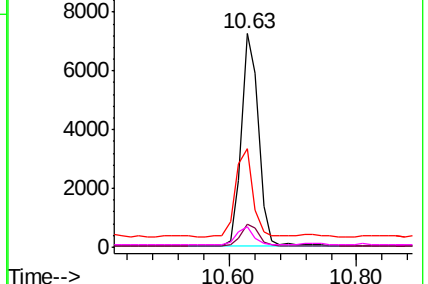
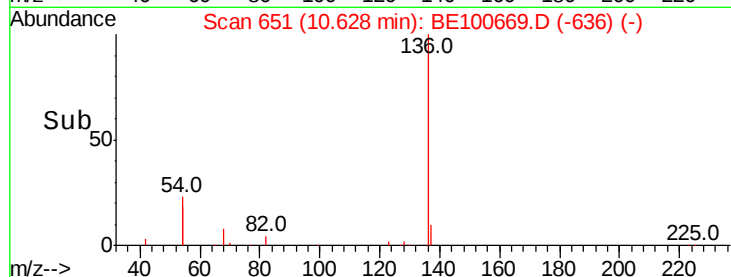


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.439 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

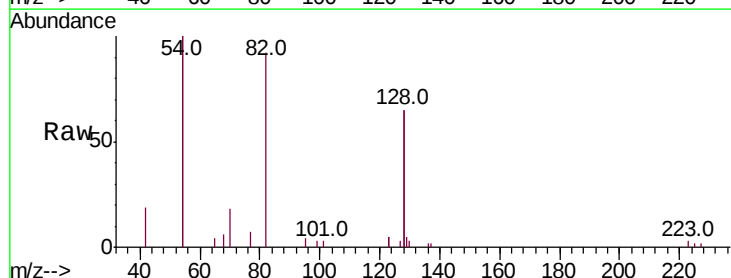
Tgt Ion: 82 Resp: 3651

Ion Ratio Lower Upper

82 100

128 140.5 107.8 161.8

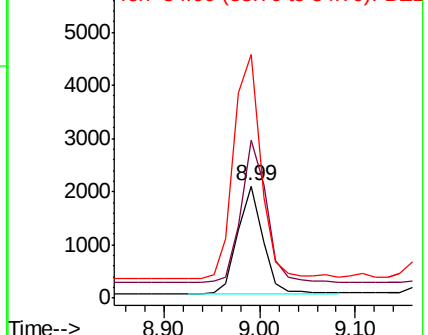
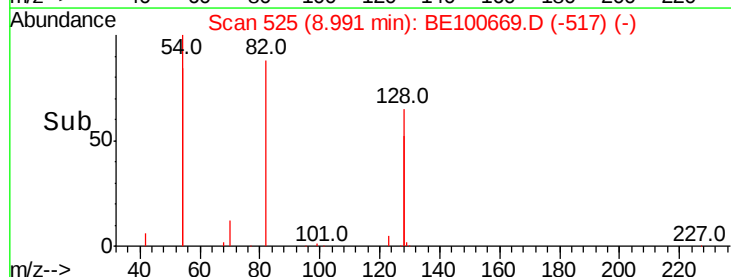
54 216.7 166.1 249.1

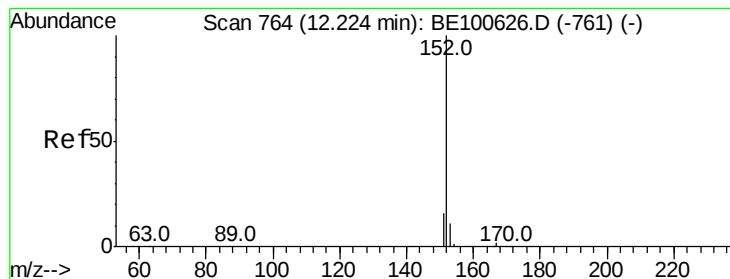


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

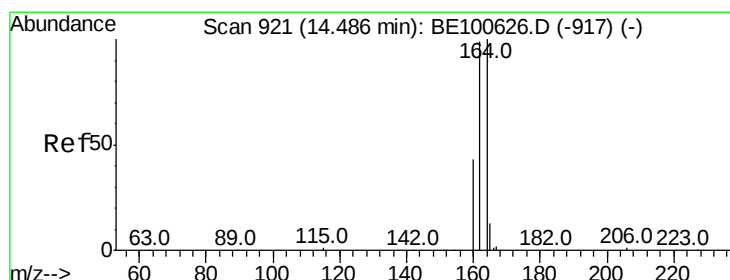
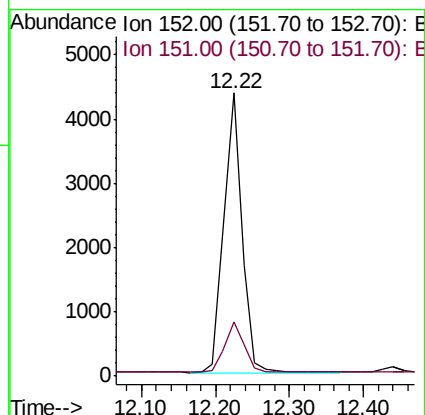
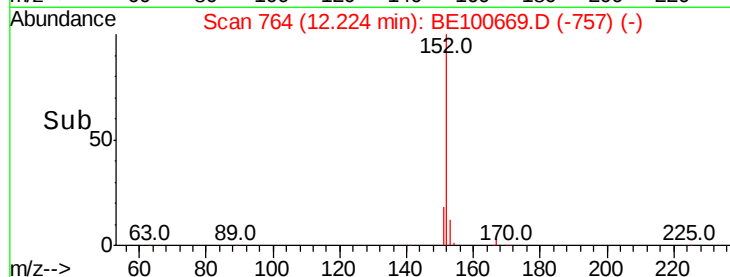
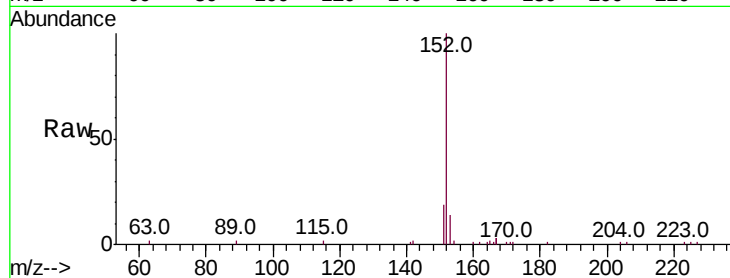
ClientSampleId :

Tot Ion:152 Resp: 7404

Ion Ratio Lower Upper

152 100

151 19.6 14.7 22.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

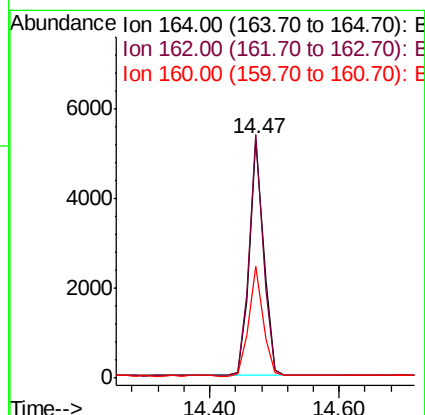
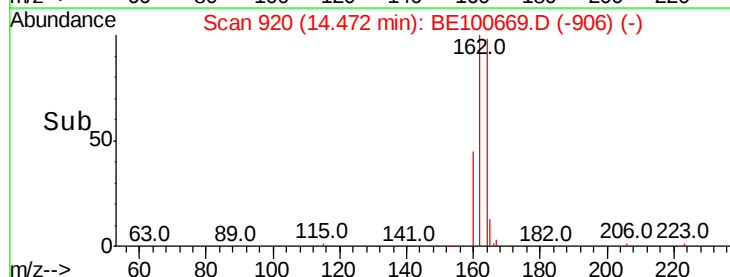
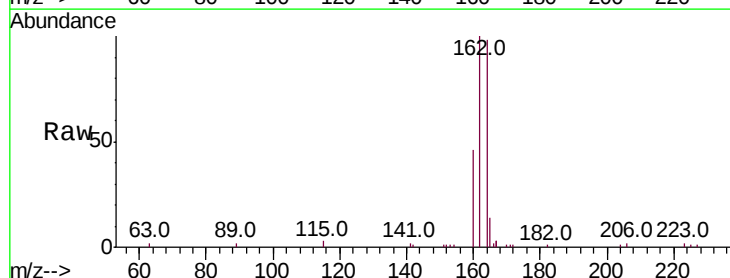
Tgt Ion:164 Resp: 8071

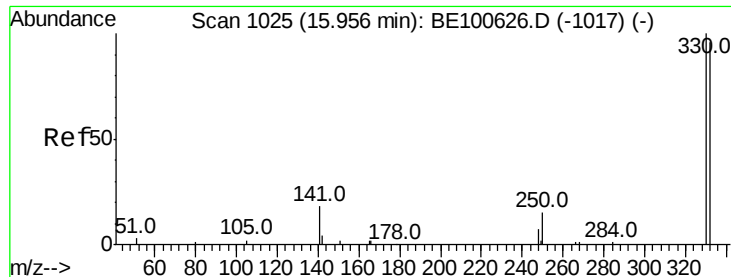
Ion Ratio Lower Upper

164 100

162 102.0 82.0 123.0

160 46.8 37.5 56.3

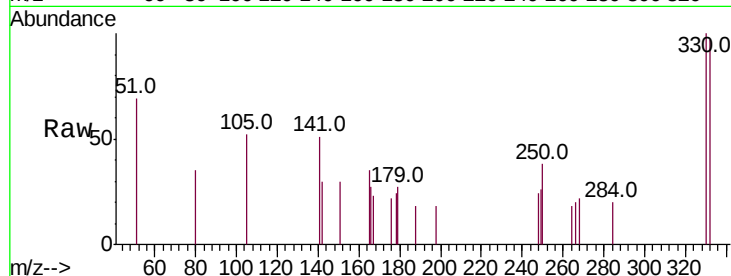




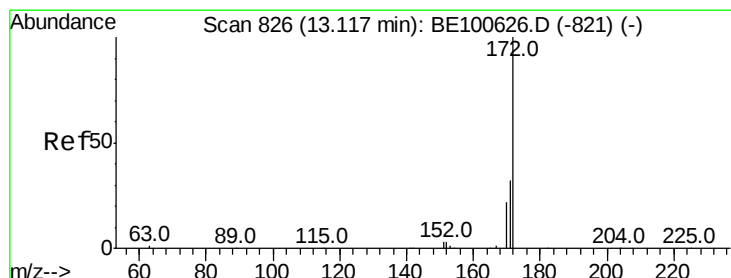
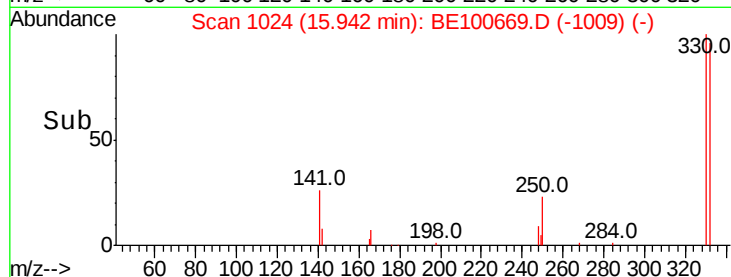
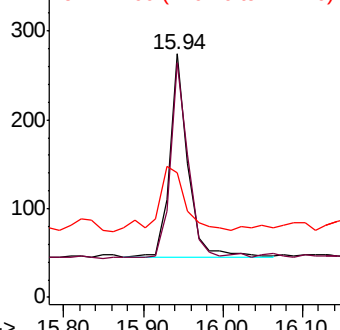
#14
 2,4,6-Tribromophenol
 Concen: 0.169 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE100669.D
 Acq: 23 Oct 2019 19:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 360
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.9 116.9
 141 49.7 33.0 49.6#

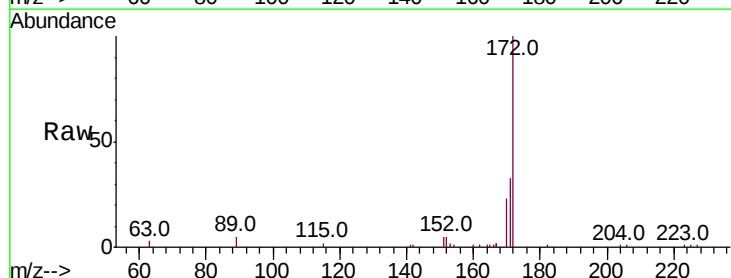


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

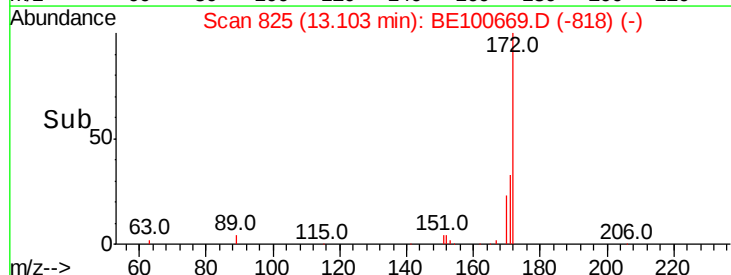
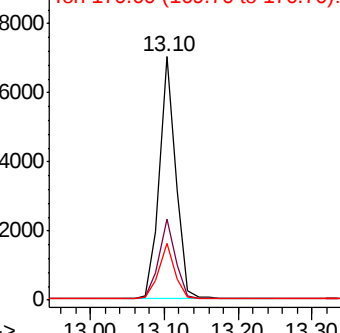


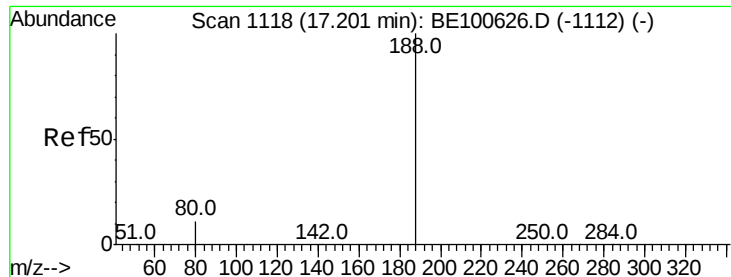
#15
 2-Fluorobiphenyl
 Concen: 0.369 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE100669.D
 Acq: 23 Oct 2019 19:43

Tgt Ion:172 Resp: 10840
 Ion Ratio Lower Upper
 172 100
 171 33.3 26.5 39.7
 170 23.3 19.0 28.4



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: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampled :

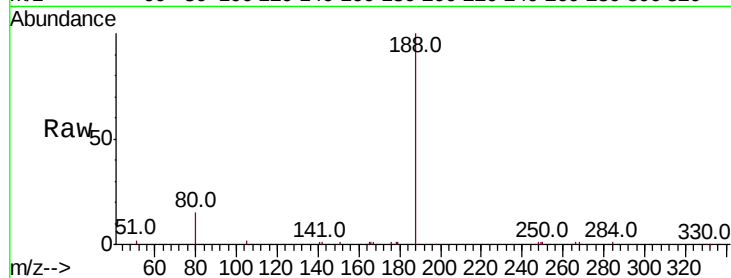
Tot Ion:188 Resp: 18765

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

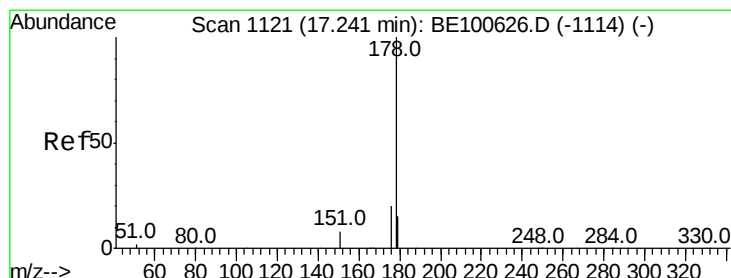
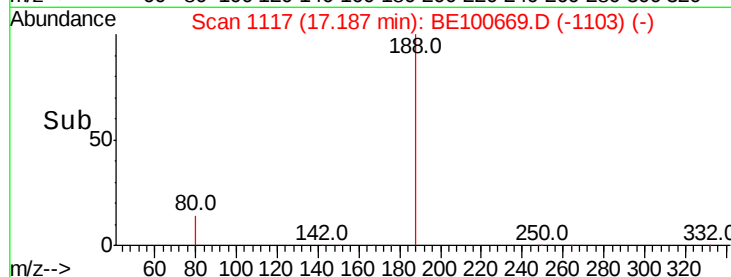
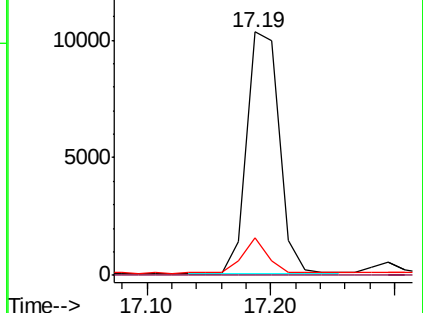
80 15.2 5.4 8.0#



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



#23

Phenanthrene

Concen: 0.027 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

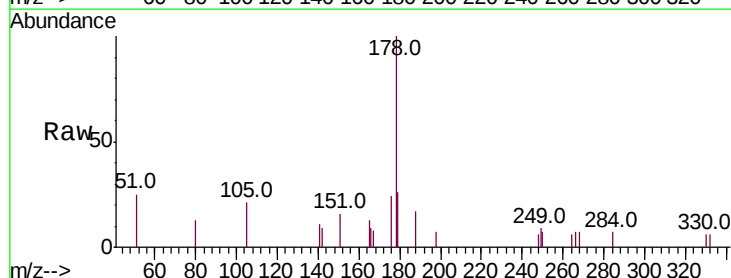
Tgt Ion:178 Resp: 1395

Ion Ratio Lower Upper

178 100

176 21.2 15.2 22.8

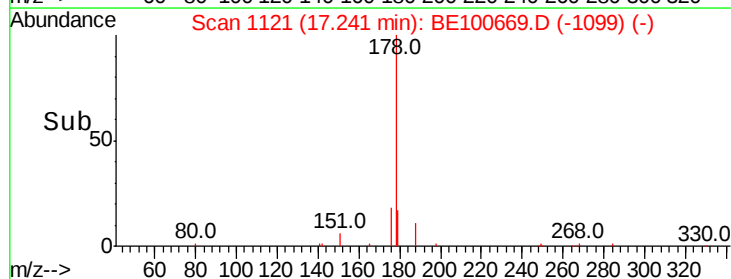
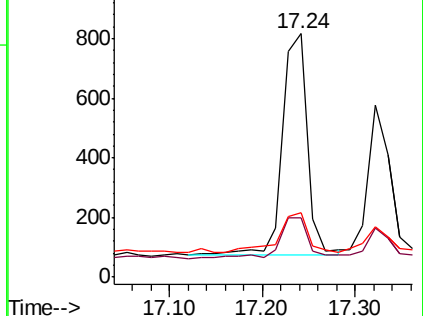
179 21.9 12.1 18.1#

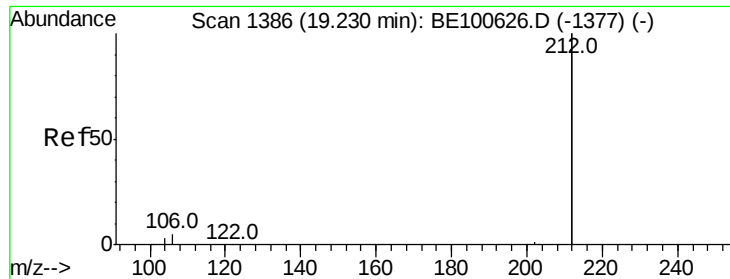


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

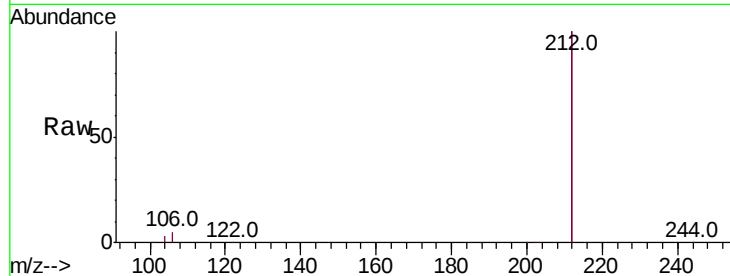
Tot Ion:212 Resp: 100532

Ion Ratio Lower Upper

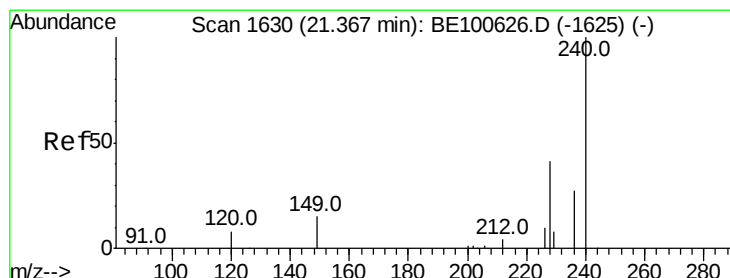
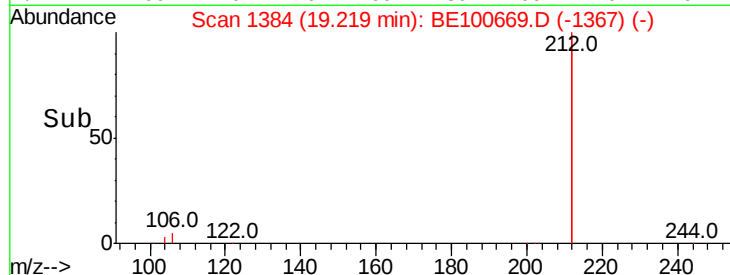
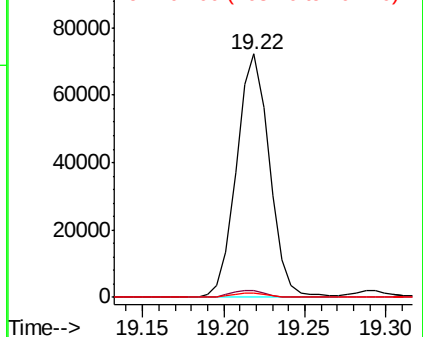
212 100

106 2.9 2.3 3.5

104 1.6 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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

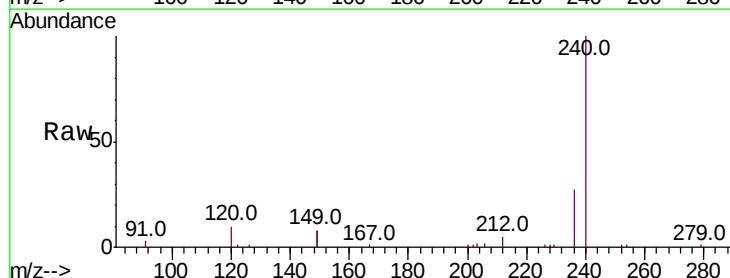
Tgt Ion:240 Resp: 27670

Ion Ratio Lower Upper

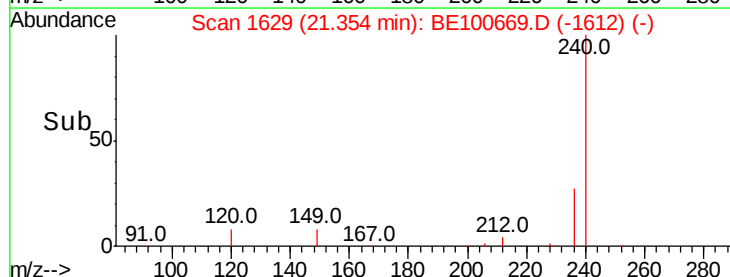
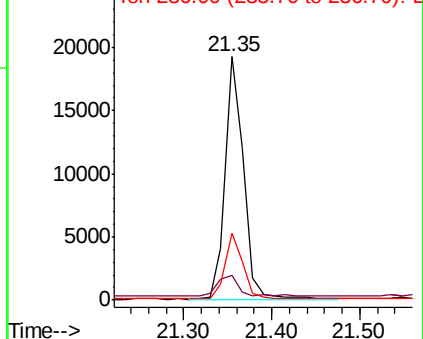
240 100

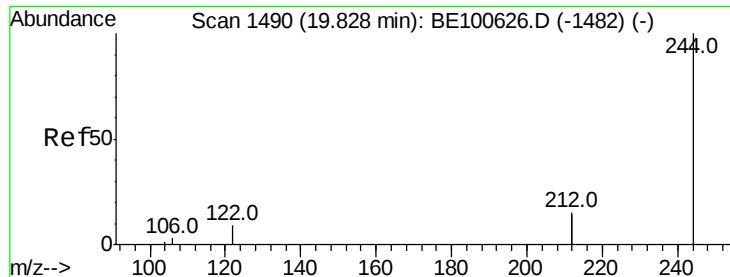
120 10.1 7.6 11.4

236 27.5 22.1 33.1



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: 0.358 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

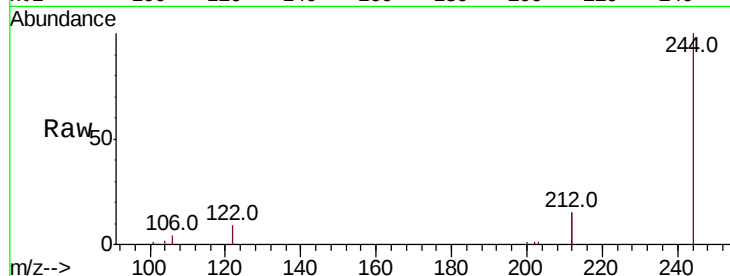
Tot Ion:244 Resp: 21663

Ion Ratio Lower Upper

244 100

212 30.4 23.7 35.5

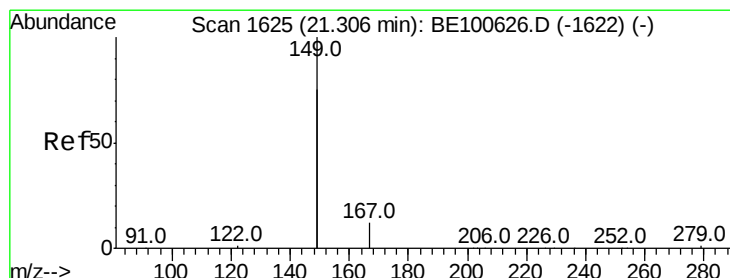
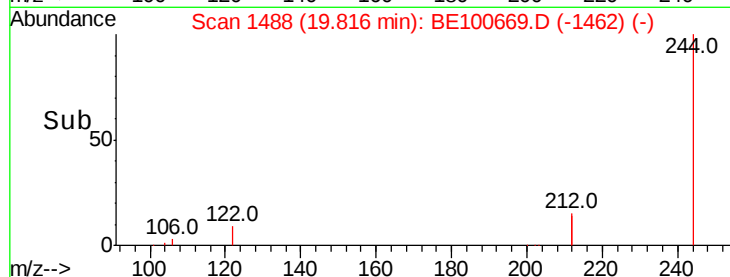
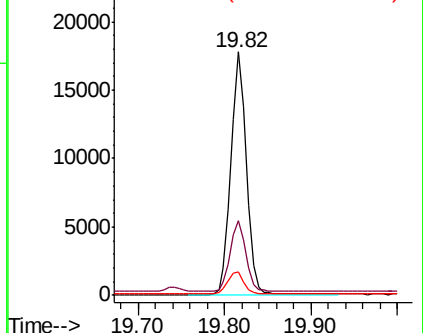
122 9.4 7.9 11.9



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: 0.144 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

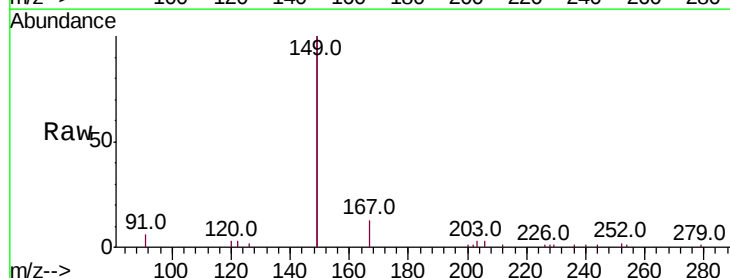
Tgt Ion:149 Resp: 27245

Ion Ratio Lower Upper

149 100

167 7.1 5.5 8.3

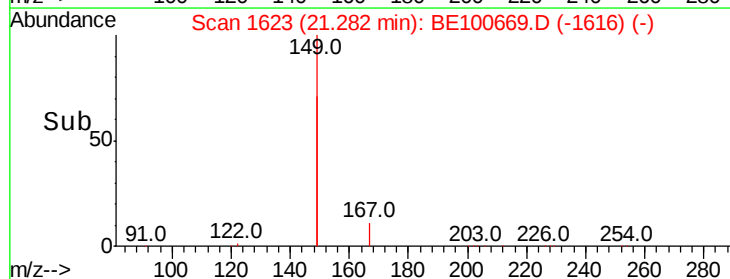
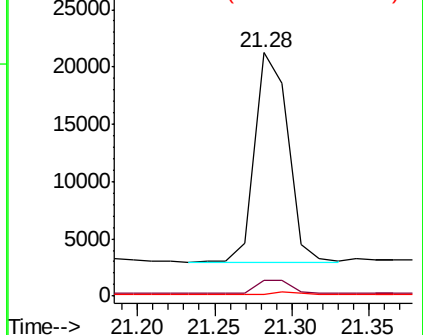
279 1.1 0.9 1.3

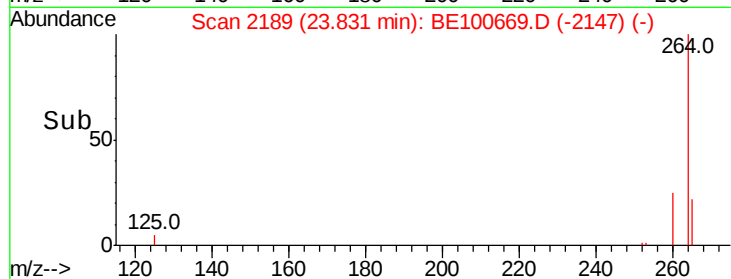
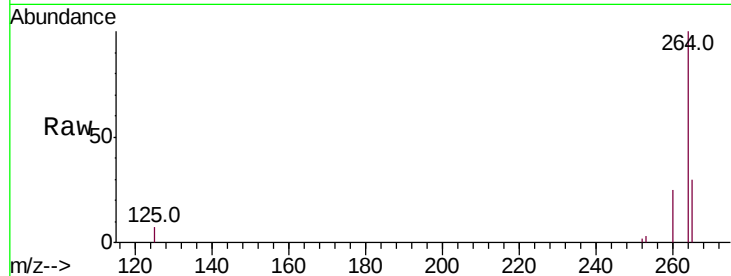
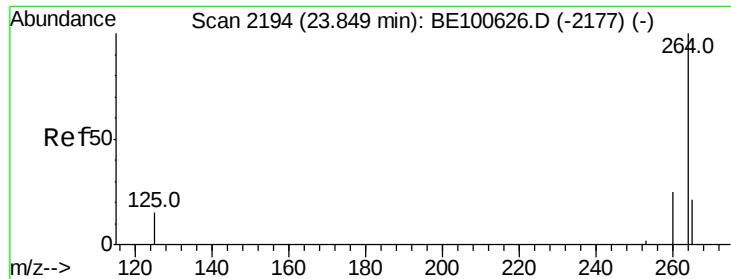


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 35928

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 29.7 21.7 32.5

