

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE100009.D
 Acq On : 14 Jun 2019 2:48
 Operator : JU/SJ
 Sample : K3279-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190607

Quant Time: Jun 14 04:44:50 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	7.78	152	708	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2484	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2044	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7105	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9732	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11282	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.35	112	258	0.13	ng	0.00
5) Phenol-d6	6.95	99	205	0.08	ng	-0.01
8) Nitrobenzene-d5	8.98	82	754	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1387	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	448	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3025	0.39	ng	-0.01
25) Fluoranthene-d10	19.24	212	33185	0.32	ng	-0.01
29) Terphenyl-d14	19.84	244	10283	0.59	ng	-0.01

Target Compounds

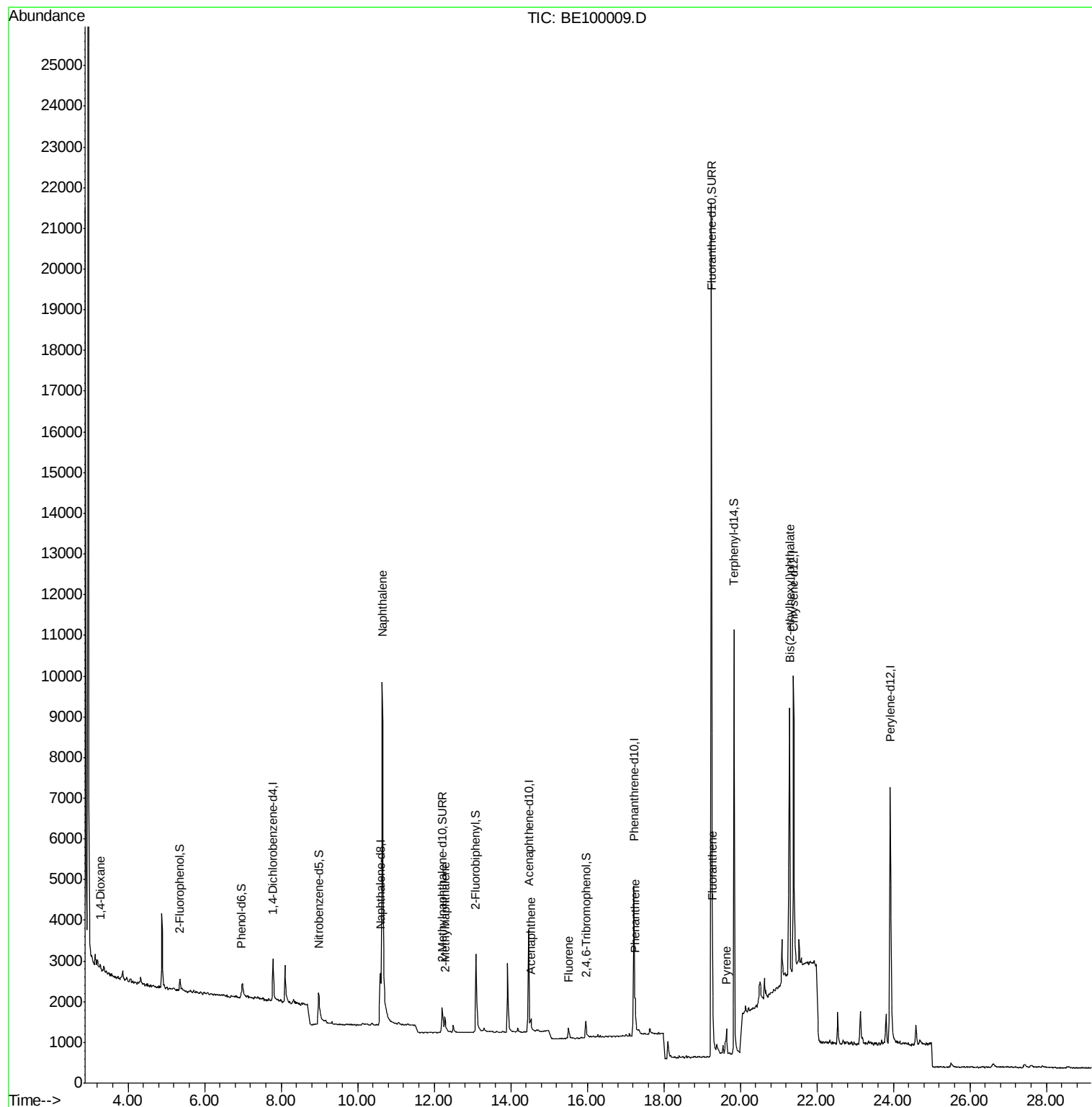
						Qvalue
2) 1,4-Dioxane	3.27	88	57	0.054	ng	# 8
9) Naphthalene	10.64	128	20600	0.768	ng	98
12) 2-Methylnaphthalene	12.28	142	362	0.083	ng	# 92
17) Acenaphthene	14.53	154	152	0.027	ng	93
18) Fluorene	15.52	166	290	0.035	ng	94
23) Phenanthrene	17.26	178	889	0.052	ng	99
26) Fluoranthene	19.28	202	705	0.024	ng	# 91
28) Pyrene	19.64	202	573	0.022	ng	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	12307	0.295	ng	# 100

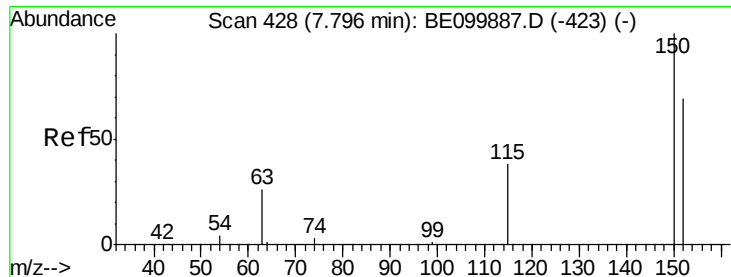
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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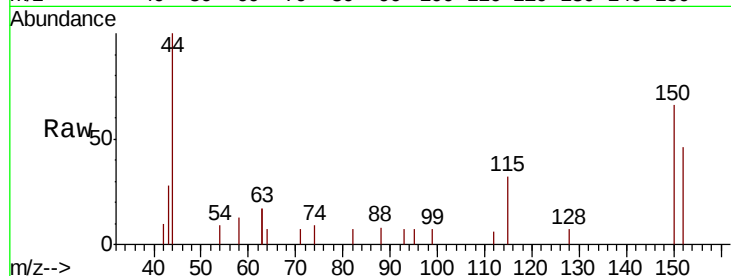


#1

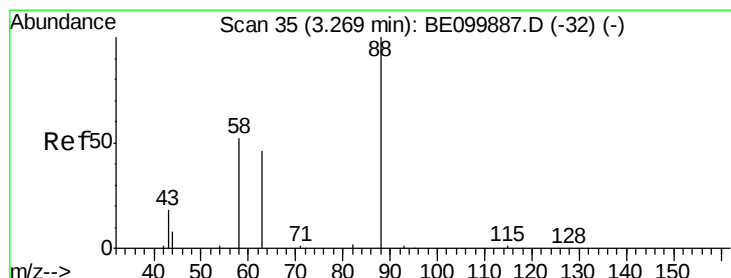
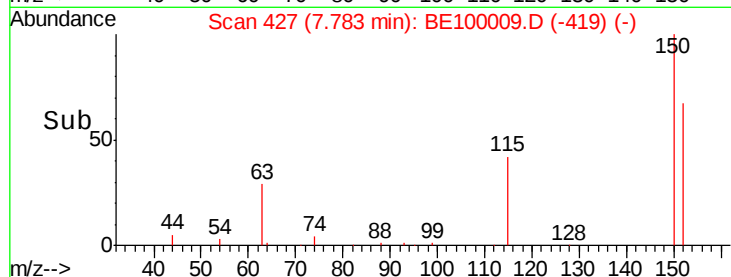
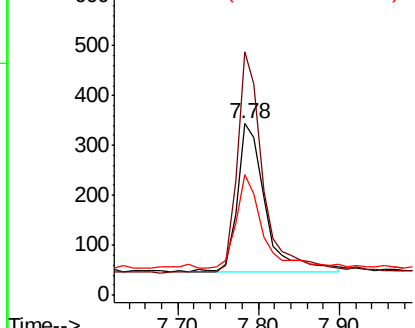
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312S-20190607

Tot Ion:152 Resp: 708
Ion Ratio Lower Upper
152 100
150 141.9 111.0 166.6
115 70.1 50.7 76.1



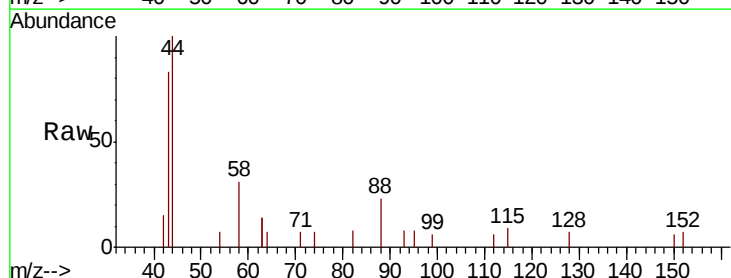
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



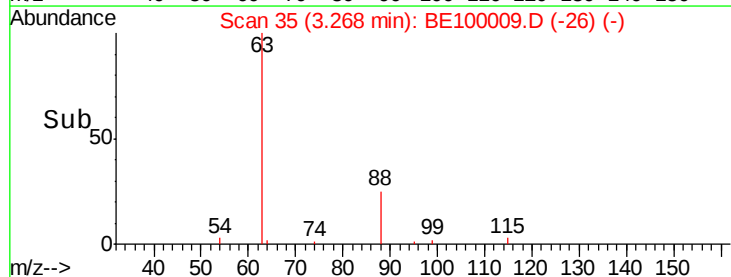
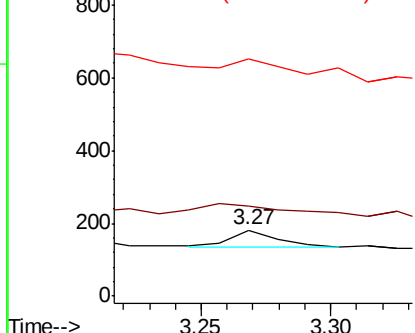
#2

1,4-Dioxane
Concen: 0.054 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 143.9 48.8 73.2#
43 0.0 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

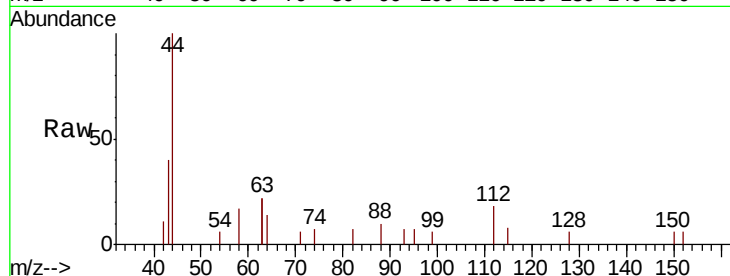
Tot Ion:112 Resp: 258

Ion Ratio Lower Upper

112 100

64 52.7 44.1 66.1

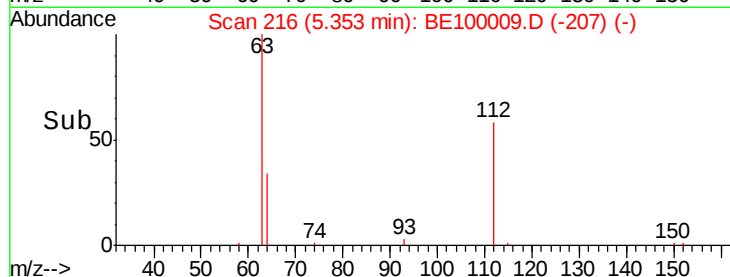
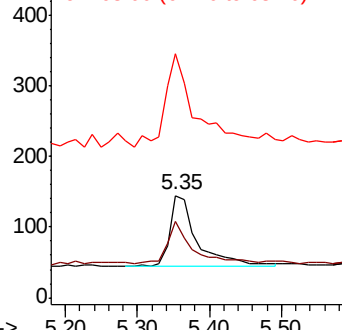
63 154.3 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.083 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

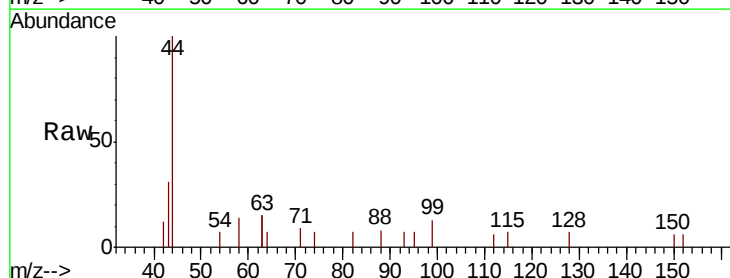
Tgt Ion: 99 Resp: 205

Ion Ratio Lower Upper

99 100

42 22.9 15.9 23.9

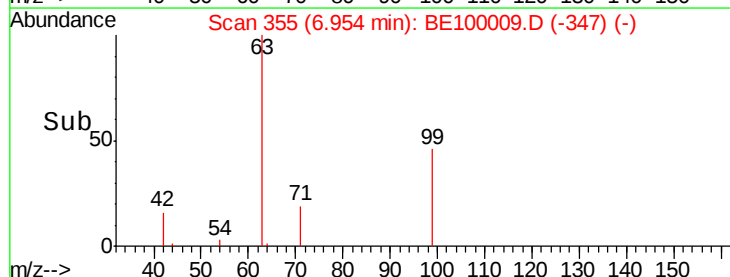
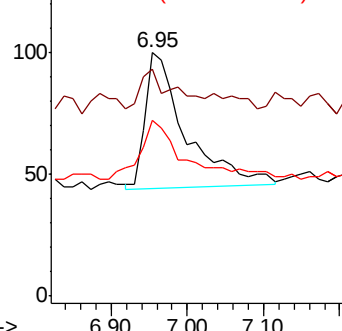
71 49.3 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

Tot Ion:136 Resp: 2484

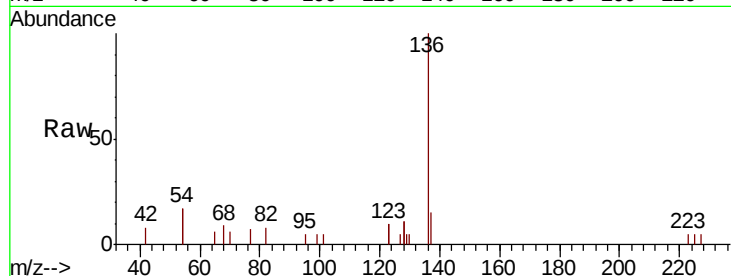
Ion Ratio Lower Upper

136 100

137 14.8 12.3 18.5

54 34.1 28.2 42.4

68 9.1 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): BE1

Ion 68.00 (67.70 to 68.70): BE1

1500

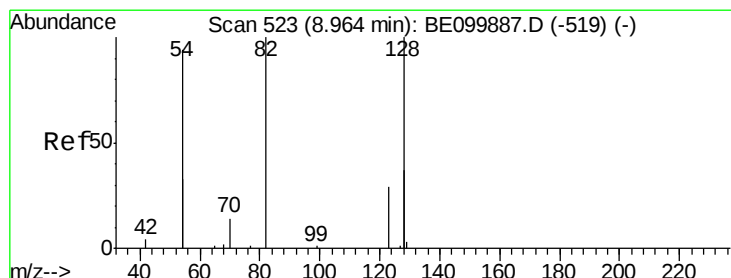
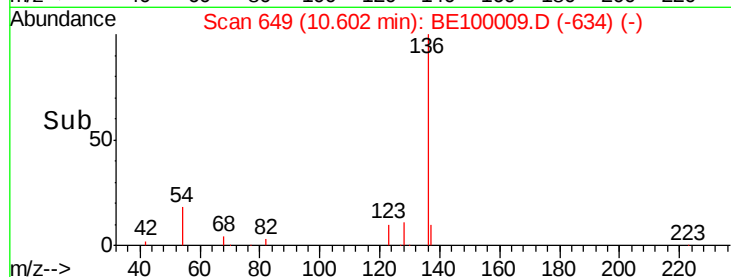
1000

500

0

10.50 10.60 10.70

Time-->



#8

Nitrobenzene-d5

Concen: 0.321 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

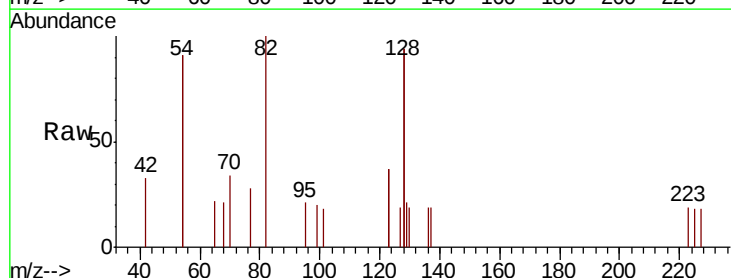
Tgt Ion: 82 Resp: 754

Ion Ratio Lower Upper

82 100

128 187.1 137.3 205.9

54 181.5 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

600

500

400

300

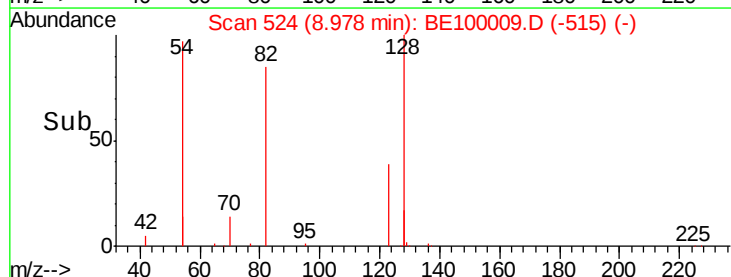
200

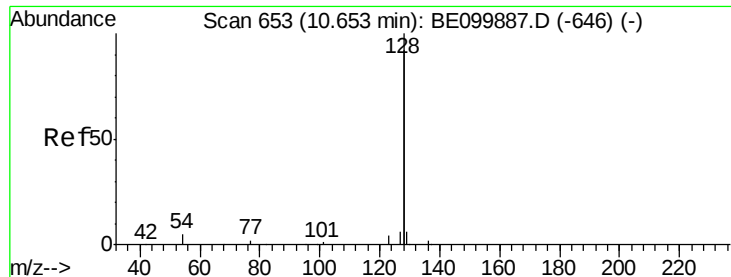
100

0

8.90 8.98 9.00 9.10

Time-->





#9

Naphthalene

Concen: 0.768 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

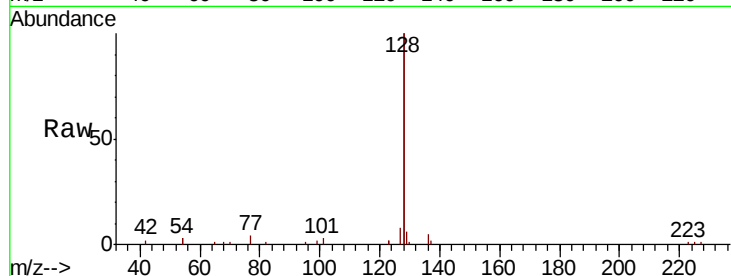
Tot Ion:128 Resp: 20600

Ion Ratio Lower Upper

128 100

129 3.1 3.0 4.6

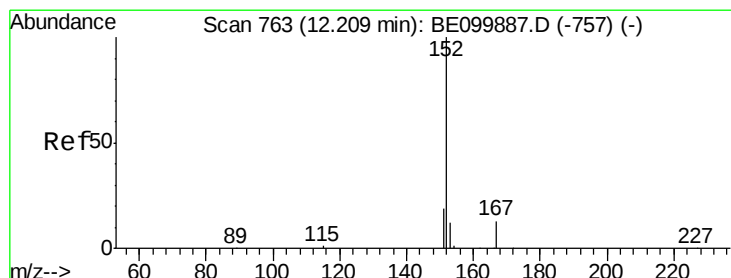
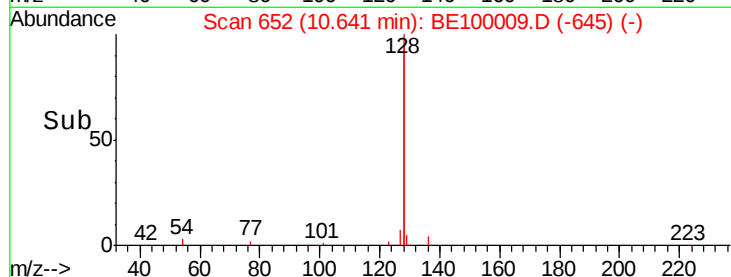
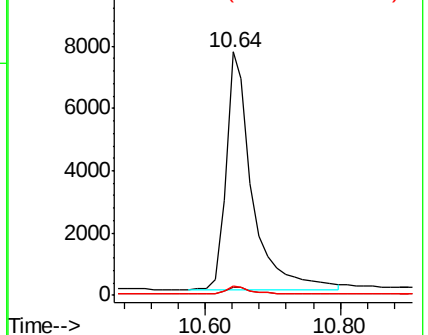
127 3.9 3.4 5.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.320 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100009.D

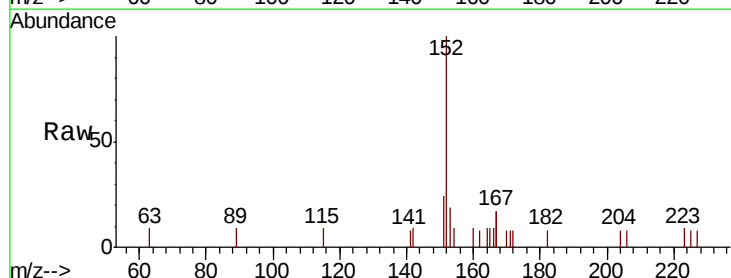
Acq: 14 Jun 2019 2:48

Tgt Ion:152 Resp: 1387

Ion Ratio Lower Upper

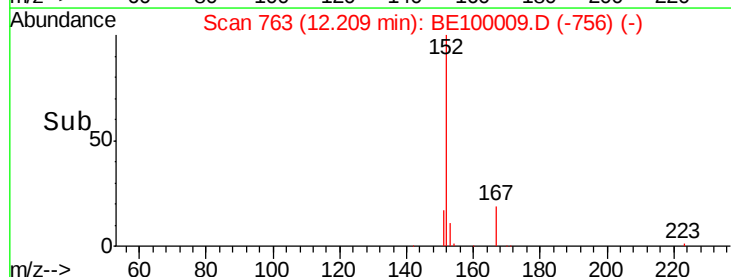
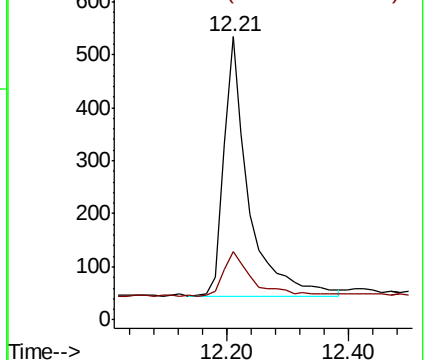
152 100

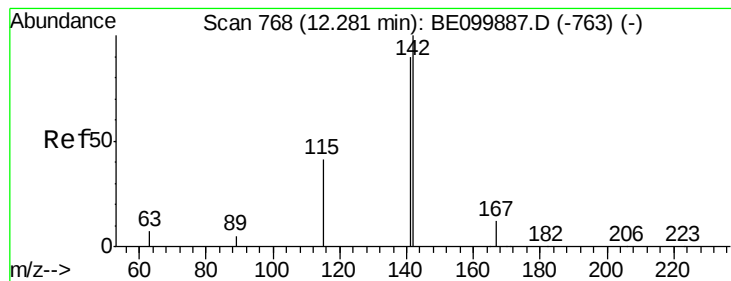
151 19.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.083 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

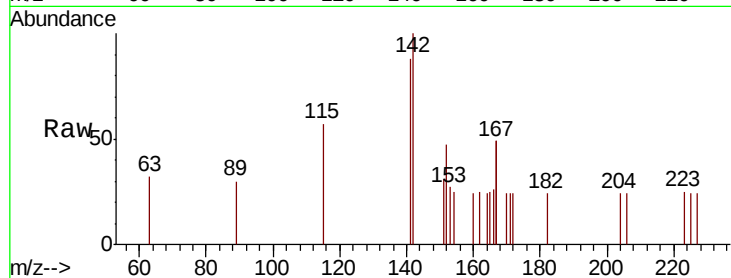
Tot Ion:142 Resp: 362

Ion Ratio Lower Upper

142 100

141 87.7 72.3 108.5

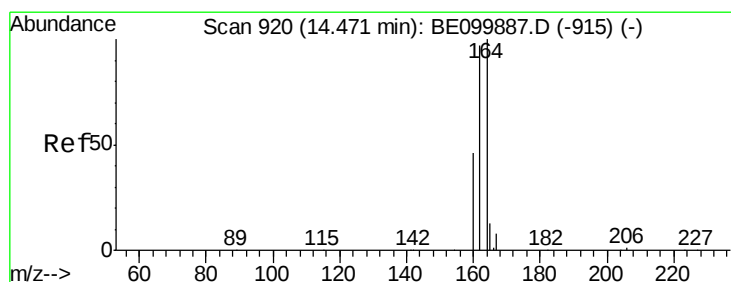
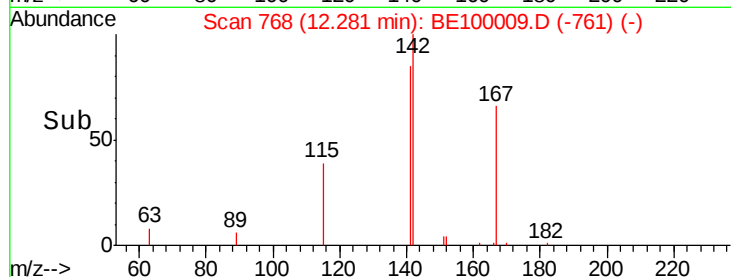
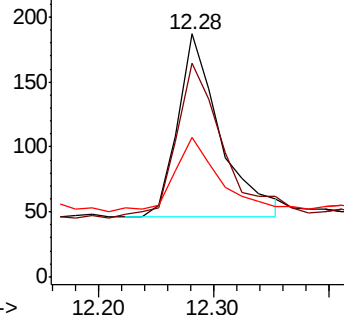
115 57.2 36.4 54.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

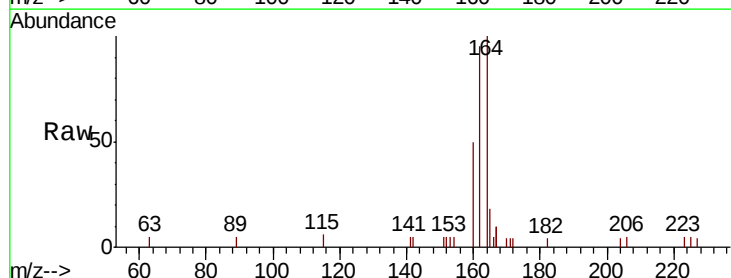
Tgt Ion:164 Resp: 2044

Ion Ratio Lower Upper

164 100

162 94.7 77.8 116.8

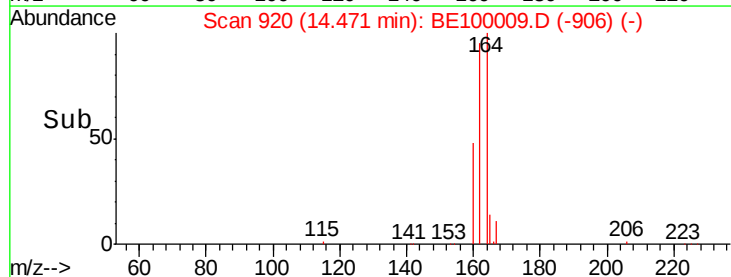
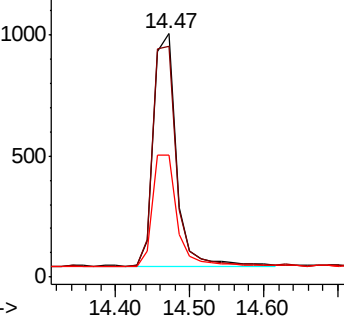
160 50.0 38.2 57.4

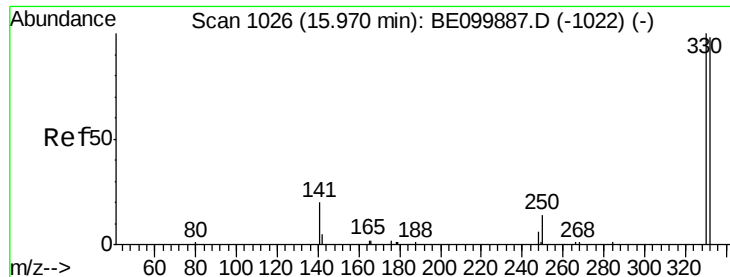


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.297 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

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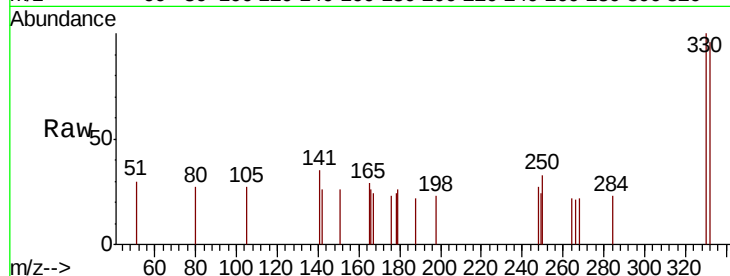
Tot Ion:330 Resp: 448

Ion Ratio Lower Upper

330 100

332 98.2 76.7 115.1

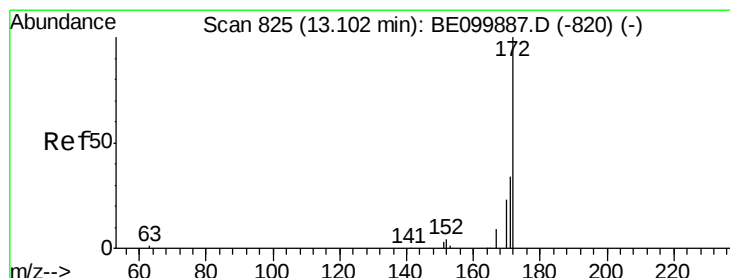
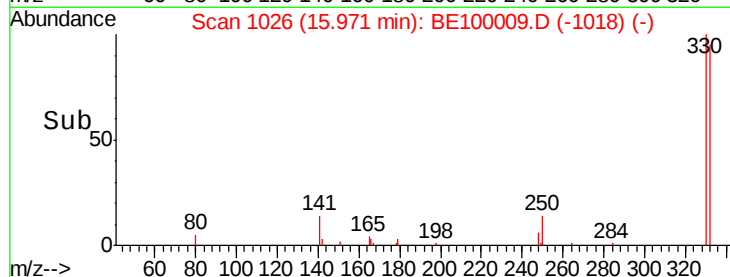
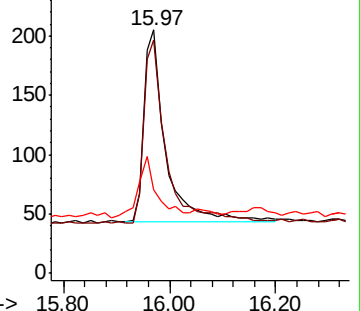
141 24.6 21.0 31.6



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: 0.390 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

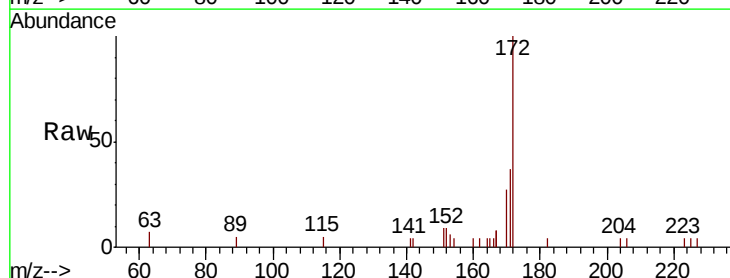
Tgt Ion:172 Resp: 3025

Ion Ratio Lower Upper

172 100

171 36.7 29.2 43.8

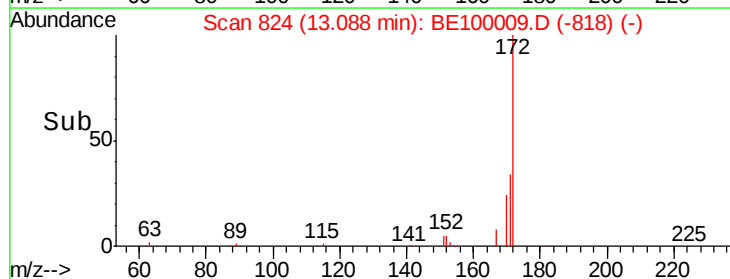
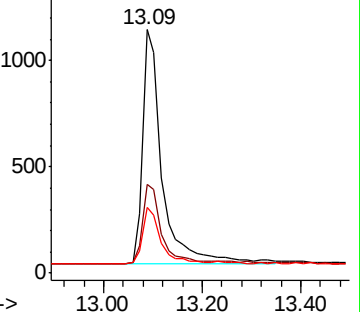
170 27.2 21.2 31.8

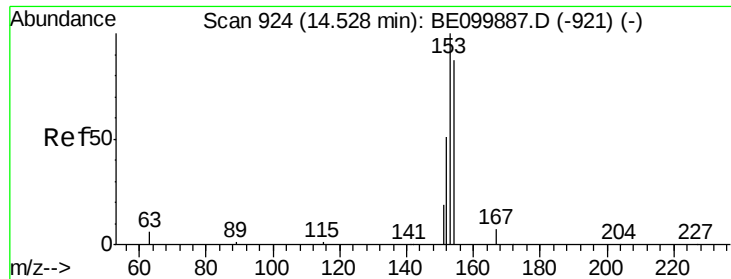


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

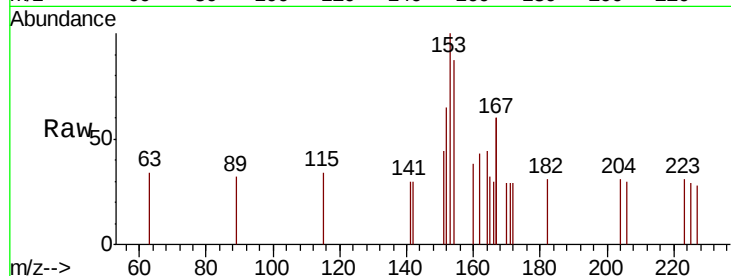




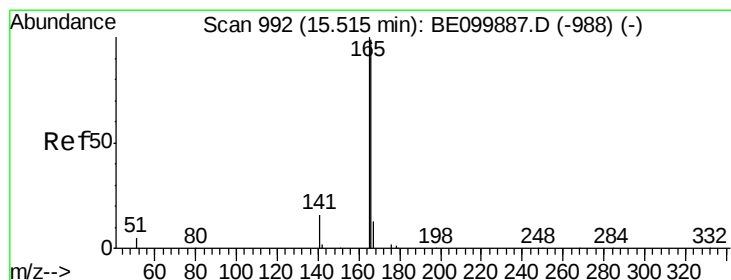
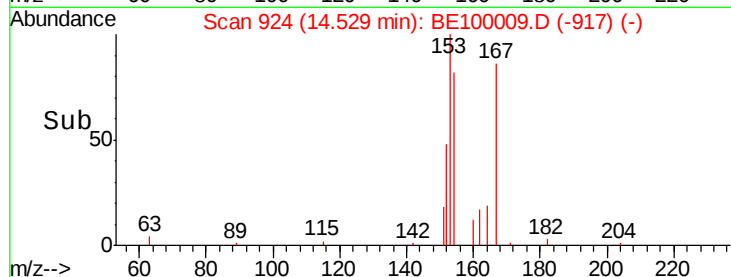
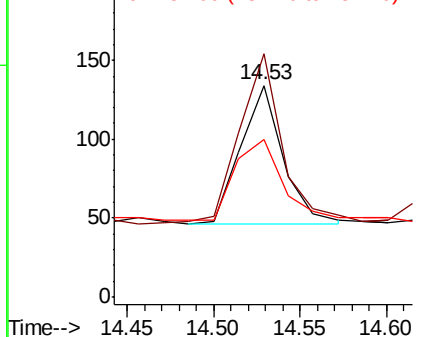
#17
Acenaphthene
Concen: 0.027 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312S-20190607

Tot Ion:154 Resp: 152
Ion Ratio Lower Upper
154 100
153 125.0 93.1 139.7
152 63.2 47.0 70.4

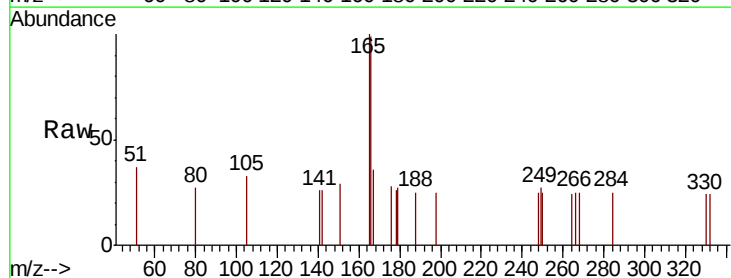


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

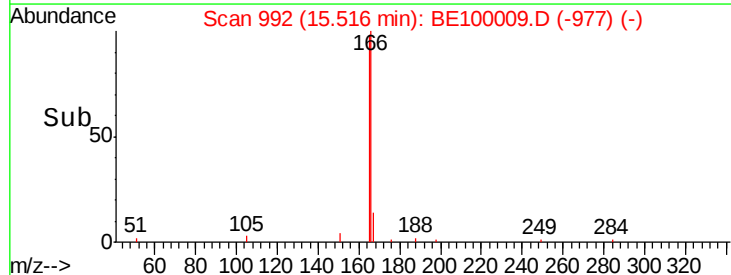
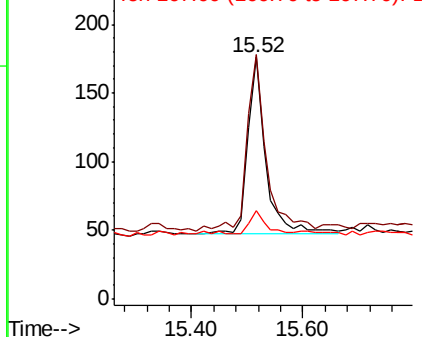


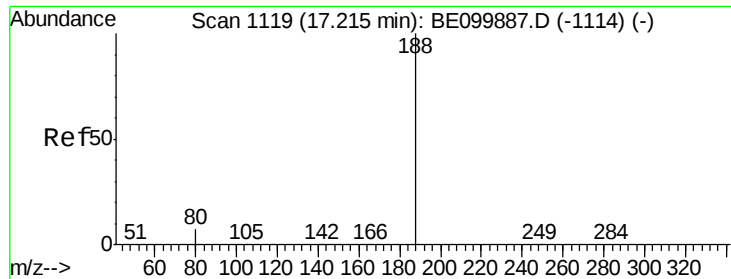
#18
Fluorene
Concen: 0.035 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

Tgt Ion:166 Resp: 290
Ion Ratio Lower Upper
166 100
165 108.6 81.8 122.8
167 11.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

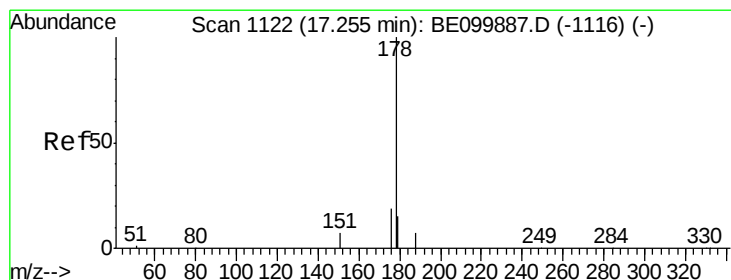
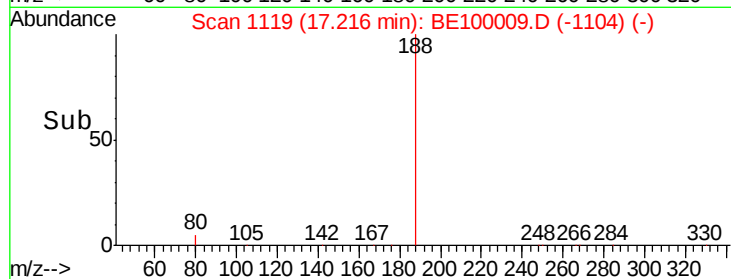
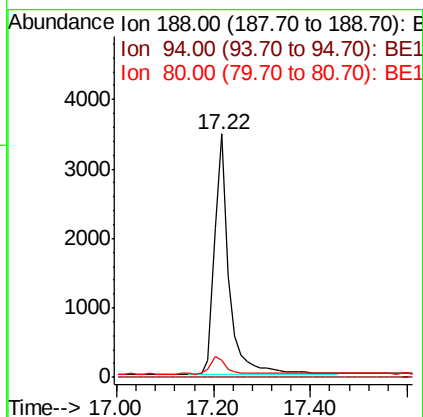
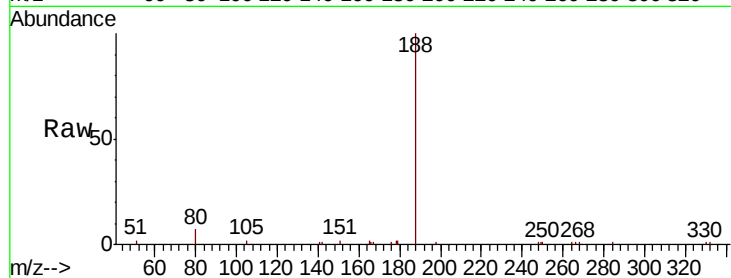




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

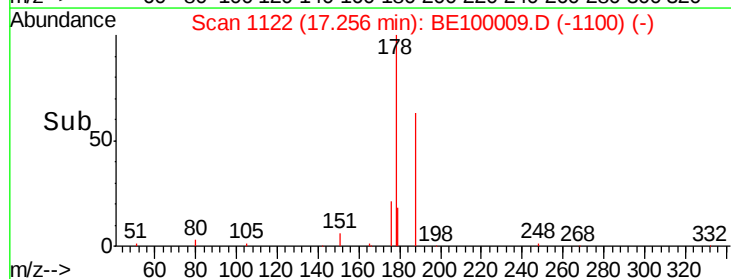
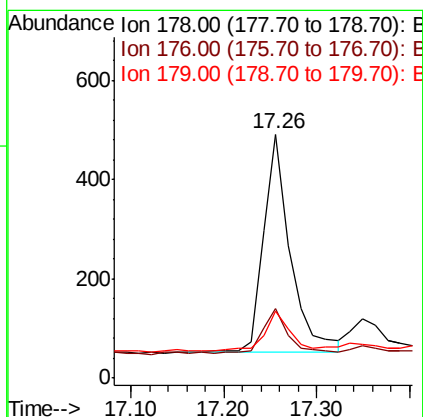
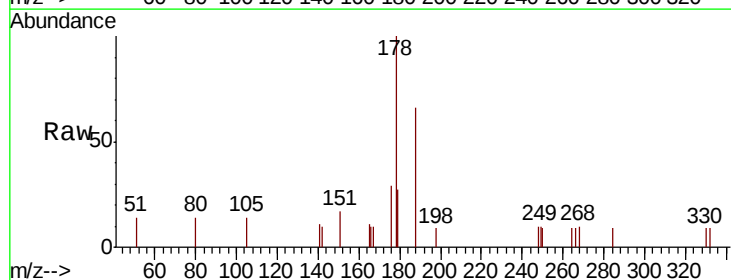
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312S-20190607

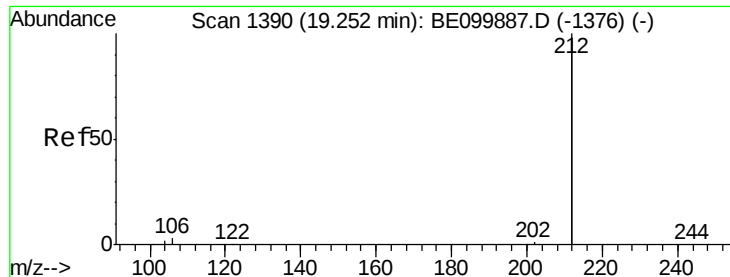
Tot Ion:188 Resp: 7105
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 6.4 9.6



#23
Phenanthrene
Concen: 0.052 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

Tgt Ion:178 Resp: 889
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.2 12.4 18.6

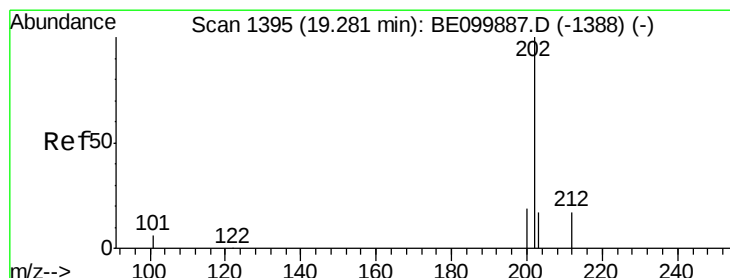
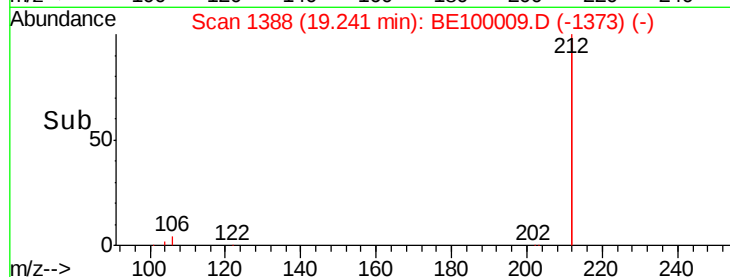
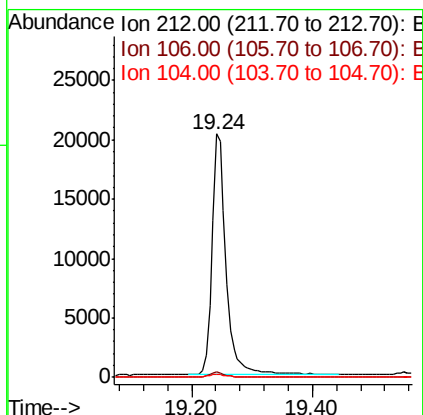
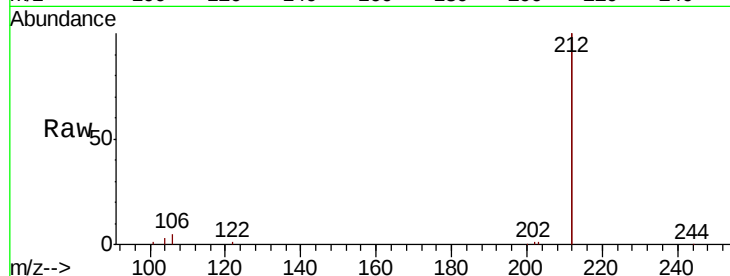




#25
 Fluoranthene-d10
 Concen: 0.321 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE100009.D
 Acq: 14 Jun 2019 2:48

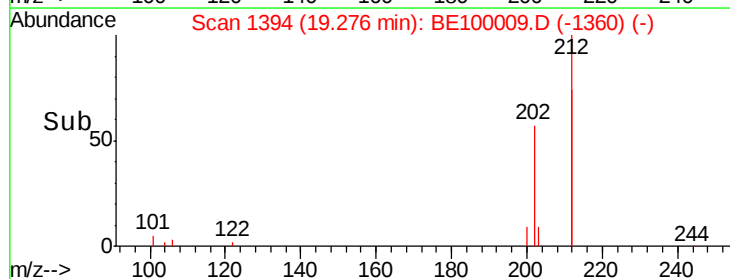
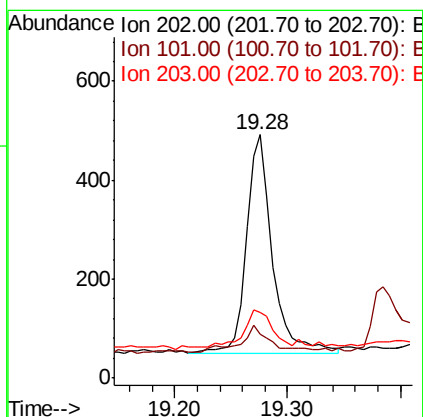
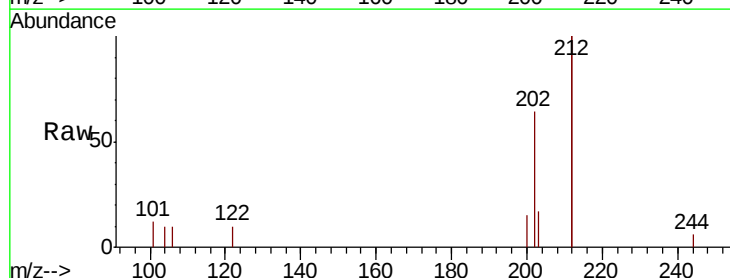
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190607

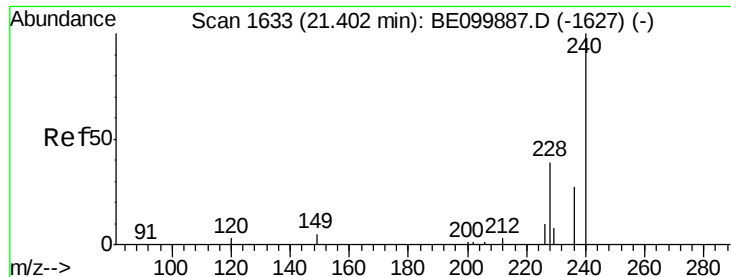
Tot Ion:212 Resp: 33185
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3



#26
 Fluoranthene
 Concen: 0.024 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BE100009.D
 Acq: 14 Jun 2019 2:48

Tgt Ion:202 Resp: 705
 Ion Ratio Lower Upper
 202 100
 101 12.8 5.4 8.0#
 203 18.6 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

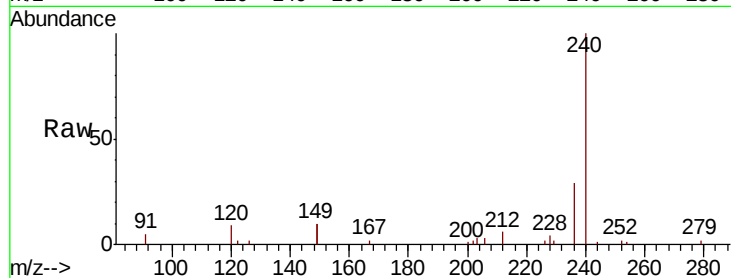
Tot Ion:240 Resp: 9732

Ion Ratio Lower Upper

240 100

120 9.0 3.8 5.6#

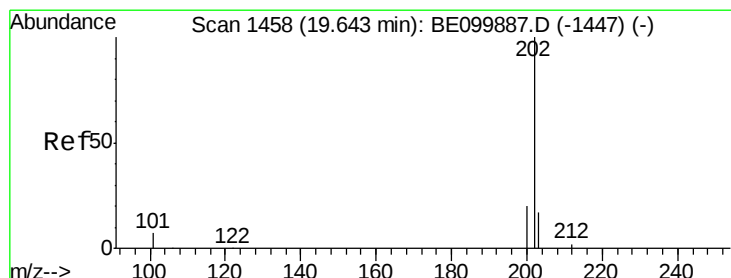
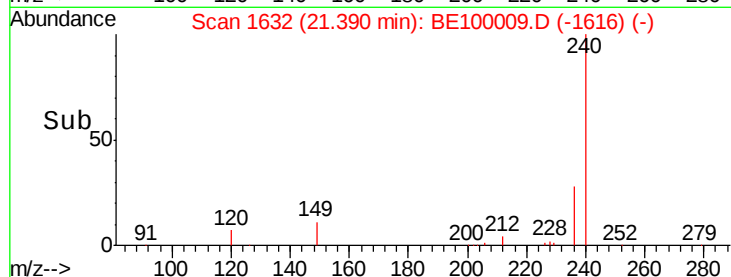
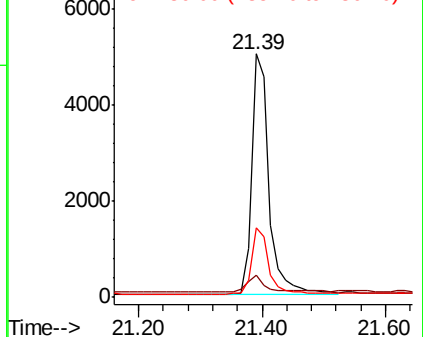
236 28.6 22.0 33.0



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



#28

Pyrene

Concen: 0.022 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

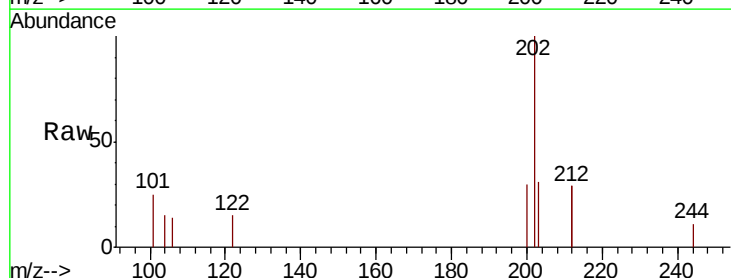
Tgt Ion:202 Resp: 573

Ion Ratio Lower Upper

202 100

200 22.7 15.5 23.3

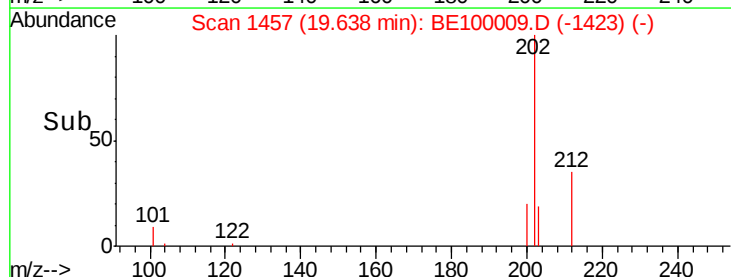
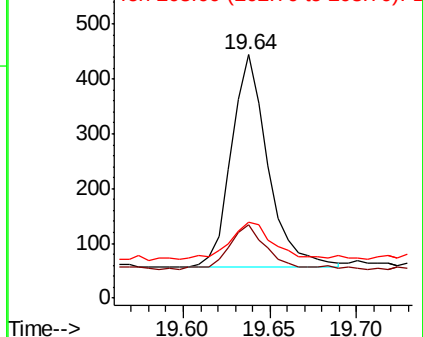
203 19.5 14.0 21.0

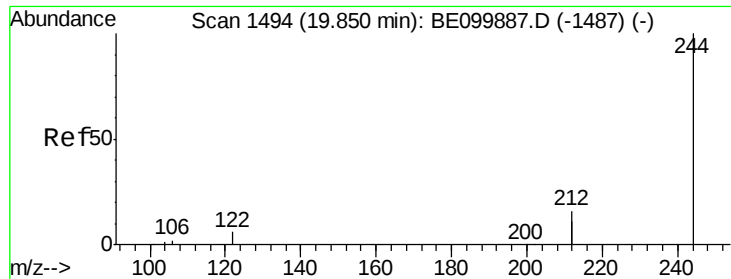


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.587 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

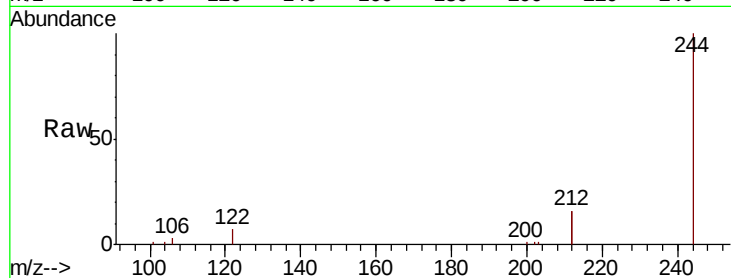
Tot Ion:244 Resp: 10283

Ion Ratio Lower Upper

244 100

212 31.5 25.7 38.5

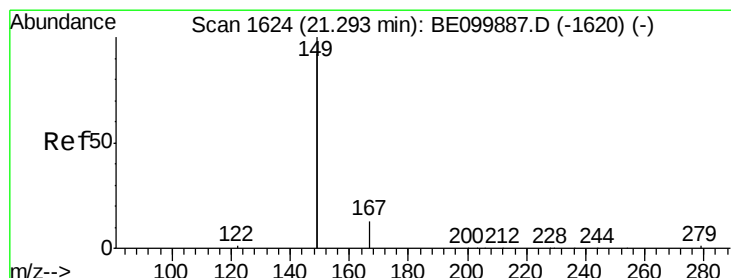
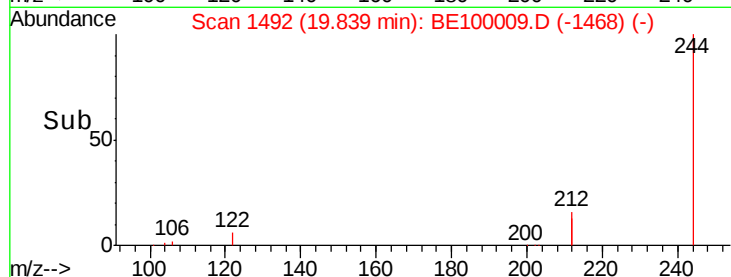
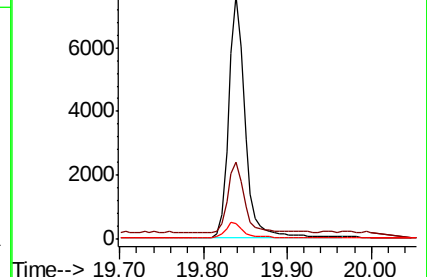
122 6.6 5.5 8.3



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.295 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

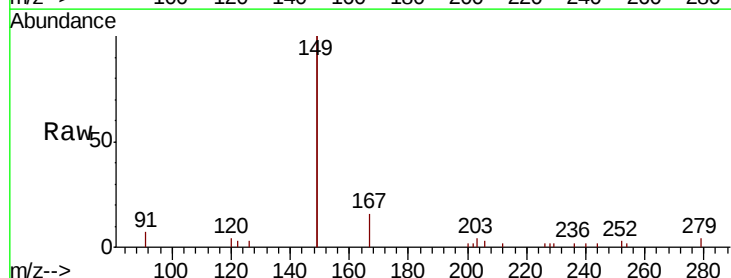
Tgt Ion:149 Resp: 12307

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

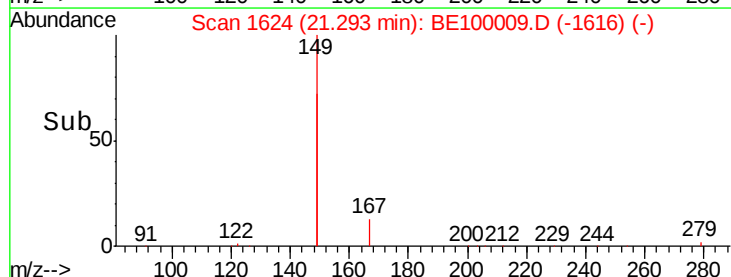
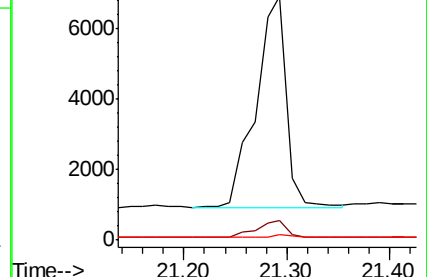
279 1.2 1.2 1.8#

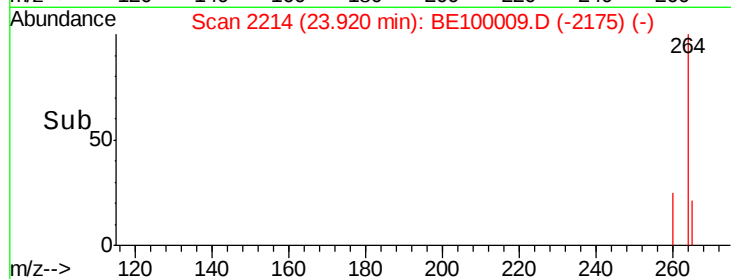
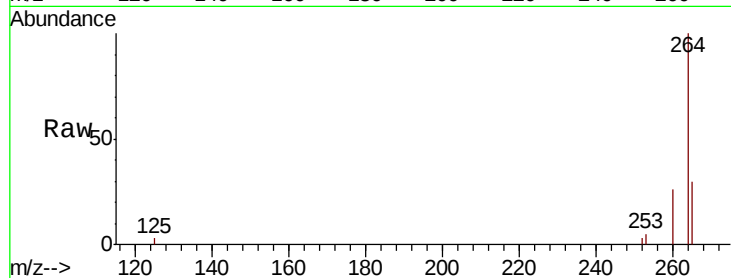
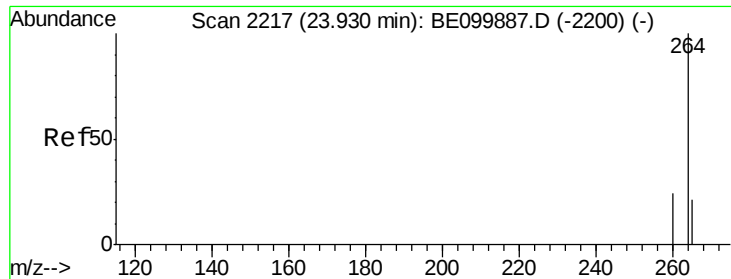


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BE100009.D
 Acq: 14 Jun 2019 2:48

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190607

Tot Ion:264 Resp: 11282
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.2 30.2
 265 29.9 22.0 33.0

