

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098670.D
 Acq On : 18 Jan 2019 18:18
 Operator : SJ/JU
 Sample : K1136-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB 2019.01.11

Quant Time: Jan 18 21:21:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

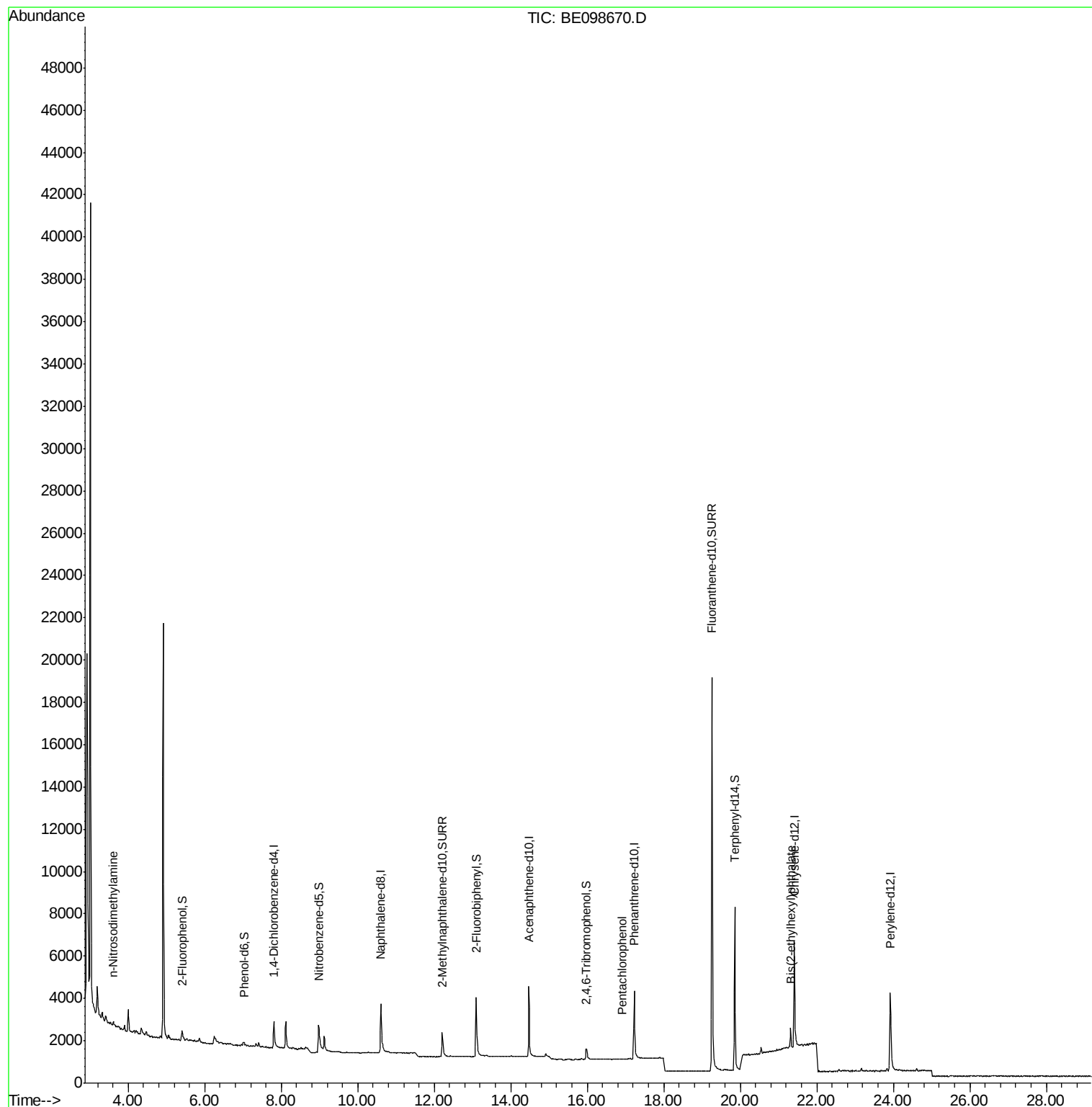
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	820	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3430	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2337	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5766	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6591	0.40	ng	0.00
34) Perylene-d12	23.92	264	6276	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	352	0.16	ng	0.01
5) Phenol-d6	7.02	99	310	0.10	ng	0.02
8) Nitrobenzene-d5	8.98	82	951	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2224	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	471	0.46	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4166	0.44	ng	0.01
25) Fluoranthene-d10	19.26	212	29219	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	7664	0.53	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.61	42	34	0.147	ng	# 41
22) Pentachlorophenol	16.92	266	10	0.210	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.32	149	1389	0.037	ng	97

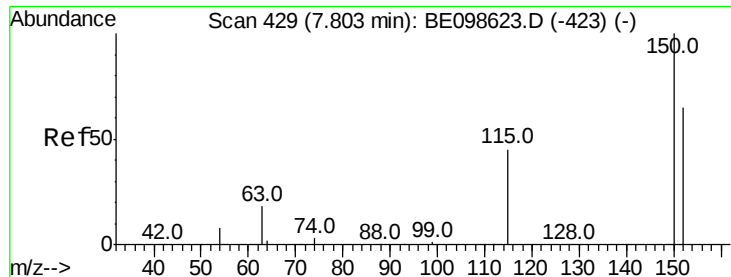
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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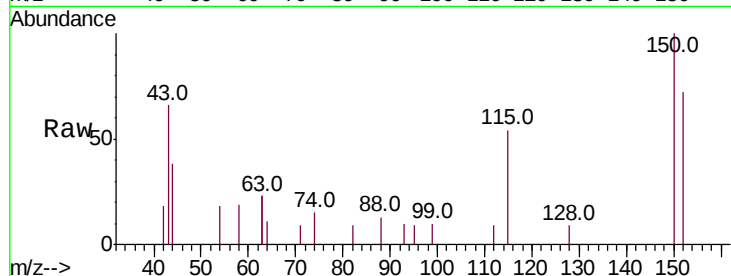


#1

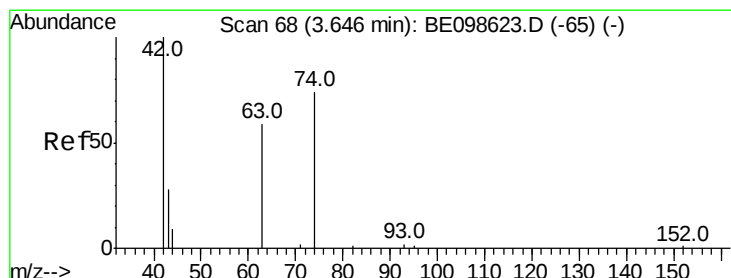
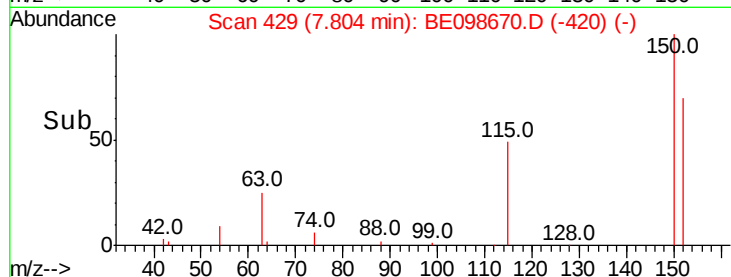
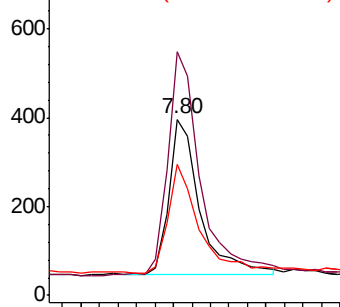
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098670.D
Acq: 18 Jan 2019 18:18

Instrument :
BNA_E
ClientSampleId :
EB 2019.01.11

Tot Ion:152 Resp: 820
Ion Ratio Lower Upper
152 100
150 138.0 121.4 182.2
115 74.6 59.1 88.7



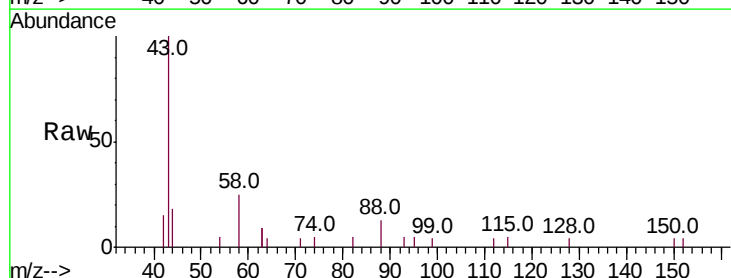
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



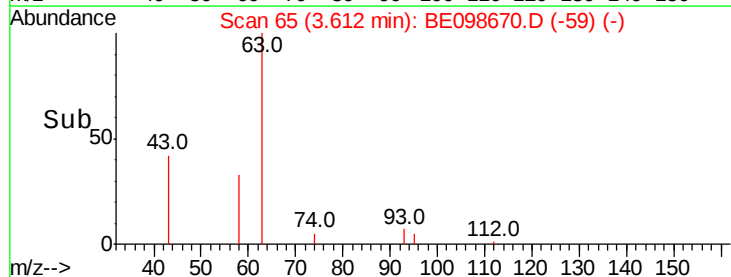
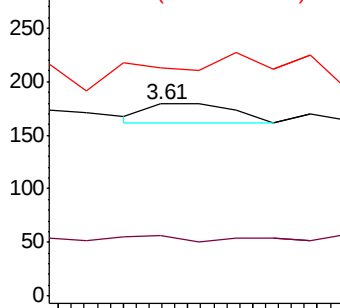
#3

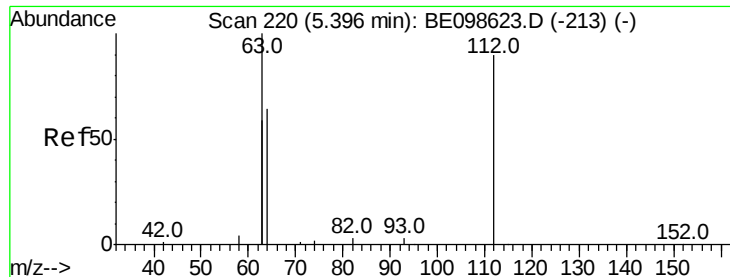
n-Nitrosodimethylamine
Concen: 0.147 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.03 min
Lab File: BE098670.D
Acq: 18 Jan 2019 18:18

Tgt Ion: 42 Resp: 34
Ion Ratio Lower Upper
42 100
74 23.5 58.9 88.3#
44 0.0 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: 0.161 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

Instrument :

BNA_E

ClientSampleId :

EB 2019.01.11

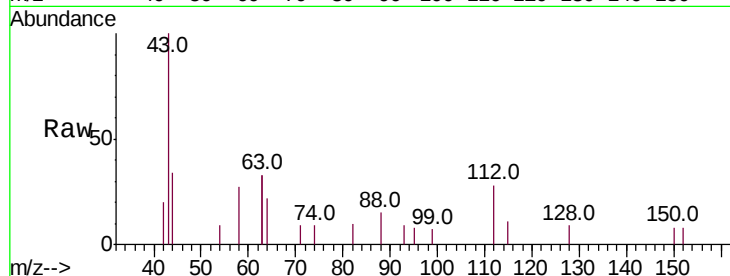
Tot Ion:112 Resp: 352

Ion Ratio Lower Upper

112 100

64 94.6 62.9 94.3#

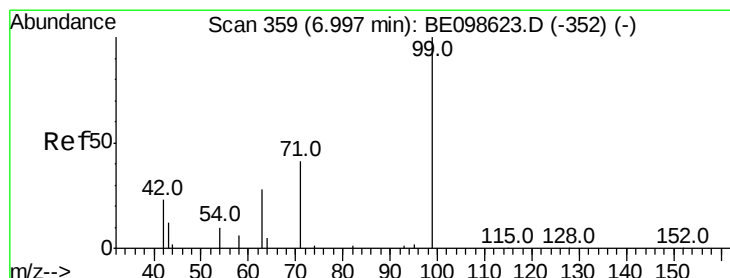
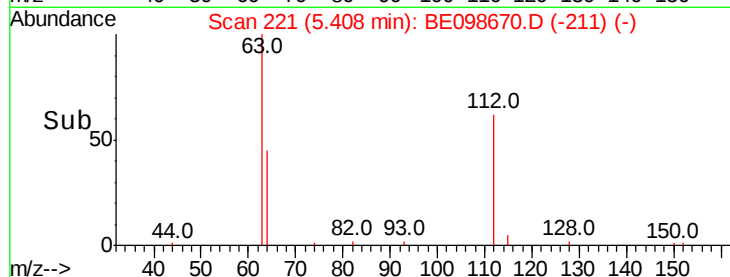
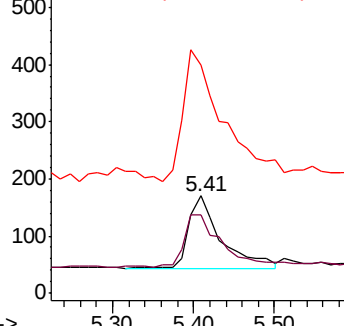
63 234.1 152.2 228.4#



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: 0.100 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.02 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

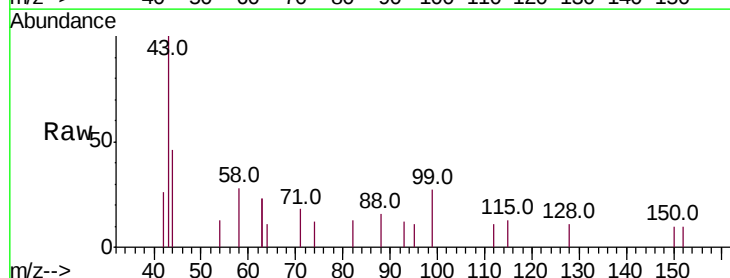
Tgt Ion: 99 Resp: 310

Ion Ratio Lower Upper

99 100

42 0.0 24.6 37.0#

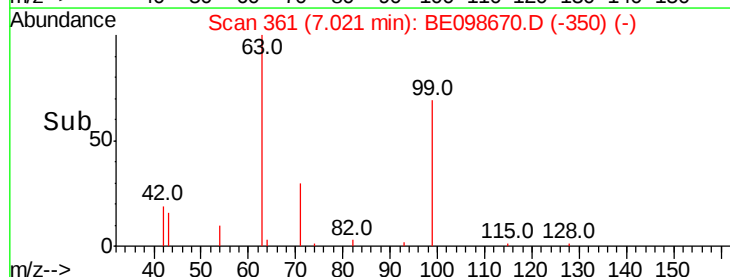
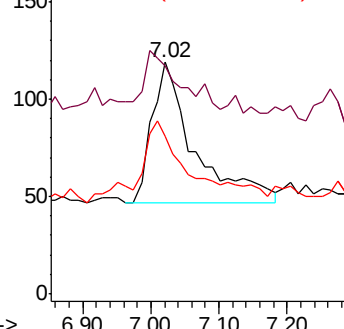
71 53.9 35.1 52.7#

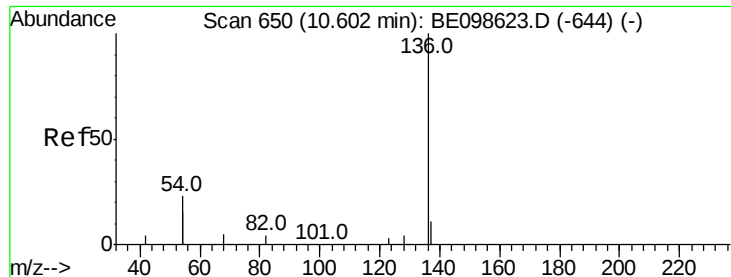


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

Instrument :

BNA_E

ClientSampleId :

EB 2019.01.11

Tot Ion:136 Resp: 3430

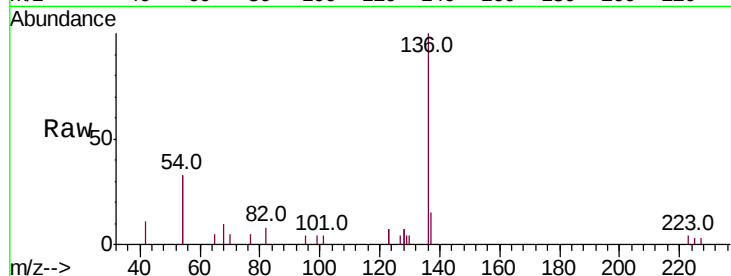
Ion Ratio Lower Upper

136 100

137 15.1 9.7 14.5#

54 66.1 35.5 53.3#

68 9.8 5.0 7.6#

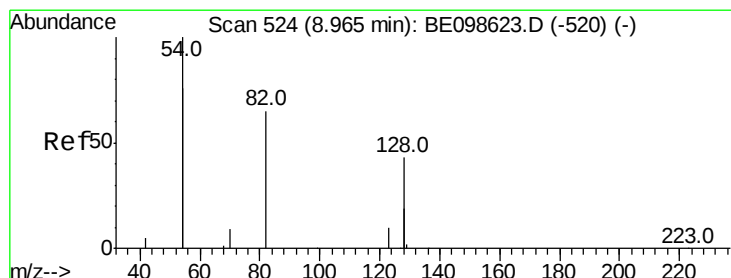
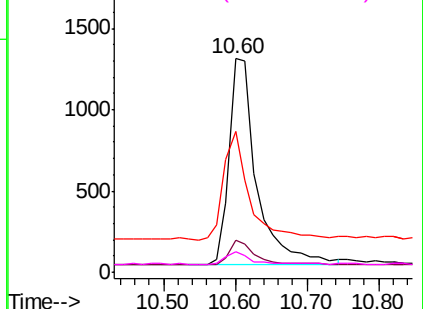
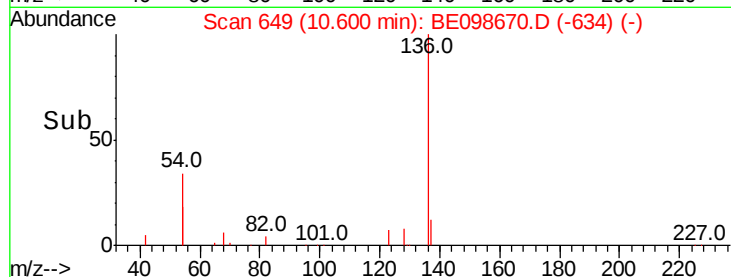


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

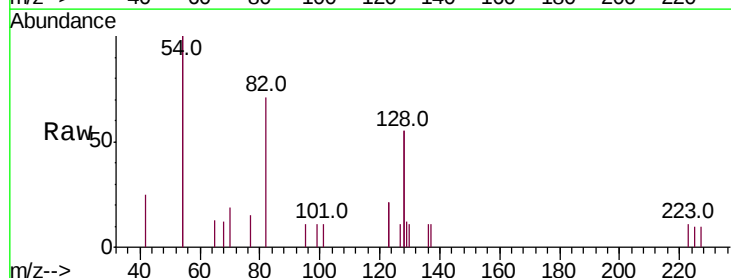
Tgt Ion: 82 Resp: 951

Ion Ratio Lower Upper

82 100

128 154.6 96.5 144.7#

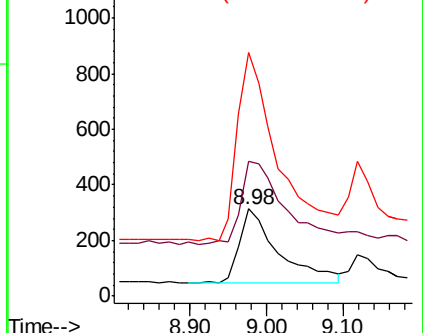
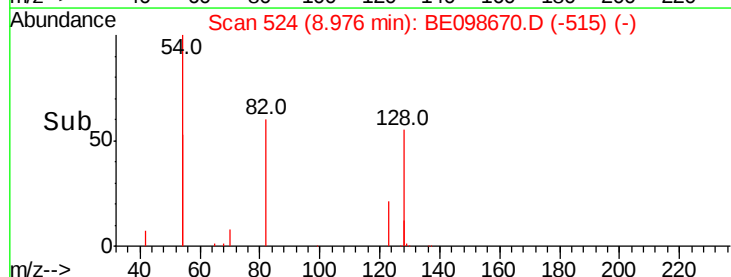
54 279.9 224.7 337.1

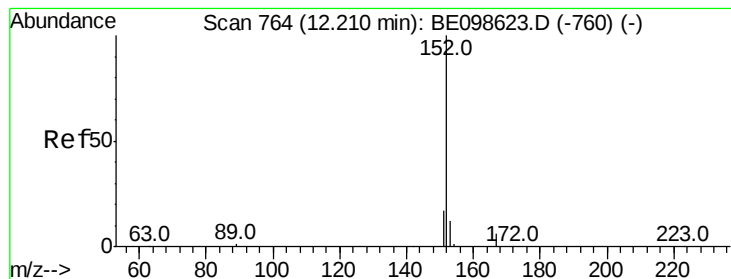


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

Instrument :

BNA_E

ClientSampleId :

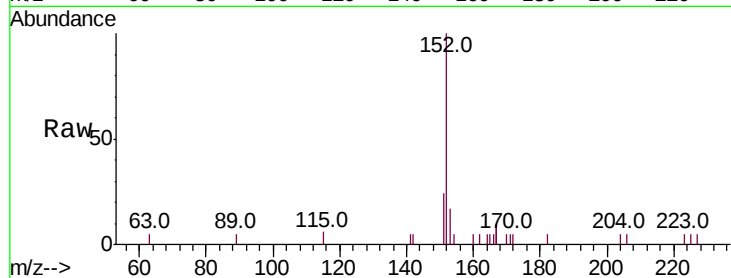
EB 2019.01.11

Tot Ion:152 Resp: 2224

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

1000

800

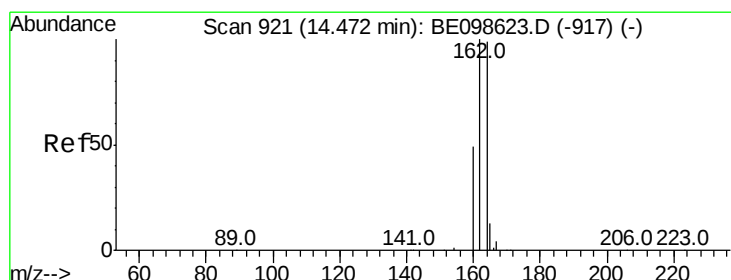
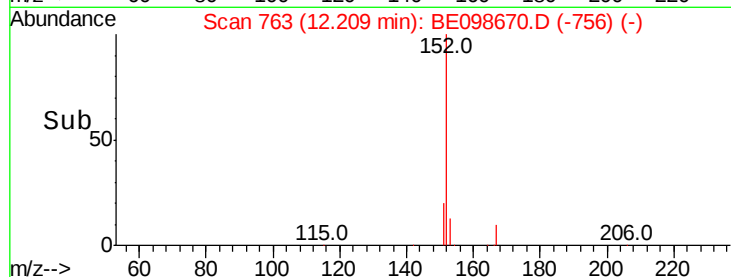
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

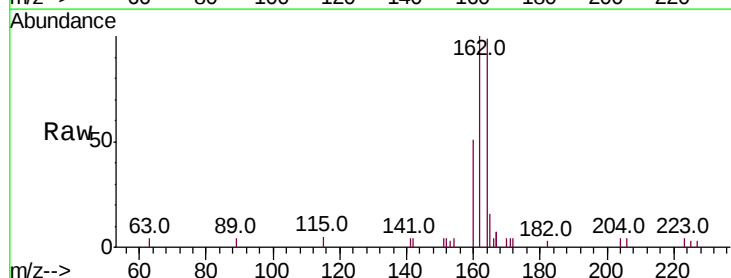
Tgt Ion:164 Resp: 2337

Ion Ratio Lower Upper

164 100

162 101.4 80.5 120.7

160 51.5 40.1 60.1



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

14.47

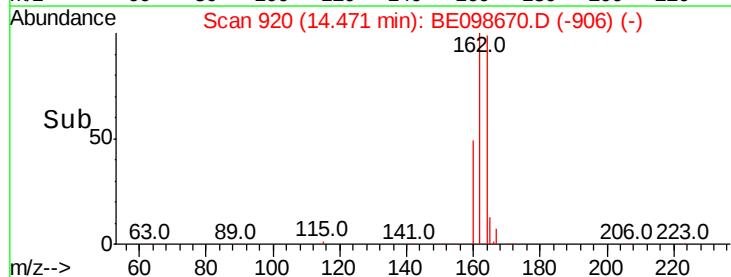
1500

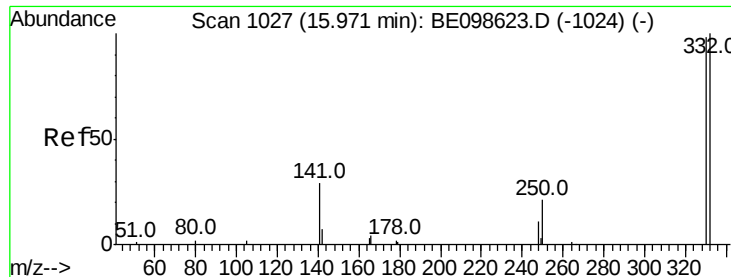
1000

500

0

Time-->

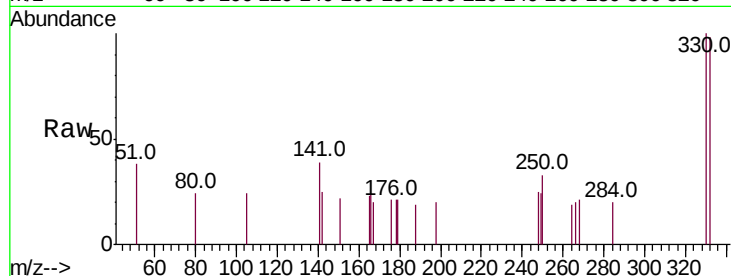




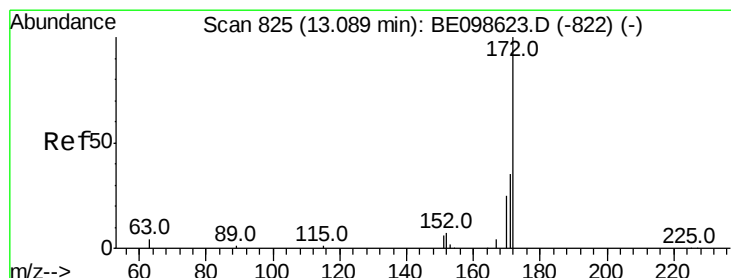
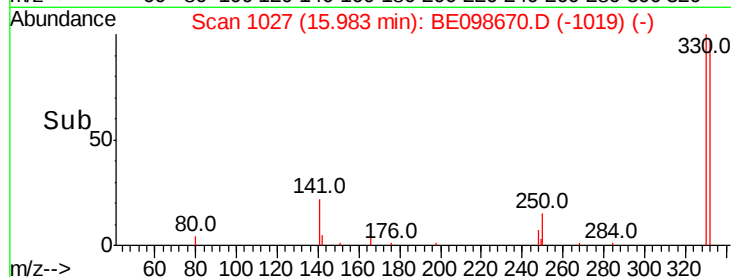
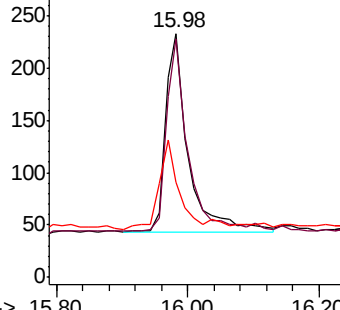
#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098670.D
 Acq: 18 Jan 2019 18:18

Instrument :
 BNA_E
 ClientSampleId :
 EB 2019.01.11

Tot Ion:330 Resp: 471
 Ion Ratio Lower Upper
 330 100
 332 91.3 73.3 109.9
 141 42.7 33.1 49.7

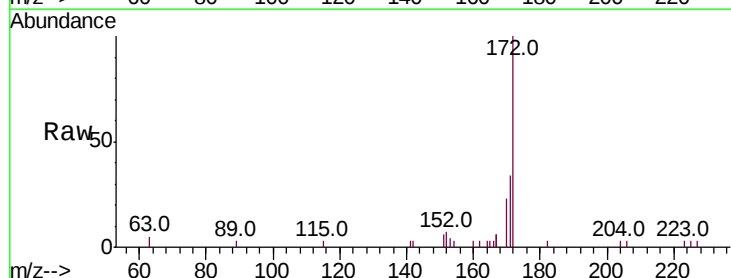


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

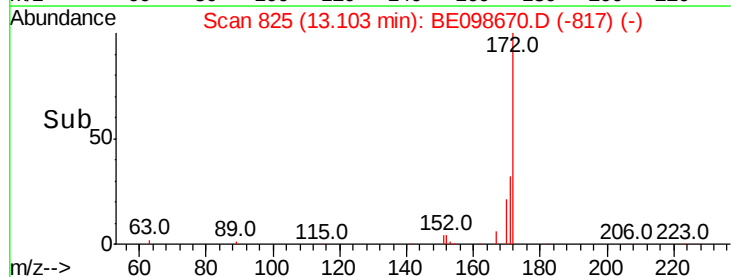
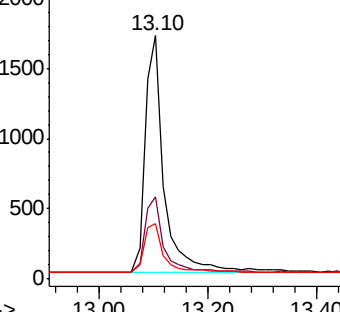


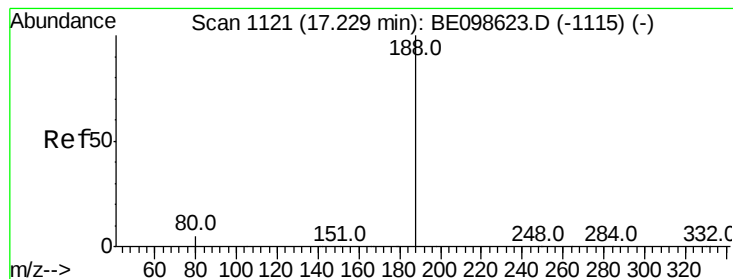
#15
 2-Fluorobiphenyl
 Concen: 0.435 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098670.D
 Acq: 18 Jan 2019 18:18

Tgt Ion:172 Resp: 4166
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.0 43.4
 170 22.7 20.8 31.2



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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

Instrument :

BNA_E

ClientSampleId :

EB 2019.01.11

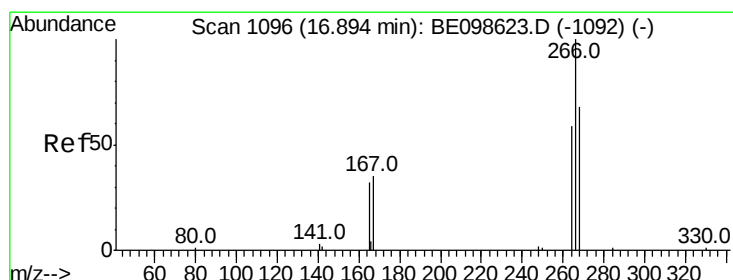
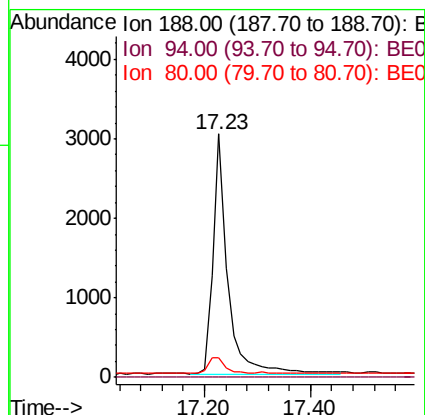
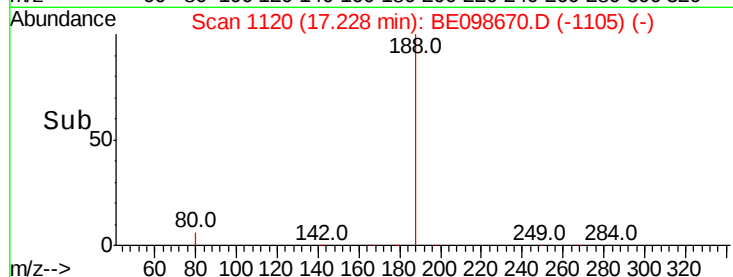
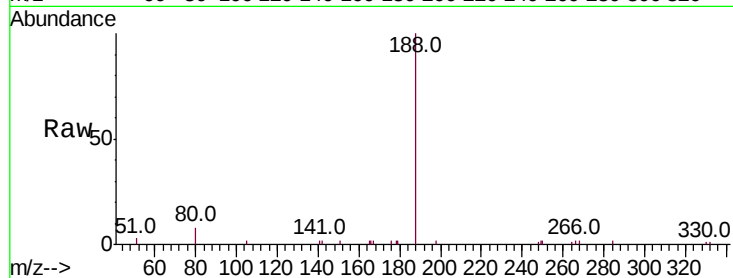
Tot Ion:188 Resp: 5766

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 4.7 7.1#



#22

Pentachlorophenol

Concen: 0.210 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

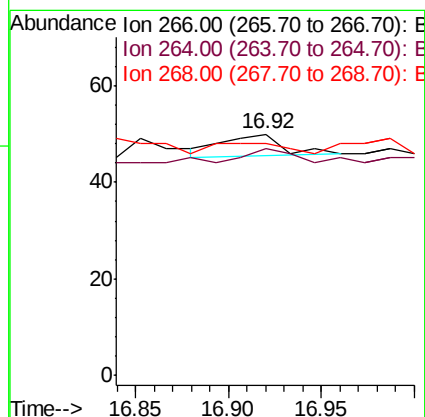
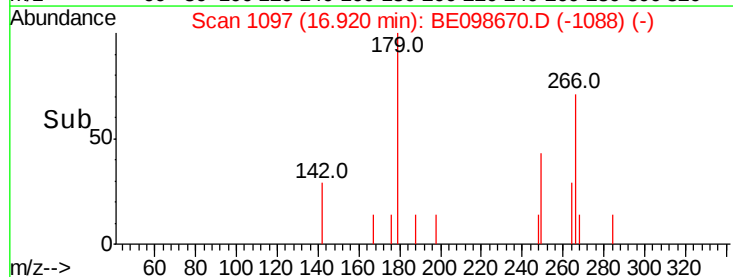
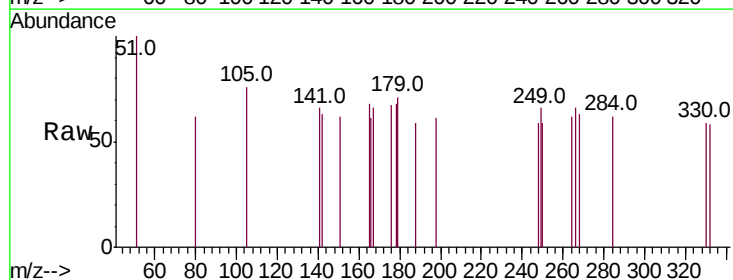
Tgt Ion:266 Resp: 10

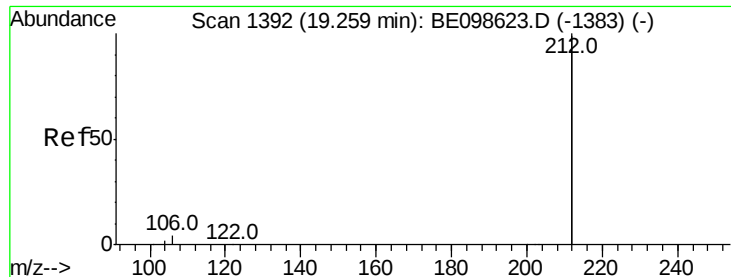
Ion Ratio Lower Upper

266 100

264 94.0 53.7 80.5#

268 96.0 59.8 89.8#





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

Instrument :

BNA_E

ClientSampleId :

EB 2019.01.11

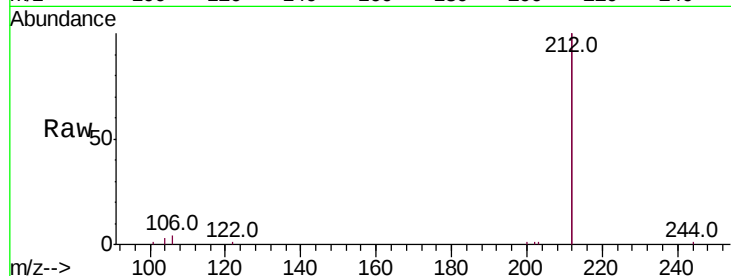
Tot Ion:212 Resp: 29219

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

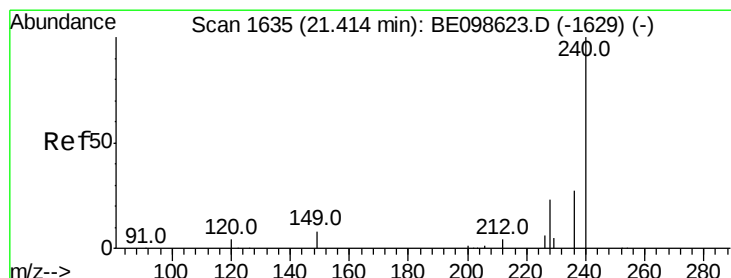
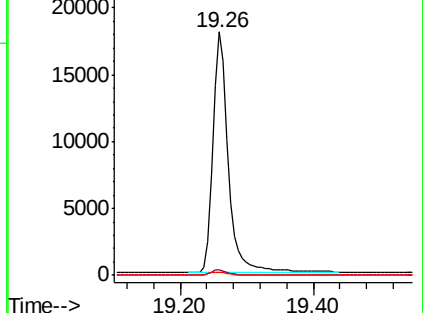
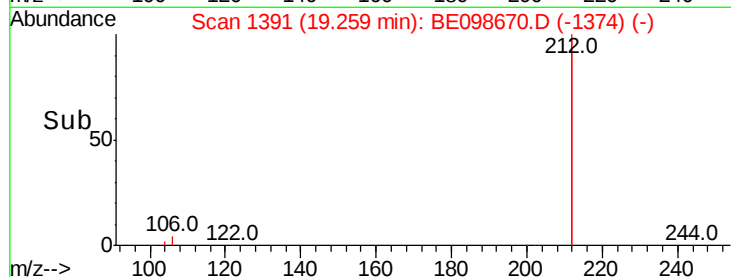
104 1.2 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

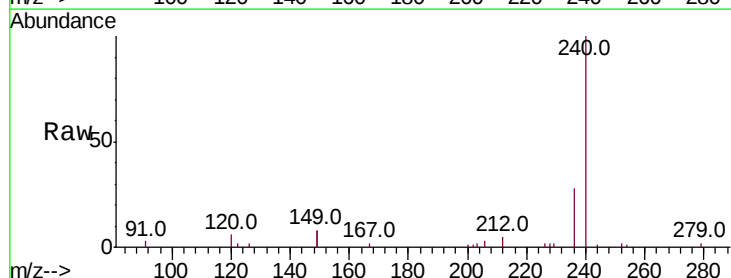
Tgt Ion:240 Resp: 6591

Ion Ratio Lower Upper

240 100

120 6.2 4.7 7.1

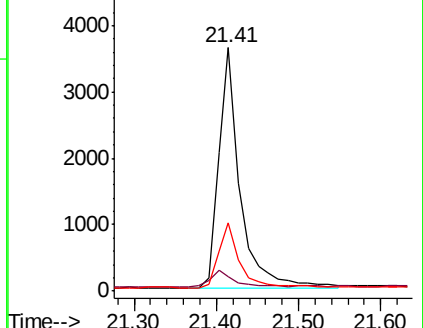
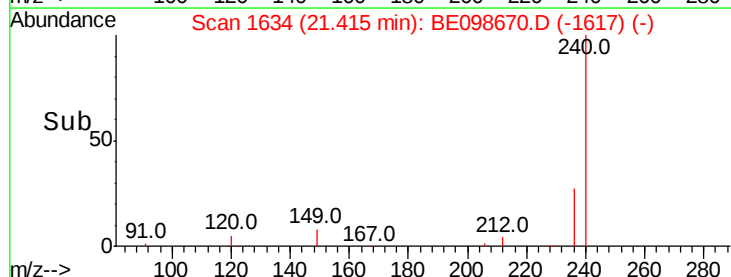
236 28.2 21.9 32.9

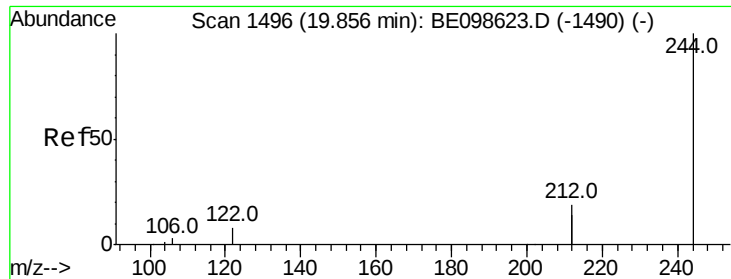


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.526 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

Instrument :

BNA_E

ClientSampleId :

EB 2019.01.11

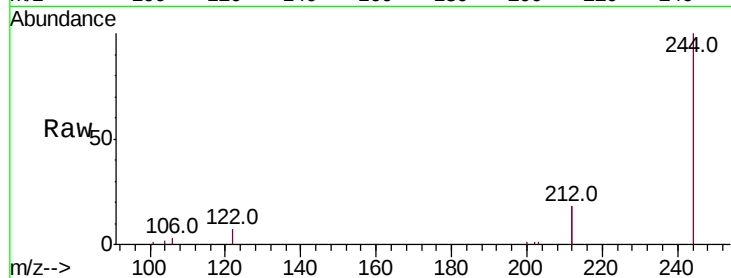
Tot Ion:244 Resp: 7664

Ion Ratio Lower Upper

244 100

212 36.3 29.4 44.2

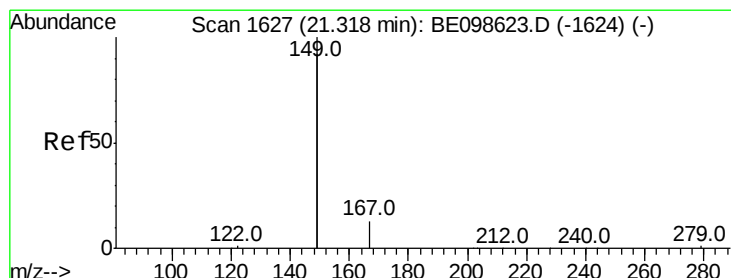
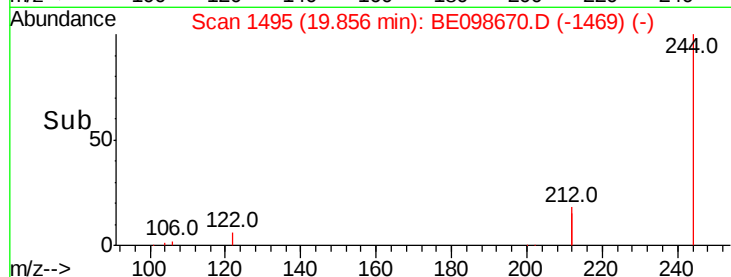
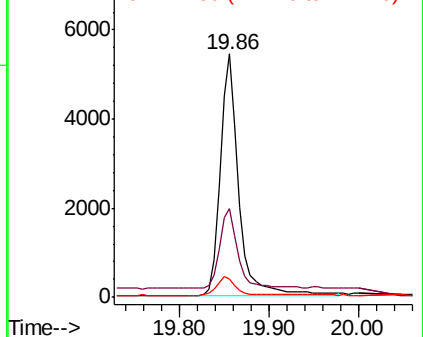
122 7.3 7.1 10.7



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: 0.037 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

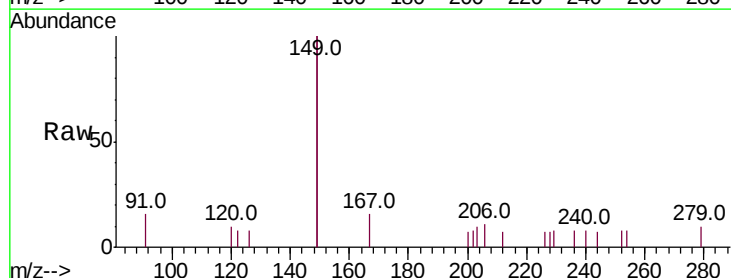
Tgt Ion:149 Resp: 1389

Ion Ratio Lower Upper

149 100

167 5.8 5.4 8.2

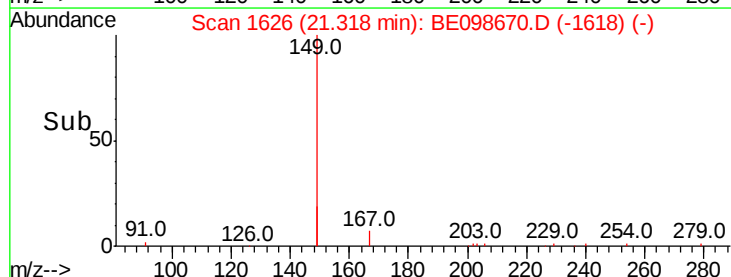
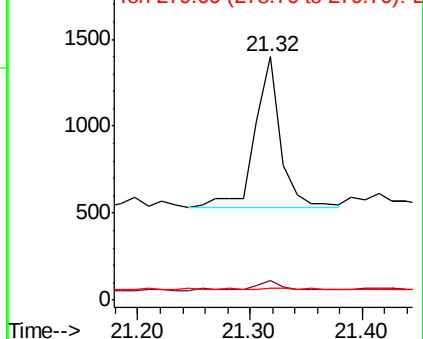
279 1.1 1.0 1.4

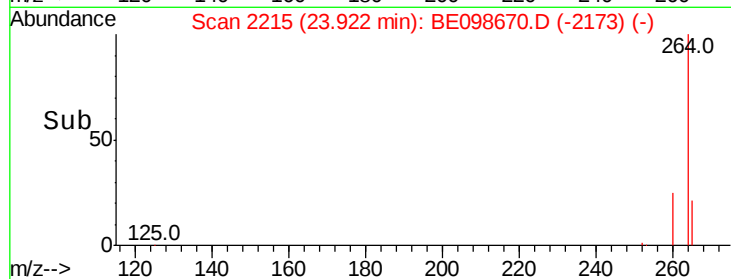
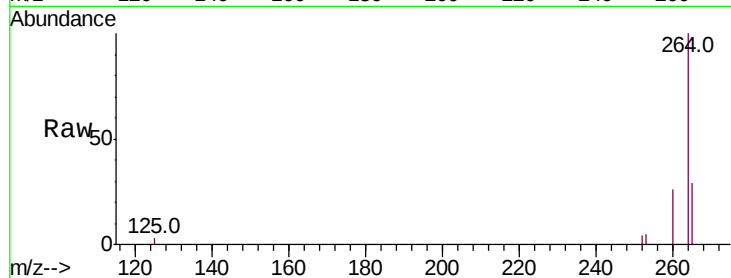
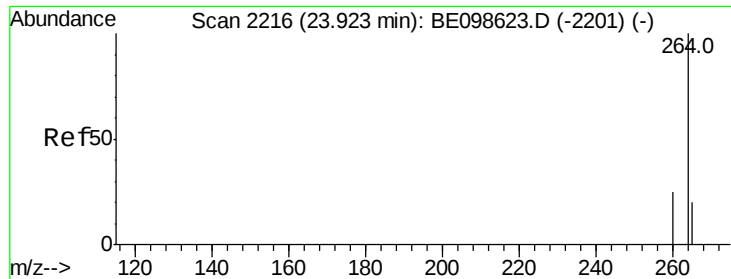


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098670.D

Acq: 18 Jan 2019 18:18

Instrument :

BNA_E

ClientSampleId :

EB 2019.01.11

Tot Ion:264 Resp: 6276

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 28.8 22.3 33.5

