

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099231.D
 Acq On : 27 Mar 2019 1:07
 Operator : JU/SJ
 Sample : K2073-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 VILLAGE-WELL02-01

Quant Time: Mar 27 08:52:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

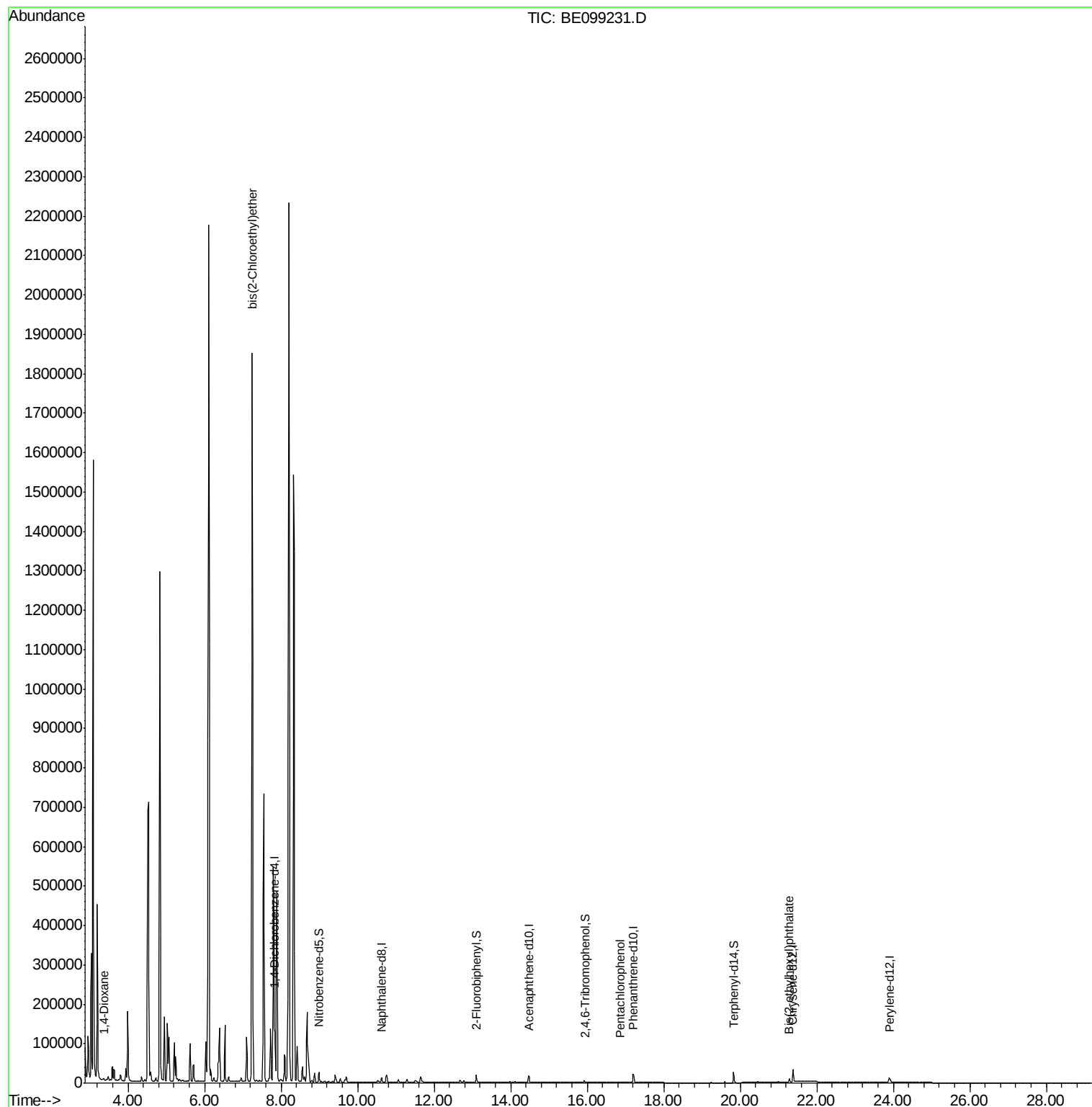
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5809	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15921	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12054	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	34347	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	37760	0.40	ng	-0.01
34) Perylene-d12	23.89	264	27587	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	28	0.00	ng	0.00
5) Phenol-d6	6.94	99	502	0.02	ng	-0.04
8) Nitrobenzene-d5	8.99	82	5263	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	49	0.00	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	268	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	17665	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	888	0.00	ng	0.00
29) Terphenyl-d14	19.83	244	25938	0.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	278	0.036	ng	# 30
6) bis(2-Chloroethyl)ether	7.24	93	1282003	61.519	ng	# 1
22) Pentachlorophenol	16.87	266	18	0.244	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.28	149	9587	0.065	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
Data File : BE099231.D
Acq On : 27 Mar 2019 1:07
Operator : JU/SJ
Sample : K2073-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
VILLAGE-WELL02-01

Quant Time: Mar 27 08:52:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

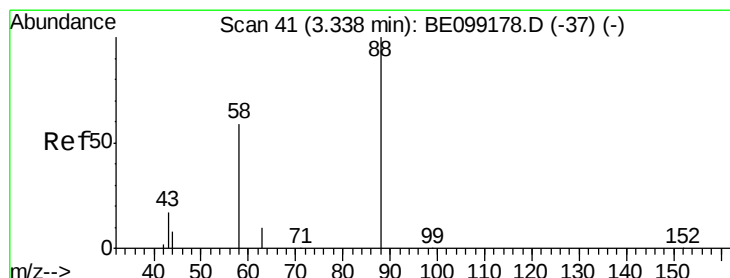
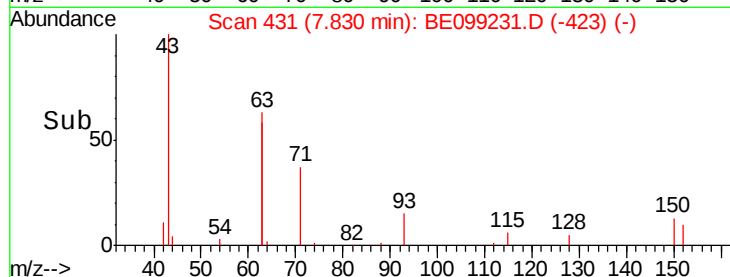
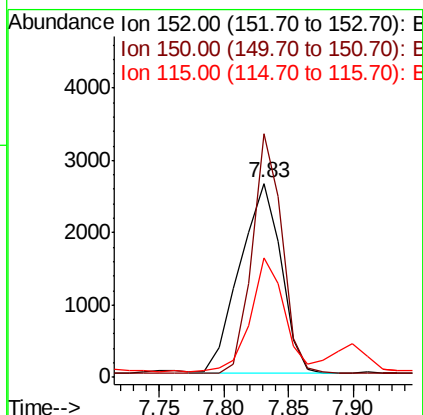
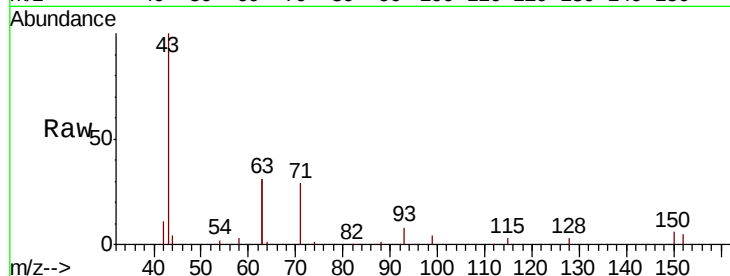




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.83 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BE099231.D
 Acq: 27 Mar 2019 1:07

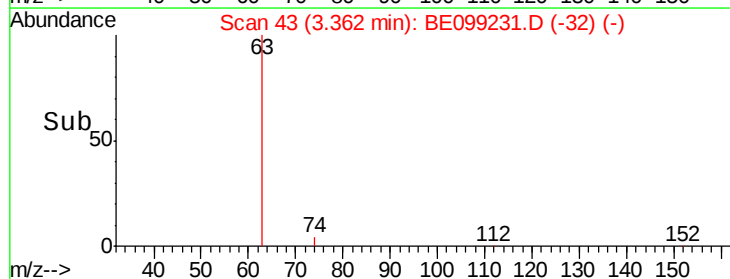
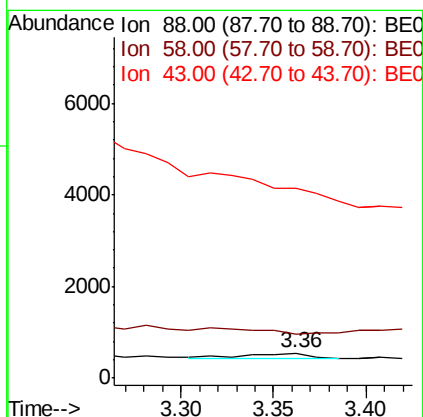
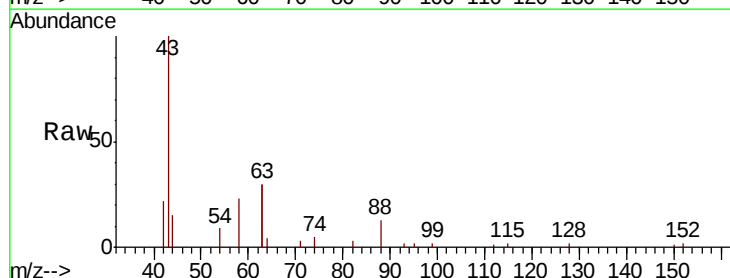
Instrument :
 BNA_E
 ClientSampleId :
 VILLAGE-WELL02-01

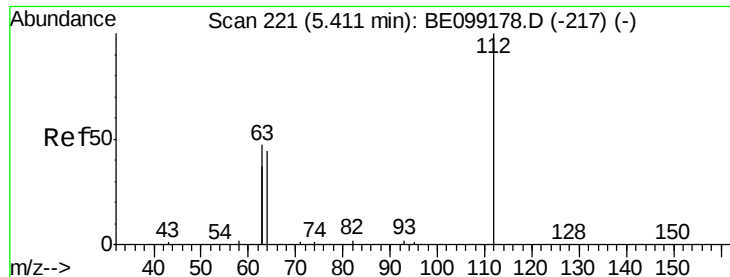
Tgt Ion: 152 Resp: 5809
 Ion Ratio Lower Upper
 152 100
 150 125.5 112.8 169.2
 115 61.6 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.36 min Scan# 43
 Delta R.T. 0.02 min
 Lab File: BE099231.D
 Acq: 27 Mar 2019 1:07

Tgt Ion: 88 Resp: 278
 Ion Ratio Lower Upper
 88 100
 58 0.0 47.4 71.0#
 43 0.0 15.6 23.4#





#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

Instrument :

BNA_E

ClientSampleId :

VILLAGE-WELL02-01

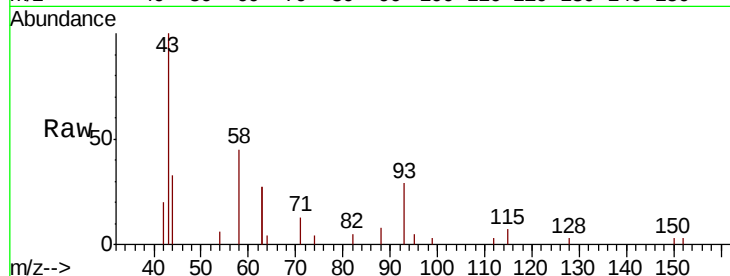
Tgt Ion: 112 Resp: 28

Ion Ratio Lower Upper

112 100

64 0.0 46.2 69.2#

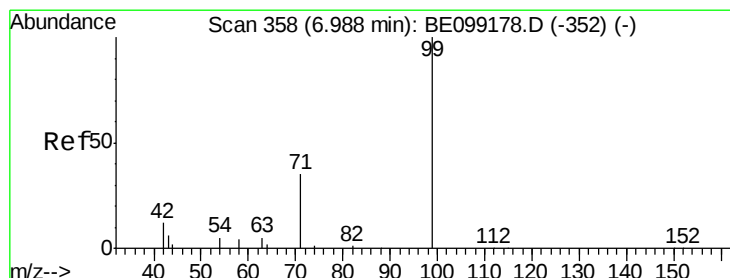
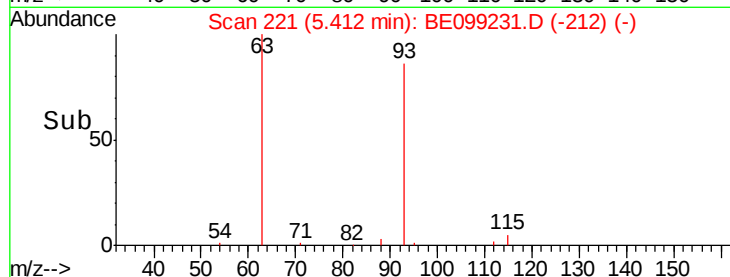
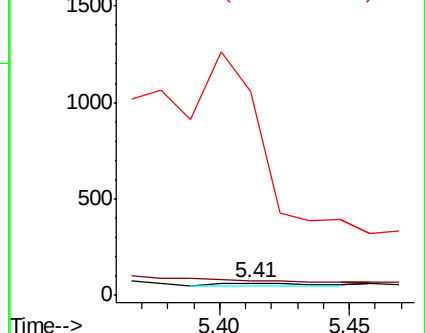
63 0.0 89.9 134.9#



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: 0.019 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.04 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

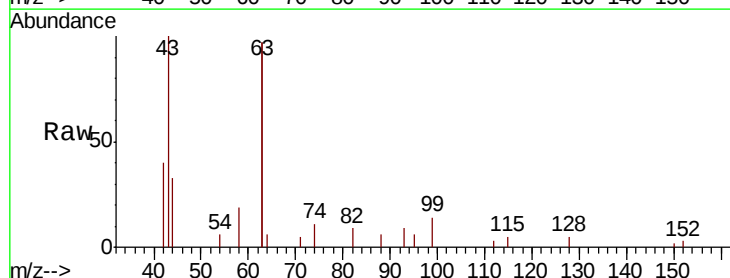
Tgt Ion: 99 Resp: 502

Ion Ratio Lower Upper

99 100

42 468.7 12.4 18.6#

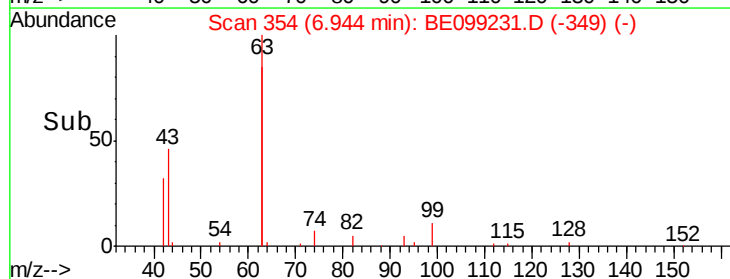
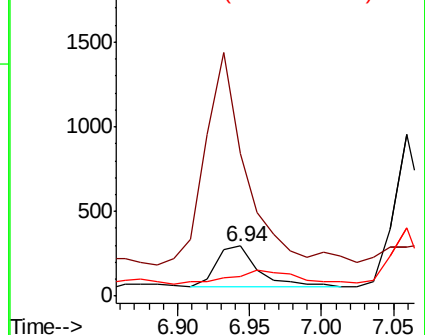
71 0.0 28.4 42.6#

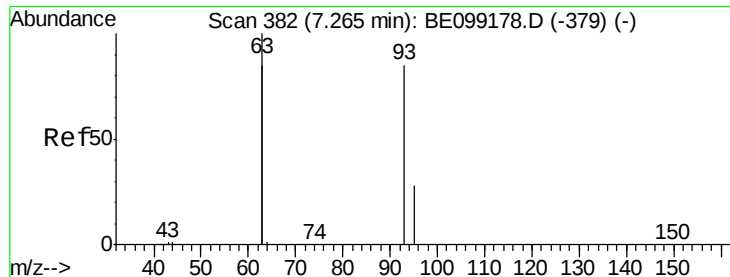


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 61.519 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

Instrument :

BNA_E

ClientSampleId :

VILLAGE-WELL02-01

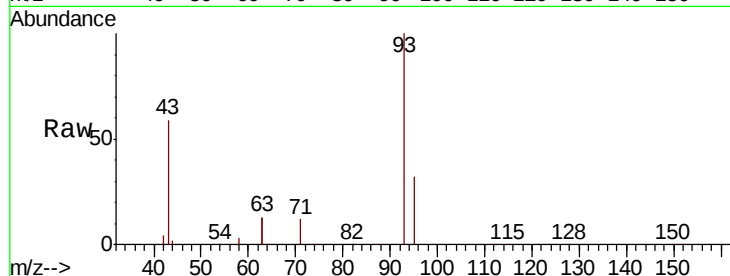
Tgt Ion: 93 Resp: 1282003

Ion Ratio Lower Upper

93 100

63 23.9 221.4 332.0#

95 32.7 25.8 38.8

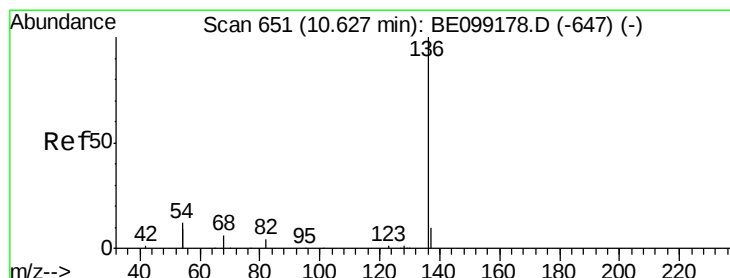
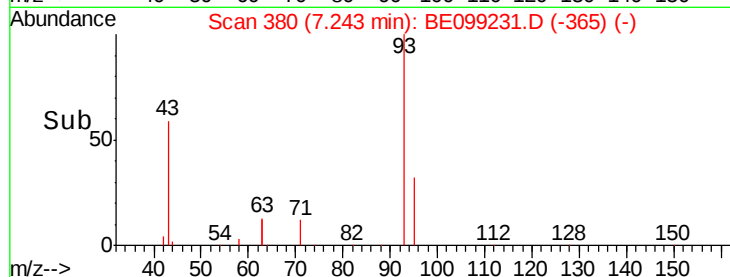
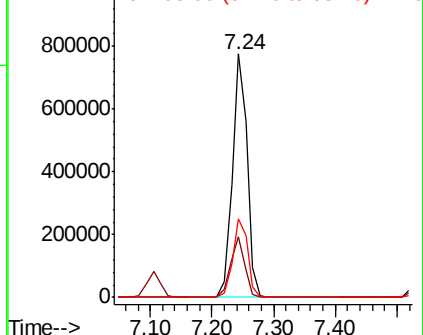


Abundance

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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

Tgt Ion: 136 Resp: 15921

Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 19.7 18.7 28.1

68 5.8 5.2 7.8

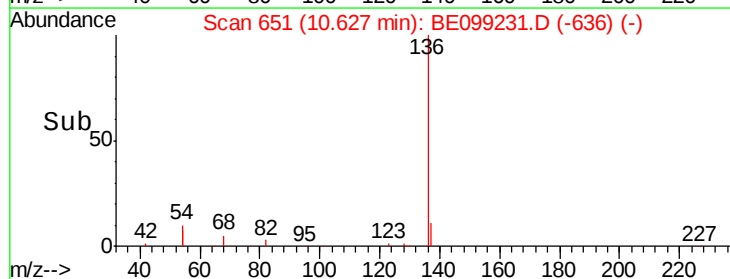
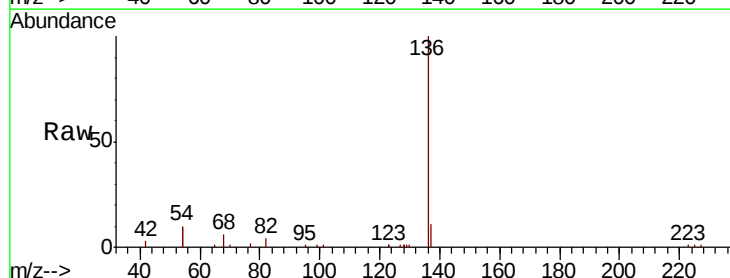
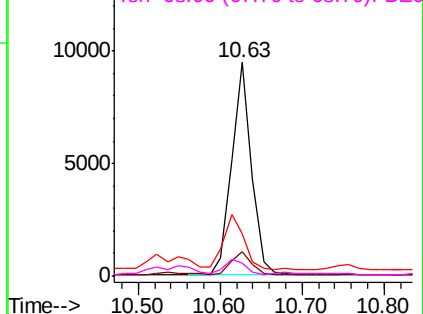
Abundance

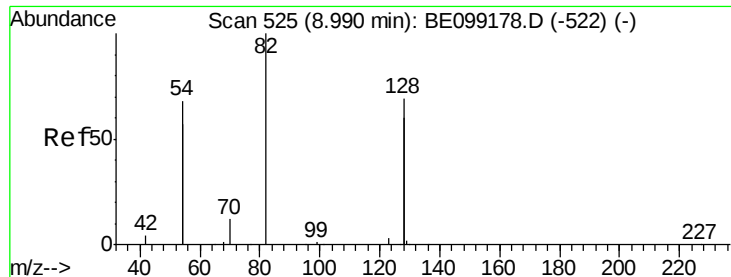
Ion 136.00 (135.70 to 136.70): E

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: 0.405 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

Instrument :

BNA_E

ClientSampleId :

VILLAGE-WELL02-01

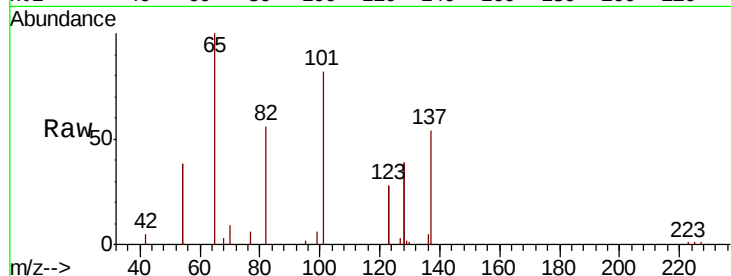
Tgt Ion: 82 Resp: 5263

Ion Ratio Lower Upper

82 100

128 139.9 107.5 161.3

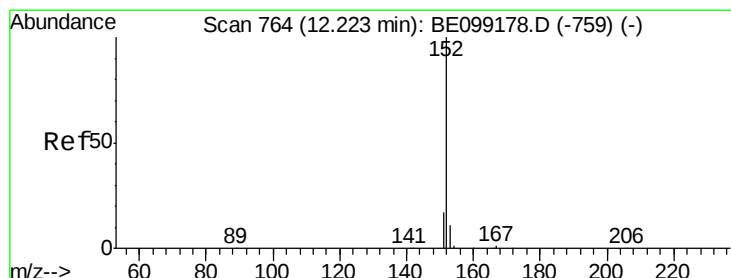
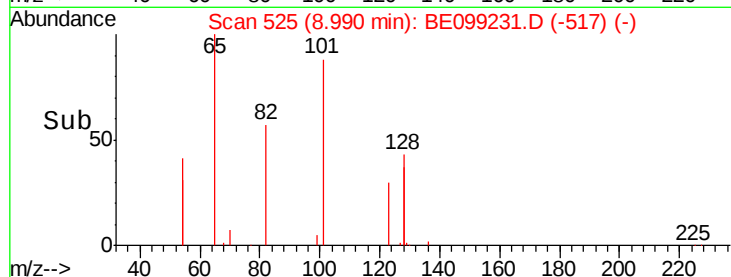
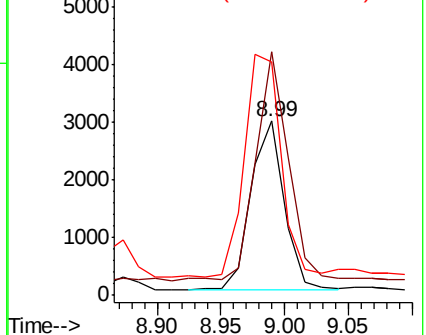
54 134.4 106.3 159.5



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: 0.002 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099231.D

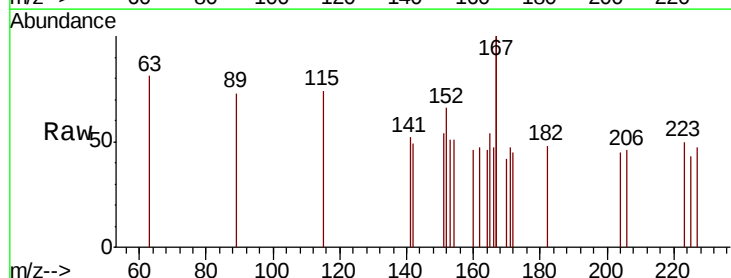
Acq: 27 Mar 2019 1:07

Tgt Ion: 152 Resp: 49

Ion Ratio Lower Upper

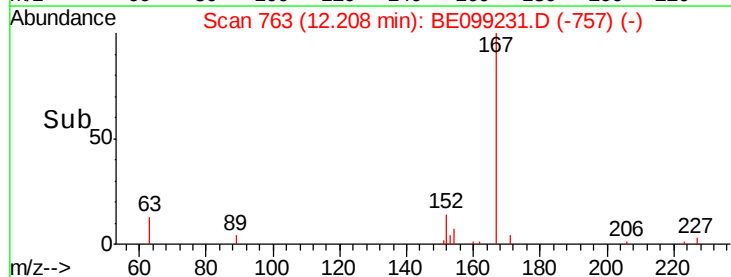
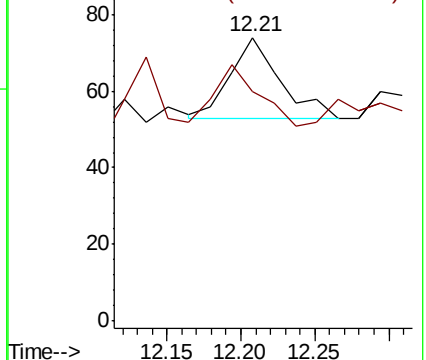
152 100

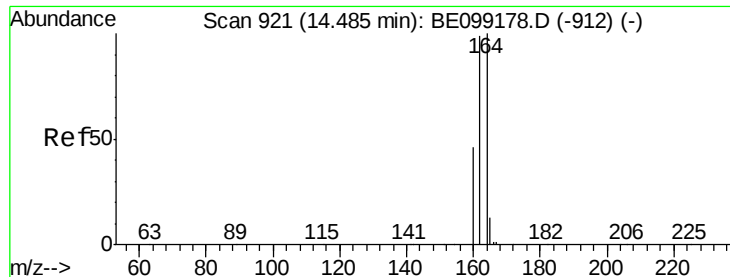
151 67.3 15.0 22.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

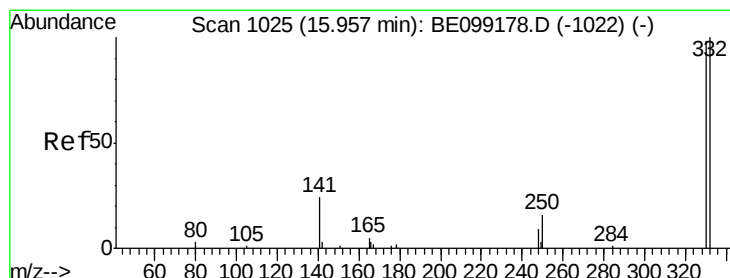
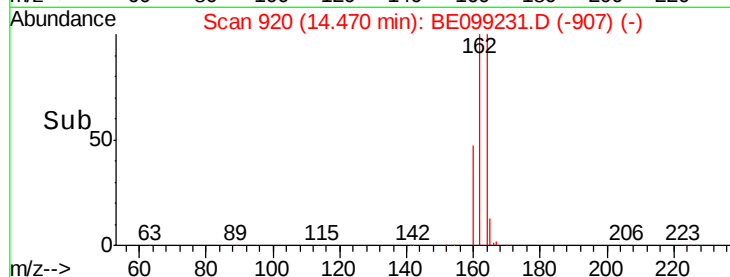
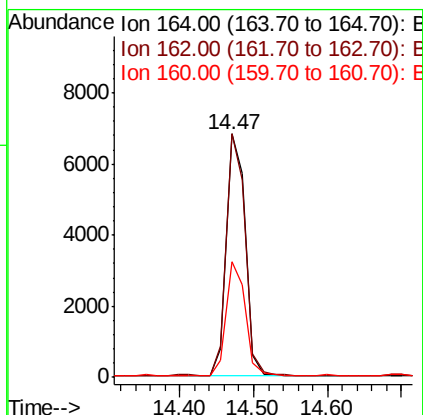
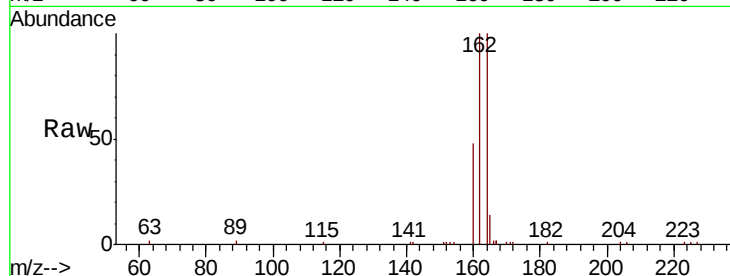




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099231.D
Acq: 27 Mar 2019 1:07

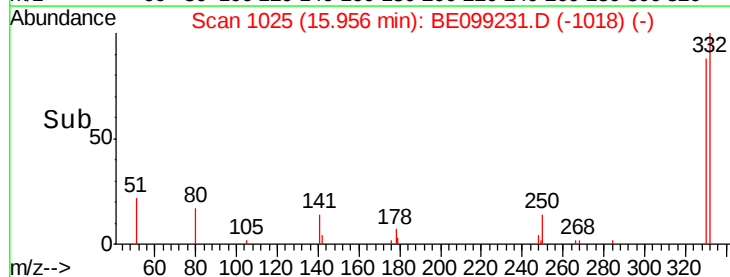
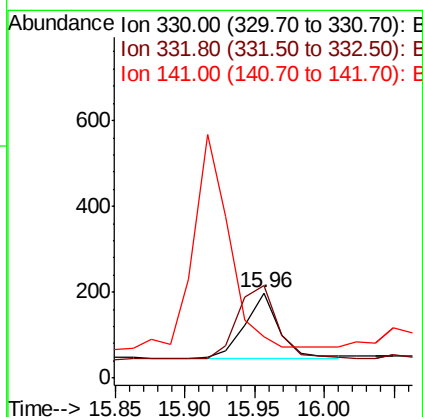
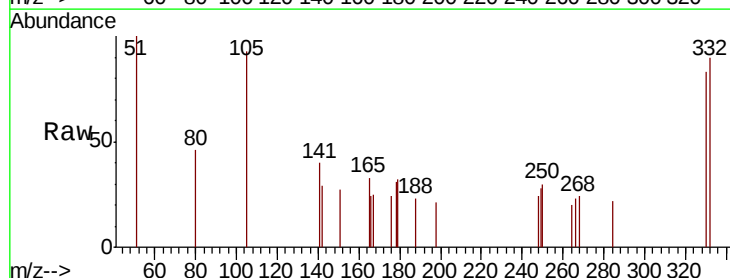
Instrument :
BNA_E
ClientSampleId :
VILLAGE-WELL02-01

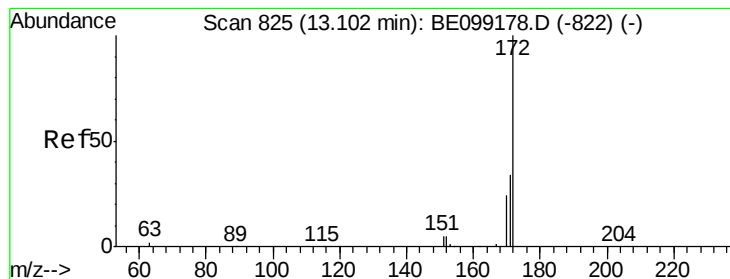
Tgt Ion:164 Resp: 12054
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 47.6 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099231.D
Acq: 27 Mar 2019 1:07

Tgt Ion:330 Resp: 268
Ion Ratio Lower Upper
330 100
332 123.1 71.3 106.9#
141 0.0 21.7 32.5#

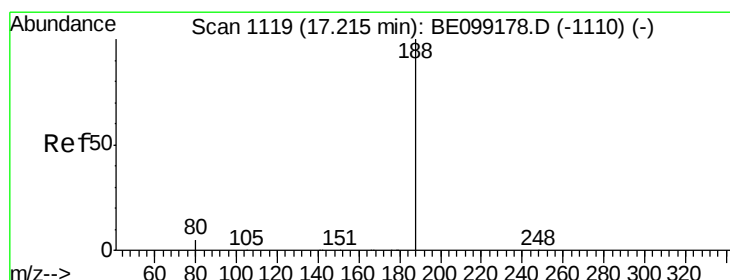
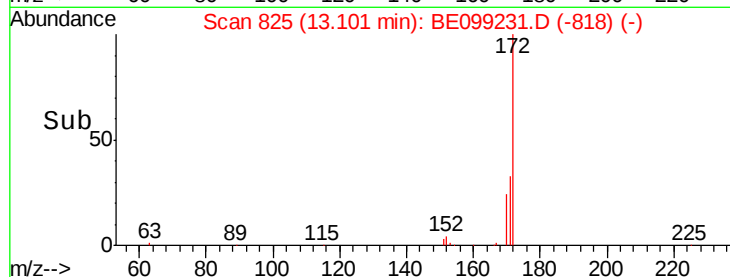
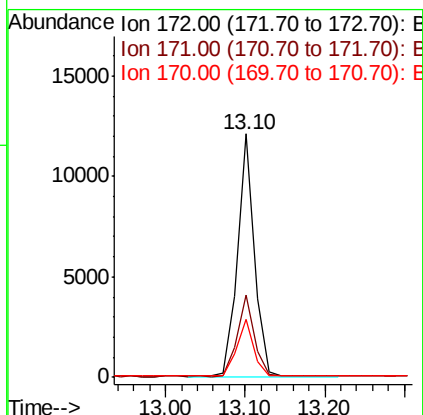
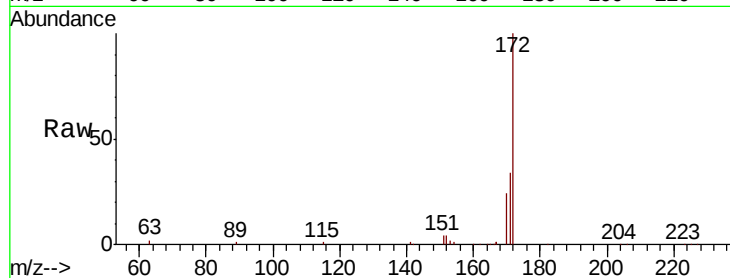




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099231.D
Acq: 27 Mar 2019 1:07

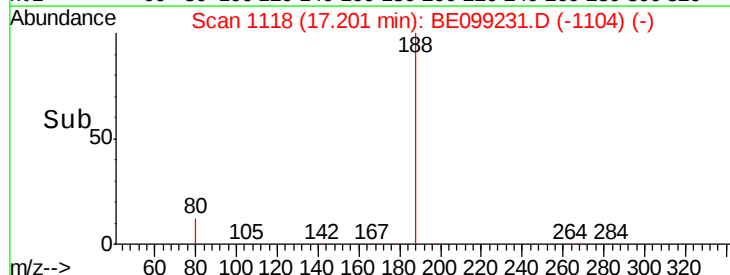
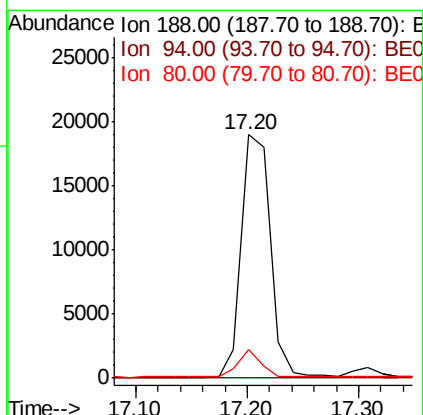
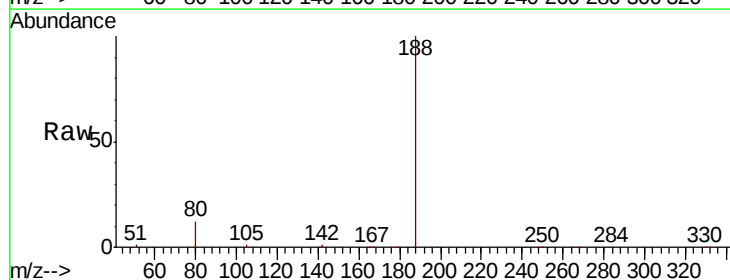
Instrument :
BNA_E
ClientSampleId :
VILLAGE-WELL02-01

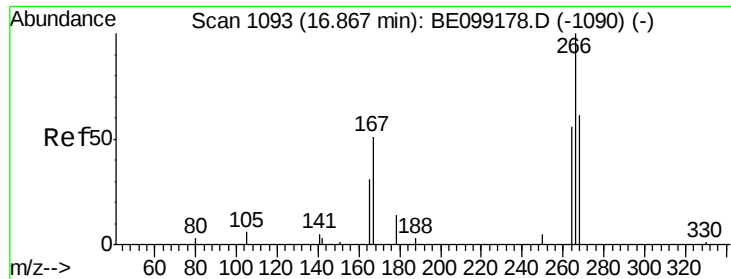
Tgt Ion:172 Resp: 17665
Ion Ratio Lower Upper
172 100
171 33.7 27.4 41.0
170 23.9 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099231.D
Acq: 27 Mar 2019 1:07

Tgt Ion:188 Resp: 34347
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 4.5 6.7#





#22

Pentachlorophenol

Concen: 0.244 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

Instrument :

BNA_E

ClientSampleId :

VILLAGE-WELL02-01

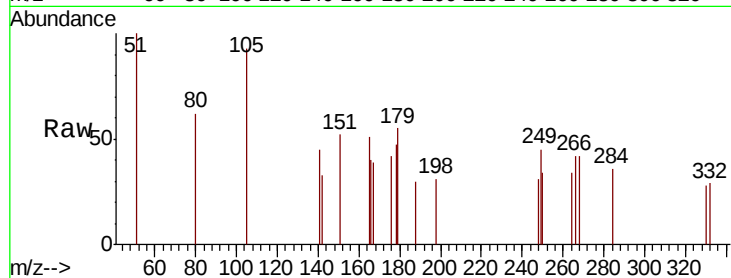
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 81.2 54.4 81.6

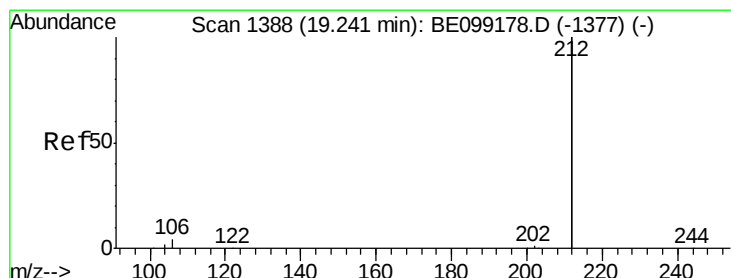
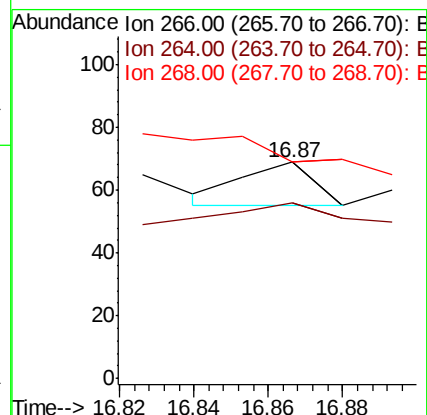
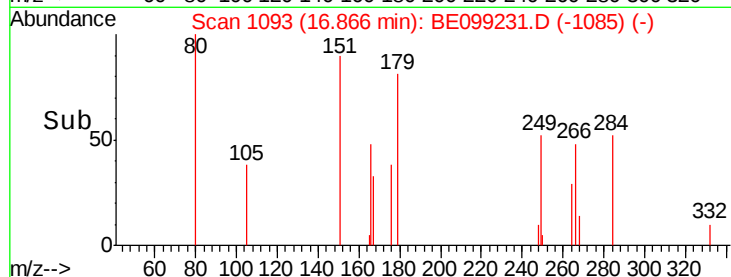
268 100.0 61.3 91.9#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

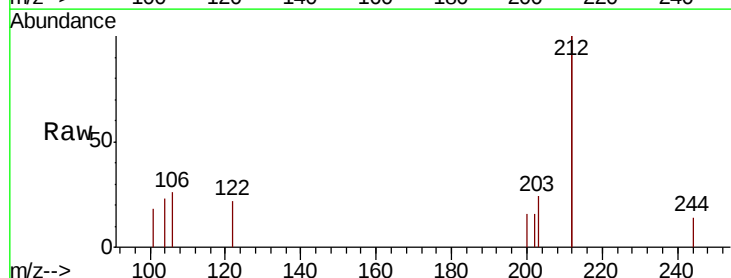
Tgt Ion:212 Resp: 888

Ion Ratio Lower Upper

212 100

106 3.8 1.8 2.8#

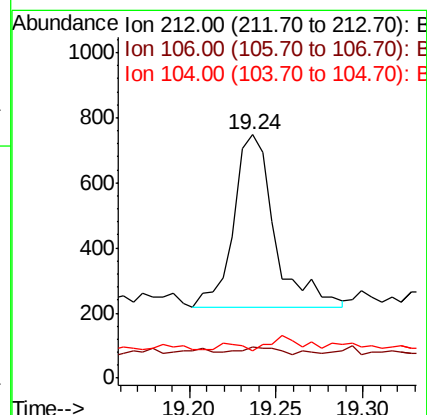
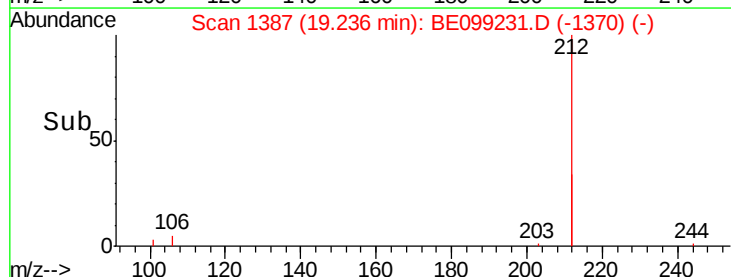
104 0.0 1.1 1.7#

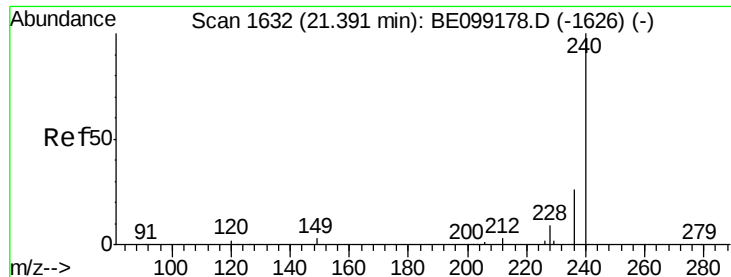


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

Instrument :

BNA_E

ClientSampleId :

VILLAGE-WELL02-01

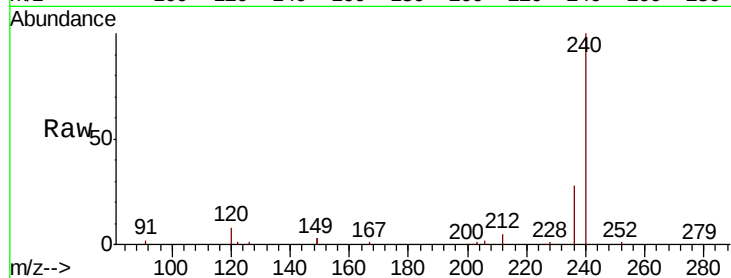
Tgt Ion:240 Resp: 37760

Ion Ratio Lower Upper

240 100

120 8.1 2.6 3.8#

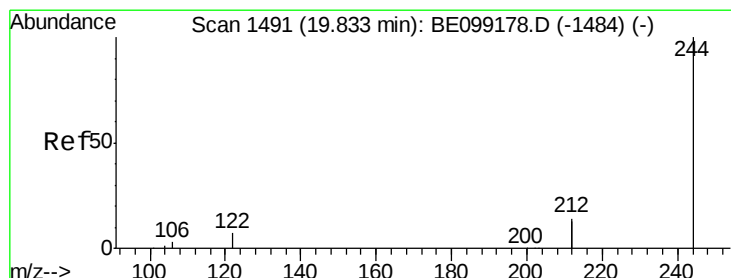
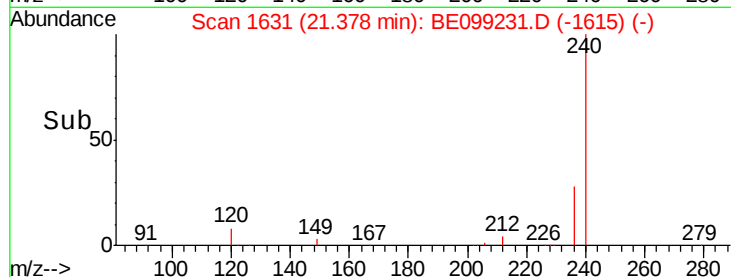
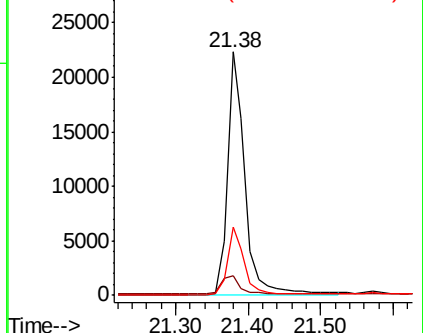
236 27.9 20.9 31.3



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: 0.316 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099231.D

Acq: 27 Mar 2019 1:07

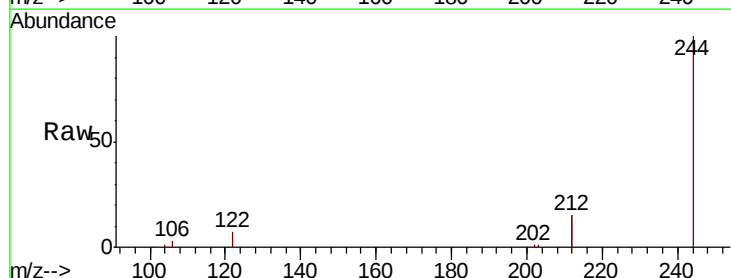
Tgt Ion:244 Resp: 25938

Ion Ratio Lower Upper

244 100

212 29.2 22.7 34.1

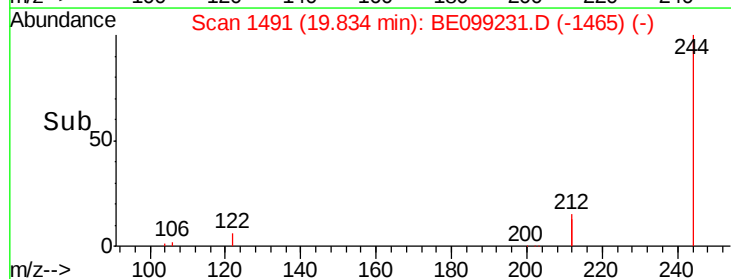
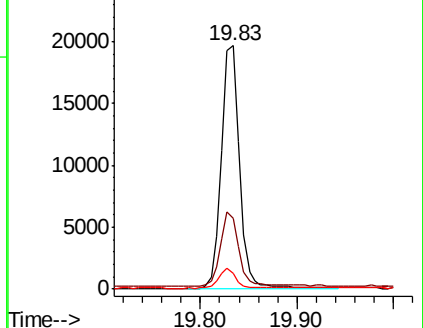
122 6.7 5.8 8.6

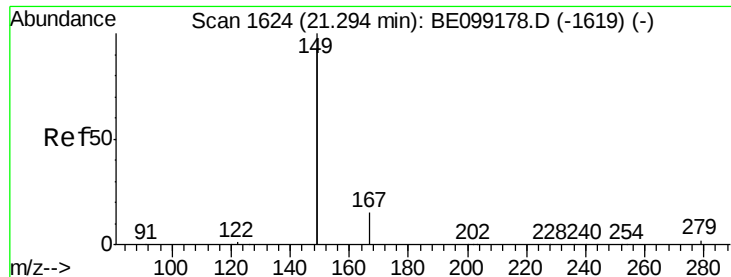


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

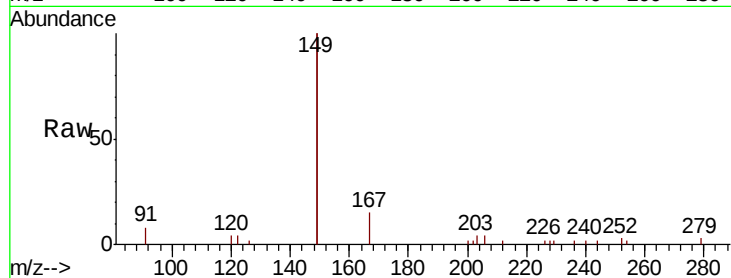




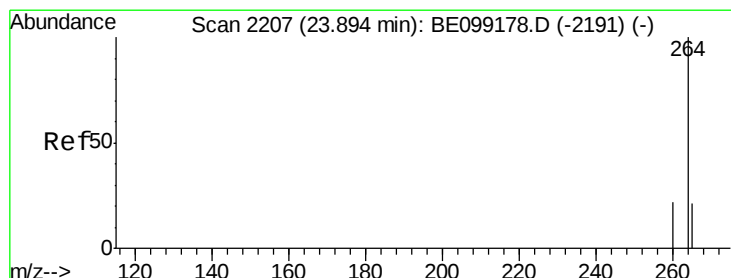
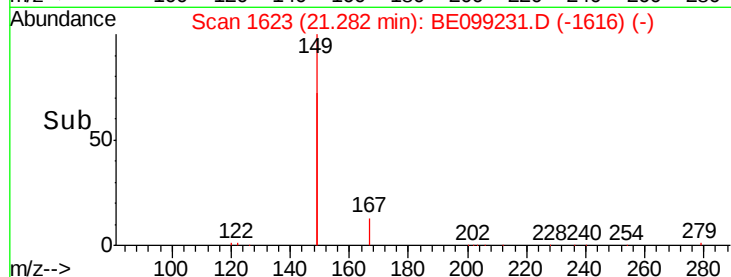
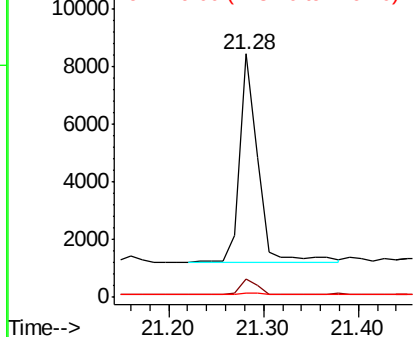
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099231.D
 Acq: 27 Mar 2019 1:07

Instrument :
 BNA_E
 ClientSampleId :
 VILLAGE-WELL02-01

Tgt Ion:149 Resp: 9587
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.9 8.9
 279 1.1 1.0 1.6

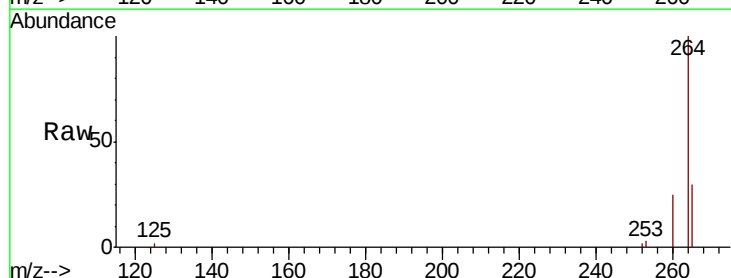


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE099231.D
 Acq: 27 Mar 2019 1:07

Tgt Ion:264 Resp: 27587
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.2 27.2
 265 30.0 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

