

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
 Data File : BE099324.D
 Acq On : 15 Apr 2019 13:17
 Operator : JU/SJ
 Sample : PB118846BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 15 16:31:20 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

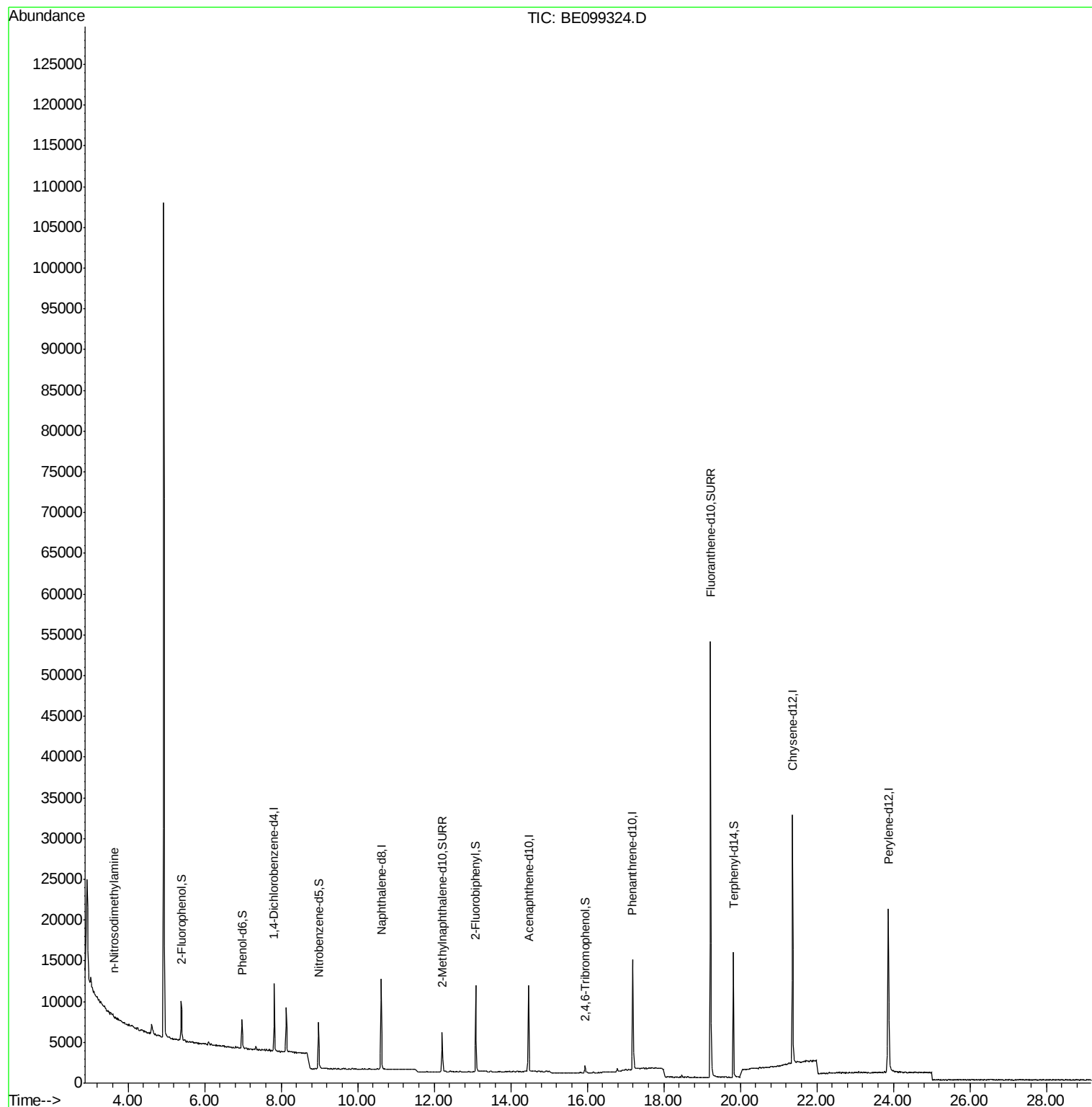
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4044	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	13993	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	8015	0.40	ng	-0.01
19) Phenanthrene-d10	17.19	188	22778	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	31435	0.40	ng	-0.03
34) Perylene-d12	23.87	264	31831	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2810	0.26	ng	-0.01
5) Phenol-d6	6.98	99	3656	0.25	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2714	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	6387	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	570	0.15	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	9356	0.30	ng	-0.01
25) Fluoranthene-d10	19.23	212	78656	0.26	ng	-0.02
29) Terphenyl-d14	19.82	244	13884	0.24	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.64	42	84	0.026	ng	Qvalue # 1

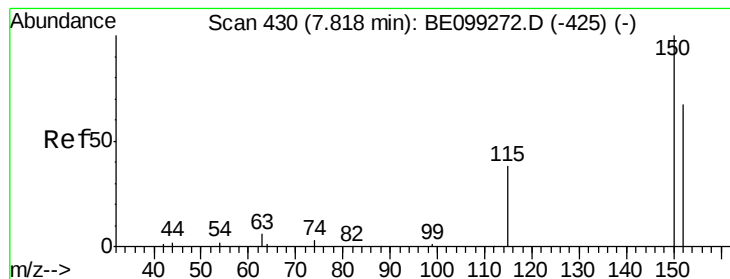
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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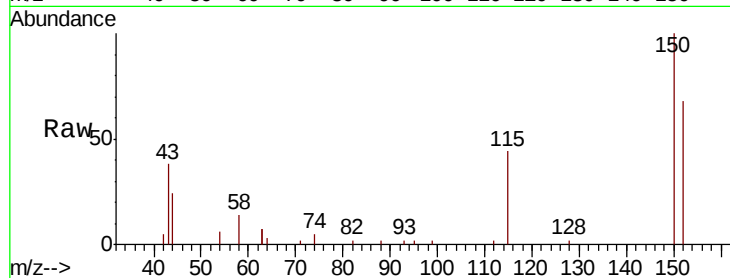


#1

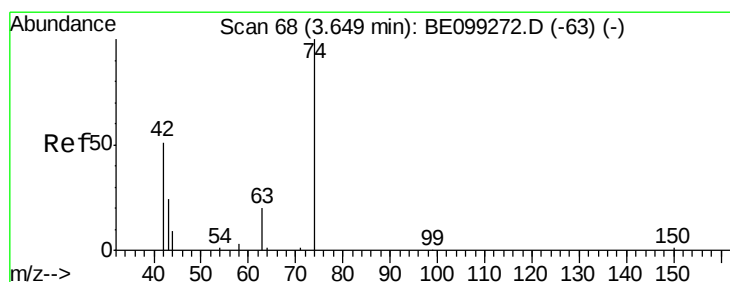
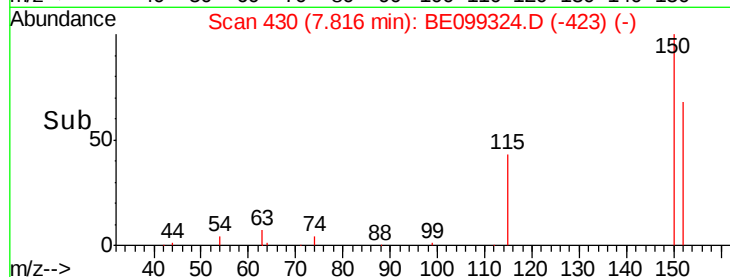
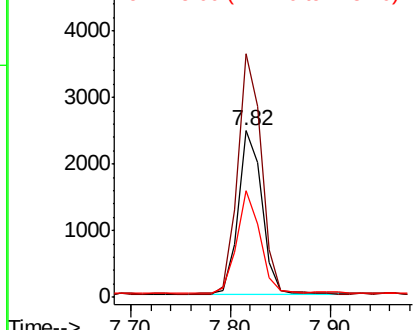
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099324.D
Acq: 15 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4044
Ion Ratio Lower Upper
152 100
150 146.5 112.8 169.2
115 64.3 45.1 67.7



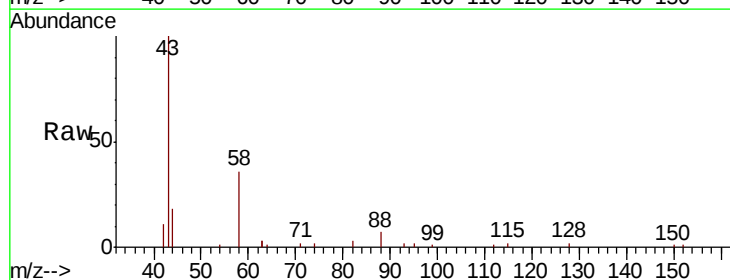
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



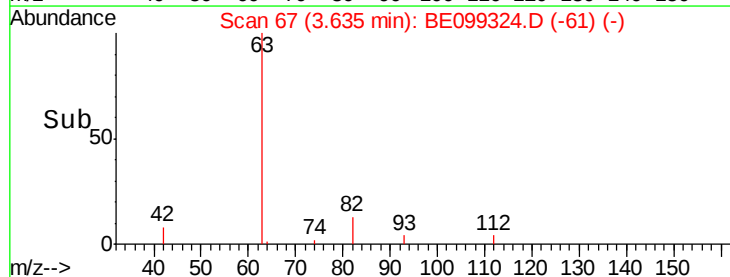
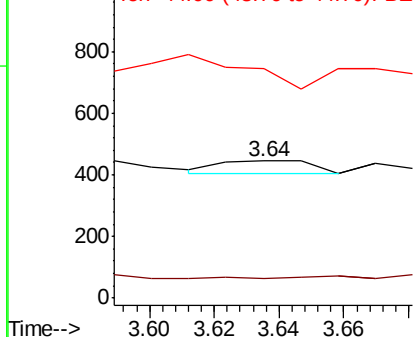
#3

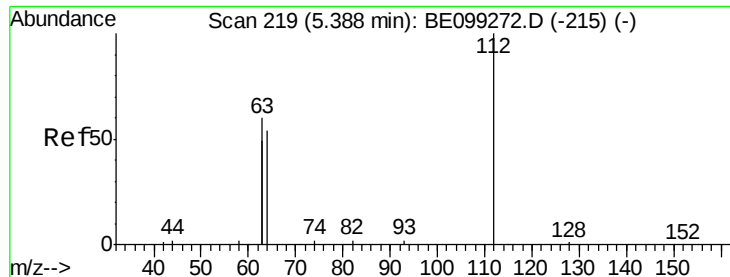
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.04 min
Lab File: BE099324.D
Acq: 15 Apr 2019 13:17

Tgt Ion: 42 Resp: 84
Ion Ratio Lower Upper
42 100
74 3.6 138.6 207.8#
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: 0.261 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

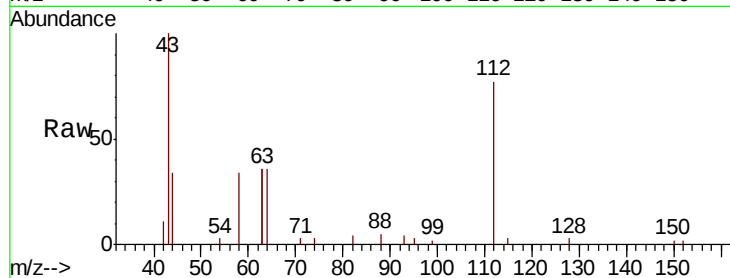
Tot Ion:112 Resp: 2810

Ion Ratio Lower Upper

112 100

64 61.1 46.2 69.2

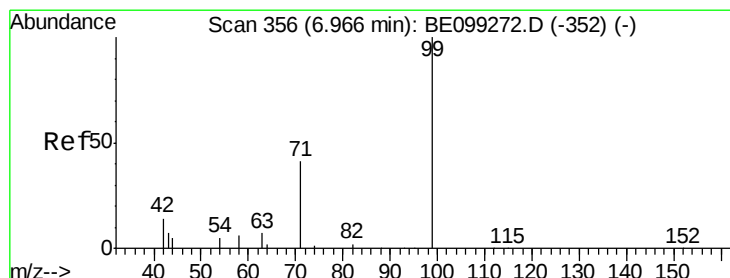
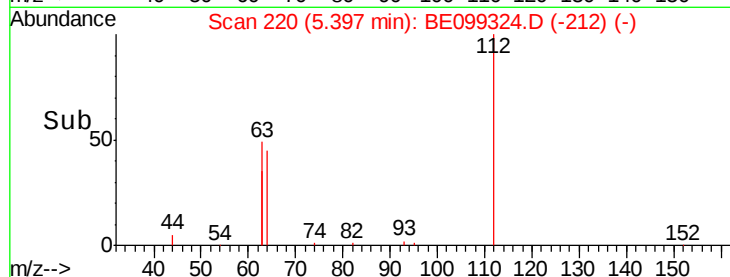
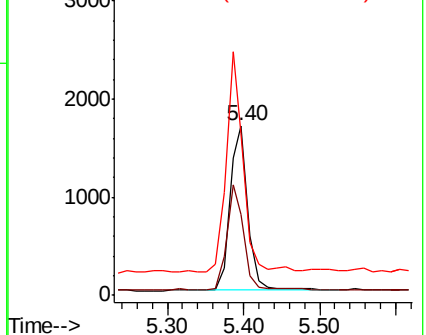
63 126.7 89.9 134.9



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: 0.247 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

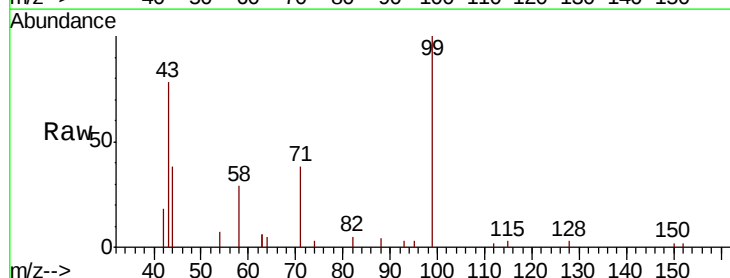
Tgt Ion: 99 Resp: 3656

Ion Ratio Lower Upper

99 100

42 14.4 12.4 18.6

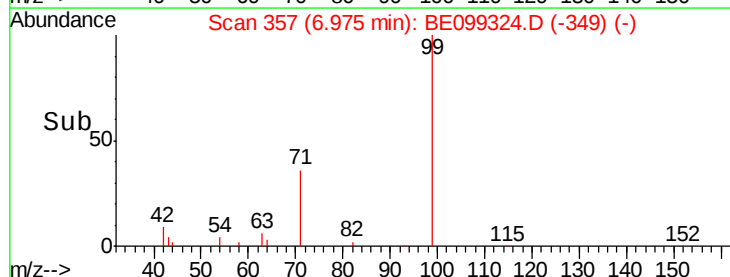
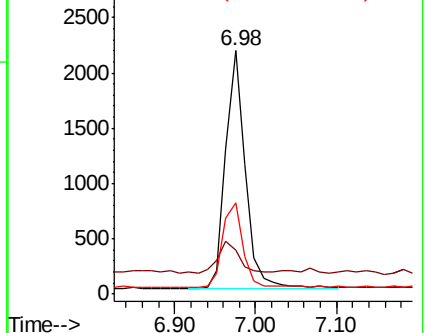
71 36.7 28.4 42.6

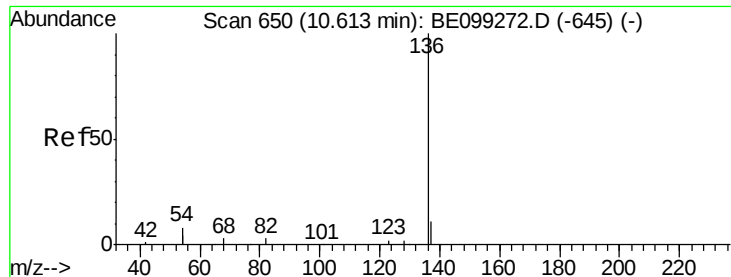


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099324.D

Acq: 15 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13993

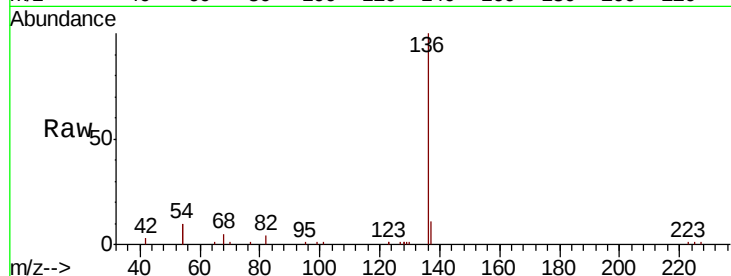
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 19.1 18.7 28.1

68 5.5 5.2 7.8

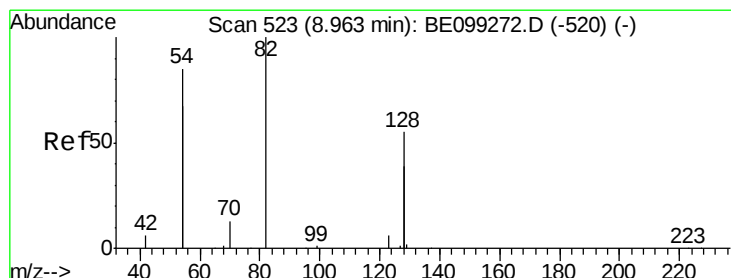
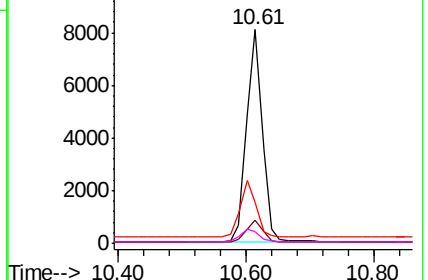
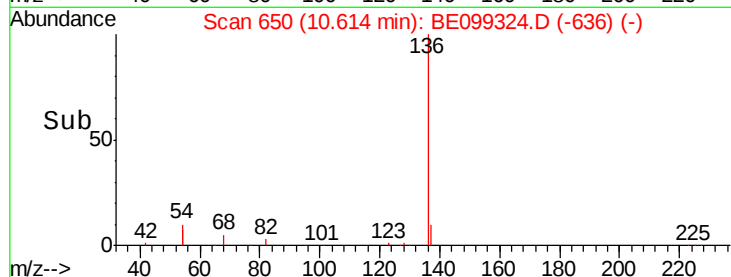


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

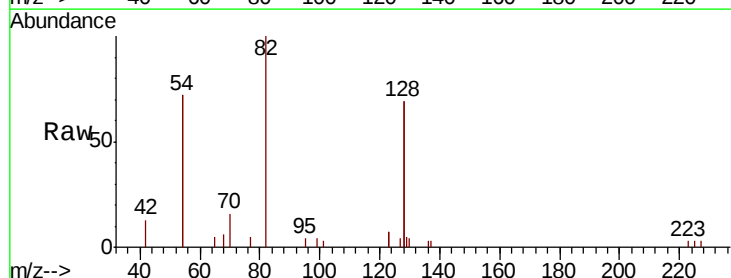
Tgt Ion: 82 Resp: 2714

Ion Ratio Lower Upper

82 100

128 138.8 107.5 161.3

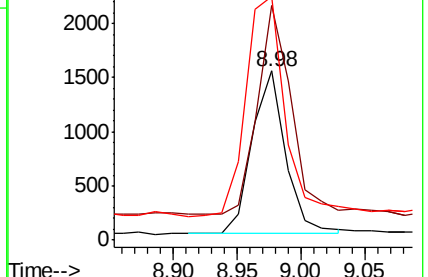
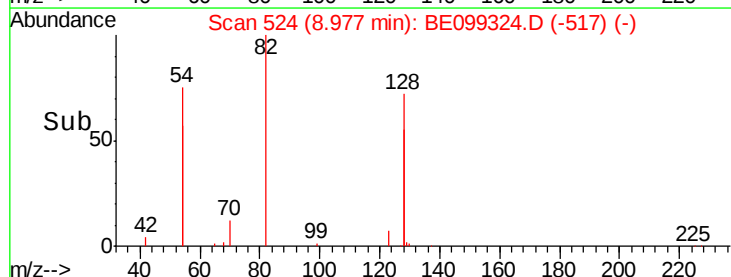
54 143.8 106.3 159.5

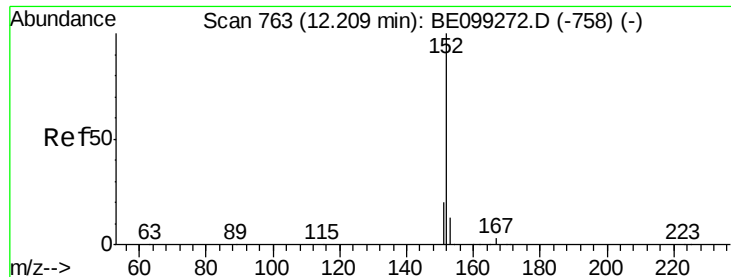


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.261 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

Instrument :

BNA_E

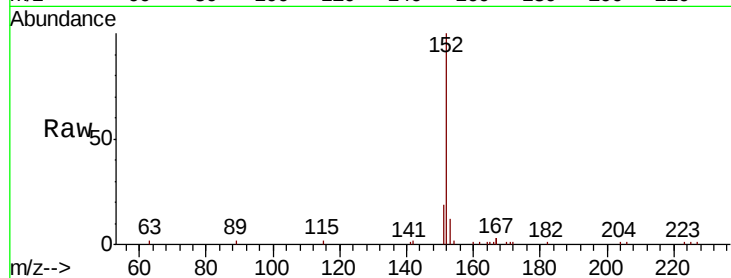
ClientSampleId :

Tot Ion:152 Resp: 6387

Ion Ratio Lower Upper

152 100

151 19.3 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

4000

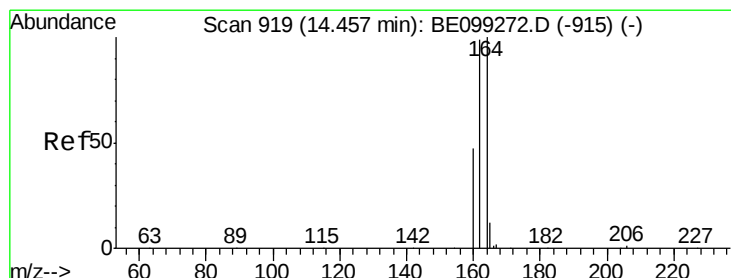
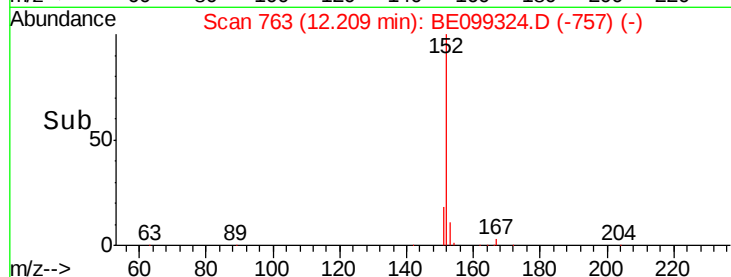
3000

2000

1000

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

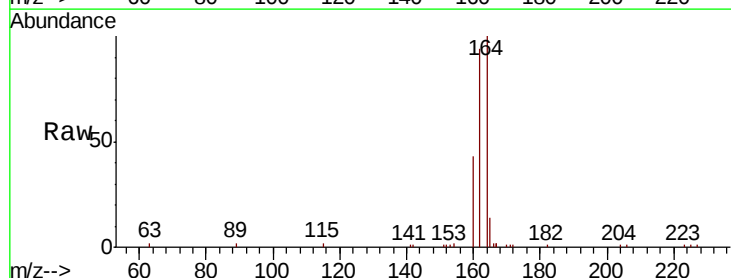
Tgt Ion:164 Resp: 8015

Ion Ratio Lower Upper

164 100

162 94.0 79.2 118.8

160 42.8 36.7 55.1



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

5000

4000

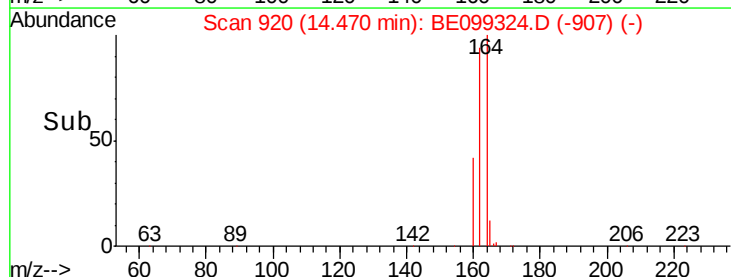
3000

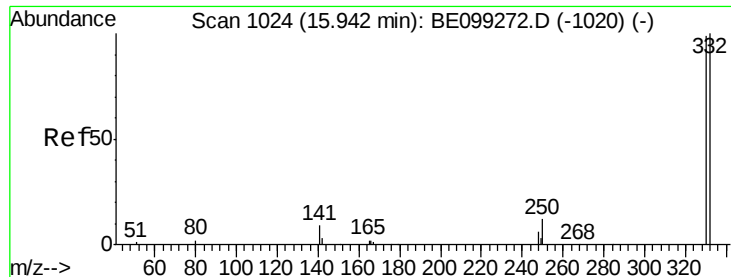
2000

1000

0

Time-->

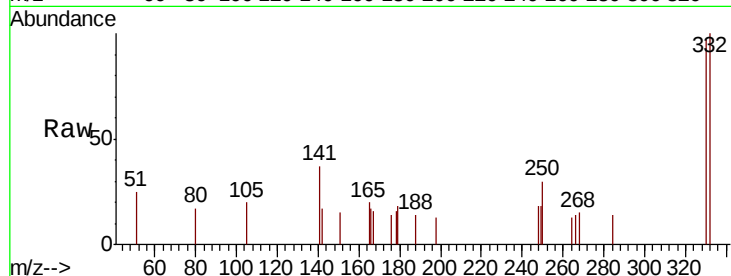




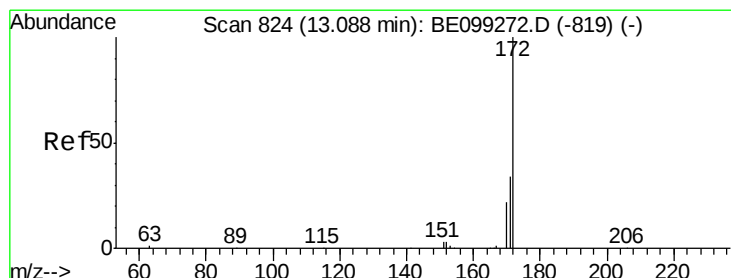
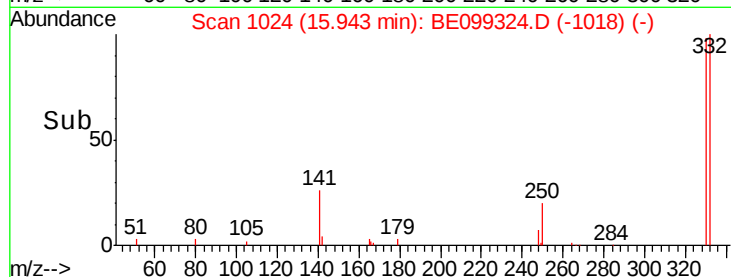
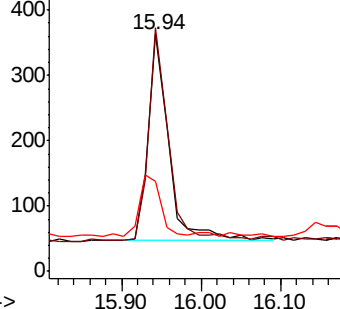
#14
 2,4,6-Tribromophenol
 Concen: 0.154 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099324.D
 Acq: 15 Apr 2019 13:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 570
 Ion Ratio Lower Upper
 330 100
 332 98.6 71.3 106.9
 141 31.4 21.7 32.5

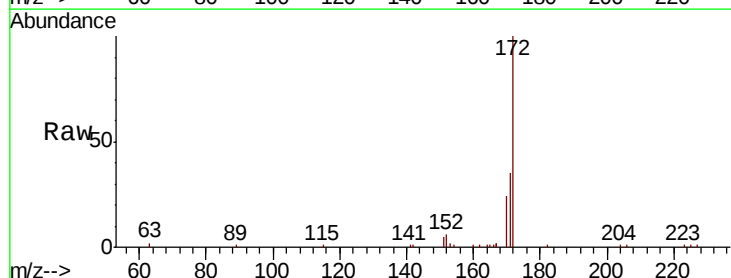


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

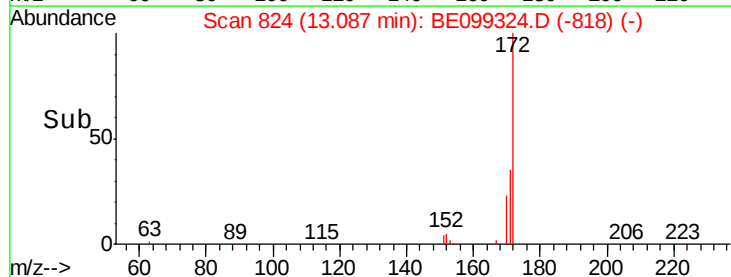
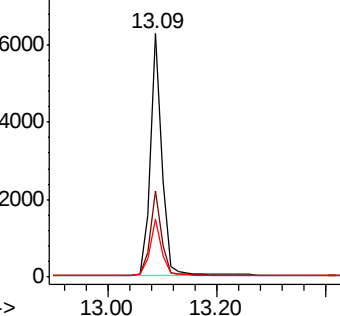


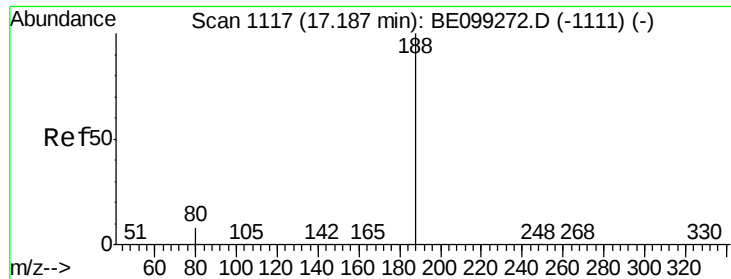
#15
 2-Fluorobiphenyl
 Concen: 0.297 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099324.D
 Acq: 15 Apr 2019 13:17

Tgt Ion:172 Resp: 9356
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.4 41.0
 170 23.8 19.1 28.7



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

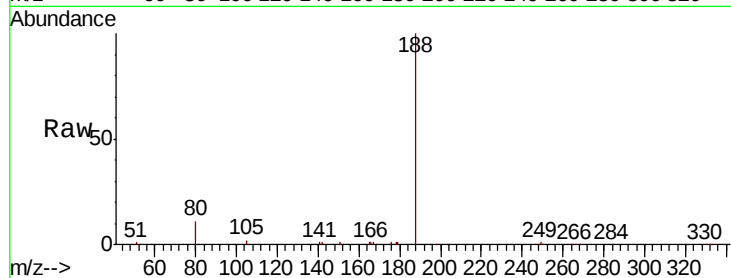
Tot Ion:188 Resp: 22778

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

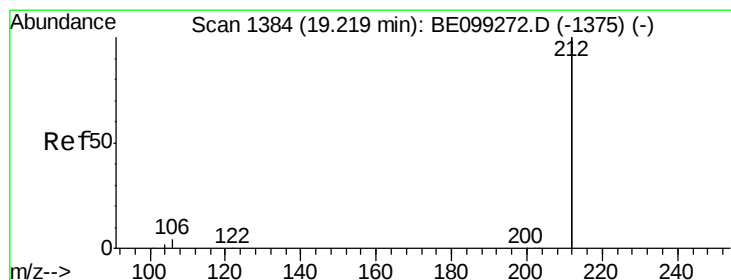
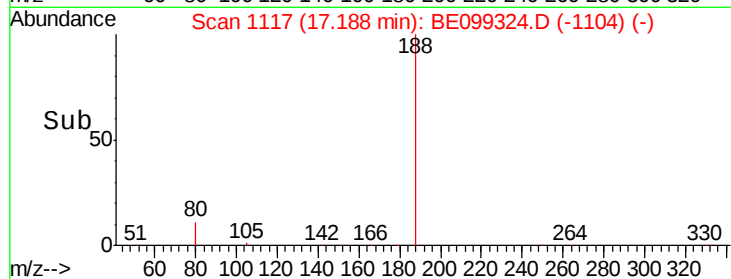
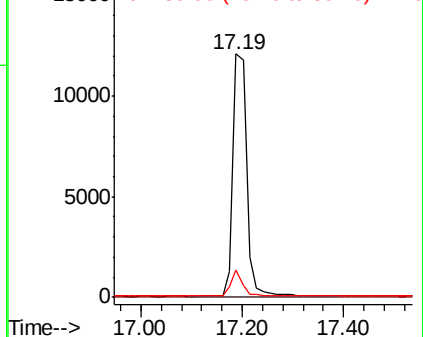
80 11.3 4.5 6.7#



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: 0.262 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

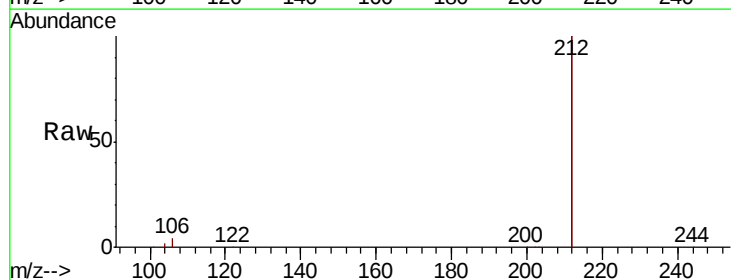
Tgt Ion:212 Resp: 78656

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

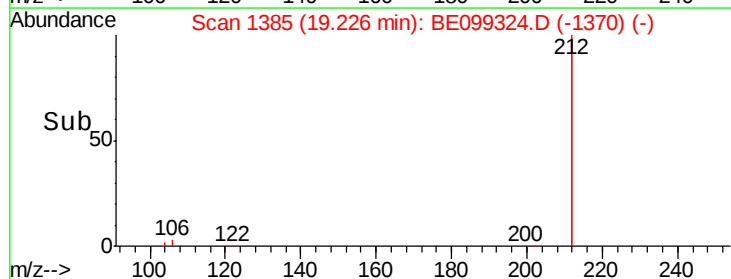
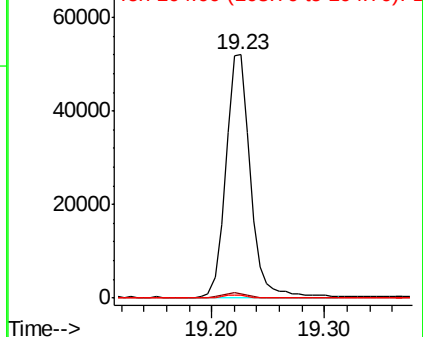
104 1.2 1.1 1.7

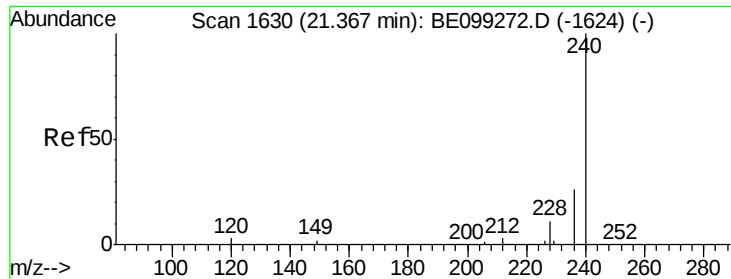


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

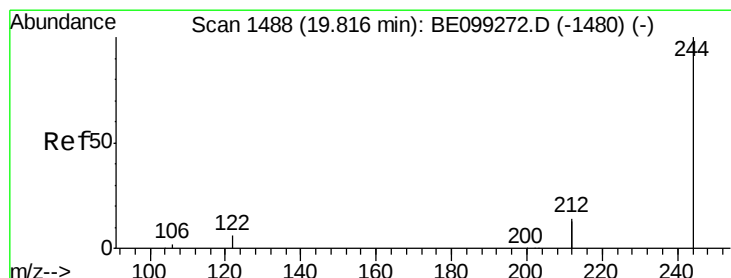
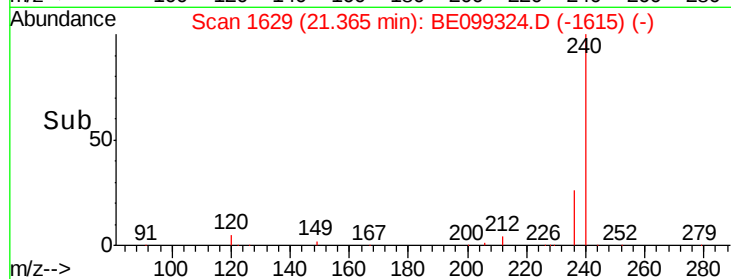
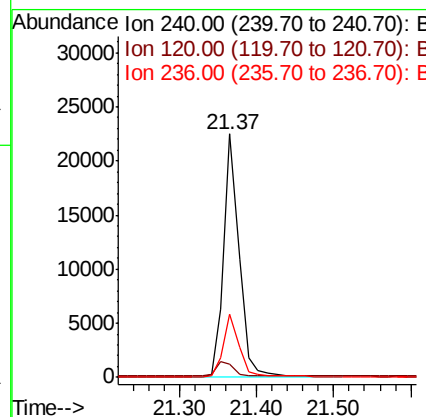
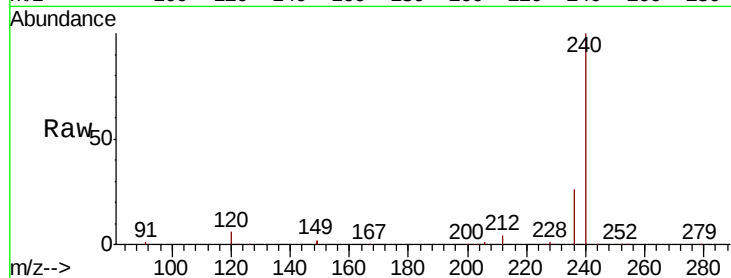




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1629
 Delta R.T. -0.03 min
 Lab File: BE099324.D
 Acq: 15 Apr 2019 13:17

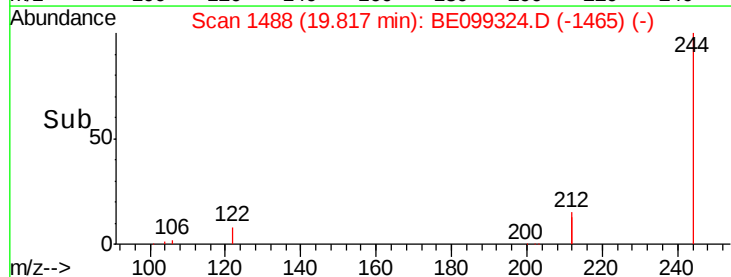
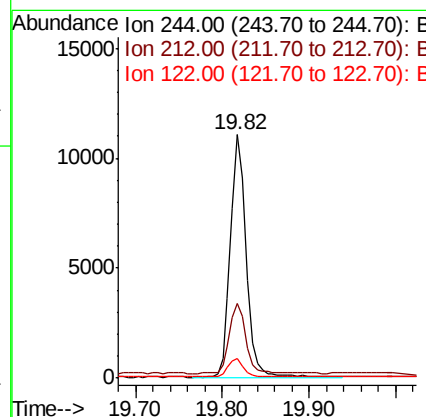
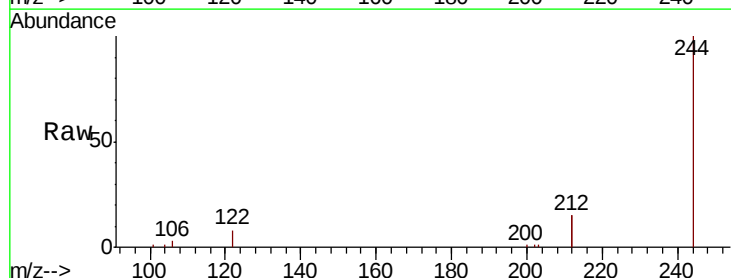
Instrument :
 BNA_E
 ClientSampleId :

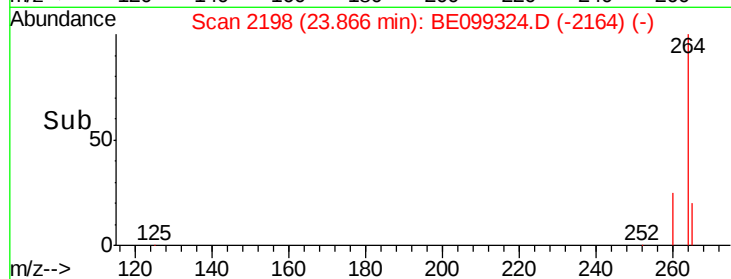
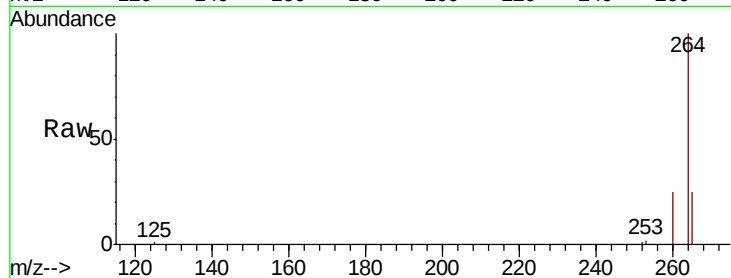
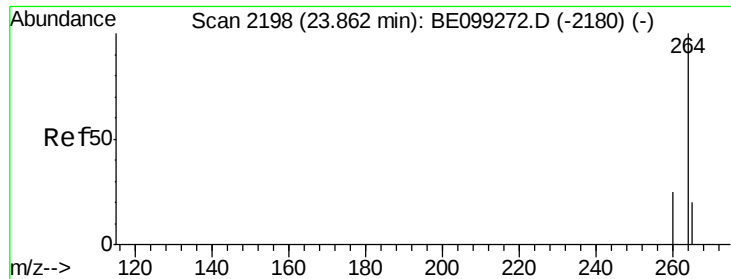
Tot Ion:240 Resp: 31435
 Ion Ratio Lower Upper
 240 100
 120 5.5 2.6 3.8#
 236 26.0 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.242 ng
 RT: 19.82 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BE099324.D
 Acq: 15 Apr 2019 13:17

Tgt Ion:244 Resp: 13884
 Ion Ratio Lower Upper
 244 100
 212 30.4 22.7 34.1
 122 8.0 5.8 8.6





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.87 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BE099324.D

Acq: 15 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 31831

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.2

265 25.4 21.8 32.8

