

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040319\
 Data File : BE099287.D
 Acq On : 3 Apr 2019 12:27
 Operator : JU/SJ
 Sample : PB118407BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118407BL

Quant Time: Apr 04 03:42:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

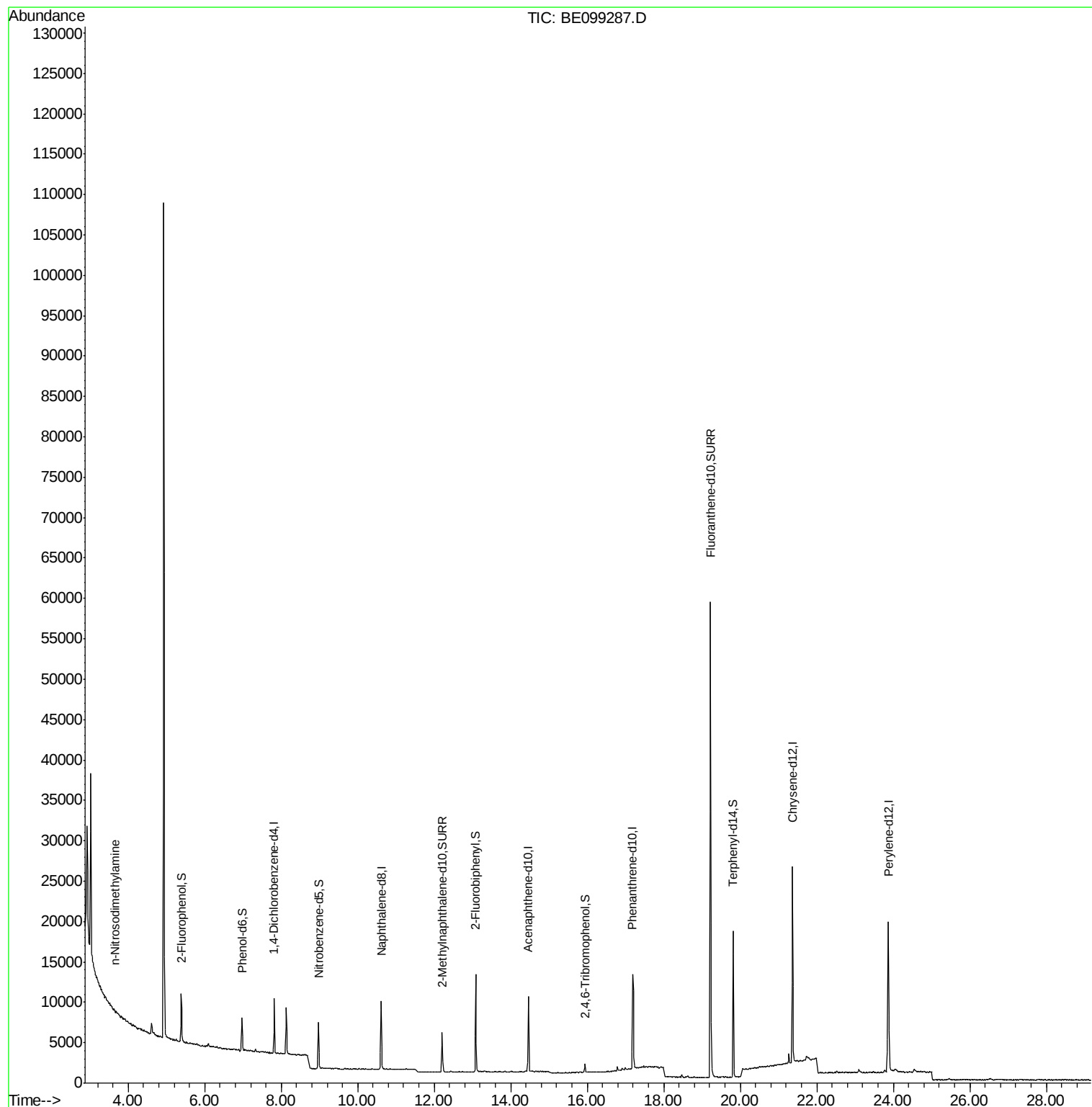
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3400	0.40	ng	-0.03
7) Naphthalene-d8	10.61	136	11094	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	6401	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	18846	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	24323	0.40	ng	-0.02
34) Perylene-d12	23.87	264	29360	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3235	0.36	ng	-0.01
5) Phenol-d6	6.97	99	4240	0.34	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2870	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	6634	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	693	0.23	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	10483	0.42	ng	-0.01
25) Fluoranthene-d10	19.22	212	80161	0.32	ng	-0.02
29) Terphenyl-d14	19.82	244	15991	0.36	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	171	0.063	ng	Qvalue # 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.03 min

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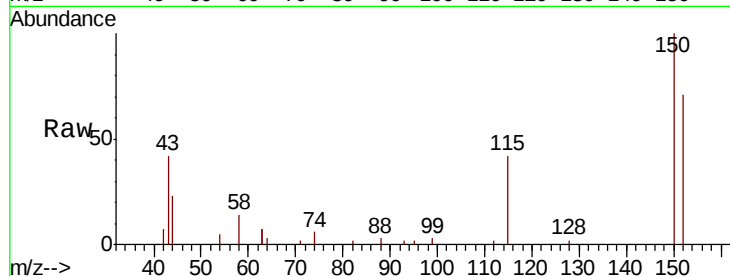
Tgt Ion:152 Resp: 3400

Ion Ratio Lower Upper

152 100

150 141.5 112.8 169.2

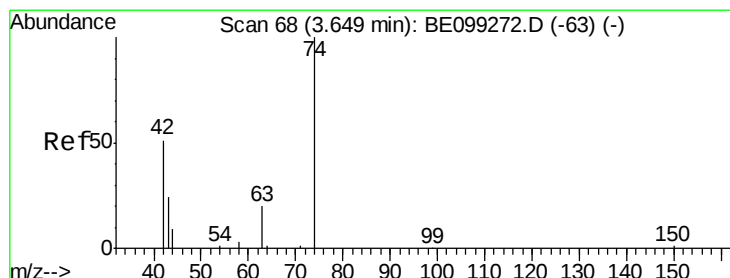
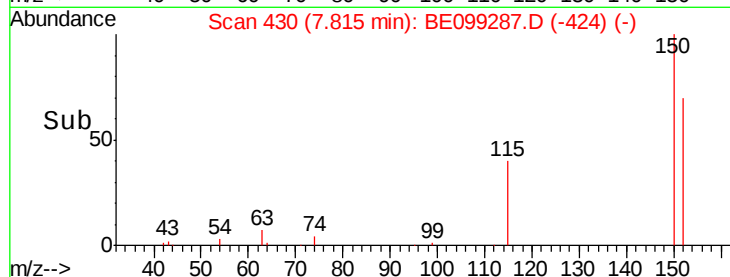
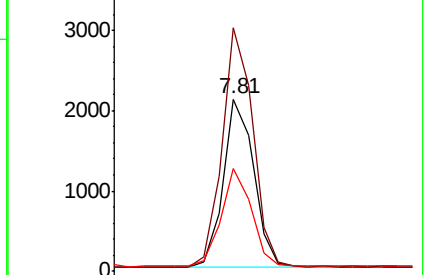
115 59.4 45.1 67.7



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: 0.063 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.03 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

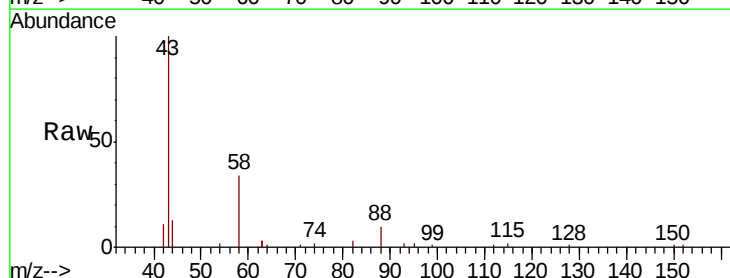
Tgt Ion: 42 Resp: 171

Ion Ratio Lower Upper

42 100

74 4.7 138.6 207.8#

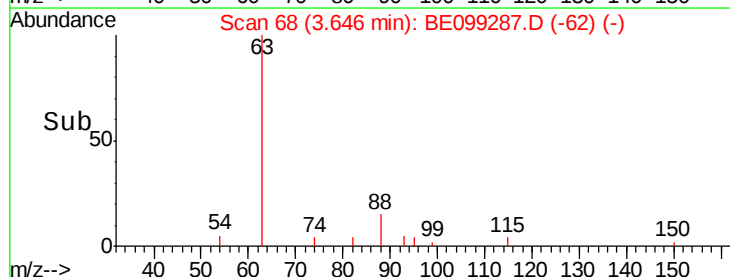
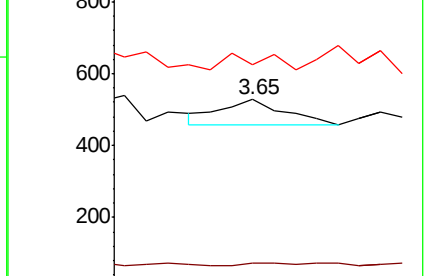
44 0.0 15.0 22.6#

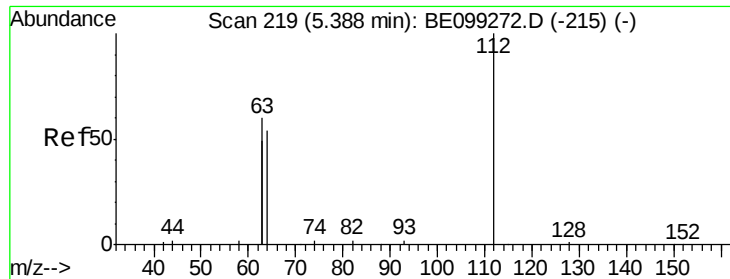


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.358 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

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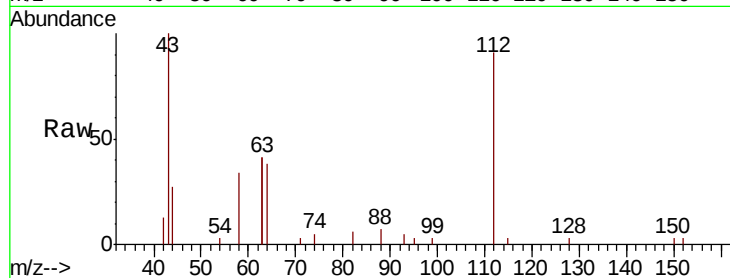
Tgt Ion: 112 Resp: 3235

Ion Ratio Lower Upper

112 100

64 59.0 46.2 69.2

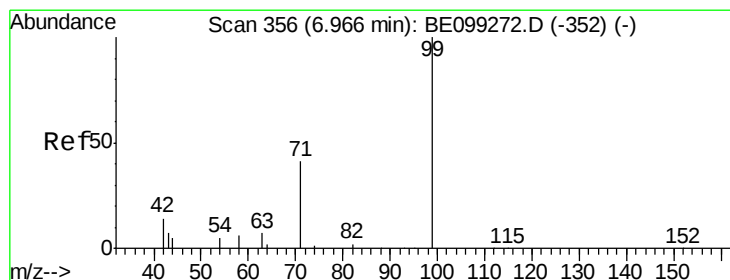
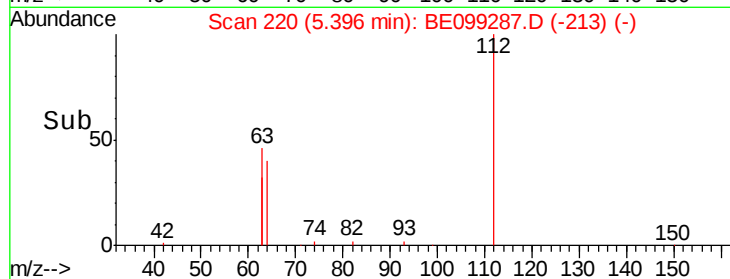
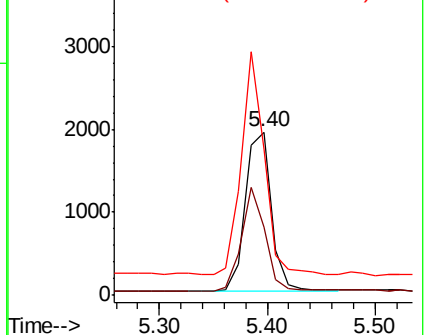
63 121.4 89.9 134.9



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: 0.341 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

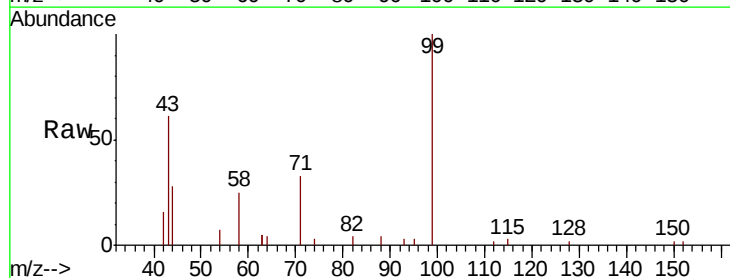
Tgt Ion: 99 Resp: 4240

Ion Ratio Lower Upper

99 100

42 12.6 12.4 18.6

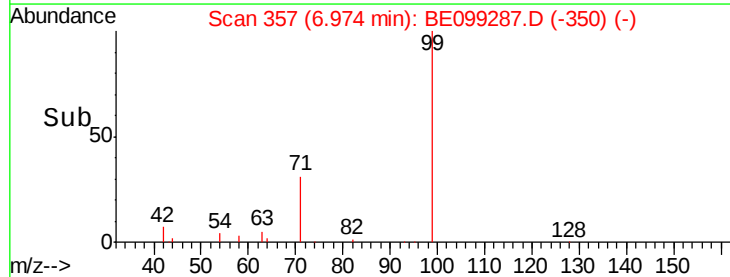
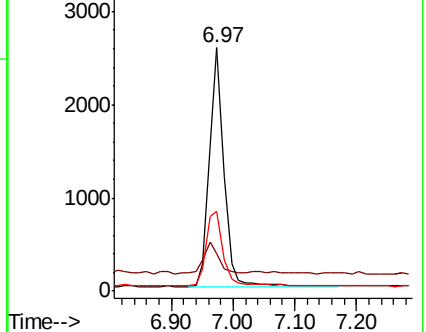
71 36.2 28.4 42.6

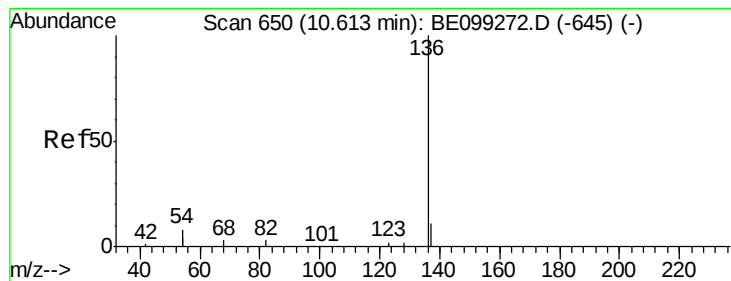


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099287.D

Acq: 3 Apr 2019 12:27

Instrument :

BNA_E

ClientSampleId :

PB118407BL

Tgt Ion:136 Resp: 11094

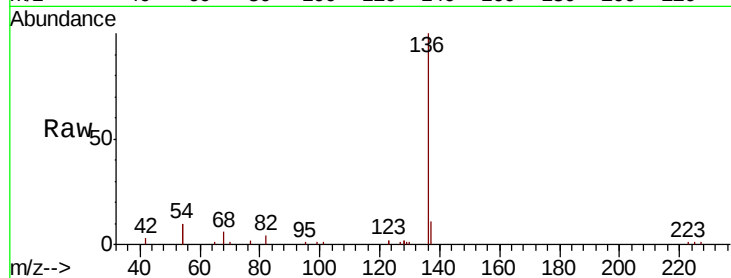
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 19.8 18.7 28.1

68 5.6 5.2 7.8

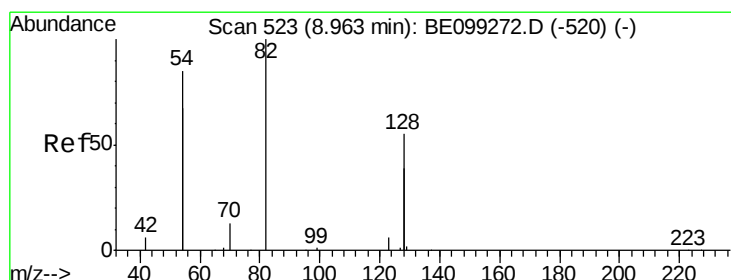
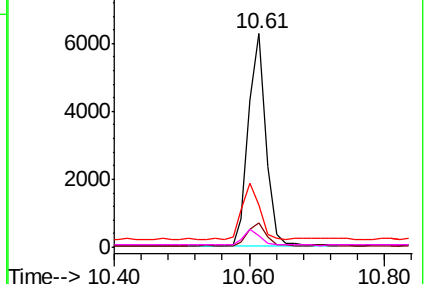
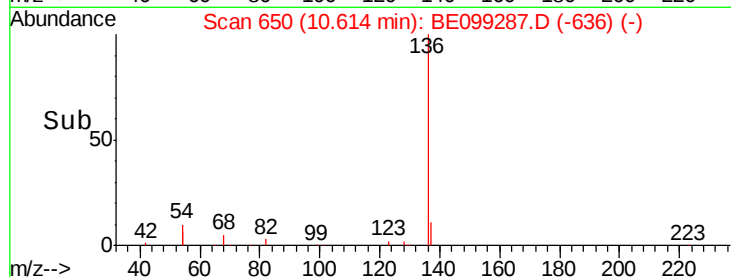


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

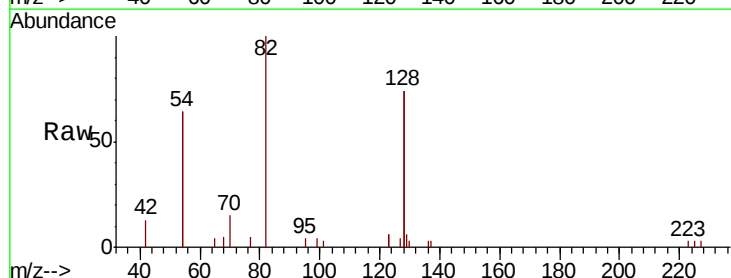
Tgt Ion: 82 Resp: 2870

Ion Ratio Lower Upper

82 100

128 149.0 107.5 161.3

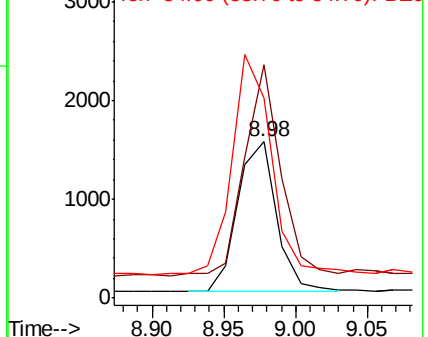
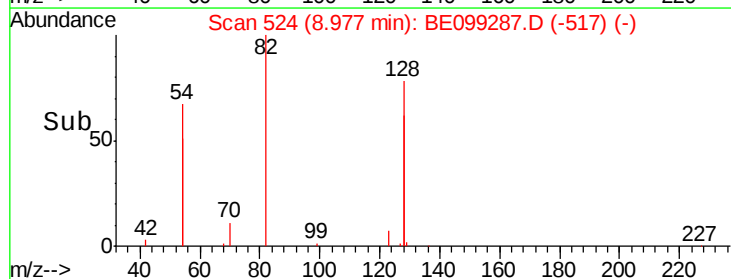
54 127.8 106.3 159.5

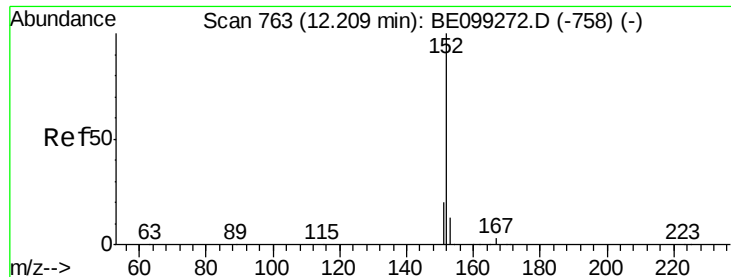


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

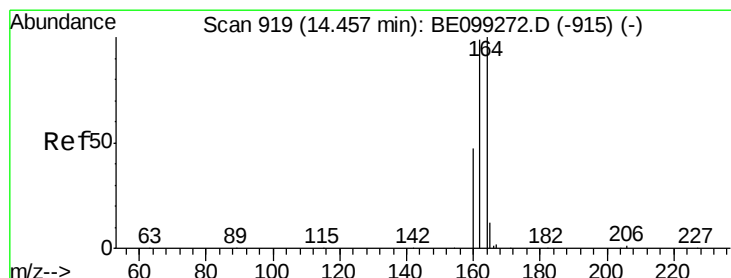
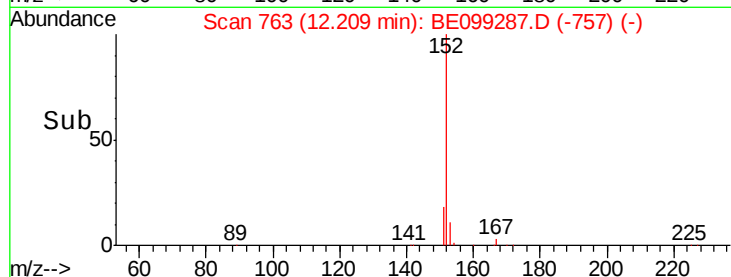
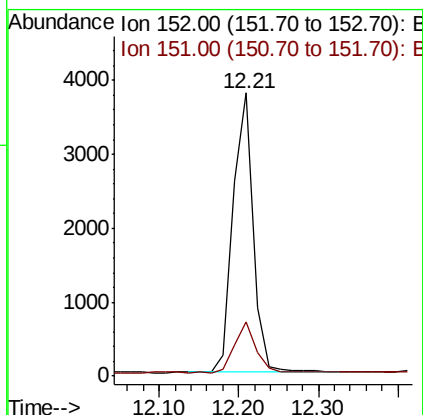
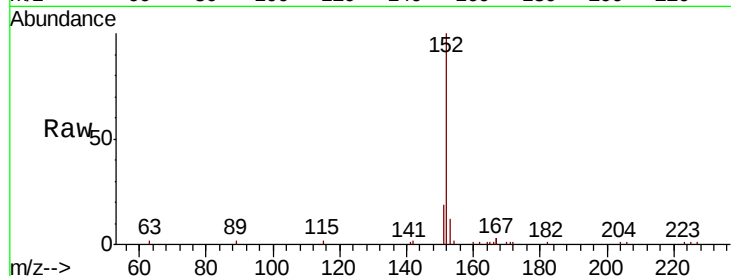




#11
 2-Methylnaphthalene-d10
 Concen: 0.343 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099287.D
 Acq: 3 Apr 2019 12:27

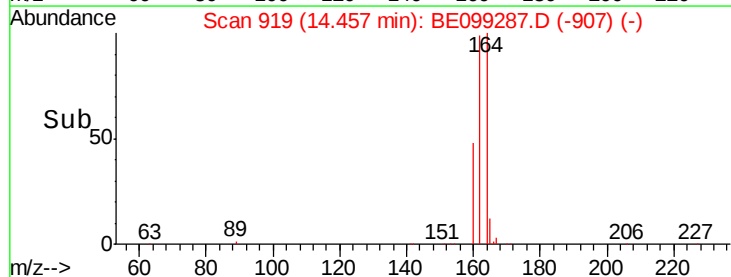
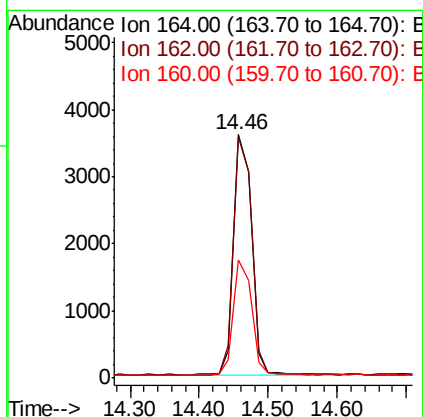
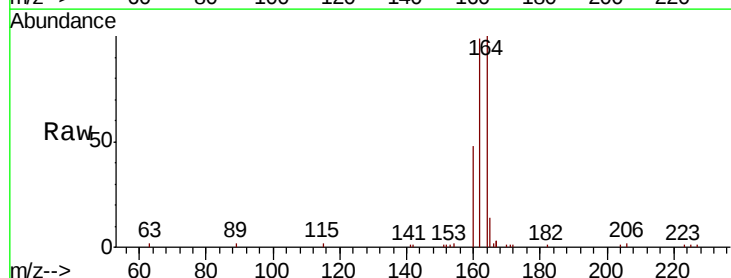
Instrument :
 BNA_E
 ClientSampleId :
 PB118407BL

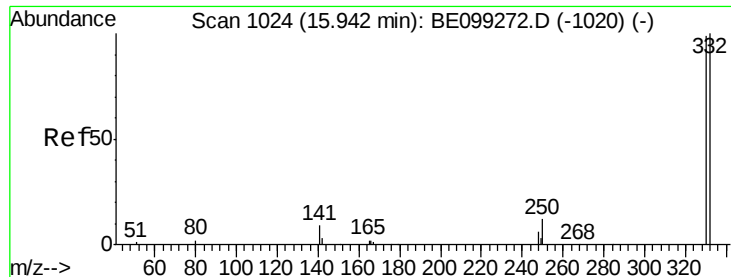
Tgt Ion:152 Resp: 6634
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BE099287.D
 Acq: 3 Apr 2019 12:27

Tgt Ion:164 Resp: 6401
 Ion Ratio Lower Upper
 164 100
 162 99.0 79.2 118.8
 160 48.5 36.7 55.1

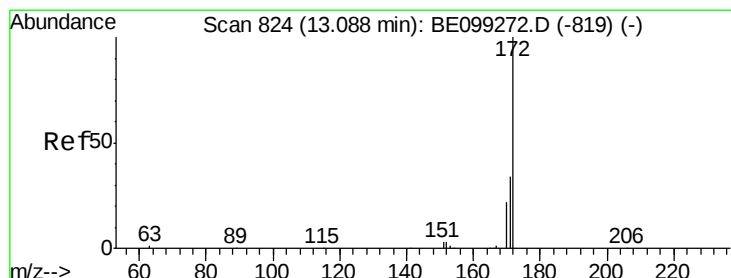
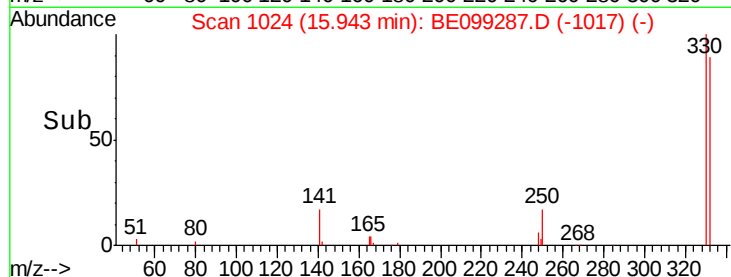
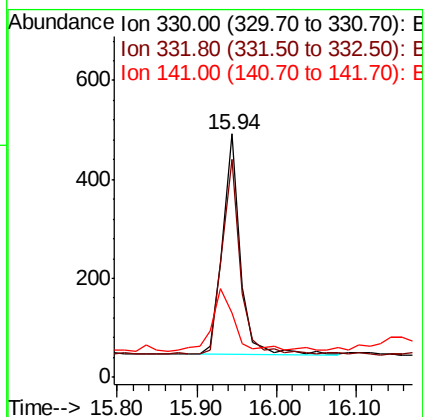
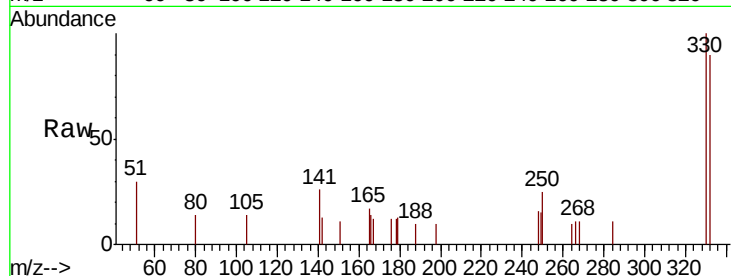




#14
 2,4,6-Tribromophenol
 Concen: 0.235 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099287.D
 Acq: 3 Apr 2019 12:27

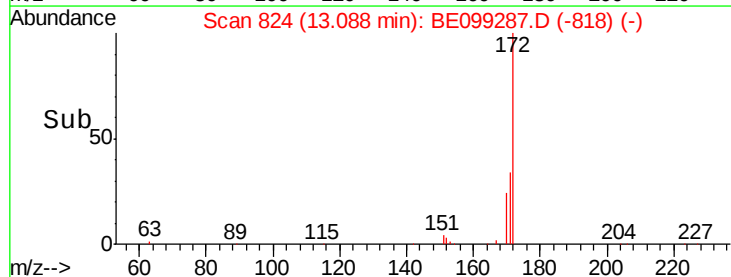
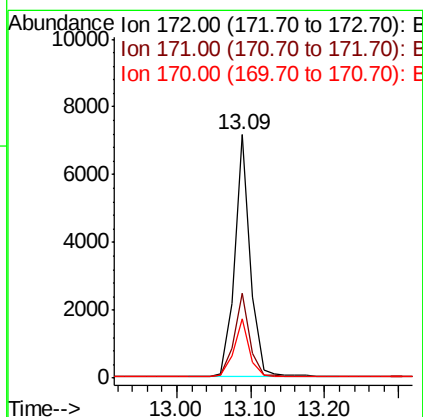
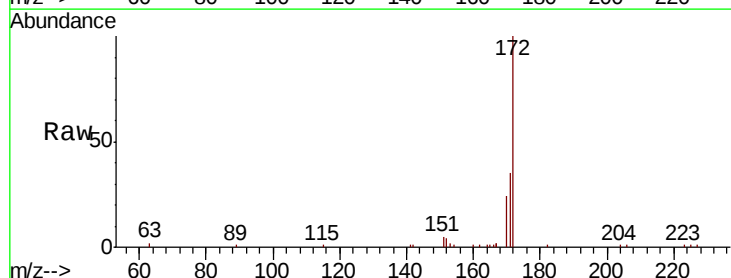
Instrument :
 BNA_E
 ClientSampleId :
 PB118407BL

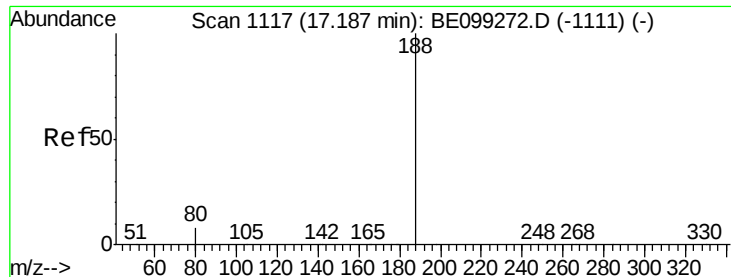
Tgt Ion: 330 Resp: 693
 Ion Ratio Lower Upper
 330 100
 332 91.2 71.3 106.9
 141 36.2 21.7 32.5#



#15
 2-Fluorobiphenyl
 Concen: 0.417 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099287.D
 Acq: 3 Apr 2019 12:27

Tgt Ion: 172 Resp: 10483
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.4 41.0
 170 24.2 19.1 28.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

Instrument :

BNA_E

ClientSampleId :

PB118407BL

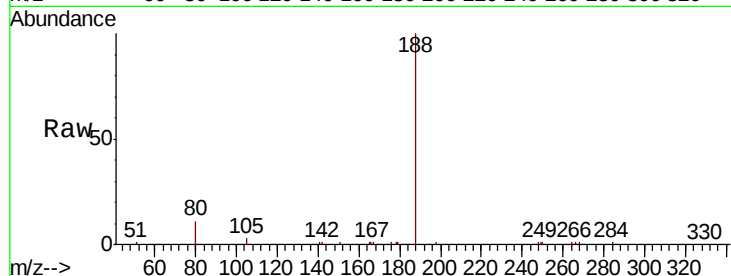
Tgt Ion:188 Resp: 18846

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

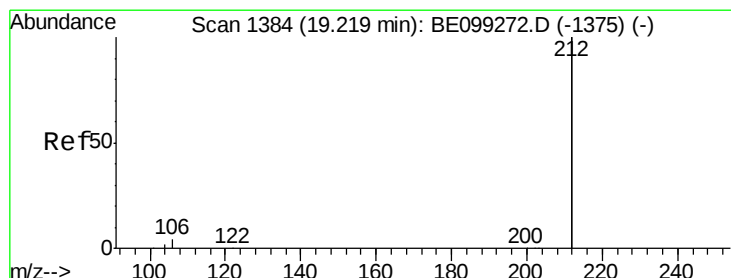
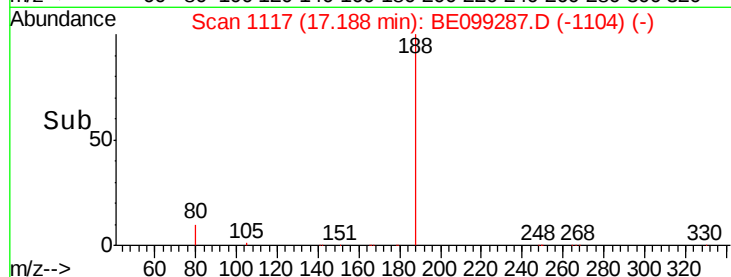
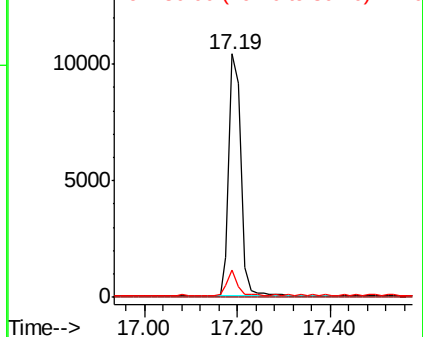
80 11.0 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

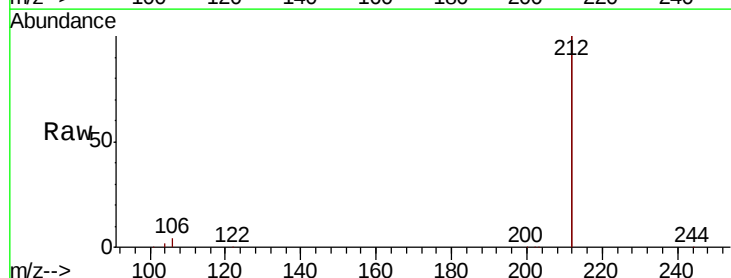
Tgt Ion:212 Resp: 80161

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

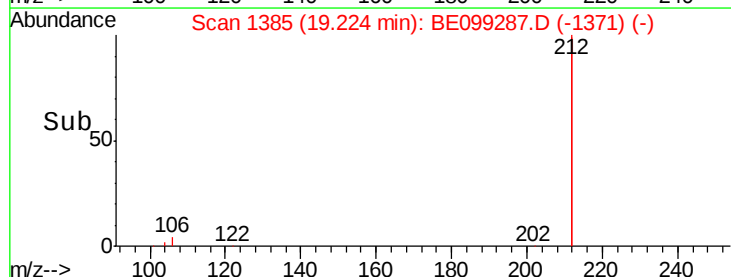
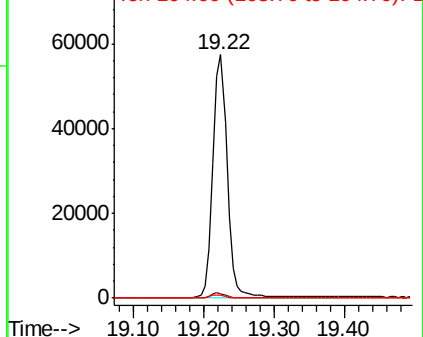
104 1.2 1.1 1.7

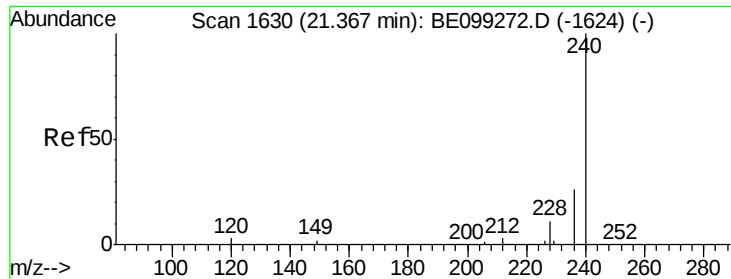


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

Instrument :

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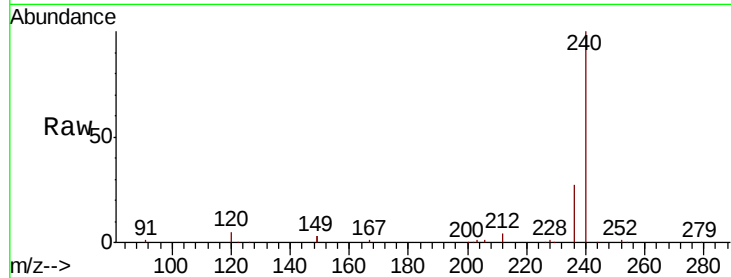
Tgt Ion:240 Resp: 24323

Ion Ratio Lower Upper

240 100

120 5.1 2.6 3.8#

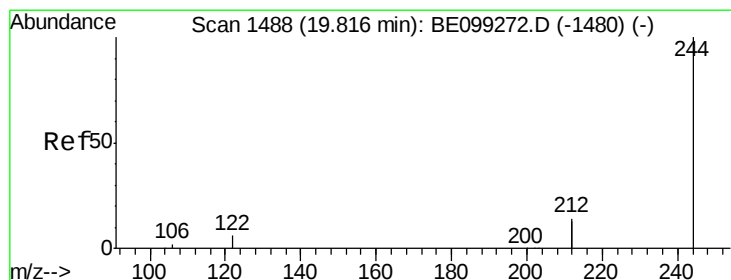
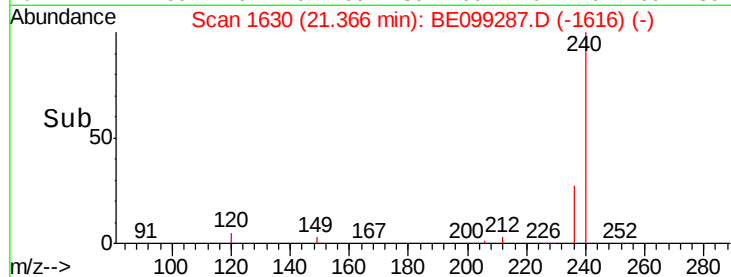
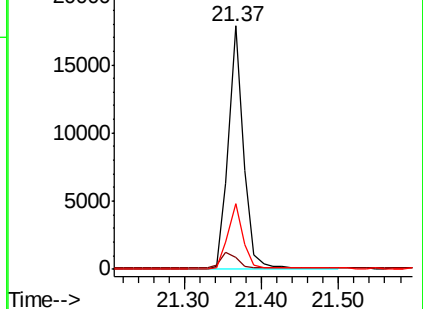
236 27.1 20.9 31.3



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: 0.360 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

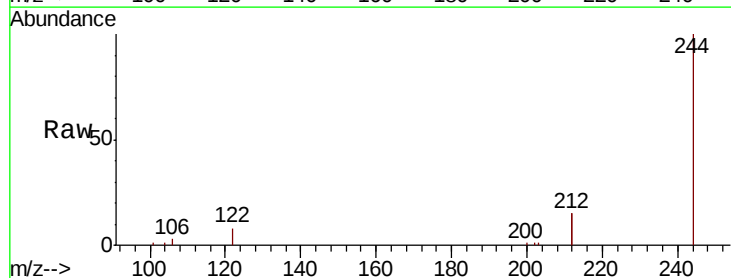
Tgt Ion:244 Resp: 15991

Ion Ratio Lower Upper

244 100

212 30.2 22.7 34.1

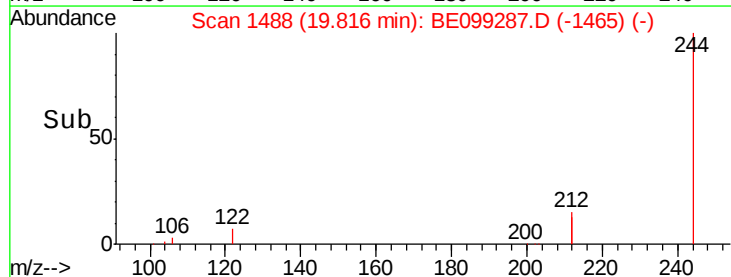
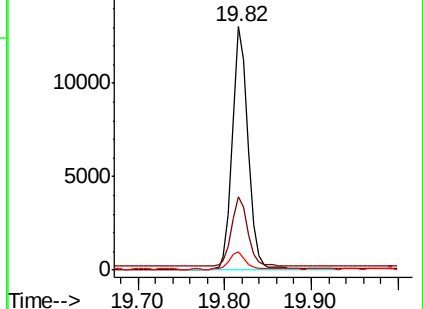
122 7.7 5.8 8.6

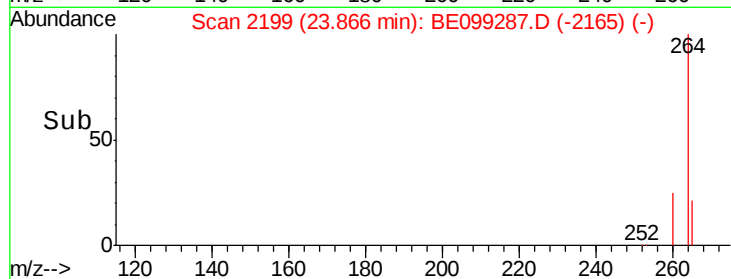
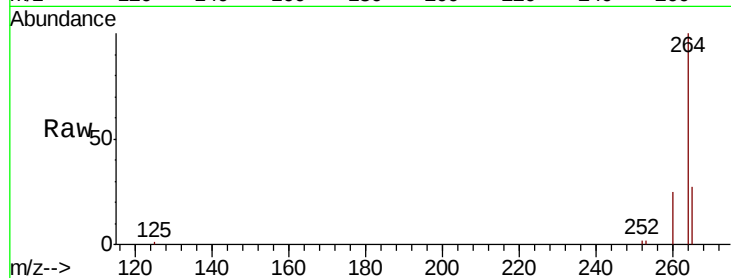
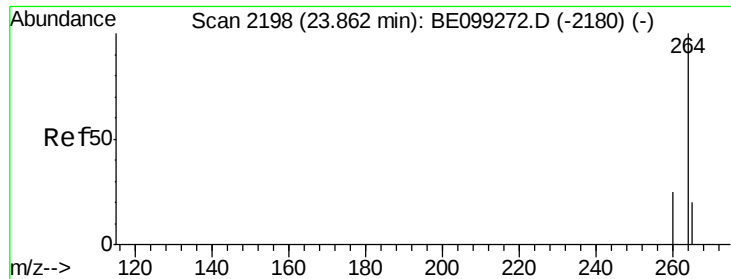


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.87 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BE099287.D

Acq: 3 Apr 2019 12:27

Instrument :

BNA_E

ClientSampleId :

PB118407BL

Tgt Ion: 264 Resp: 29360

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.2

265 26.8 21.8 32.8

