

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 04:43:36 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

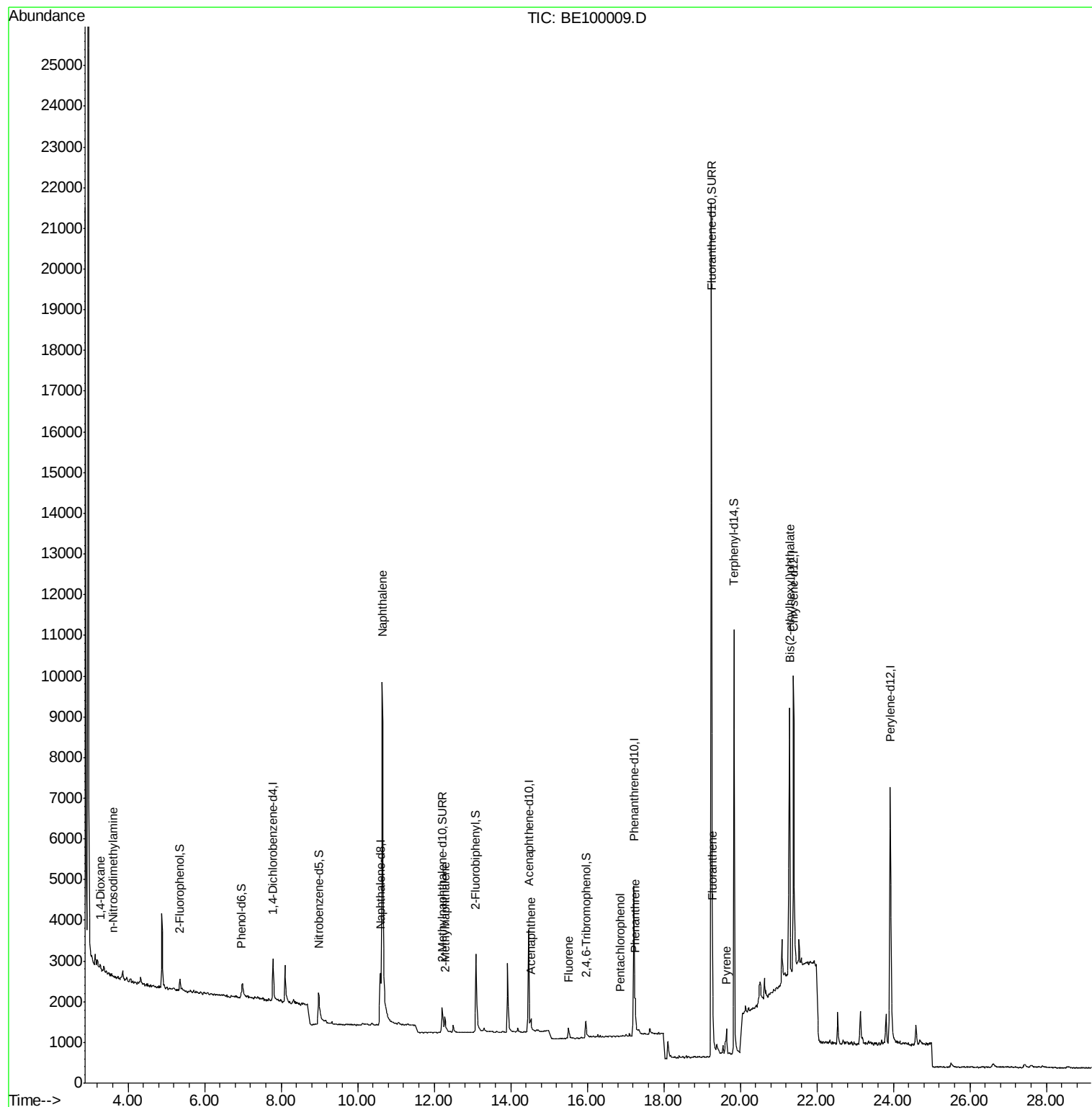
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	57	0.054	ng	# 8
3) n-Nitrosodimethylamine	3.61	42	16	0.026	ng	# 100
9) Naphthalene	10.64	128	20600	0.768	ng	98
12) 2-Methylnaphthalene	12.28	142	362	0.083	ng	# 92
17) Acenaphthene	14.53	154	152	0.027	ng	93
18) Fluorene	15.52	166	290	0.035	ng	94
22) Pentachlorophenol	16.87	266	11	0.305	ng	# 82
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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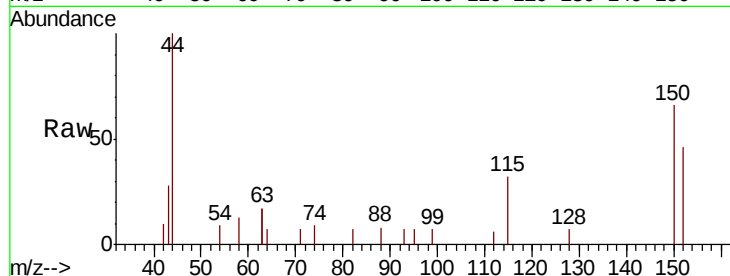


#1

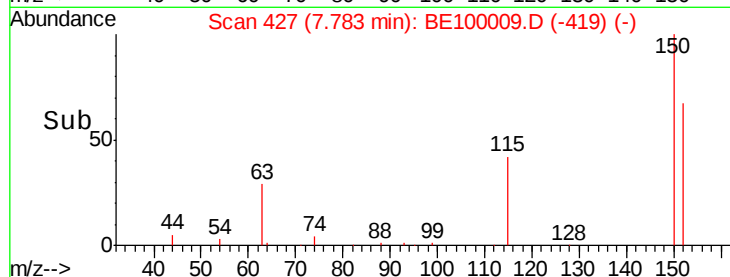
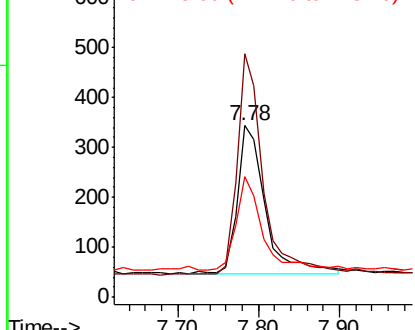
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

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

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



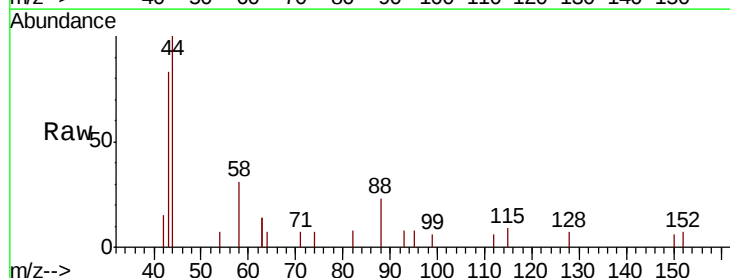
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



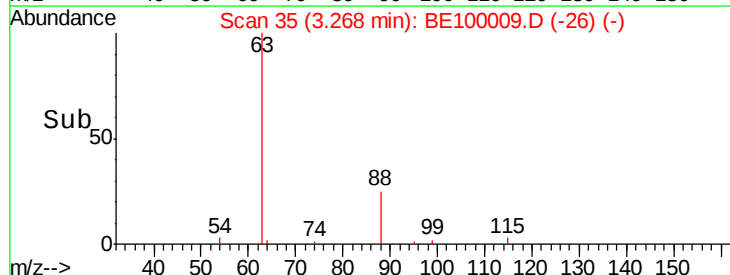
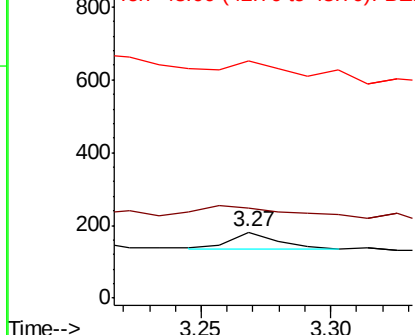
#2

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





#3

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE100009.D

Acq: 14 Jun 2019 2:48

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

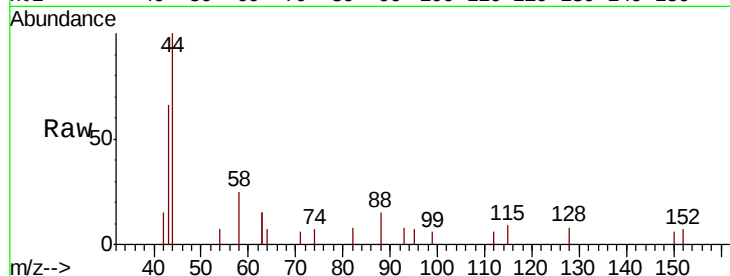
Tgt Ion: 42 Resp: 16

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

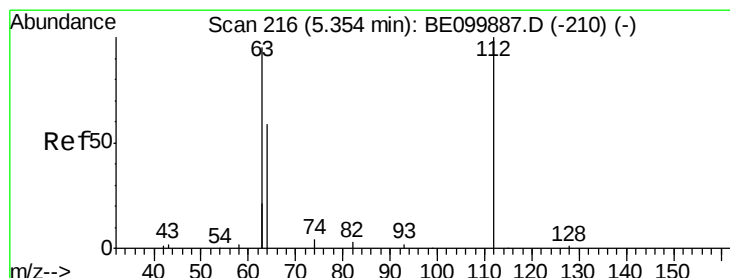
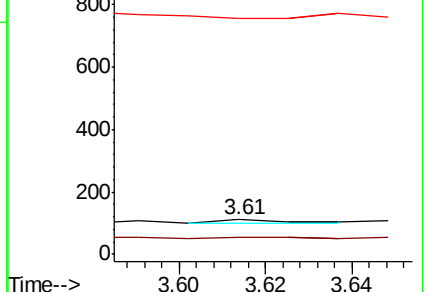
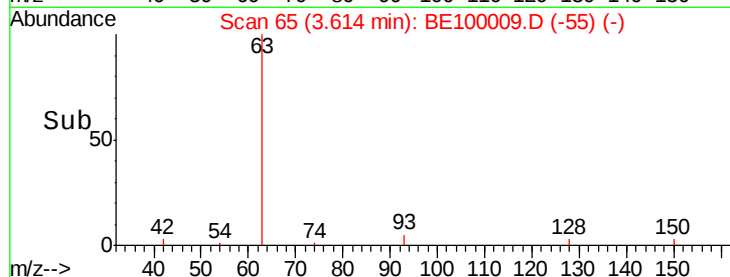
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): 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

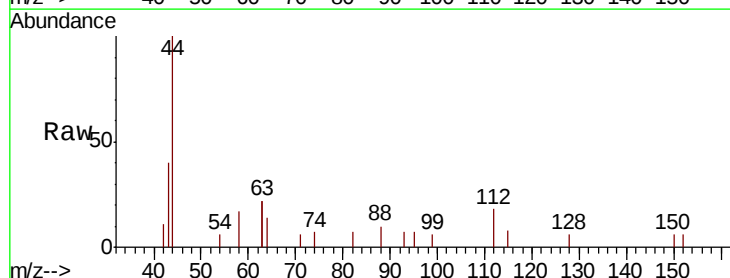
Tgt Ion: 112 Resp: 258

Ion Ratio Lower Upper

112 100

64 52.7 44.1 66.1

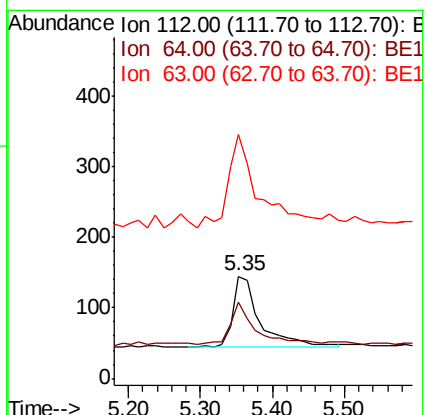
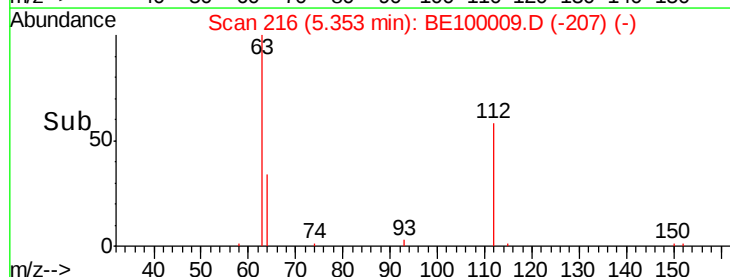
63 154.3 87.8 131.6#



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

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

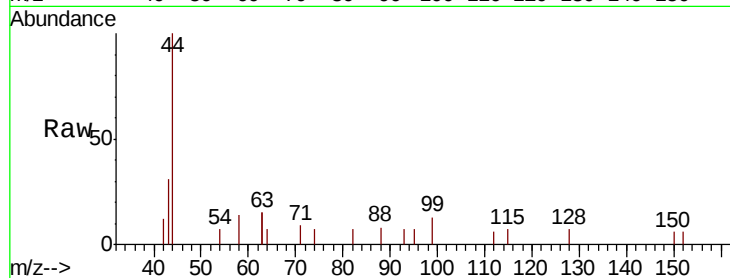
Tgt Ion: 99 Resp: 205

Ion Ratio Lower Upper

99 100

42 22.9 15.9 23.9

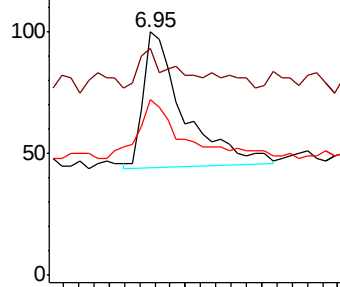
71 49.3 34.6 52.0



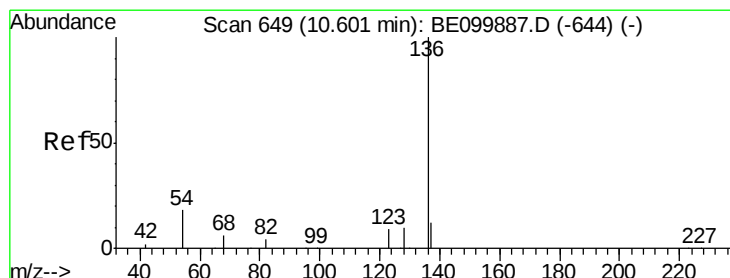
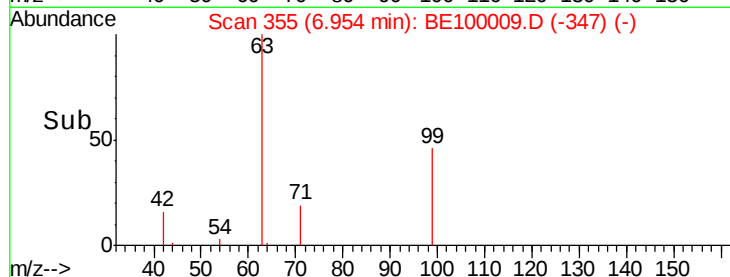
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#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

Tgt Ion: 136 Resp: 2484

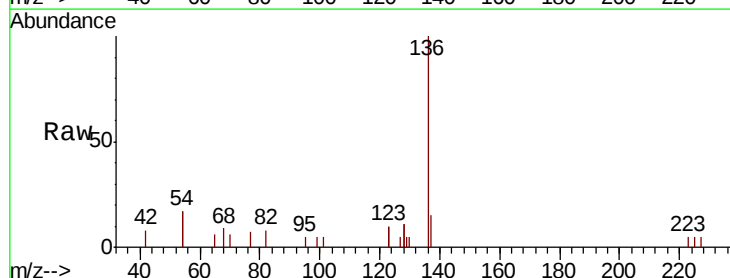
Ion Ratio Lower Upper

136 100

137 14.8 12.3 18.5

54 34.1 28.2 42.4

68 9.1 7.8 11.8

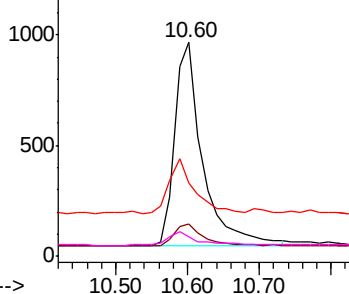


Abundance Ion 136.00 (135.70 to 136.70): E

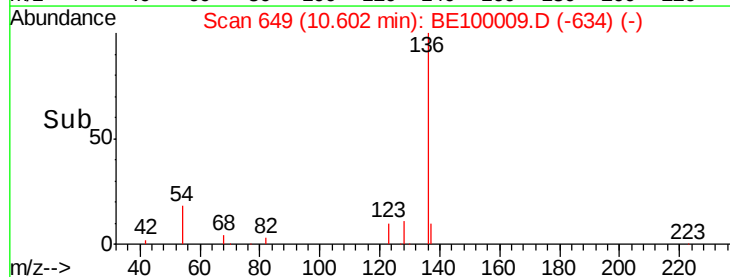
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



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

Instrument :

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BPS1-TT-MW312S-20190607

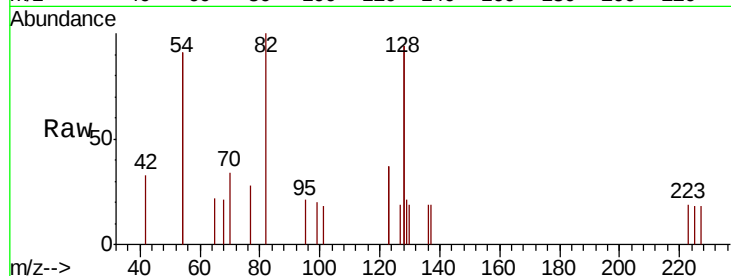
Tgt Ion: 82 Resp: 754

Ion Ratio Lower Upper

82 100

128 187.1 137.3 205.9

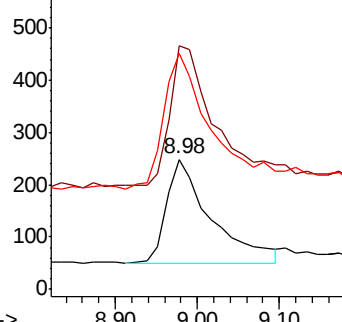
54 181.5 129.7 194.5



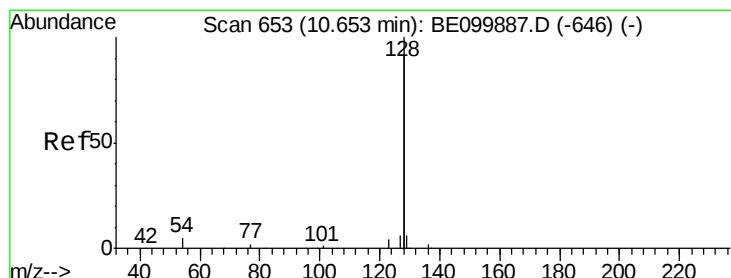
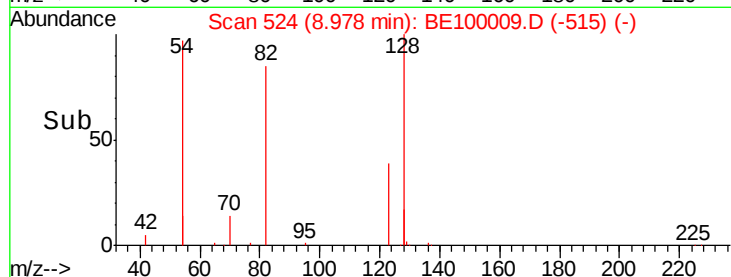
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



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

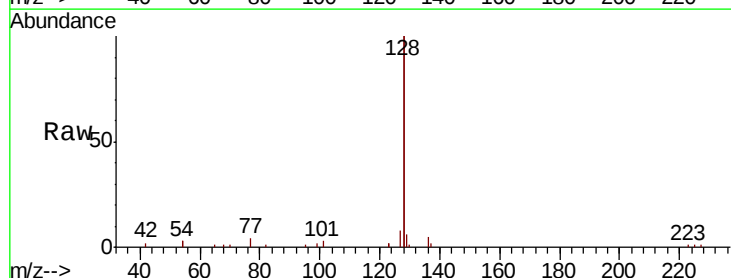
Tgt Ion: 128 Resp: 20600

Ion Ratio Lower Upper

128 100

129 3.1 3.0 4.6

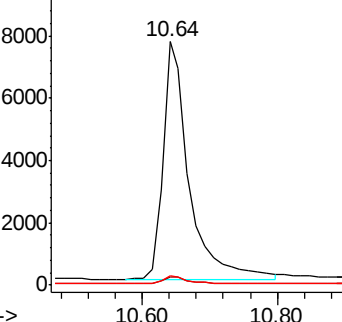
127 3.9 3.4 5.0



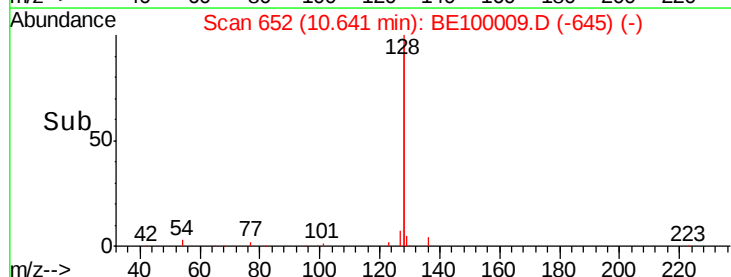
Abundance Ion 128.00 (127.70 to 128.70): E

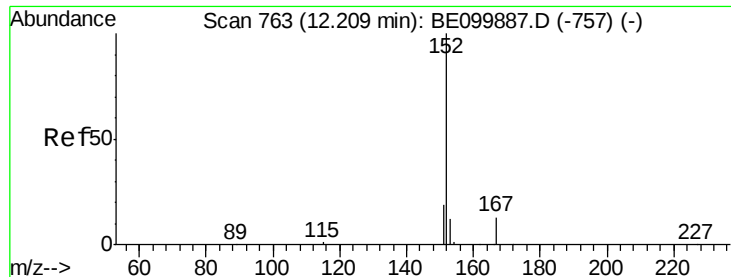
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

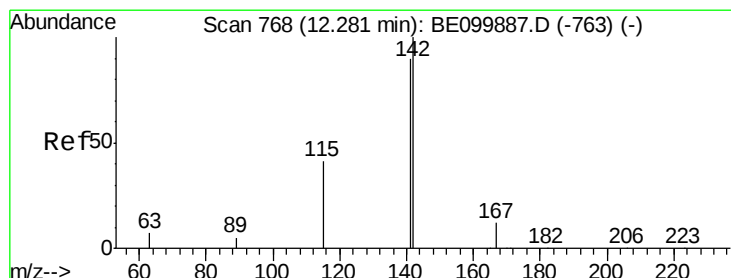
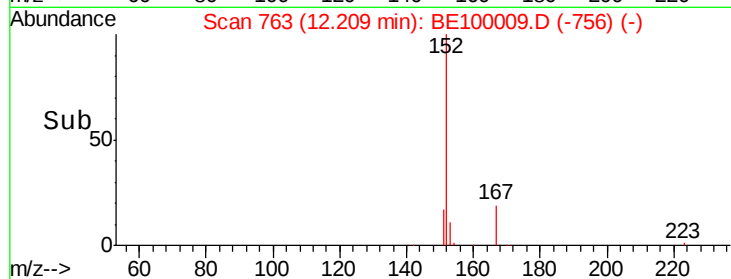
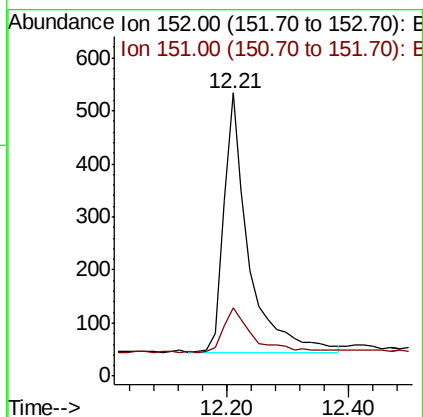
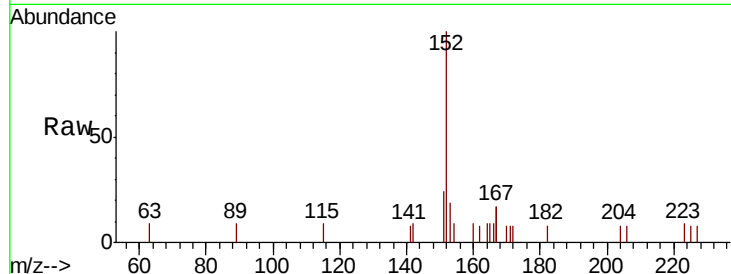




#11
 2-Methylnaphthalene-d10
 Concen: 0.320 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100009.D
 Acq: 14 Jun 2019 2:48

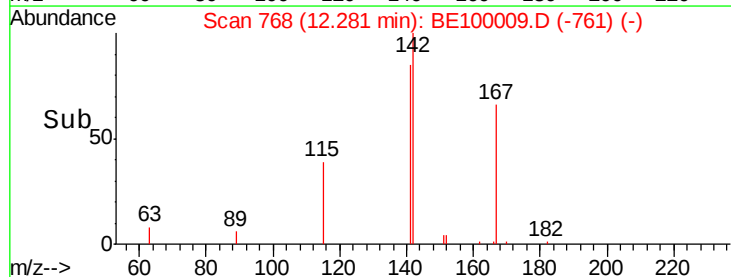
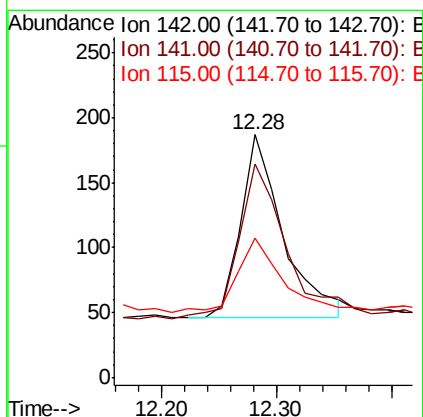
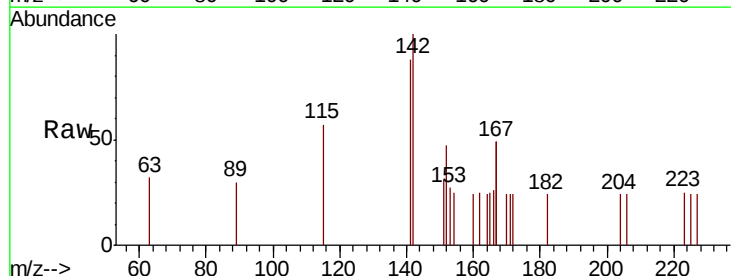
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190607

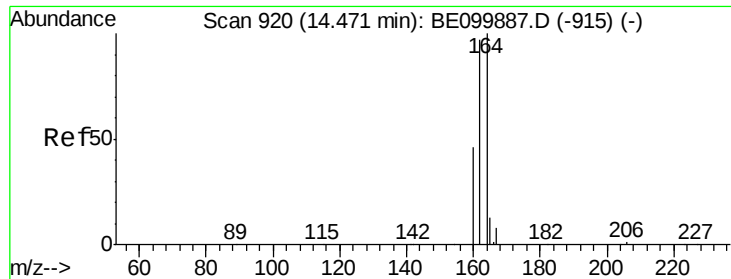
Tgt Ion:152 Resp: 1387
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.2 22.8



#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

Tgt Ion:142 Resp: 362
 Ion Ratio Lower Upper
 142 100
 141 87.7 72.3 108.5
 115 57.2 36.4 54.6#

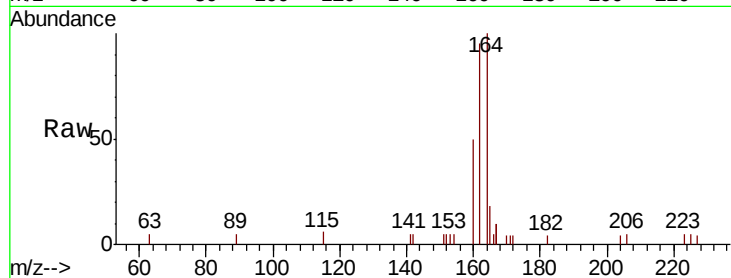




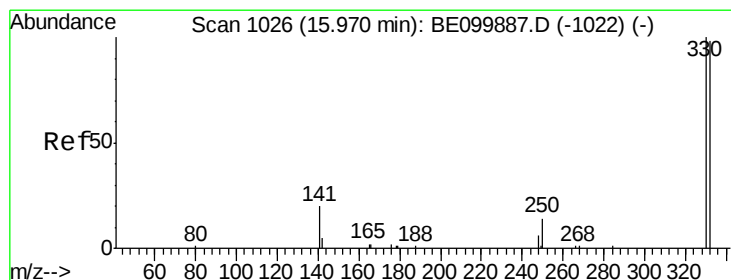
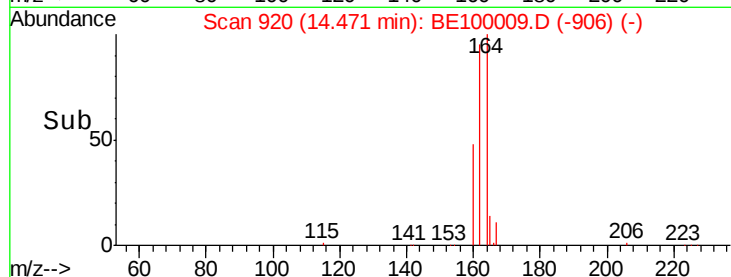
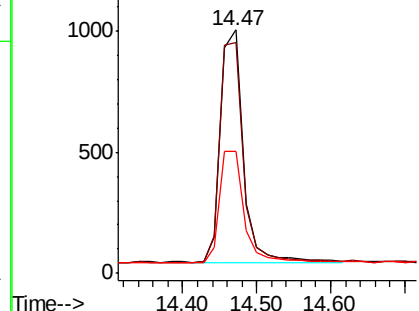
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

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

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

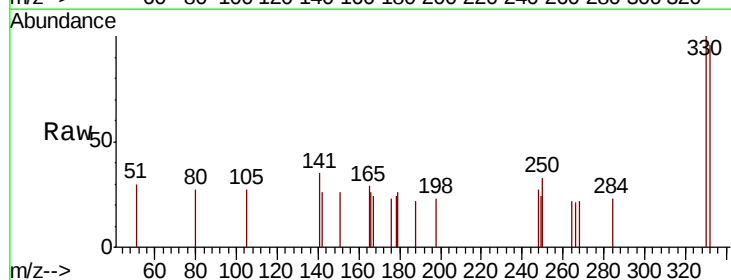


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

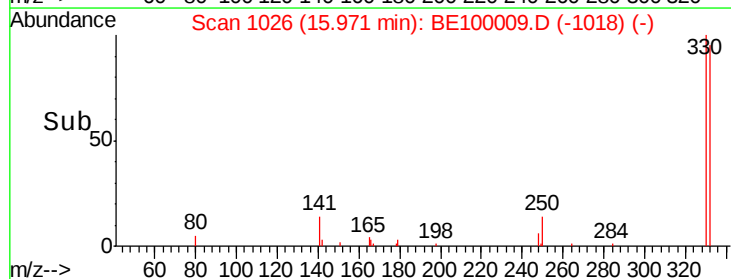
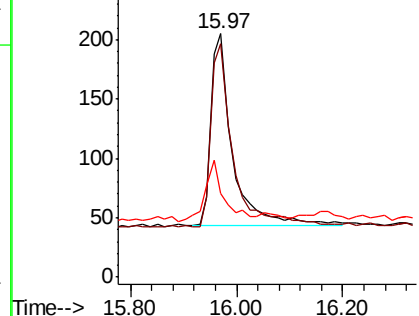


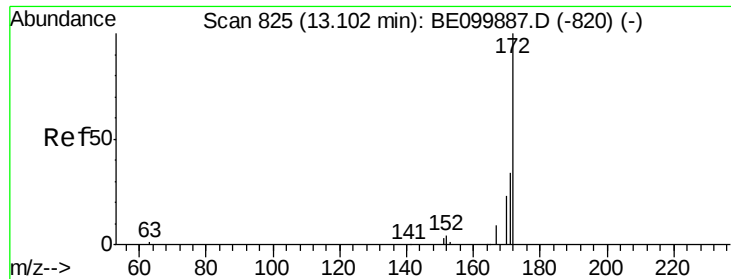
#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

Tgt 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

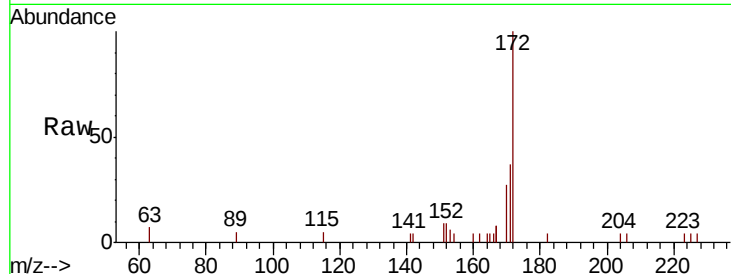




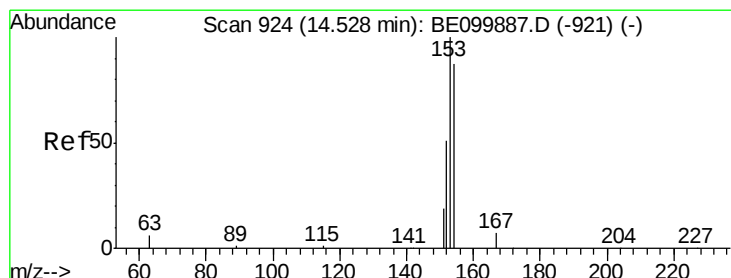
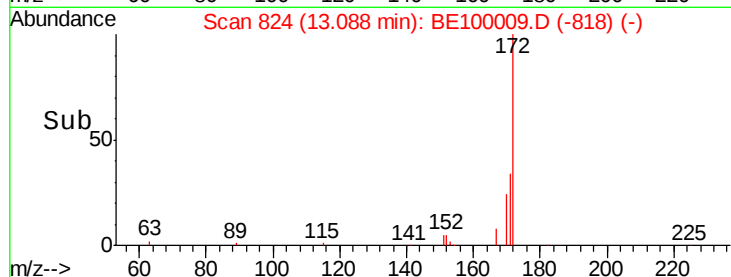
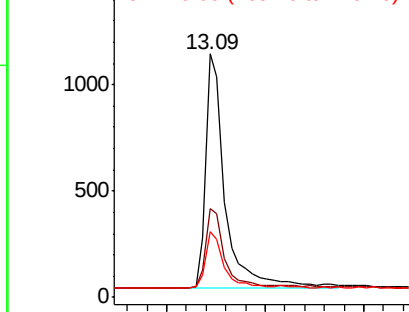
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

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

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

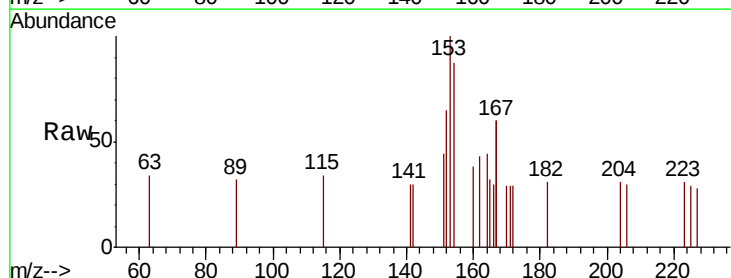


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

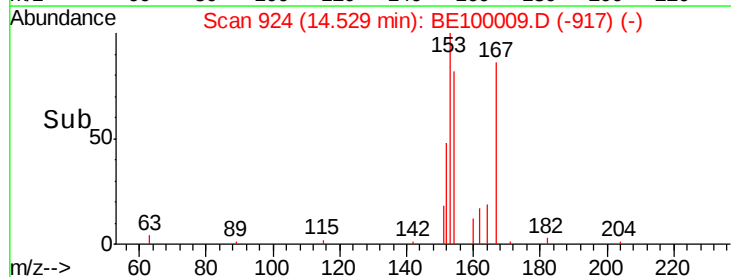
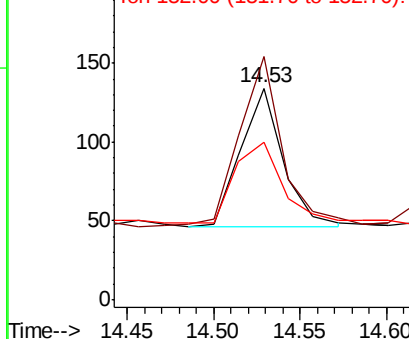


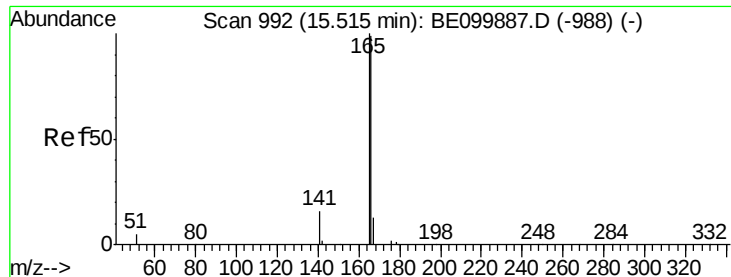
#17
Acenaphthene
Concen: 0.027 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100009.D
Acq: 14 Jun 2019 2:48

Tgt 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

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190607

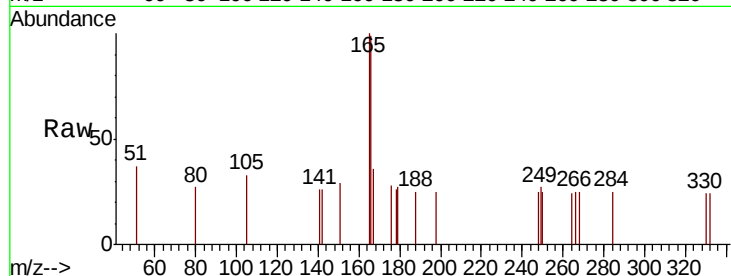
Tgt Ion:166 Resp: 290

Ion Ratio Lower Upper

166 100

165 108.6 81.8 122.8

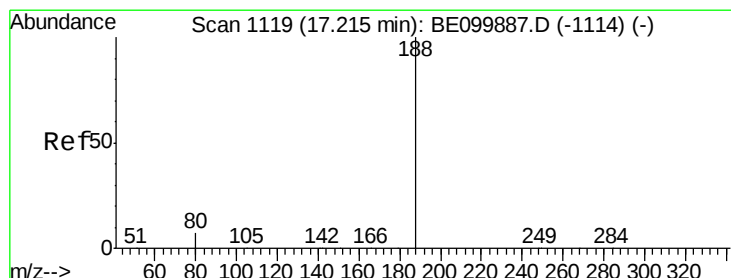
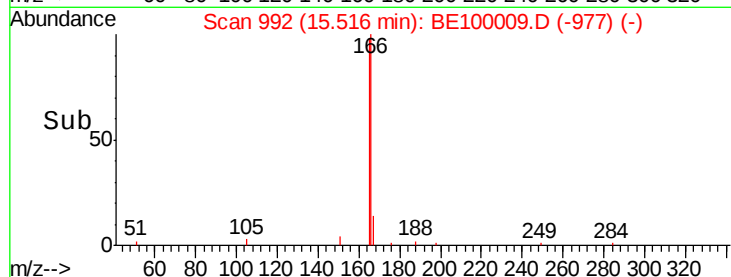
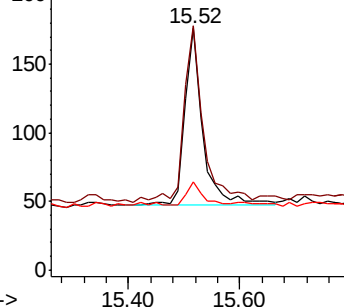
167 11.7 11.2 16.8



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

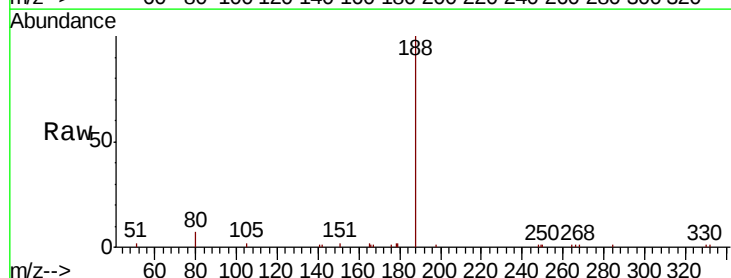
Tgt Ion:188 Resp: 7105

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

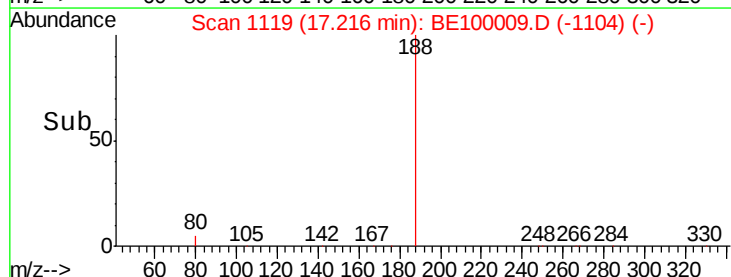
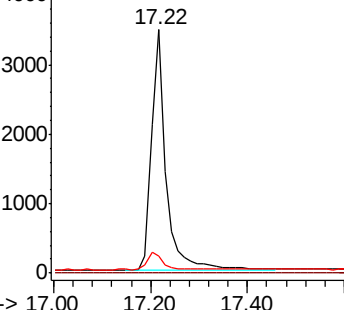
80 6.9 6.4 9.6

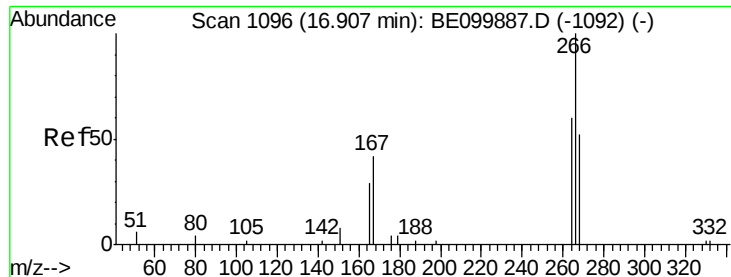


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

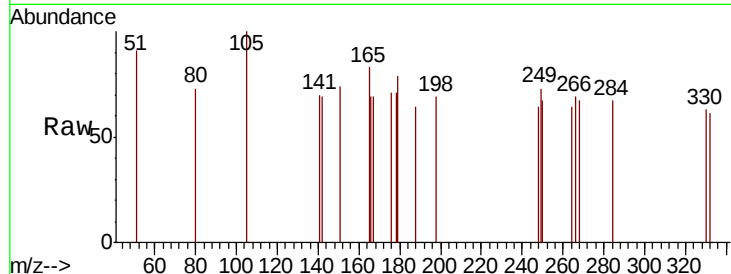




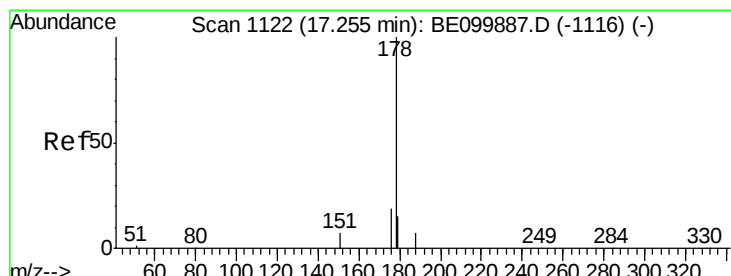
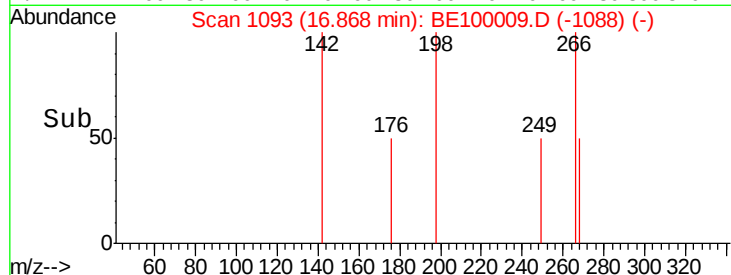
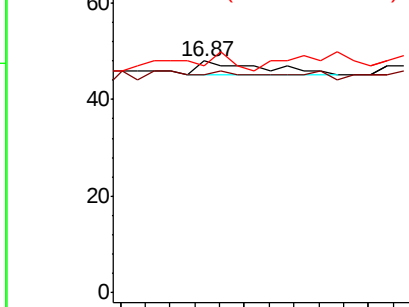
#22
 Pentachlorophenol
 Concen: 0.305 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BE100009.D
 Acq: 14 Jun 2019 2:48

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

Tgt Ion:	266	Resp:	11
Ion	Ratio	Lower	Upper
266	100		
264	93.8	62.2	93.2#
268	97.9	65.5	98.3

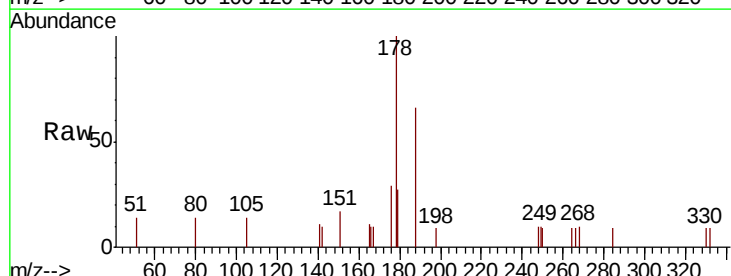


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

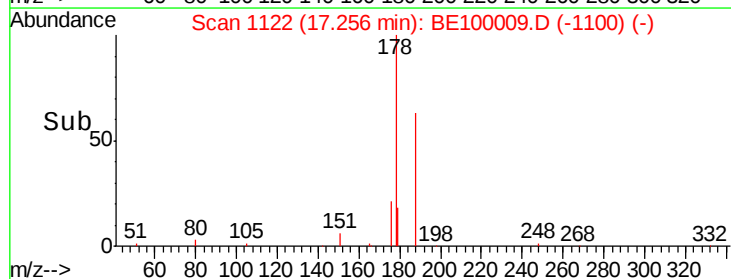
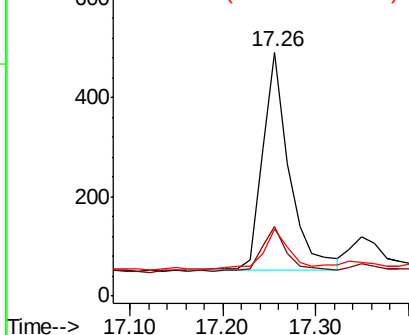


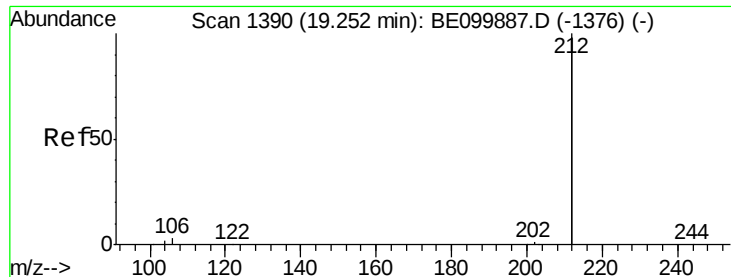
#23
 Phenanthrene
 Concen: 0.052 ng
 RT: 17.26 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BE100009.D
 Acq: 14 Jun 2019 2:48

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



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#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

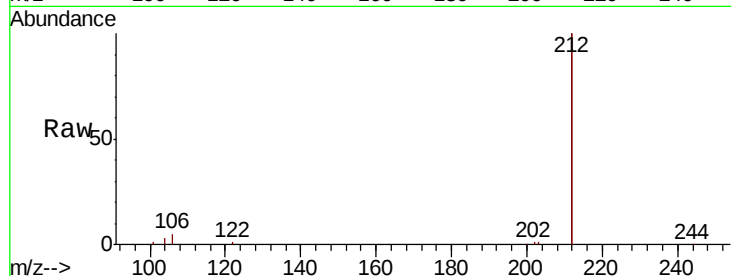
Tgt Ion: 212 Resp: 33185

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

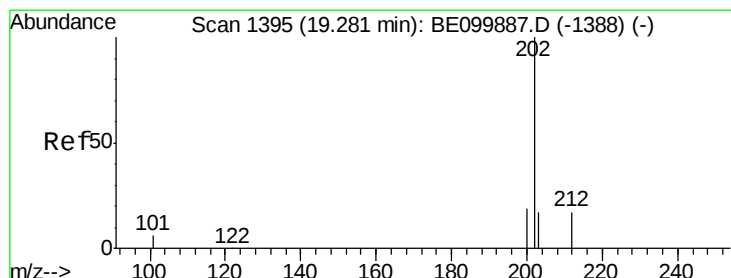
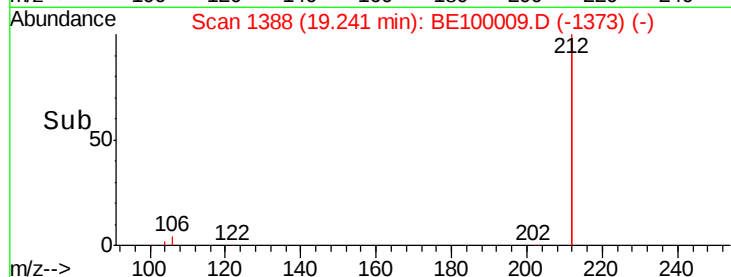
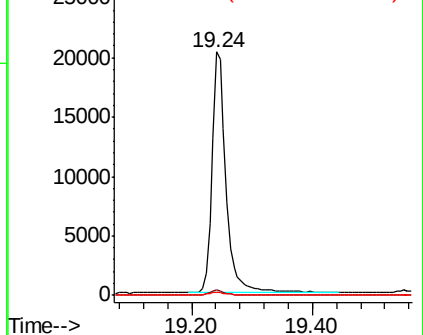
104 1.1 0.9 1.3



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



#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

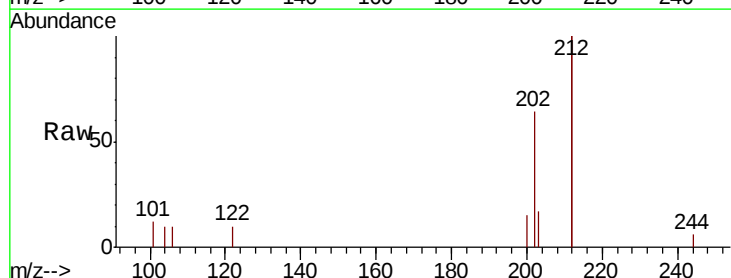
Tgt Ion: 202 Resp: 705

Ion Ratio Lower Upper

202 100

101 12.8 5.4 8.0#

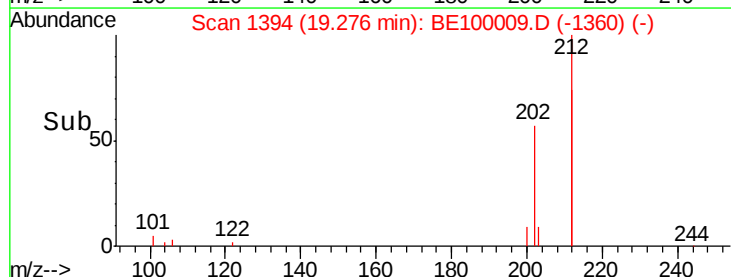
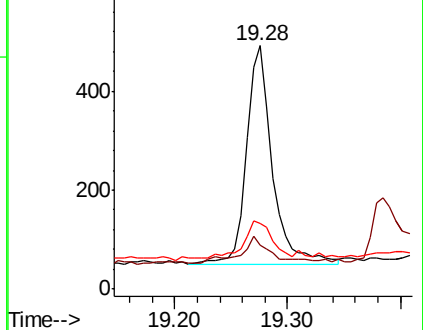
203 18.6 13.2 19.8

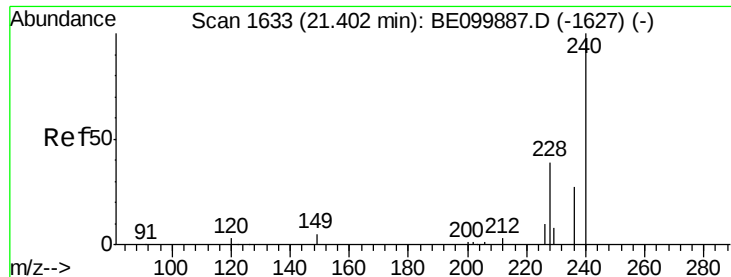


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#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

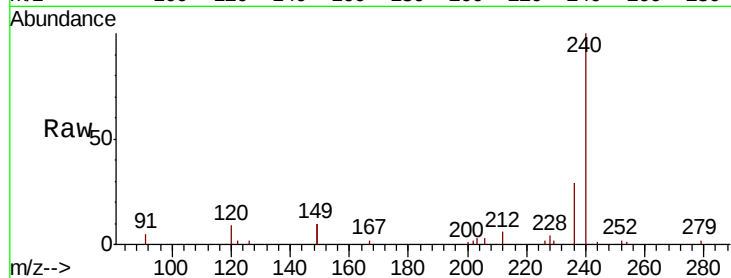
Tgt Ion:240 Resp: 9732

Ion Ratio Lower Upper

240 100

120 9.0 3.8 5.6#

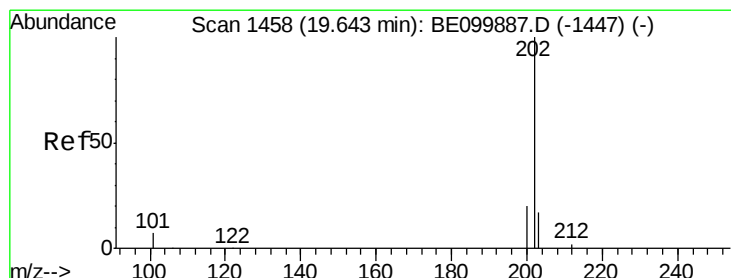
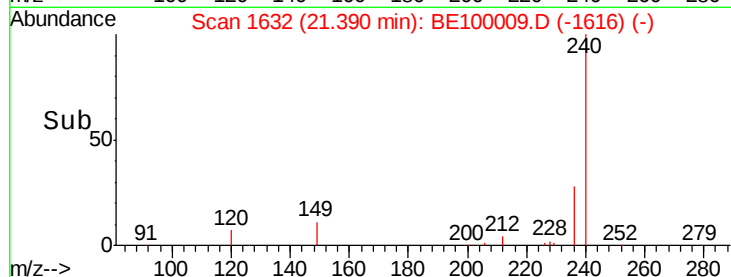
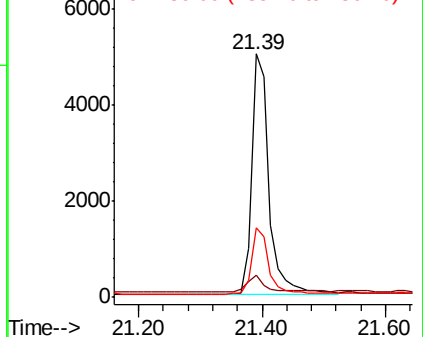
236 28.6 22.0 33.0



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

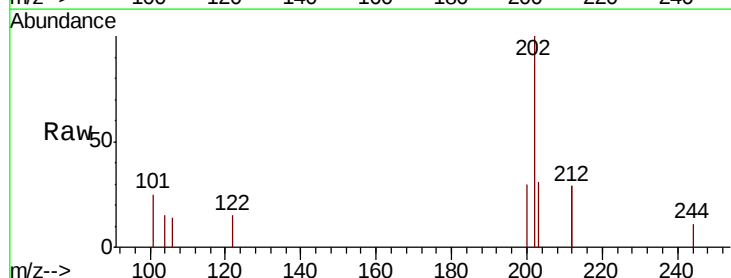
Tgt Ion:202 Resp: 573

Ion Ratio Lower Upper

202 100

200 22.7 15.5 23.3

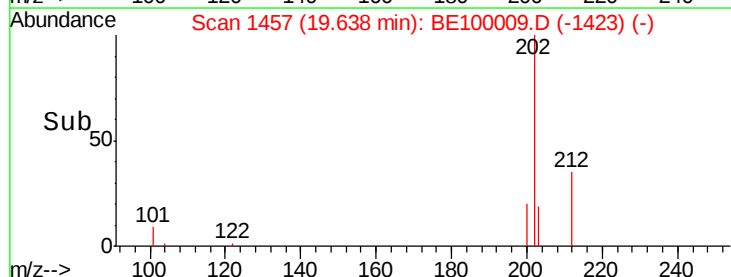
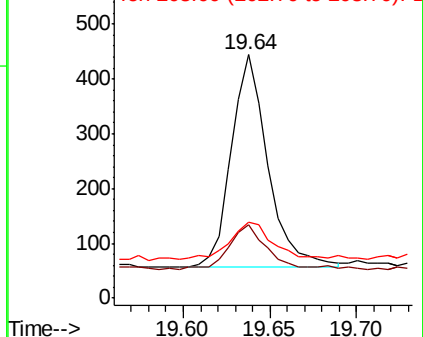
203 19.5 14.0 21.0

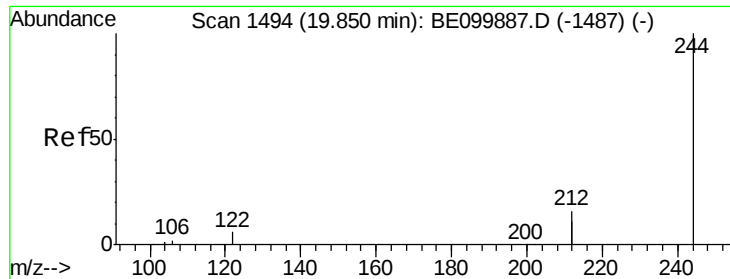


Abundance Ion 202.00 (201.70 to 202.70): E

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

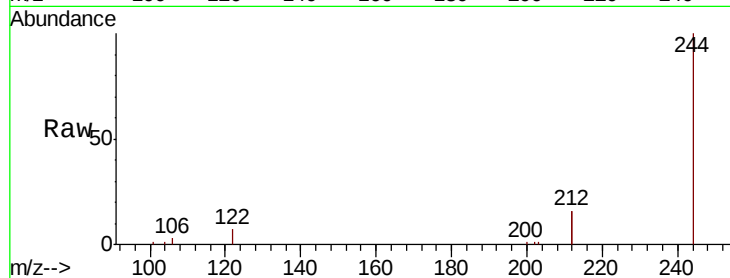
Tgt Ion:244 Resp: 10283

Ion Ratio Lower Upper

244 100

212 31.5 25.7 38.5

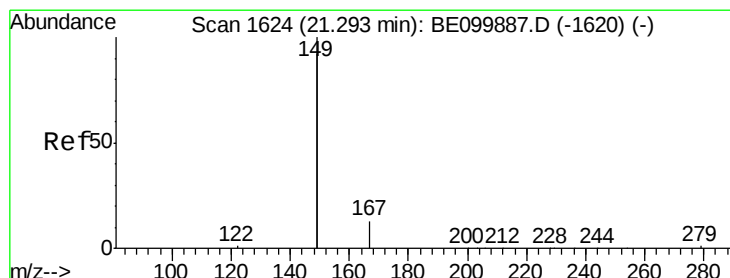
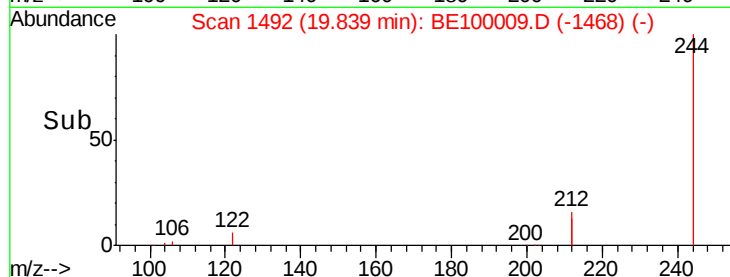
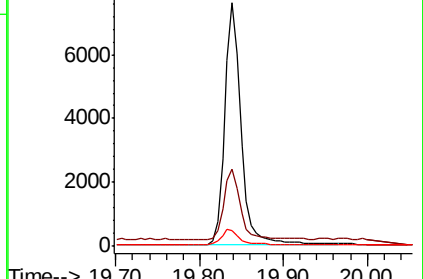
122 6.6 5.5 8.3



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

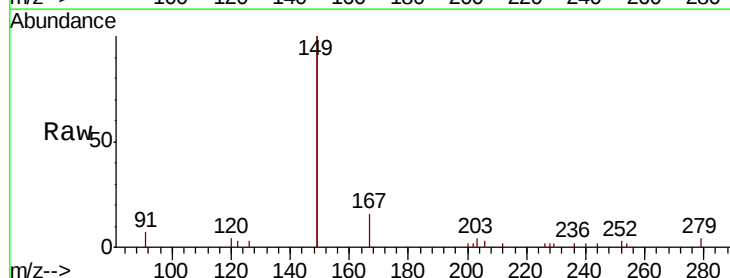
Tgt Ion:149 Resp: 12307

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

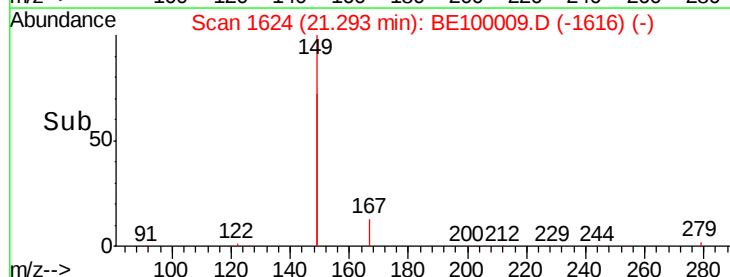
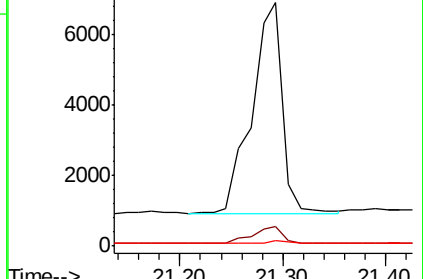
279 1.2 1.2 1.8#

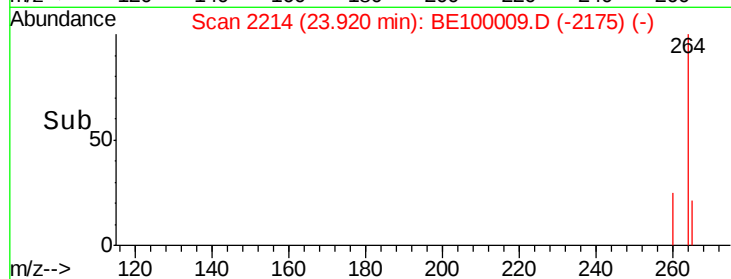
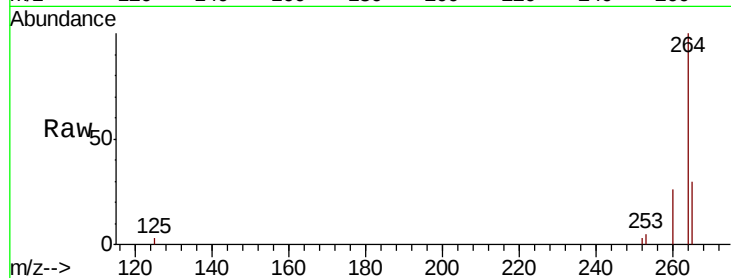
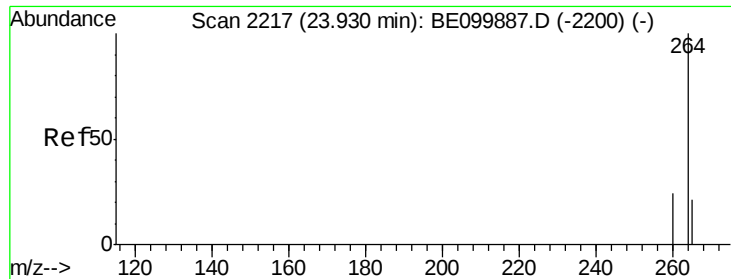


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-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

Tgt Ion:264 Resp: 11282

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 29.9 22.0 33.0

