

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098354.D
 Acq On : 12 Dec 2018 4:48
 Operator : SJ/JU
 Sample : J6314-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:26:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

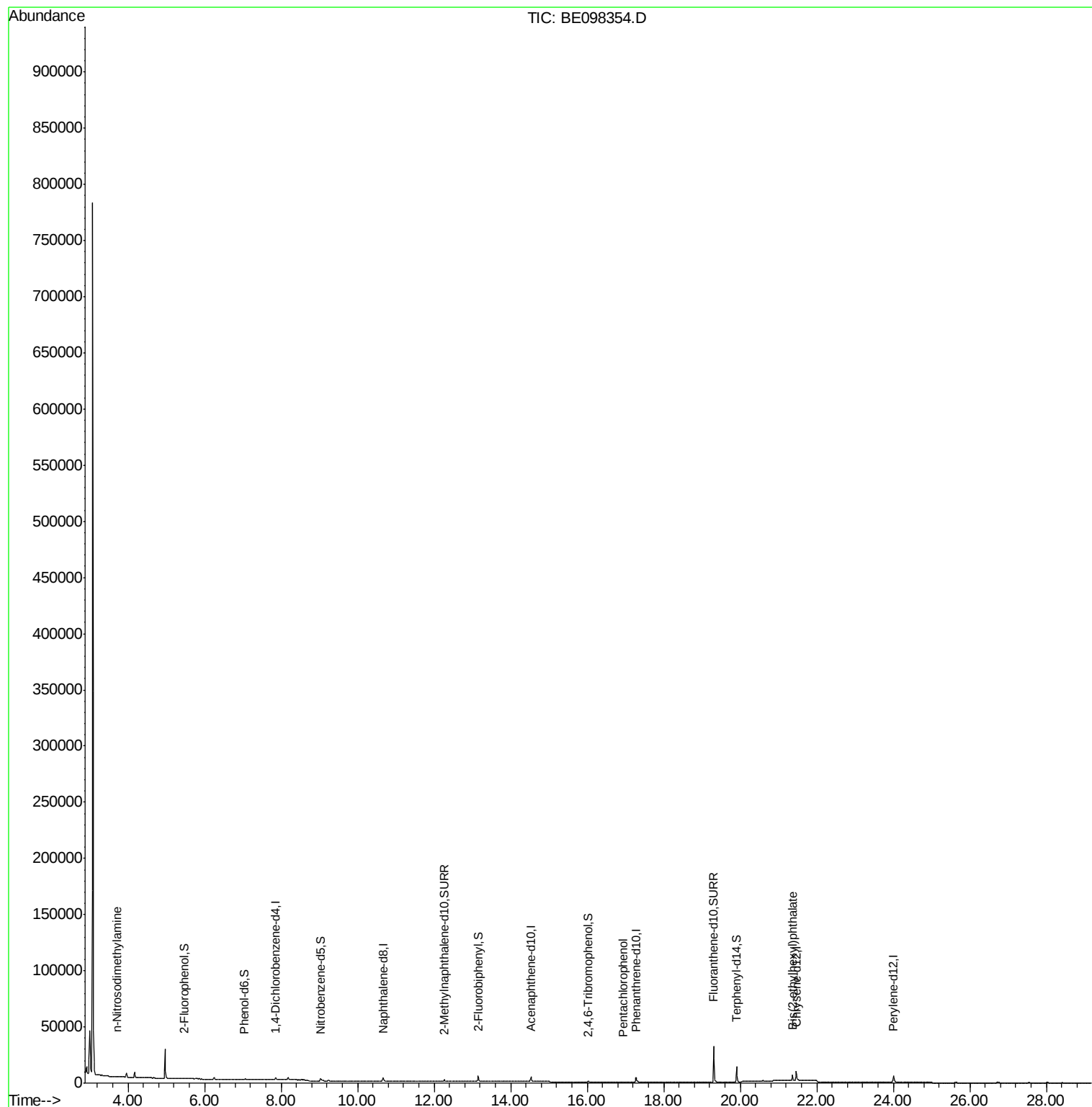
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1113	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4746	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3016	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8310	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10106	0.40	ng	0.00
34) Perylene-d12	24.01	264	9674	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	467	0.18	ng	0.00
5) Phenol-d6	7.04	99	335	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	1850	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3324	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	506	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6310	0.50	ng	0.00
25) Fluoranthene-d10	19.31	212	48797	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	13567	0.55	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	49	0.028	ng	# 100
22) Pentachlorophenol	16.94	266	27	0.053	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.37	149	6104	0.104	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

Instrument :

BNA_E

ClientSampleId :

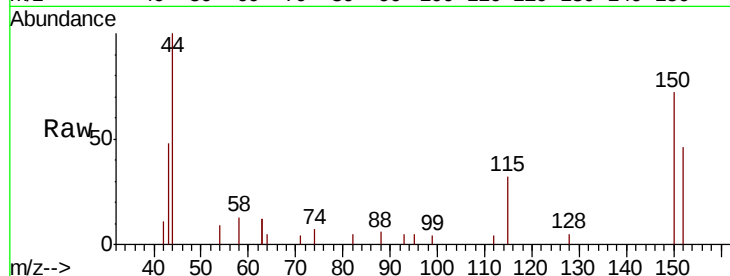
Tot Ion:152 Resp: 1113

Ion Ratio Lower Upper

152 100

150 157.4 124.2 186.4

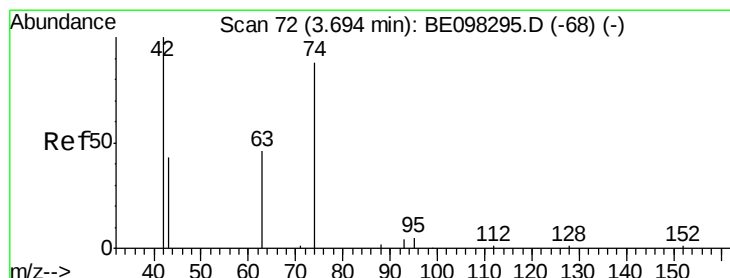
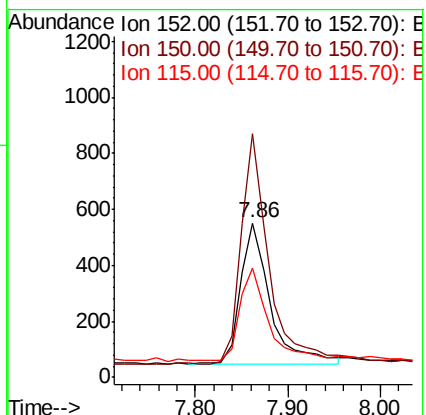
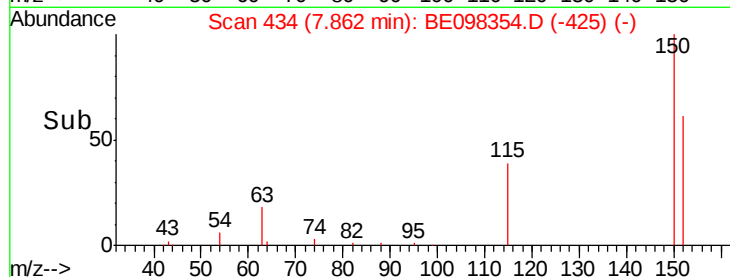
115 70.5 53.9 80.9



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



#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

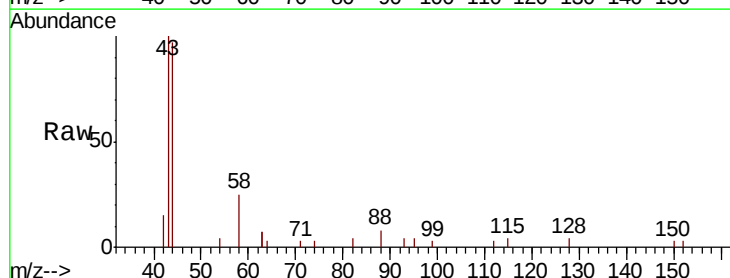
Tgt Ion: 42 Resp: 49

Ion Ratio Lower Upper

42 100

74 24.5 0.0 0.0#

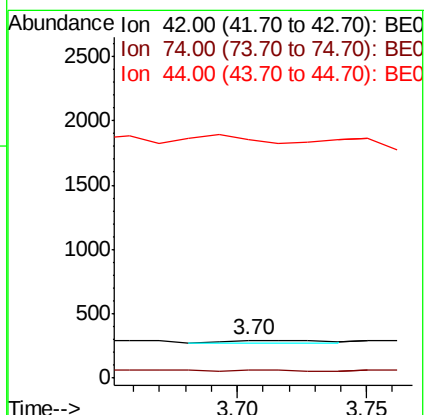
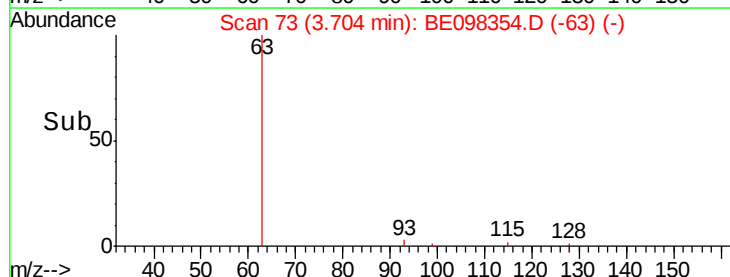
44 210.2 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.179 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

Instrument :

BNA_E

ClientSampleId :

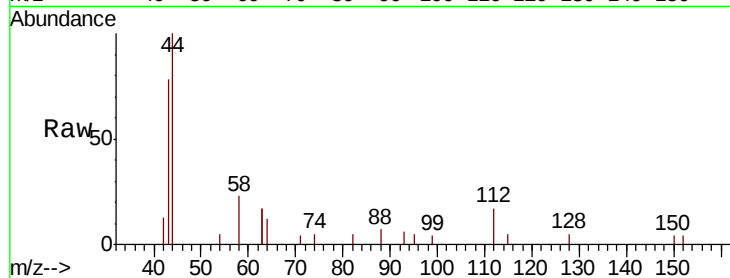
Tot Ion: 112 Resp: 467

Ion Ratio Lower Upper

112 100

64 69.8 59.8 89.8

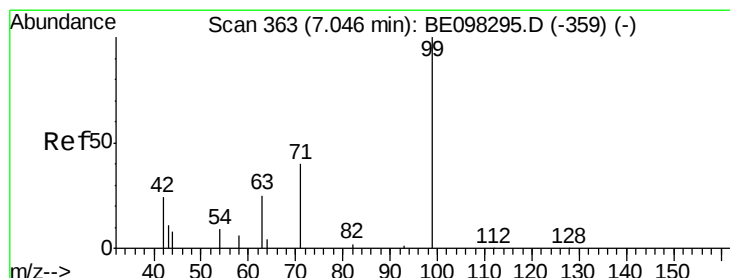
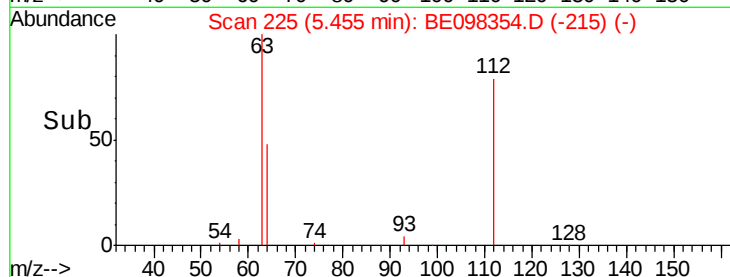
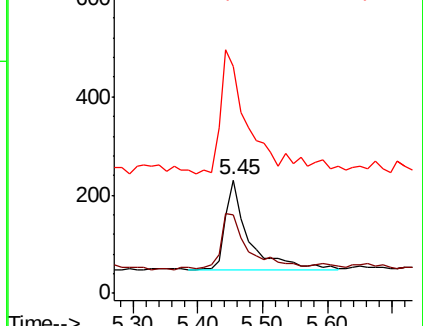
63 145.0 133.7 200.5



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: 0.091 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

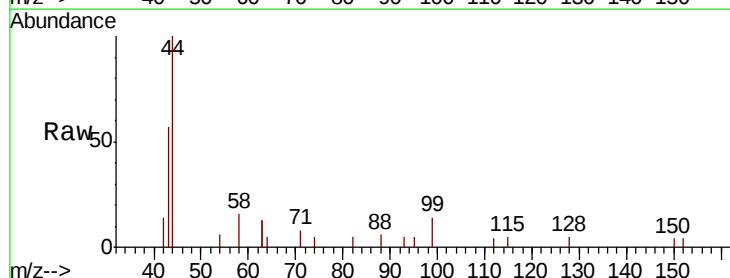
Tgt Ion: 99 Resp: 335

Ion Ratio Lower Upper

99 100

42 49.3 26.3 39.5#

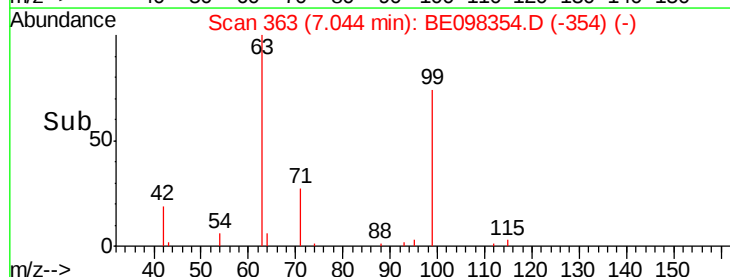
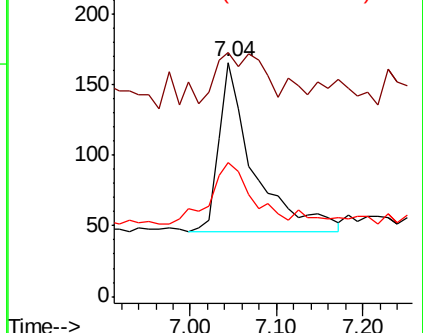
71 43.6 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4746

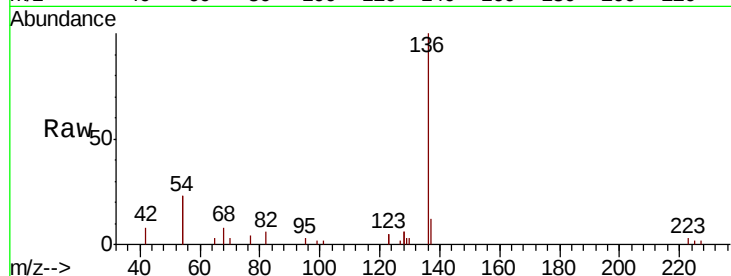
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 46.3 28.4 42.6#

68 8.2 5.4 8.0#

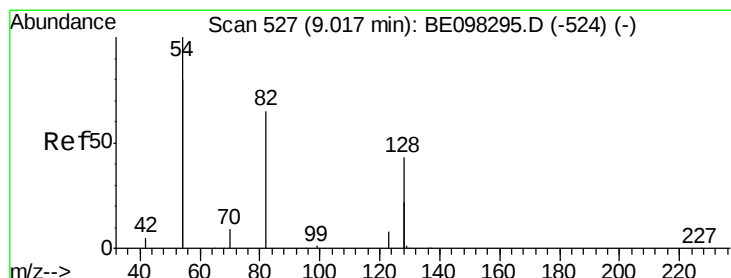
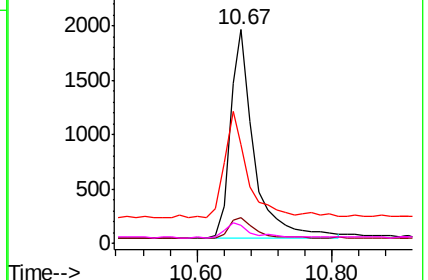
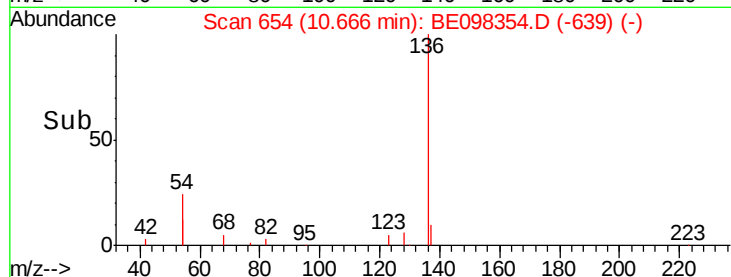


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.428 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

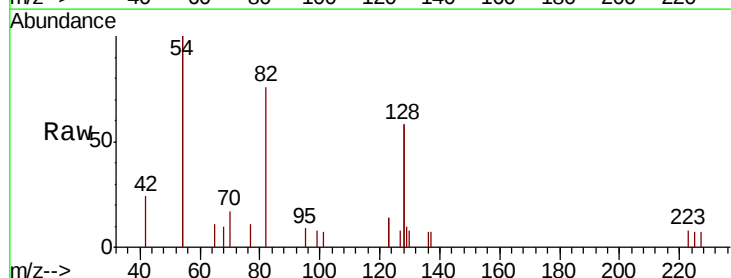
Tgt Ion: 82 Resp: 1850

Ion Ratio Lower Upper

82 100

128 151.4 102.4 153.6

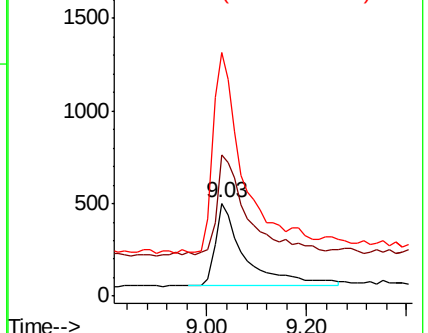
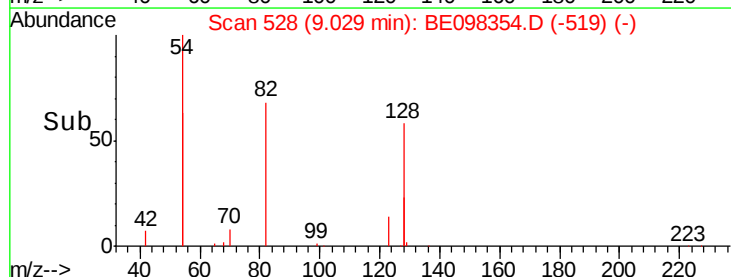
54 262.2 221.8 332.8

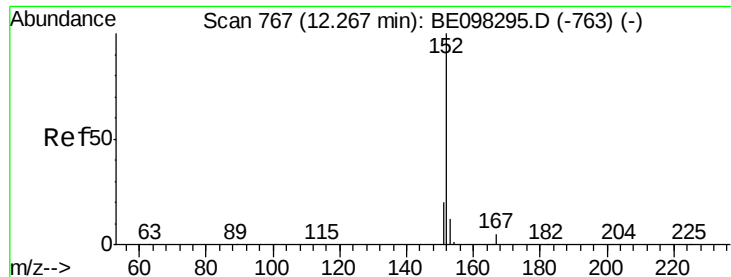


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

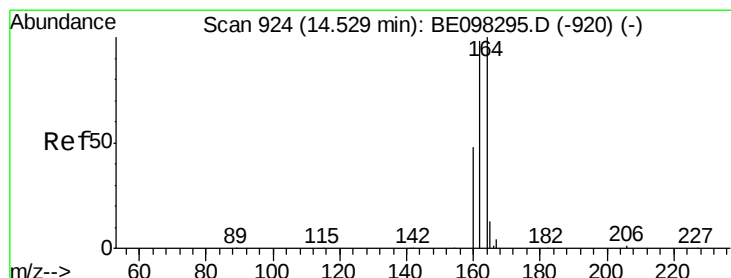
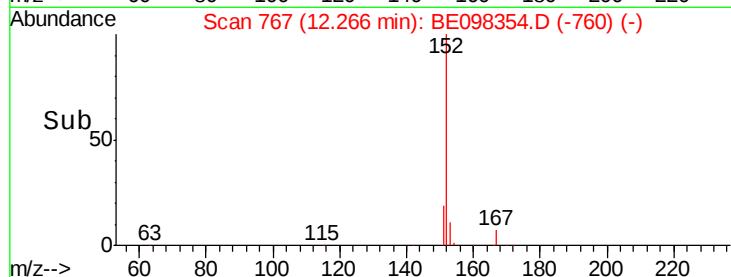
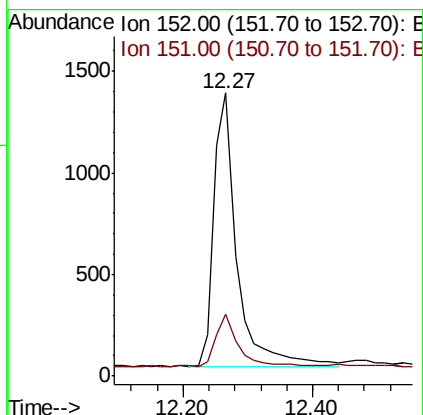
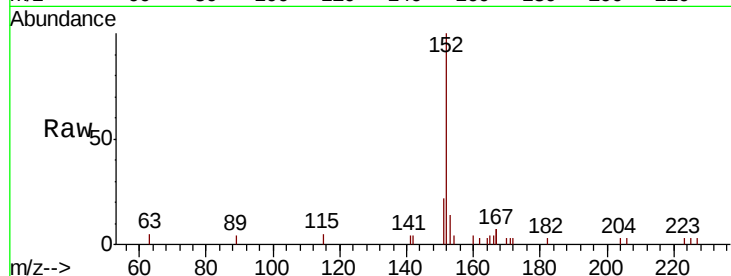




#11
 2-Methylnaphthalene-d10
 Concen: 0.431 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098354.D
 Acq: 12 Dec 2018 4:48

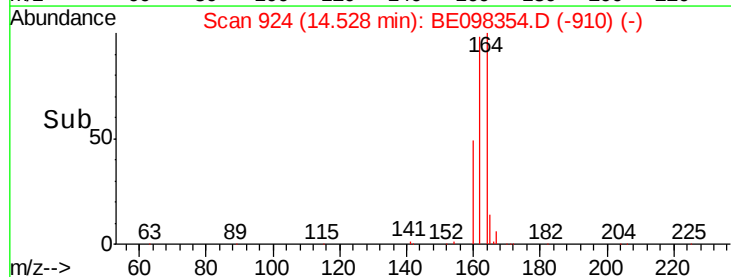
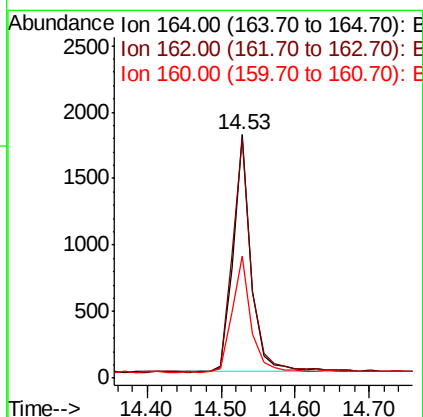
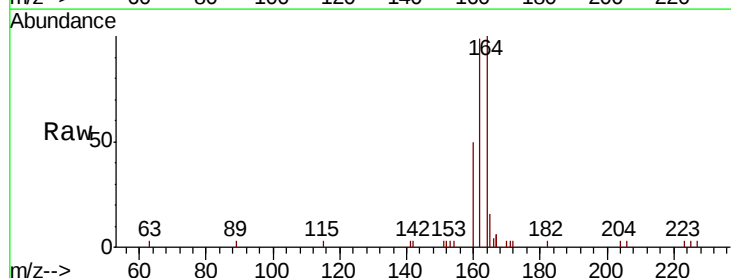
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 3324
 Ion Ratio Lower Upper
 152 100
 151 17.6 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098354.D
 Acq: 12 Dec 2018 4:48

Tgt Ion:164 Resp: 3016
 Ion Ratio Lower Upper
 164 100
 162 98.6 77.6 116.4
 160 50.1 36.0 54.0

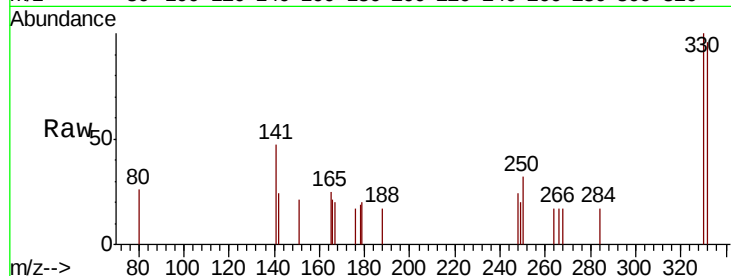




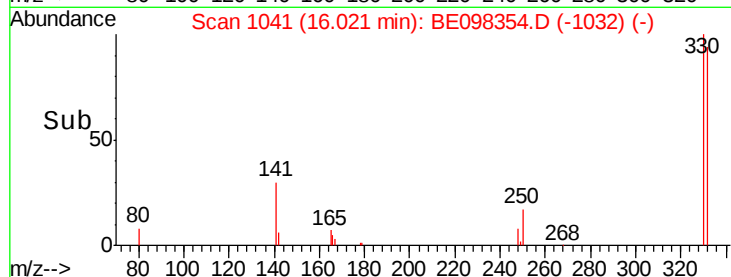
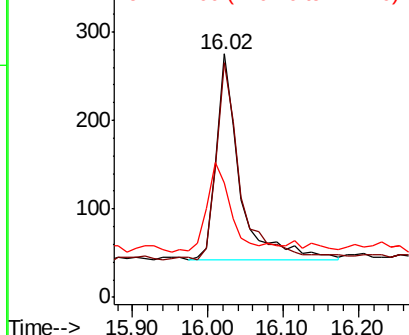
#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098354.D
Acq: 12 Dec 2018 4:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 506
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 45.5 39.0 58.4

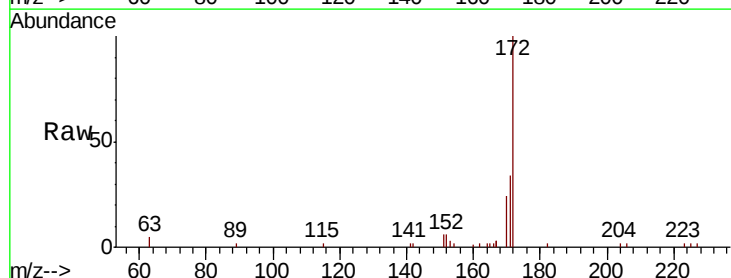


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

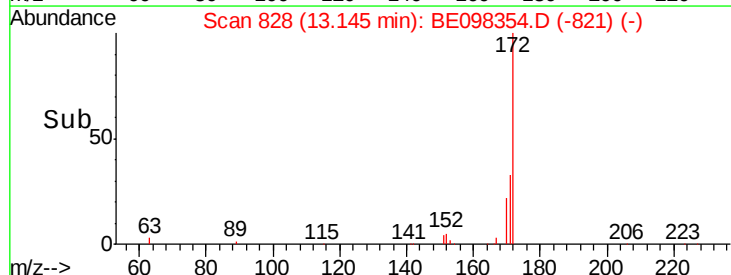
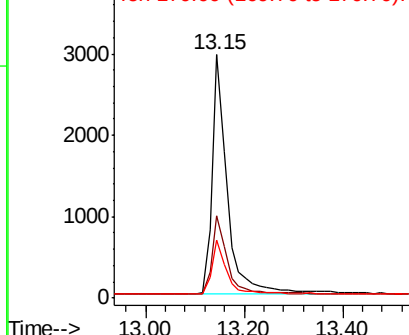


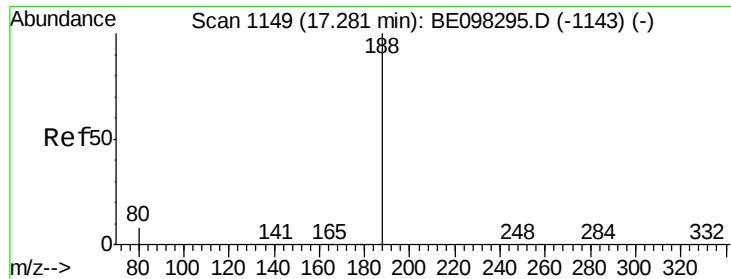
#15
2-Fluorobiphenyl
Concen: 0.496 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098354.D
Acq: 12 Dec 2018 4:48

Tgt Ion:172 Resp: 6310
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 23.6 19.6 29.4



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

Instrument :

BNA_E

ClientSampleId :

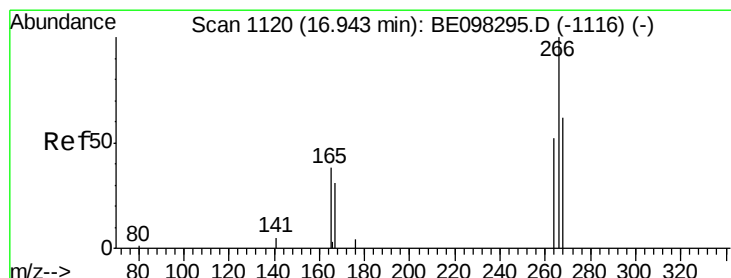
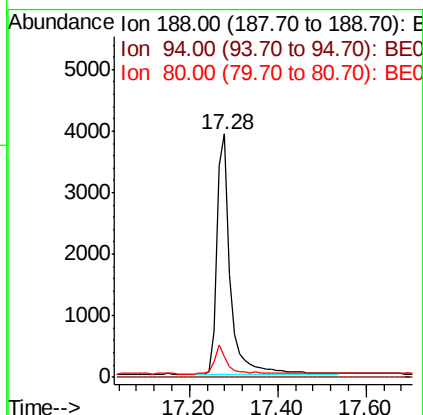
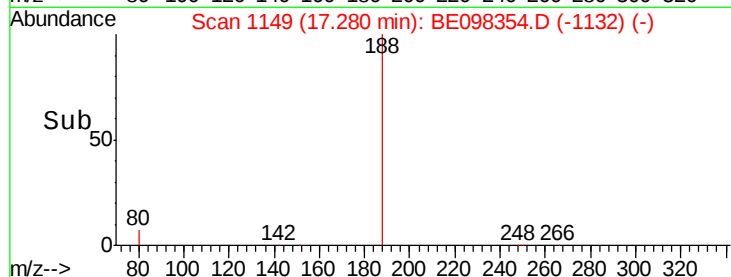
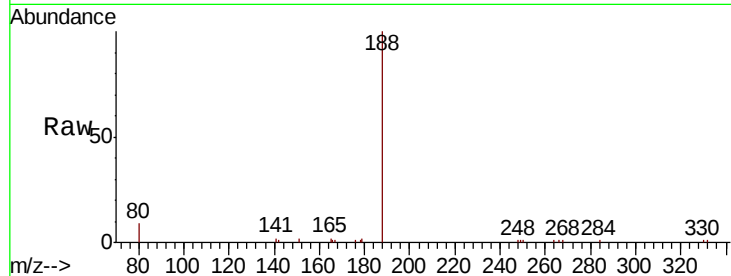
Tot Ion:188 Resp: 8310

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 7.2 10.8



#22

Pentachlorophenol

Concen: 0.053 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

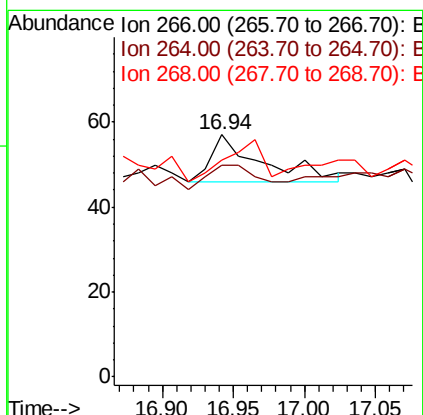
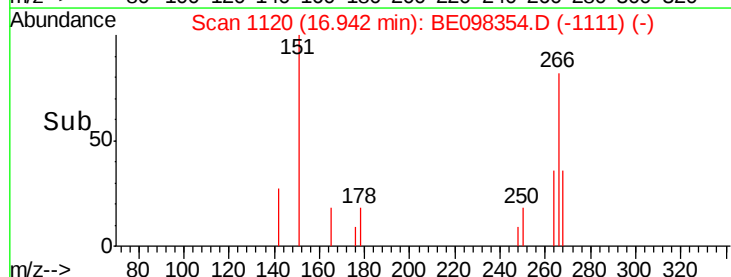
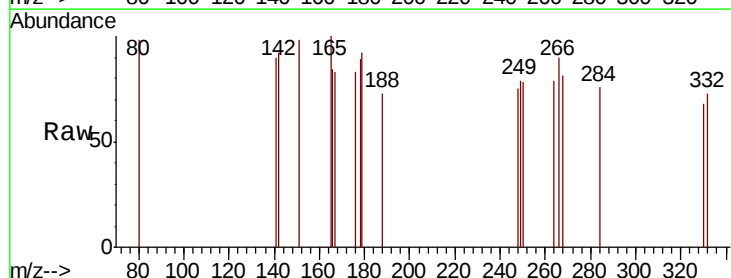
Tgt Ion:266 Resp: 27

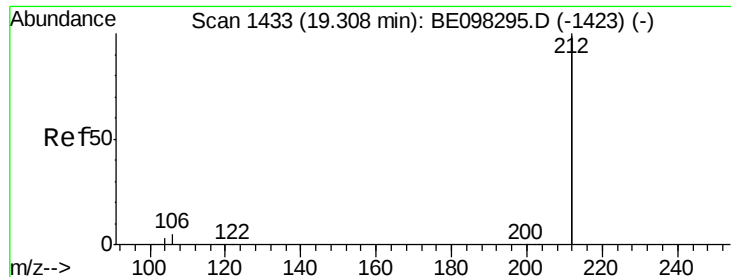
Ion Ratio Lower Upper

266 100

264 87.7 59.0 88.4

268 89.5 55.1 82.7#

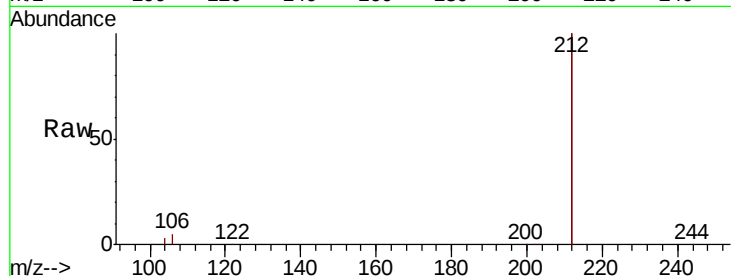




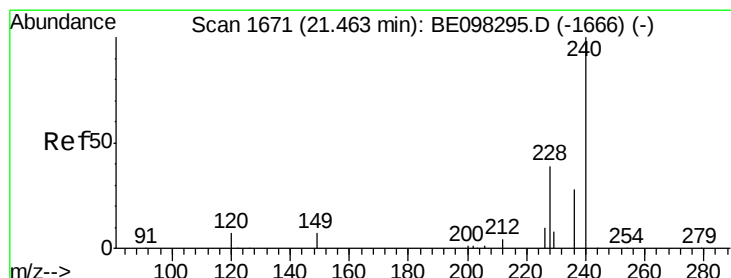
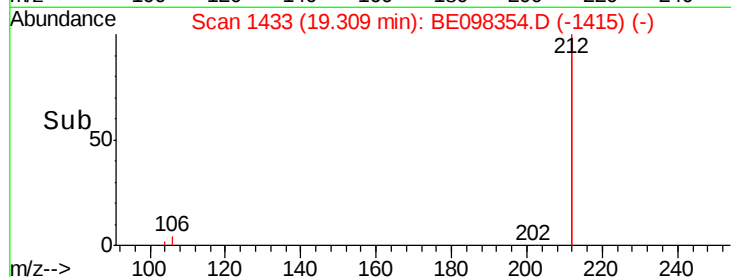
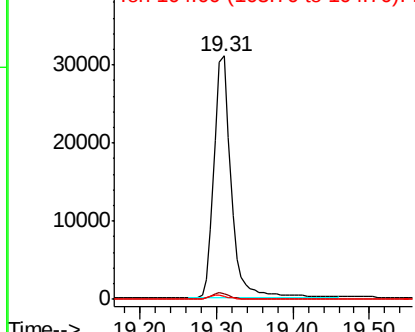
#25
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098354.D
Acq: 12 Dec 2018 4:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 48797
Ion Ratio Lower Upper
212 100
106 2.7 2.2 3.2
104 1.5 1.3 1.9

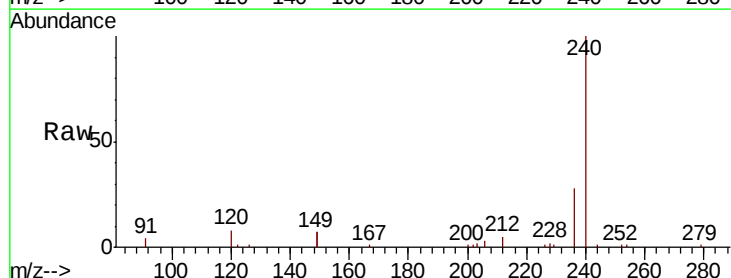


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

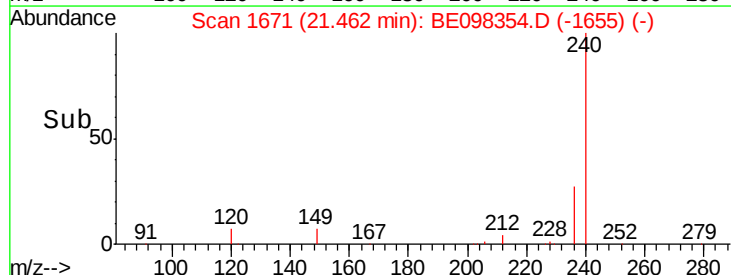
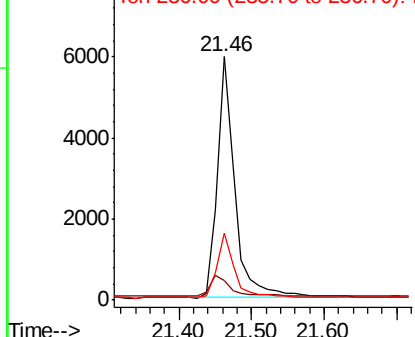


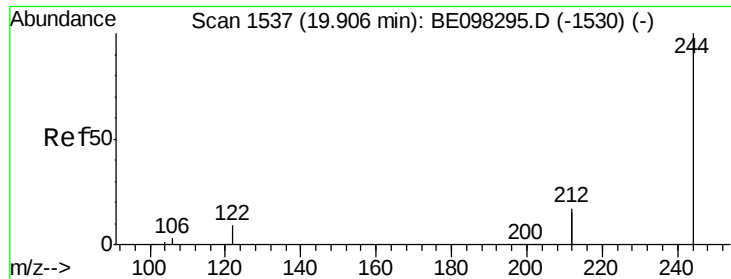
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098354.D
Acq: 12 Dec 2018 4:48

Tgt Ion:240 Resp: 10106
Ion Ratio Lower Upper
240 100
120 8.3 9.5 14.3#
236 27.6 22.7 34.1



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: 0.552 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

Instrument :

BNA_E

ClientSampleId :

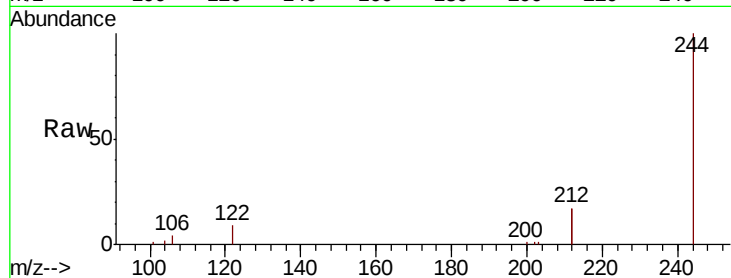
Tot Ion:244 Resp: 13567

Ion Ratio Lower Upper

244 100

212 34.3 27.4 41.0

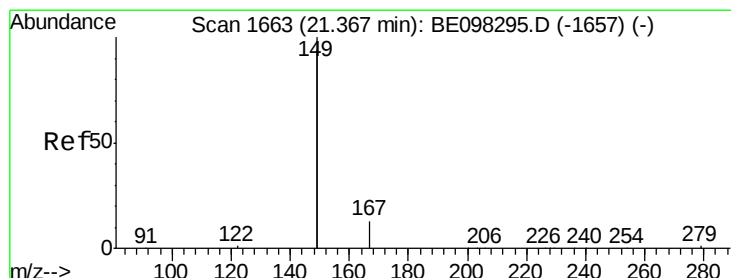
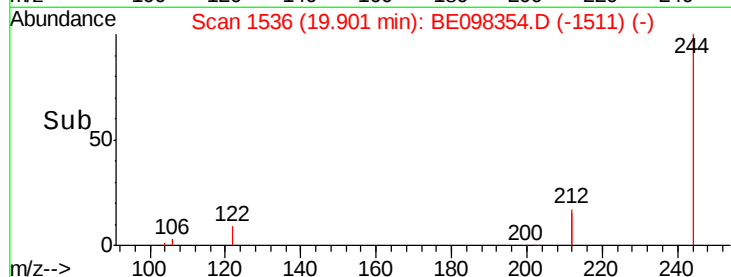
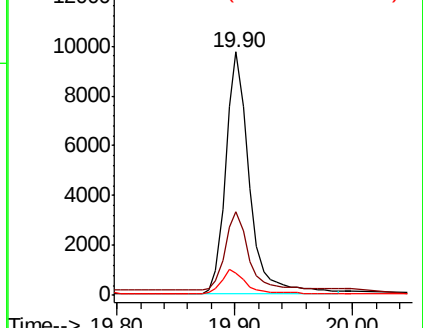
122 9.4 8.3 12.5



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: 0.104 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098354.D

Acq: 12 Dec 2018 4:48

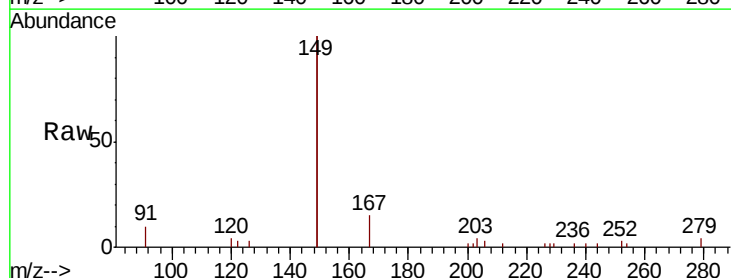
Tgt Ion:149 Resp: 6104

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

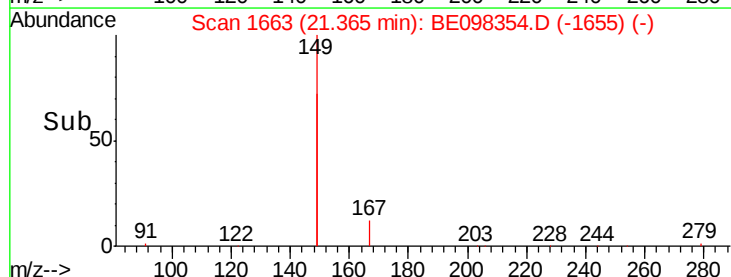
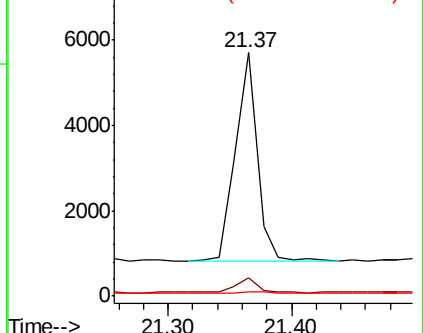
279 1.0 1.0 1.4

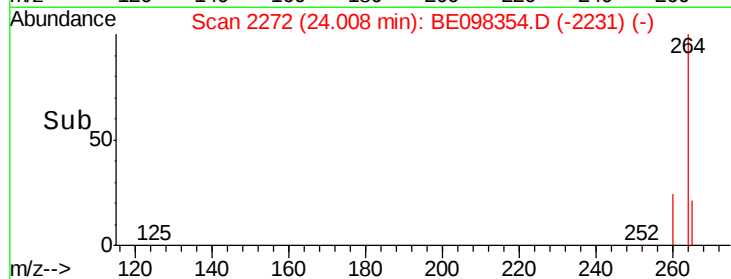
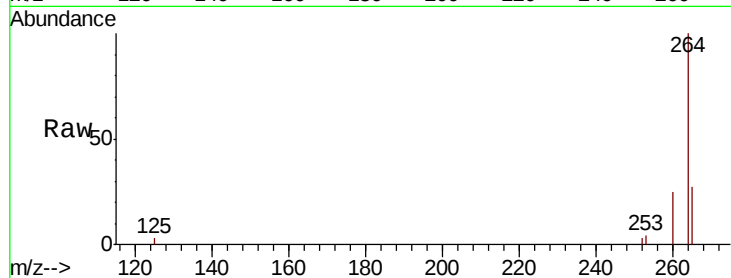


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098354.D
 Acq: 12 Dec 2018 4:48

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 9674
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 27.4 25.2 37.8

