

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041219\
 Data File : BE099317.D
 Acq On : 12 Apr 2019 19:08
 Operator : JU/SJ
 Sample : K2366-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SA-SW201-20190409

Quant Time: Apr 12 20:30:20 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

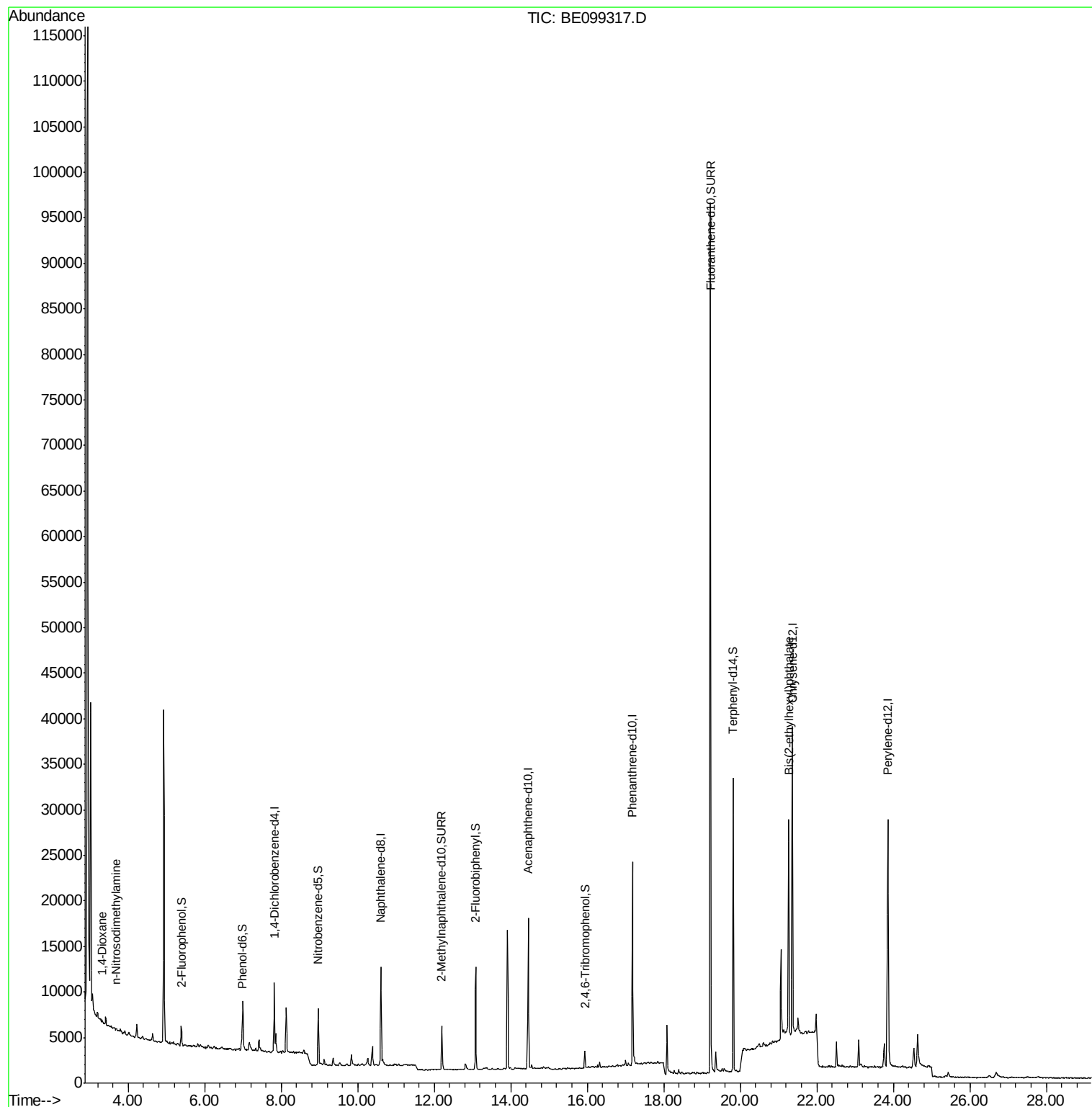
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3581	0.40	ng	-0.03
7) Naphthalene-d8	10.60	136	13339	0.40	ng	-0.03
13) Acenaphthene-d10	14.46	164	9233	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	29100	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	41239	0.40	ng	-0.02
34) Perylene-d12	23.85	264	40368	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1174	0.12	ng	-0.01
5) Phenol-d6	6.97	99	1052	0.08	ng	-0.01
8) Nitrobenzene-d5	8.97	82	3004	0.33	ng	-0.03
11) 2-Methylnaphthalene-d10	12.19	152	6824	0.29	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	1273	0.30	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	11433	0.32	ng	-0.01
25) Fluoranthene-d10	19.22	212	127961	0.33	ng	-0.02
29) Terphenyl-d14	19.81	244	28517	0.38	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	339	0.069	ng	Qvalue # 30
3) n-Nitrosodimethylamine	3.68	42	65	0.023	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.27	149	33413	0.202	ng	100

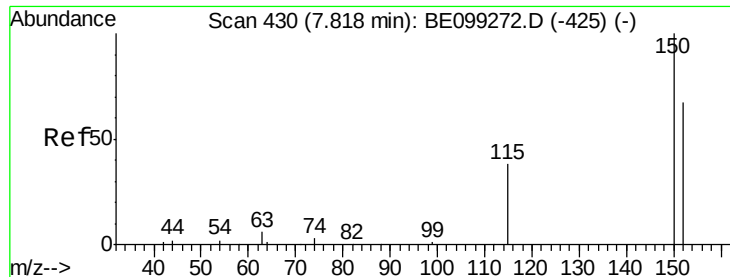
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.03 min

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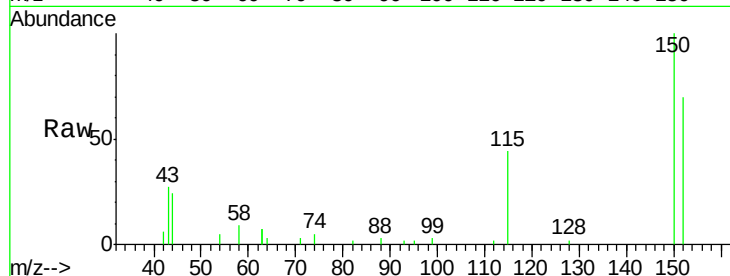
Tgt Ion:152 Resp: 3581

Ion Ratio Lower Upper

152 100

150 143.2 112.8 169.2

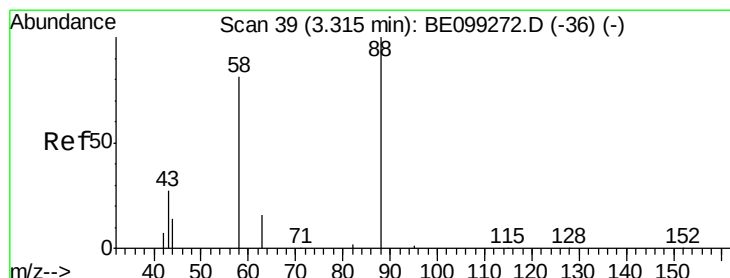
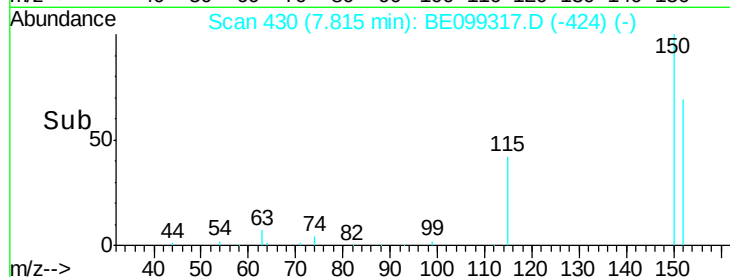
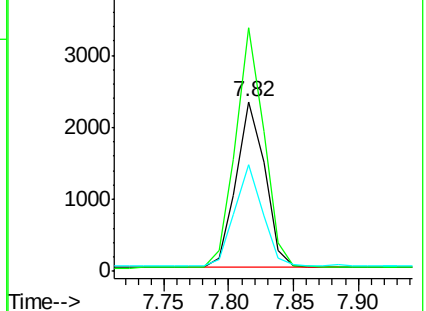
115 62.5 45.1 67.7



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: 0.069 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.03 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

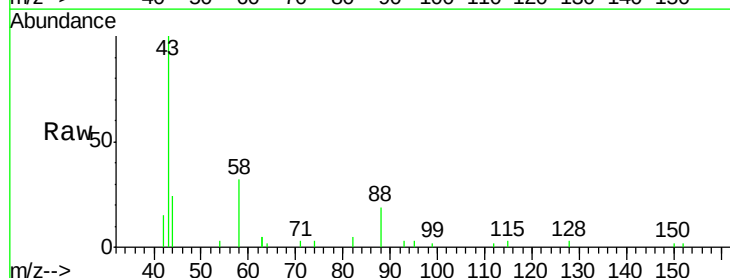
Tgt Ion: 88 Resp: 339

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

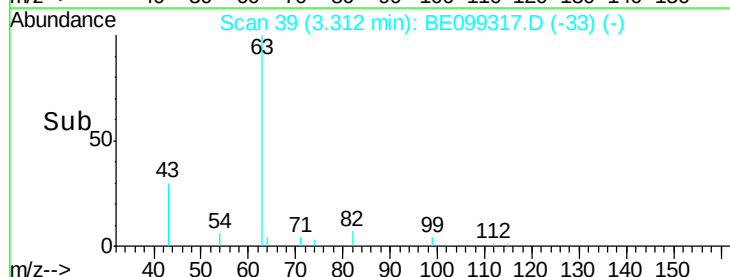
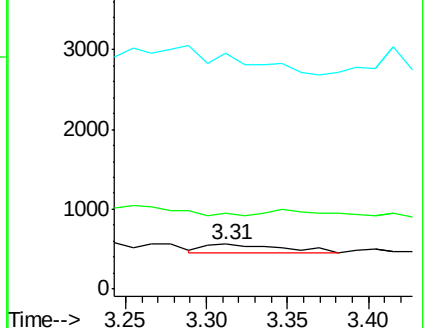
43 0.0 15.6 23.4#

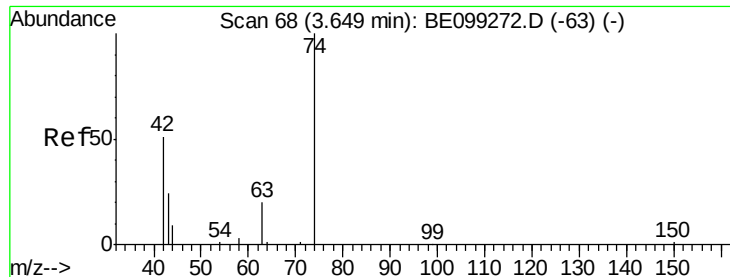


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

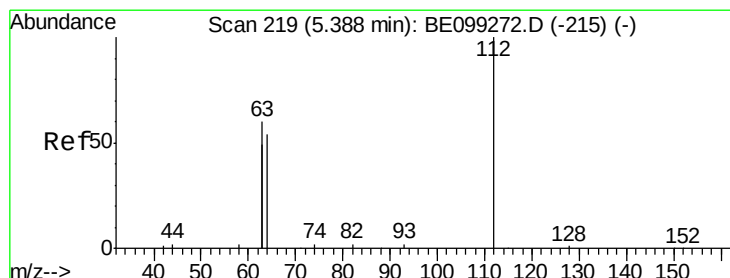
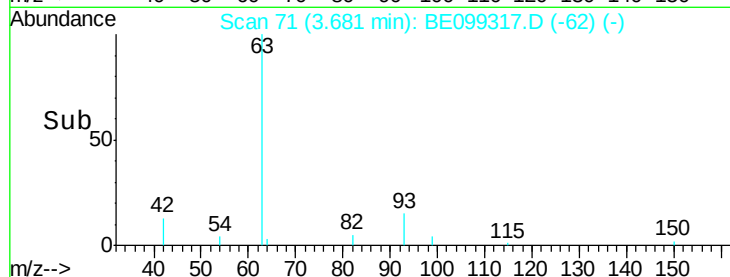
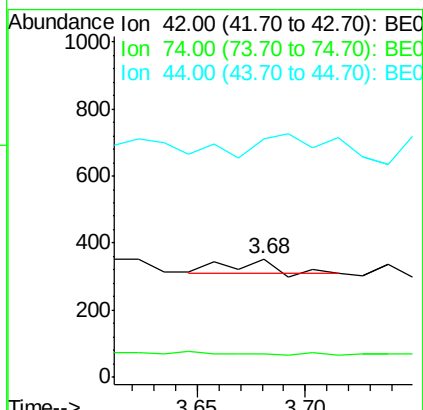
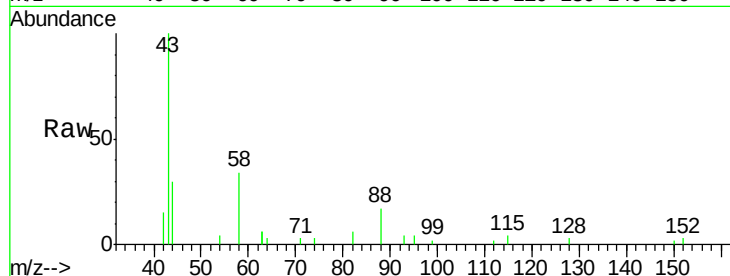
Instrument :

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SA-SW201-20190409

Tgt Ion:	42	Resp:	65
Ion	Ratio	Lower	Upper
42	100		
74	0.0	138.6	207.8#
44	176.9	15.0	22.6#



#4

2-Fluorophenol

Concen: 0.123 ng

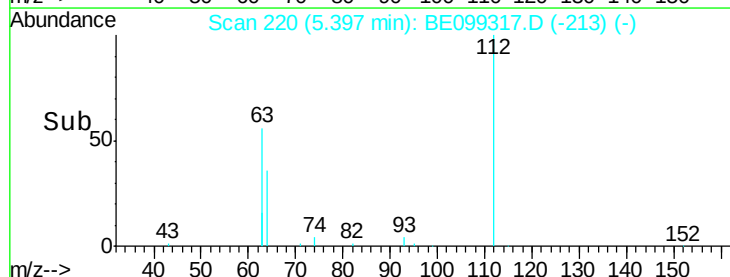
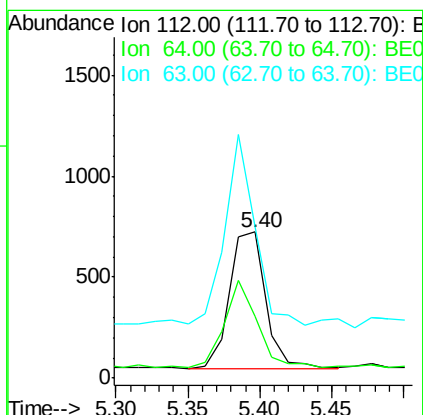
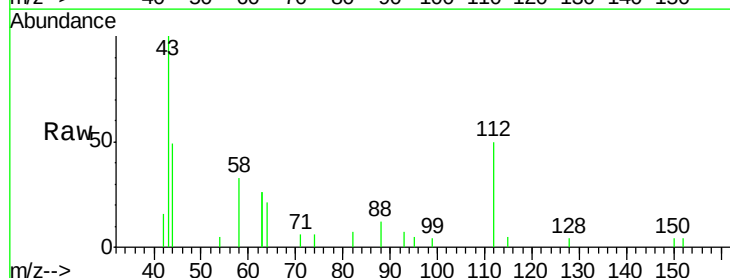
RT: 5.40 min Scan# 220

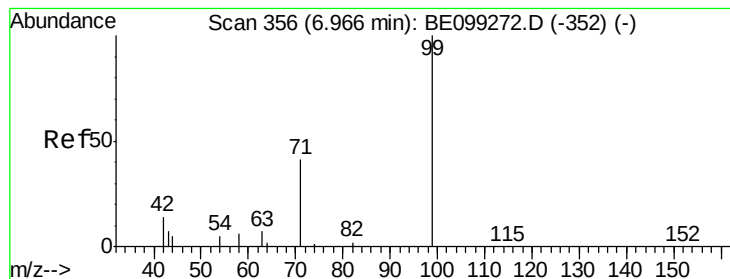
Delta R.T. -0.01 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

Tgt Ion:	112	Resp:	1174
Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.2	69.2
63	115.9	89.9	134.9





#5

Phenol-d6

Concen: 0.080 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

Instrument :

BNA_E

ClientSampleId :

SA-SW201-20190409

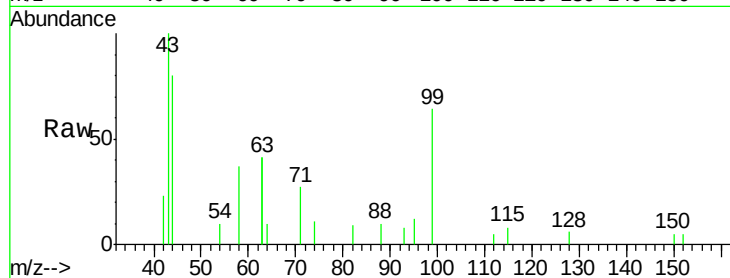
Tgt Ion: 99 Resp: 1052

Ion Ratio Lower Upper

99 100

42 34.7 12.4 18.6#

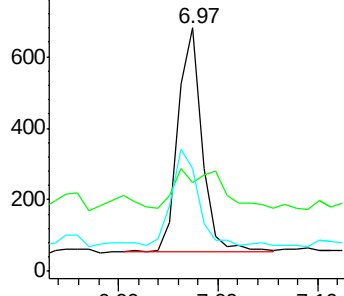
71 46.7 28.4 42.6#



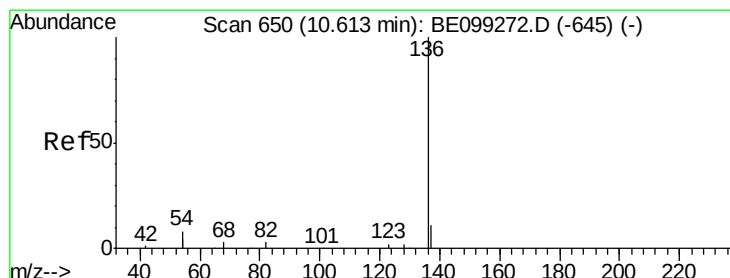
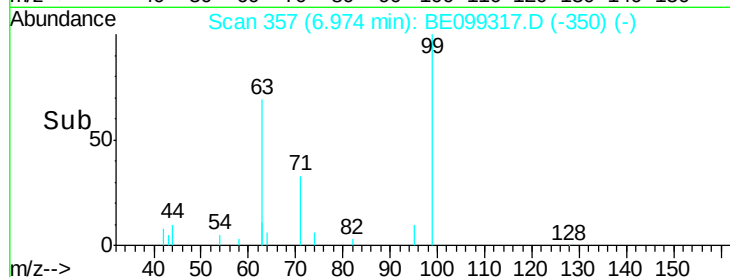
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.03 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

Tgt Ion: 136 Resp: 13339

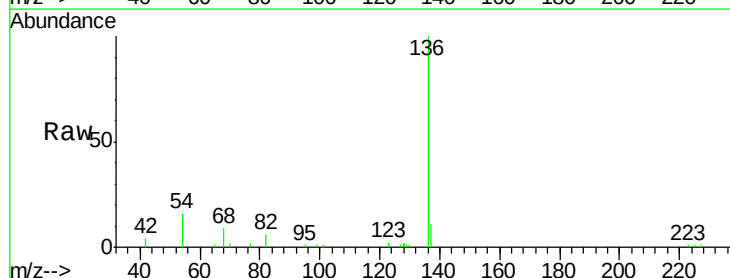
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 31.3 18.7 28.1#

68 8.9 5.2 7.8#

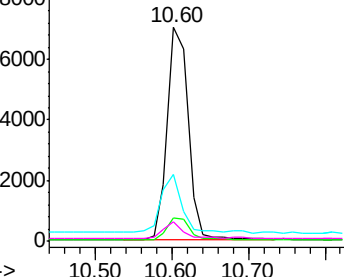


Abundance Ion 136.00 (135.70 to 136.70): E

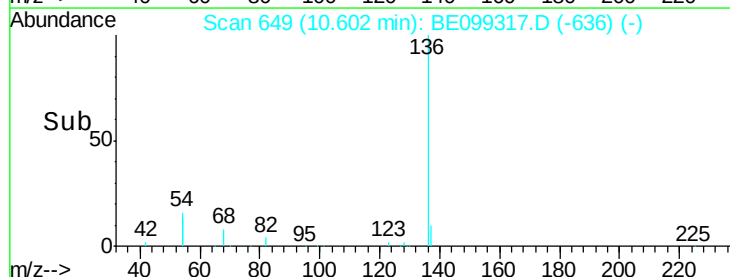
Ion 137.00 (136.70 to 137.70): E

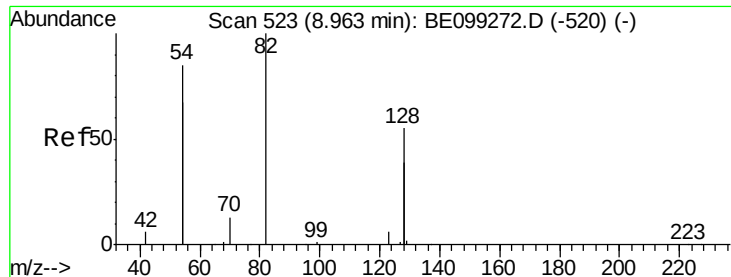
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

Instrument :

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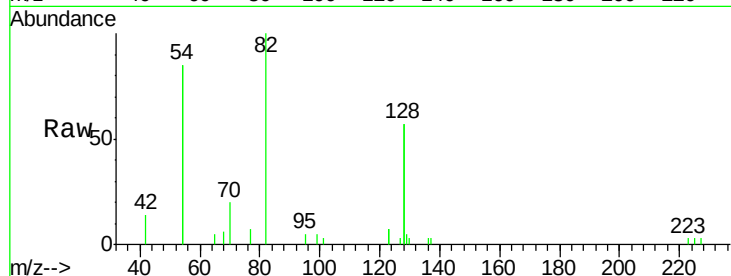
Tgt Ion: 82 Resp: 3004

Ion Ratio Lower Upper

82 100

128 113.4 107.5 161.3

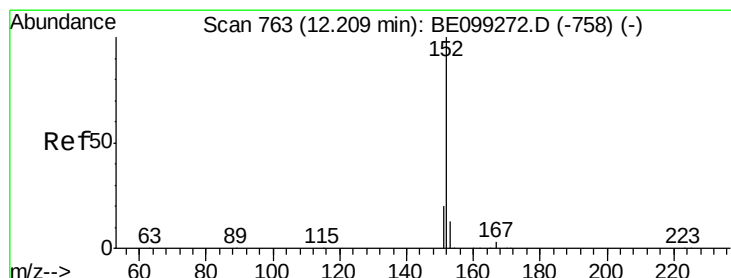
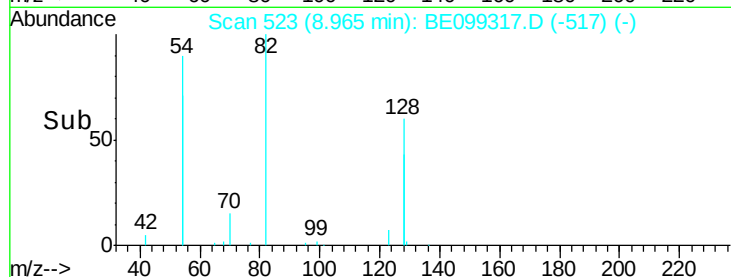
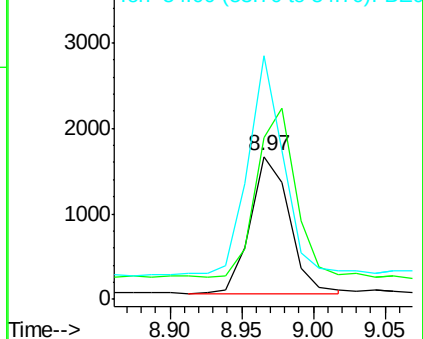
54 170.3 106.3 159.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.03 min

Lab File: BE099317.D

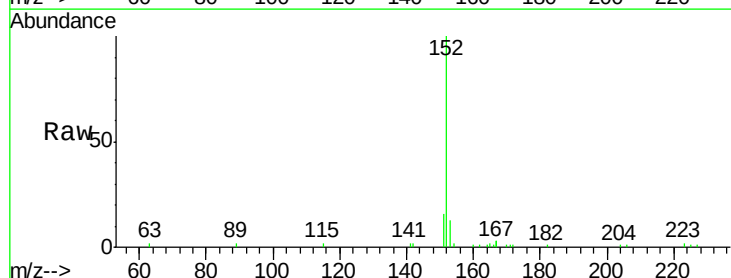
Acq: 12 Apr 2019 19:08

Tgt Ion: 152 Resp: 6824

Ion Ratio Lower Upper

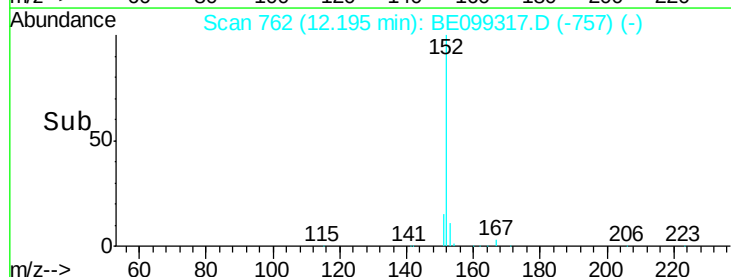
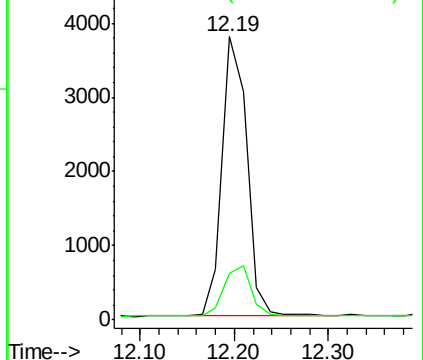
152 100

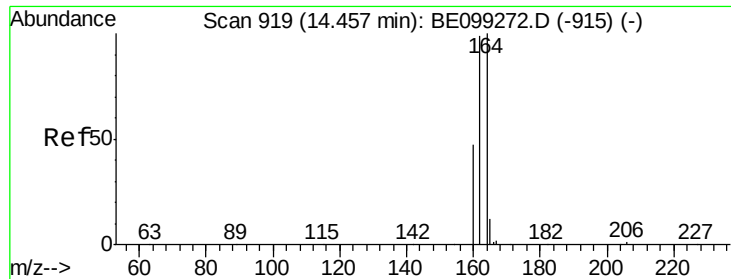
151 19.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

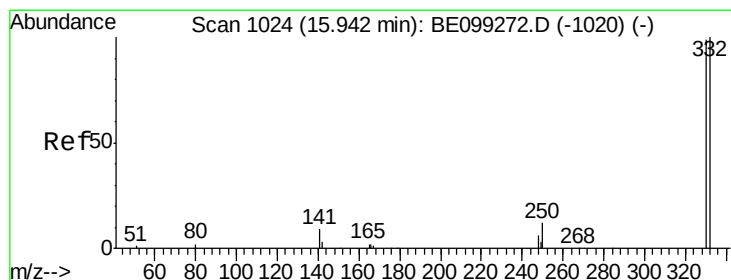
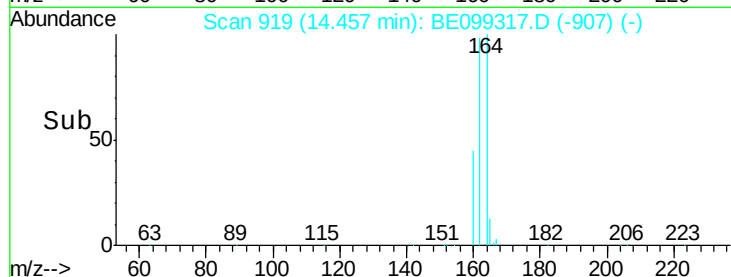
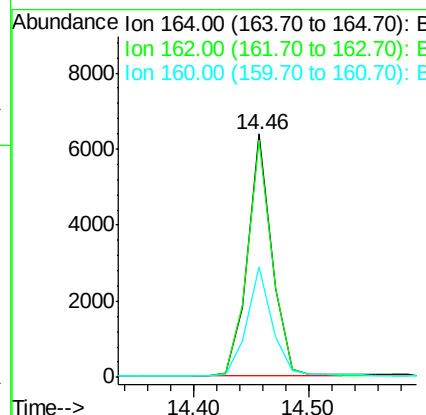
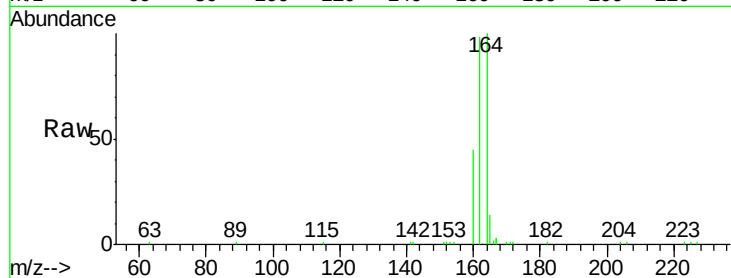




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BE099317.D
 Acq: 12 Apr 2019 19:08

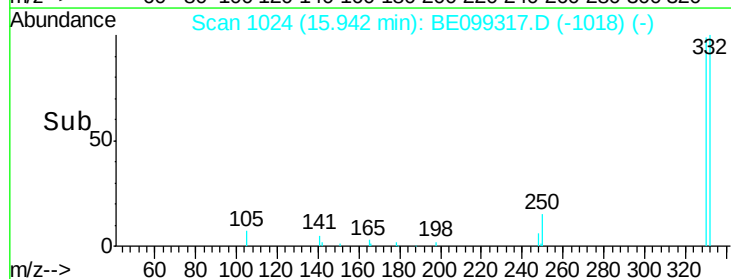
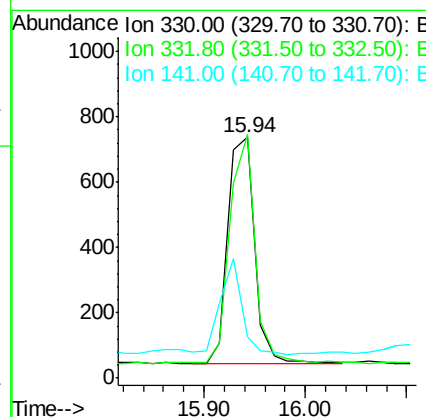
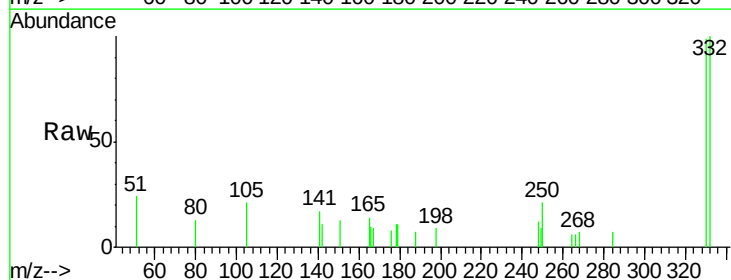
Instrument :
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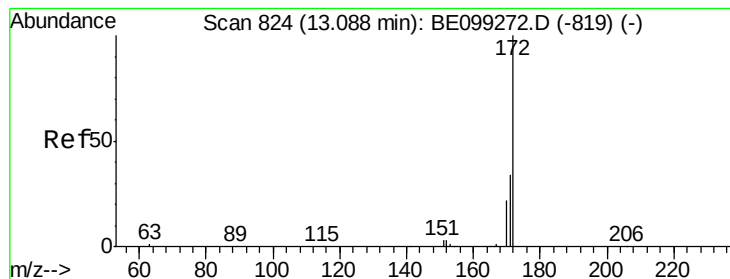
Tgt Ion:164 Resp: 9233
 Ion Ratio Lower Upper
 164 100
 162 97.6 79.2 118.8
 160 45.3 36.7 55.1



#14
 2,4,6-Tribromophenol
 Concen: 0.299 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099317.D
 Acq: 12 Apr 2019 19:08

Tgt Ion:330 Resp: 1273
 Ion Ratio Lower Upper
 330 100
 332 95.1 71.3 106.9
 141 33.5 21.7 32.5#

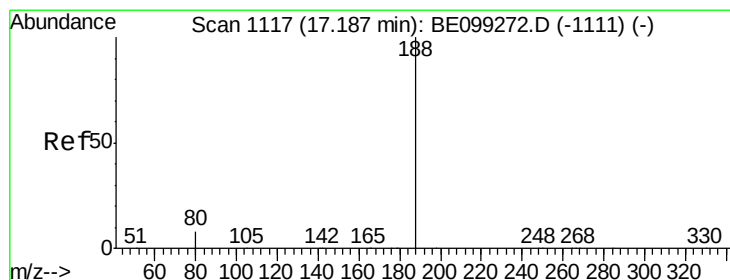
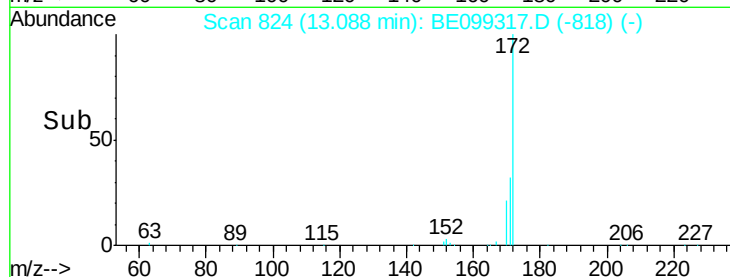
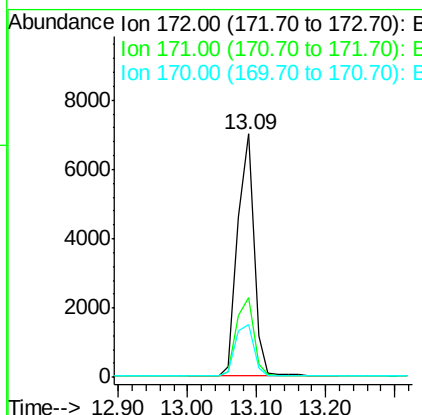
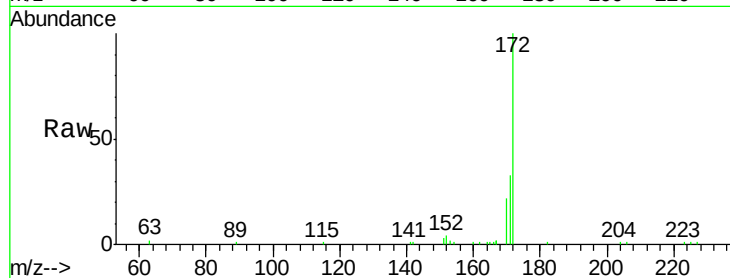




#15
 2-Fluorobiphenyl
 Concen: 0.315 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099317.D
 Acq: 12 Apr 2019 19:08

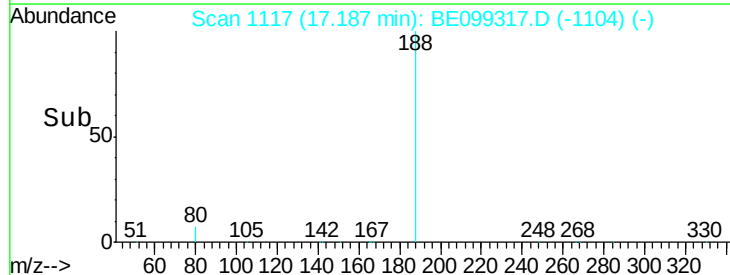
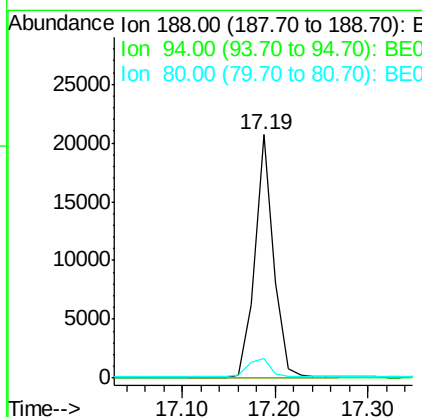
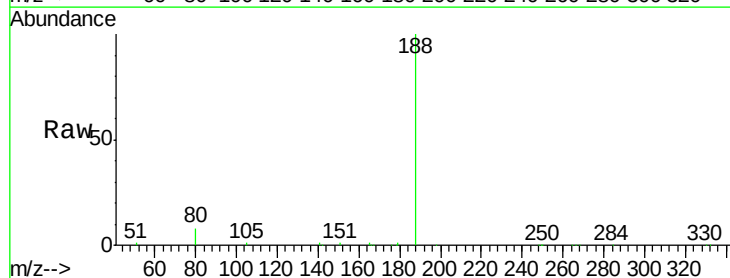
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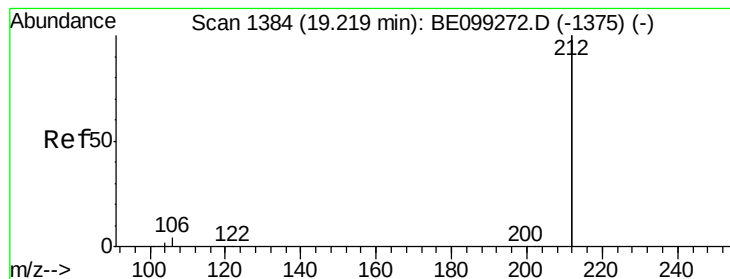
Tgt Ion:172 Resp: 11433
 Ion Ratio Lower Upper
 172 100
 171 32.6 27.4 41.0
 170 21.7 19.1 28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.03 min
 Lab File: BE099317.D
 Acq: 12 Apr 2019 19:08

Tgt Ion:188 Resp: 29100
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.9 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

Instrument :

BNA_E

ClientSampleId :

SA-SW201-20190409

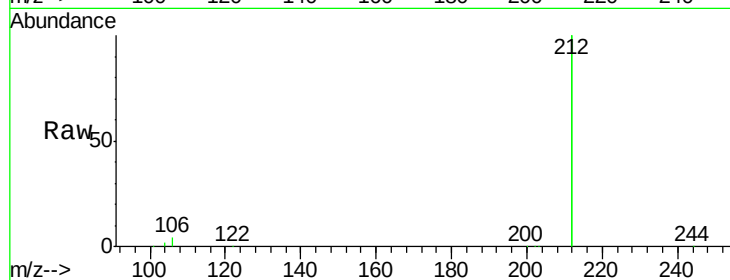
Tgt Ion:212 Resp: 127961

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

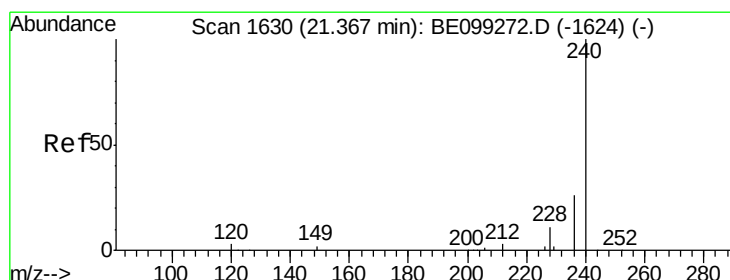
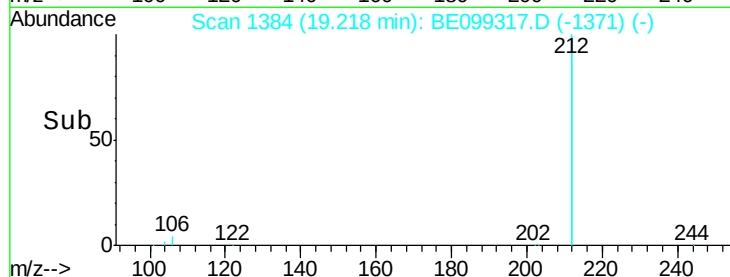
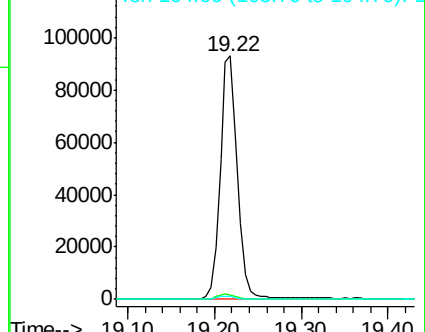
104 1.3 1.1 1.7



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# 1630

Delta R.T. -0.02 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

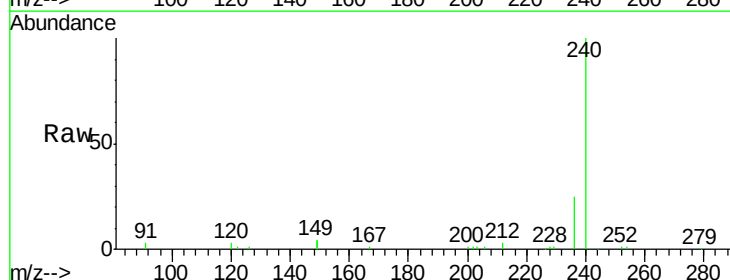
Tgt Ion:240 Resp: 41239

Ion Ratio Lower Upper

240 100

120 3.0 2.6 3.8

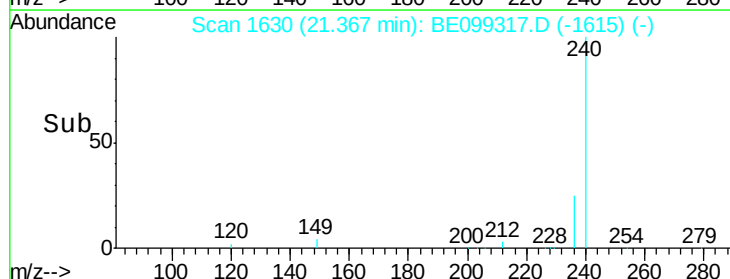
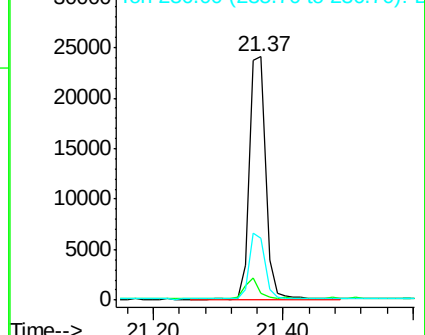
236 25.3 20.9 31.3

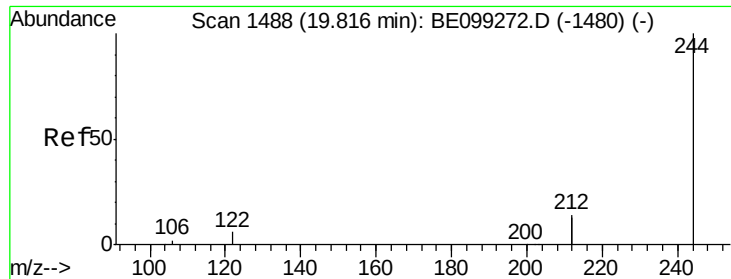


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

Instrument :

BNA_E

ClientSampleId :

SA-SW201-20190409

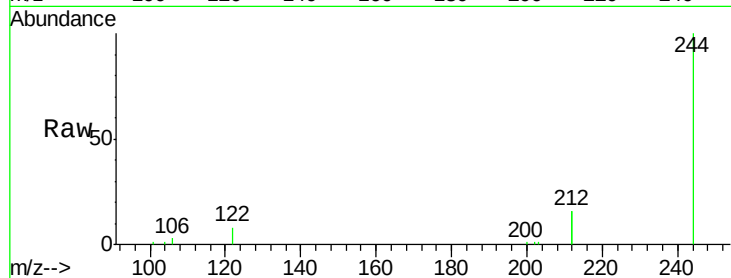
Tgt Ion:244 Resp: 28517

Ion Ratio Lower Upper

244 100

212 31.9 22.7 34.1

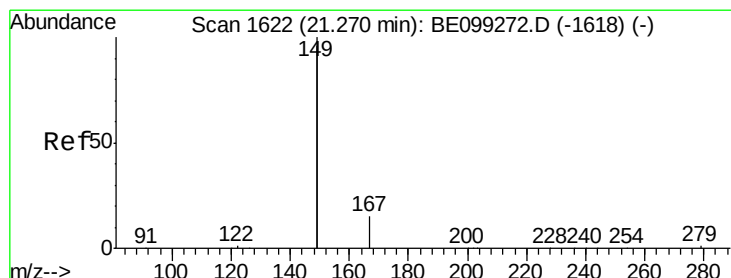
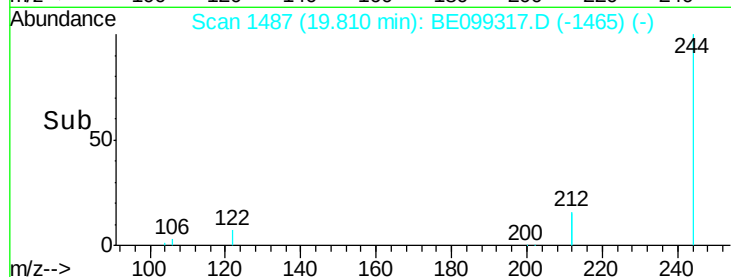
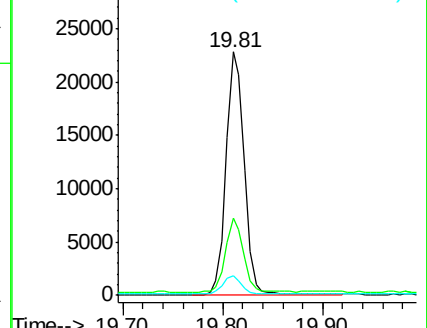
122 7.9 5.8 8.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.202 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099317.D

Acq: 12 Apr 2019 19:08

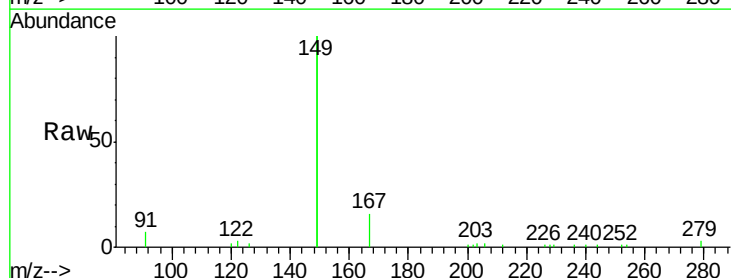
Tgt Ion:149 Resp: 33413

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

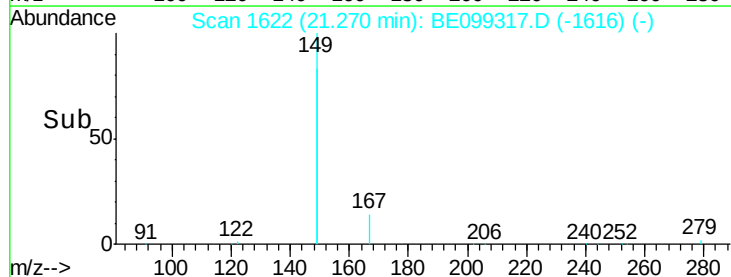
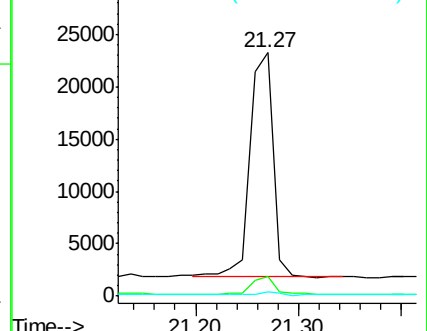
279 1.1 1.0 1.6

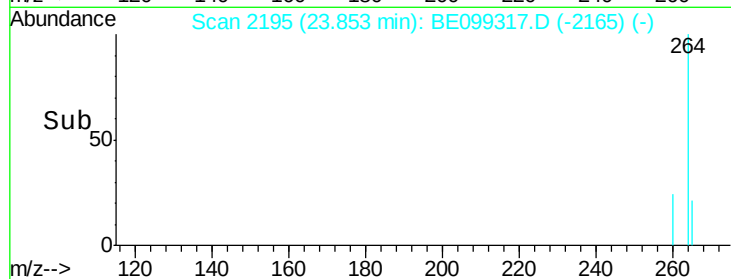
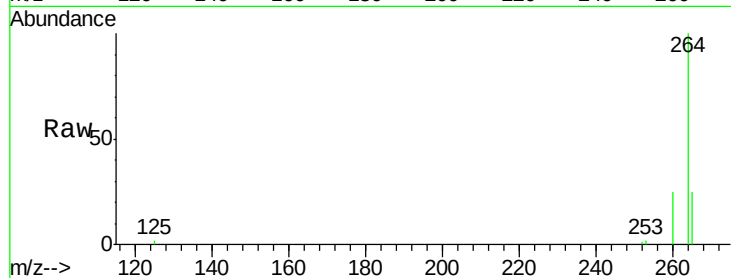
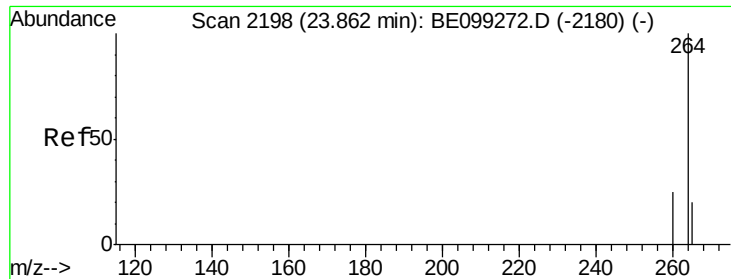


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE099317.D

Acq: 12 Apr 2019 19:08

Instrument :

BNA_E

ClientSampleId :

SA-SW201-20190409

Tgt Ion: 264 Resp: 40368

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 25.2 21.8 32.8

