

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098657.D
 Acq On : 17 Jan 2019 21:29
 Operator : SJ/JU
 Sample : K1176-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Quant Time: Jan 18 01:57:42 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

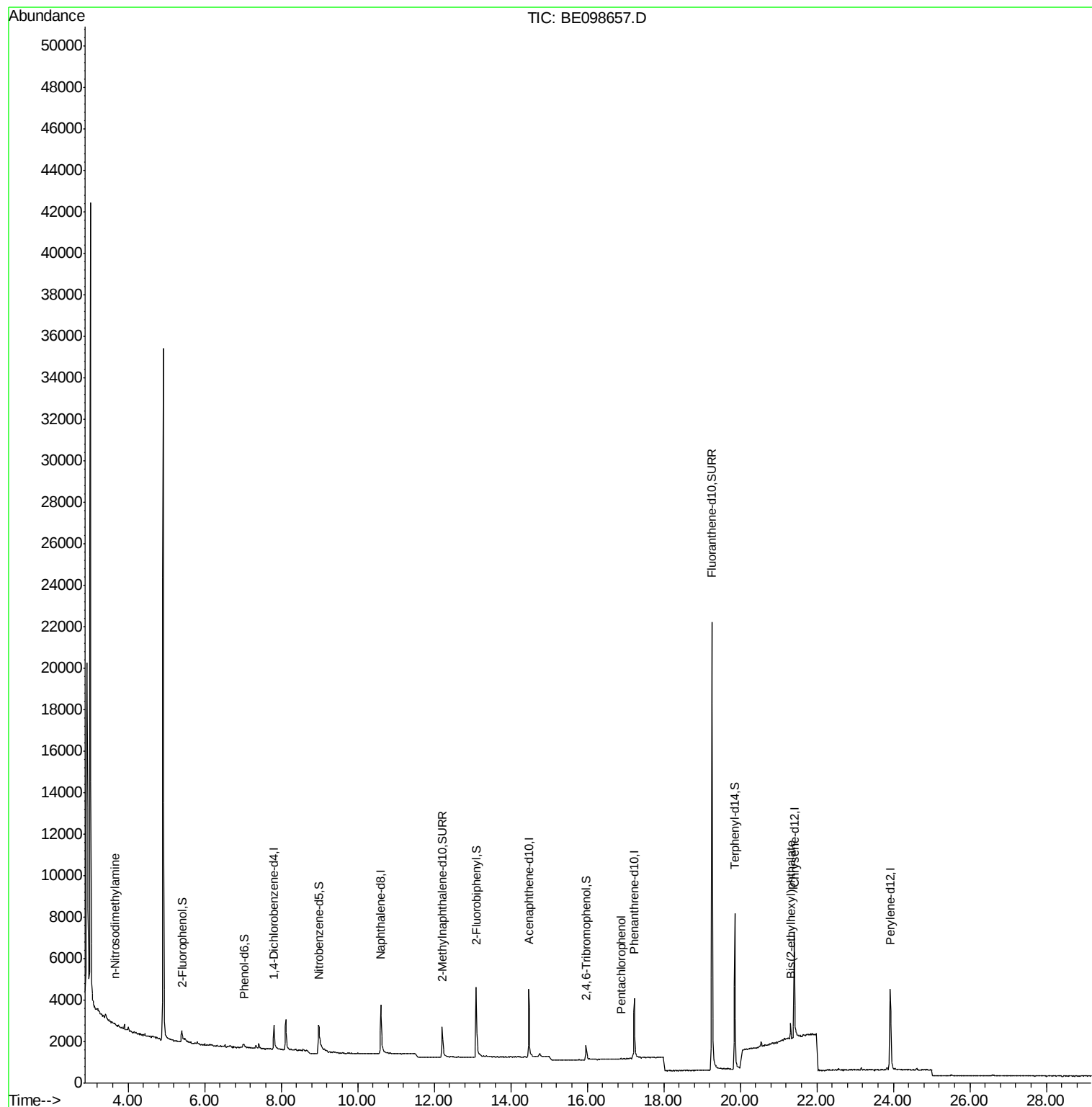
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	745	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3472	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2330	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5749	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6601	0.40	ng	0.00
34) Perylene-d12	23.92	264	6282	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	446	0.22	ng	0.01
5) Phenol-d6	7.02	99	338	0.12	ng	0.02
8) Nitrobenzene-d5	8.98	82	1245	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2643	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	500	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5015	0.53	ng	0.01
25) Fluoranthene-d10	19.26	212	34018	0.48	ng	0.00
29) Terphenyl-d14	19.86	244	7522	0.52	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	16	0.138	ng	# 35
22) Pentachlorophenol	16.88	266	7	0.208	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.32	149	869	0.023	ng	# 95

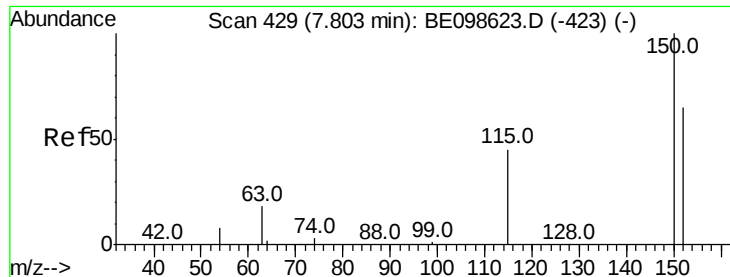
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampleId :

MW-1

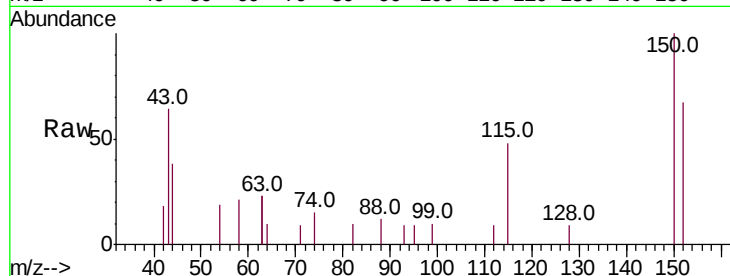
Tot Ion:152 Resp: 745

Ion Ratio Lower Upper

152 100

150 150.3 121.4 182.2

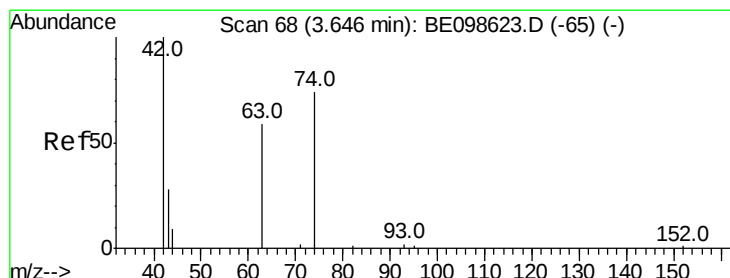
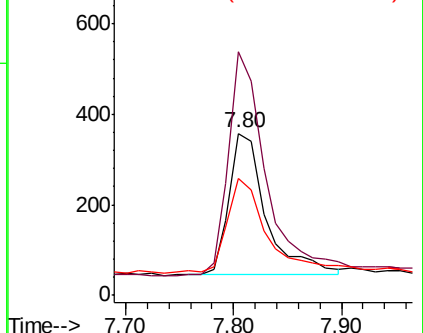
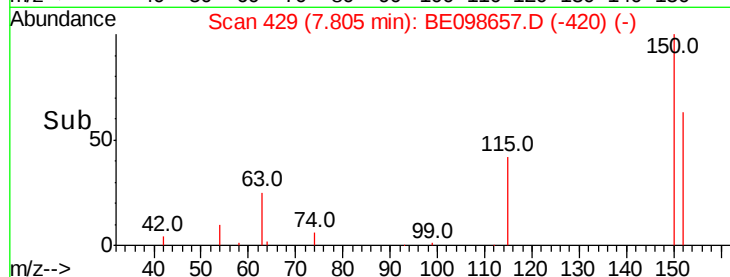
115 72.1 59.1 88.7



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: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

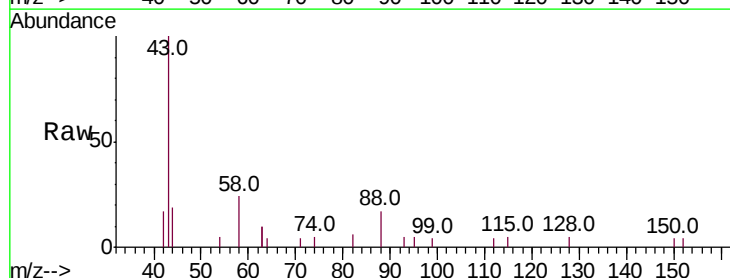
Tgt Ion: 42 Resp: 16

Ion Ratio Lower Upper

42 100

74 18.8 58.9 88.3#

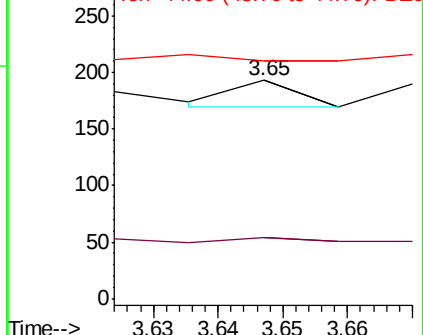
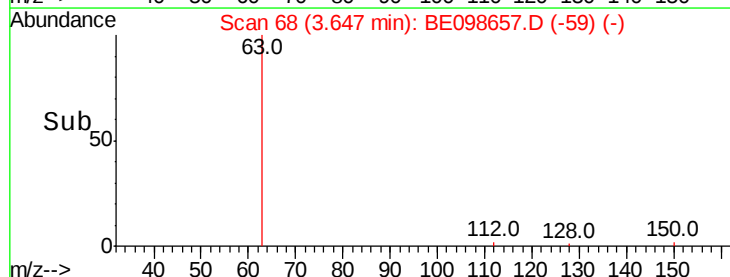
44 0.0 0.0 0.0

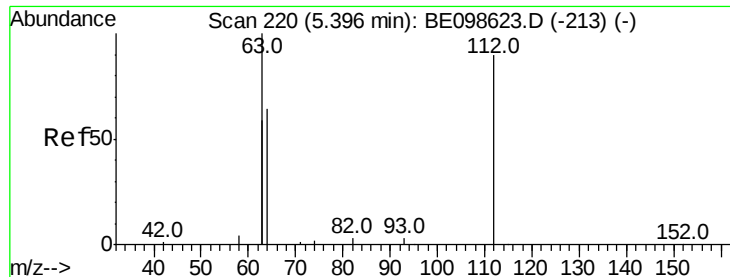


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.224 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampleId :

MW-1

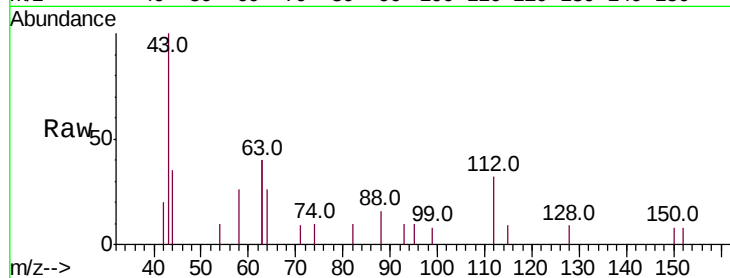
Tot Ion: 112 Resp: 446

Ion Ratio Lower Upper

112 100

64 76.7 62.9 94.3

63 198.9 152.2 228.4



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

600

400

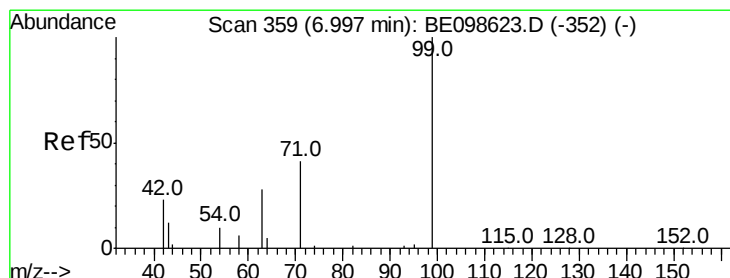
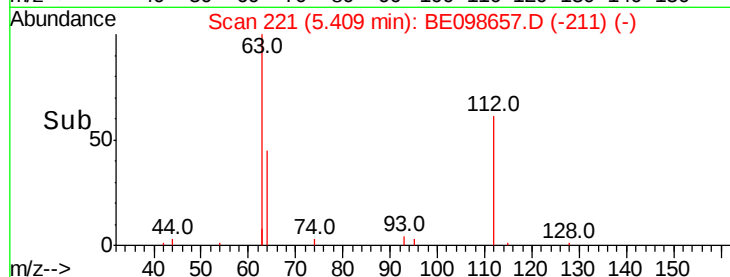
200

0

5.30 5.40 5.50 5.60

5.41

Time-->



#5

Phenol-d6

Concen: 0.119 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.02 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

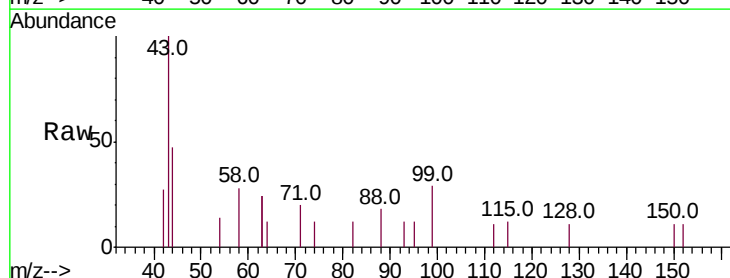
Tgt Ion: 99 Resp: 338

Ion Ratio Lower Upper

99 100

42 0.0 24.6 37.0#

71 40.5 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

150

100

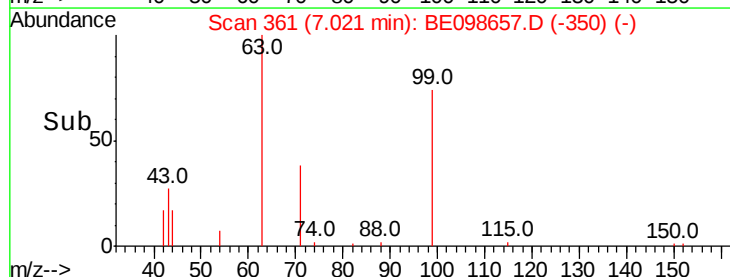
50

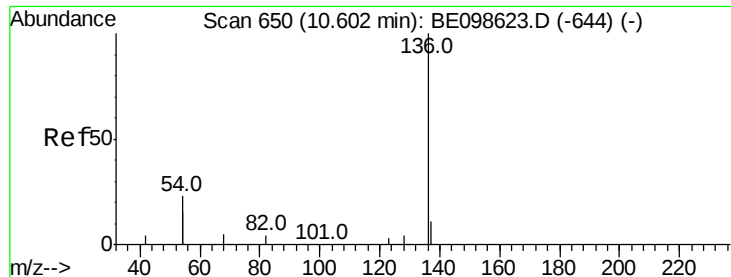
0

6.90 7.00 7.10

7.02

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampled :

MW-1

Tot Ion:136 Resp: 3472

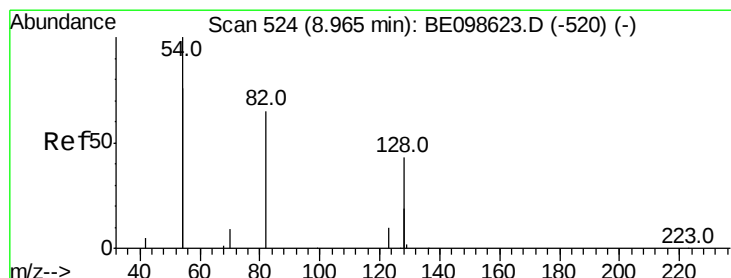
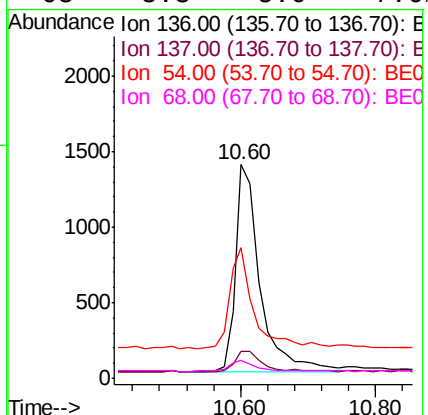
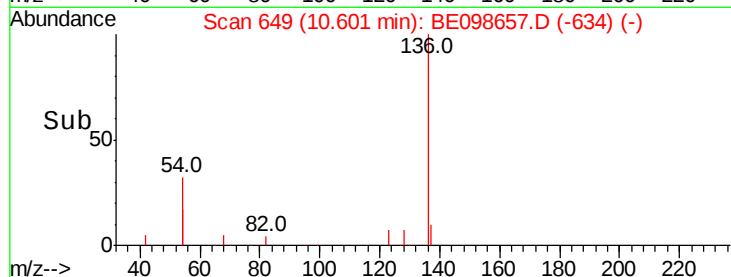
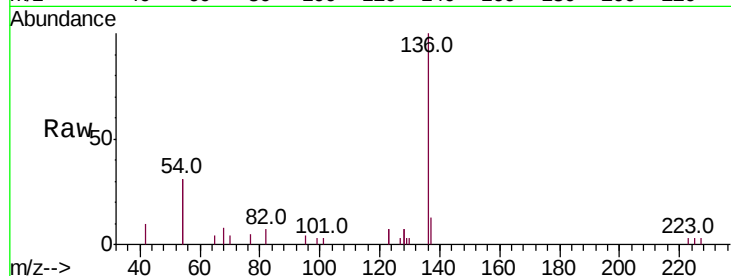
Ion Ratio Lower Upper

136 100

137 12.7 9.7 14.5

54 61.1 35.5 53.3#

68 8.3 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.452 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

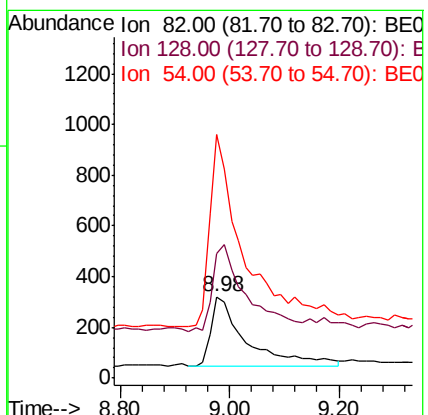
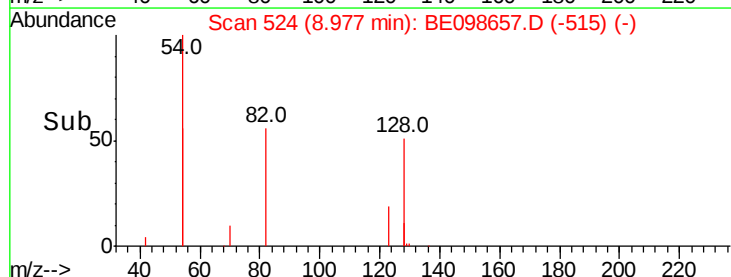
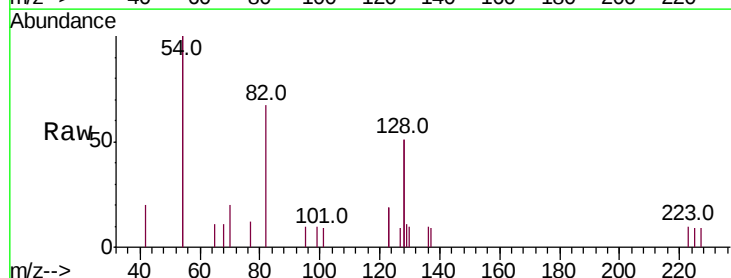
Tgt Ion: 82 Resp: 1245

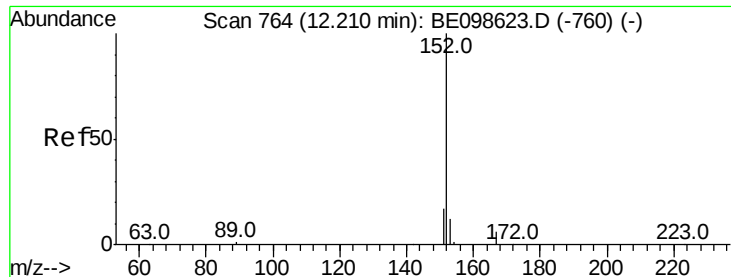
Ion Ratio Lower Upper

82 100

128 153.1 96.5 144.7#

54 300.0 224.7 337.1

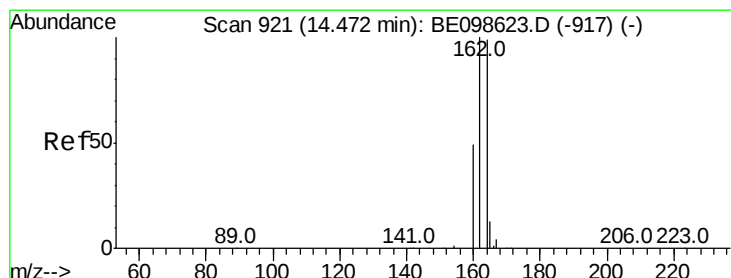
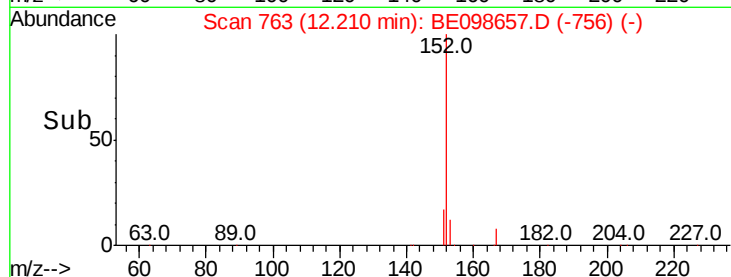
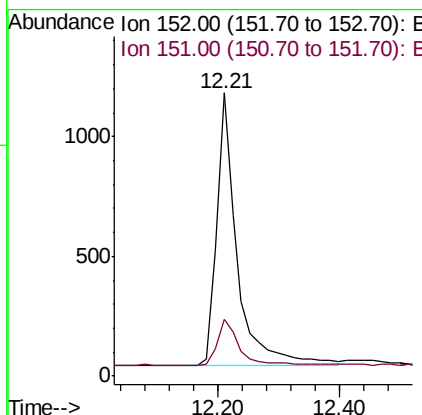
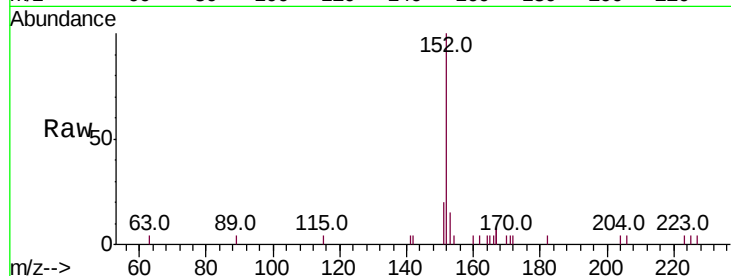




#11
2-Methylnaphthalene-d10
Concen: 0.463 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098657.D
Acq: 17 Jan 2019 21:29

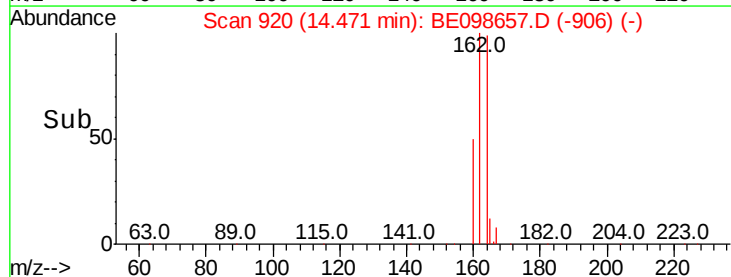
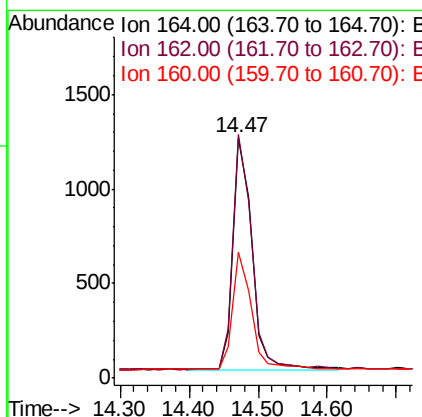
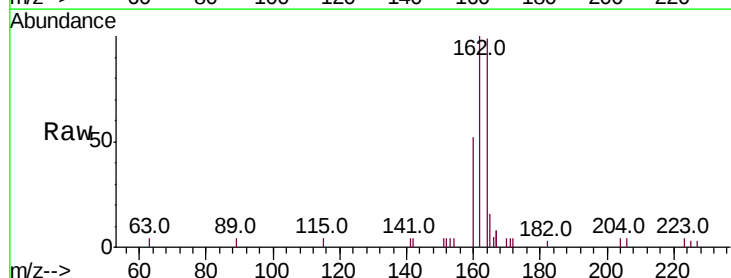
Instrument :
BNA_E
ClientSampleId :
MW-1

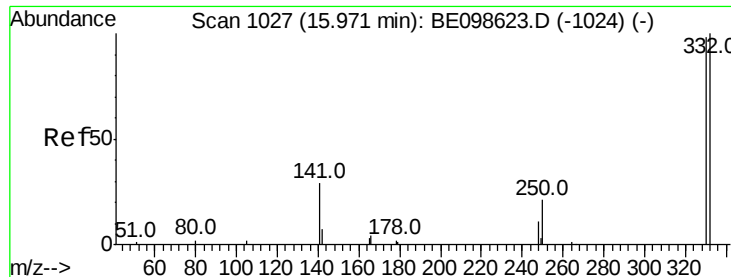
Tot Ion:152 Resp: 2643
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098657.D
Acq: 17 Jan 2019 21:29

Tgt Ion:164 Resp: 2330
Ion Ratio Lower Upper
164 100
162 101.4 80.5 120.7
160 52.6 40.1 60.1





#14

2,4,6-Tribromophenol

Concen: 0.493 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampleId :

MW-1

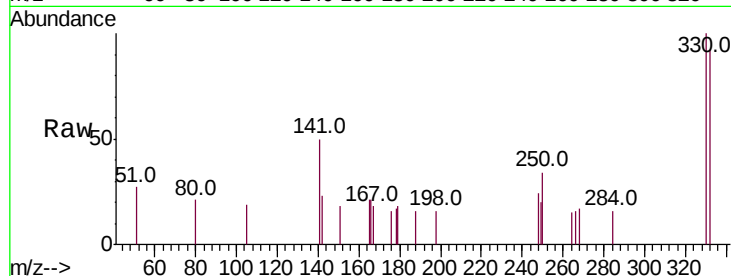
Tot Ion:330 Resp: 500

Ion Ratio Lower Upper

330 100

332 102.4 73.3 109.9

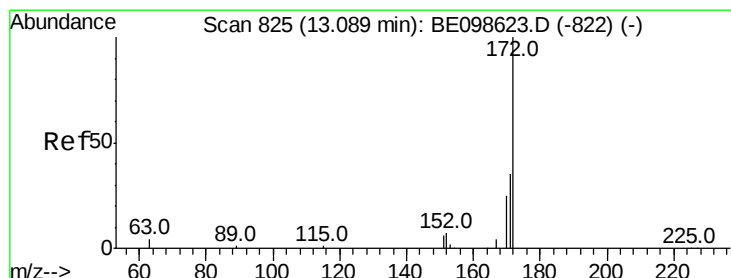
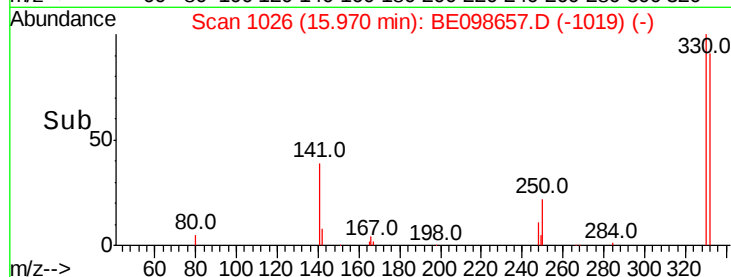
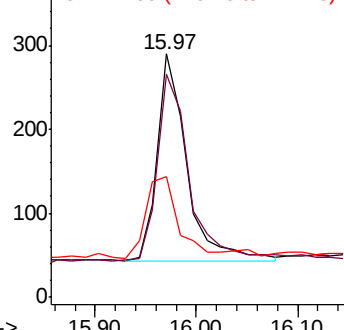
141 44.4 33.1 49.7



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: 0.526 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

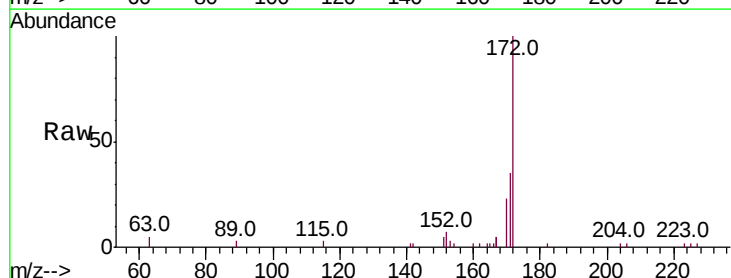
Tgt Ion:172 Resp: 5015

Ion Ratio Lower Upper

172 100

171 34.6 29.0 43.4

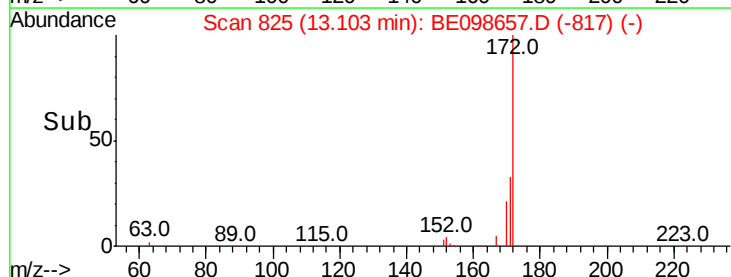
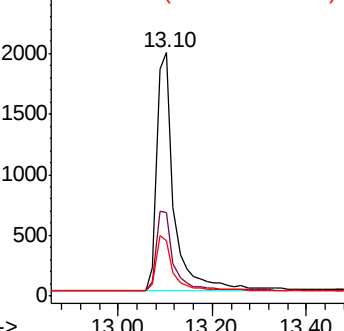
170 22.8 20.8 31.2

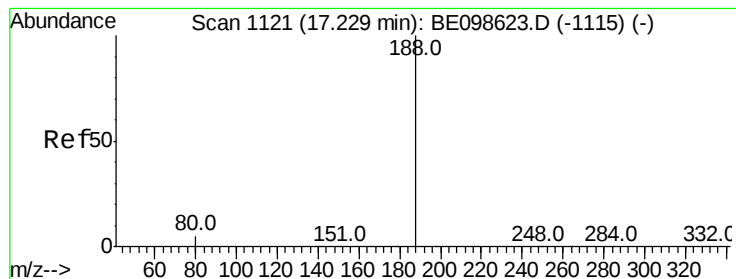


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

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ClientSampleId :

MW-1

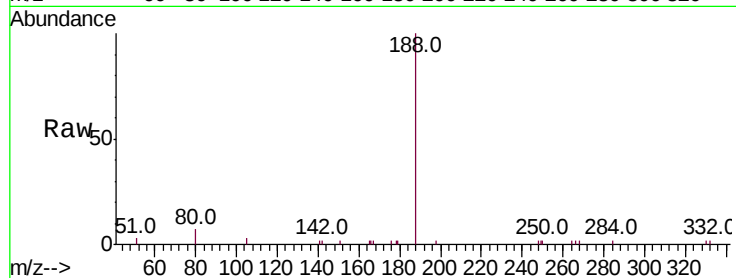
Tot Ion:188 Resp: 5749

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

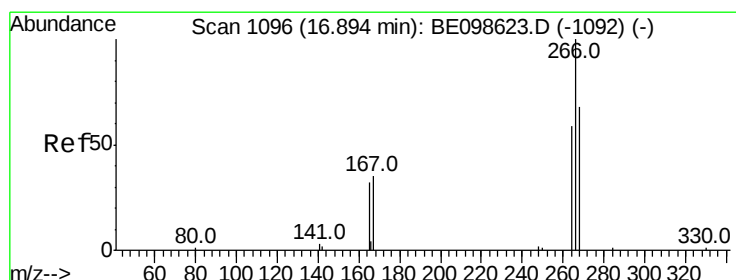
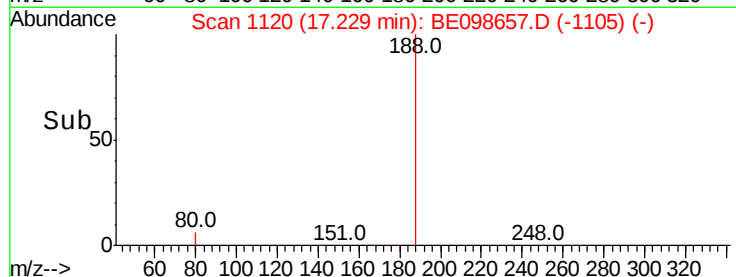
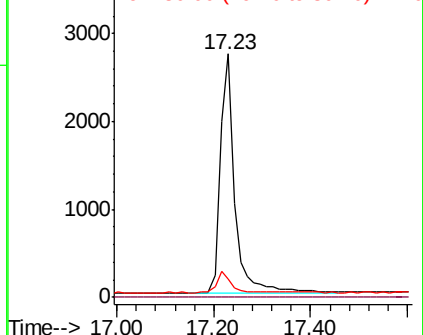
80 7.4 4.7 7.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.208 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

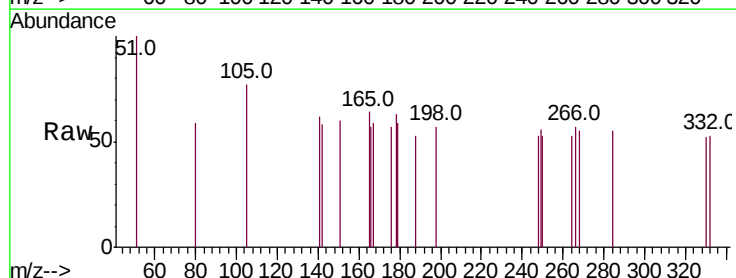
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 93.9 53.7 80.5#

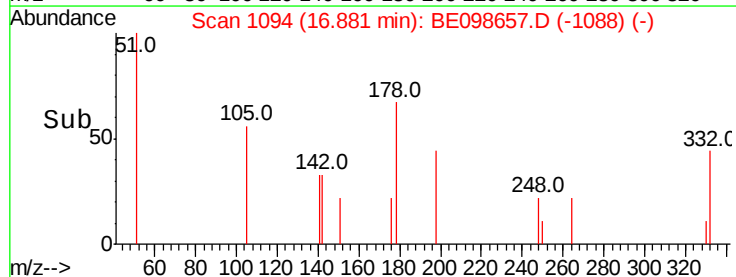
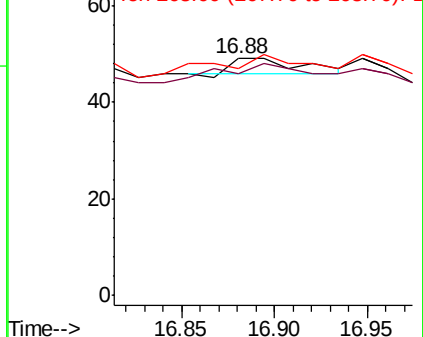
268 95.9 59.8 89.8#

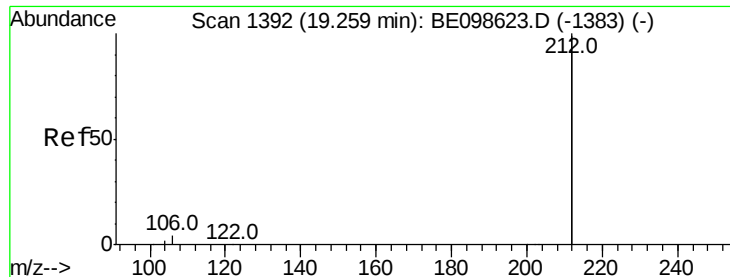


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.478 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampled :

MW-1

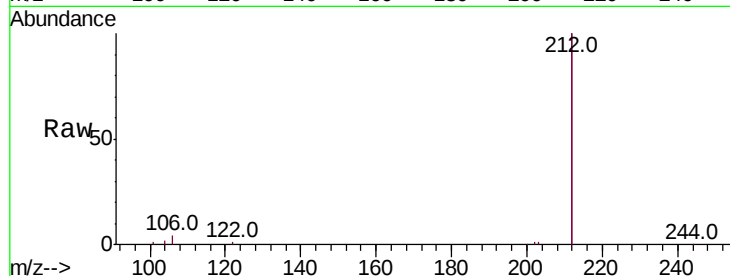
Tot Ion:212 Resp: 34018

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

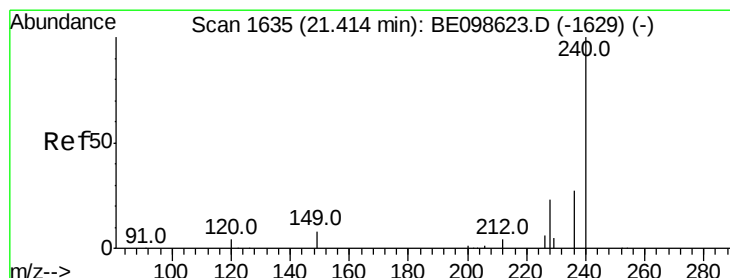
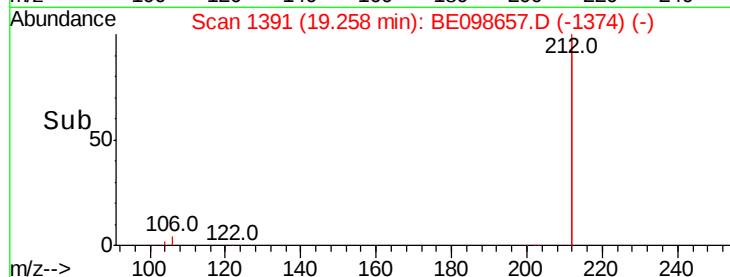
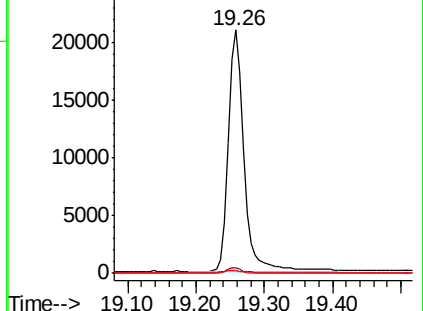
104 1.1 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

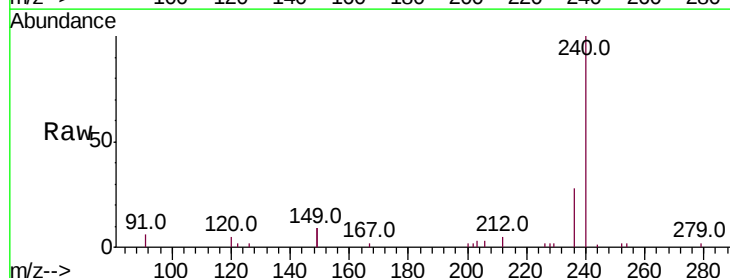
Tgt Ion:240 Resp: 6601

Ion Ratio Lower Upper

240 100

120 4.8 4.7 7.1

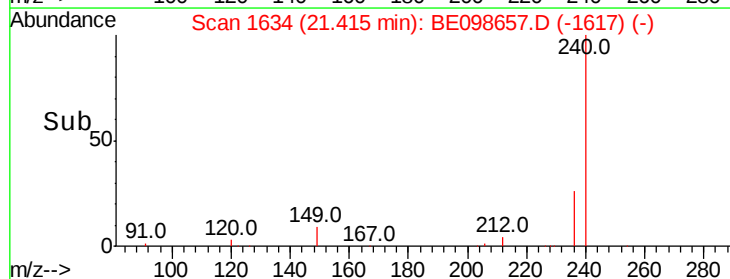
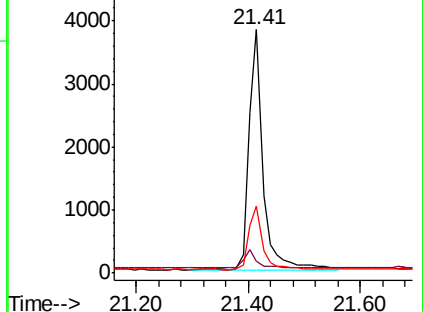
236 27.6 21.9 32.9

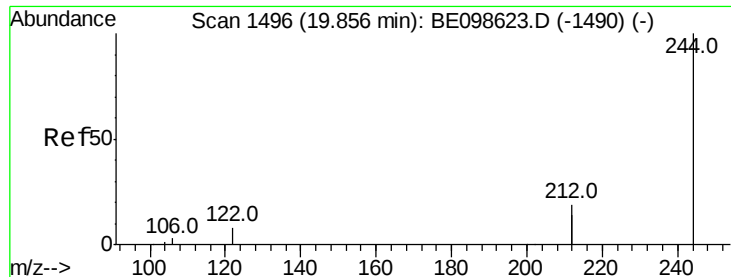


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.515 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

Instrument :

BNA_E

ClientSampleId :

MW-1

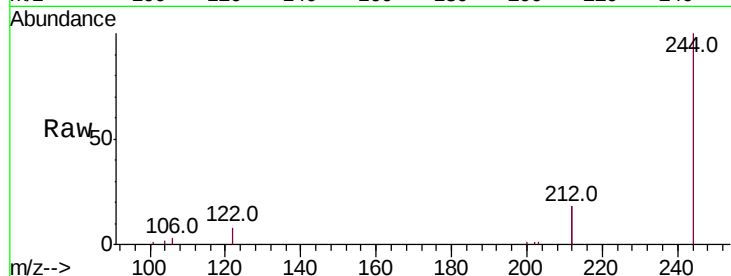
Tot Ion:244 Resp: 7522

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

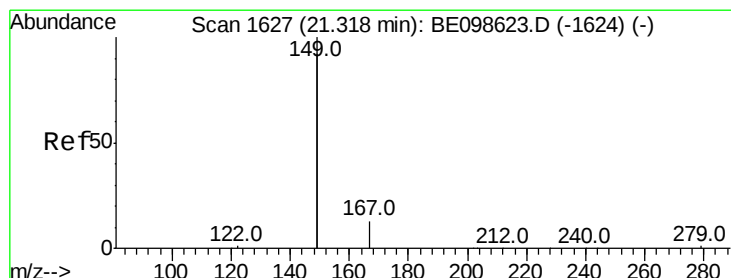
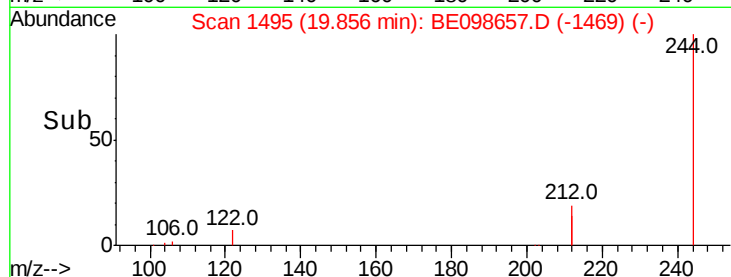
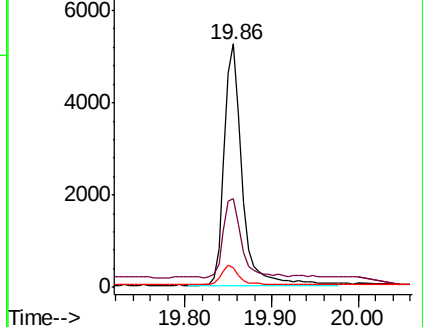
122 8.1 7.1 10.7



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: 0.023 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098657.D

Acq: 17 Jan 2019 21:29

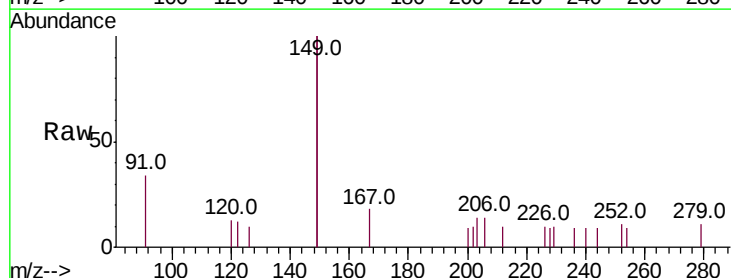
Tgt Ion:149 Resp: 869

Ion Ratio Lower Upper

149 100

167 8.4 5.4 8.2#

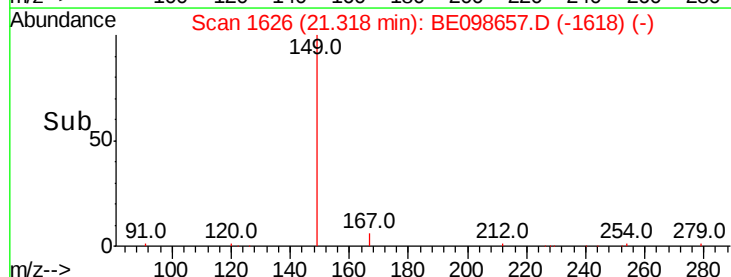
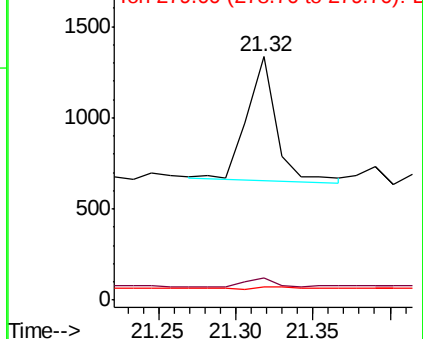
279 3.0 1.0 1.4#

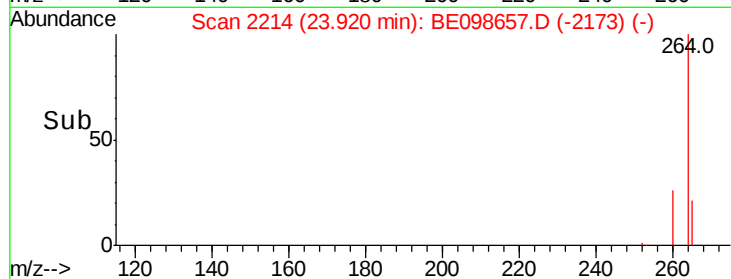
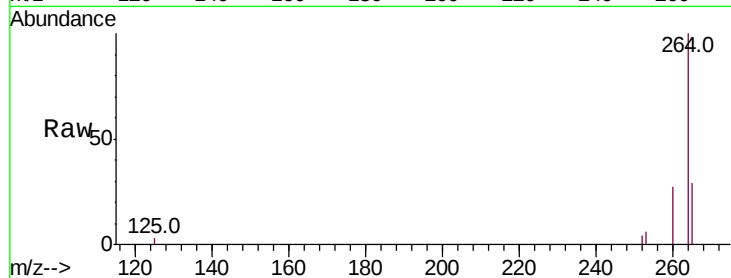
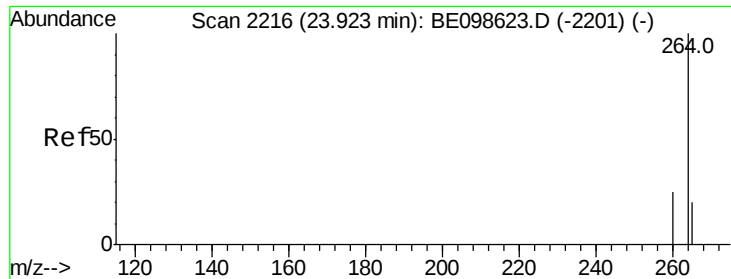


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BE098657.D
 Acq: 17 Jan 2019 21:29

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Tot Ion: 264 Resp: 6282
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.5 30.7
 265 28.8 22.3 33.5

