

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099981.D
 Acq On : 13 Jun 2019 9:58
 Operator : JU/SJ
 Sample : PB120516BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120516BL

Quant Time: Jun 14 03:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

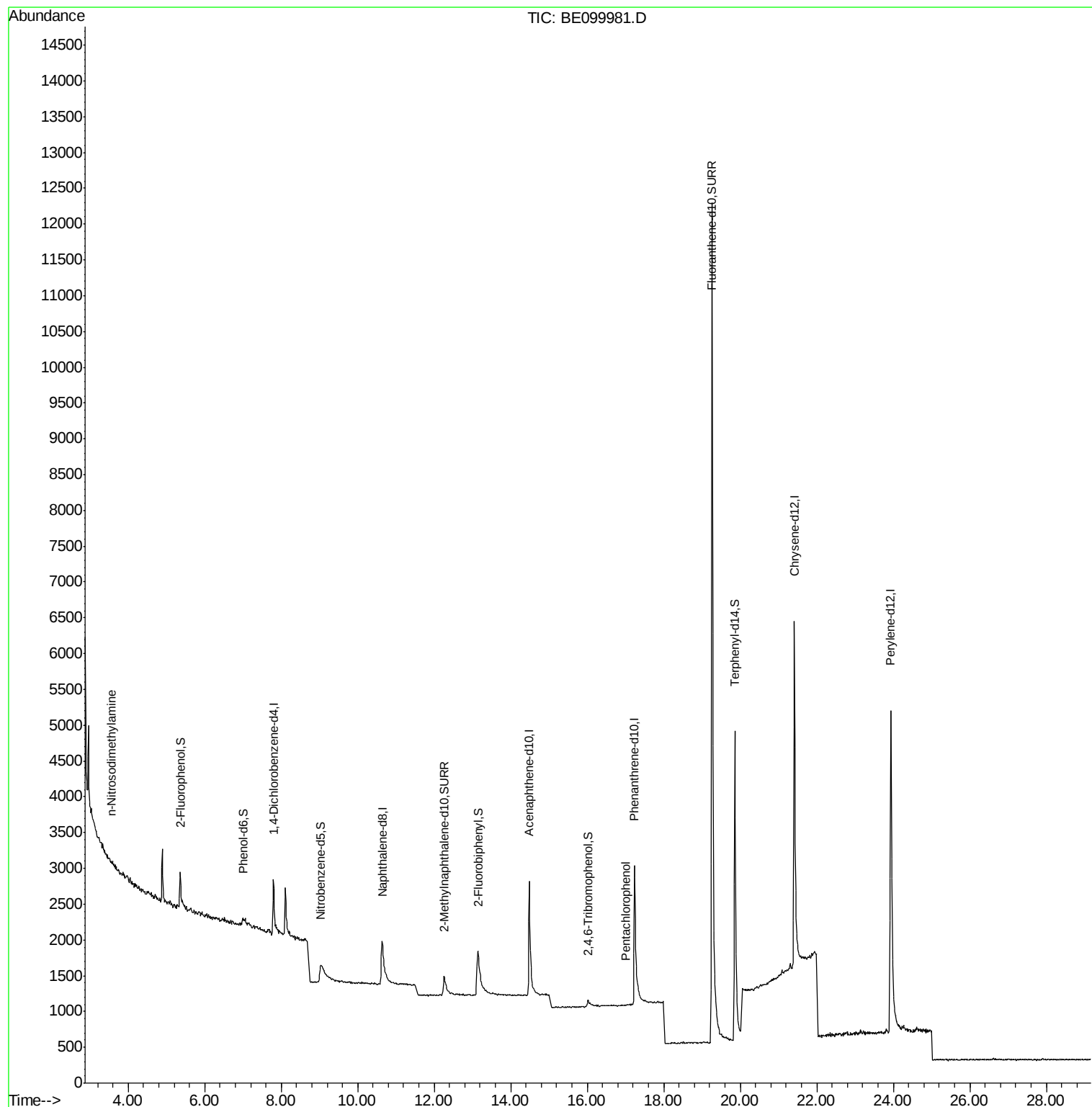
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	628	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	2030	0.40	ng	0.04
13) Acenaphthene-d10	14.49	164	1926	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6769	0.40	ng	0.01
27) Chrysene-d12	21.41	240	8923	0.40	ng	0.01
34) Perylene-d12	23.94	264	10416	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	542	0.32	ng	0.00
5) Phenol-d6	7.00	99	549	0.25	ng	0.03
8) Nitrobenzene-d5	9.04	82	472	0.25	ng	0.08
11) 2-Methylnaphthalene-d10	12.25	152	1176	0.33	ng	0.04
14) 2,4,6-Tribromophenol	16.02	330	226	0.16	ng	0.05
15) 2-Fluorobiphenyl	13.15	172	2261	0.31	ng	0.04
25) Fluoranthene-d10	19.26	212	30375	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	7660	0.48	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.55	42	55	0.103	ng	Qvalue # 100
22) Pentachlorophenol	17.00	266	3	0.301	ng	83

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099981.D

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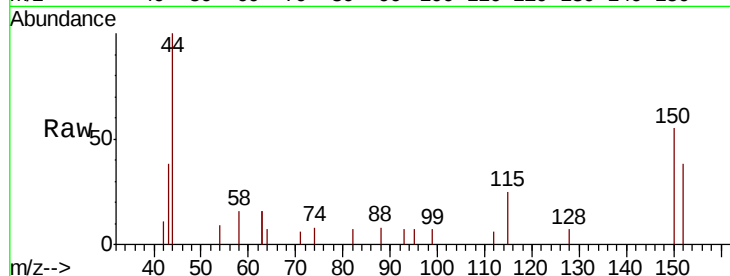
Tgt Ion: 152 Resp: 628

Ion Ratio Lower Upper

152 100

150 144.9 111.0 166.6

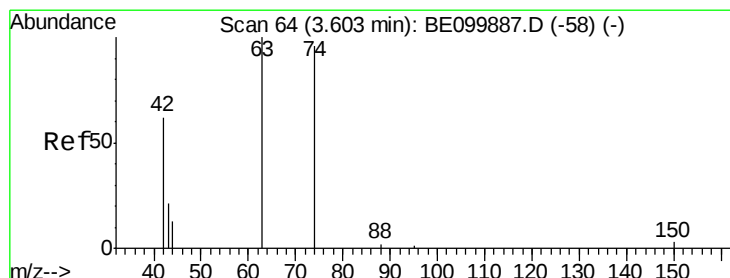
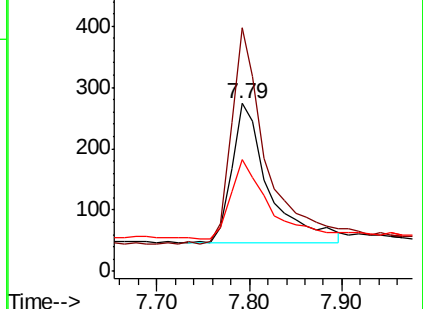
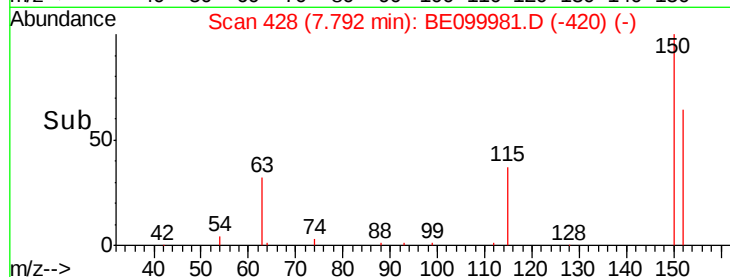
115 66.8 50.7 76.1



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: 0.103 ng

RT: 3.55 min Scan# 60

Delta R.T. -0.05 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

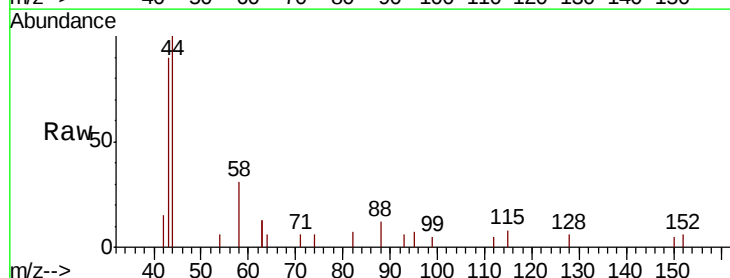
Tgt Ion: 42 Resp: 55

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

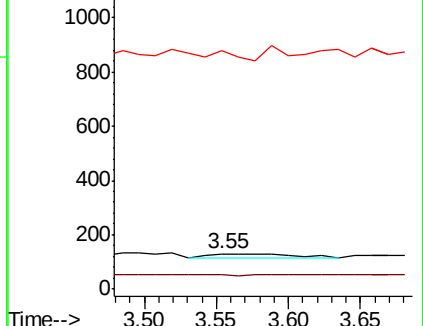
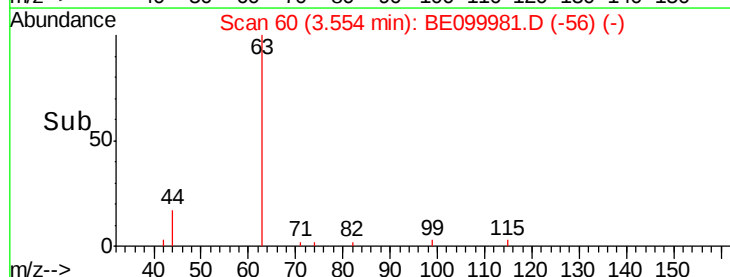
44 0.0 0.0 0.0



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: 0.320 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

Instrument :

BNA_E

ClientSampleId :

PB120516BL

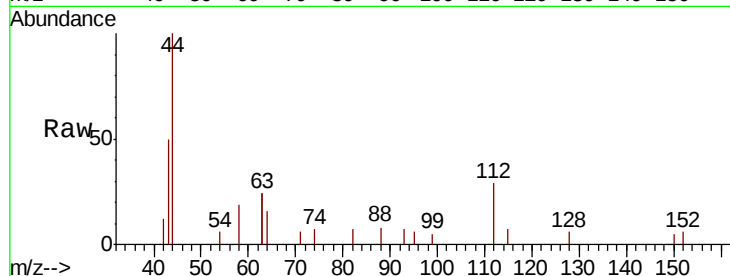
Tgt Ion: 112 Resp: 542

Ion Ratio Lower Upper

112 100

64 55.9 44.1 66.1

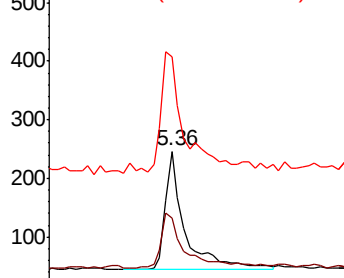
63 117.3 87.8 131.6



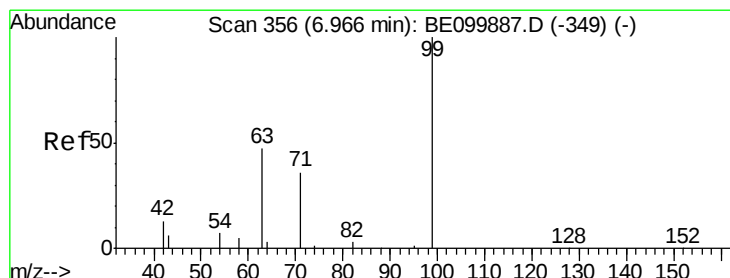
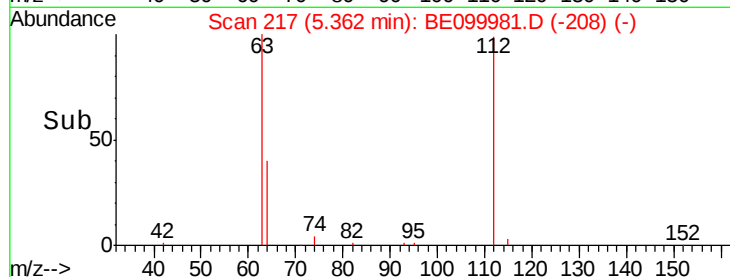
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.251 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

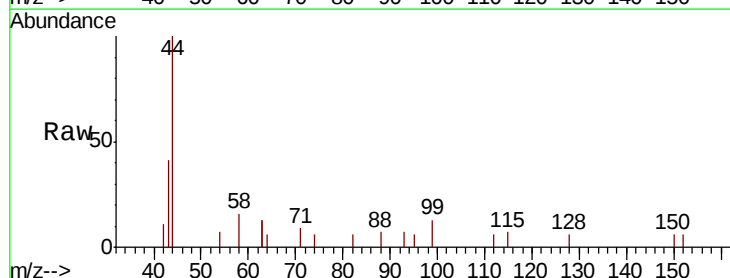
Tgt Ion: 99 Resp: 549

Ion Ratio Lower Upper

99 100

42 5.5 15.9 23.9#

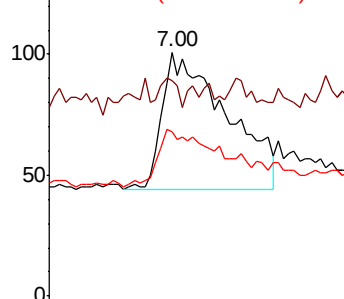
71 34.4 34.6 52.0#



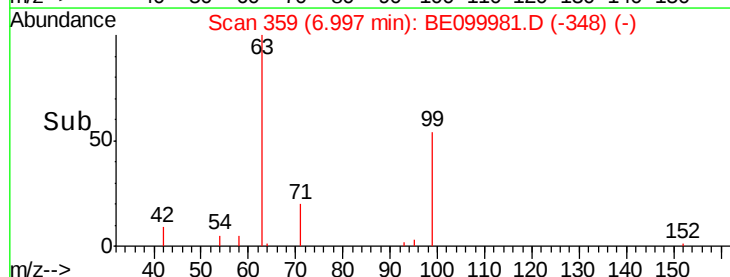
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.04 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

Instrument :

BNA_E

ClientSampleId :

PB120516BL

Tgt Ion: 136 Resp: 2030

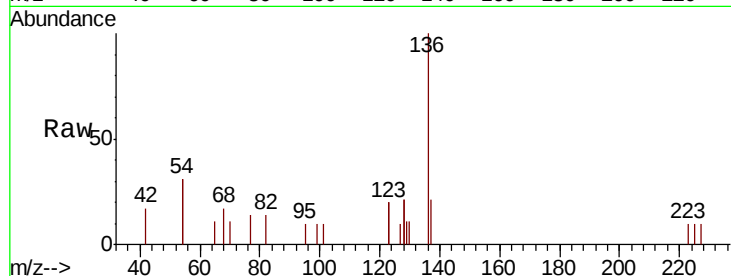
Ion Ratio Lower Upper

136 100

137 20.6 12.3 18.5#

54 62.6 28.2 42.4#

68 16.6 7.8 11.8#

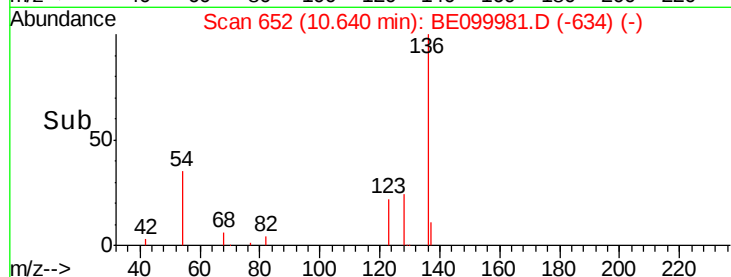
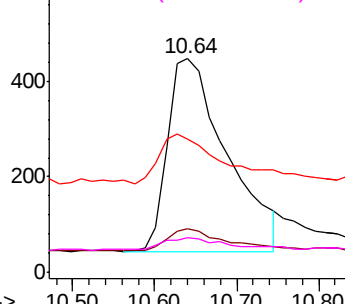


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.246 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

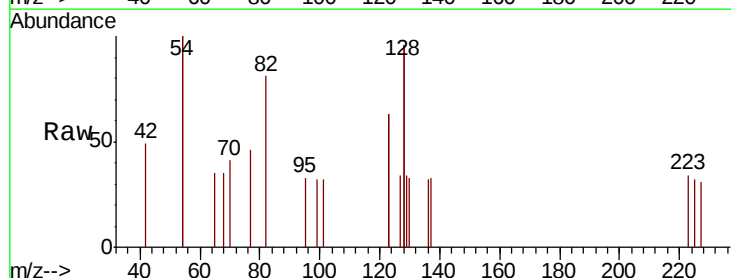
Tgt Ion: 82 Resp: 472

Ion Ratio Lower Upper

82 100

128 238.3 137.3 205.9#

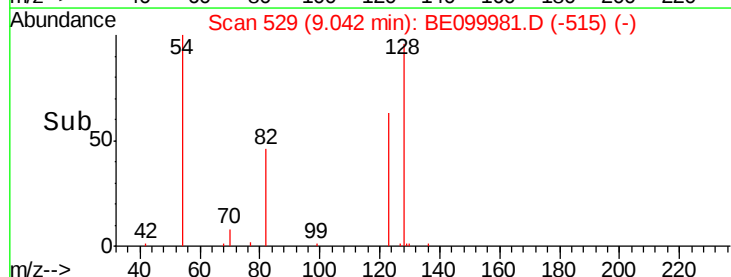
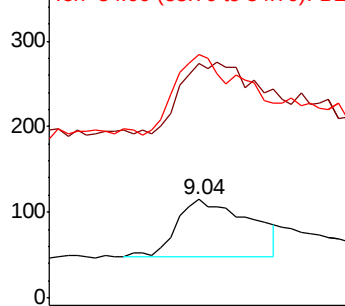
54 247.0 129.7 194.5#

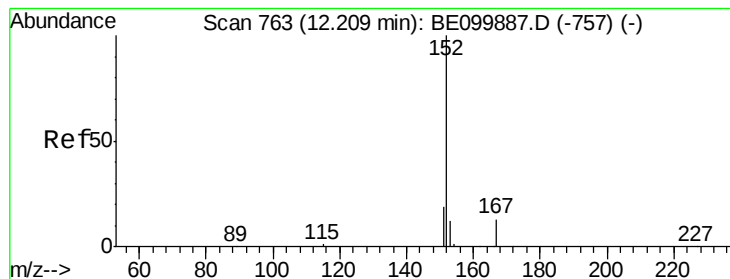


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.04 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

Instrument :

BNA_E

ClientSampleId :

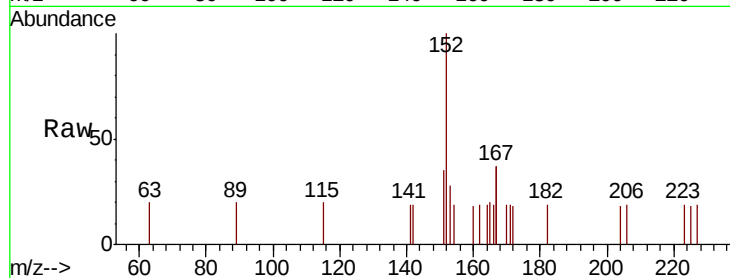
PB120516BL

Tgt Ion:152 Resp: 1176

Ion Ratio Lower Upper

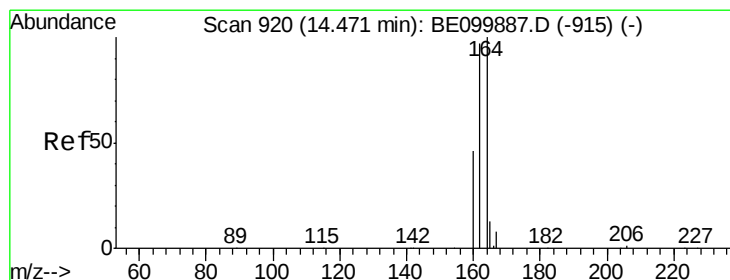
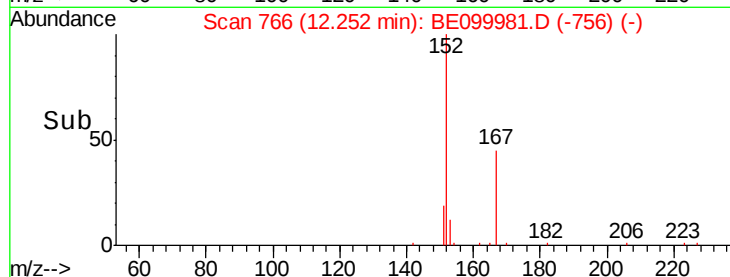
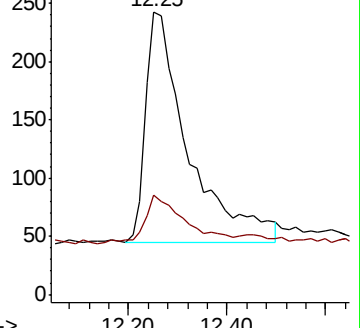
152 100

151 17.0 15.2 22.8



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. 0.01 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

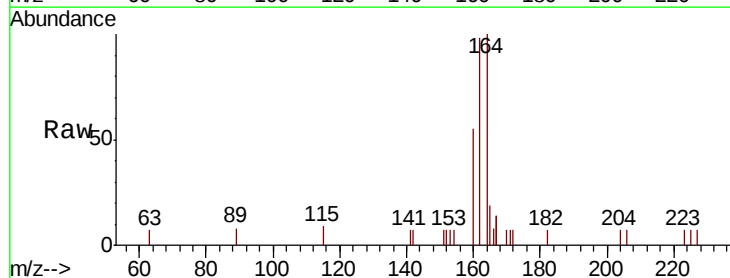
Tgt Ion:164 Resp: 1926

Ion Ratio Lower Upper

164 100

162 98.1 77.8 116.8

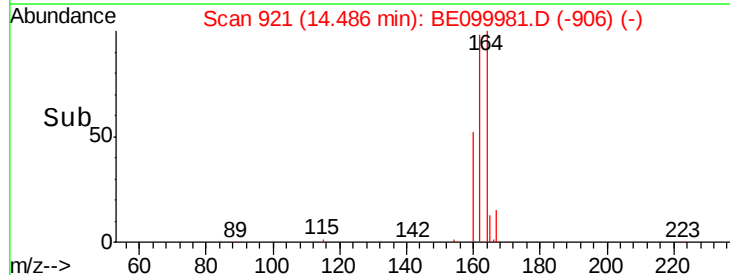
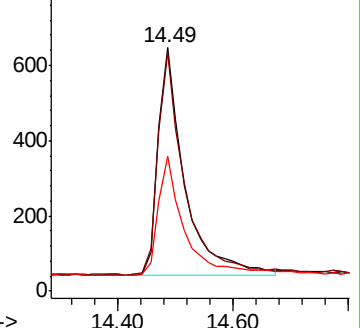
160 55.5 38.2 57.4

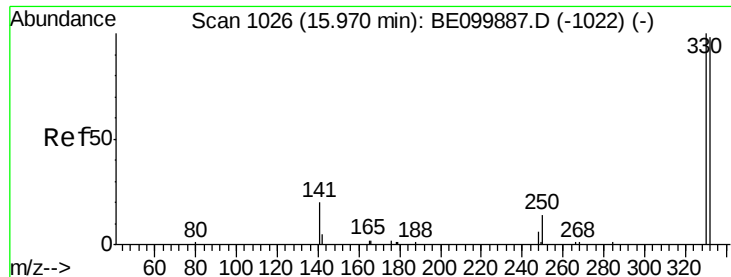


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

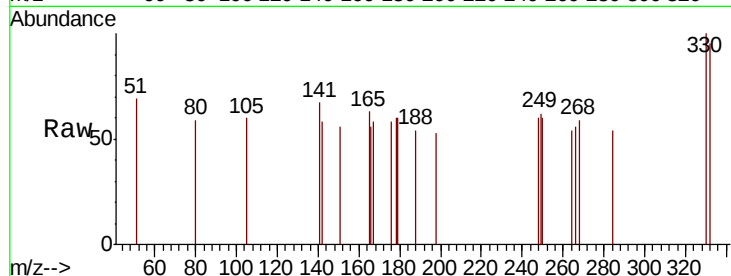




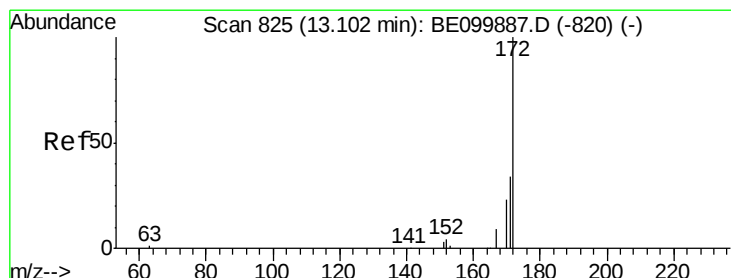
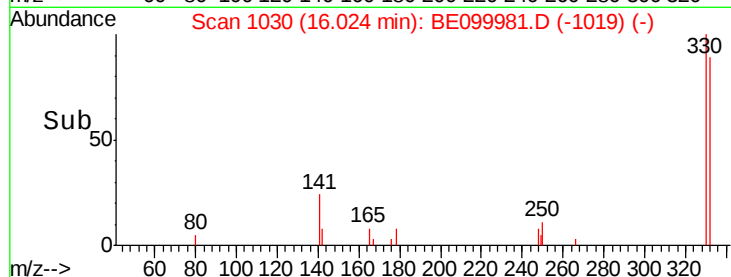
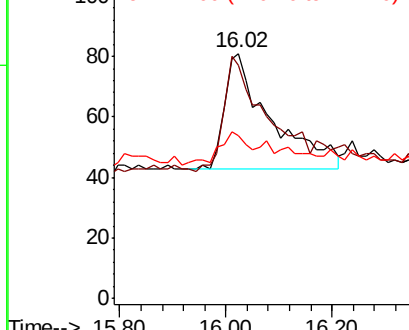
#14
 2,4,6-Tribromophenol
 Concen: 0.159 ng
 RT: 16.02 min Scan# 1030
 Delta R.T. 0.05 min
 Lab File: BE099981.D
 Acq: 13 Jun 2019 9:58

Instrument :
 BNA_E
 ClientSampleId :
 PB120516BL

Tgt Ion: 330 Resp: 226
 Ion Ratio Lower Upper
 330 100
 332 103.5 76.7 115.1
 141 18.6 21.0 31.6#

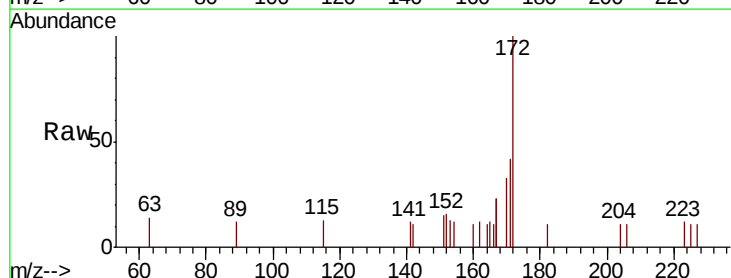


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

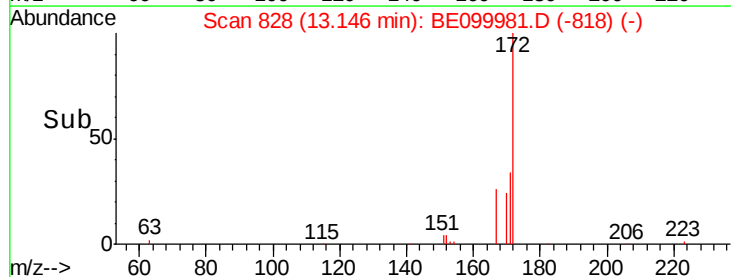
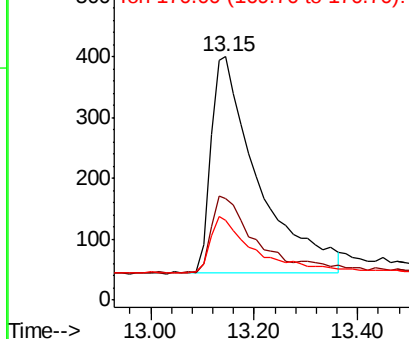


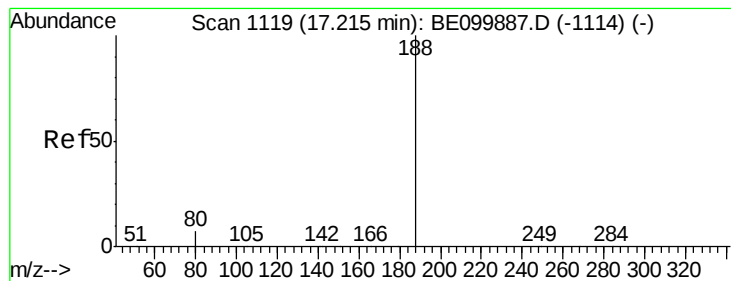
#15
 2-Fluorobiphenyl
 Concen: 0.310 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.04 min
 Lab File: BE099981.D
 Acq: 13 Jun 2019 9:58

Tgt Ion: 172 Resp: 2261
 Ion Ratio Lower Upper
 172 100
 171 41.8 29.2 43.8
 170 33.0 21.2 31.8#



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. 0.01 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

Instrument :

BNA_E

ClientSampleId :

PB120516BL

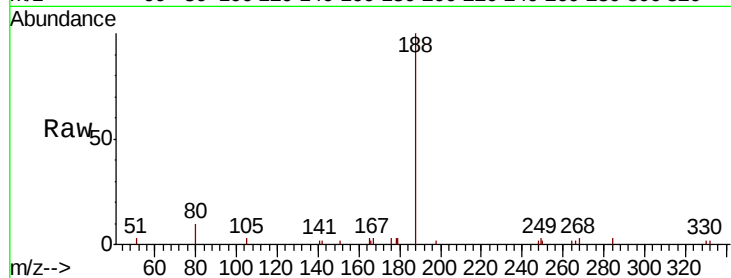
Tgt Ion:188 Resp: 6769

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

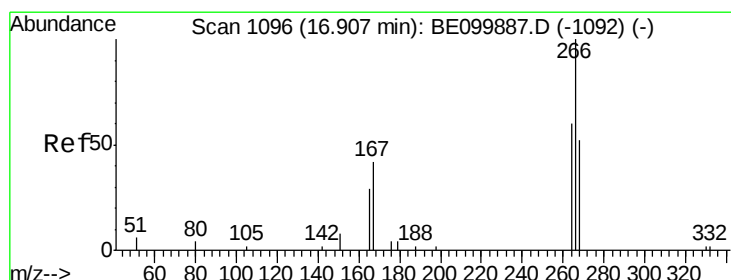
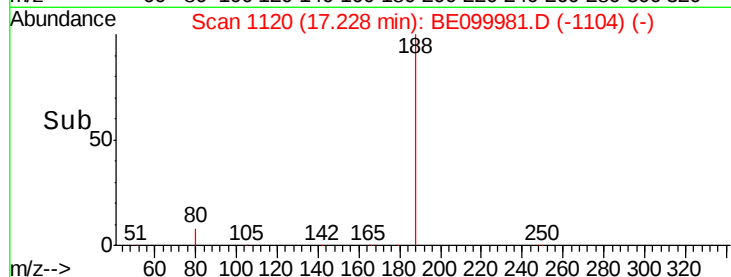
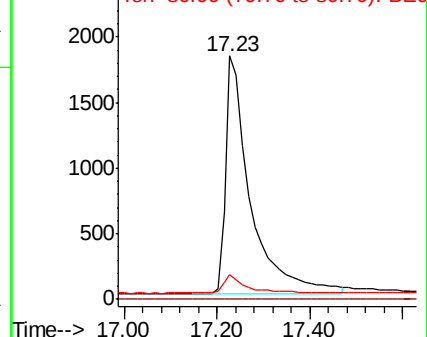
80 9.9 6.4 9.6#



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: 0.301 ng

RT: 17.00 min Scan# 1103

Delta R.T. 0.09 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

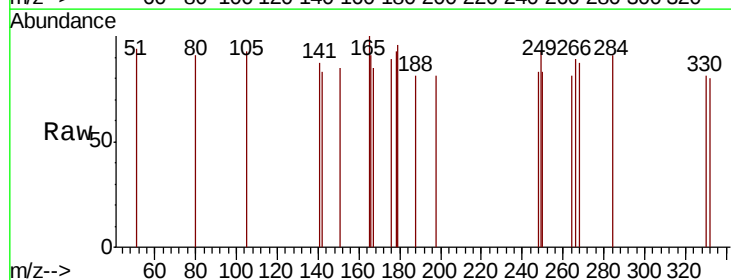
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 91.7 62.2 93.2

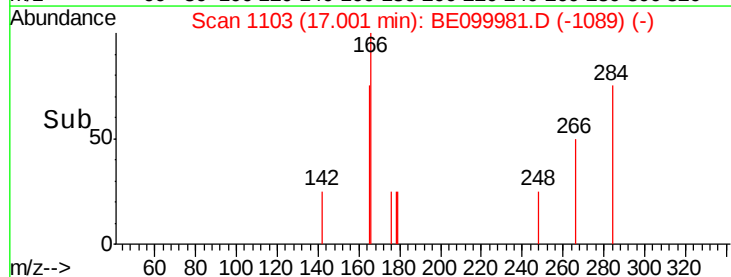
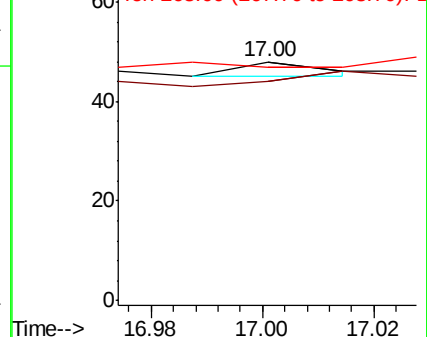
268 97.9 65.5 98.3

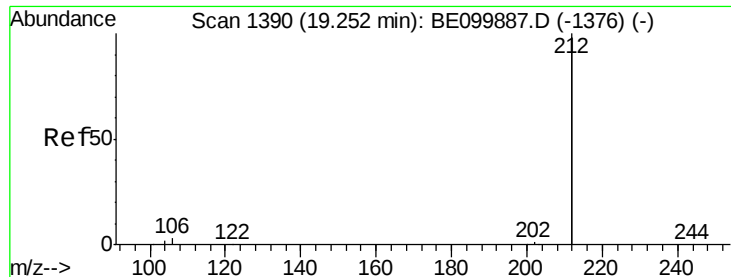


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.308 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

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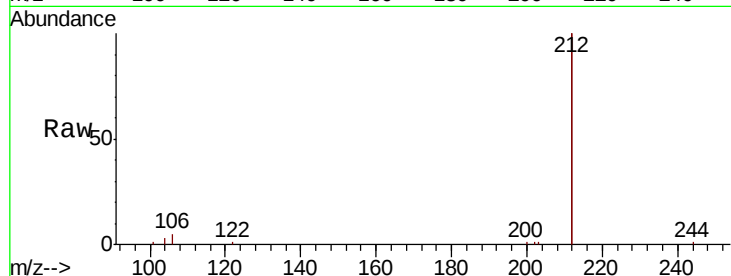
Tgt Ion:212 Resp: 30375

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.0 0.9 1.3

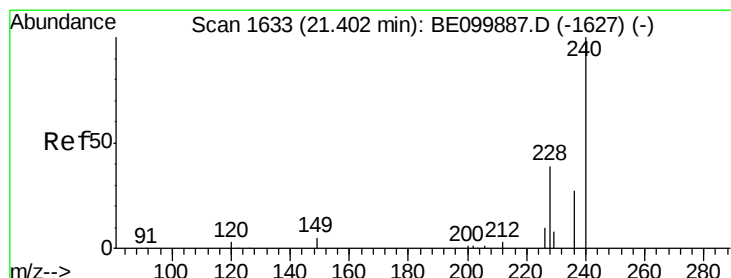
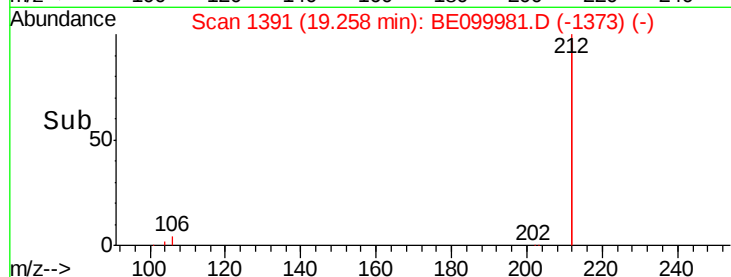
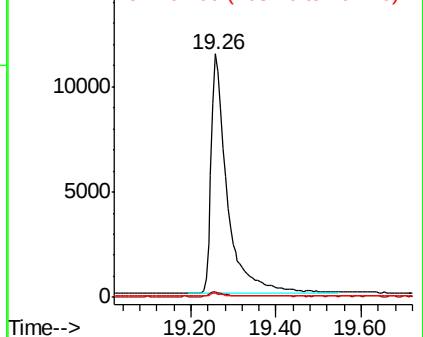


Abundance

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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

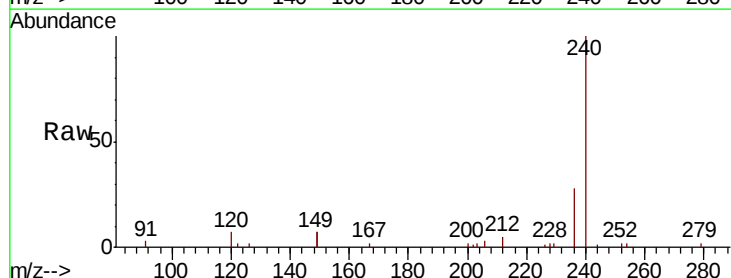
Tgt Ion:240 Resp: 8923

Ion Ratio Lower Upper

240 100

120 6.7 3.8 5.6#

236 27.9 22.0 33.0

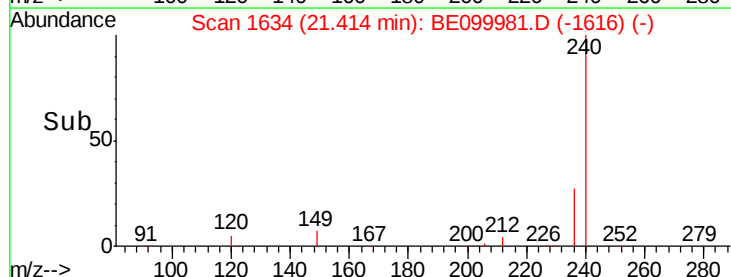
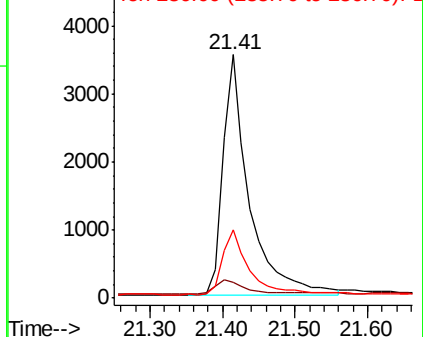


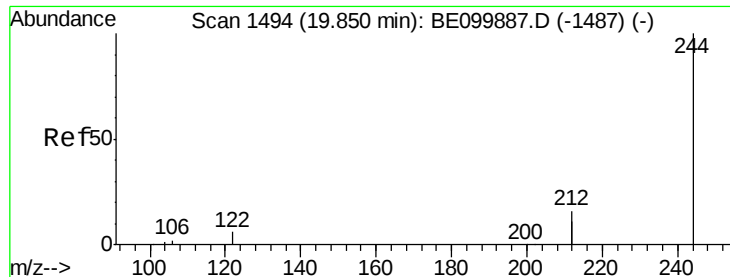
Abundance

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: 0.477 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

Instrument :

BNA_E

ClientSampleId :

PB120516BL

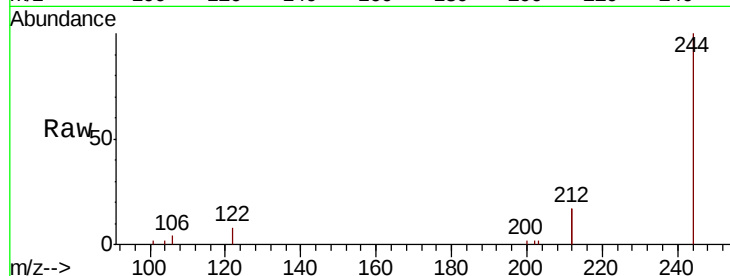
Tgt Ion:244 Resp: 7660

Ion Ratio Lower Upper

244 100

212 34.4 25.7 38.5

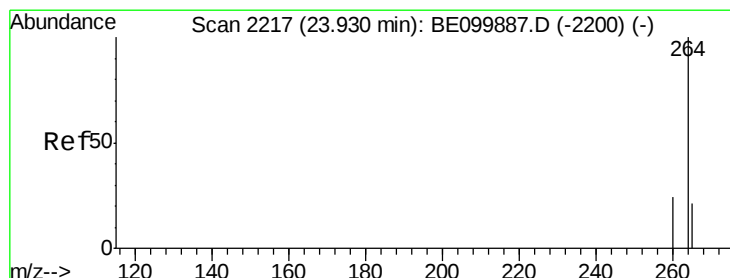
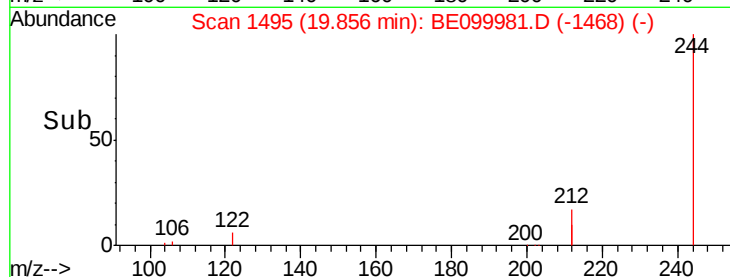
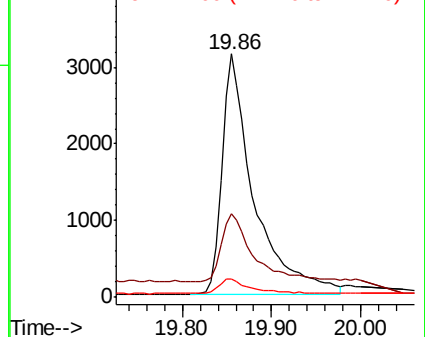
122 7.8 5.5 8.3



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: 23.94 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BE099981.D

Acq: 13 Jun 2019 9:58

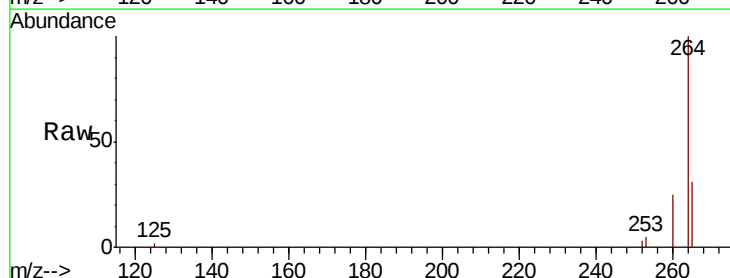
Tgt Ion:264 Resp: 10416

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 31.4 22.0 33.0



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

