

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010419\
 Data File : BE098617.D
 Acq On : 4 Jan 2019 16:13
 Operator : SJ/JU
 Sample : PB116164BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 04 21:13:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

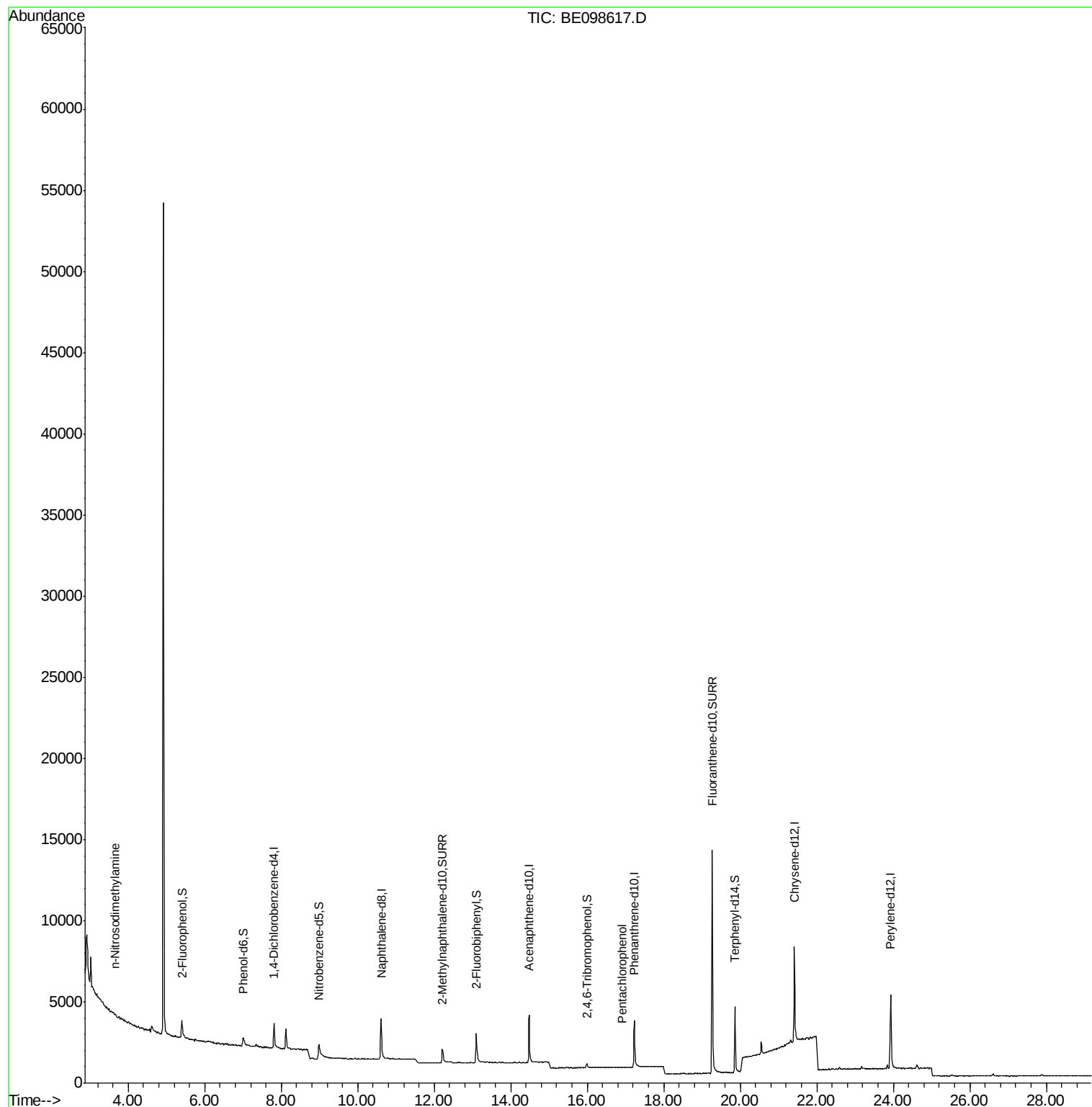
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	947	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3847	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2384	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5514	0.40	ng	0.01
27) Chrysene-d12	21.41	240	6996	0.40	ng	0.01
34) Perylene-d12	23.93	264	7254	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	784	0.35	ng	0.02
5) Phenol-d6	7.01	99	991	0.32	ng	0.02
8) Nitrobenzene-d5	8.99	82	874	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1769	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.99	330	255	0.29	ng	0.02
15) 2-Fluorobiphenyl	13.10	172	2517	0.25	ng	0.02
25) Fluoranthene-d10	19.26	212	20778	0.29	ng	0.01
29) Terphenyl-d14	19.86	244	4345	0.26	ng	0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.66	42	44	0.030	ng	# 100
22) Pentachlorophenol	16.91	266	8	0.032	ng	# 71

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.01 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

Instrument :

BNA_E

ClientSampled :

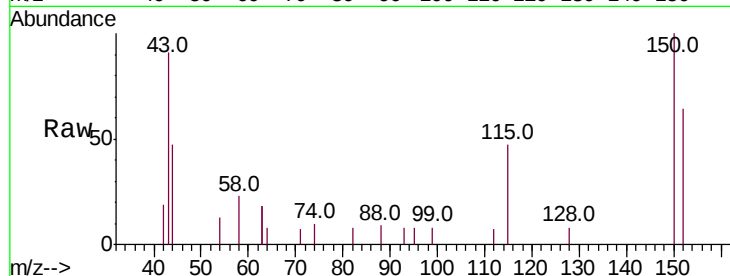
Tot Ion:152 Resp: 947

Ion Ratio Lower Upper

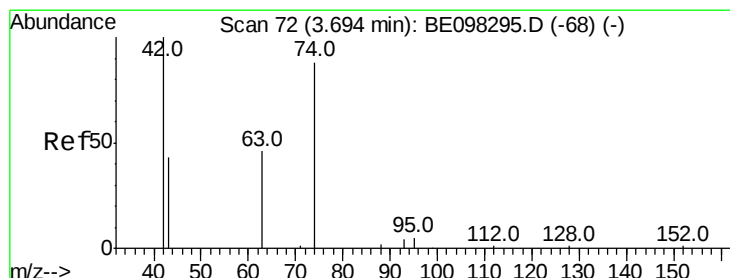
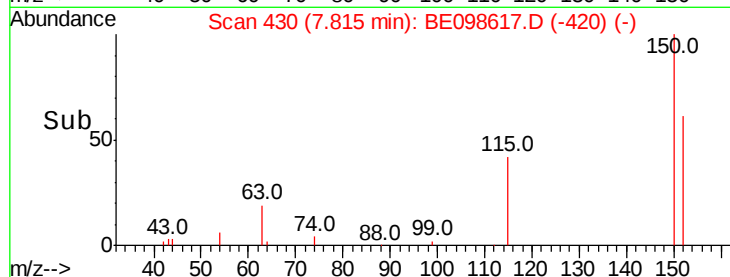
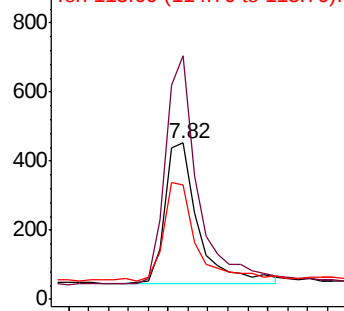
152 100

150 156.0 124.2 186.4

115 73.7 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: 0.030 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.02 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

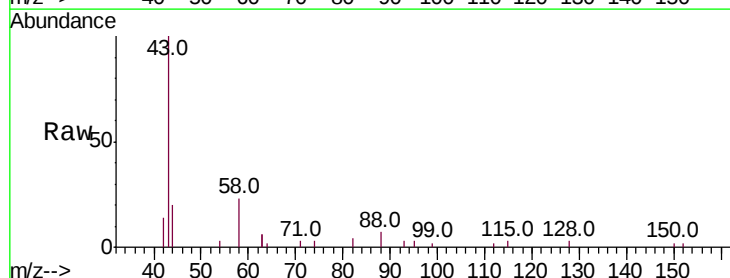
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

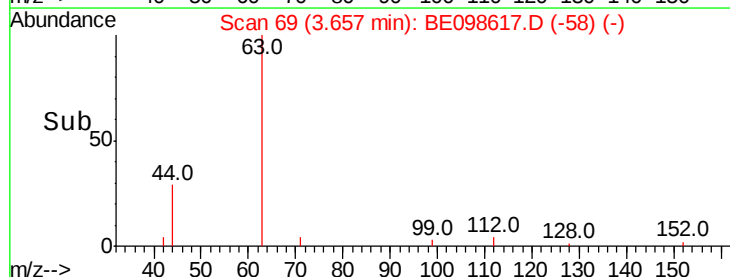
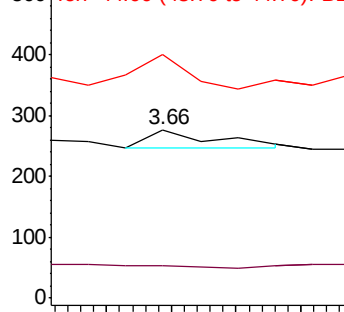
42 100

74 0.0 0.0 0.0

44 143.2 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: 0.354 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

Instrument :

BNA_E

ClientSampled :

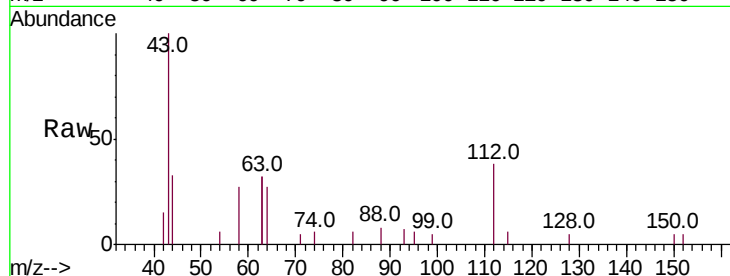
Tot Ion:112 Resp: 784

Ion Ratio Lower Upper

112 100

64 84.6 59.8 89.8

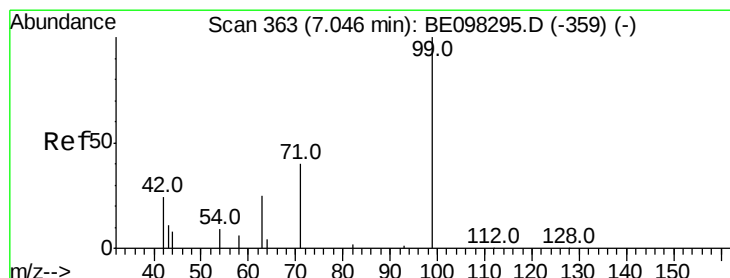
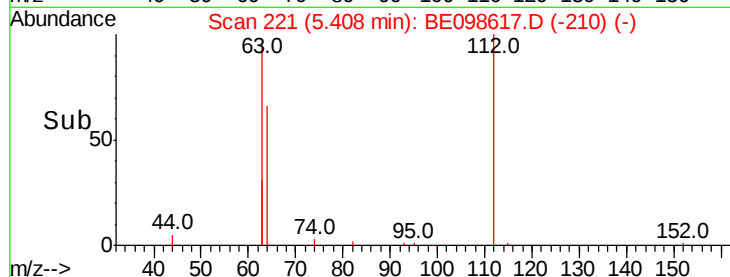
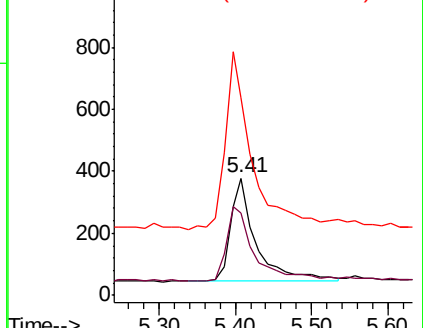
63 182.3 133.7 200.5



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: 0.316 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

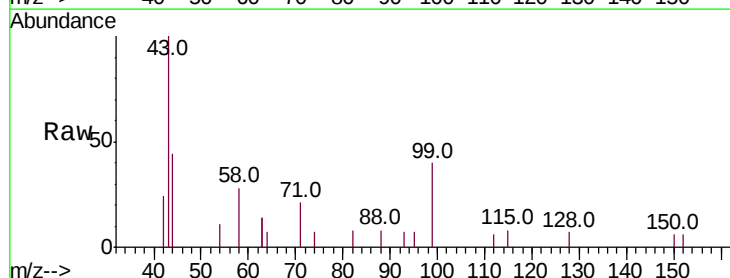
Tgt Ion: 99 Resp: 991

Ion Ratio Lower Upper

99 100

42 32.6 26.3 39.5

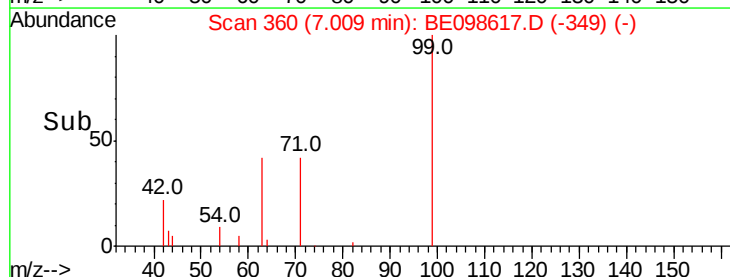
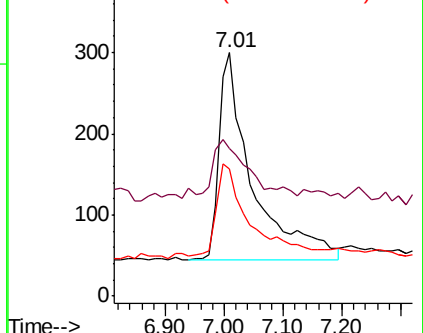
71 44.1 33.6 50.4



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3847

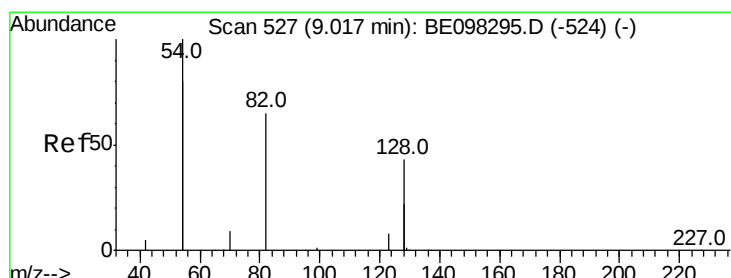
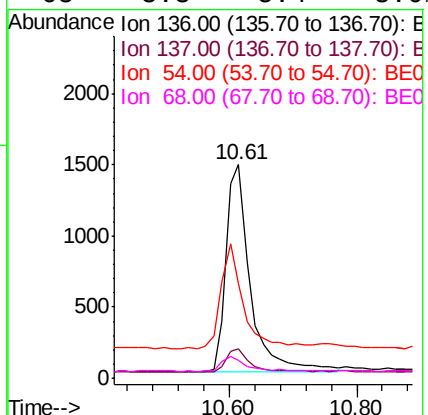
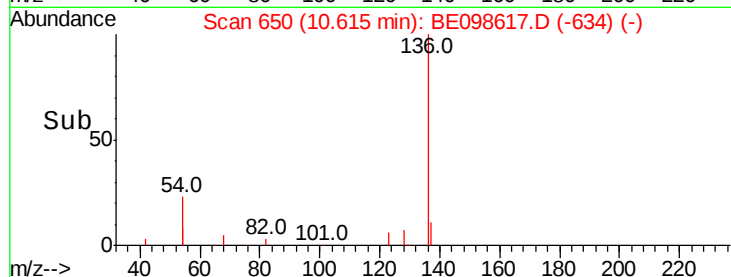
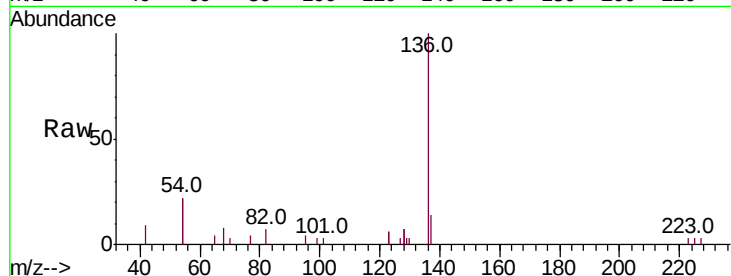
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 44.4 28.4 42.6#

68 8.3 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.250 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

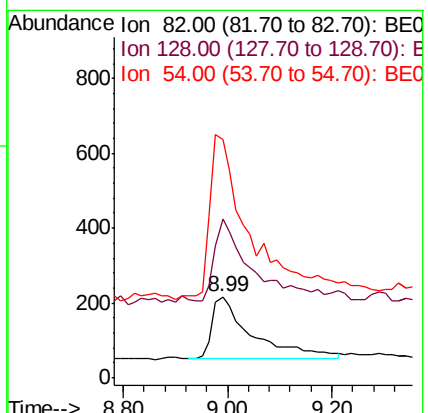
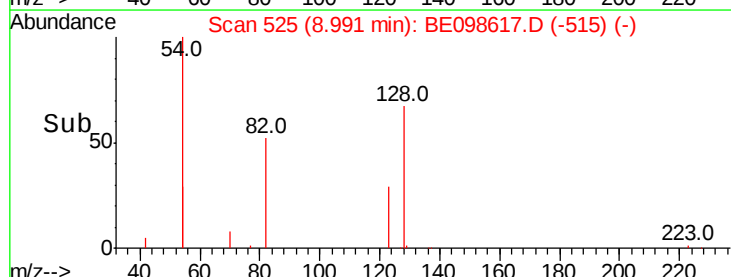
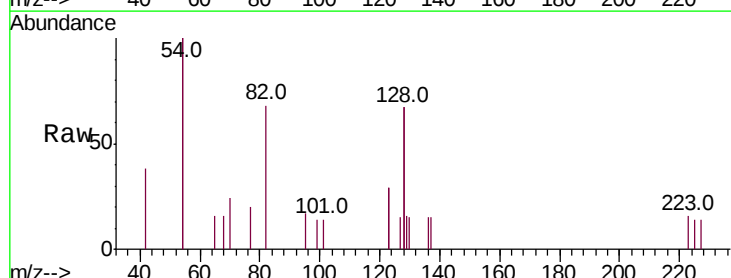
Tgt Ion: 82 Resp: 874

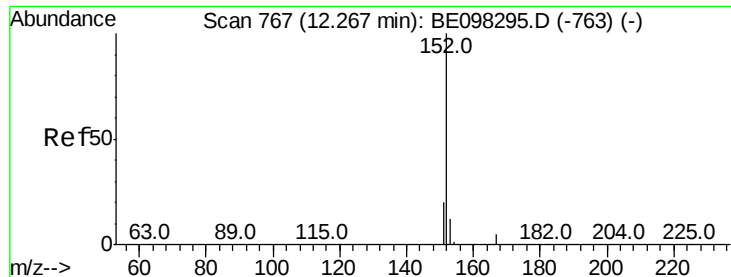
Ion Ratio Lower Upper

82 100

128 196.3 102.4 153.6#

54 294.0 221.8 332.8

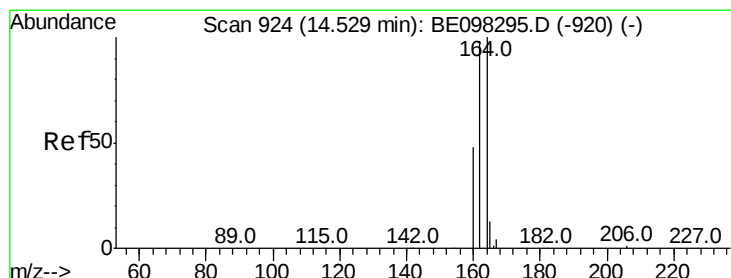
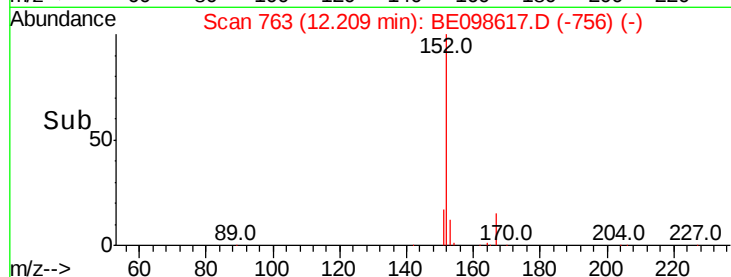
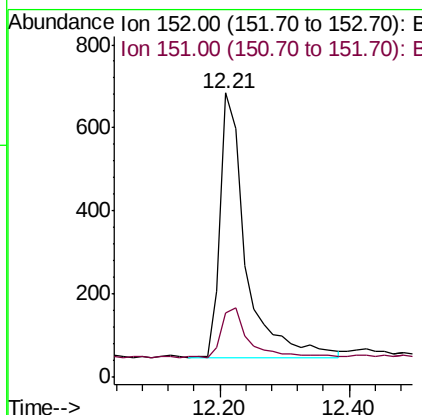
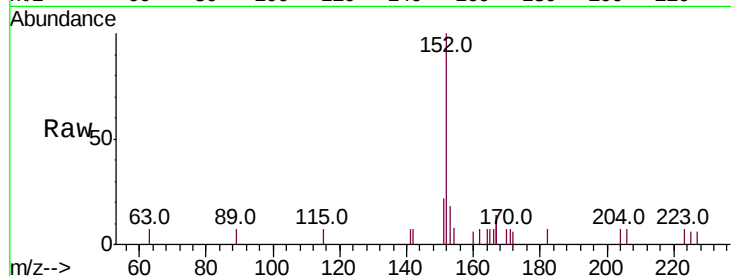




#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098617.D
Acq: 4 Jan 2019 16:13

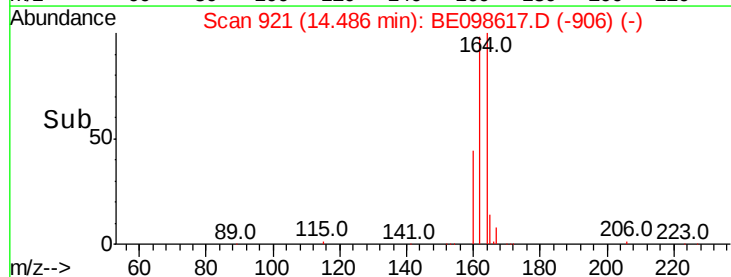
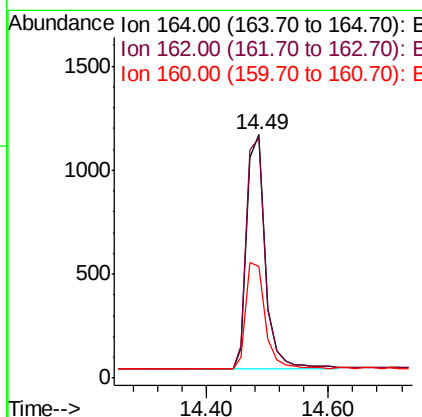
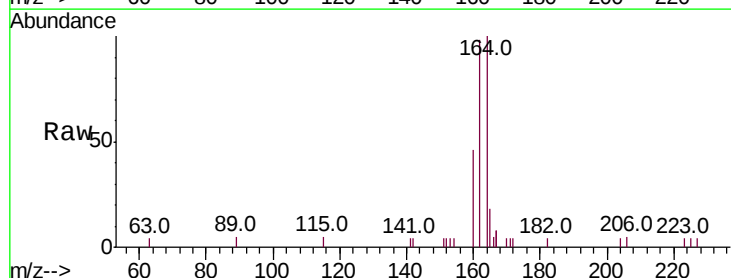
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1769
Ion Ratio Lower Upper
152 100
151 18.8 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.02 min
Lab File: BE098617.D
Acq: 4 Jan 2019 16:13

Tgt Ion:164 Resp: 2384
Ion Ratio Lower Upper
164 100
162 98.5 77.6 116.4
160 45.8 36.0 54.0





#14

2,4,6-Tribromophenol

Concen: 0.291 ng

RT: 15.99 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

Instrument :

BNA_E

ClientSampleId :

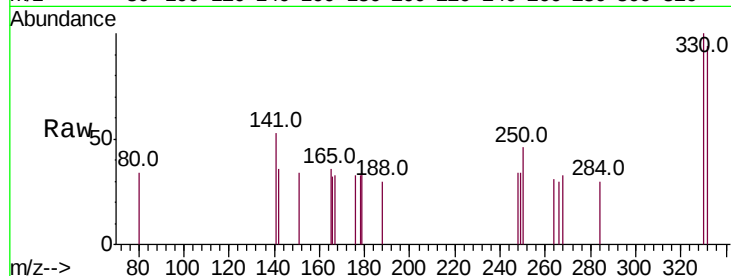
Tot Ion:330 Resp: 255

Ion Ratio Lower Upper

330 100

332 92.5 76.2 114.4

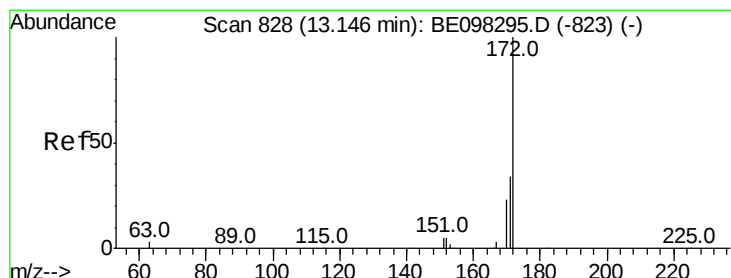
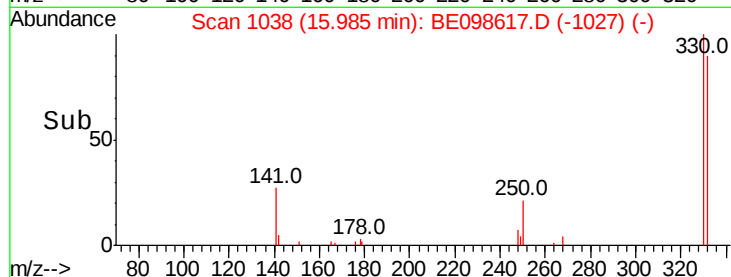
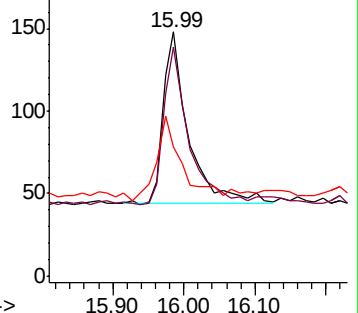
141 48.6 39.0 58.4



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: 0.250 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.02 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

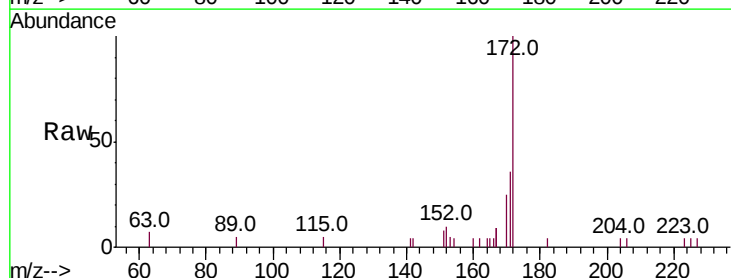
Tgt Ion:172 Resp: 2517

Ion Ratio Lower Upper

172 100

171 36.2 27.5 41.3

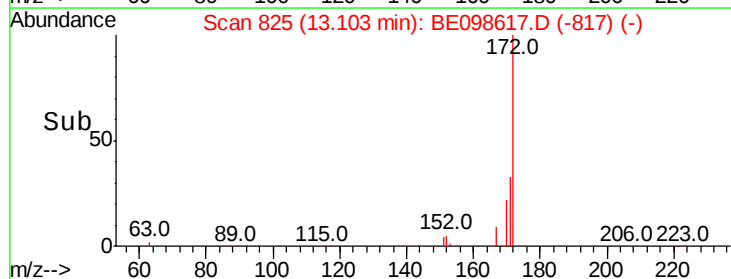
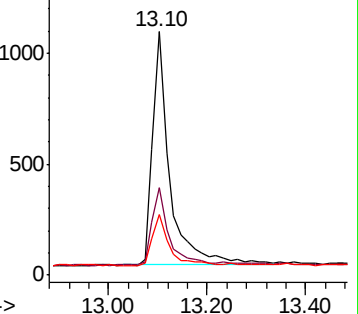
170 25.0 19.6 29.4

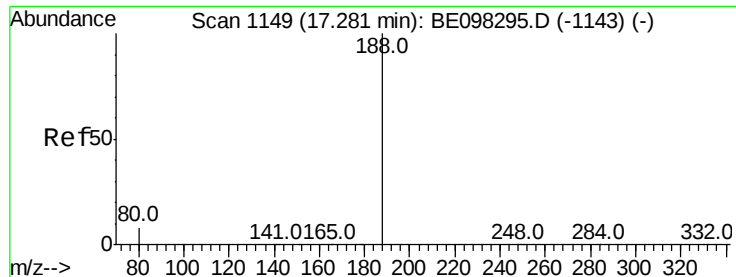


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

Instrument :

BNA_E

ClientSampleId :

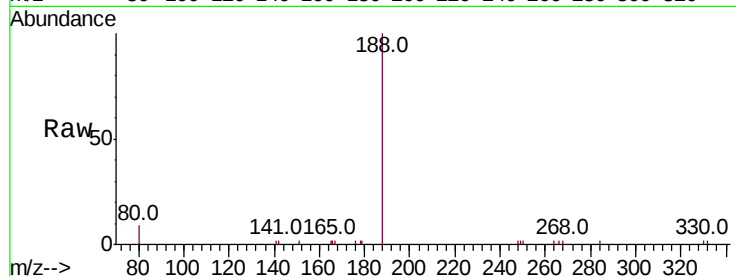
Tot Ion:188 Resp: 5514

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

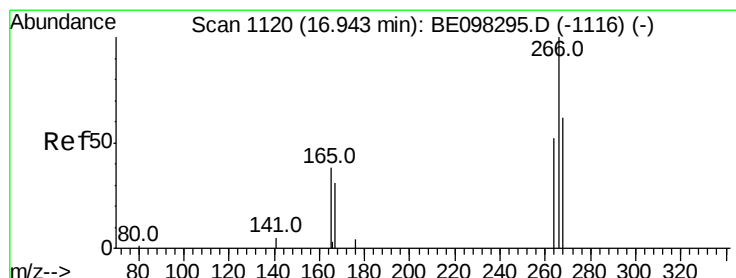
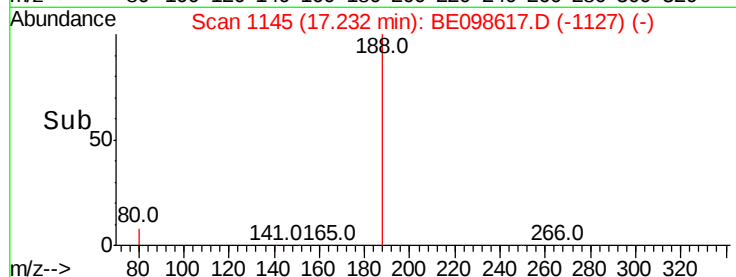
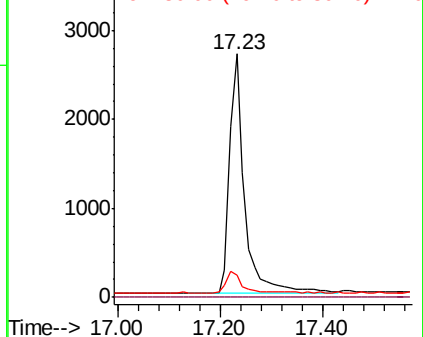
80 9.4 7.2 10.8



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: 0.032 ng

RT: 16.91 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

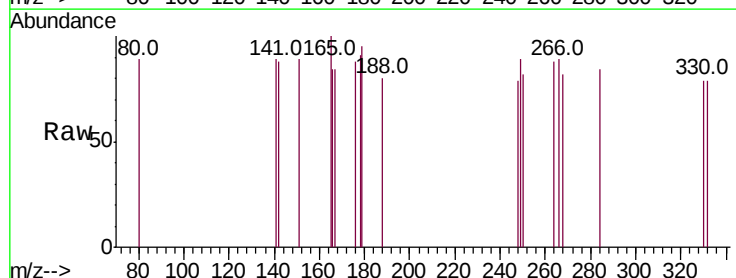
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 98.0 59.0 88.4#

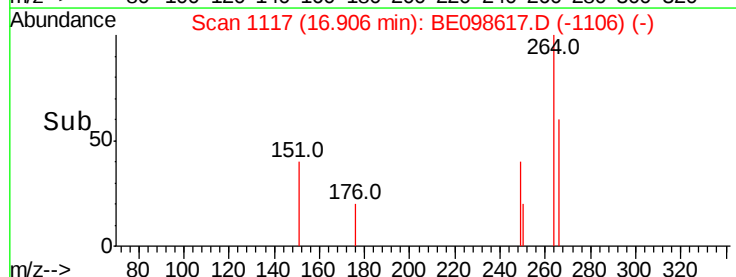
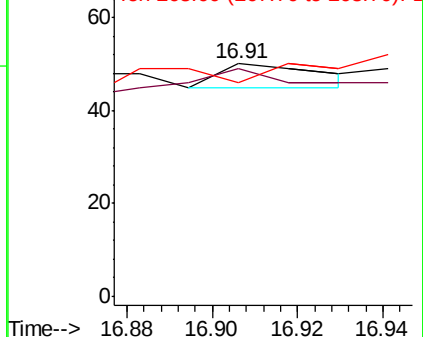
268 92.0 55.1 82.7#

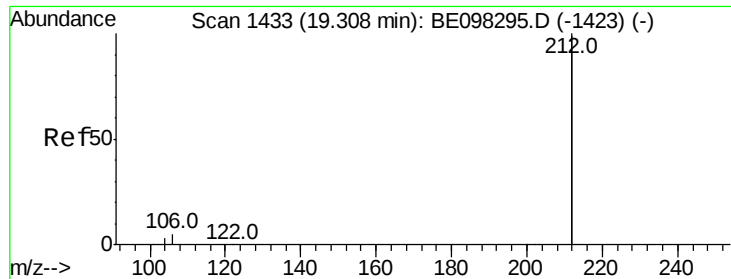


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.294 ng

RT: 19.26 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

Instrument :

BNA_E

ClientSampleId :

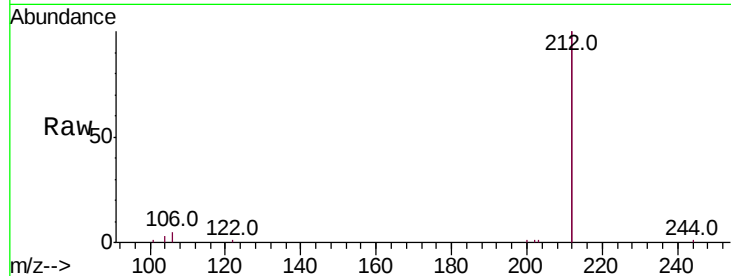
Tot Ion:212 Resp: 20778

Ion Ratio Lower Upper

212 100

106 2.2 2.2 3.2#

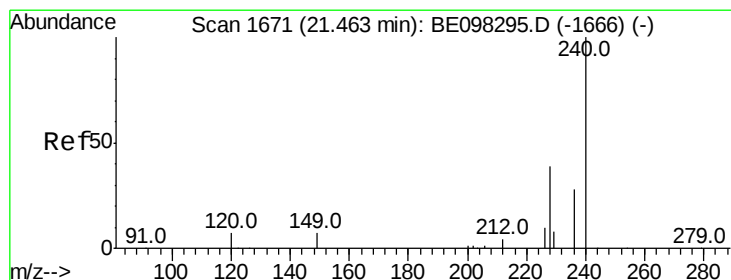
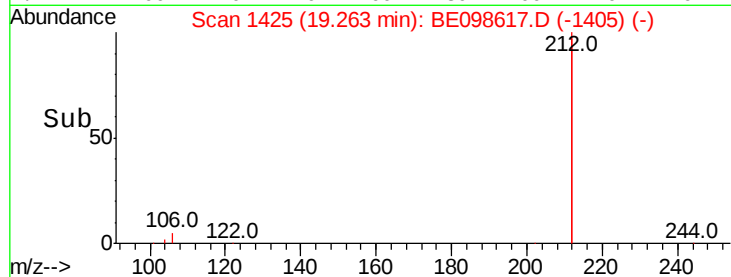
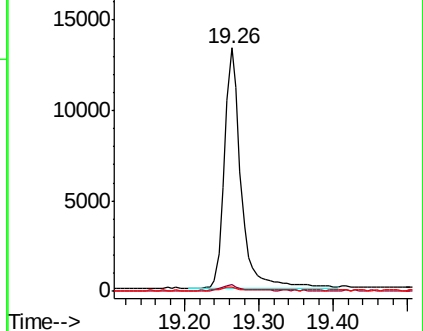
104 1.3 1.3 1.9#



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: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

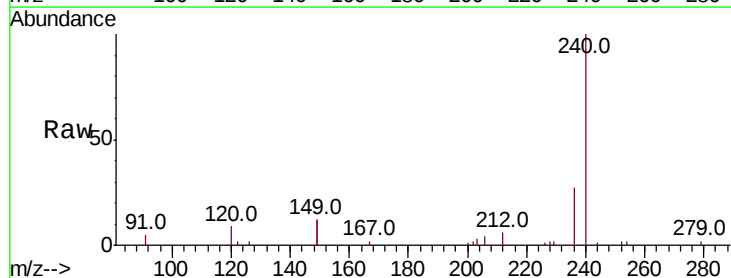
Tgt Ion:240 Resp: 6996

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

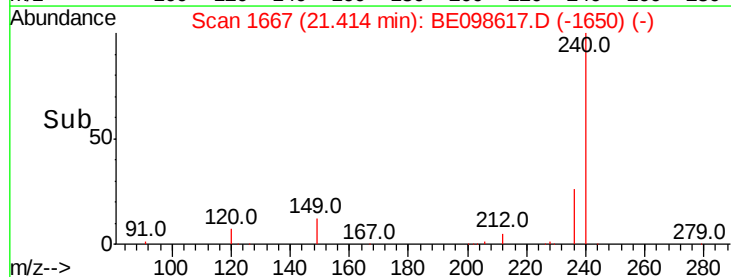
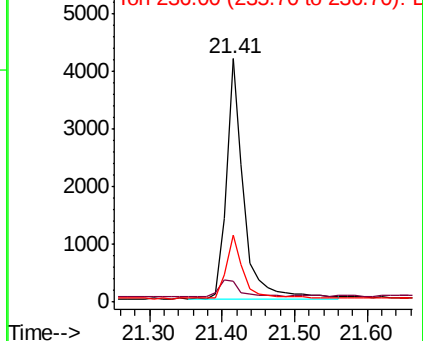
236 27.2 22.7 34.1

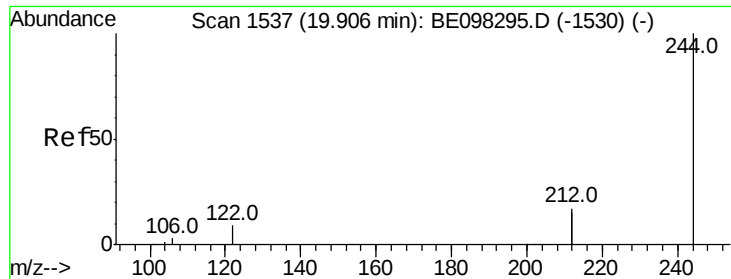


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.256 ng

RT: 19.86 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

Instrument :

BNA_E

ClientSampleId :

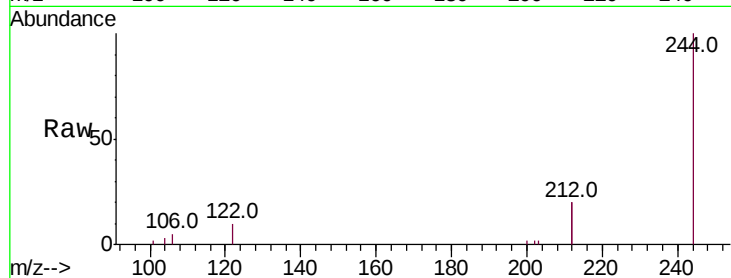
Tot Ion:244 Resp: 4345

Ion Ratio Lower Upper

244 100

212 40.7 27.4 41.0

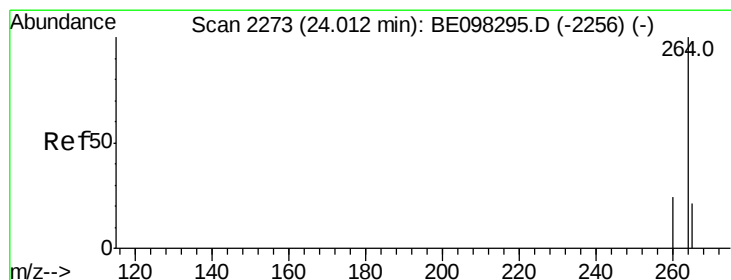
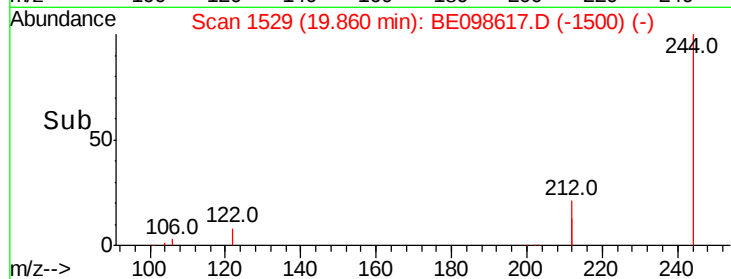
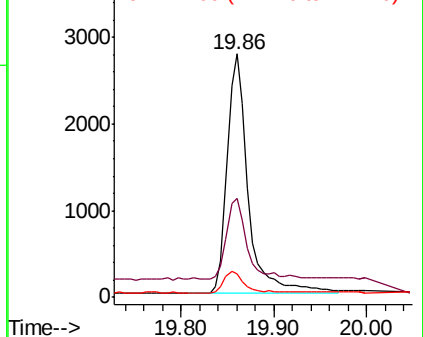
122 9.6 8.3 12.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2249

Delta R.T. -0.03 min

Lab File: BE098617.D

Acq: 4 Jan 2019 16:13

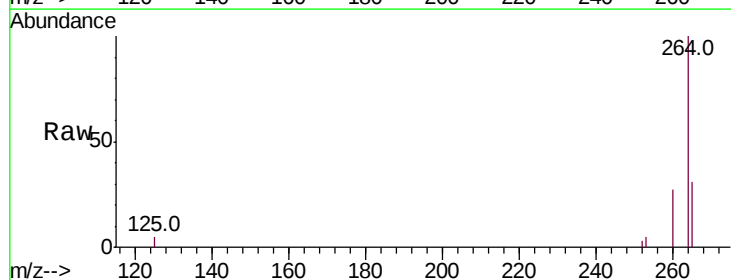
Tgt Ion:264 Resp: 7254

Ion Ratio Lower Upper

264 100

260 26.5 20.2 30.2

265 31.0 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

