

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070819\
 Data File : BE100408.D
 Acq On : 8 Jul 2019 12:36
 Operator : JU/SJ
 Sample : PB121046BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 08 15:25:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 15:19:44 2019
 Response via : Initial Calibration

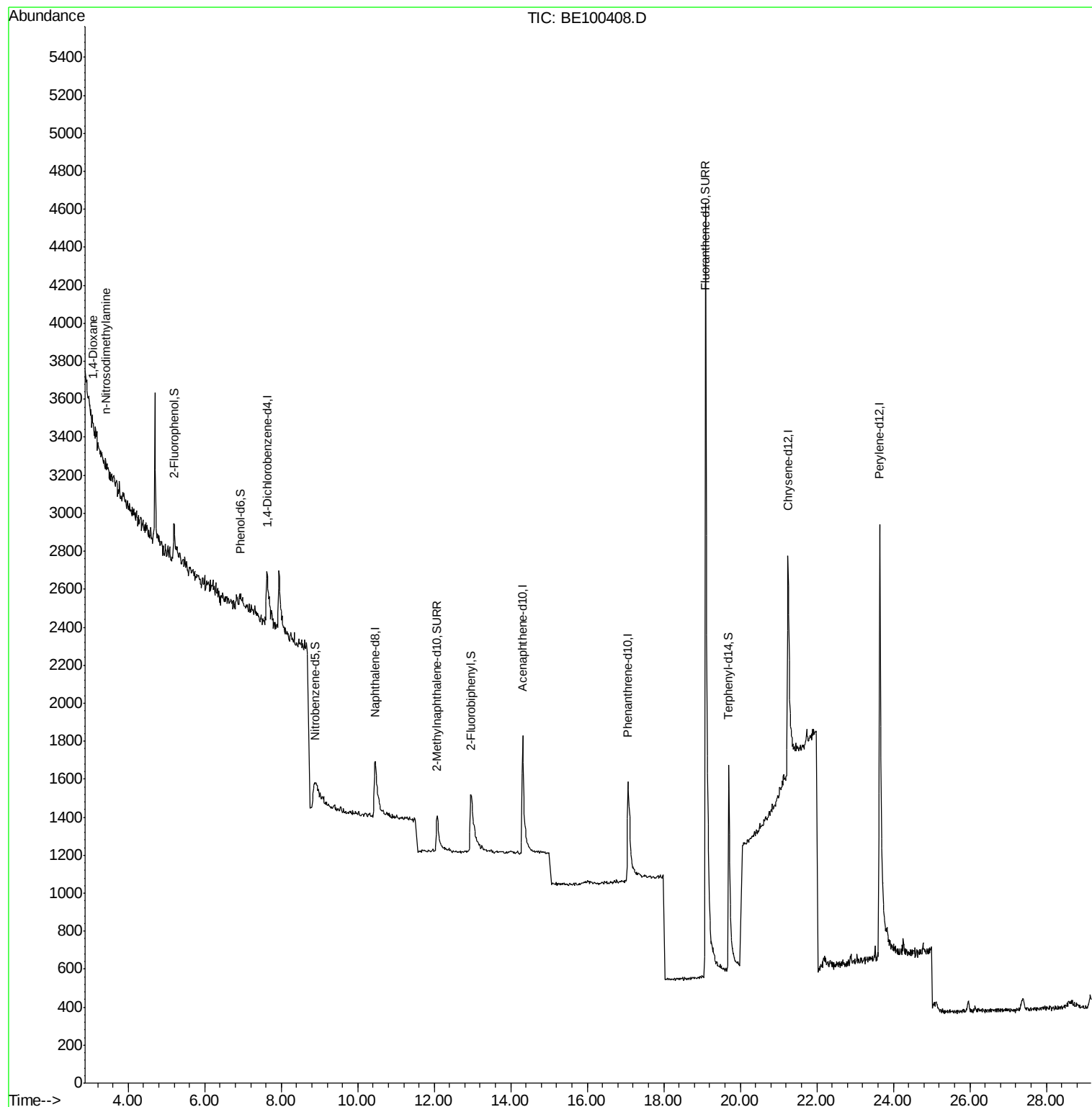
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	354	0.40	ng	0.02
7) Naphthalene-d8	10.45	136	1182	0.40	ng	0.03
13) Acenaphthene-d10	14.31	164	817	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	2443	0.40	ng	0.03
27) Chrysene-d12	21.25	240	3311	0.40	ng	0.01
34) Perylene-d12	23.65	264	5773	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	303	0.34	ng	0.00
5) Phenol-d6	6.93	99	309	0.26	ng	0.08
8) Nitrobenzene-d5	8.89	82	235	0.20	ng	0.08
11) 2-Methylnaphthalene-d10	12.08	152	781	0.35	ng	0.04
14) 2,4,6-Tribromophenol	15.78	330	2	0.00	ng	-0.03
15) 2-Fluorobiphenyl	12.96	172	1208	0.38	ng	0.03
25) Fluoranthene-d10	19.09	212	13518	0.38	ng	0.01
29) Terphenyl-d14	19.70	244	2615	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	17	0.031	ng	# 35
3) n-Nitrosodimethylamine	3.42	42	17	0.066	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.14	149	206	Below Cal		# 96

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

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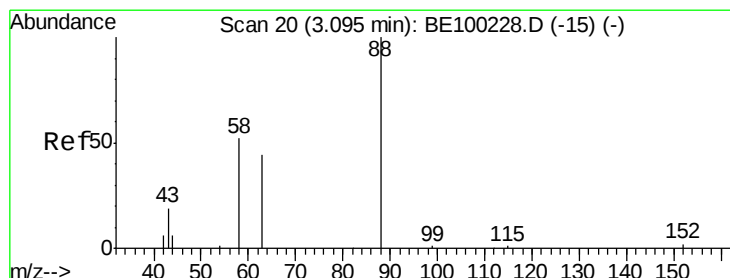
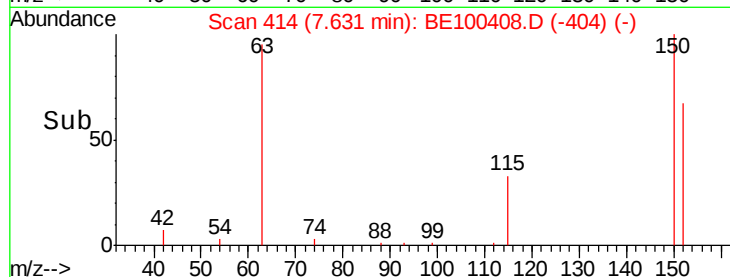
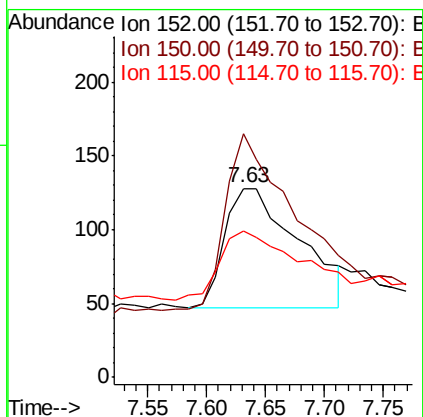
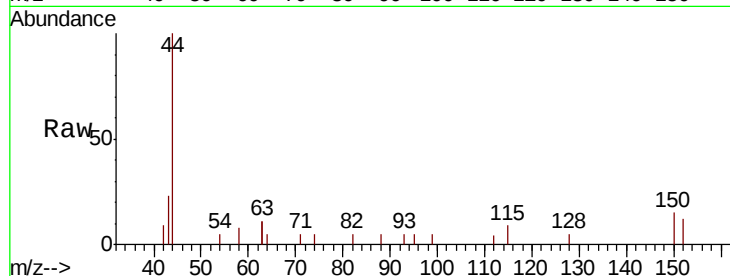


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. 0.02 min
Lab File: BE100408.D
Acq: 8 Jul 2019 12:36

Instrument :
BNA_E
ClientSampled :

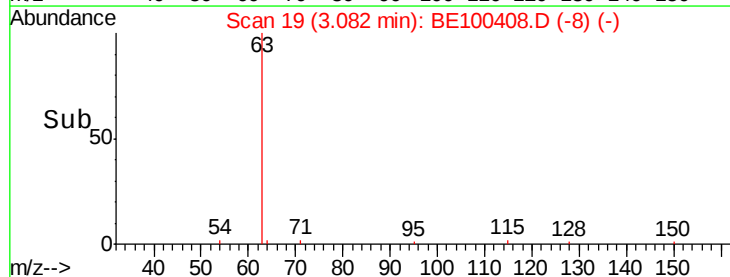
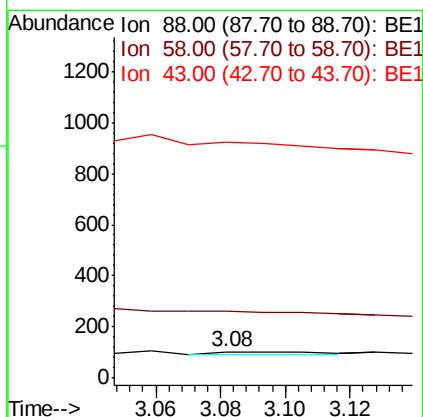
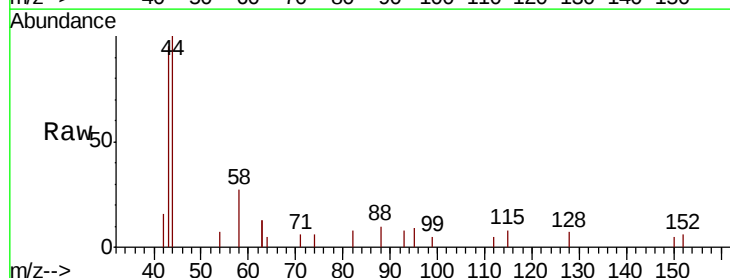
Tot Ion:152 Resp: 354
Ion Ratio Lower Upper
152 100
150 128.9 99.6 149.4
115 77.3 61.4 92.0



#2

1,4-Dioxane
Concen: 0.031 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.03 min
Lab File: BE100408.D
Acq: 8 Jul 2019 12:36

Tgt Ion: 88 Resp: 17
Ion Ratio Lower Upper
88 100
58 0.0 38.5 57.7#
43 0.0 23.8 35.8#





#3

n-Nitrosodimethylamine

Concen: 0.066 ng

RT: 3.42 min Scan# 48

Delta R.T. -0.03 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

Instrument :

BNA_E

ClientSampleId :

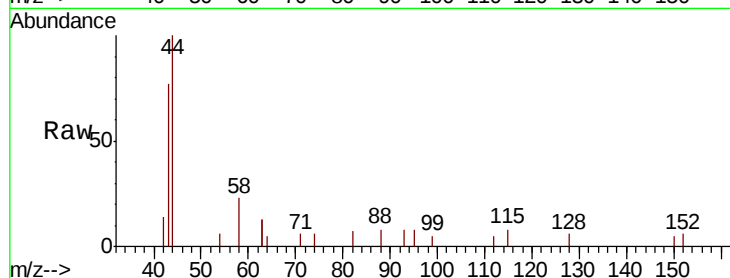
Tot Ion: 42 Resp: 17

Ion Ratio Lower Upper

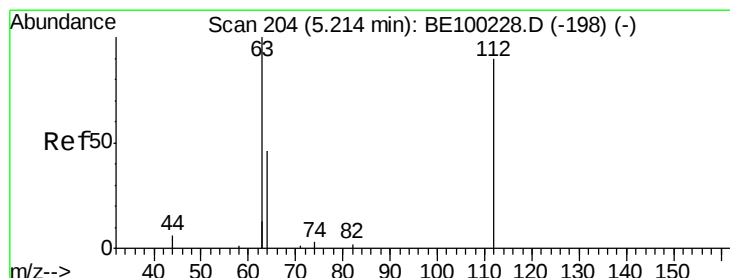
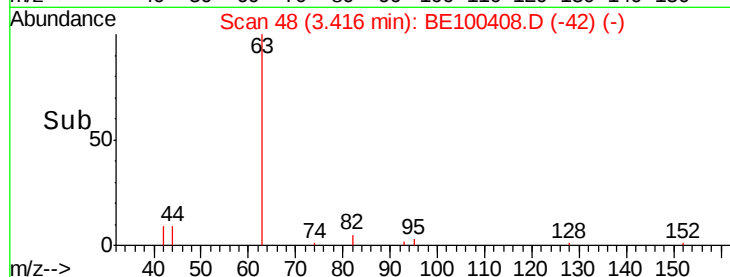
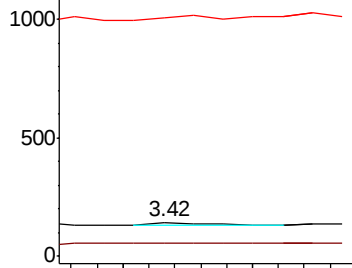
42 100

74 76.5 104.9 157.3#

44 182.4 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.336 ng

RT: 5.19 min Scan# 202

Delta R.T. 0.01 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

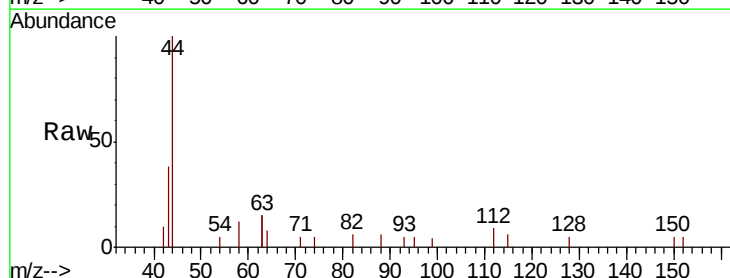
Tgt Ion: 112 Resp: 303

Ion Ratio Lower Upper

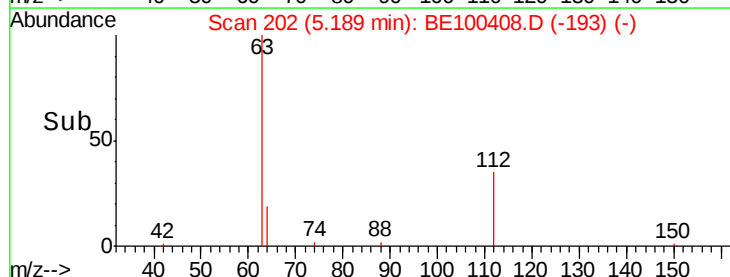
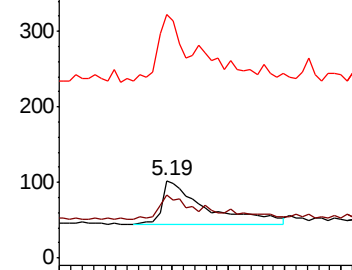
112 100

64 35.6 44.7 67.1#

63 76.6 89.9 134.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.260 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.08 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

Instrument :

BNA_E

ClientSampled :

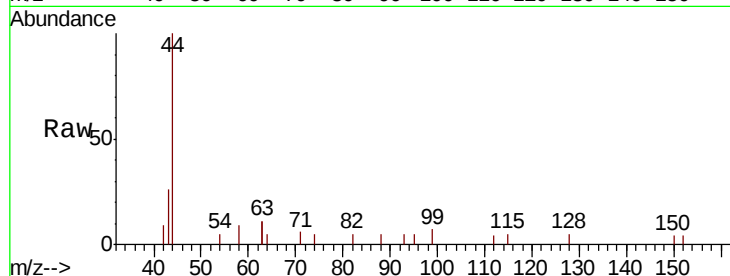
Tot Ion: 99 Resp: 309

Ion Ratio Lower Upper

99 100

42 5.2 0.0 0.0#

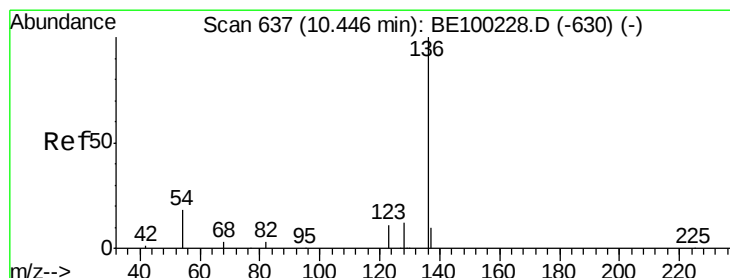
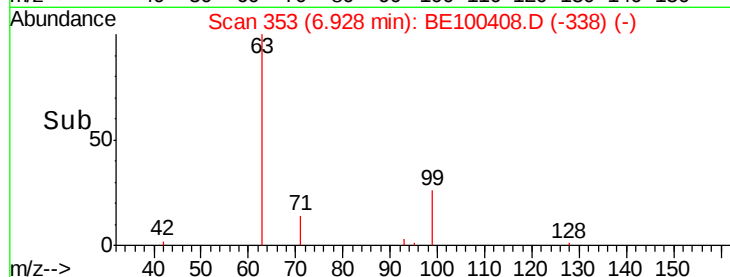
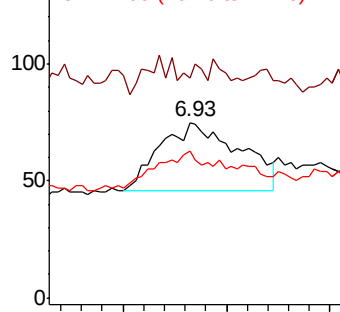
71 40.5 34.6 51.8



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. 0.03 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

Tgt Ion: 136 Resp: 1182

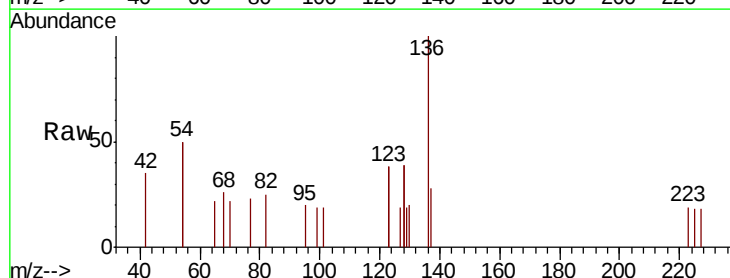
Ion Ratio Lower Upper

136 100

137 27.9 17.4 26.2#

54 99.2 59.0 88.4#

68 26.2 14.0 21.0#

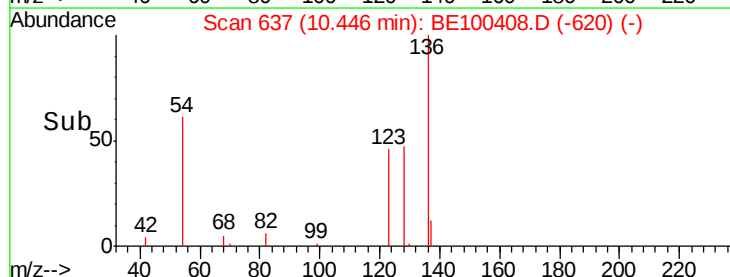
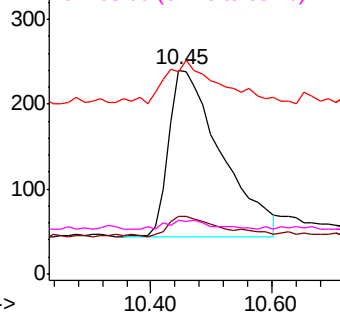


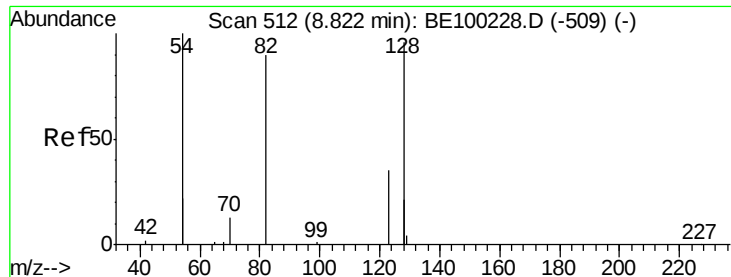
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.200 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.08 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

Instrument :

BNA_E

ClientSampleId :

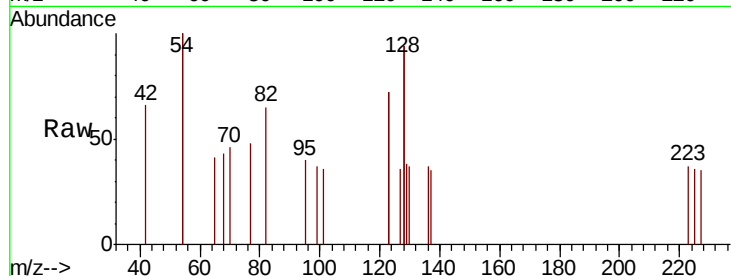
Tot Ion: 82 Resp: 235

Ion Ratio Lower Upper

82 100

128 290.2 190.6 285.8#

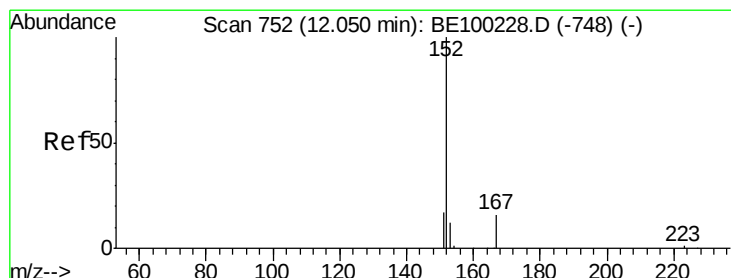
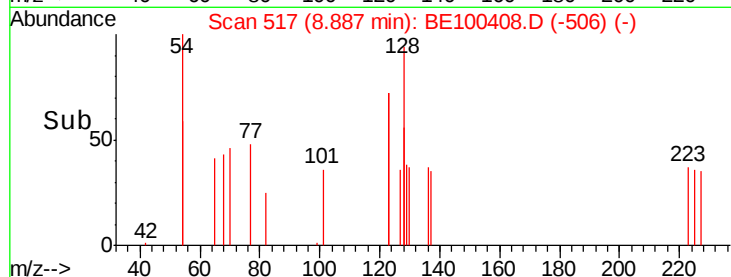
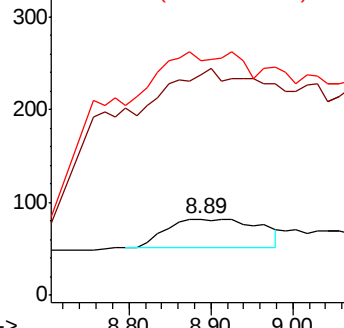
54 307.3 201.5 302.3#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.08 min Scan# 754

Delta R.T. 0.04 min

Lab File: BE100408.D

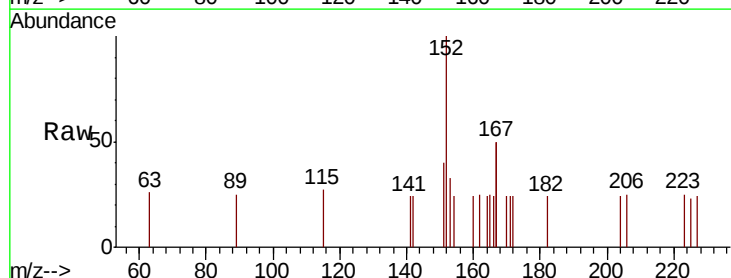
Acq: 8 Jul 2019 12:36

Tgt Ion: 152 Resp: 781

Ion Ratio Lower Upper

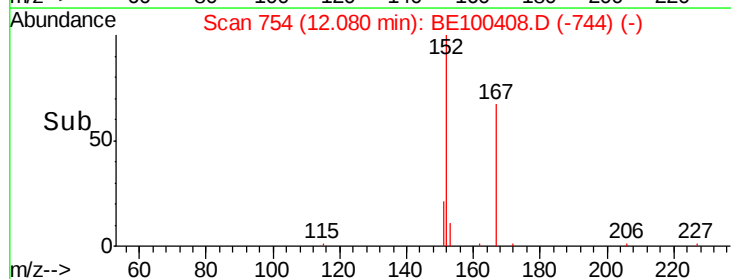
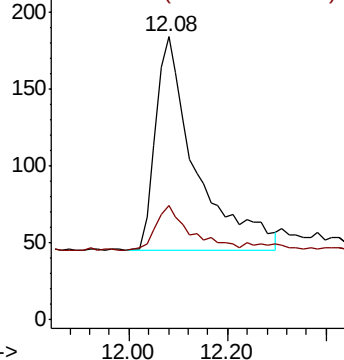
152 100

151 18.1 16.8 25.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

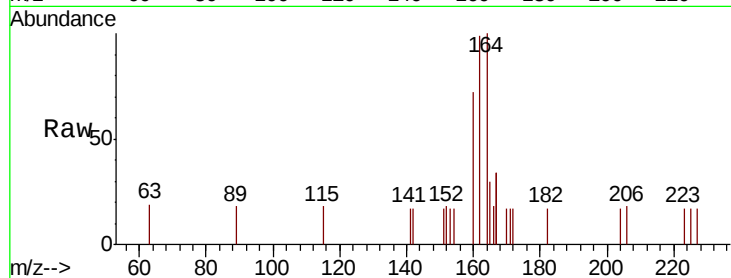




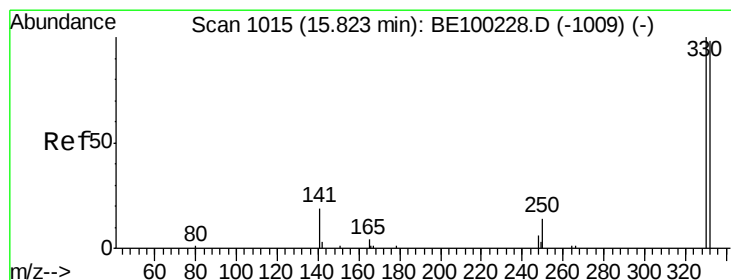
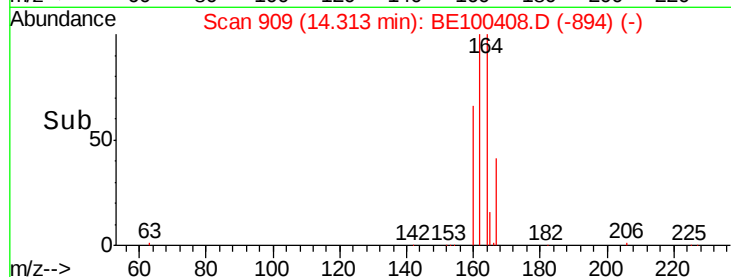
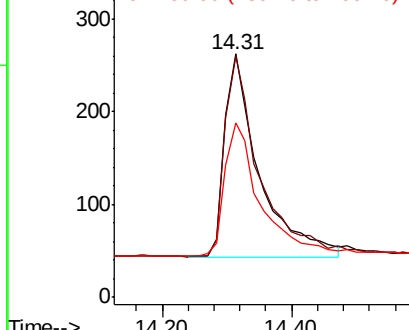
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE100408.D
 Acq: 8 Jul 2019 12:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 817
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.9 118.3
 160 71.8 53.7 80.5

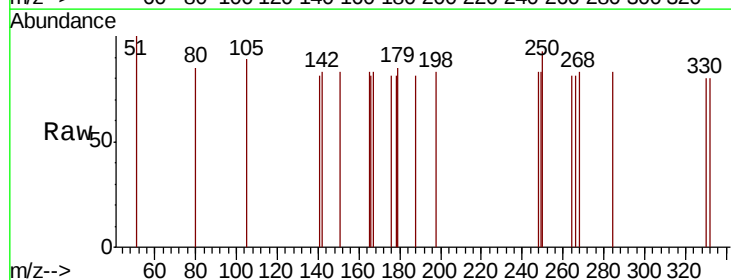


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

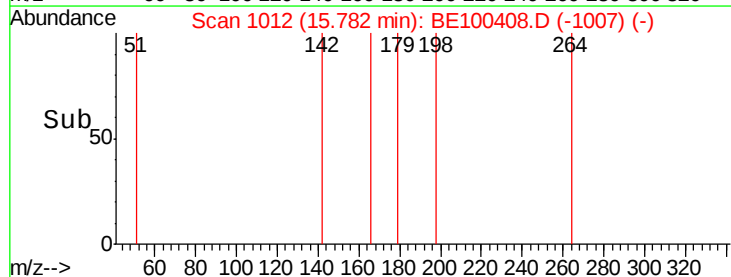
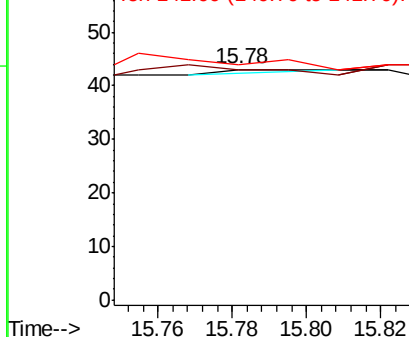


#14
 2,4,6-Tribromophenol
 Concen: 0.003 ng
 RT: 15.78 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BE100408.D
 Acq: 8 Jul 2019 12:36

Tgt Ion:330 Resp: 2
 Ion Ratio Lower Upper
 330 100
 332 150.0 75.0 112.4#
 141 0.0 19.0 28.6#



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

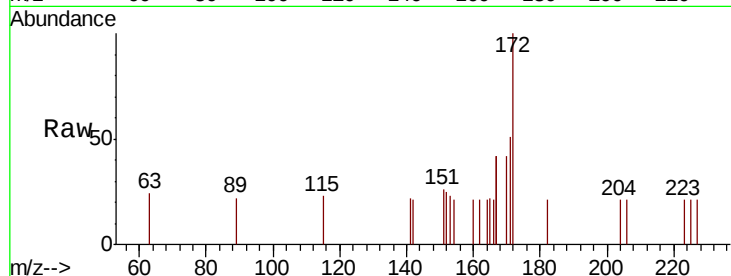




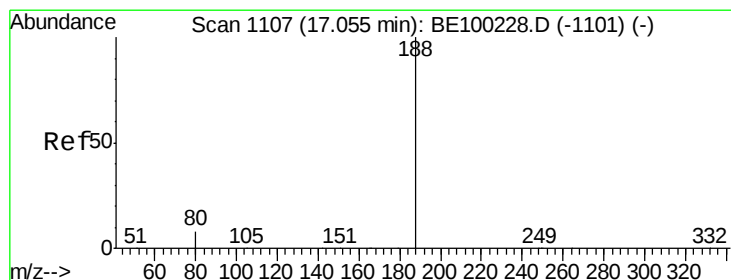
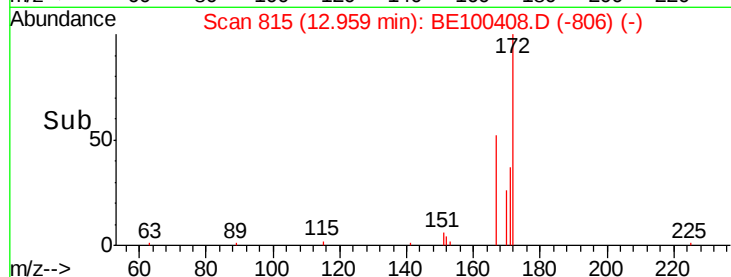
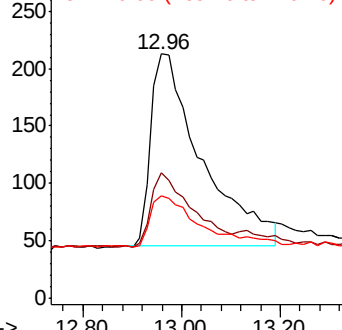
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.03 min
Lab File: BE100408.D
Acq: 8 Jul 2019 12:36

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 1208
Ion Ratio Lower Upper
172 100
171 51.2 33.2 49.8#
170 41.8 25.9 38.9#

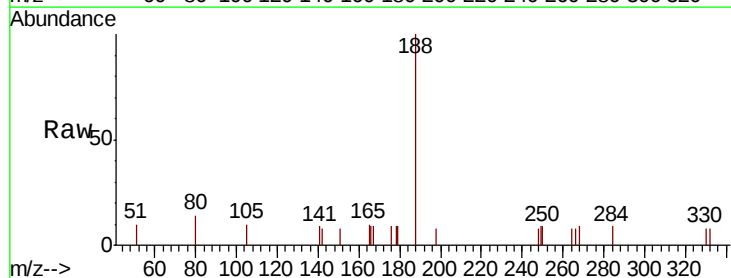


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

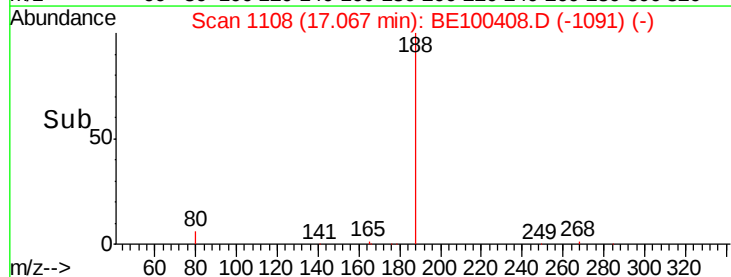
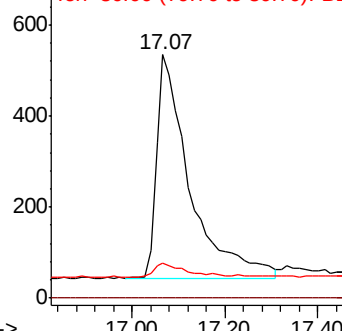


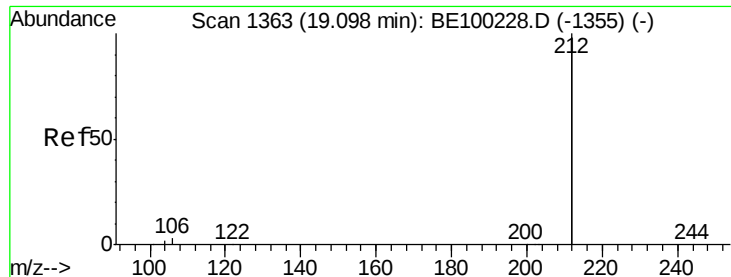
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.03 min
Lab File: BE100408.D
Acq: 8 Jul 2019 12:36

Tgt Ion:188 Resp: 2443
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 8.8 13.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

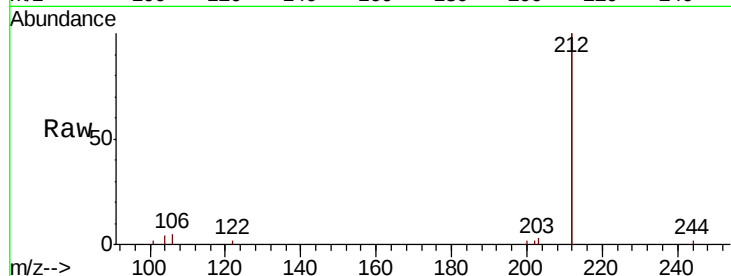




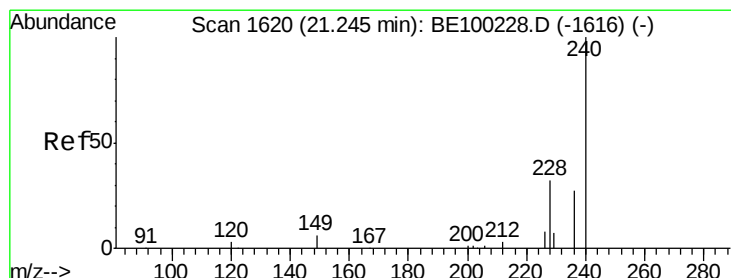
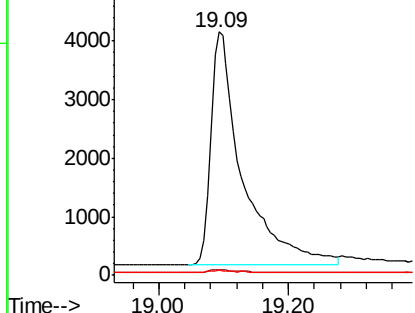
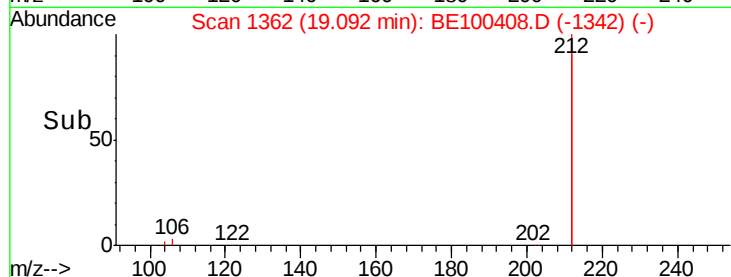
#25
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.09 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BE100408.D
Acq: 8 Jul 2019 12:36

Instrument :
BNA_E
ClientSampled :

Tot Ion:212 Resp: 13518
Ion Ratio Lower Upper
212 100
106 1.2 1.0 1.4
104 0.6 0.6 1.0

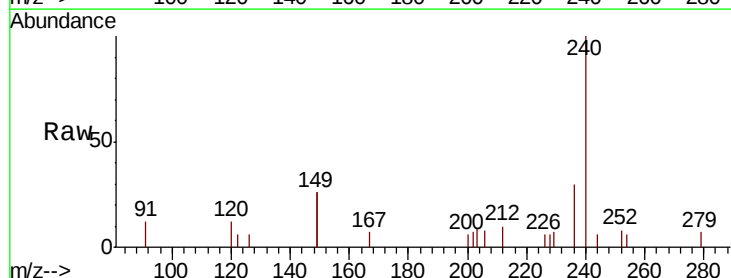


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

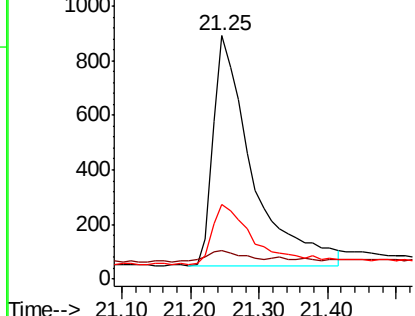
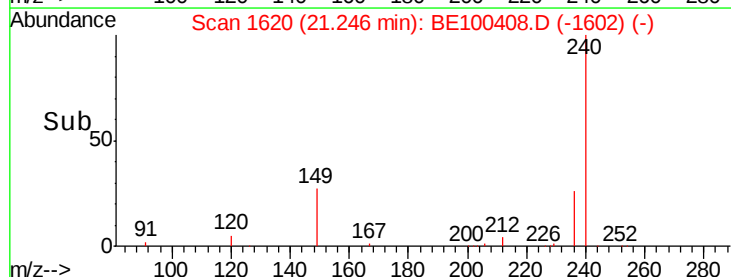


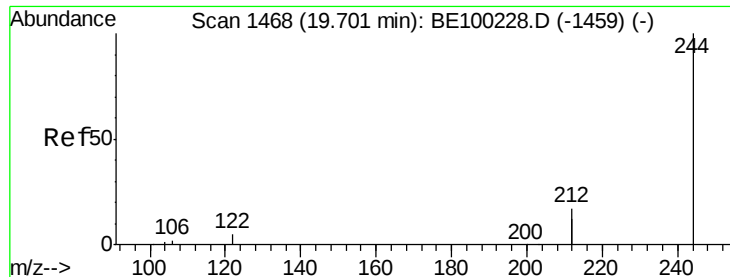
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BE100408.D
Acq: 8 Jul 2019 12:36

Tgt Ion:240 Resp: 3311
Ion Ratio Lower Upper
240 100
120 11.9 5.4 8.2#
236 30.5 23.2 34.8



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: 0.381 ng

RT: 19.70 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

Instrument :

BNA_E

ClientSampleId :

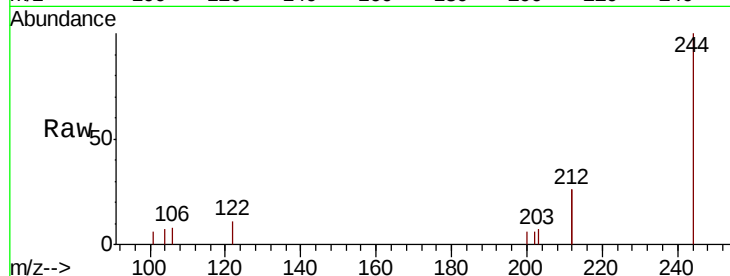
Tot Ion:244 Resp: 2615

Ion Ratio Lower Upper

244 100

212 52.5 33.0 49.6#

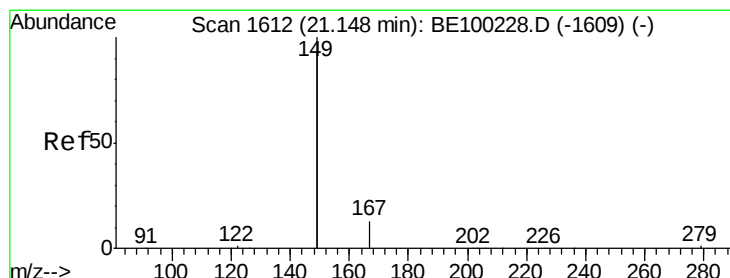
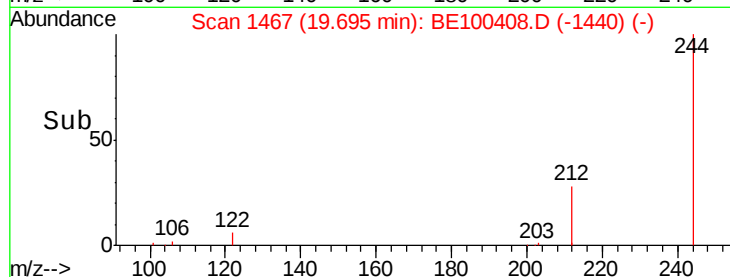
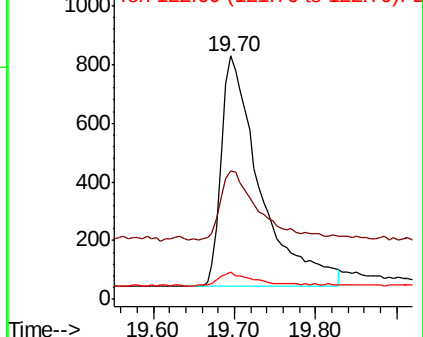
122 11.0 5.8 8.8#



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: Below Cal

RT: 21.14 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

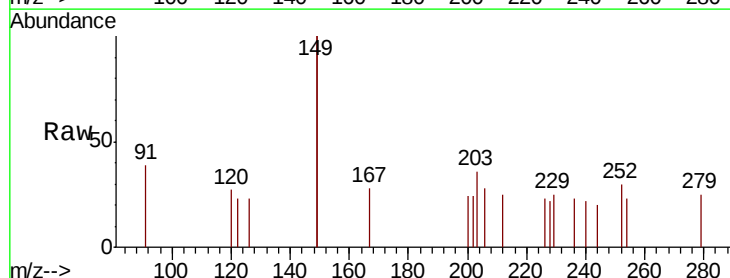
Tgt Ion:149 Resp: 206

Ion Ratio Lower Upper

149 100

167 5.8 5.7 8.5

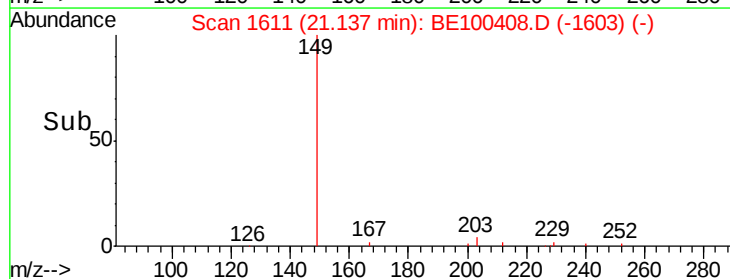
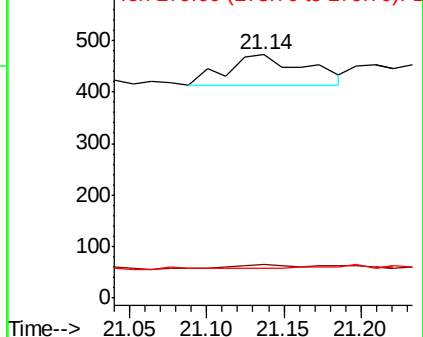
279 0.0 1.4 2.0#

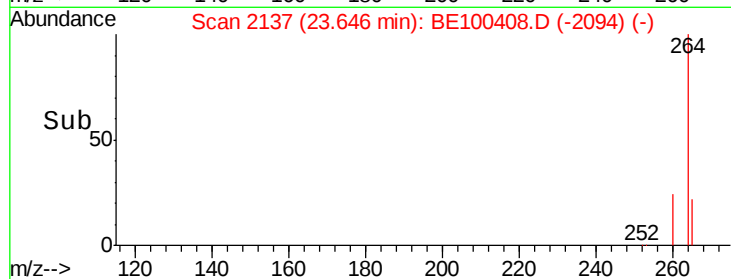
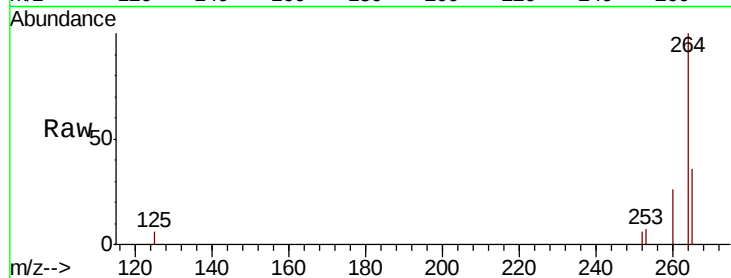
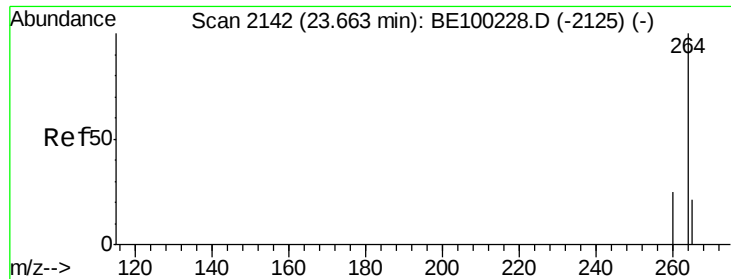


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.65 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BE100408.D

Acq: 8 Jul 2019 12:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 5773

Ion Ratio Lower Upper

264 100

260 26.5 22.0 33.0

265 36.3 26.0 39.0

