

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098654.D
 Acq On : 17 Jan 2019 19:38
 Operator : SJ/JU
 Sample : K1174-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RD-5-PZ-1

Quant Time: Jan 18 01:57:18 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

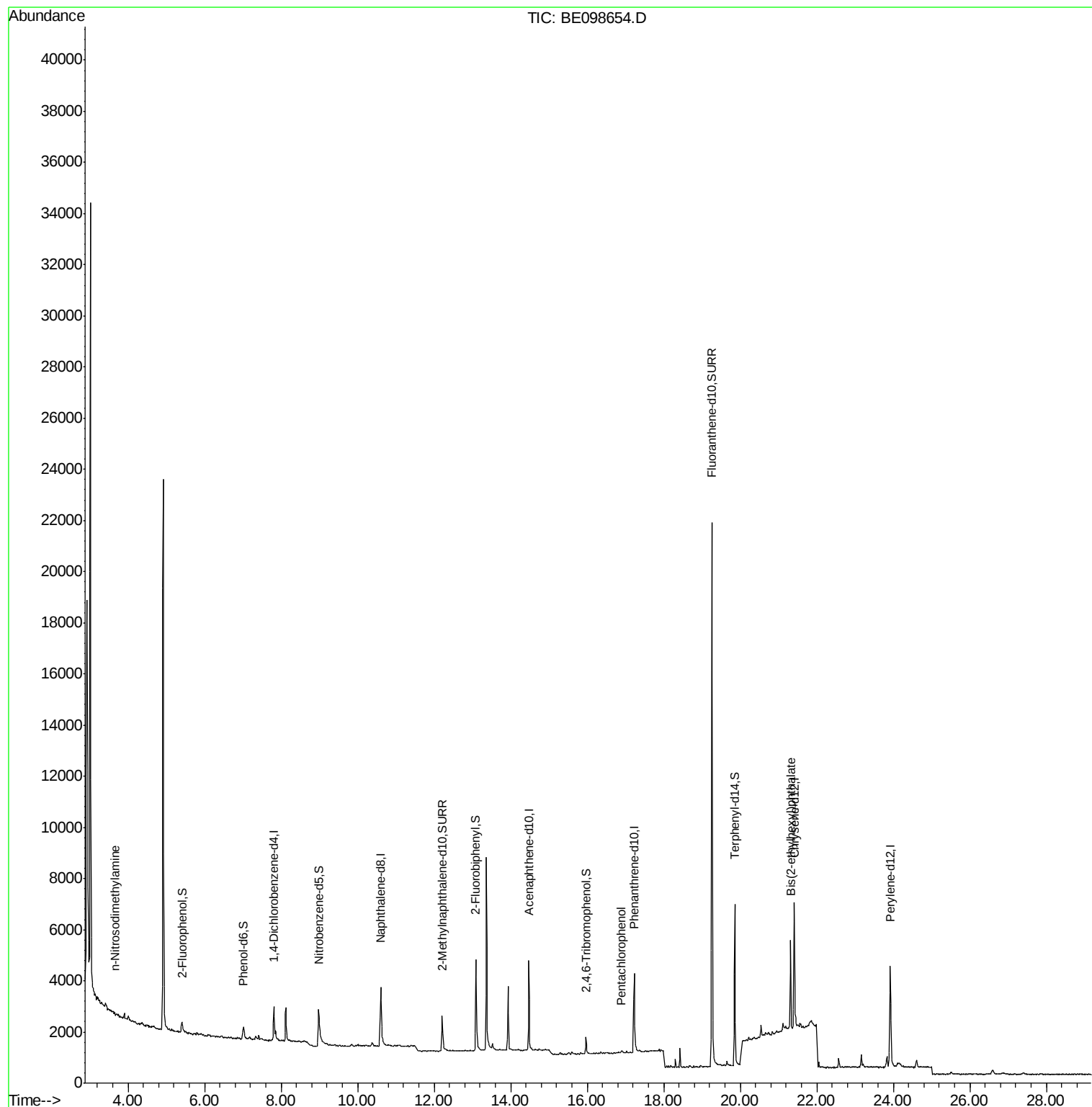
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	746	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3299	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2255	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5434	0.40	ng	0.00
27) Chrysene-d12	21.42	240	6291	0.40	ng	0.00
34) Perylene-d12	23.92	264	6250	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	317	0.16	ng	0.01
5) Phenol-d6	7.00	99	321	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	1077	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2375	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	447	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4417	0.48	ng	0.00
25) Fluoranthene-d10	19.26	212	31427	0.47	ng	0.00
29) Terphenyl-d14	19.86	244	6025	0.43	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.67	42	16	0.138	ng	# 13
22) Pentachlorophenol	16.89	266	91	0.267	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.32	149	4506	0.126	ng	# 99

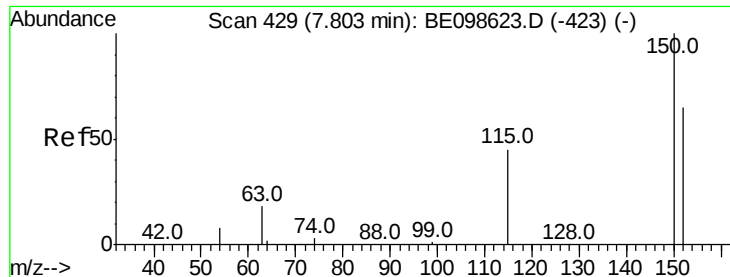
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

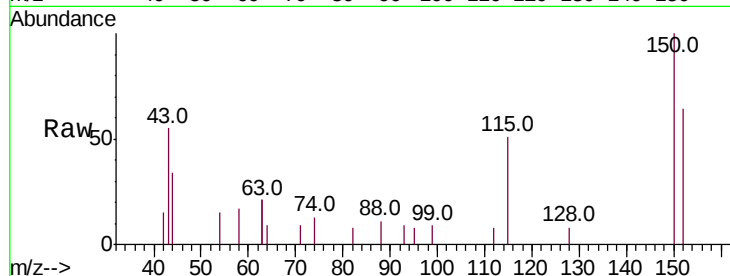
Tot Ion:152 Resp: 746

Ion Ratio Lower Upper

152 100

150 157.0 121.4 182.2

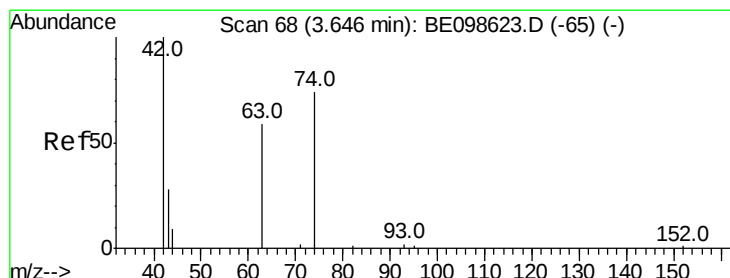
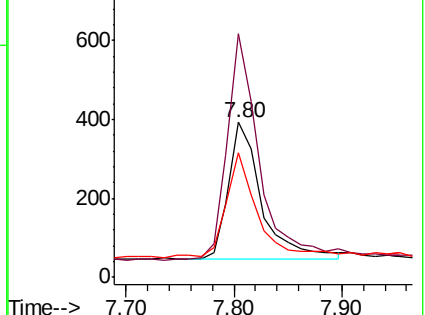
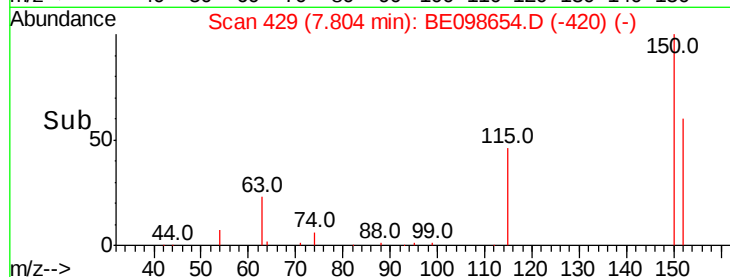
115 80.7 59.1 88.7



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: 0.138 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.02 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

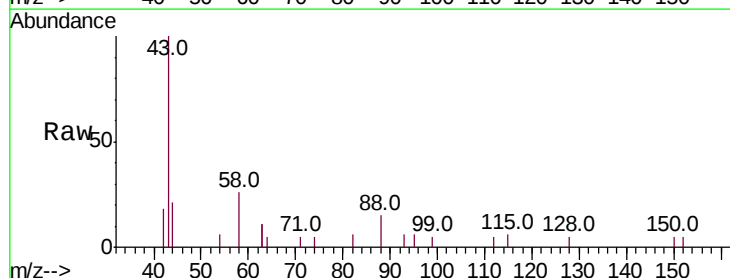
Tgt Ion: 42 Resp: 16

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

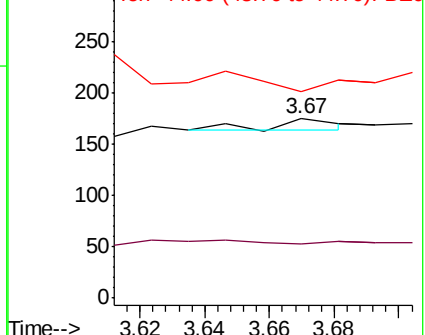
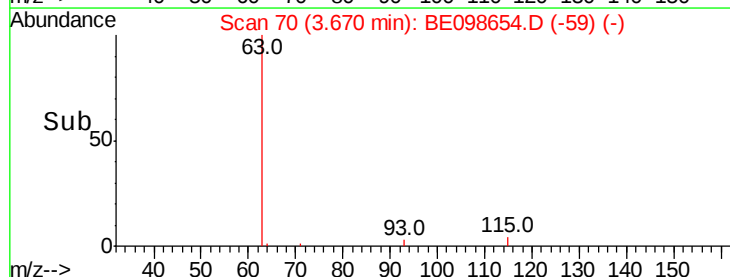
44 0.0 0.0 0.0

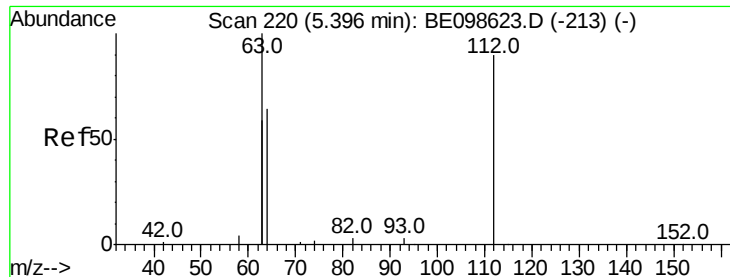


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

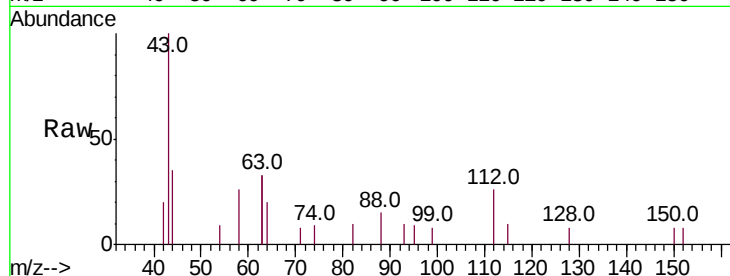
Tot Ion:112 Resp: 317

Ion Ratio Lower Upper

112 100

64 84.9 62.9 94.3

63 207.9 152.2 228.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

500

400

300

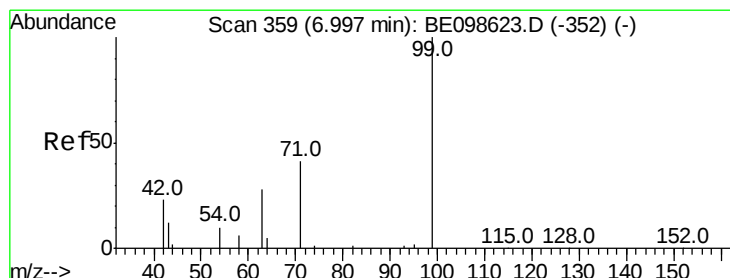
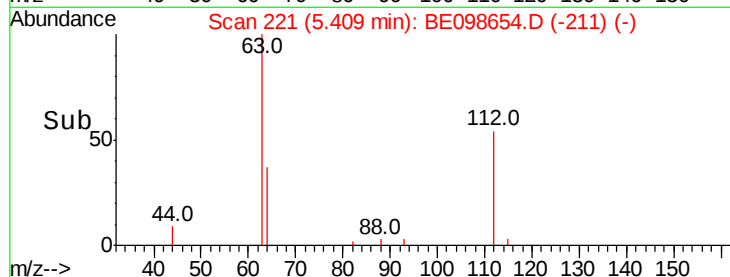
200

100

0

5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.113 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

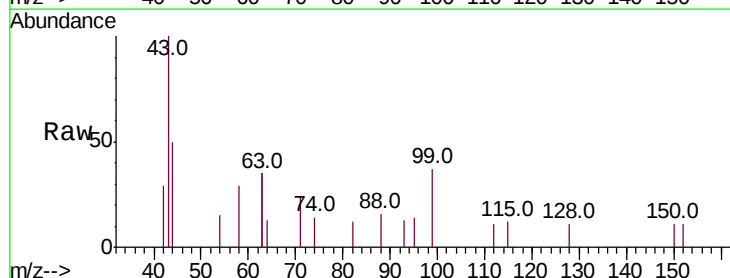
Tgt Ion: 99 Resp: 321

Ion Ratio Lower Upper

99 100

42 31.2 24.6 37.0

71 43.6 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

200

150

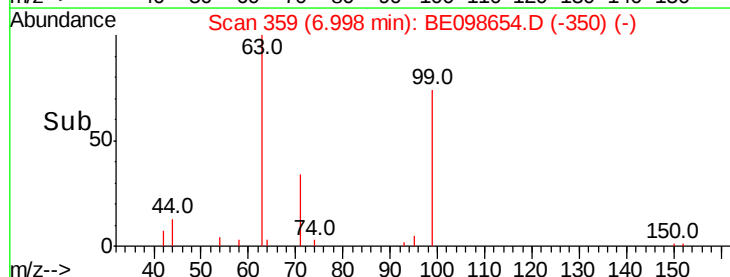
100

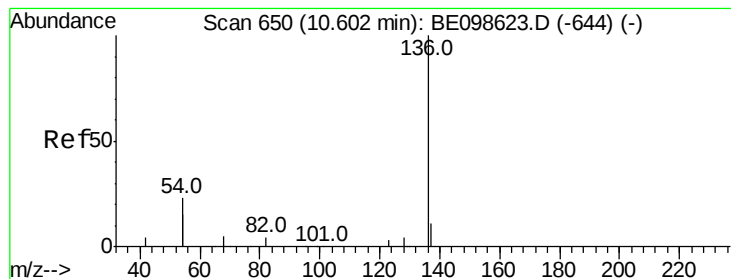
50

0

6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

Tot Ion:136 Resp: 3299

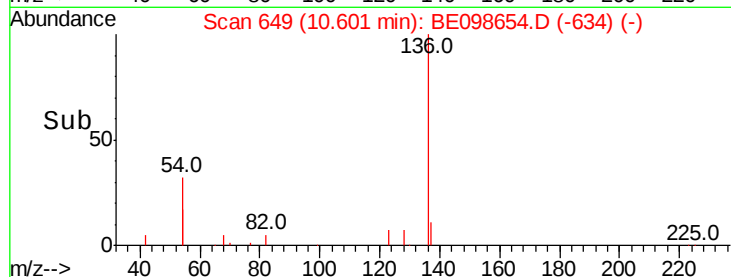
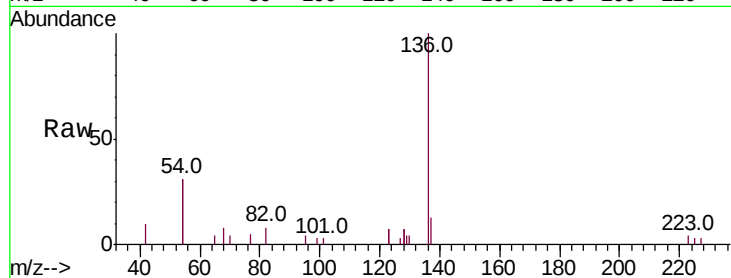
Ion Ratio Lower Upper

136 100

137 13.4 9.7 14.5

54 62.5 35.5 53.3#

68 8.4 5.0 7.6#

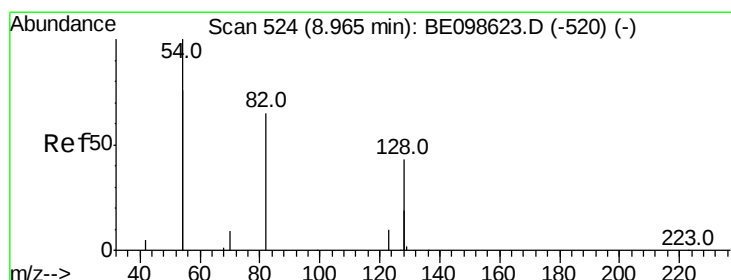
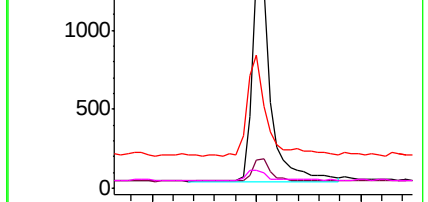


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.412 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

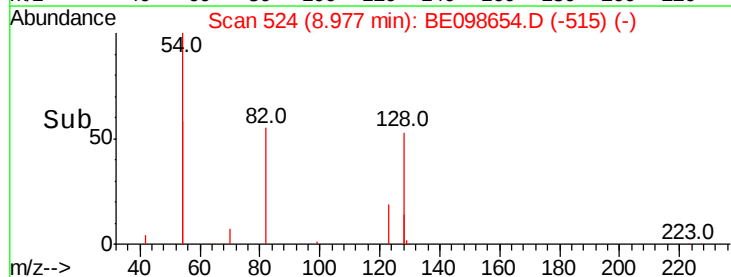
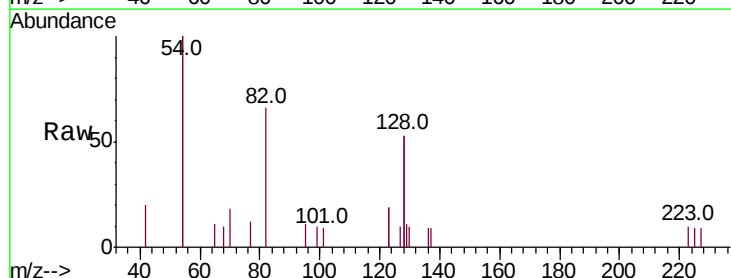
Tgt Ion: 82 Resp: 1077

Ion Ratio Lower Upper

82 100

128 161.1 96.5 144.7#

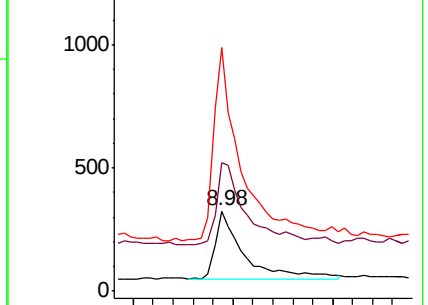
54 304.9 224.7 337.1

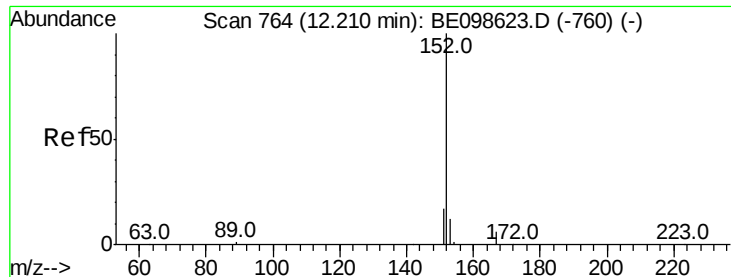


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

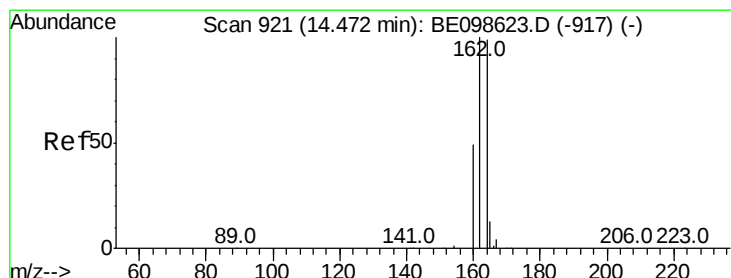
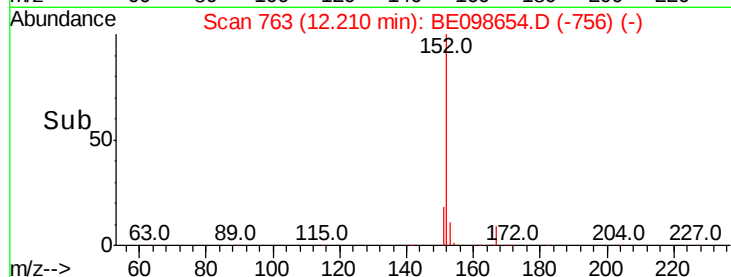
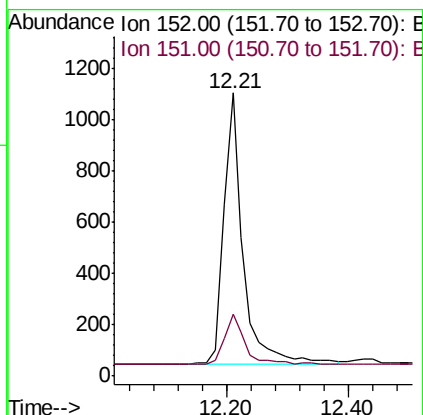
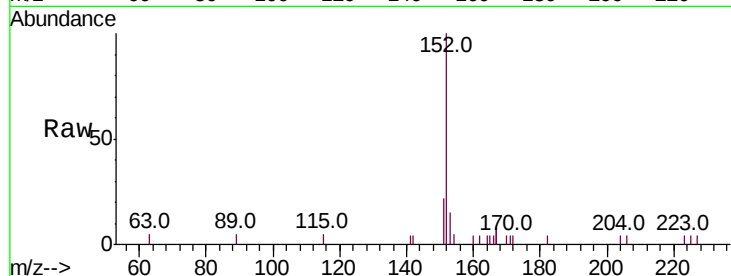




#11
2-Methylnaphthalene-d10
Concen: 0.438 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

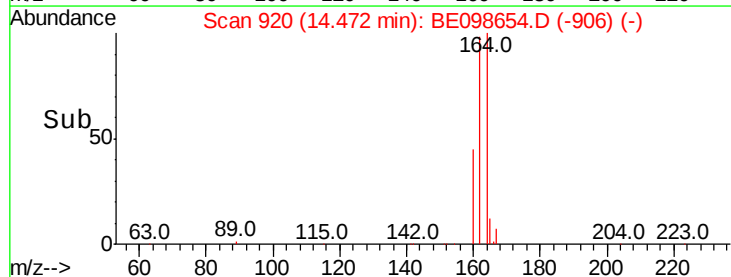
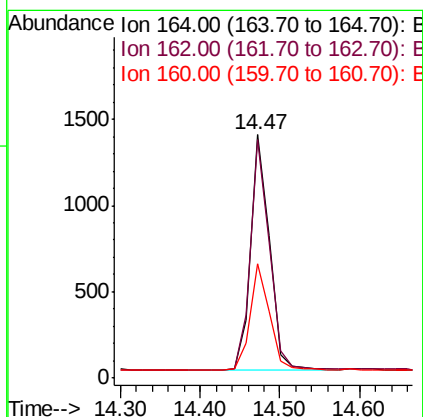
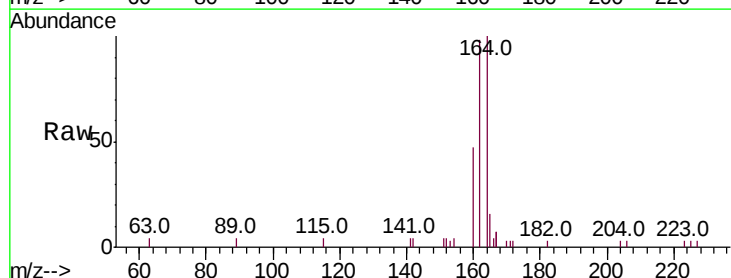
Instrument :
BNA_E
ClientSampleId :
RD-5-PZ-1

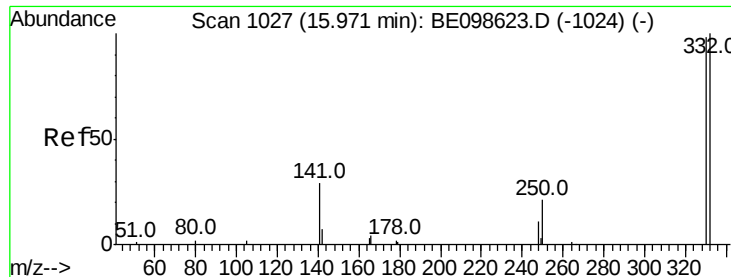
Tot Ion:152 Resp: 2375
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

Tgt Ion:164 Resp: 2255
Ion Ratio Lower Upper
164 100
162 97.8 80.5 120.7
160 46.9 40.1 60.1





#14

2,4,6-Tribromophenol

Concen: 0.456 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

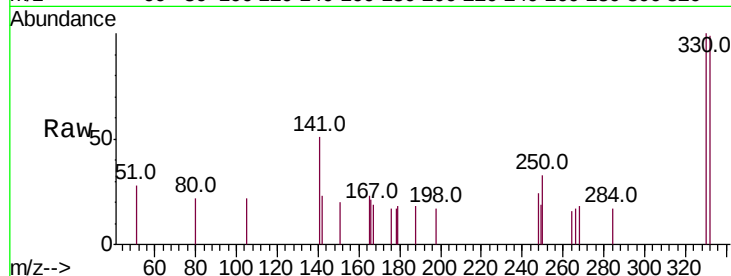
Tot Ion:330 Resp: 447

Ion Ratio Lower Upper

330 100

332 99.8 73.3 109.9

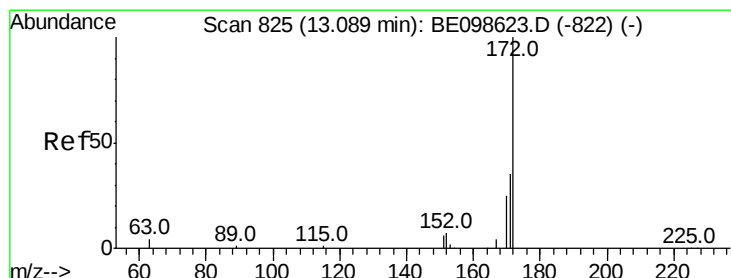
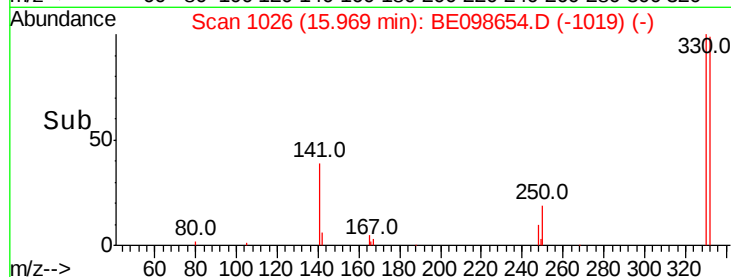
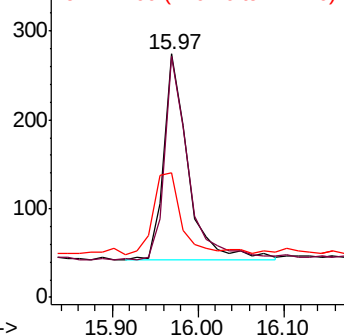
141 49.2 33.1 49.7



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: 0.478 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

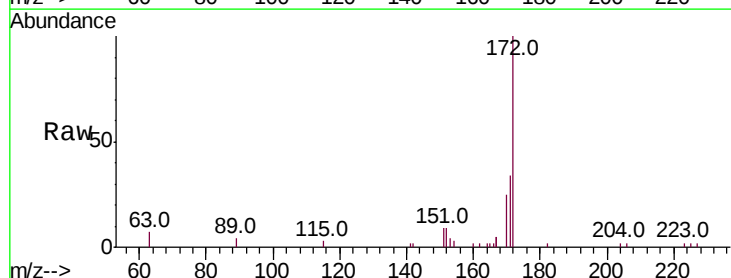
Tgt Ion:172 Resp: 4417

Ion Ratio Lower Upper

172 100

171 34.3 29.0 43.4

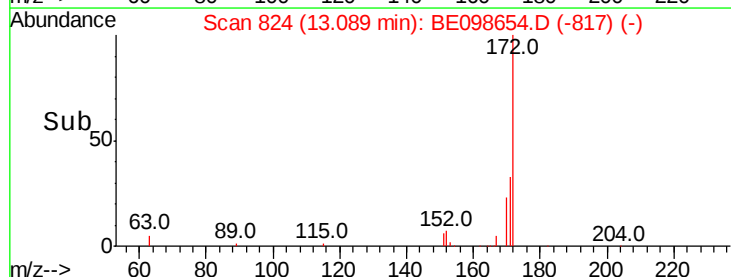
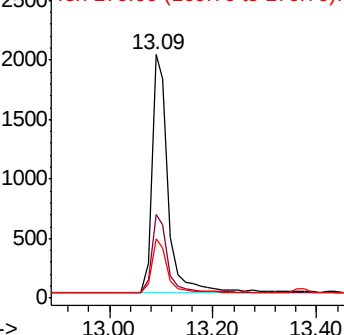
170 24.5 20.8 31.2

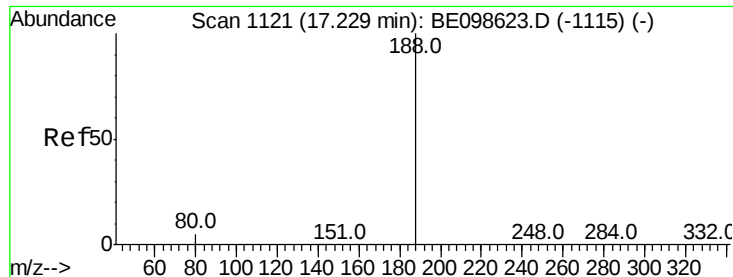


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

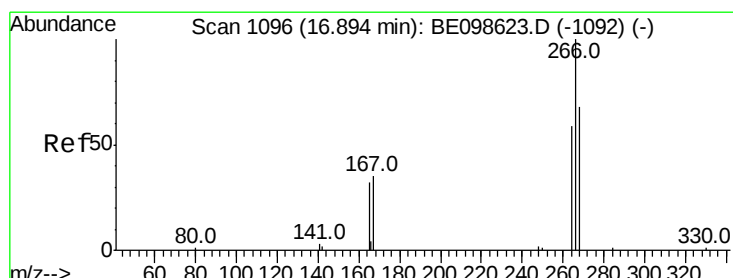
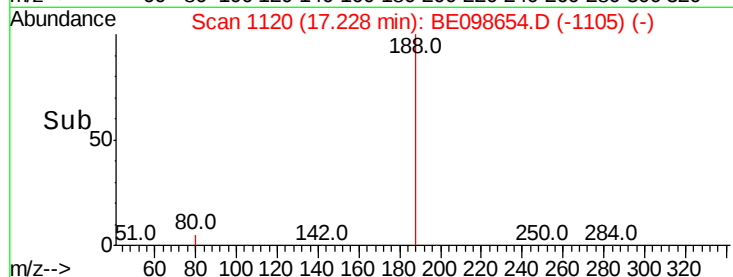
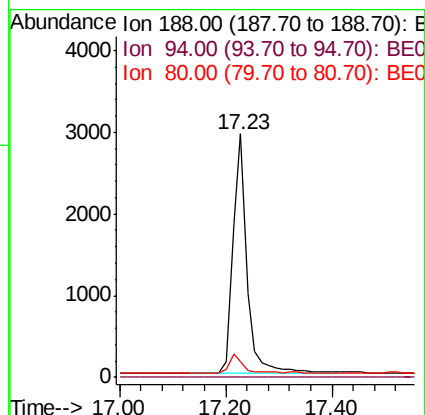
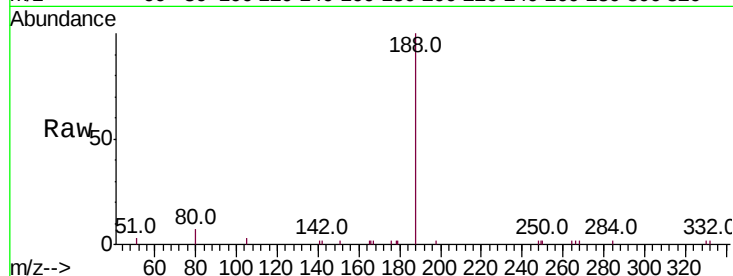




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

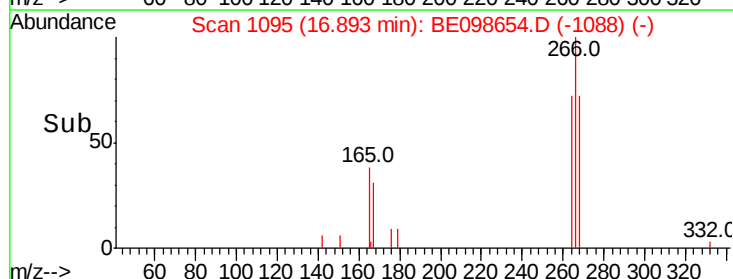
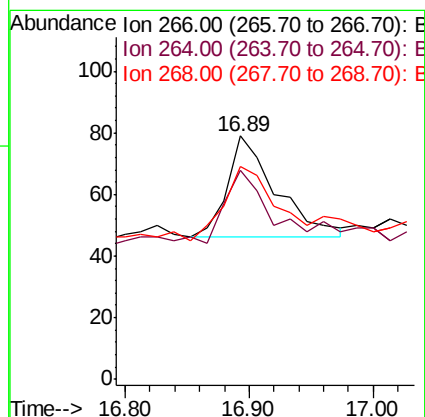
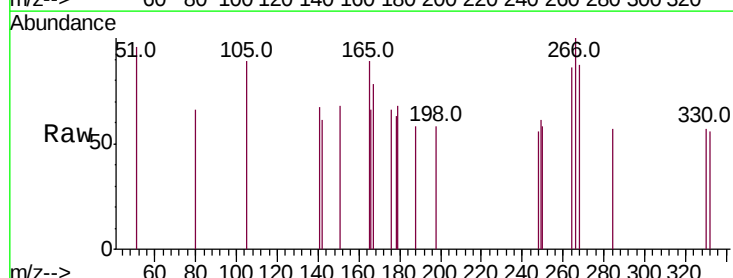
Instrument :
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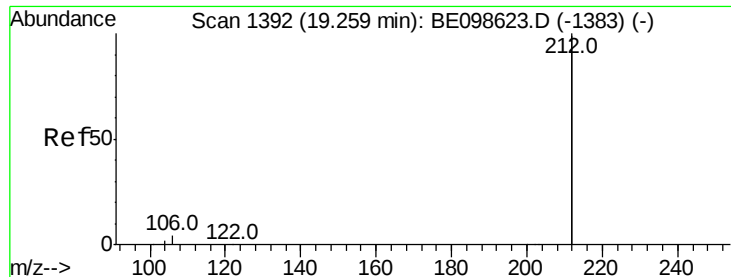
Tot Ion:188 Resp: 5434
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 4.7 7.1



#22
Pentachlorophenol
Concen: 0.267 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098654.D
Acq: 17 Jan 2019 19:38

Tgt Ion:266 Resp: 91
Ion Ratio Lower Upper
266 100
264 86.1 53.7 80.5#
268 87.3 59.8 89.8





#25

Fluoranthene-d10

Concen: 0.467 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

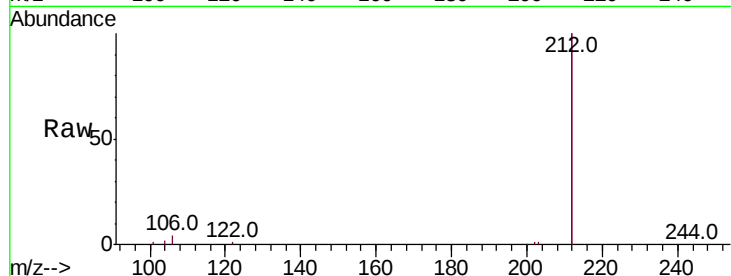
Tot Ion:212 Resp: 31427

Ion Ratio Lower Upper

212 100

106 1.8 1.7 2.5

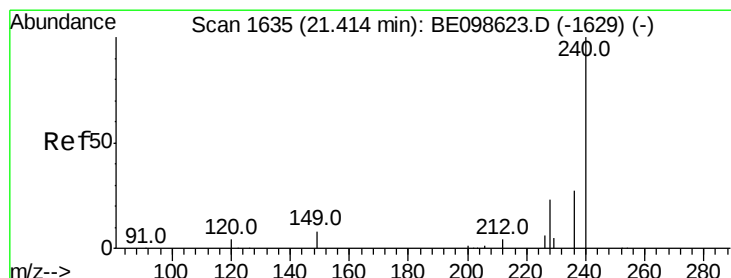
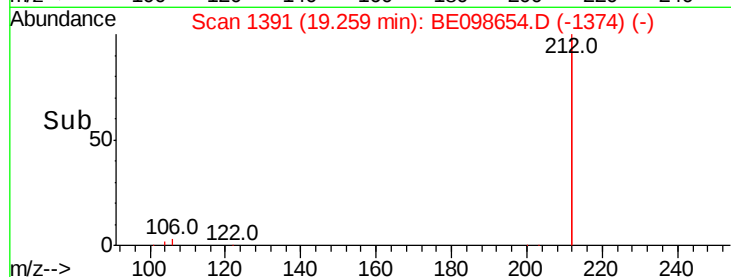
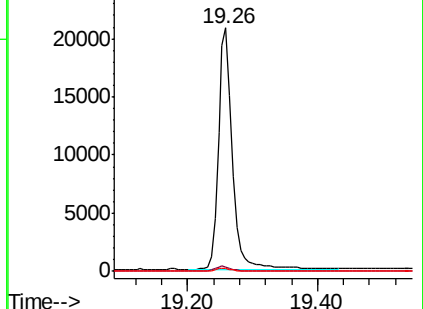
104 1.1 1.0 1.6



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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

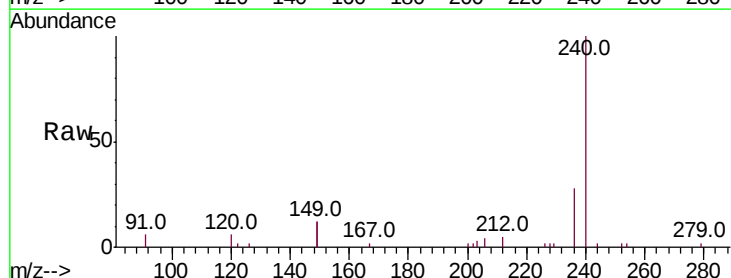
Tgt Ion:240 Resp: 6291

Ion Ratio Lower Upper

240 100

120 5.7 4.7 7.1

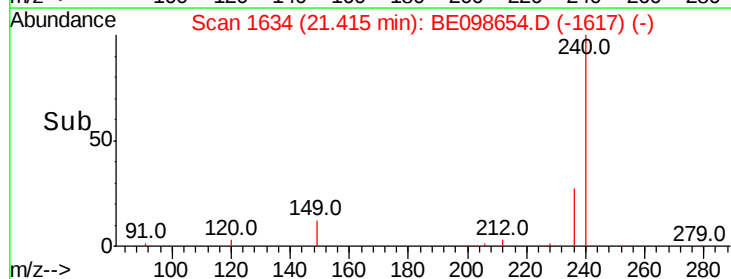
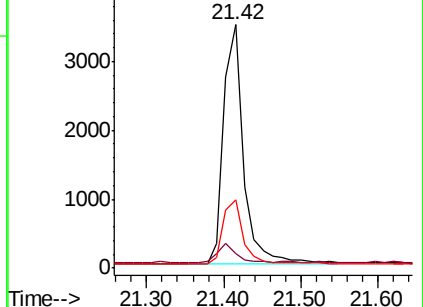
236 28.0 21.9 32.9

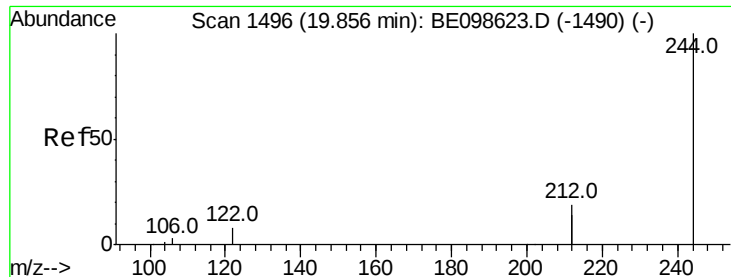


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

Instrument :

BNA_E

ClientSampleId :

RD-5-PZ-1

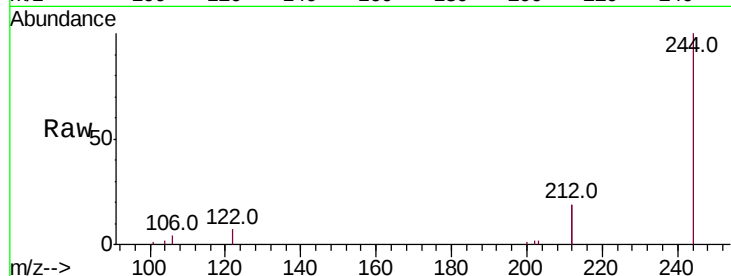
Tot Ion:244 Resp: 6025

Ion Ratio Lower Upper

244 100

212 37.2 29.4 44.2

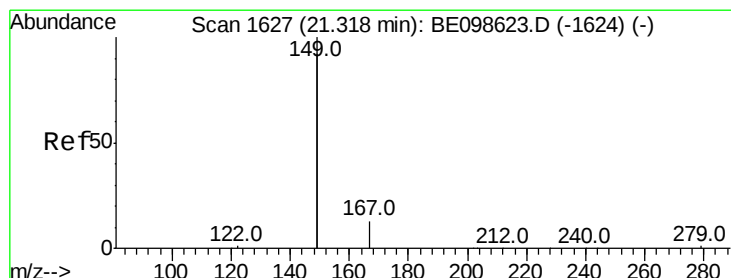
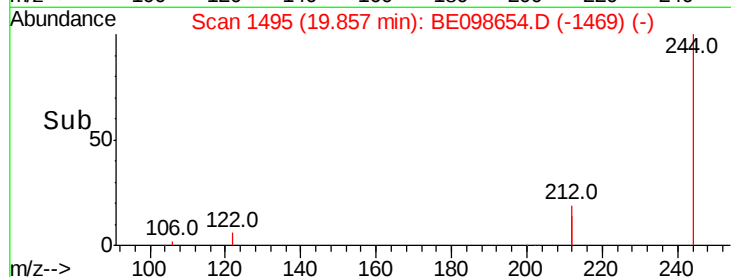
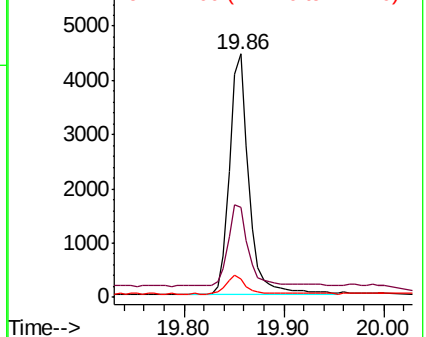
122 7.4 7.1 10.7



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: 0.126 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098654.D

Acq: 17 Jan 2019 19:38

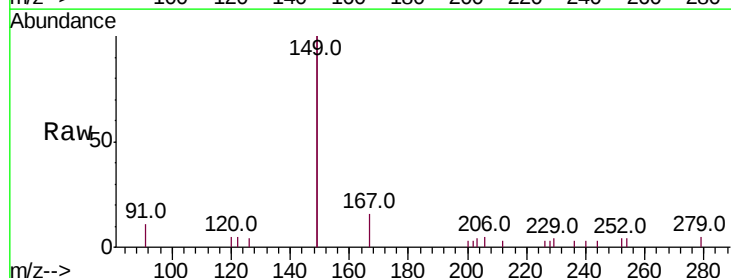
Tgt Ion:149 Resp: 4506

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.2

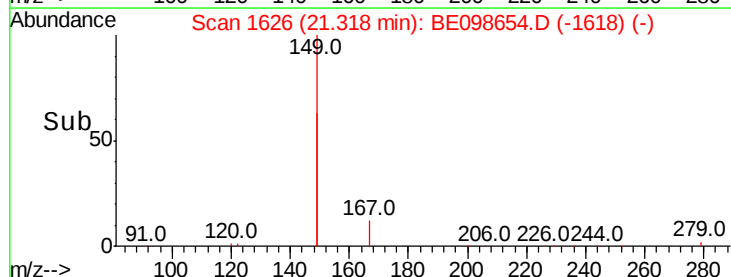
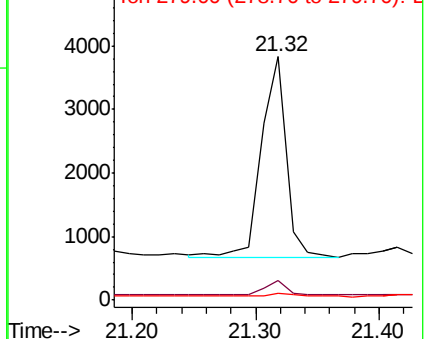
279 2.6 1.0 1.4#

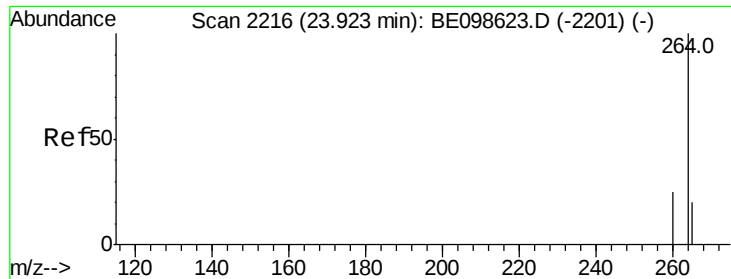


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098654.D
 Acq: 17 Jan 2019 19:38

Instrument :
 BNA_E
 ClientSampleId :
 RD-5-PZ-1

Tot Ion:264 Resp: 6250
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 29.7 22.3 33.5

