

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099916.D
 Acq On : 11 Jun 2019 10:18
 Operator : JU/SJ
 Sample : PB120391BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BL

Quant Time: Jun 12 03:41:45 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

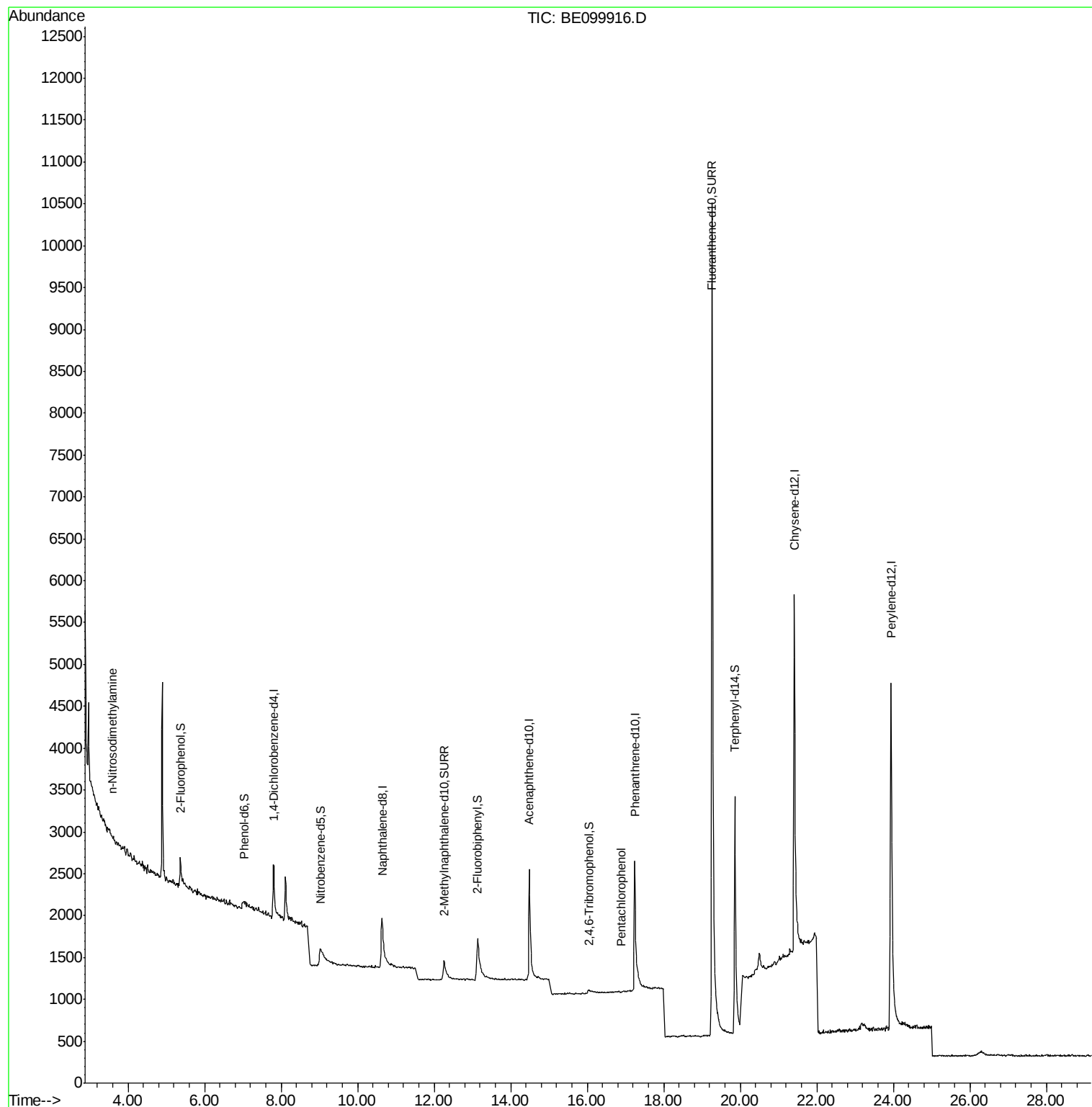
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	576	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	1907	0.40	ng	0.04
13) Acenaphthene-d10	14.48	164	1563	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	5458	0.40	ng	0.03
27) Chrysene-d12	21.42	240	8359	0.40	ng	0.01
34) Perylene-d12	23.94	264	9601	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	393	0.25	ng	0.00
5) Phenol-d6	7.04	99	390	0.19	ng	0.08
8) Nitrobenzene-d5	9.03	82	376	0.21	ng	0.06
11) 2-Methylnaphthalene-d10	12.25	152	998	0.30	ng	0.04
14) 2,4,6-Tribromophenol	16.04	330	112	0.10	ng	0.07
15) 2-Fluorobiphenyl	13.13	172	1592	0.27	ng	0.03
25) Fluoranthene-d10	19.26	212	25699	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	5199	0.35	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	21	0.043	ng	# 100
22) Pentachlorophenol	16.89	266	6	0.304	ng	# 82

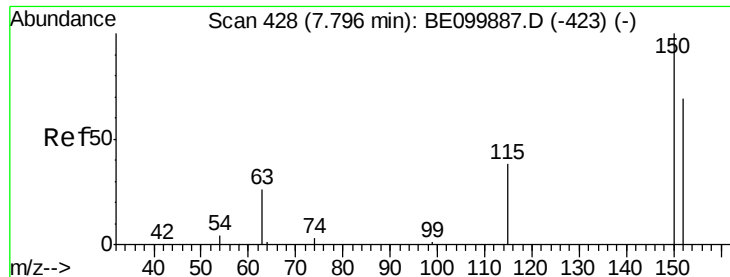
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.80 min Scan# 429

Delta R.T. 0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

PB120391BL

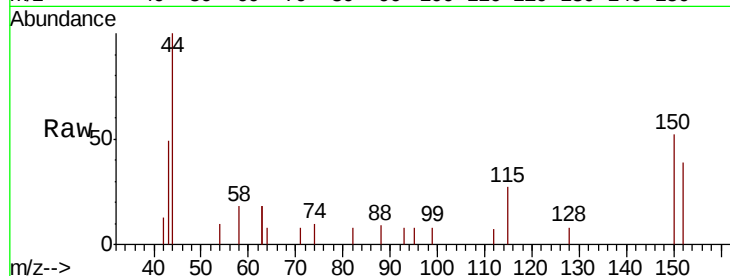
Tgt Ion: 152 Resp: 576

Ion Ratio Lower Upper

152 100

150 134.0 111.0 166.6

115 70.6 50.7 76.1

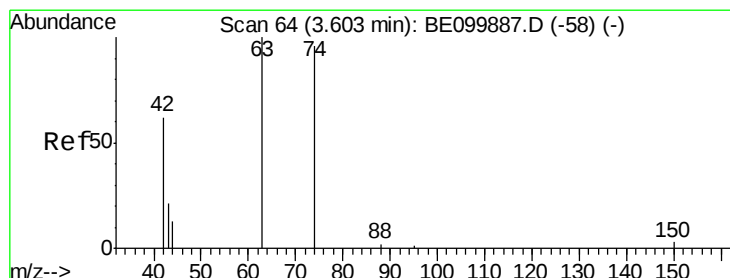
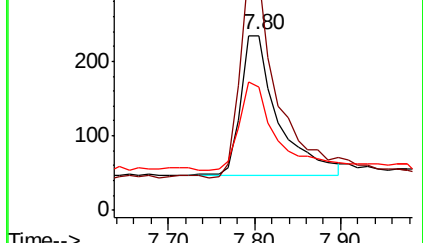
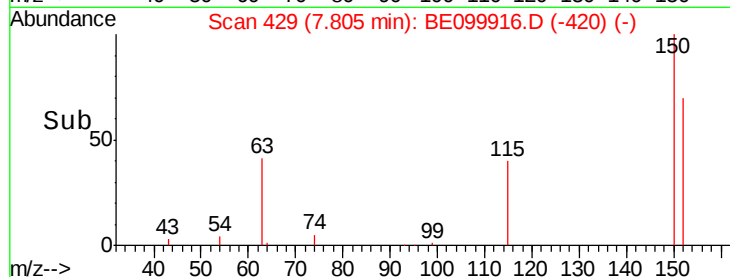


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#3

n-Nitrosodimethylamine

Concen: 0.043 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

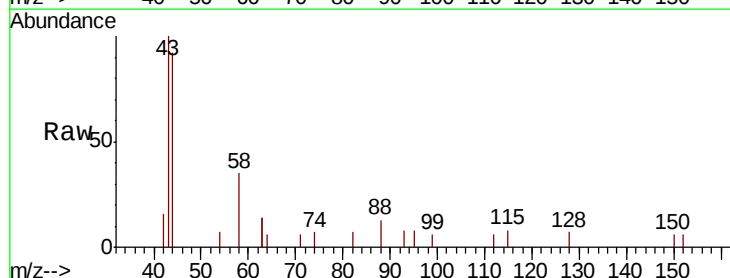
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

44 0.0 0.0 0.0

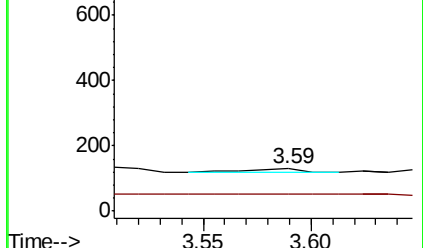
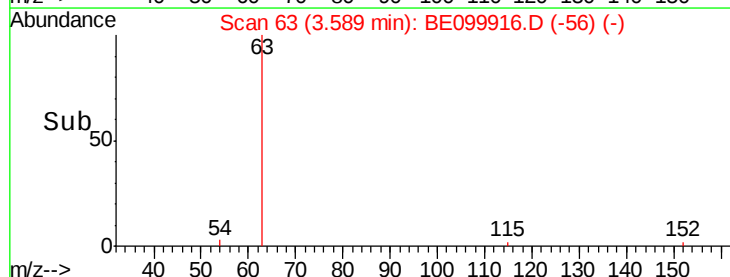


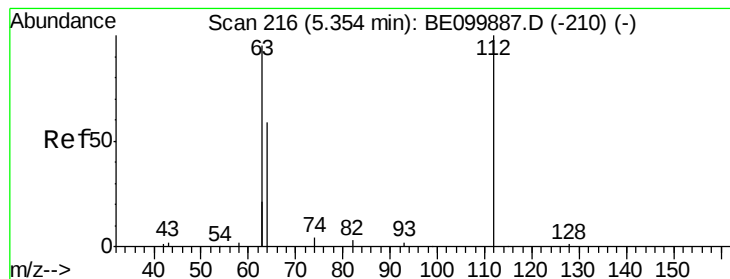
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.253 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

PB120391BL

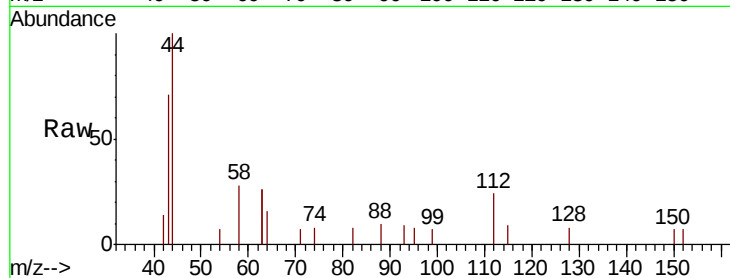
Tgt Ion: 112 Resp: 393

Ion Ratio Lower Upper

112 100

64 55.2 44.1 66.1

63 111.2 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

400

300

200

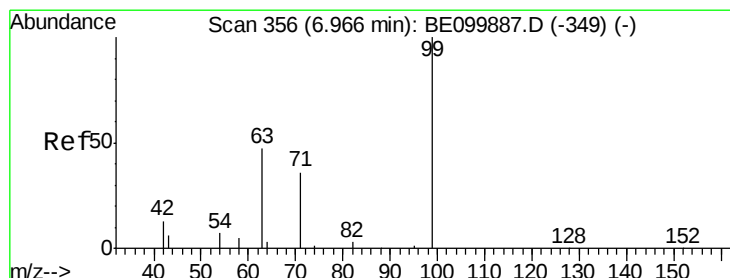
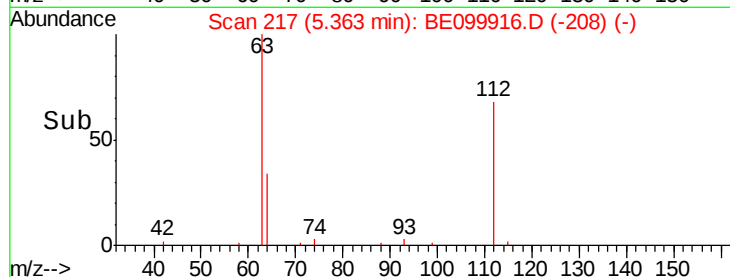
100

0

5.36

5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.195 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.08 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

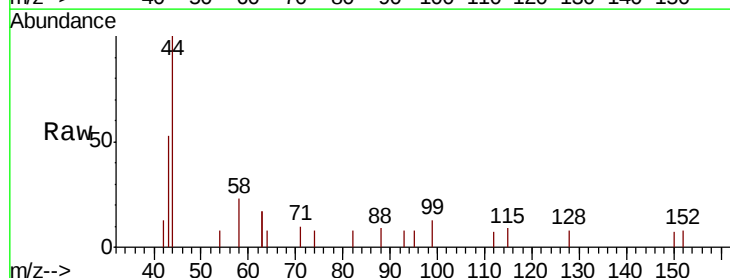
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 0.0 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

120

100

80

60

40

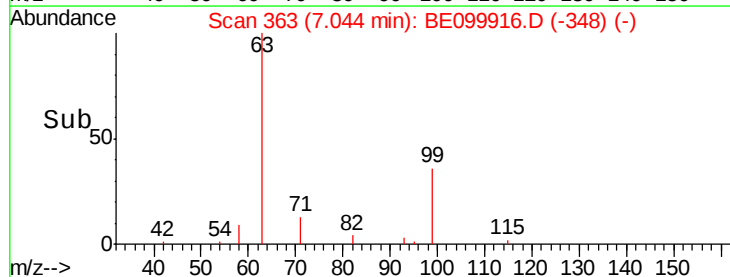
20

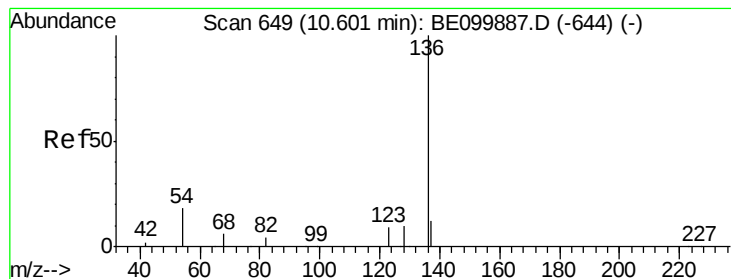
0

7.04

6.80 7.00 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.04 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

PB120391BL

Tgt Ion: 136 Resp: 1907

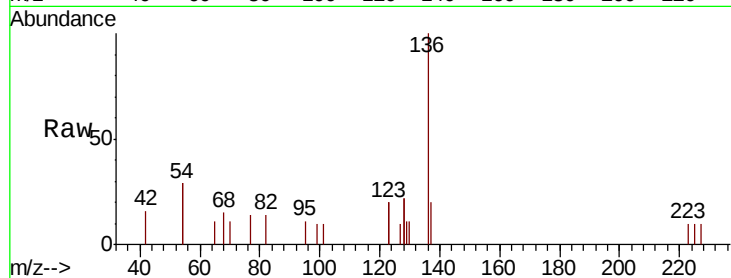
Ion Ratio Lower Upper

136 100

137 20.0 12.3 18.5#

54 57.8 28.2 42.4#

68 15.2 7.8 11.8#

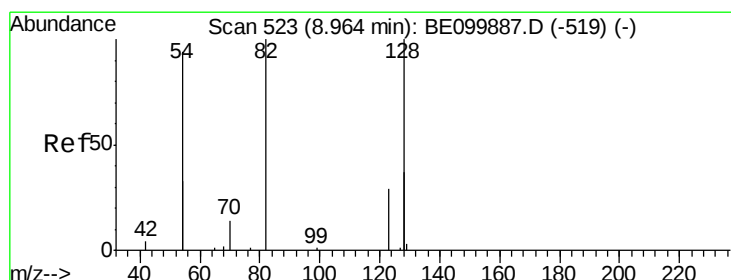
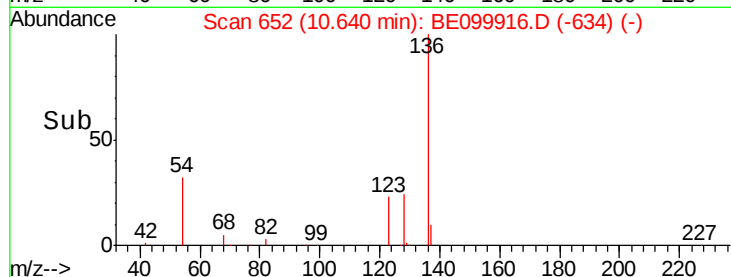
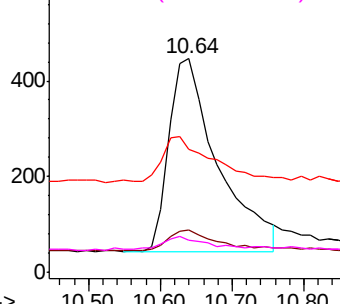


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.208 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

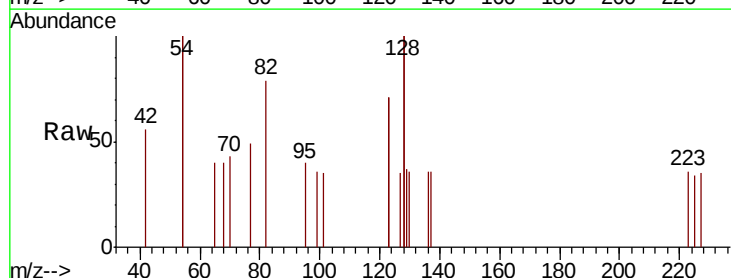
Tgt Ion: 82 Resp: 376

Ion Ratio Lower Upper

82 100

128 252.9 137.3 205.9#

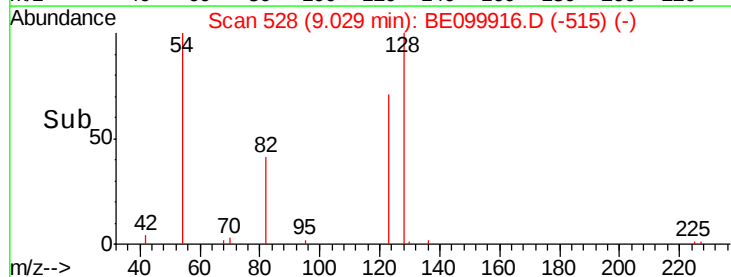
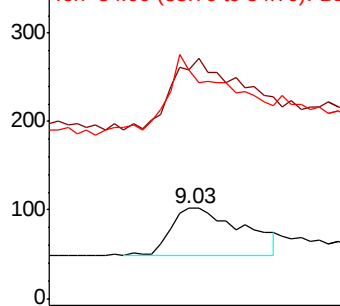
54 252.9 129.7 194.5#

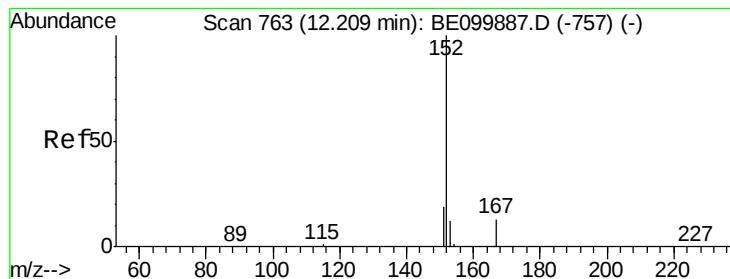


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.300 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.04 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

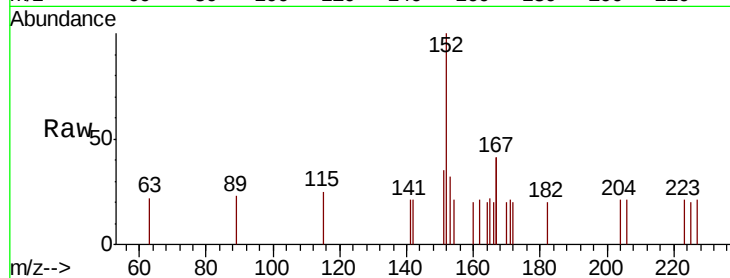
PB120391BL

Tgt Ion:152 Resp: 998

Ion Ratio Lower Upper

152 100

151 18.5 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

250

200

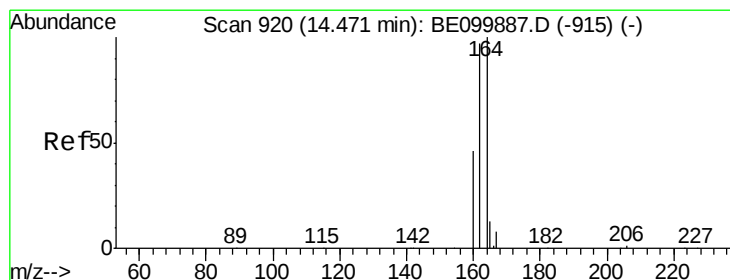
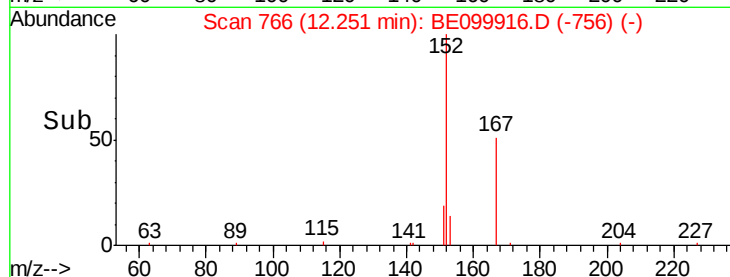
150

100

50

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

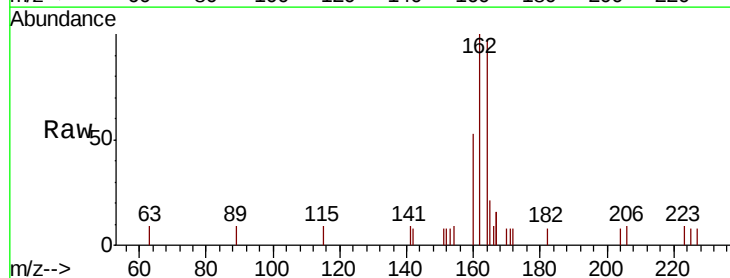
Tgt Ion:164 Resp: 1563

Ion Ratio Lower Upper

164 100

162 103.2 77.8 116.8

160 54.7 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

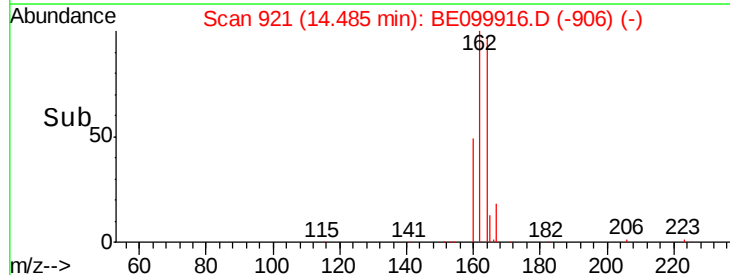
600

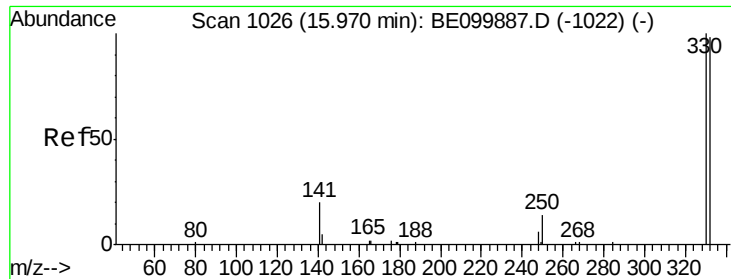
400

200

0

Time-->

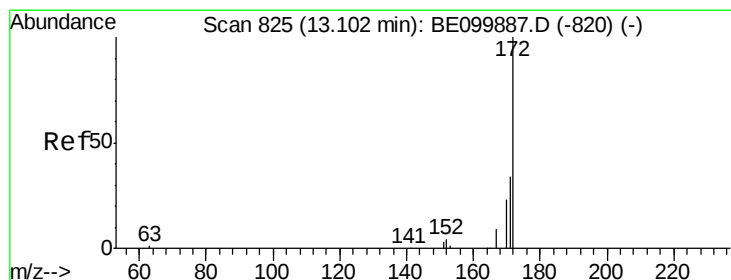
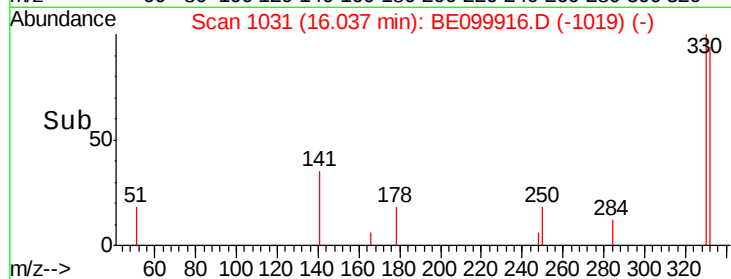
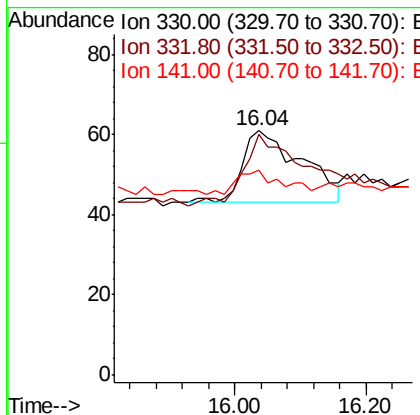
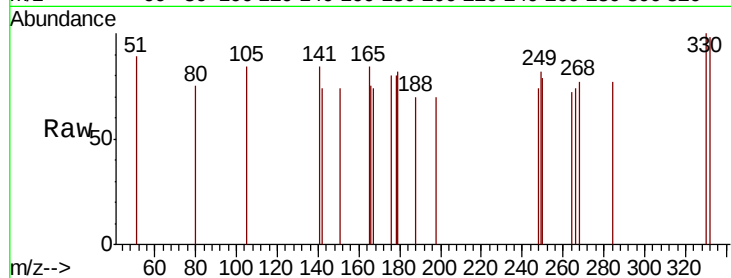




#14
 2,4,6-Tribromophenol
 Concen: 0.097 ng
 RT: 16.04 min Scan# 1031
 Delta R.T. 0.07 min
 Lab File: BE099916.D
 Acq: 11 Jun 2019 10:18

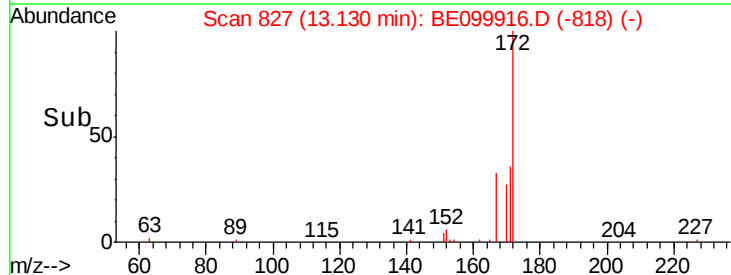
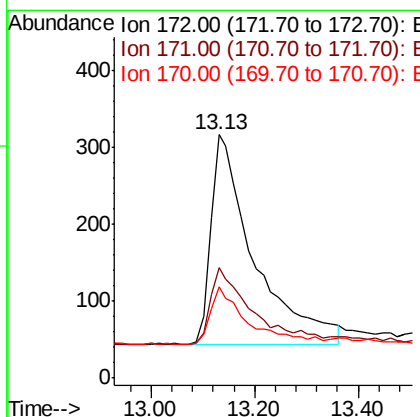
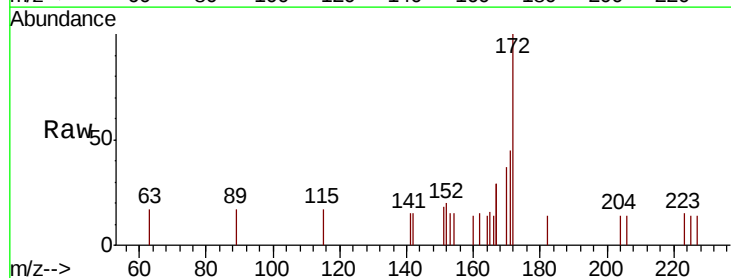
Instrument :
 BNA_E
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 PB120391BL

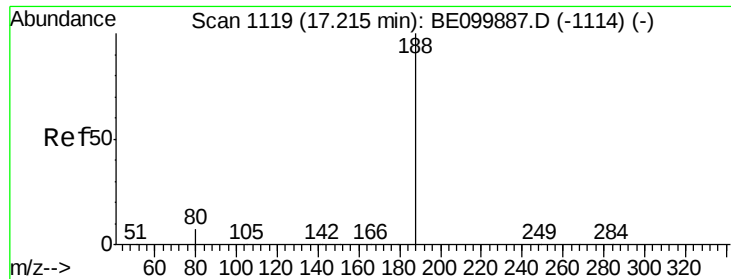
Tgt Ion: 330 Resp: 112
 Ion Ratio Lower Upper
 330 100
 332 134.8 76.7 115.1#
 141 25.9 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.269 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.03 min
 Lab File: BE099916.D
 Acq: 11 Jun 2019 10:18

Tgt Ion: 172 Resp: 1592
 Ion Ratio Lower Upper
 172 100
 171 45.1 29.2 43.8#
 170 37.2 21.2 31.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.03 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

PB120391BL

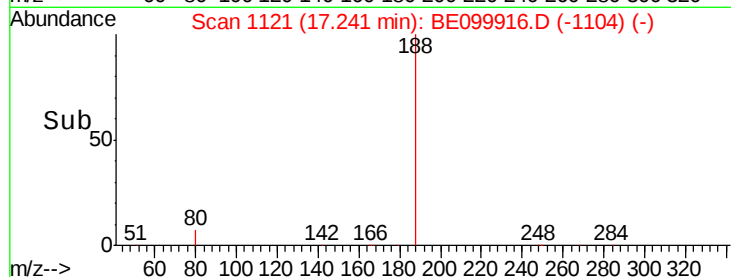
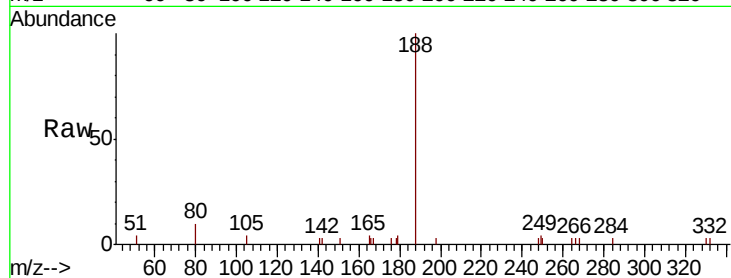
Tgt Ion:188 Resp: 5458

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

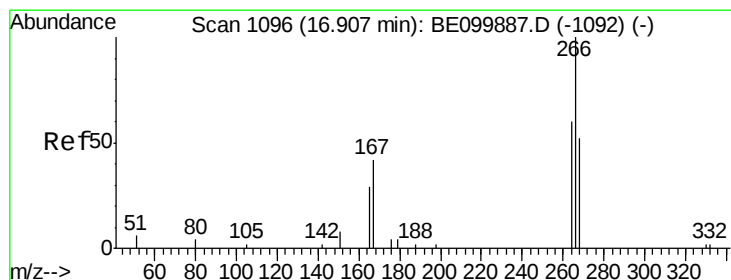
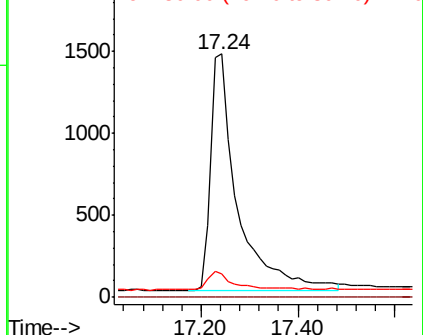
80 9.8 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

2000 Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.304 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

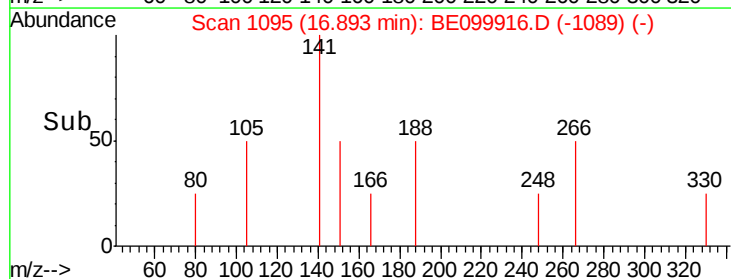
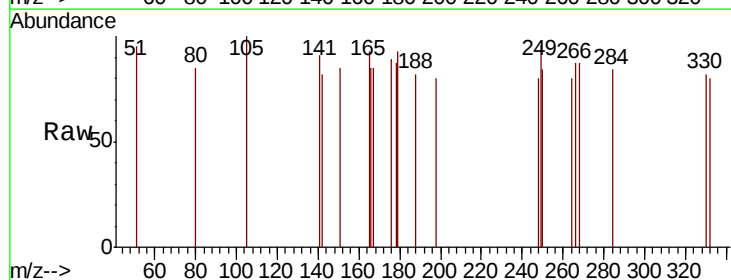
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.7 62.2 93.2

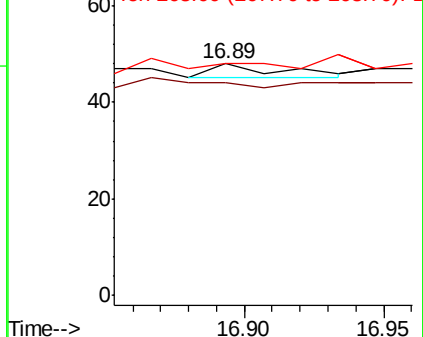
268 100.0 65.5 98.3#

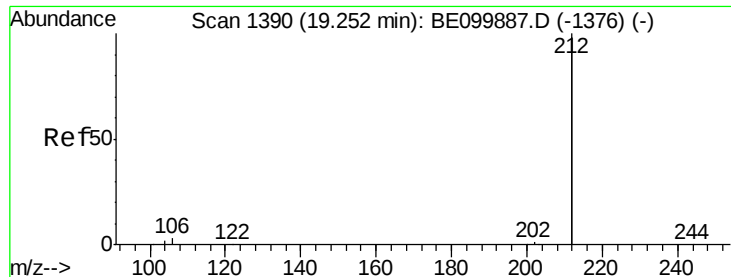


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.323 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

PB120391BL

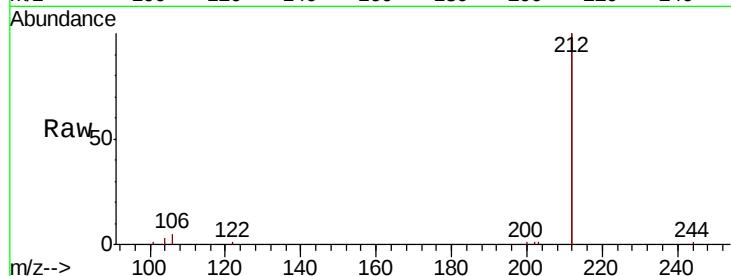
Tgt Ion:212 Resp: 25699

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

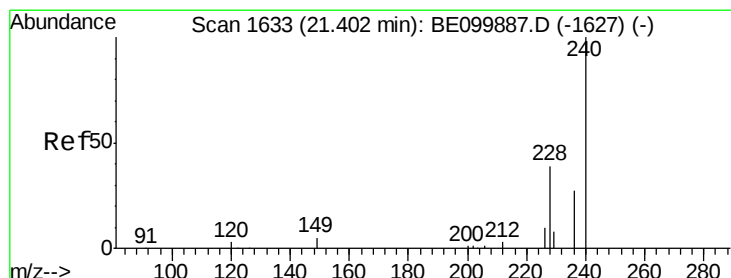
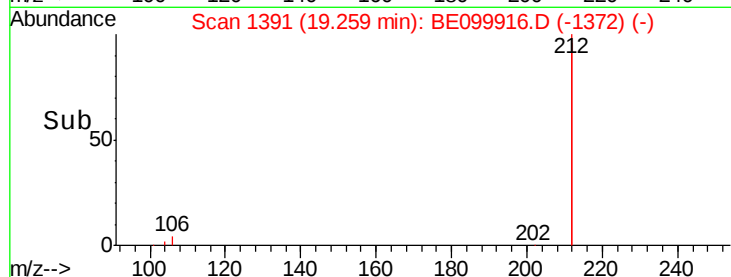
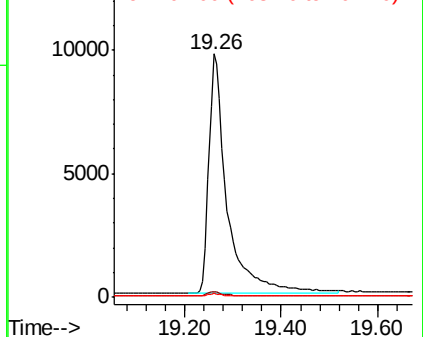
104 1.0 0.9 1.3



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: 21.42 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

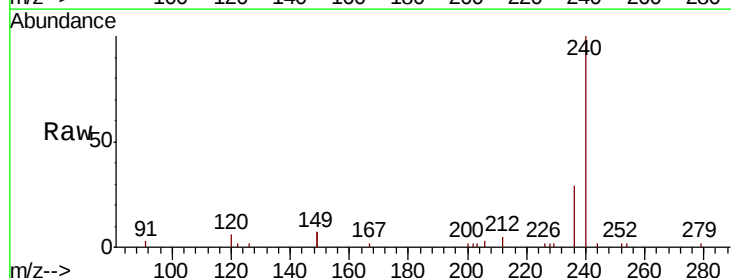
Tgt Ion:240 Resp: 8359

Ion Ratio Lower Upper

240 100

120 6.4 3.8 5.6#

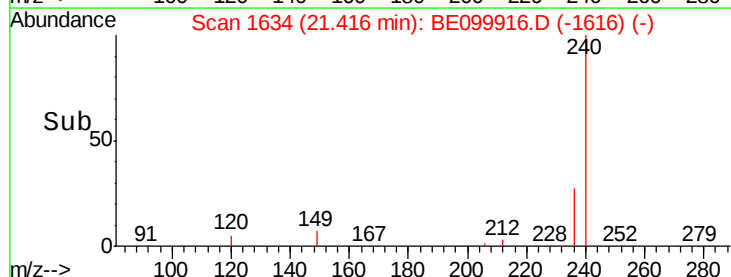
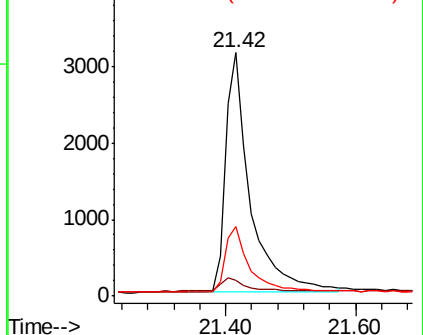
236 28.6 22.0 33.0

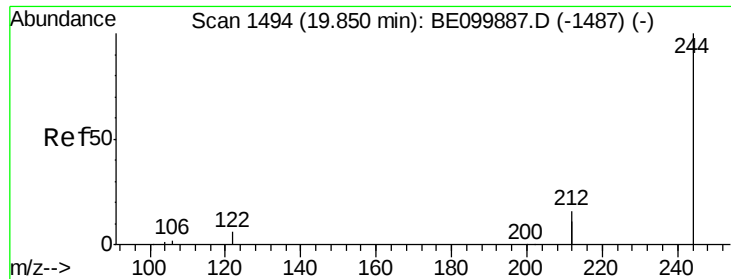


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

Instrument :

BNA_E

ClientSampleId :

PB120391BL

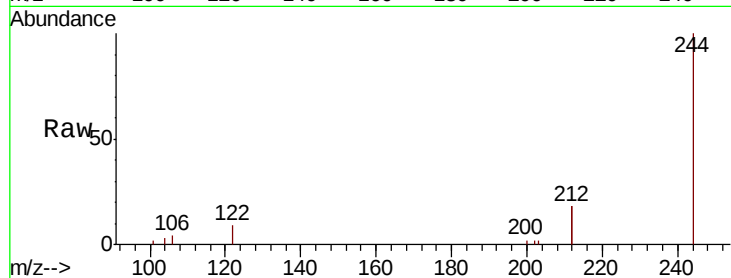
Tgt Ion:244 Resp: 5199

Ion Ratio Lower Upper

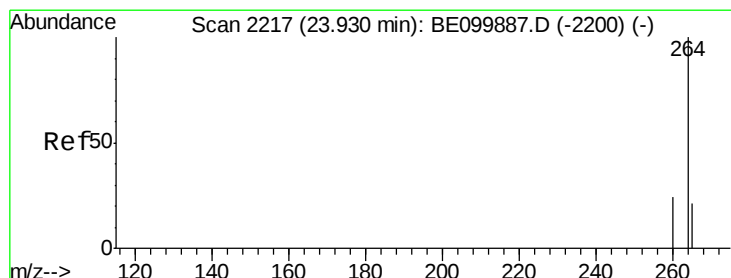
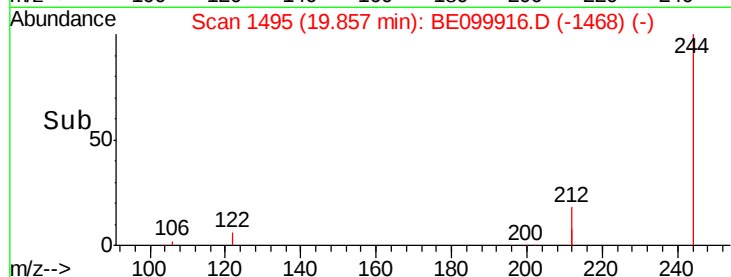
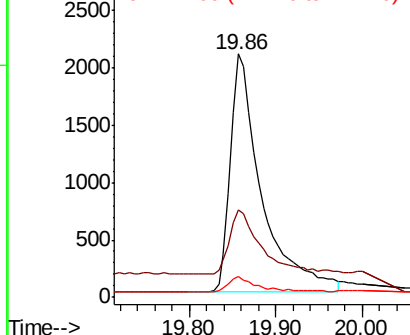
244 100

212 36.0 25.7 38.5

122 8.6 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# 2219

Delta R.T. 0.01 min

Lab File: BE099916.D

Acq: 11 Jun 2019 10:18

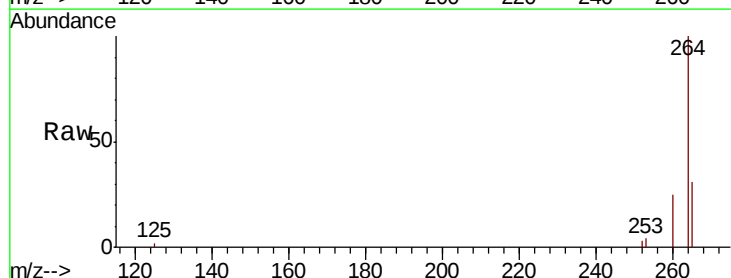
Tgt Ion:264 Resp: 9601

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 30.6 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

