

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041219\
 Data File : BE099315.D
 Acq On : 12 Apr 2019 17:53
 Operator : JU/SJ
 Sample : K2366-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-PZ124-20190409

Quant Time: Apr 12 20:30:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

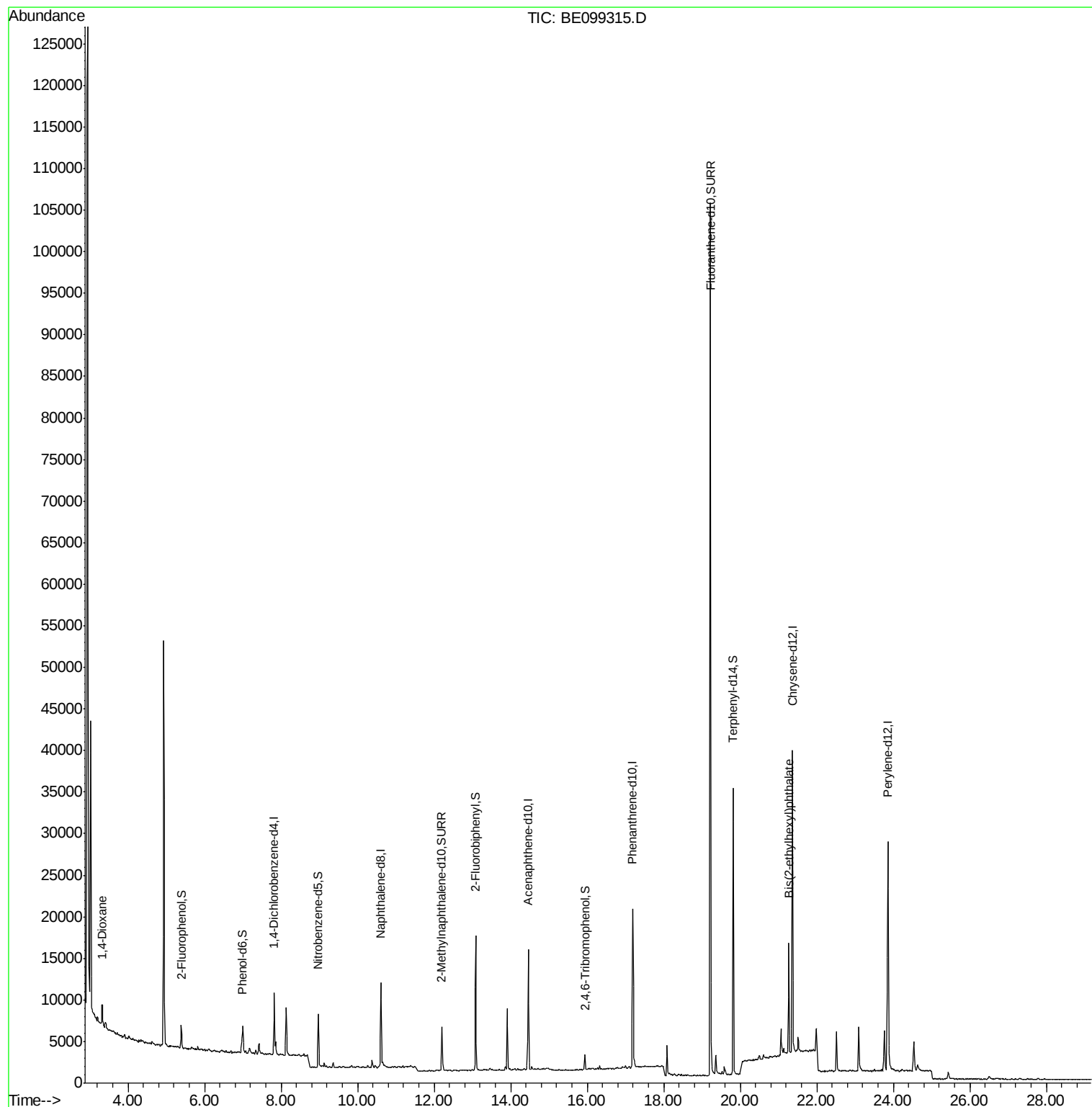
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3605	0.40	ng	-0.02
7) Naphthalene-d8	10.60	136	12764	0.40	ng	-0.03
13) Acenaphthene-d10	14.46	164	8483	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	26140	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	39329	0.40	ng	-0.03
34) Perylene-d12	23.85	264	39622	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1501	0.16	ng	-0.02
5) Phenol-d6	6.98	99	1256	0.10	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3218	0.37	ng	-0.03
11) 2-Methylnaphthalene-d10	12.19	152	7935	0.36	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	1266	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	15307	0.46	ng	-0.02
25) Fluoranthene-d10	19.22	212	141002	0.41	ng	-0.02
29) Terphenyl-d14	19.81	244	30115	0.42	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	2414	0.491	ng	Qvalue # 56
32) Bis(2-ethylhexyl)phthalate	21.27	149	15879	0.101	ng	98

(#) = 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. -0.02 min

Lab File: BE099315.D

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ClientSampleId :

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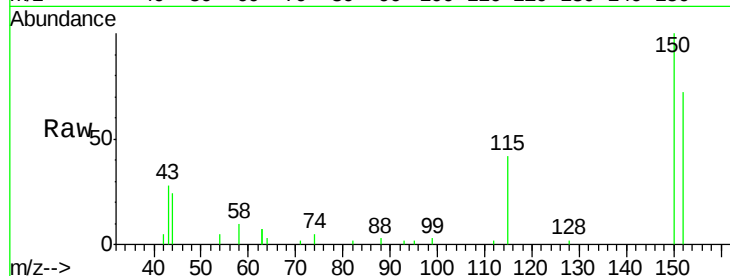
Tgt Ion:152 Resp: 3605

Ion Ratio Lower Upper

152 100

150 139.5 112.8 169.2

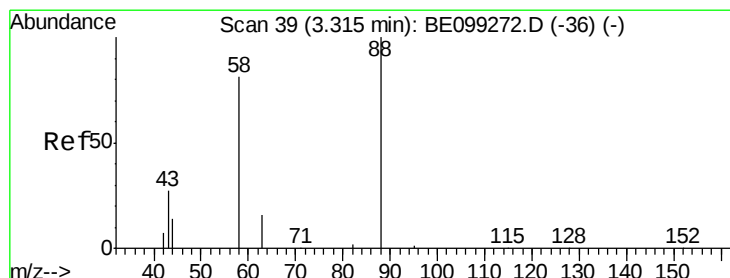
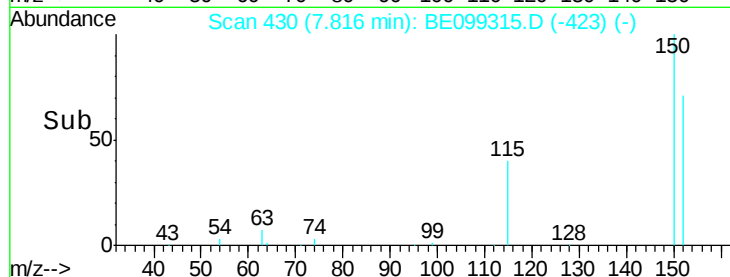
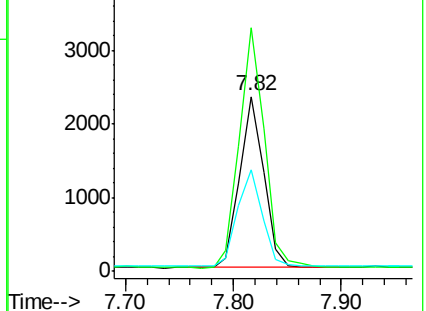
115 58.4 45.1 67.7



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: 0.491 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

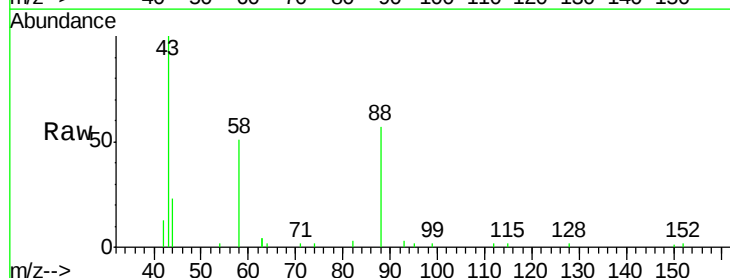
Tgt Ion: 88 Resp: 2414

Ion Ratio Lower Upper

88 100

58 66.0 47.4 71.0

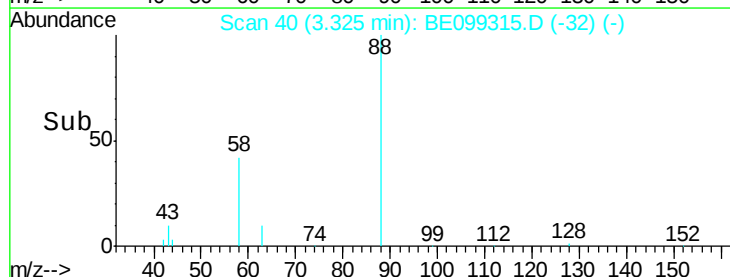
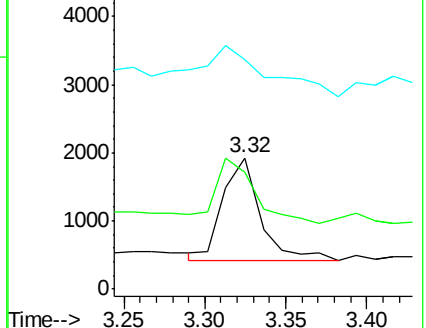
43 88.2 15.6 23.4#

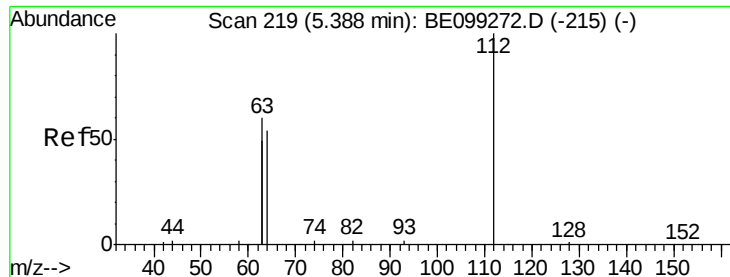


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099315.D

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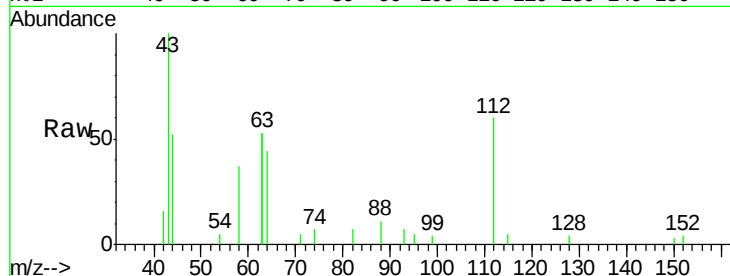
Tgt Ion: 112 Resp: 1501

Ion Ratio Lower Upper

112 100

64 54.3 46.2 69.2

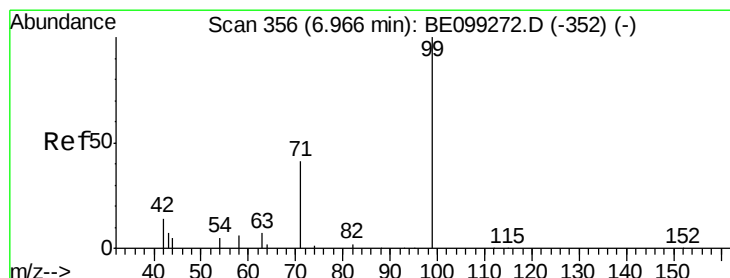
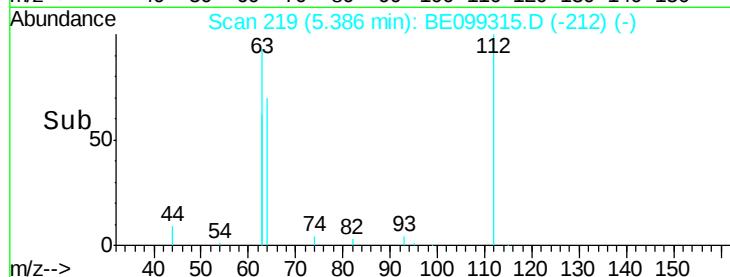
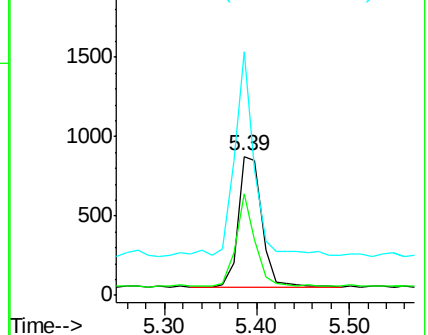
63 124.9 89.9 134.9



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: 0.095 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

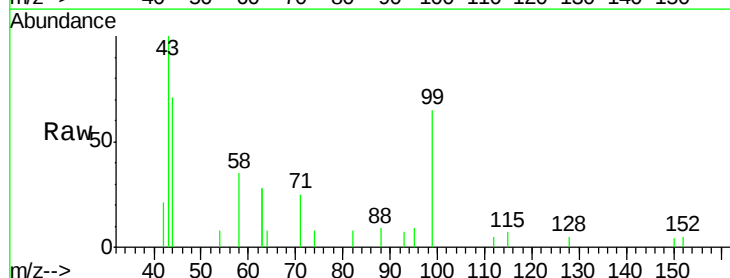
Tgt Ion: 99 Resp: 1256

Ion Ratio Lower Upper

99 100

42 35.2 12.4 18.6#

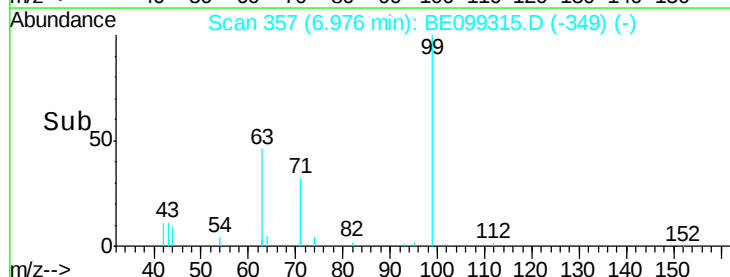
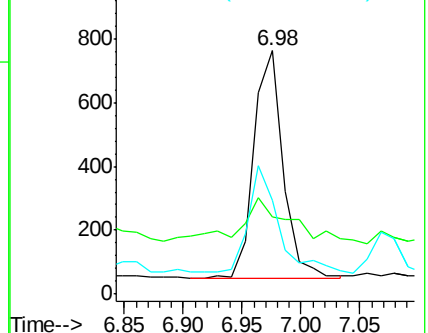
71 48.9 28.4 42.6#

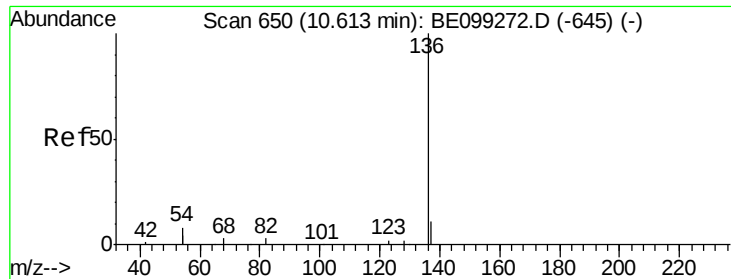


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.03 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

Instrument :

BNA_E

ClientSampleId :

SA-PZ124-20190409

Tgt Ion:136 Resp: 12764

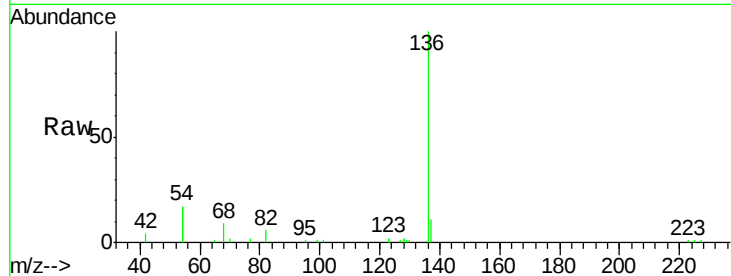
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 33.9 18.7 28.1#

68 9.0 5.2 7.8#

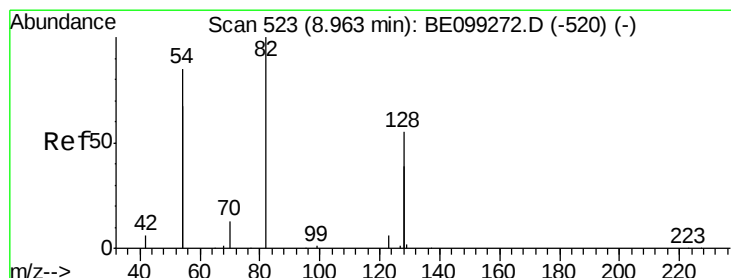
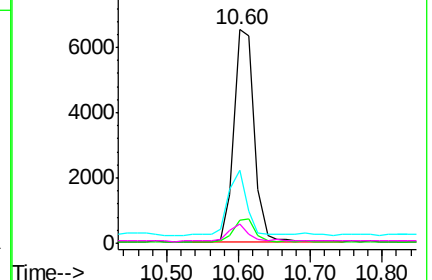
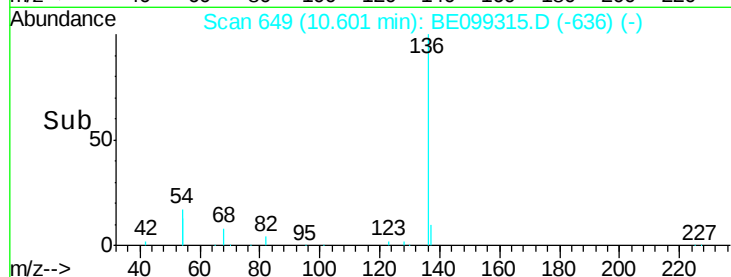


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.367 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

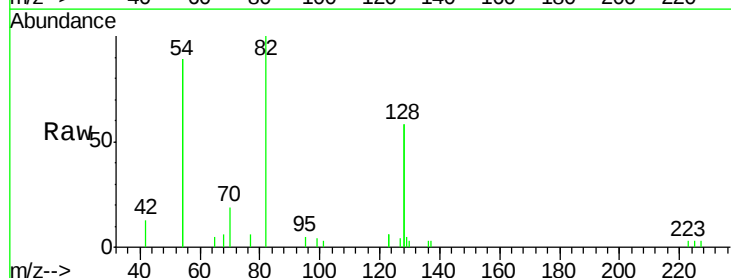
Tgt Ion: 82 Resp: 3218

Ion Ratio Lower Upper

82 100

128 115.5 107.5 161.3

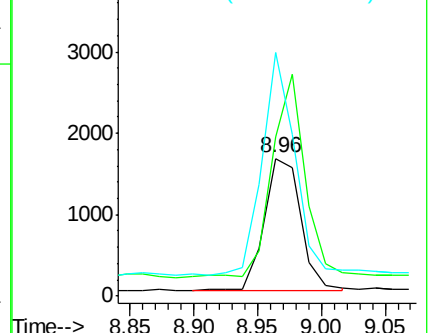
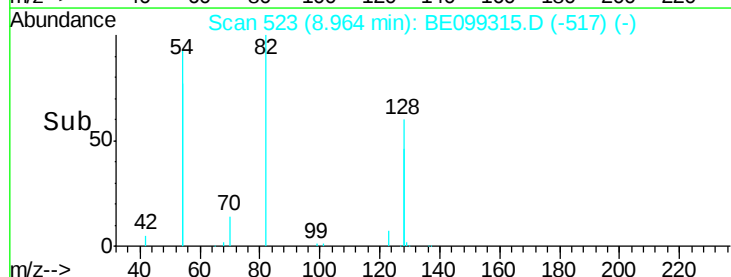
54 177.0 106.3 159.5#

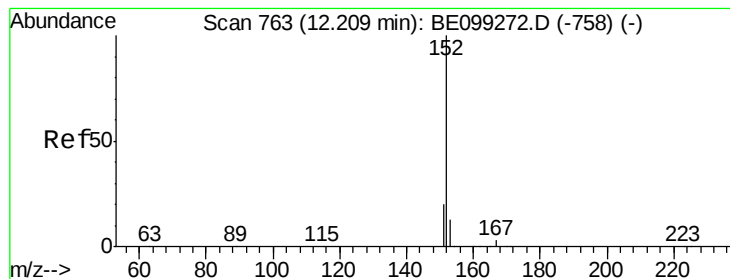


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.03 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

Instrument :

BNA_E

ClientSampleId :

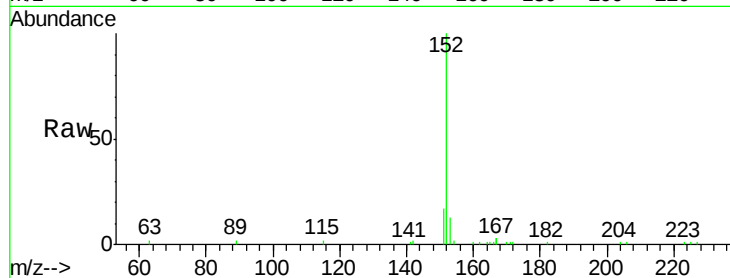
SA-PZ124-20190409

Tgt Ion:152 Resp: 7935

Ion Ratio Lower Upper

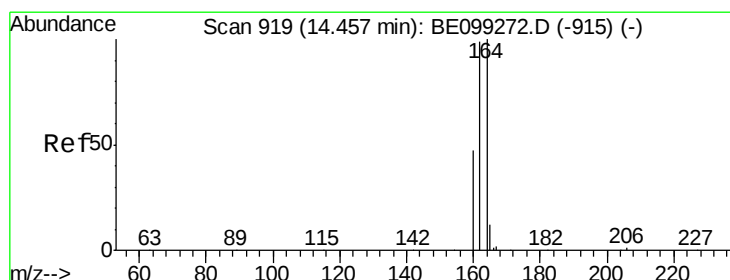
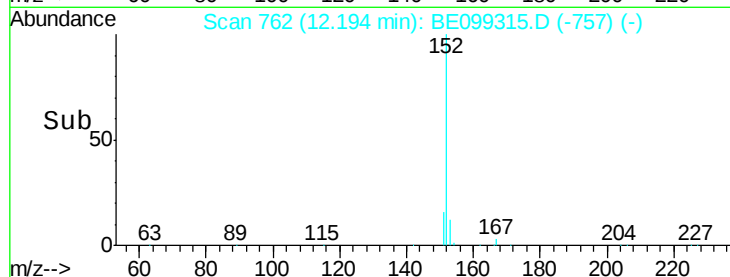
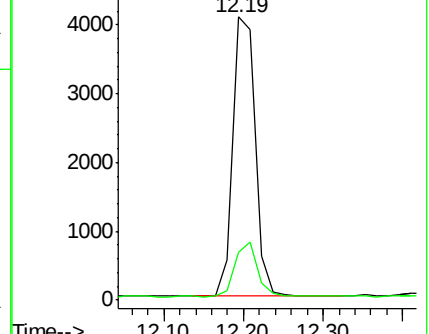
152 100

151 19.8 15.0 22.6



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. -0.03 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

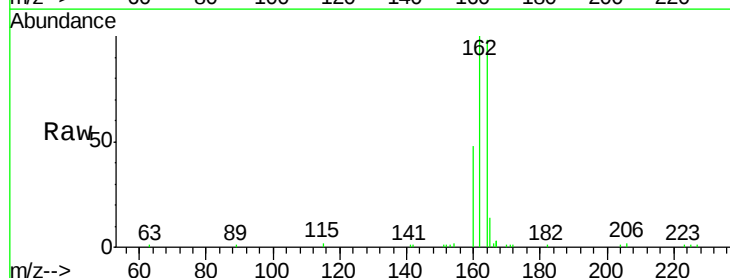
Tgt Ion:164 Resp: 8483

Ion Ratio Lower Upper

164 100

162 102.2 79.2 118.8

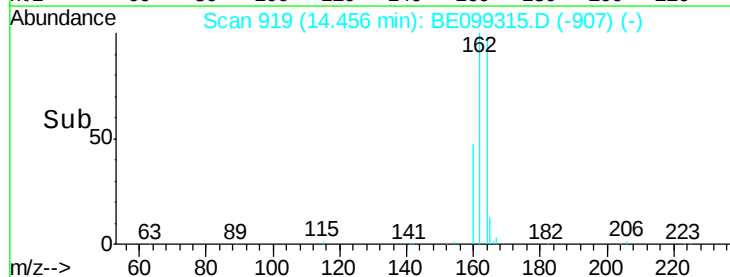
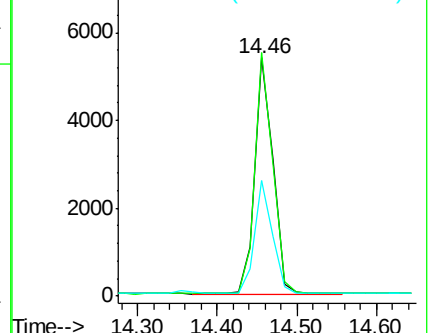
160 48.6 36.7 55.1

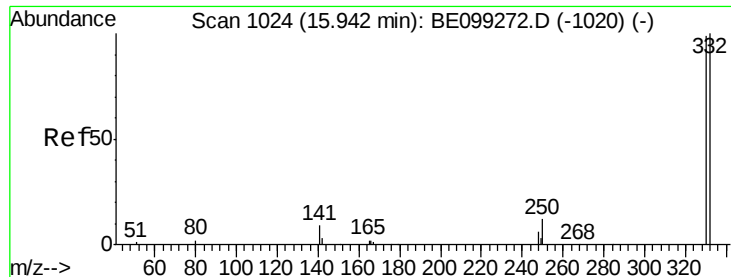


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

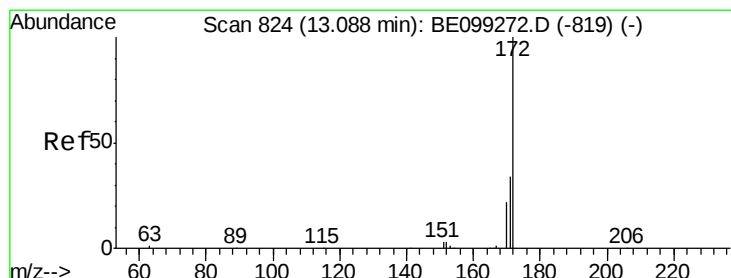
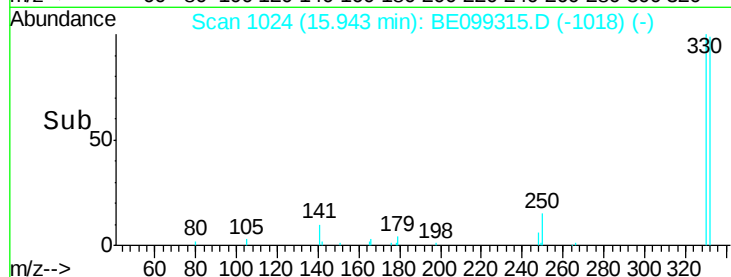
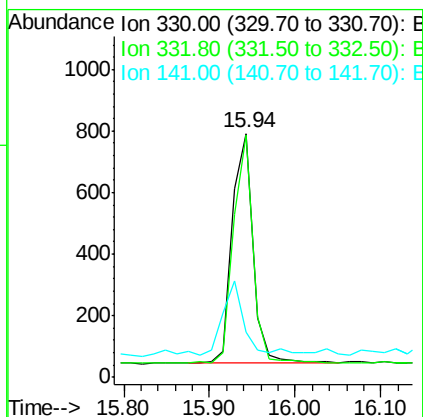
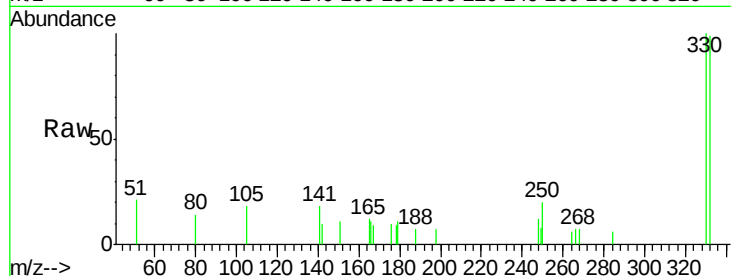




#14
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099315.D
 Acq: 12 Apr 2019 17:53

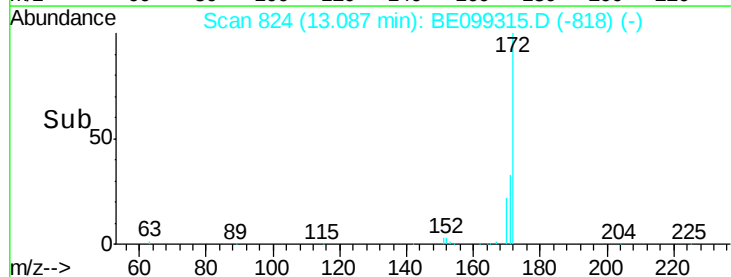
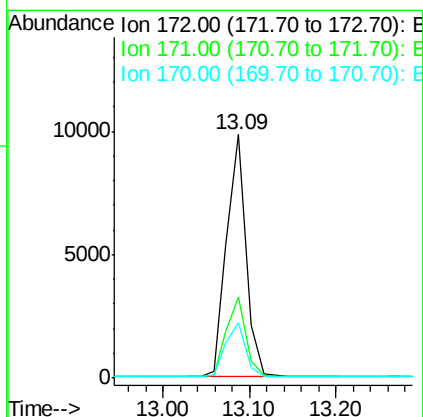
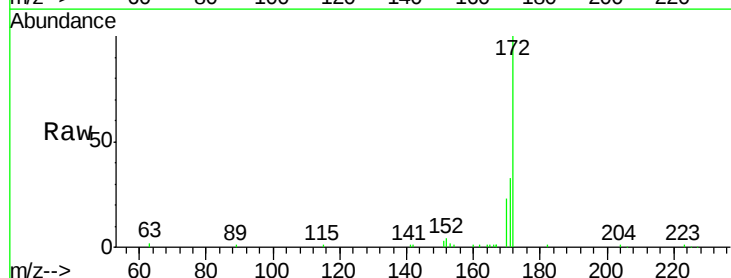
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 SA-PZ124-20190409

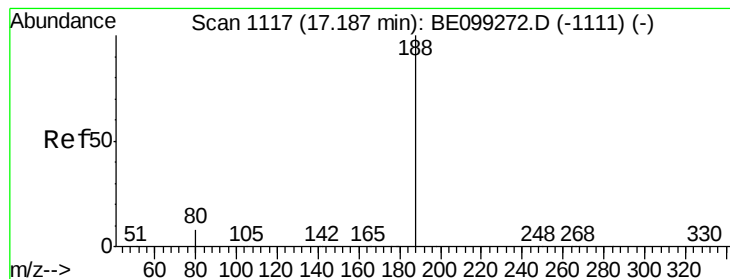
Tgt Ion:330 Resp: 1266
 Ion Ratio Lower Upper
 330 100
 332 92.9 71.3 106.9
 141 30.8 21.7 32.5



#15
 2-Fluorobiphenyl
 Concen: 0.459 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BE099315.D
 Acq: 12 Apr 2019 17:53

Tgt Ion:172 Resp: 15307
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.4 41.0
 170 22.8 19.1 28.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

Instrument :

BNA_E

ClientSampleId :

SA-PZ124-20190409

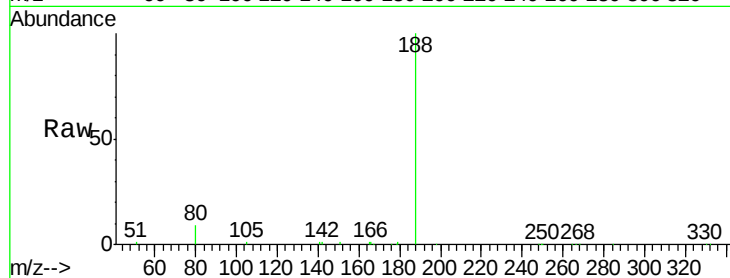
Tgt Ion:188 Resp: 26140

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

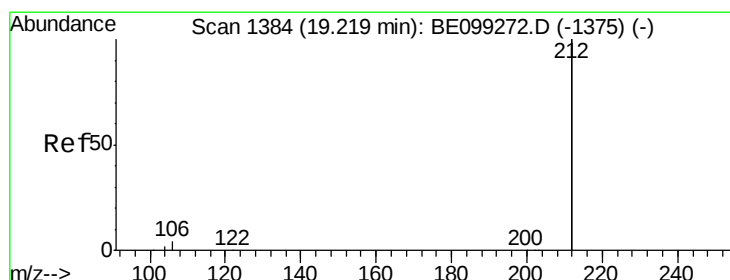
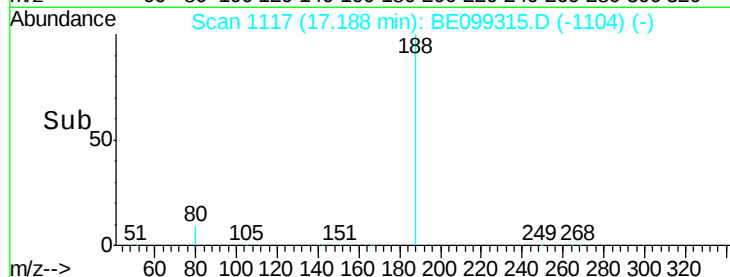
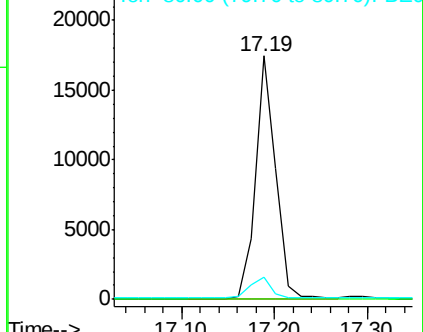
80 9.2 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

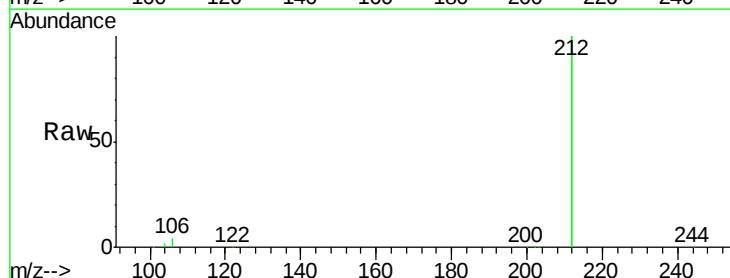
Tgt Ion:212 Resp: 141002

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

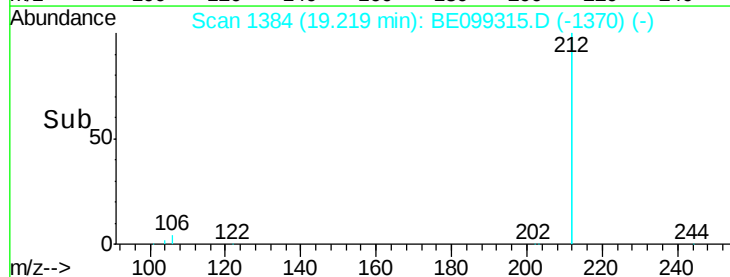
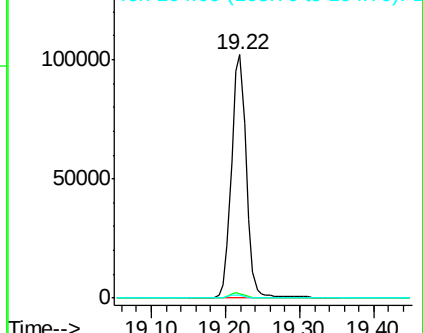
104 1.2 1.1 1.7

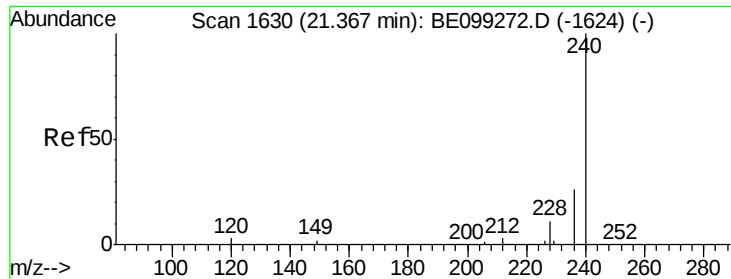


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

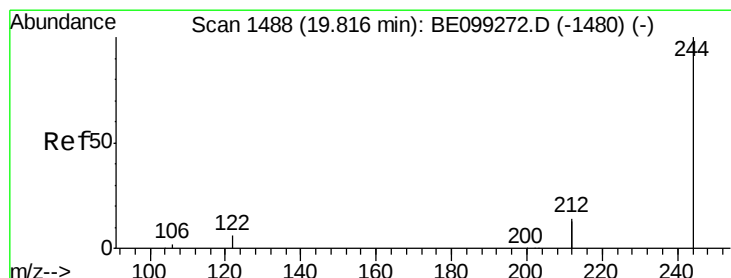
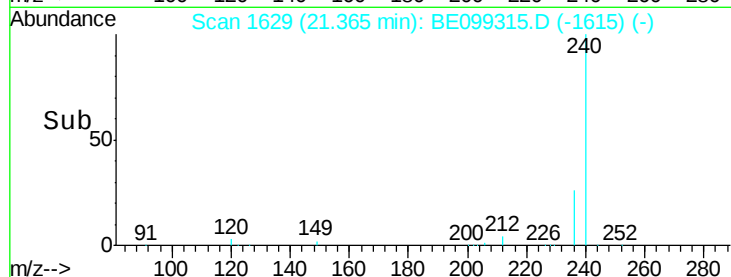
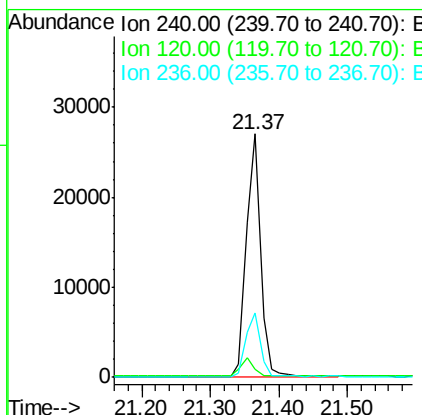
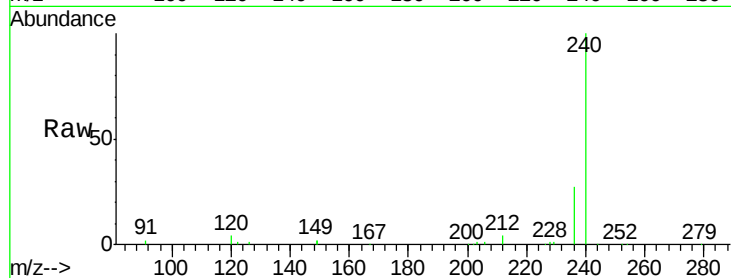




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1629
 Delta R.T. -0.03 min
 Lab File: BE099315.D
 Acq: 12 Apr 2019 17:53

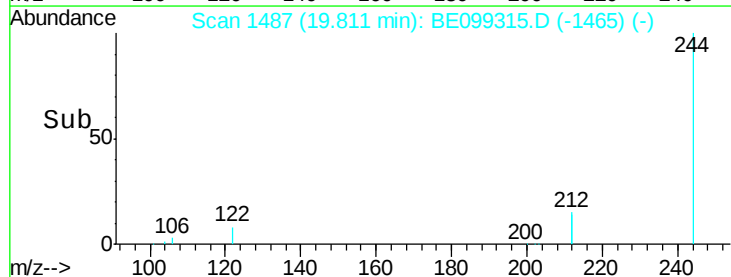
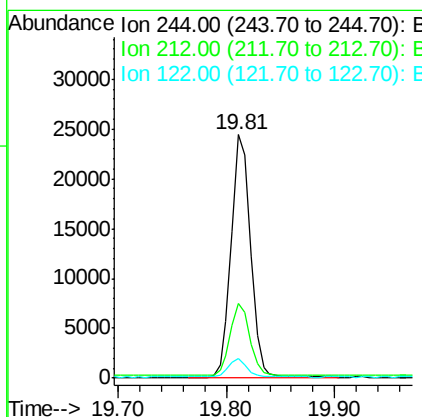
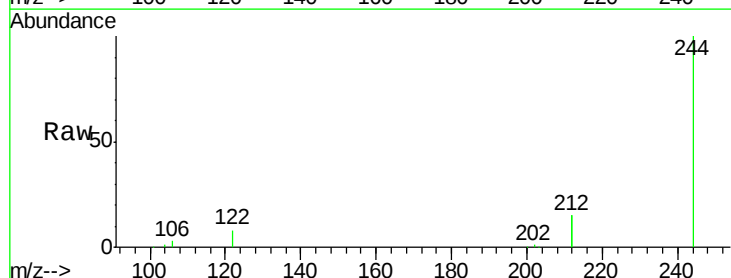
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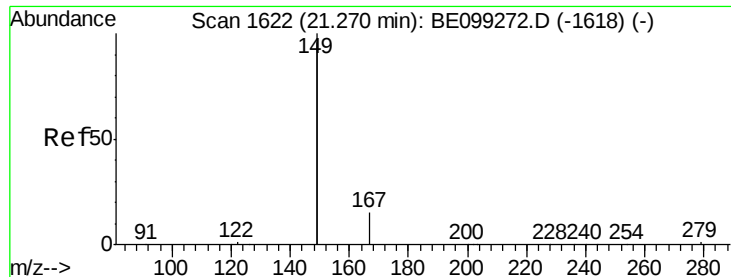
Tgt Ion:240 Resp: 39329
 Ion Ratio Lower Upper
 240 100
 120 3.6 2.6 3.8
 236 26.7 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 19.81 min Scan# 1487
 Delta R.T. -0.02 min
 Lab File: BE099315.D
 Acq: 12 Apr 2019 17:53

Tgt Ion:244 Resp: 30115
 Ion Ratio Lower Upper
 244 100
 212 30.8 22.7 34.1
 122 8.0 5.8 8.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

Instrument :

BNA_E

ClientSampleId :

SA-PZ124-20190409

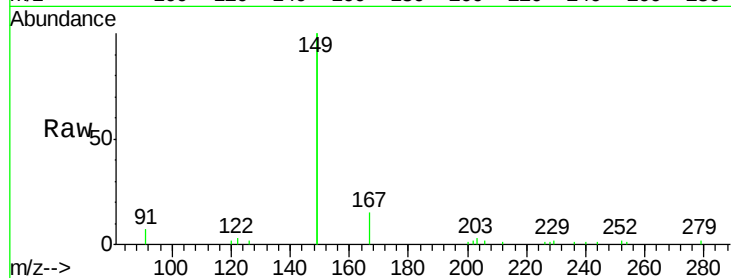
Tgt Ion:149 Resp: 15879

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

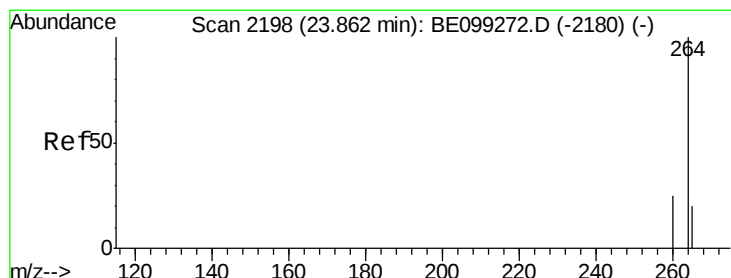
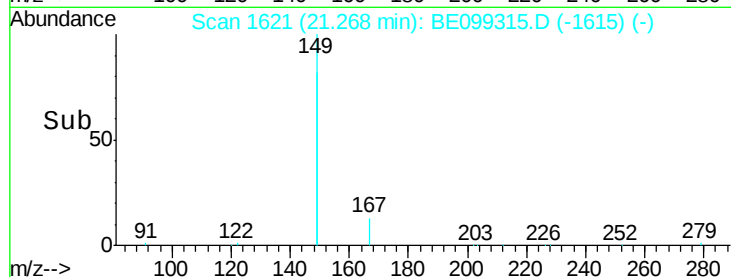
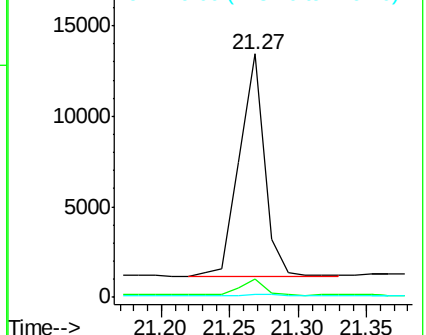
279 1.4 1.0 1.6



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: 23.85 min Scan# 2195

Delta R.T. -0.04 min

Lab File: BE099315.D

Acq: 12 Apr 2019 17:53

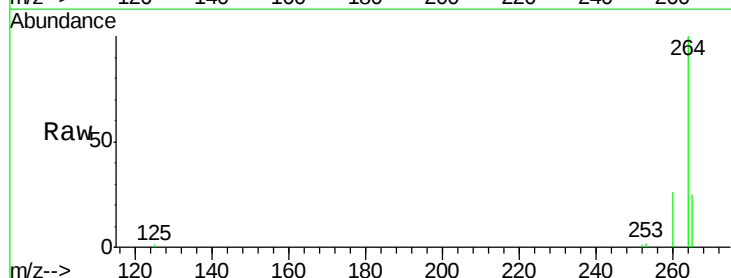
Tgt Ion:264 Resp: 39622

Ion Ratio Lower Upper

264 100

260 26.0 18.2 27.2

265 25.1 21.8 32.8



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

