

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
 Data File : BE099646.D
 Acq On : 17 May 2019 11:24
 Operator : JU/SJ
 Sample : PB119781BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 12:18:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

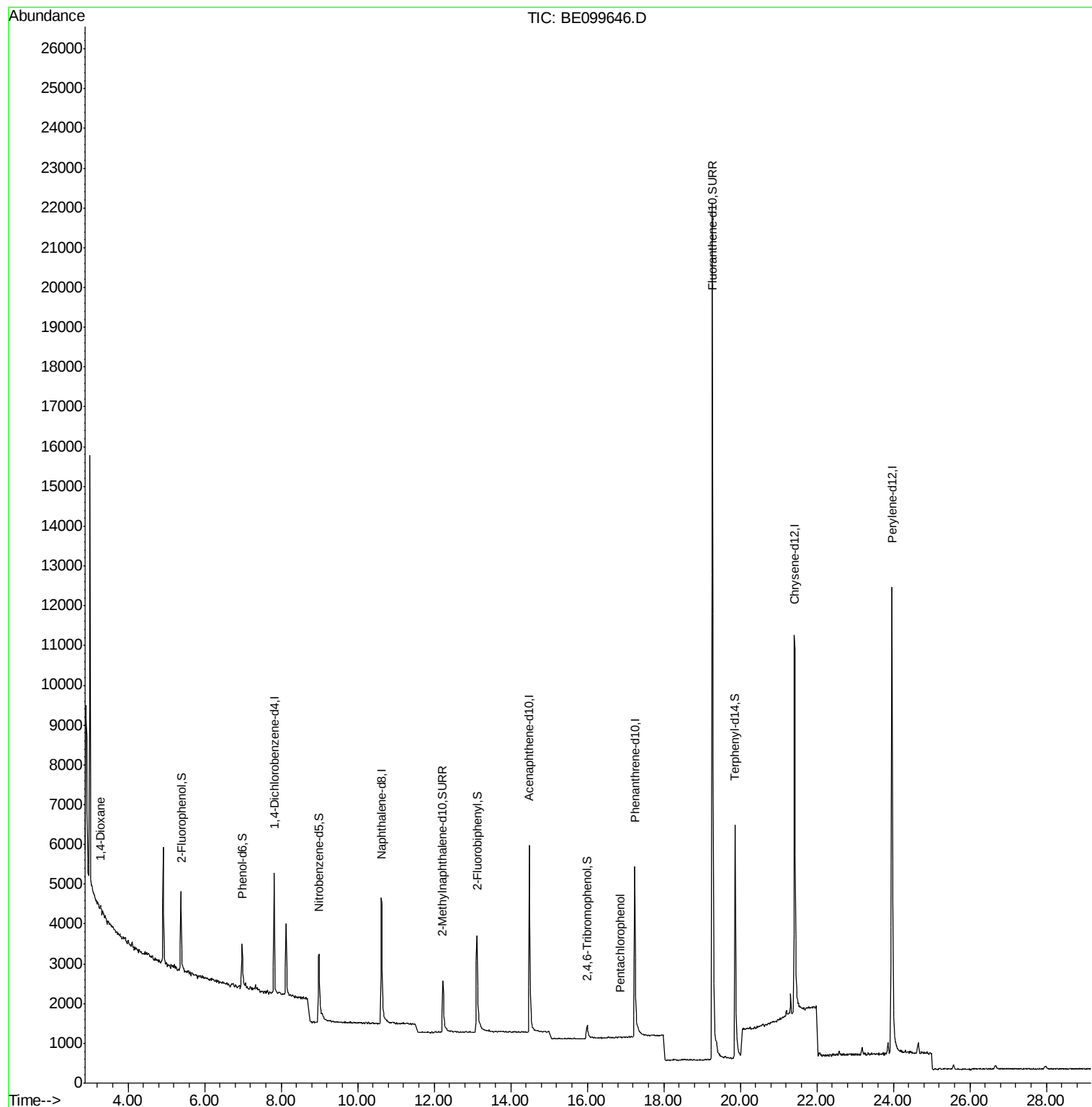
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1743	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	5672	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	3770	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	10391	0.40	ng	0.01
27) Chrysene-d12	21.43	240	15575	0.40	ng	0.01
34) Perylene-d12	23.96	264	20707	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1372	0.28	ng	0.01
5) Phenol-d6	6.97	99	1535	0.24	ng	0.00
8) Nitrobenzene-d5	8.98	82	1249	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2712	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	422	0.16	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	4103	0.28	ng	0.02
25) Fluoranthene-d10	19.27	212	39961	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	8328	0.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	68	0.026	ng	# 2
22) Pentachlorophenol	16.87	266	6	0.277	ng	# 72

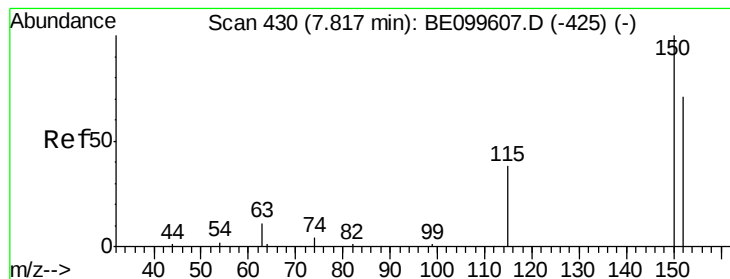
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 14 19:30:50 2019
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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: BE099646.D

Acq: 17 May 2019 11:24

Instrument :

BNA_E

ClientSampleId :

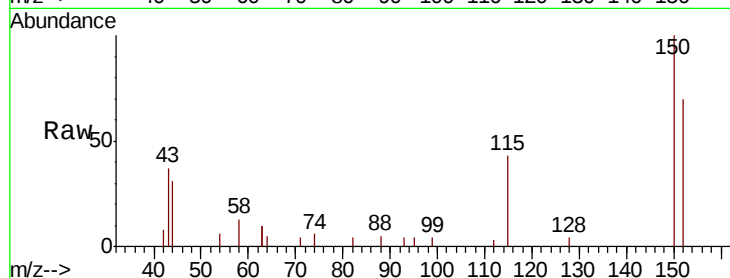
Tot Ion:152 Resp: 1743

Ion Ratio Lower Upper

152 100

150 143.1 110.1 165.1

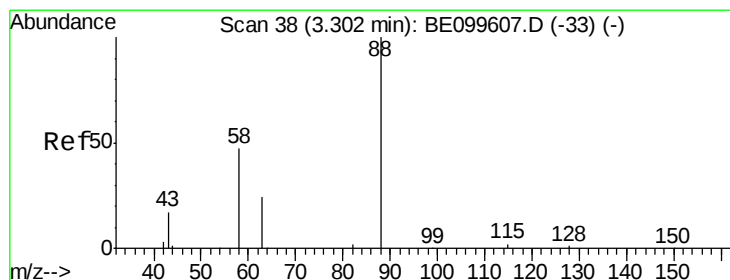
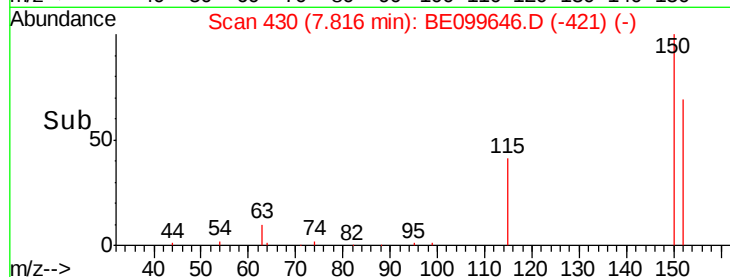
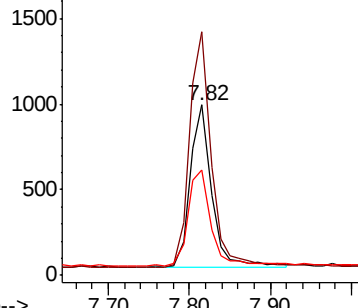
115 62.0 46.2 69.4



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: 0.026 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

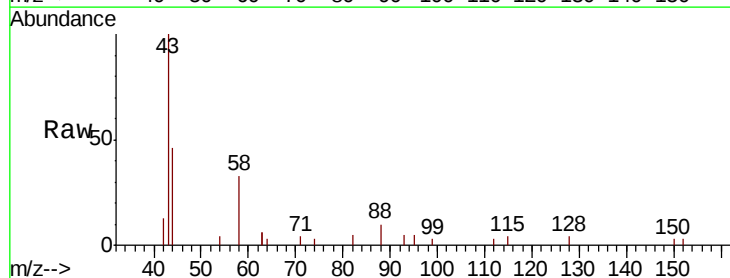
Tgt Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

58 133.8 39.8 59.6#

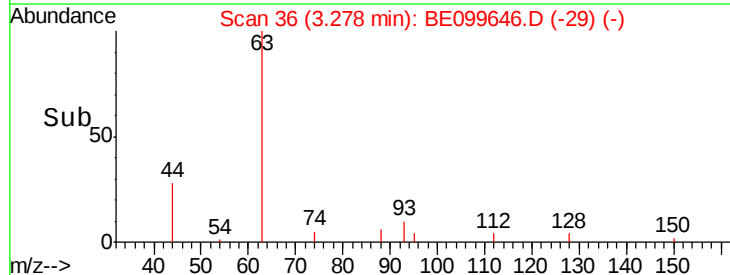
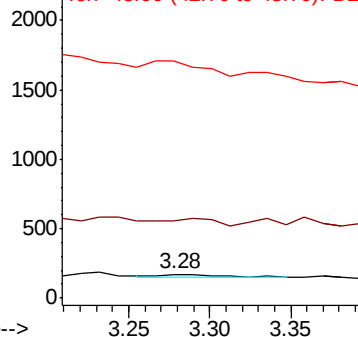
43 0.0 21.0 31.6#

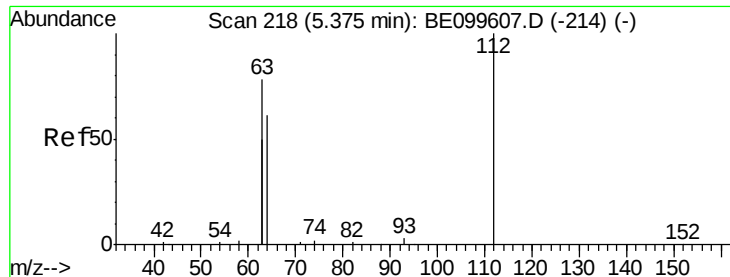


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.277 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

Instrument :

BNA_E

ClientSampled :

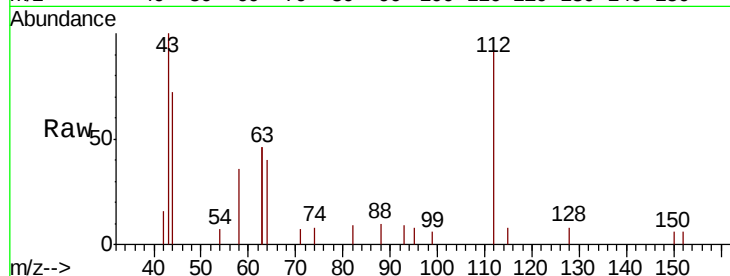
Tot Ion: 112 Resp: 1372

Ion Ratio Lower Upper

112 100

64 53.5 43.7 65.5

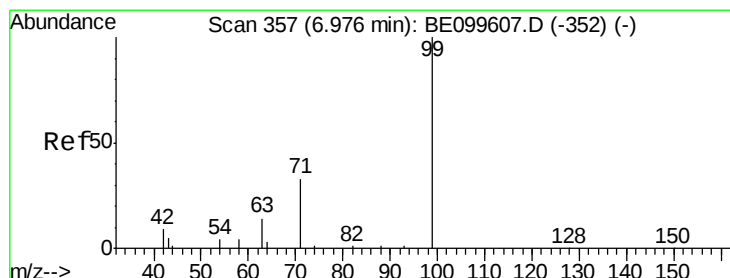
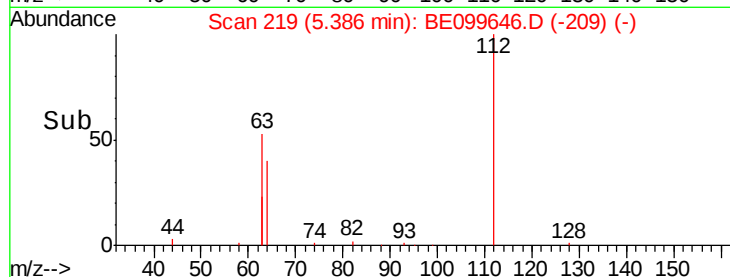
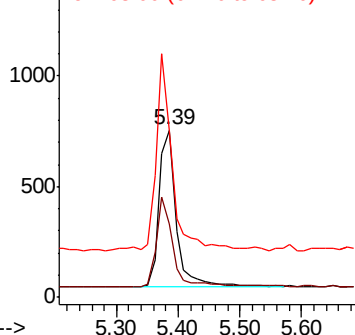
63 112.2 94.0 141.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.245 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

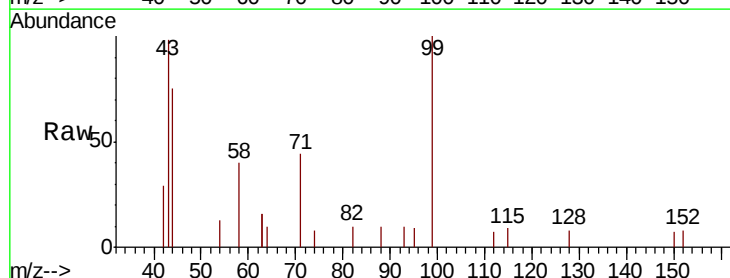
Tgt Ion: 99 Resp: 1535

Ion Ratio Lower Upper

99 100

42 13.6 14.3 21.5#

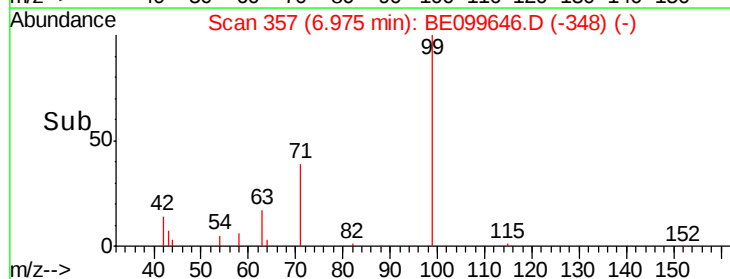
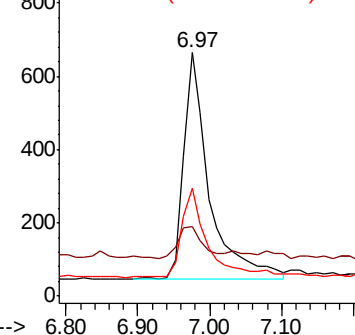
71 40.3 33.1 49.7

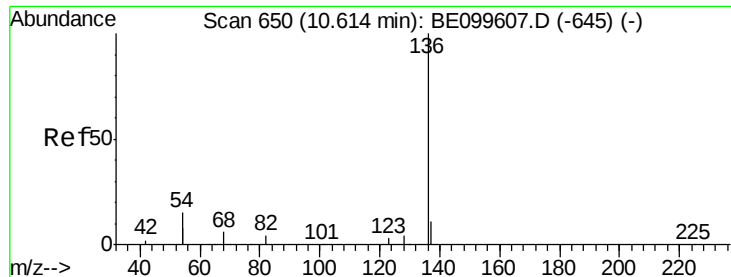


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5672

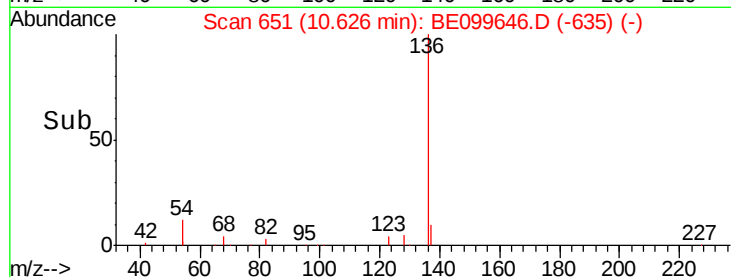
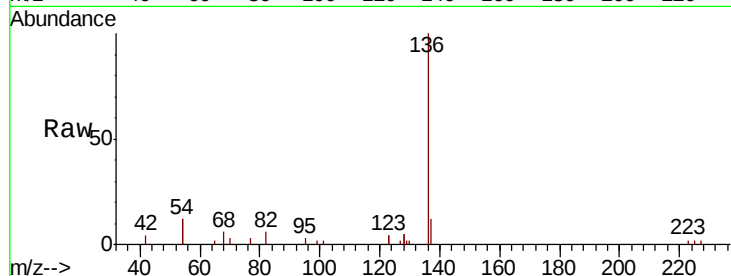
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 23.2 23.8 35.8#

68 6.4 6.2 9.2

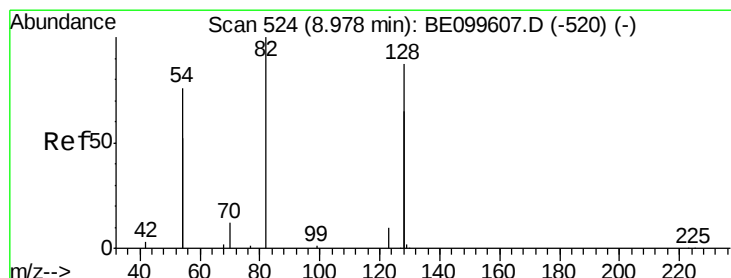
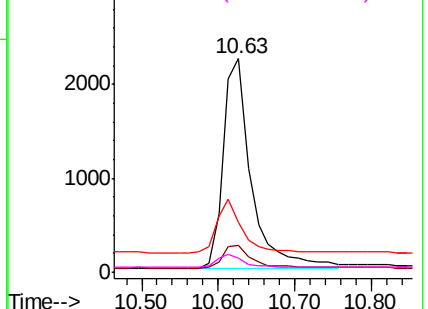


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.227 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

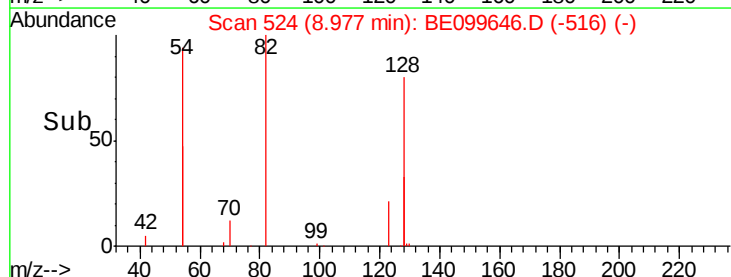
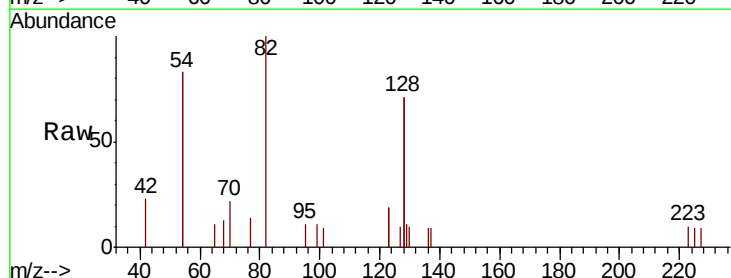
Tgt Ion: 82 Resp: 1249

Ion Ratio Lower Upper

82 100

128 142.2 131.4 197.2

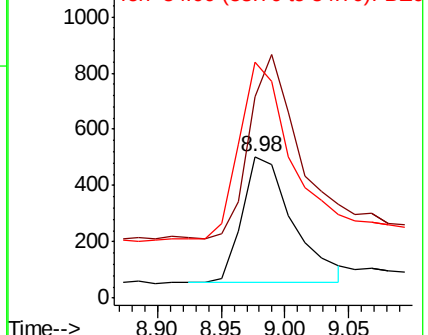
54 166.9 113.9 170.9

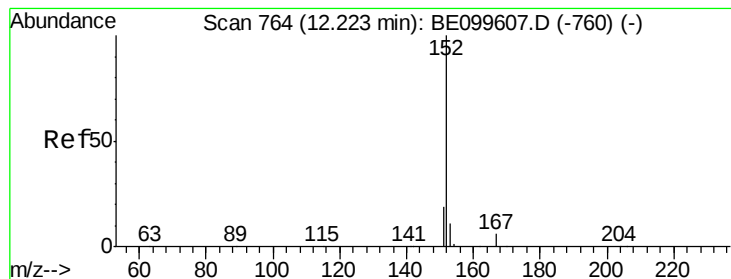


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.284 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

Instrument :

BNA_E

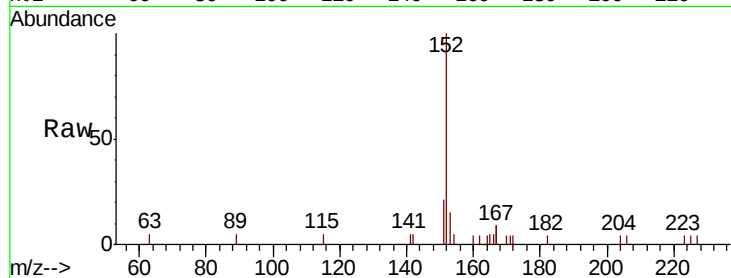
ClientSampleId :

Tot Ion:152 Resp: 2712

Ion Ratio Lower Upper

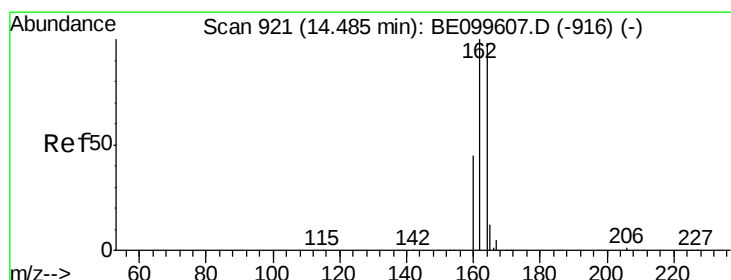
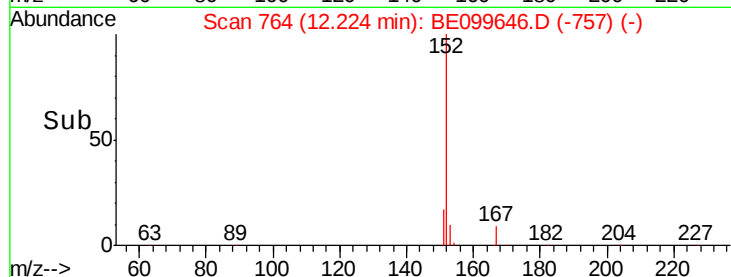
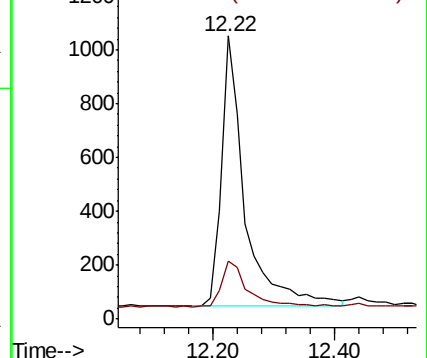
152 100

151 19.2 15.3 22.9



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: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

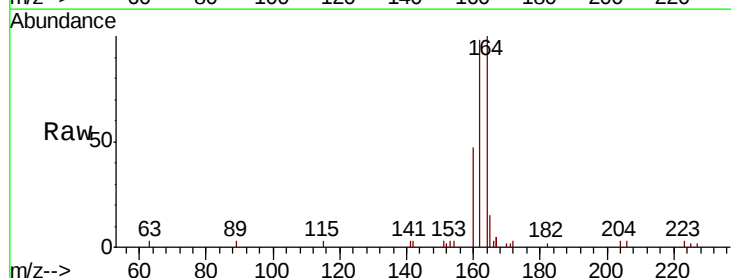
Tgt Ion:164 Resp: 3770

Ion Ratio Lower Upper

164 100

162 97.5 81.4 122.0

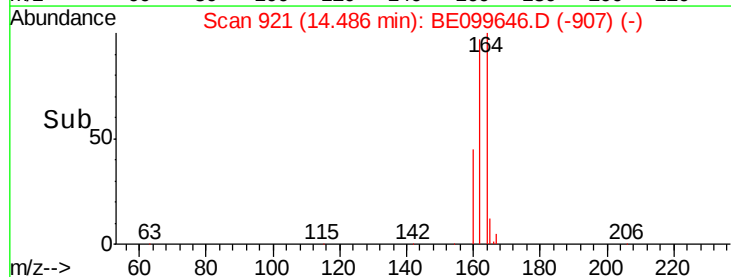
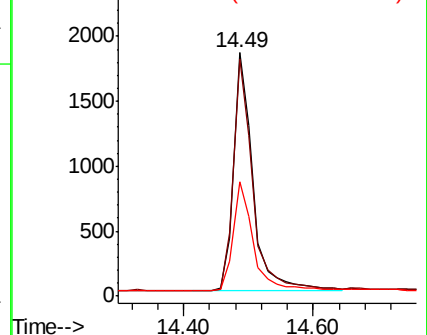
160 46.8 37.4 56.2

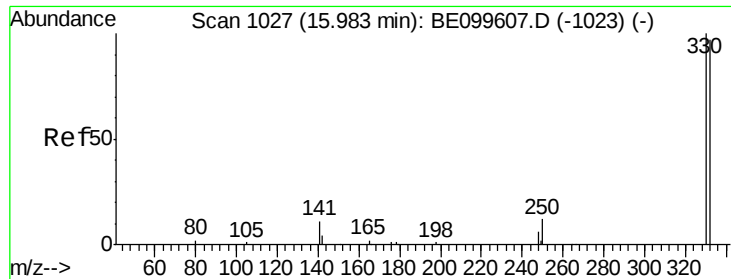


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

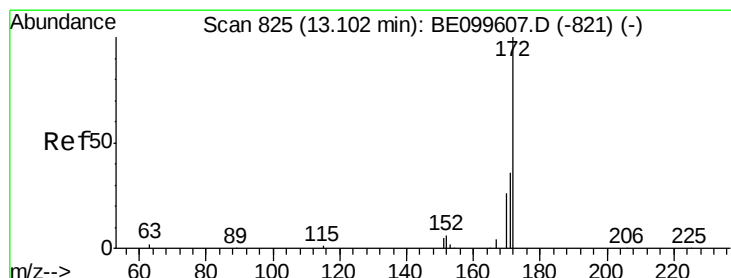
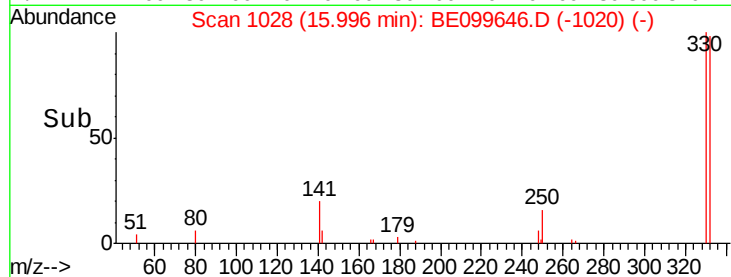
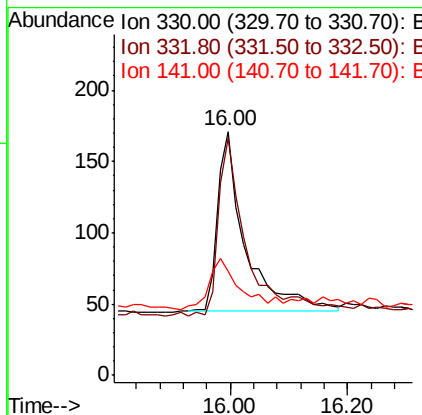
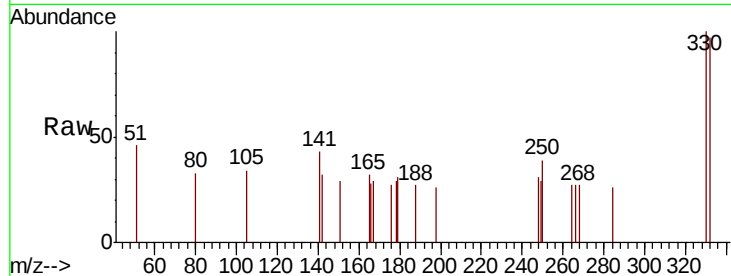




#14
 2,4,6-Tribromophenol
 Concen: 0.164 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099646.D
 Acq: 17 May 2019 11:24

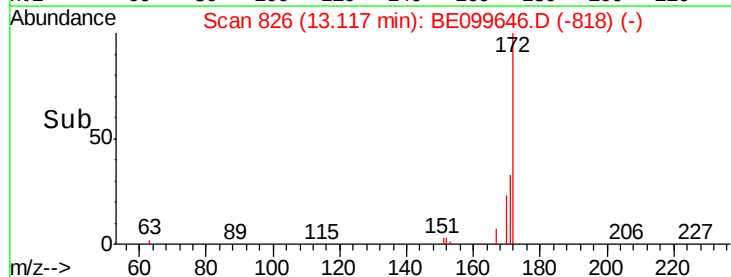
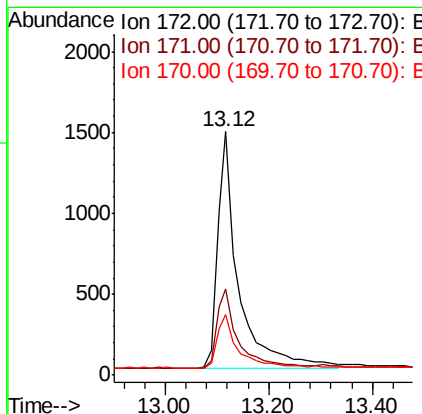
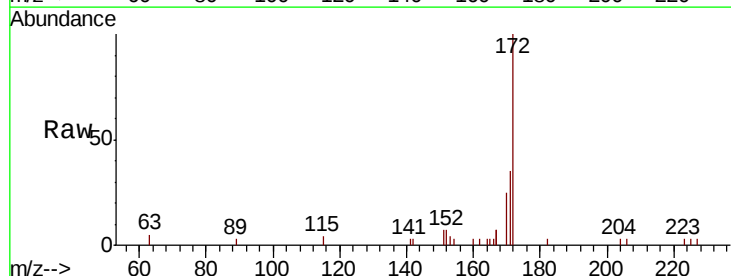
Instrument :
 BNA_E
 ClientSampleId :

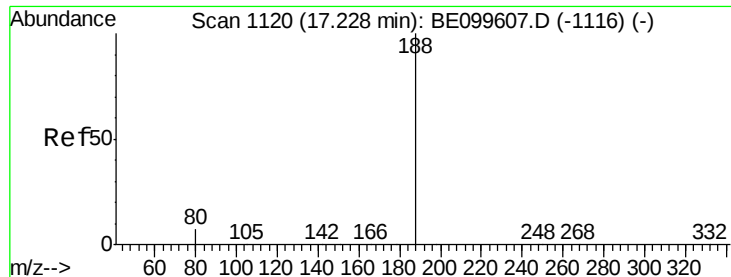
Tot Ion:330 Resp: 422
 Ion Ratio Lower Upper
 330 100
 332 105.5 73.8 110.8
 141 33.4 21.0 31.6#



#15
 2-Fluorobiphenyl
 Concen: 0.283 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.02 min
 Lab File: BE099646.D
 Acq: 17 May 2019 11:24

Tgt Ion:172 Resp: 4103
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.2
 170 25.0 21.5 32.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

Instrument :

BNA_E

ClientSampled :

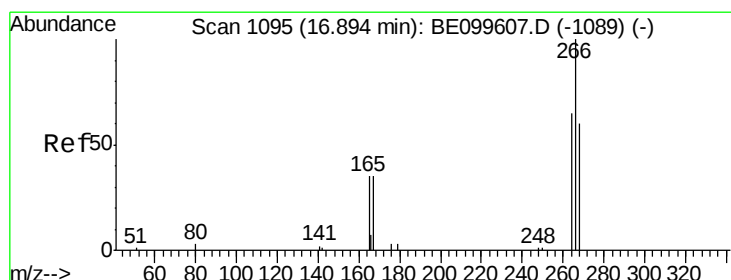
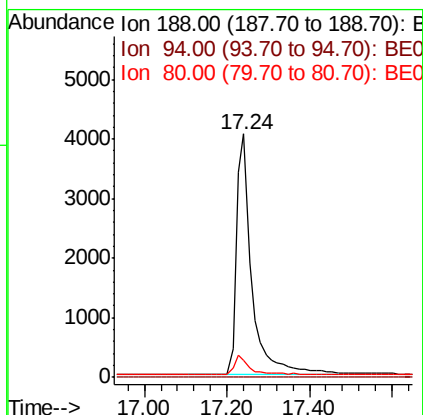
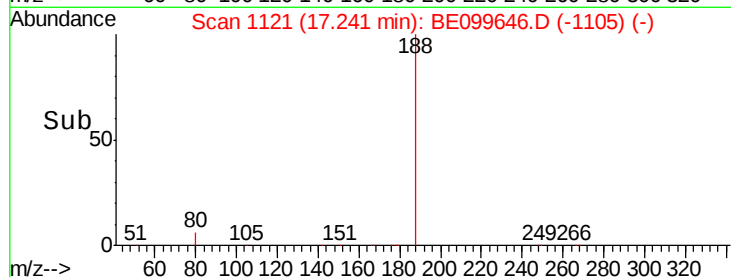
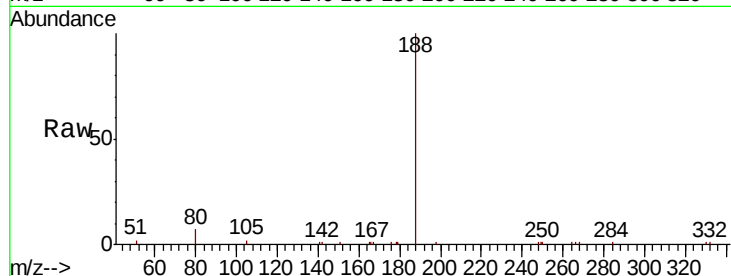
Tot Ion:188 Resp: 10391

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.8 6.4 9.6



#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

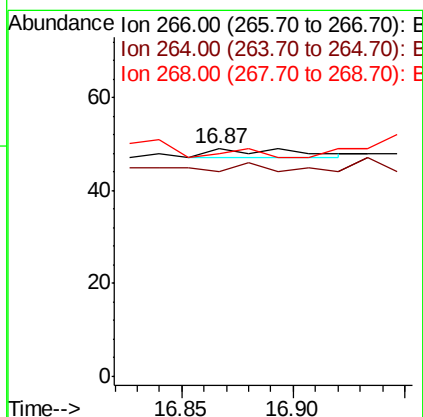
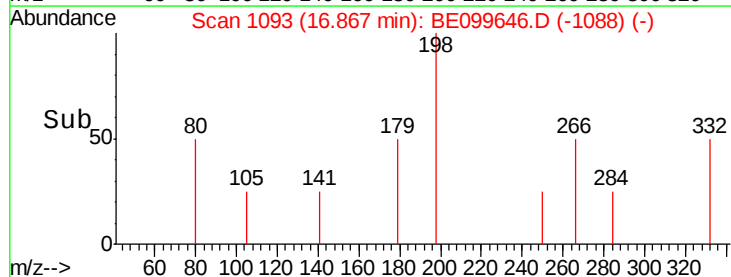
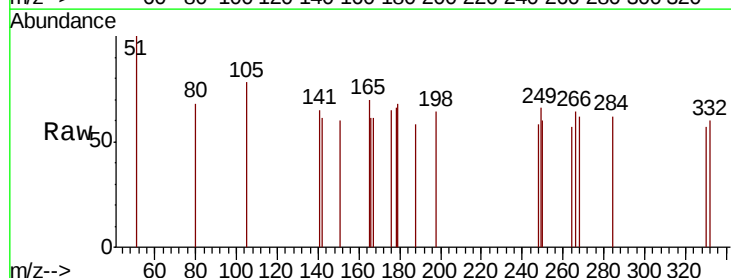
Tgt Ion:266 Resp: 6

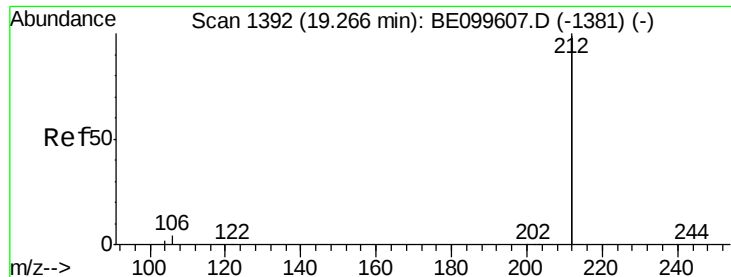
Ion Ratio Lower Upper

266 100

264 89.8 57.7 86.5#

268 98.0 55.8 83.8#





#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

Instrument :

BNA_E

ClientSampleId :

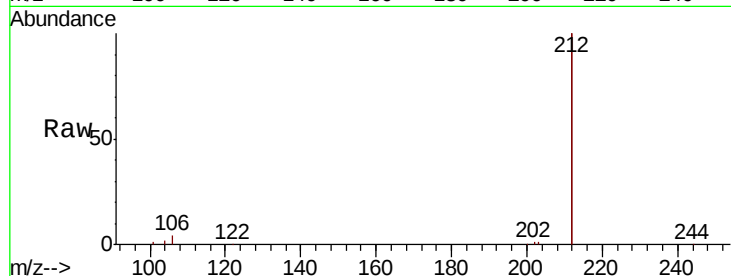
Tot Ion:212 Resp: 39961

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

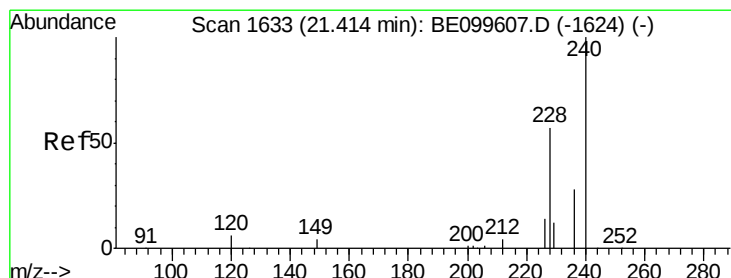
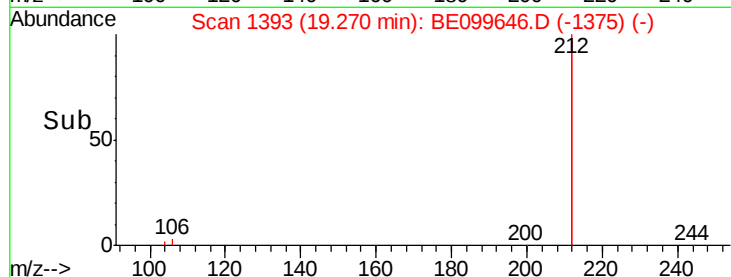
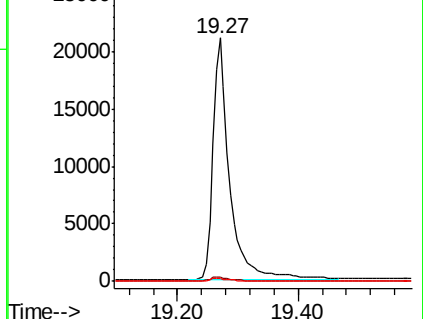
104 1.0 0.9 1.3



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: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

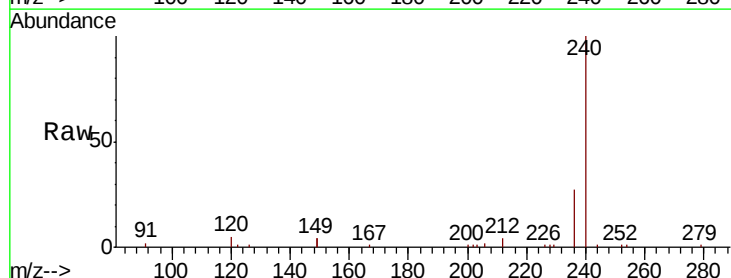
Tgt Ion:240 Resp: 15575

Ion Ratio Lower Upper

240 100

120 4.5 5.7 8.5#

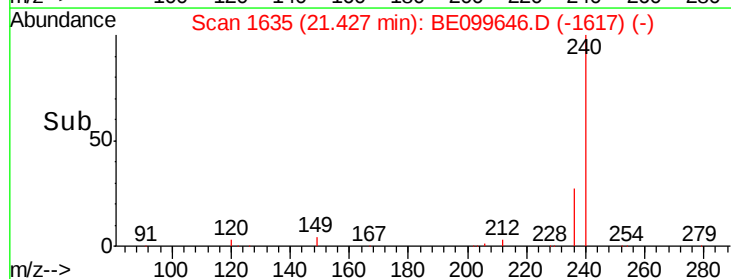
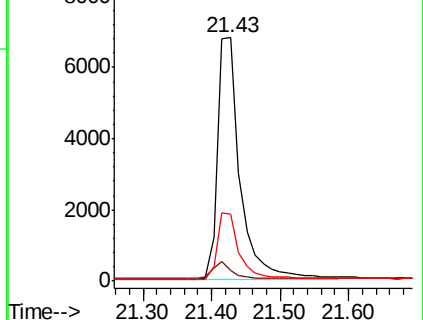
236 27.3 22.8 34.2

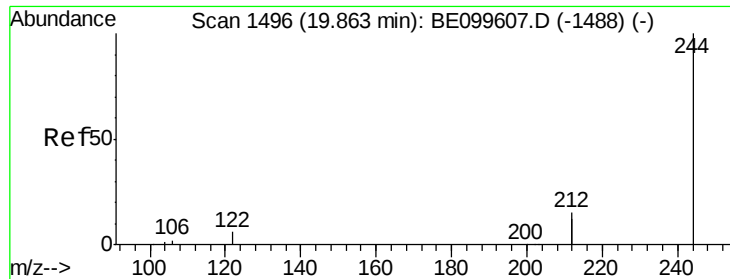


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.297 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

Instrument :

BNA_E

ClientSampleId :

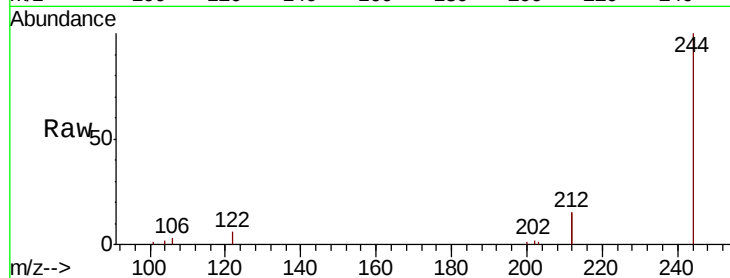
Tot Ion:244 Resp: 8328

Ion Ratio Lower Upper

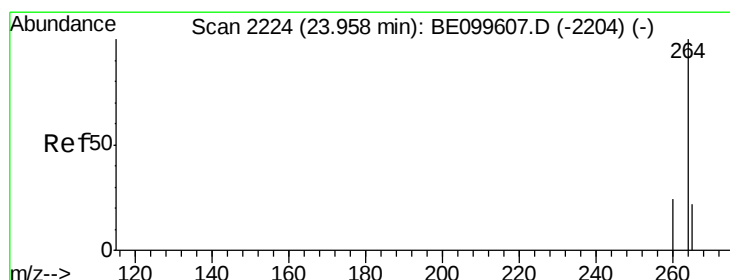
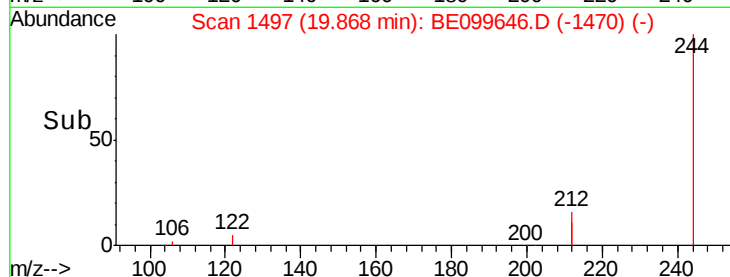
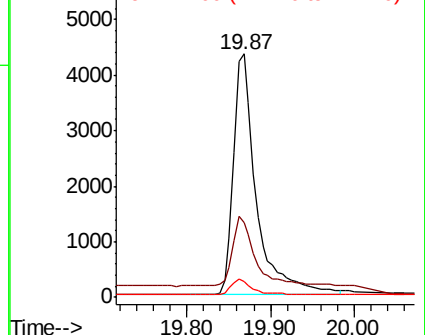
244 100

212 30.9 23.8 35.6

122 6.4 5.0 7.6



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099646.D

Acq: 17 May 2019 11:24

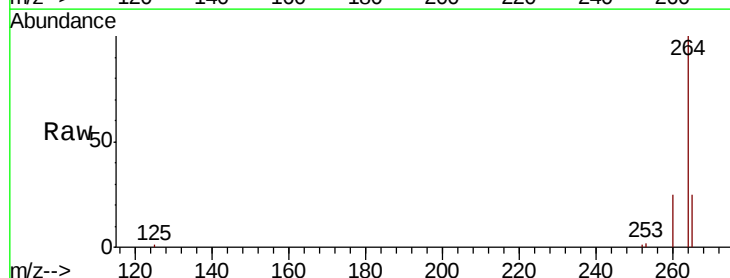
Tgt Ion:264 Resp: 20707

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 24.8 21.2 31.8



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

