

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099901.D
 Acq On : 10 Jun 2019 21:43
 Operator : JU/SJ
 Sample : K3203-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW003-190604

Quant Time: Jun 11 07:32:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

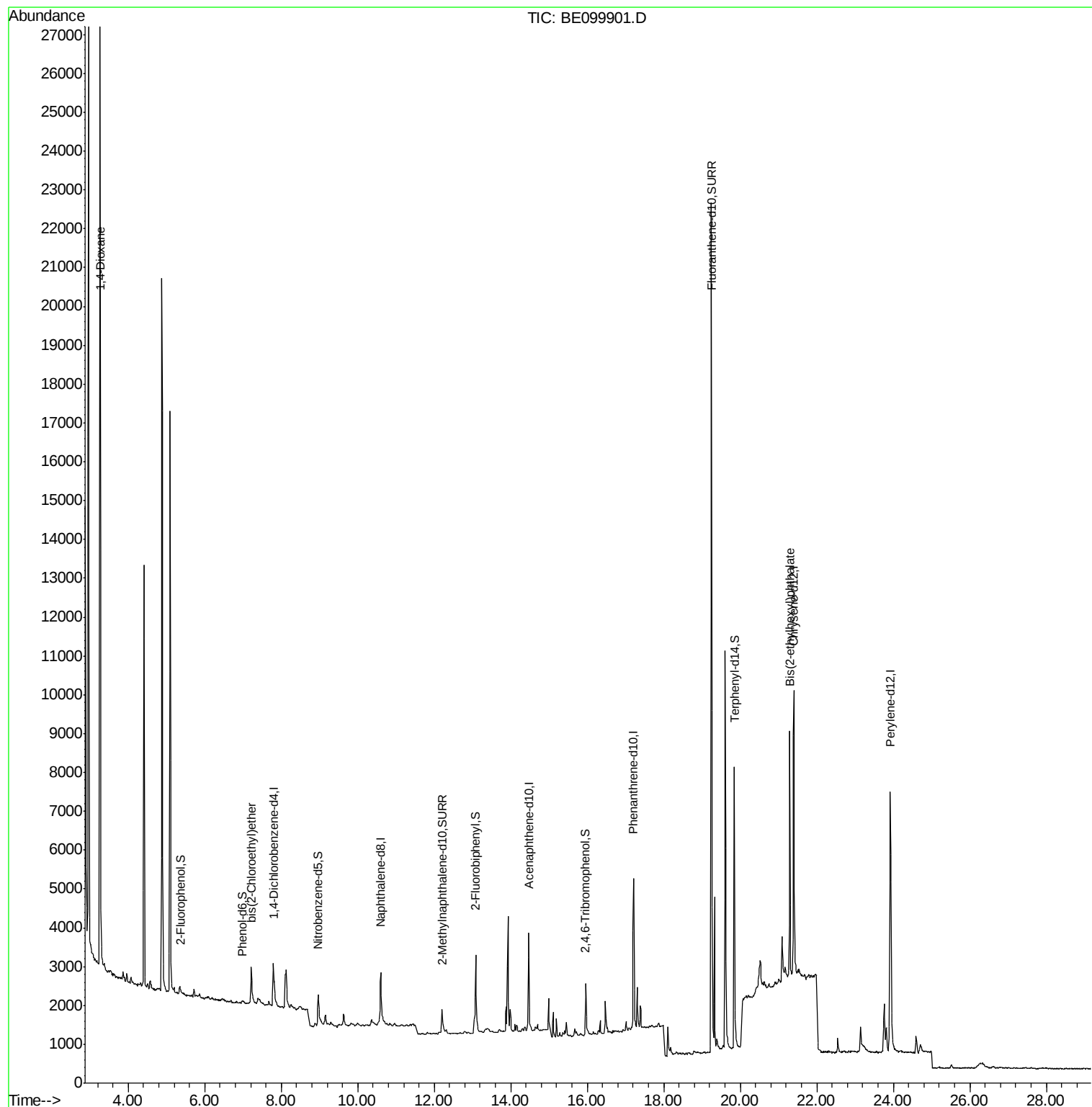
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	661	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2274	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1743	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6059	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9700	0.40	ng	0.00
34) Perylene-d12	23.92	264	11375	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	128	0.07	ng	0.00
5) Phenol-d6	6.97	99	76	0.03	ng	0.00
8) Nitrobenzene-d5	8.96	82	636	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1248	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	200	0.16	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	2332	0.35	ng	-0.01
25) Fluoranthene-d10	19.25	212	31671	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	7423	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	25872	26.446	ng	94
6) bis(2-Chloroethyl)ether	7.22	93	551	0.294	ng	93
32) Bis(2-ethylhexyl)phthalate	21.29	149	6616	0.159	ng	# 98

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

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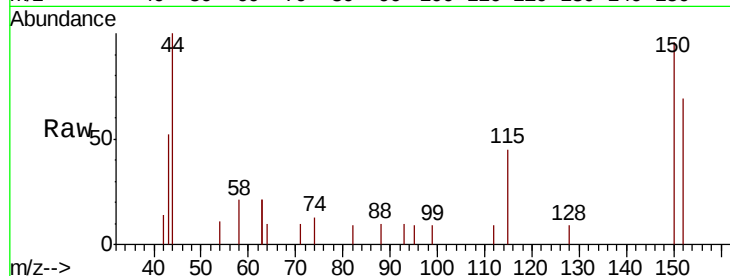


#1

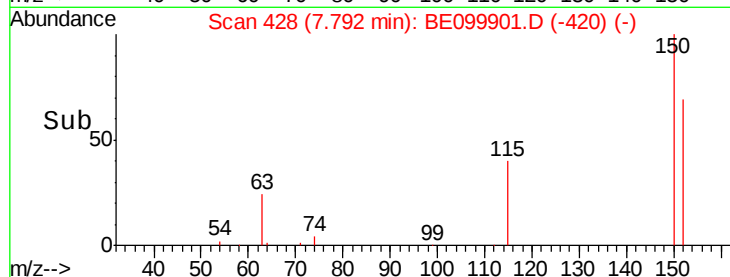
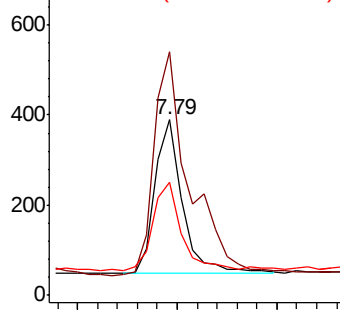
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099901.D
Acq: 10 Jun 2019 21:43

Instrument :
BNA_E
ClientSampleId :
LF001MW003-190604

Tot Ion:152 Resp: 661
Ion Ratio Lower Upper
152 100
150 138.8 111.0 166.6
115 64.8 50.7 76.1



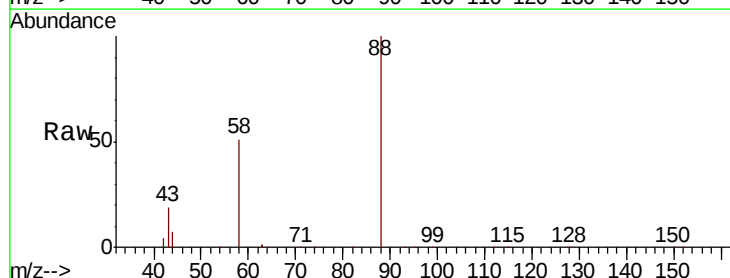
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



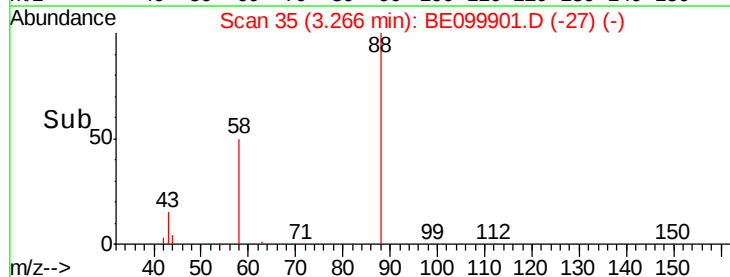
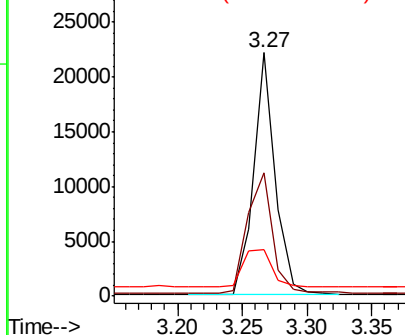
#2

1,4-Dioxane
Concen: 26.446 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099901.D
Acq: 10 Jun 2019 21:43

Tgt Ion: 88 Resp: 25872
Ion Ratio Lower Upper
88 100
58 56.4 48.8 73.2
43 20.3 19.0 28.6



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: 0.072 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Instrument :

BNA_E

ClientSampleId :

LF001MW003-190604

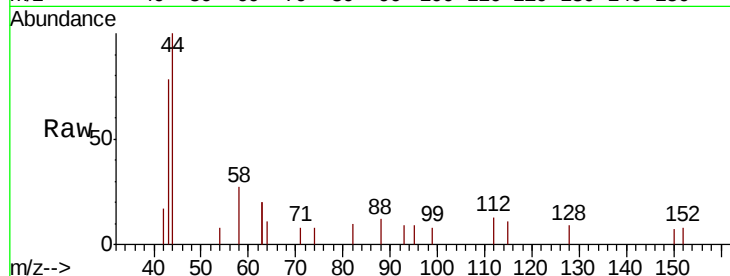
Tot Ion:112 Resp: 128

Ion Ratio Lower Upper

112 100

64 46.1 44.1 66.1

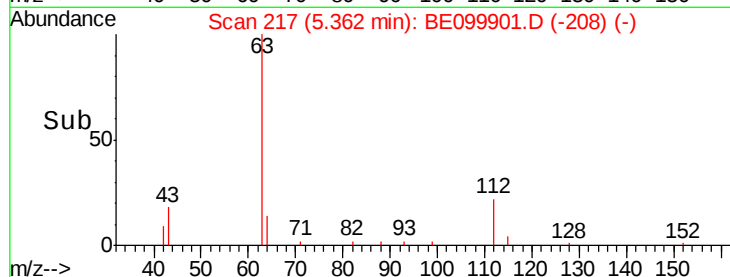
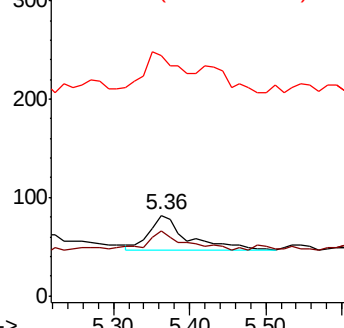
63 88.3 87.8 131.6



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: 0.033 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

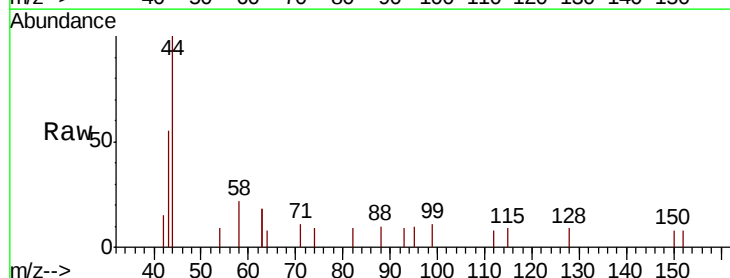
Tgt Ion: 99 Resp: 76

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

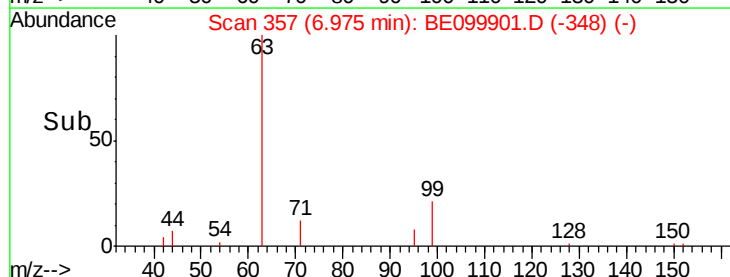
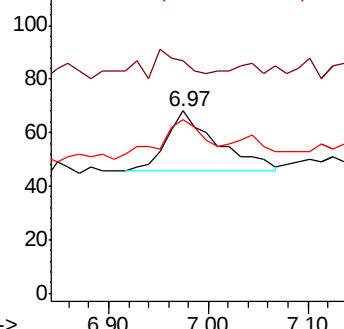
71 60.5 34.6 52.0#

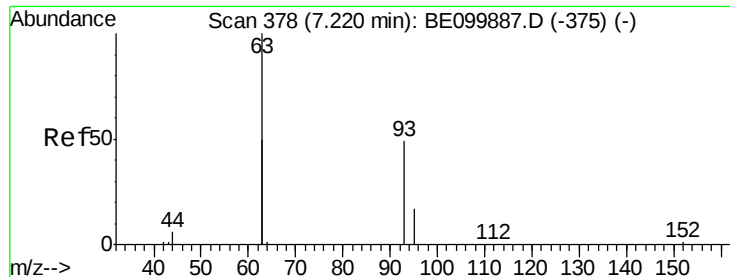


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.294 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Instrument :

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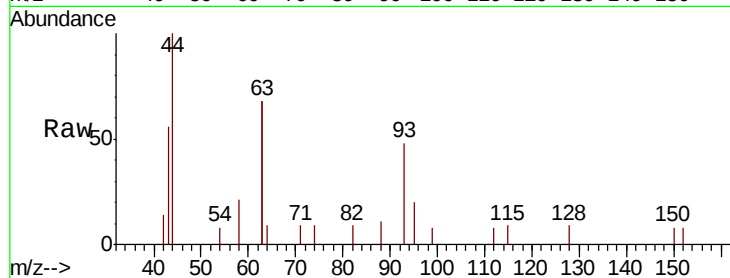
Tot Ion: 93 Resp: 551

Ion Ratio Lower Upper

93 100

63 266.8 202.8 304.2

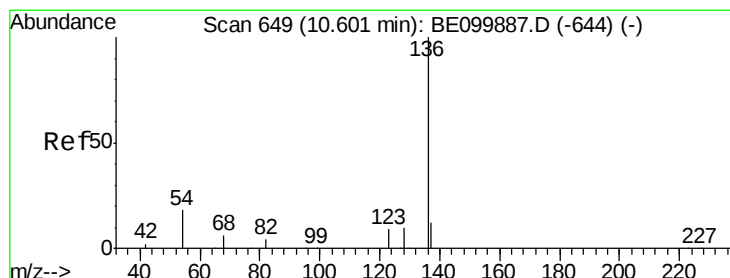
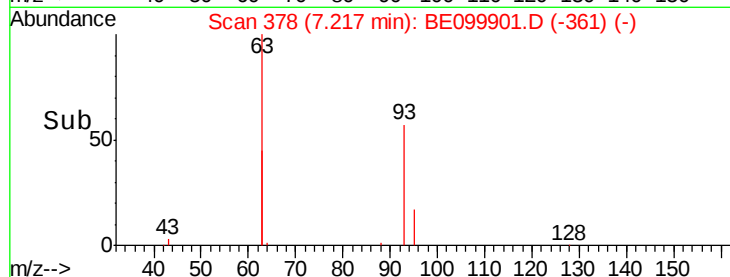
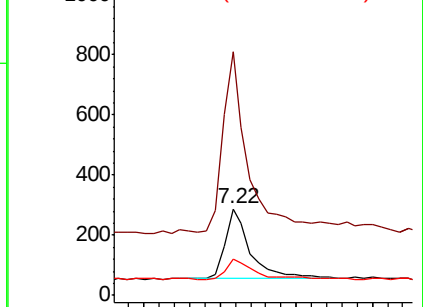
95 33.4 23.7 35.5



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Tgt Ion: 136 Resp: 2274

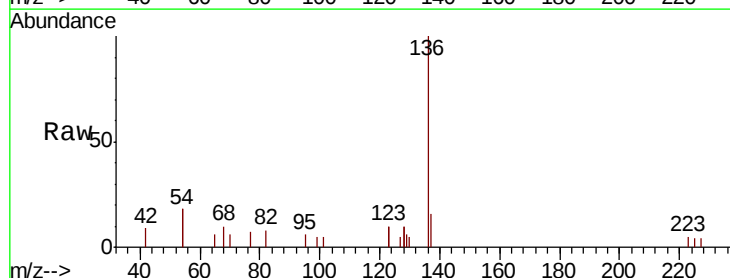
Ion Ratio Lower Upper

136 100

137 15.8 12.3 18.5

54 36.3 28.2 42.4

68 9.9 7.8 11.8

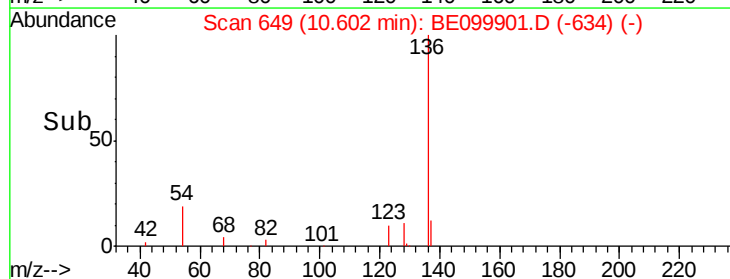
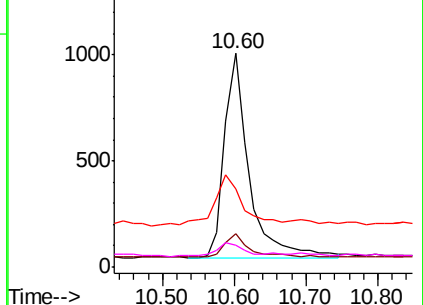


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.295 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Instrument :

BNA_E

ClientSampleId :

LF001MW003-190604

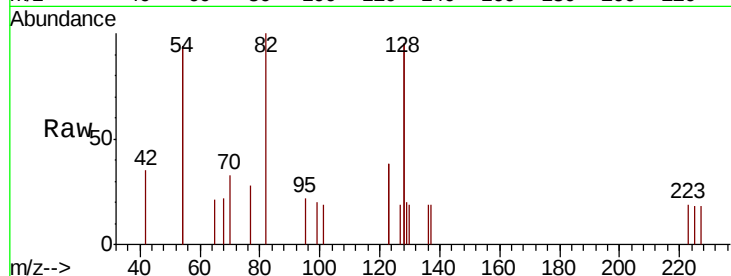
Tot Ion: 82 Resp: 636

Ion Ratio Lower Upper

82 100

128 189.8 137.3 205.9

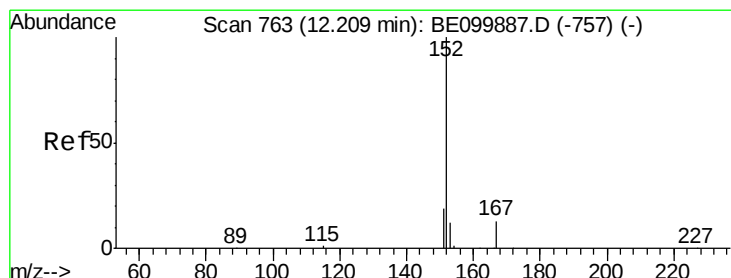
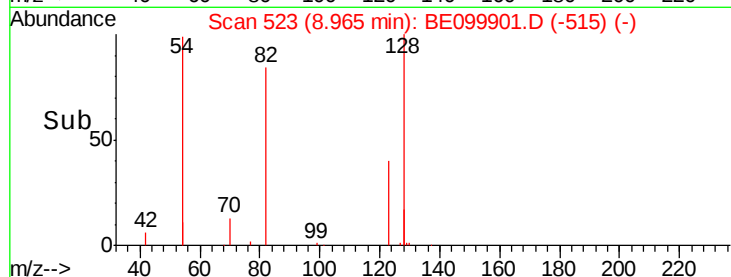
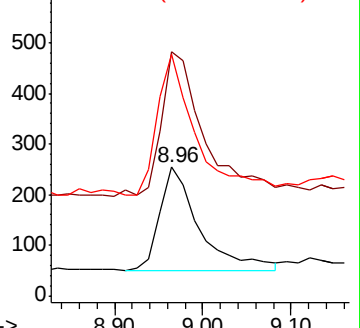
54 188.2 129.7 194.5



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: 0.315 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099901.D

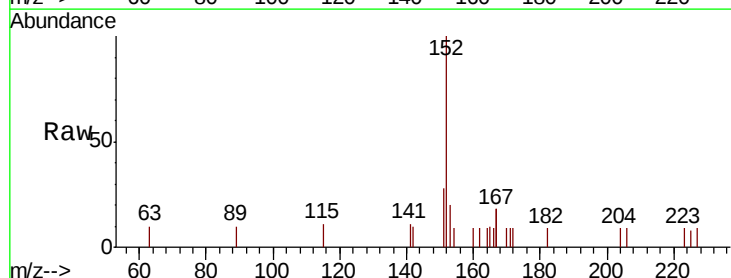
Acq: 10 Jun 2019 21:43

Tgt Ion: 152 Resp: 1248

Ion Ratio Lower Upper

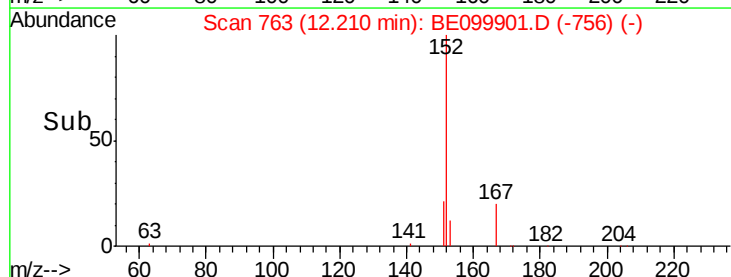
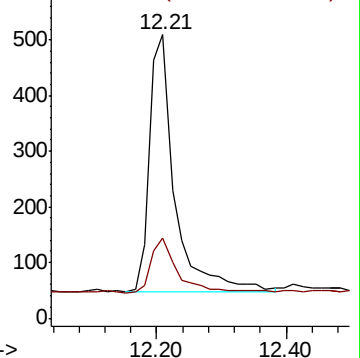
152 100

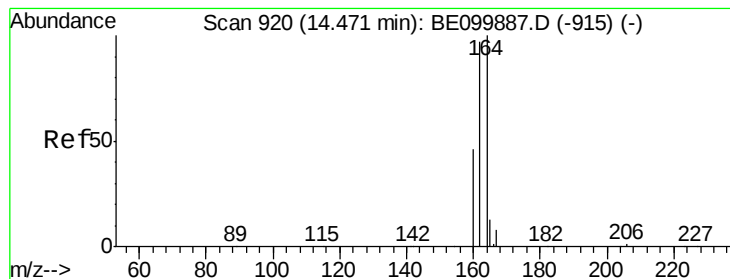
151 22.6 15.2 22.8



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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Instrument :

BNA_E

ClientSampleId :

LF001MW003-190604

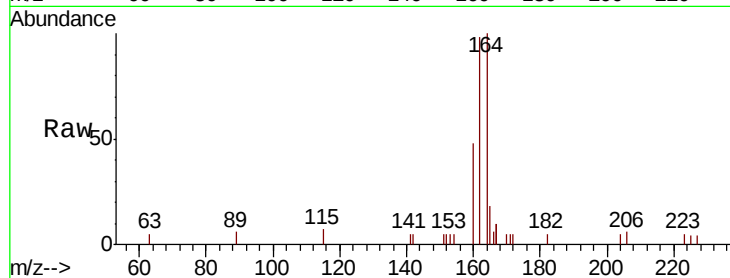
Tot Ion:164 Resp: 1743

Ion Ratio Lower Upper

164 100

162 97.8 77.8 116.8

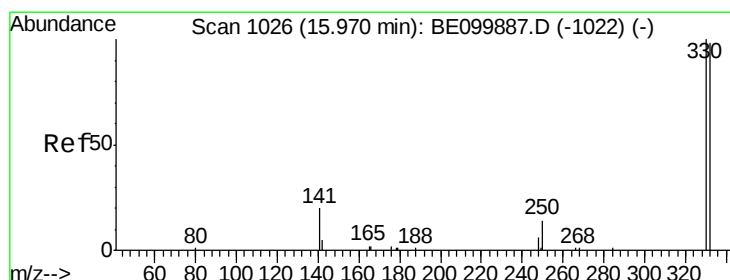
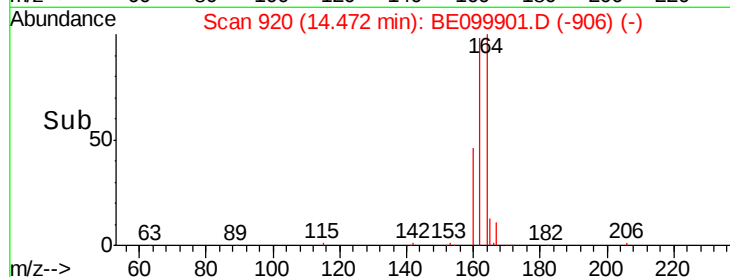
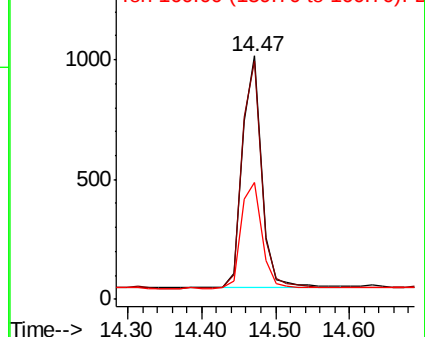
160 48.1 38.2 57.4



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: 0.155 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

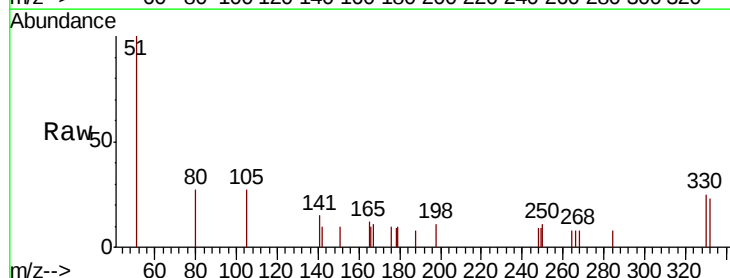
Tgt Ion:330 Resp: 200

Ion Ratio Lower Upper

330 100

332 100.0 76.7 115.1

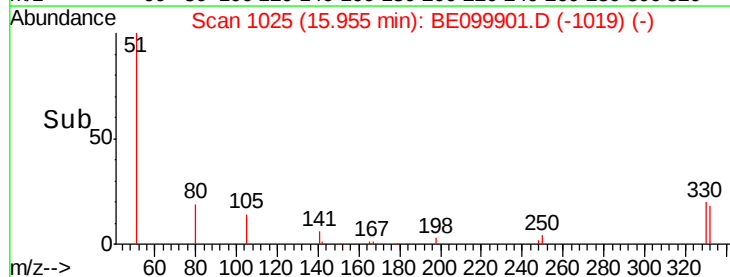
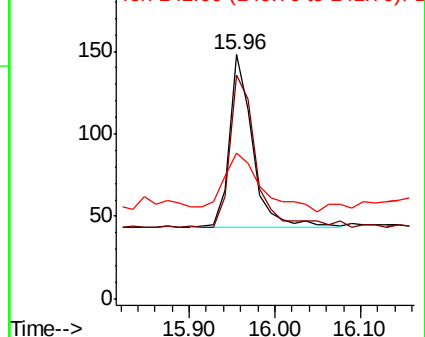
141 52.0 21.0 31.6#

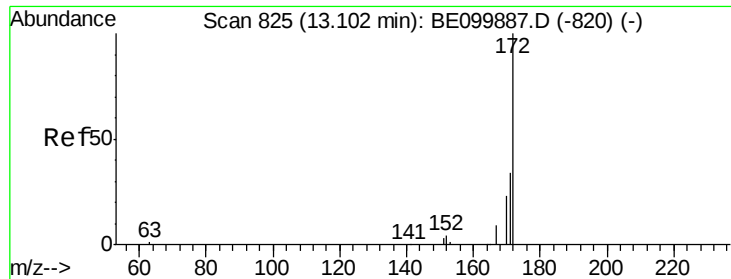


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

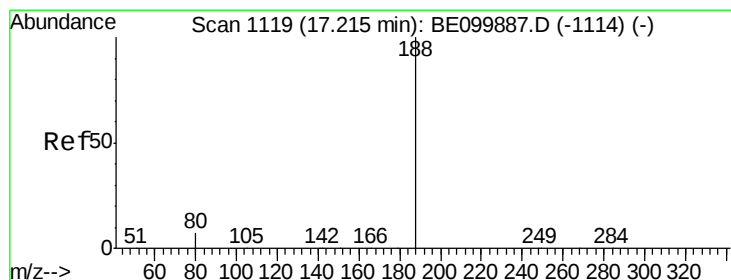
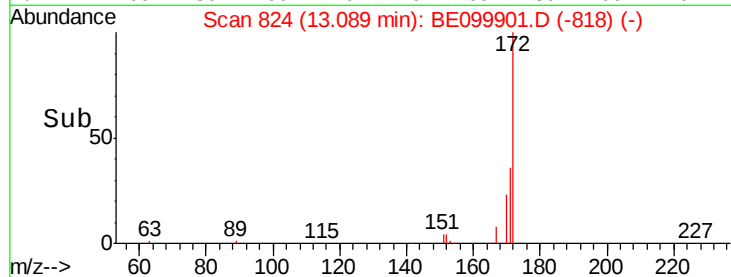
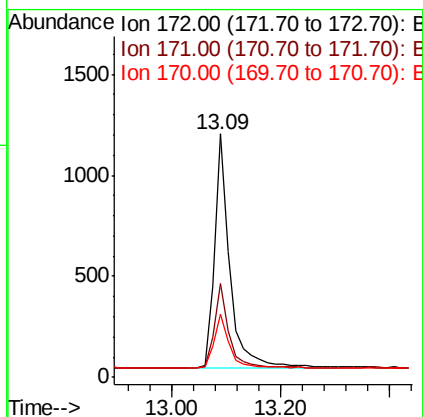
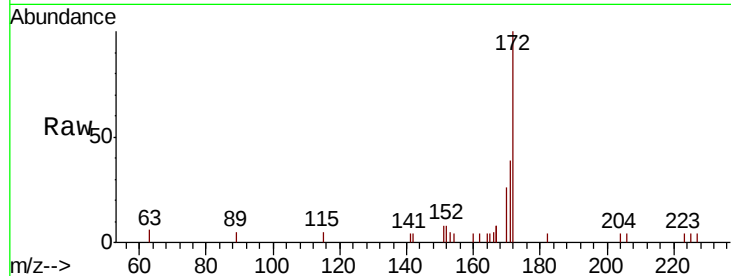




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099901.D
Acq: 10 Jun 2019 21:43

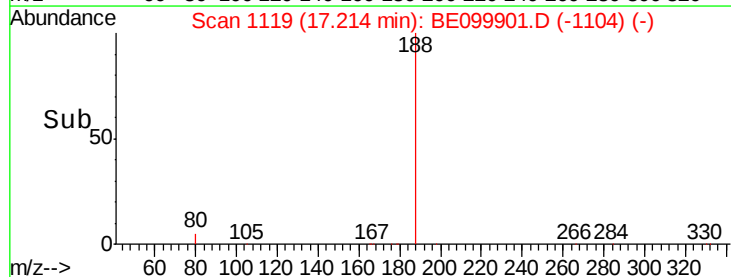
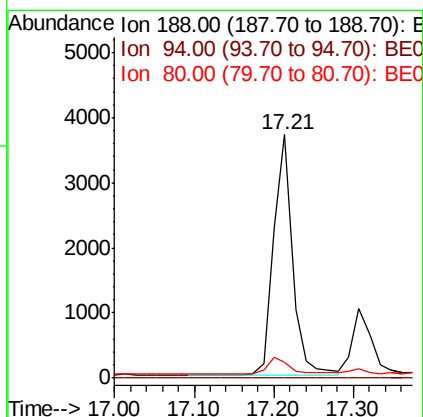
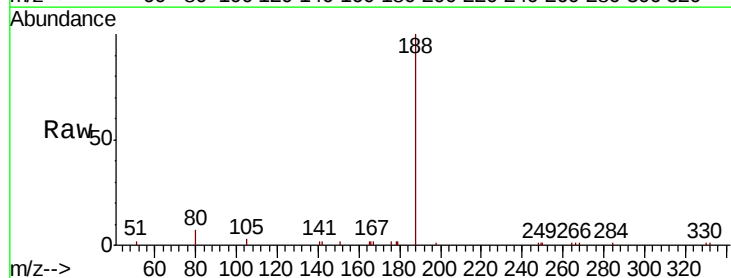
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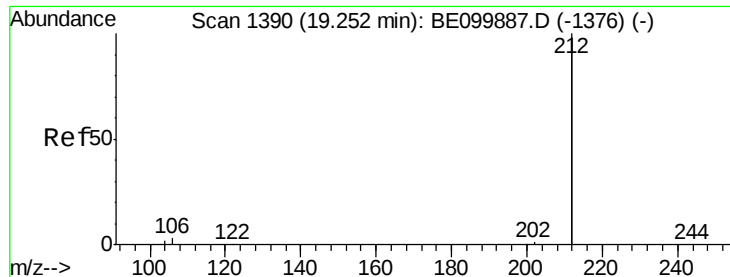
Tot Ion:172 Resp: 2332
Ion Ratio Lower Upper
172 100
171 38.6 29.2 43.8
170 26.1 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099901.D
Acq: 10 Jun 2019 21:43

Tgt Ion:188 Resp: 6059
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.4 9.6





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Instrument :

BNA_E

ClientSampleId :

LF001MW003-190604

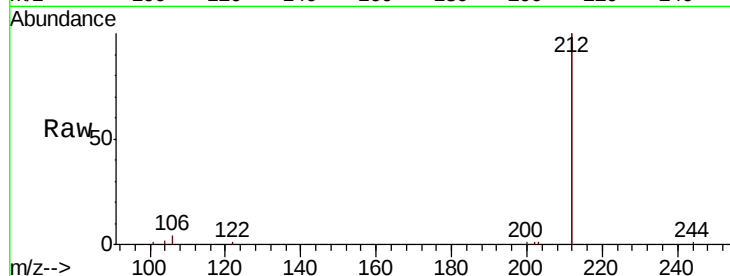
Tot Ion:212 Resp: 31671

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

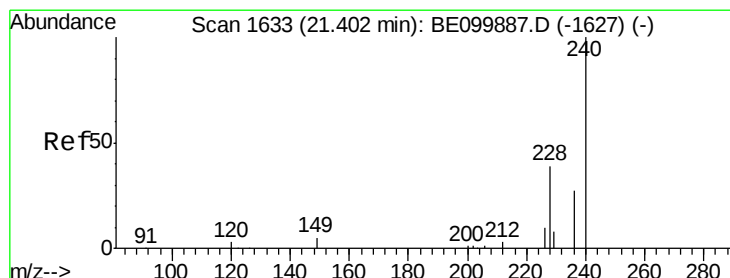
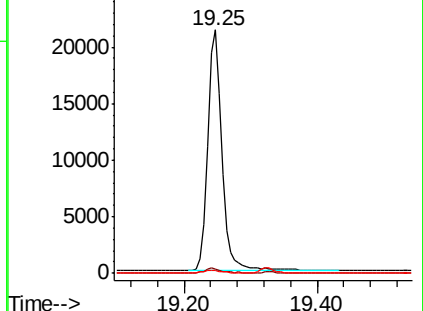
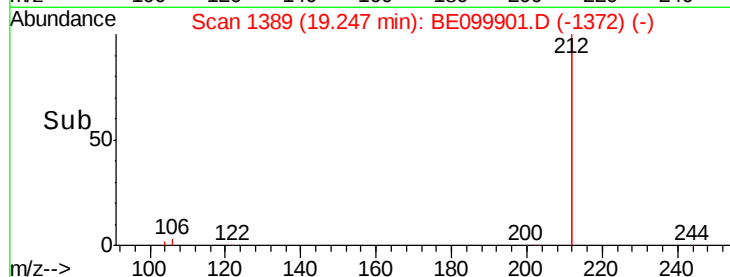
104 1.1 0.9 1.3



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

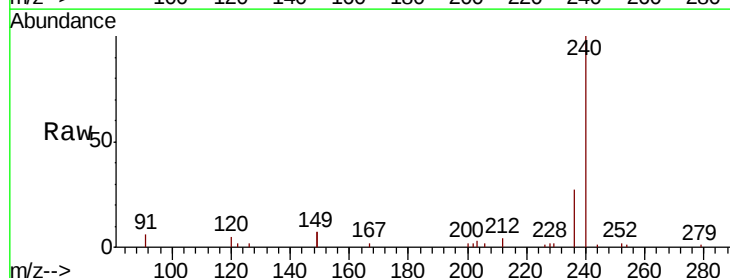
Tgt Ion:240 Resp: 9700

Ion Ratio Lower Upper

240 100

120 4.6 3.8 5.6

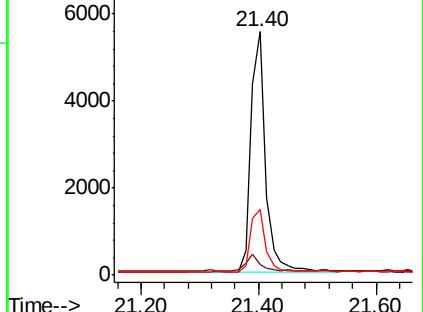
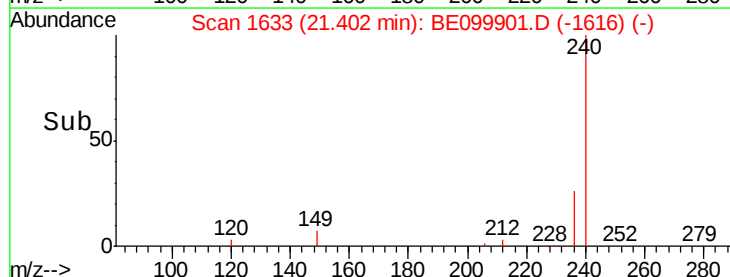
236 27.2 22.0 33.0

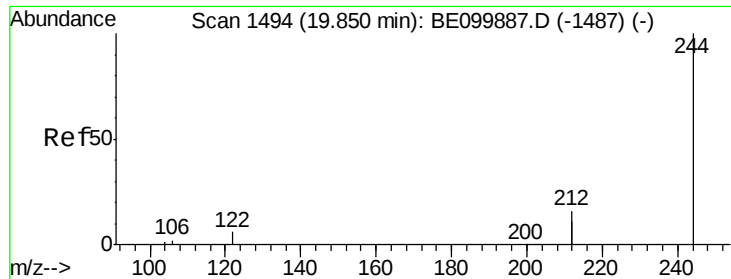


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Instrument :

BNA_E

ClientSampleId :

LF001MW003-190604

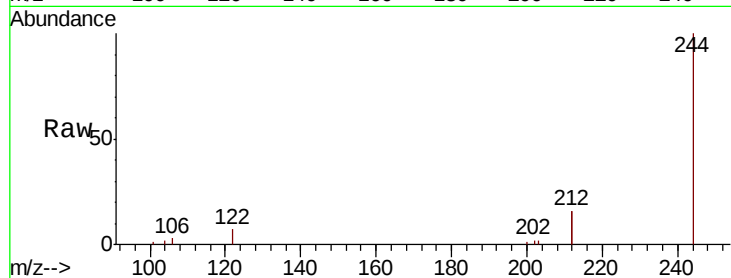
Tot Ion:244 Resp: 7423

Ion Ratio Lower Upper

244 100

212 31.5 25.7 38.5

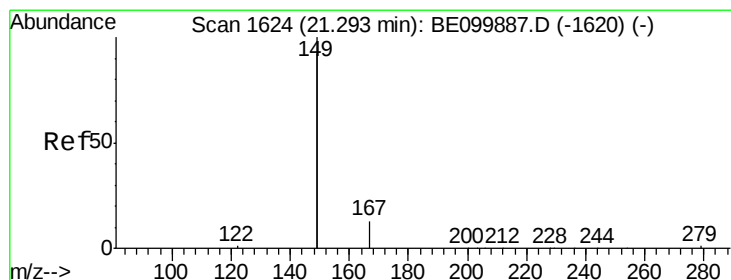
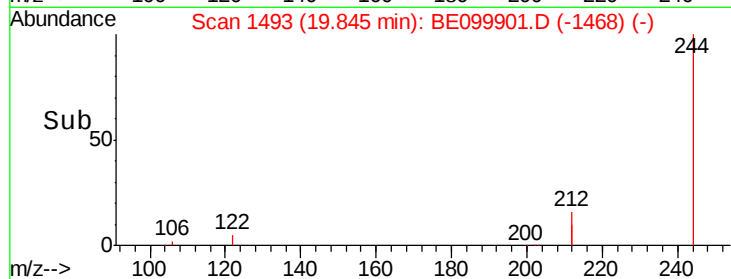
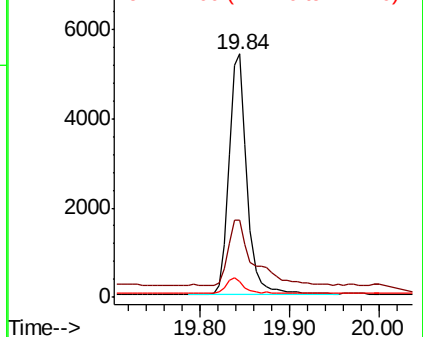
122 6.5 5.5 8.3



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: 0.159 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

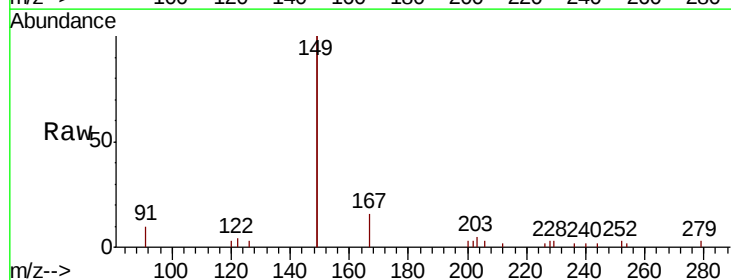
Tgt Ion:149 Resp: 6616

Ion Ratio Lower Upper

149 100

167 8.1 5.9 8.9

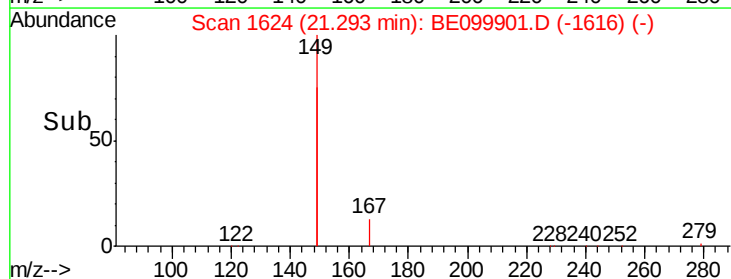
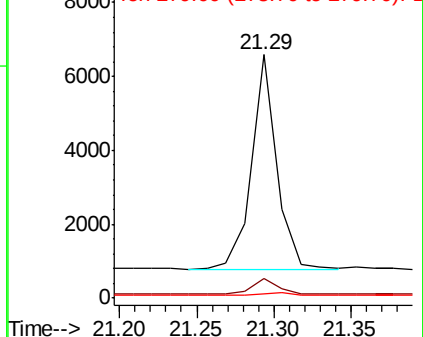
279 1.9 1.2 1.8#

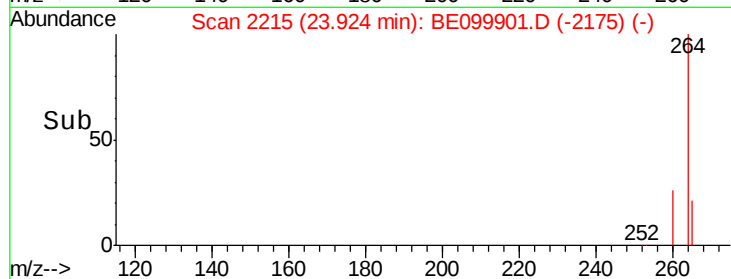
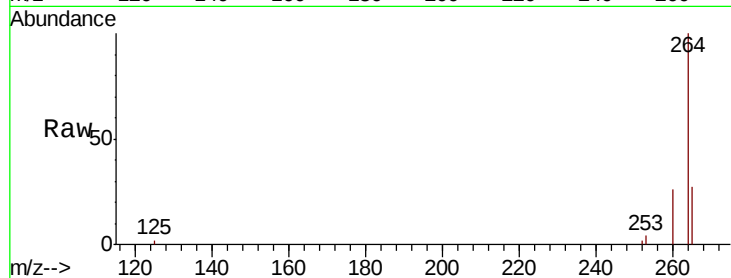


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099901.D

Acq: 10 Jun 2019 21:43

Instrument :

BNA_E

ClientSampleId :

LF001MW003-190604

Tot Ion:264 Resp: 11375

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 26.8 22.0 33.0

