

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099637.D
 Acq On : 17 May 2019 00:27
 Operator : JU/SJ
 Sample : PB119714BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119714BL

Quant Time: May 17 07:04:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

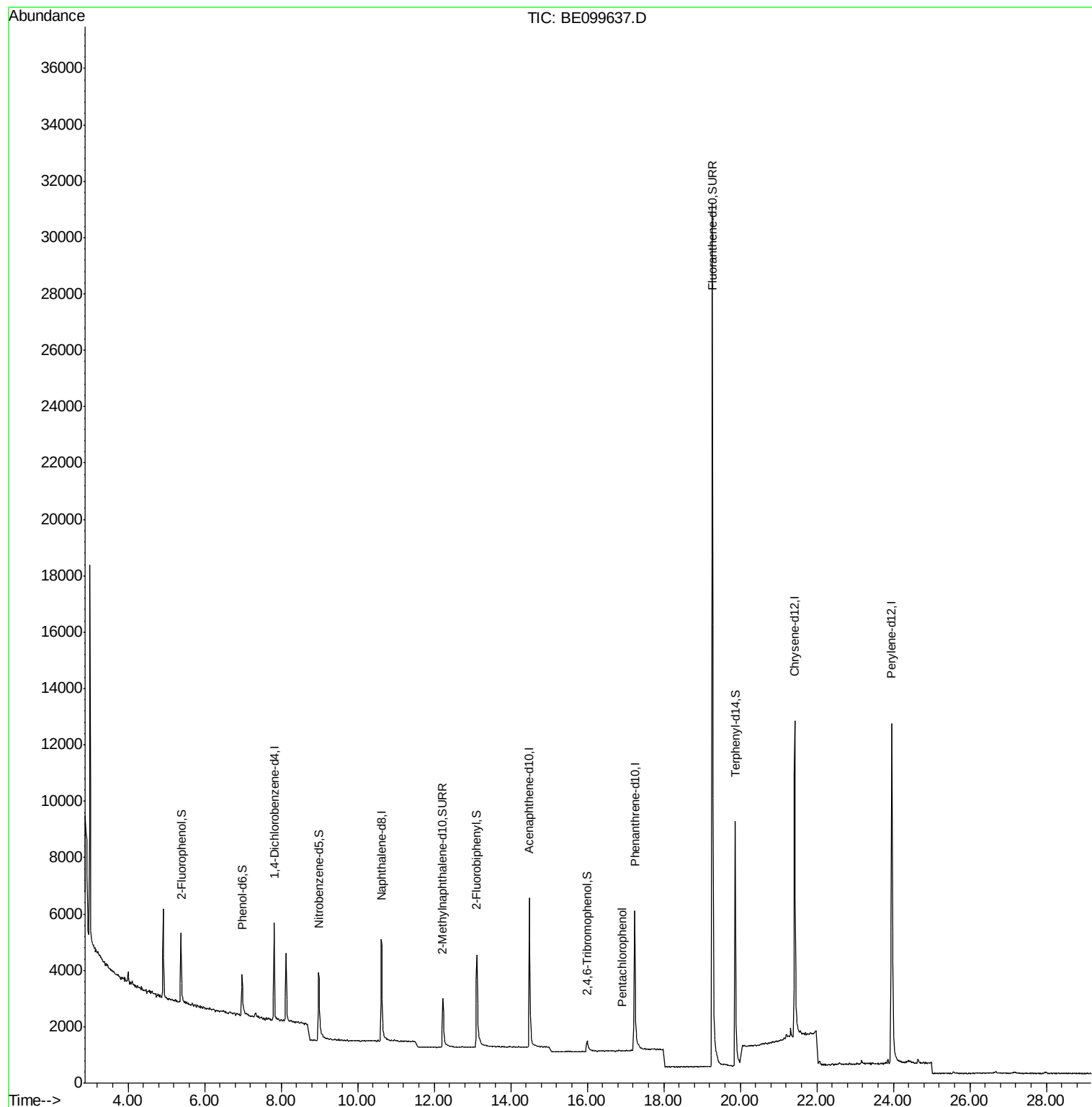
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1978	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6311	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	4223	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12118	0.40	ng	0.01
27) Chrysene-d12	21.43	240	17268	0.40	ng	0.01
34) Perylene-d12	23.96	264	21201	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1675	0.30	ng	0.01
5) Phenol-d6	6.98	99	2203	0.31	ng	0.00
8) Nitrobenzene-d5	8.98	82	1653	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3390	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	598	0.21	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5217	0.32	ng	0.02
25) Fluoranthene-d10	19.27	212	56377	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	11575	0.37	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.92	266	8	0.277	ng	Qvalue # 65

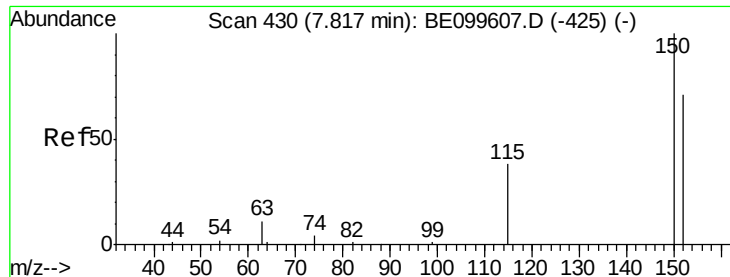
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

Instrument :

BNA_E

ClientSampleId :

PB119714BL

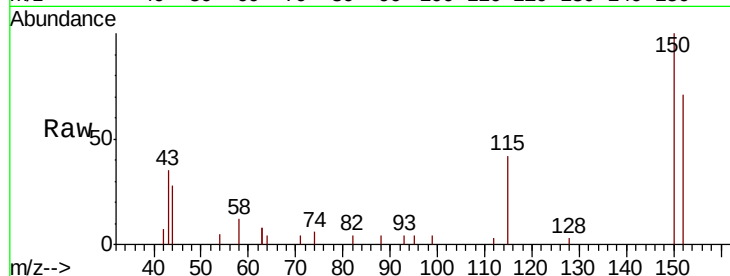
Tgt Ion:152 Resp: 1978

Ion Ratio Lower Upper

152 100

150 140.9 110.1 165.1

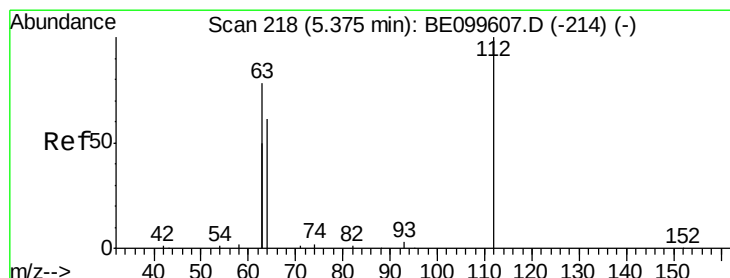
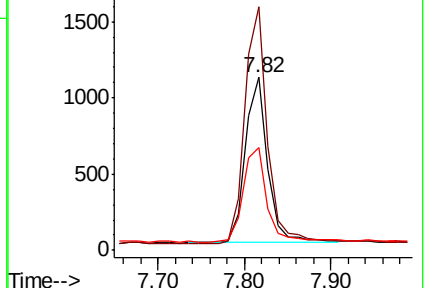
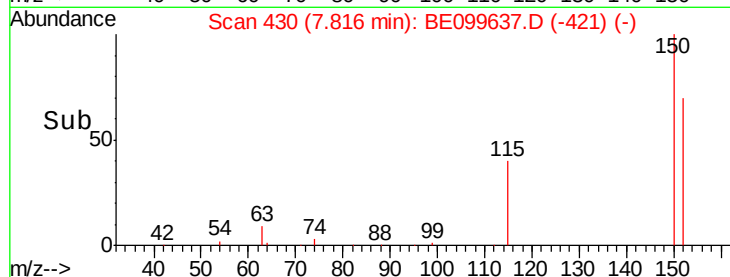
115 59.3 46.2 69.4



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



#4

2-Fluorophenol

Concen: 0.298 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

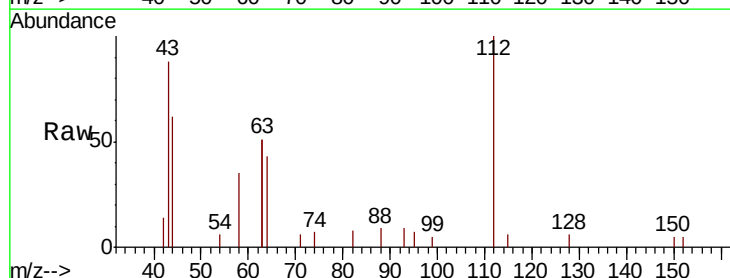
Tgt Ion:112 Resp: 1675

Ion Ratio Lower Upper

112 100

64 54.6 43.7 65.5

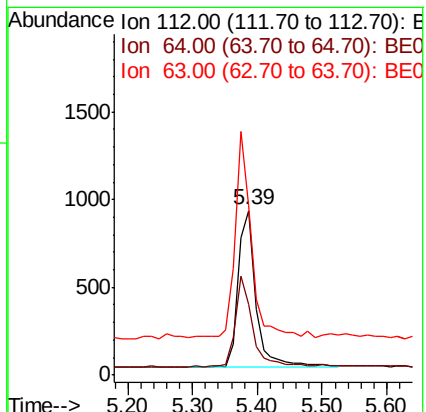
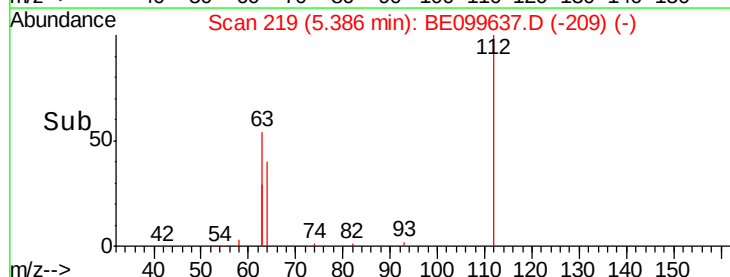
63 117.6 94.0 141.0

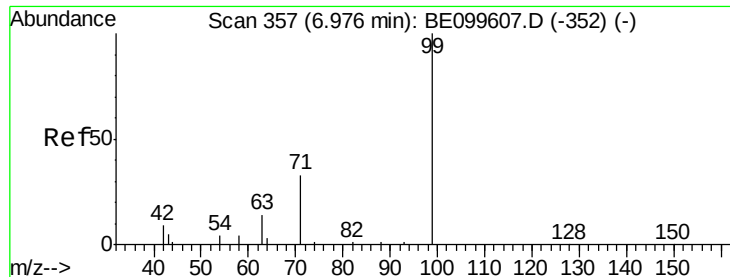


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.309 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

Instrument :

BNA_E

ClientSampleId :

PB119714BL

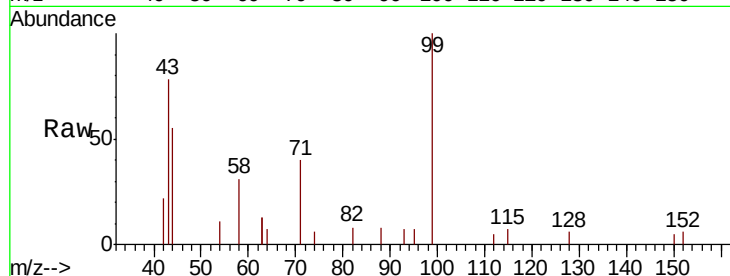
Tgt Ion: 99 Resp: 2203

Ion Ratio Lower Upper

99 100

42 14.2 14.3 21.5#

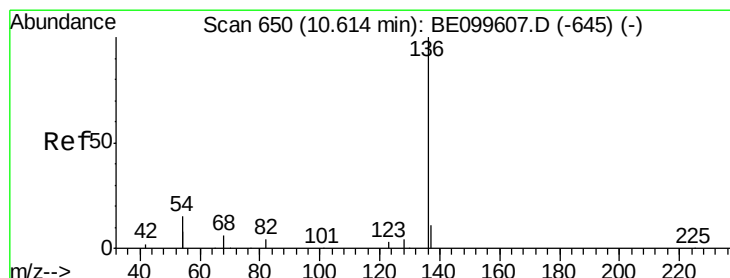
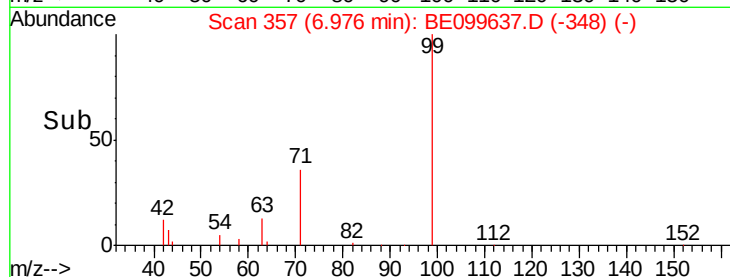
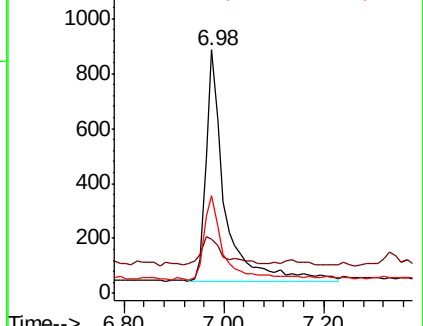
71 38.6 33.1 49.7



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

Tgt Ion: 136 Resp: 6311

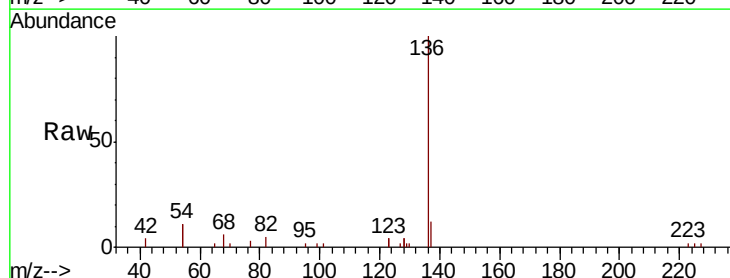
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 22.3 23.8 35.8#

68 6.1 6.2 9.2#

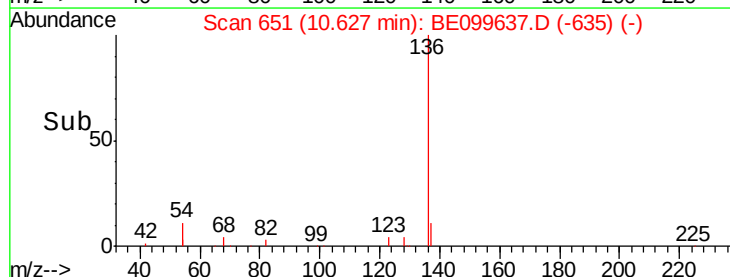
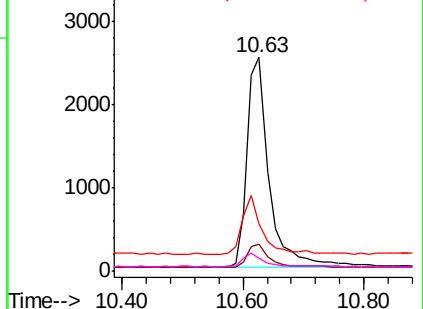


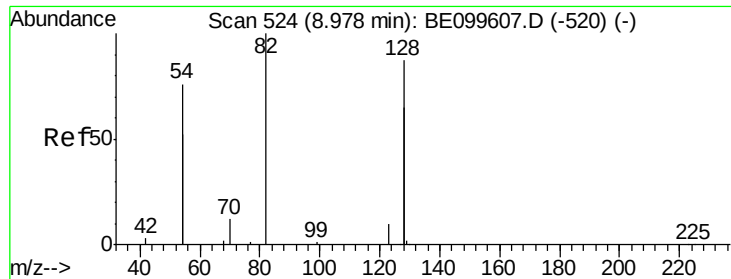
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.271 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

Instrument :

BNA_E

ClientSampleId :

PB119714BL

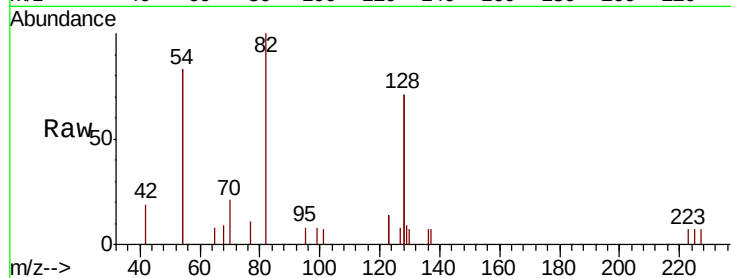
Tgt Ion: 82 Resp: 1653

Ion Ratio Lower Upper

82 100

128 142.8 131.4 197.2

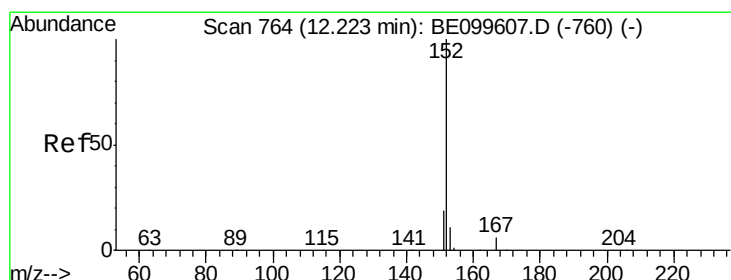
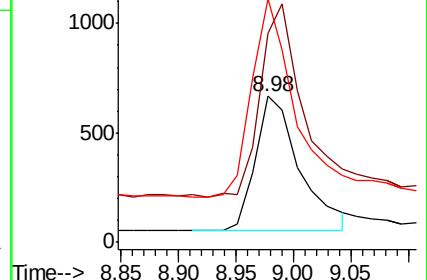
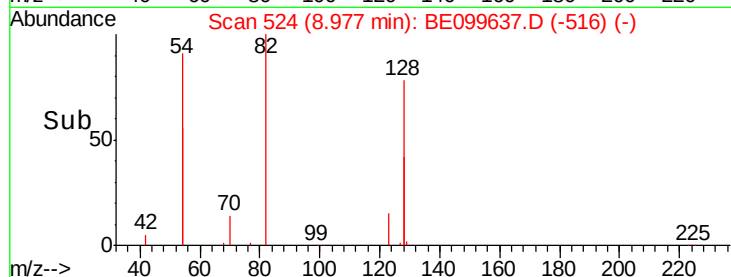
54 166.5 113.9 170.9



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099637.D

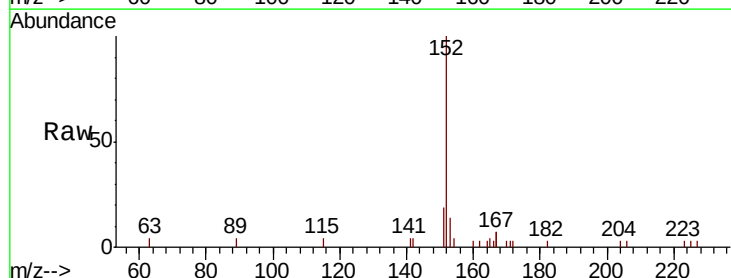
Acq: 17 May 2019 00:27

Tgt Ion: 152 Resp: 3390

Ion Ratio Lower Upper

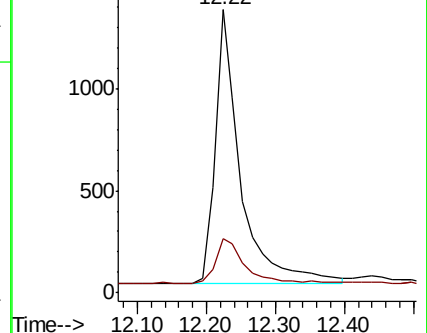
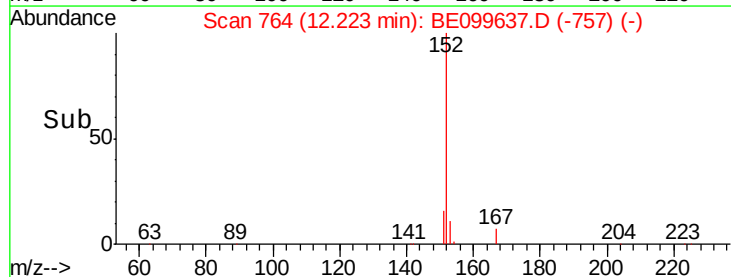
152 100

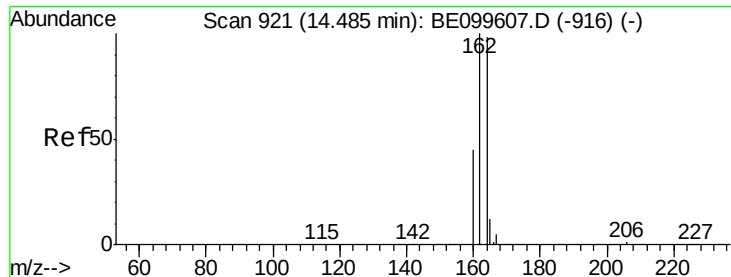
151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

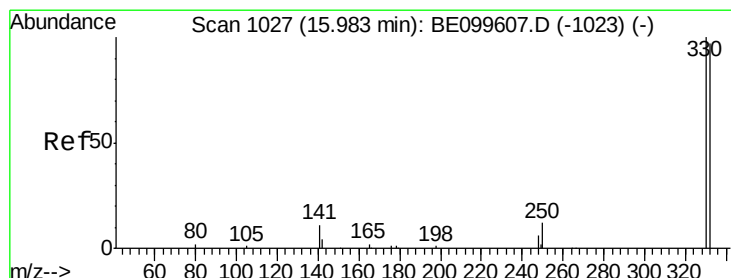
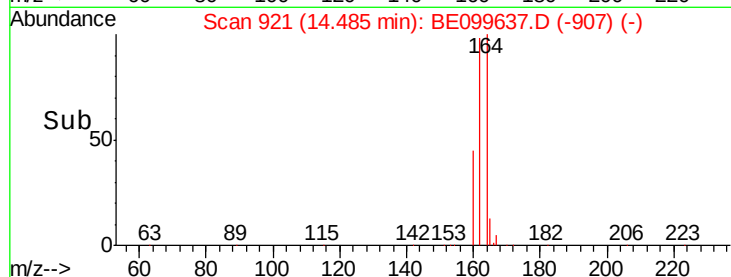
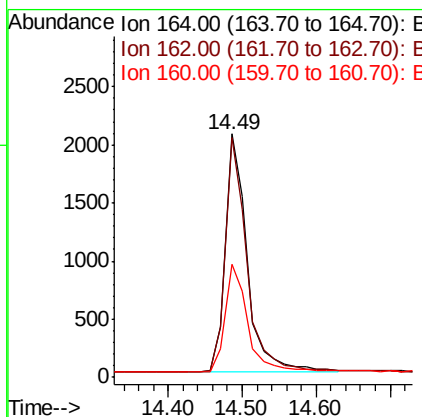
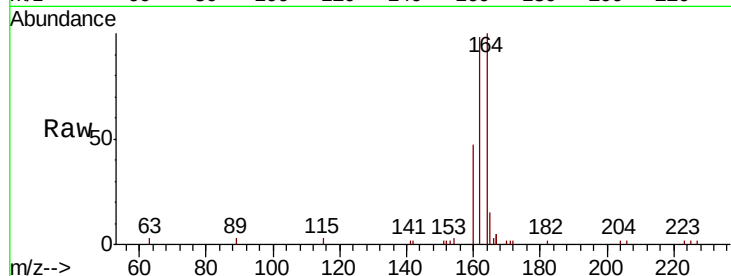




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099637.D
Acq: 17 May 2019 00:27

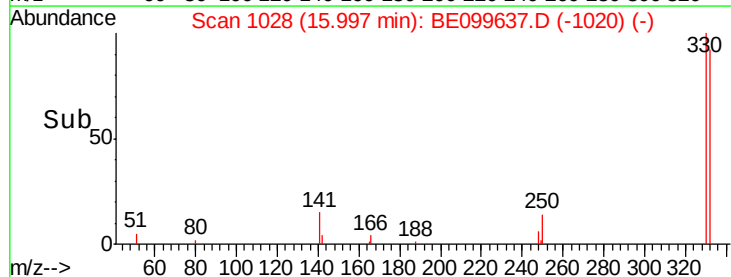
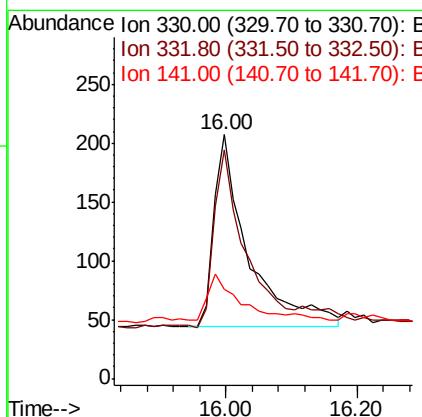
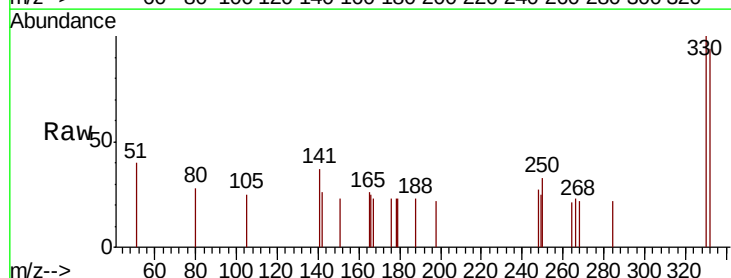
Instrument :
BNA_E
ClientSampleId :
PB119714BL

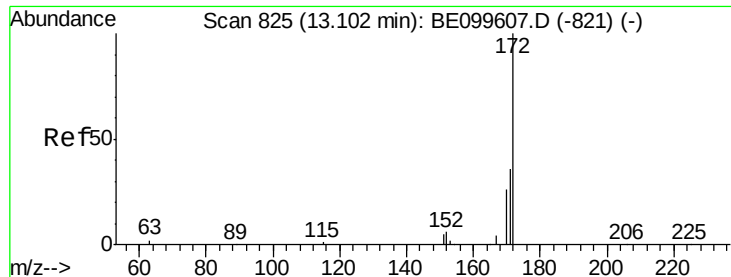
Tgt Ion:164 Resp: 4223
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 46.6 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE099637.D
Acq: 17 May 2019 00:27

Tgt Ion:330 Resp: 598
Ion Ratio Lower Upper
330 100
332 80.8 73.8 110.8
141 24.1 21.0 31.6

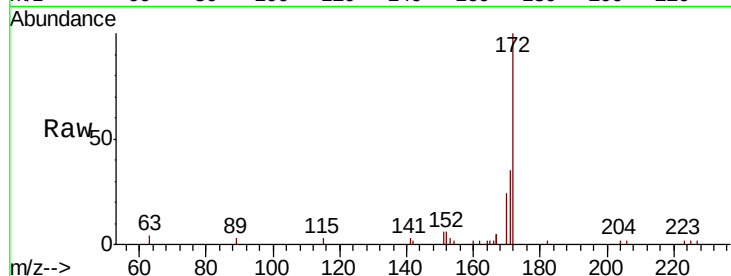




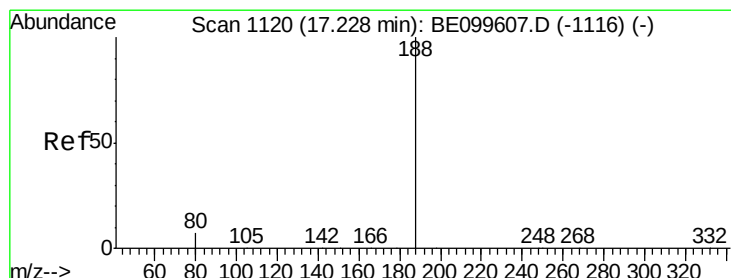
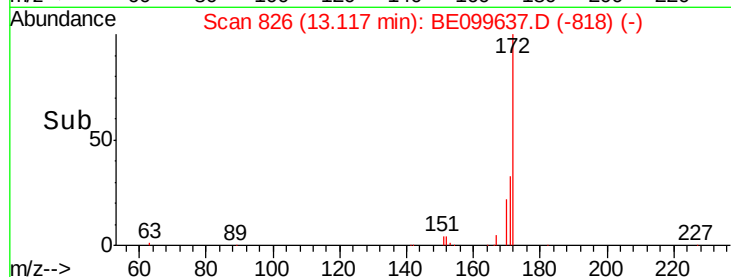
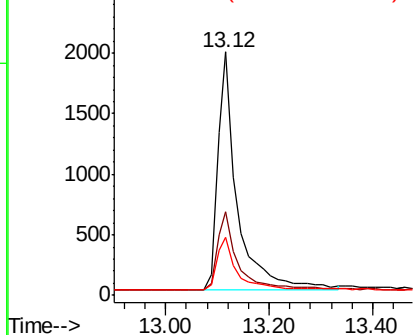
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.02 min
Lab File: BE099637.D
Acq: 17 May 2019 00:27

Instrument :
BNA_E
ClientSampleId :
PB119714BL

Tgt Ion:172 Resp: 5217
Ion Ratio Lower Upper
172 100
171 34.6 29.4 44.2
170 24.1 21.5 32.3

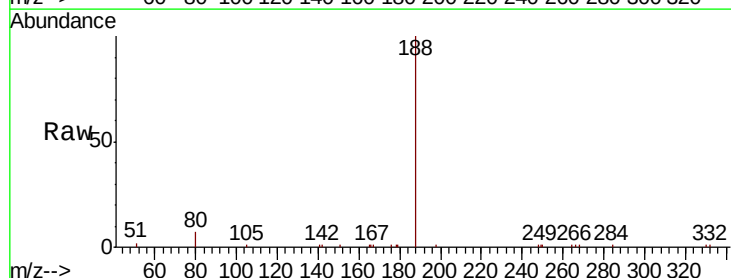


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

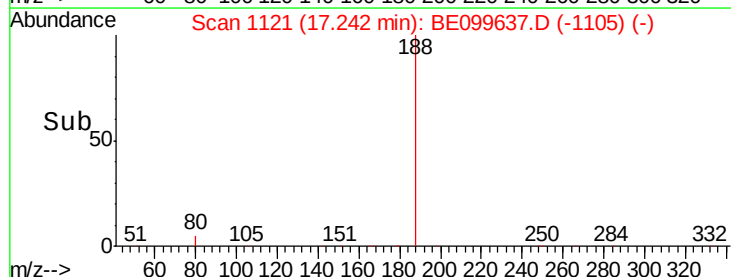
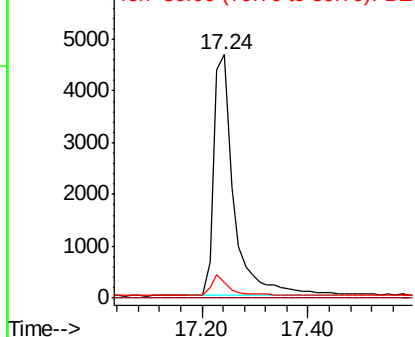


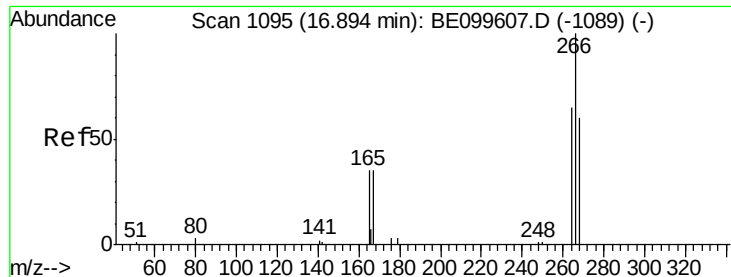
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099637.D
Acq: 17 May 2019 00:27

Tgt Ion:188 Resp: 12118
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.4 9.6



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: 0.277 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

Instrument :

BNA_E

ClientSampleId :

PB119714BL

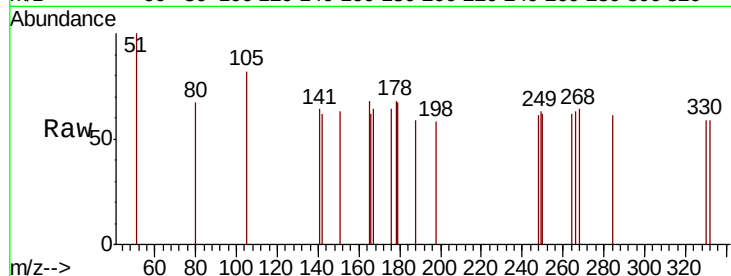
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 97.9 57.7 86.5#

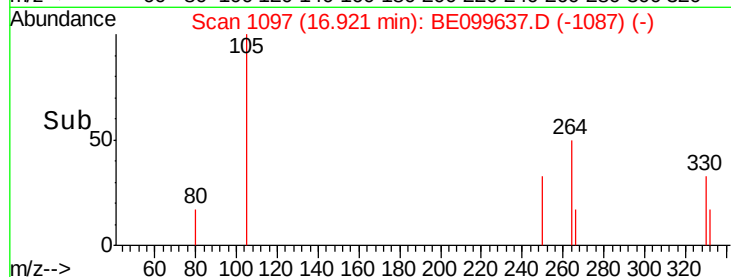
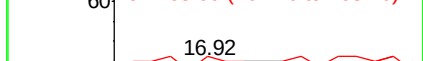
268 102.1 55.8 83.8#



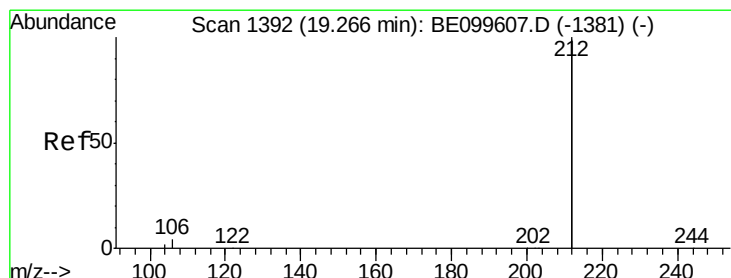
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

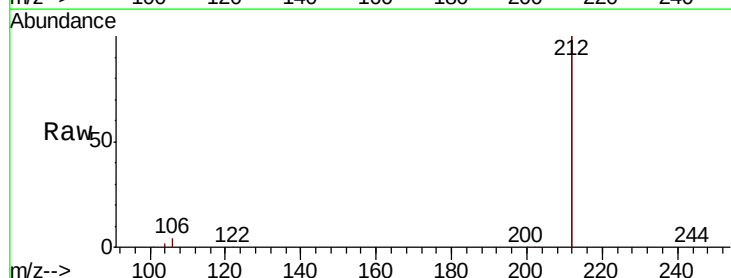
Tgt Ion:212 Resp: 56377

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

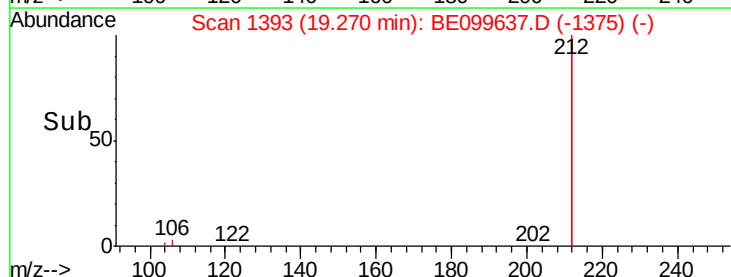
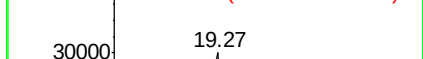
104 1.1 0.9 1.3



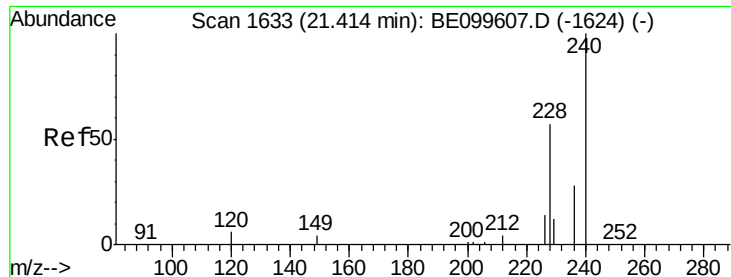
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

Instrument :

BNA_E

ClientSampleId :

PB119714BL

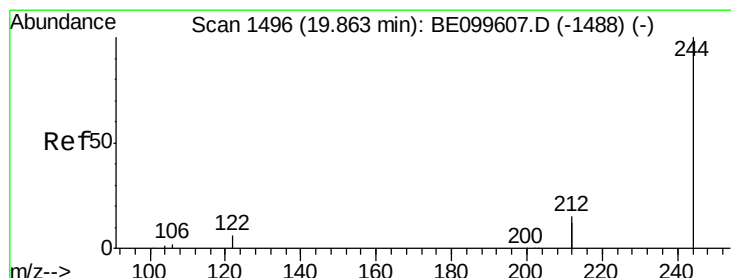
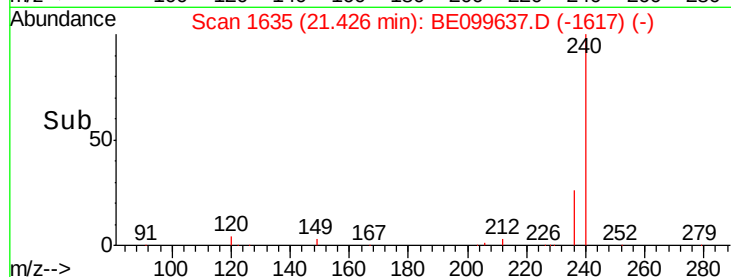
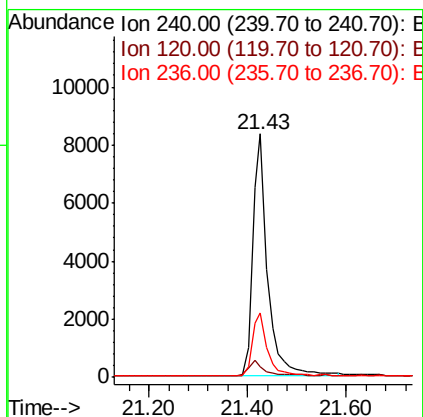
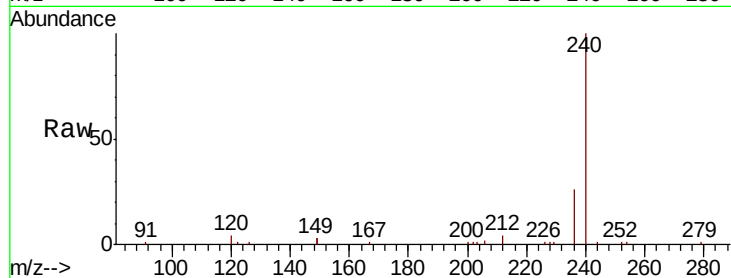
Tgt Ion:240 Resp: 17268

Ion Ratio Lower Upper

240 100

120 4.3 5.7 8.5#

236 26.4 22.8 34.2



#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

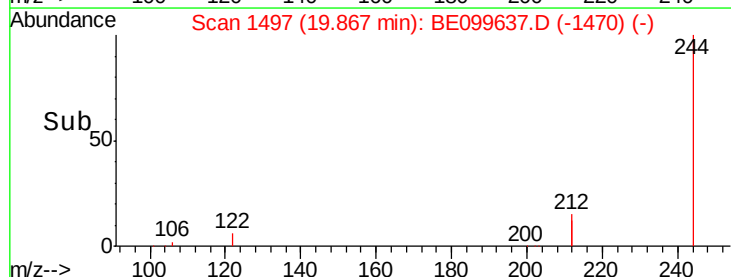
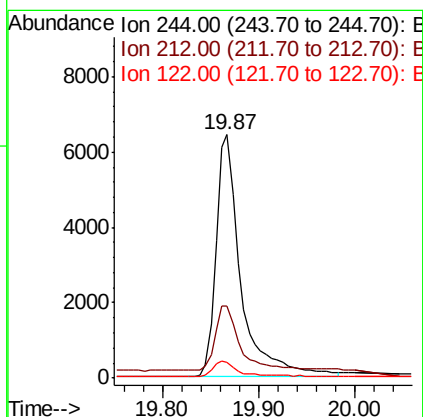
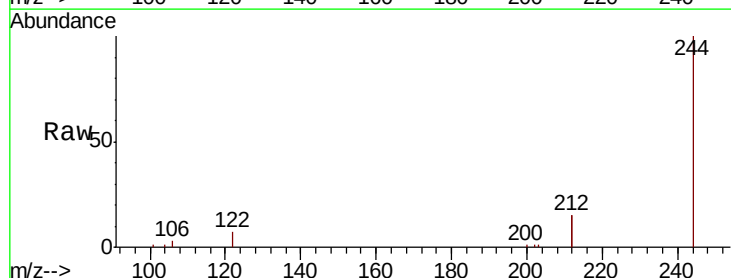
Tgt Ion:244 Resp: 11575

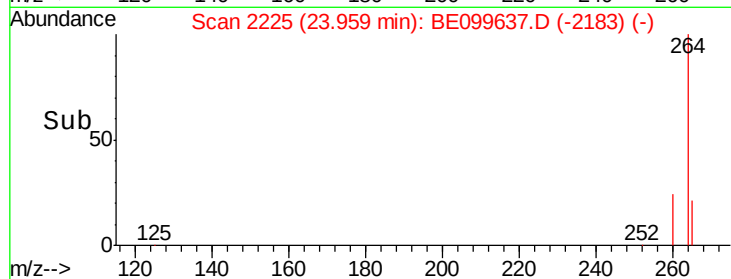
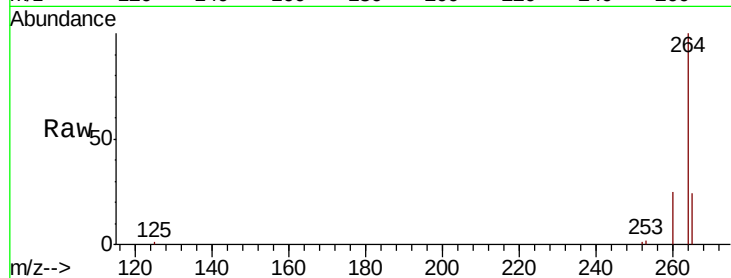
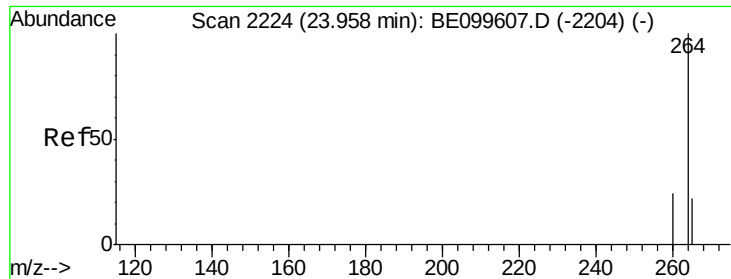
Ion Ratio Lower Upper

244 100

212 29.5 23.8 35.6

122 6.7 5.0 7.6





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE099637.D

Acq: 17 May 2019 00:27

Instrument :

BNA_E

ClientSampleId :

PB119714BL

Tgt Ion:264 Resp: 21201

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 24.4 21.2 31.8

