

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE099995.D
 Acq On : 13 Jun 2019 18:23
 Operator : JU/SJ
 Sample : K3279-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312I-20190607

Quant Time: Jun 14 04:18:04 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

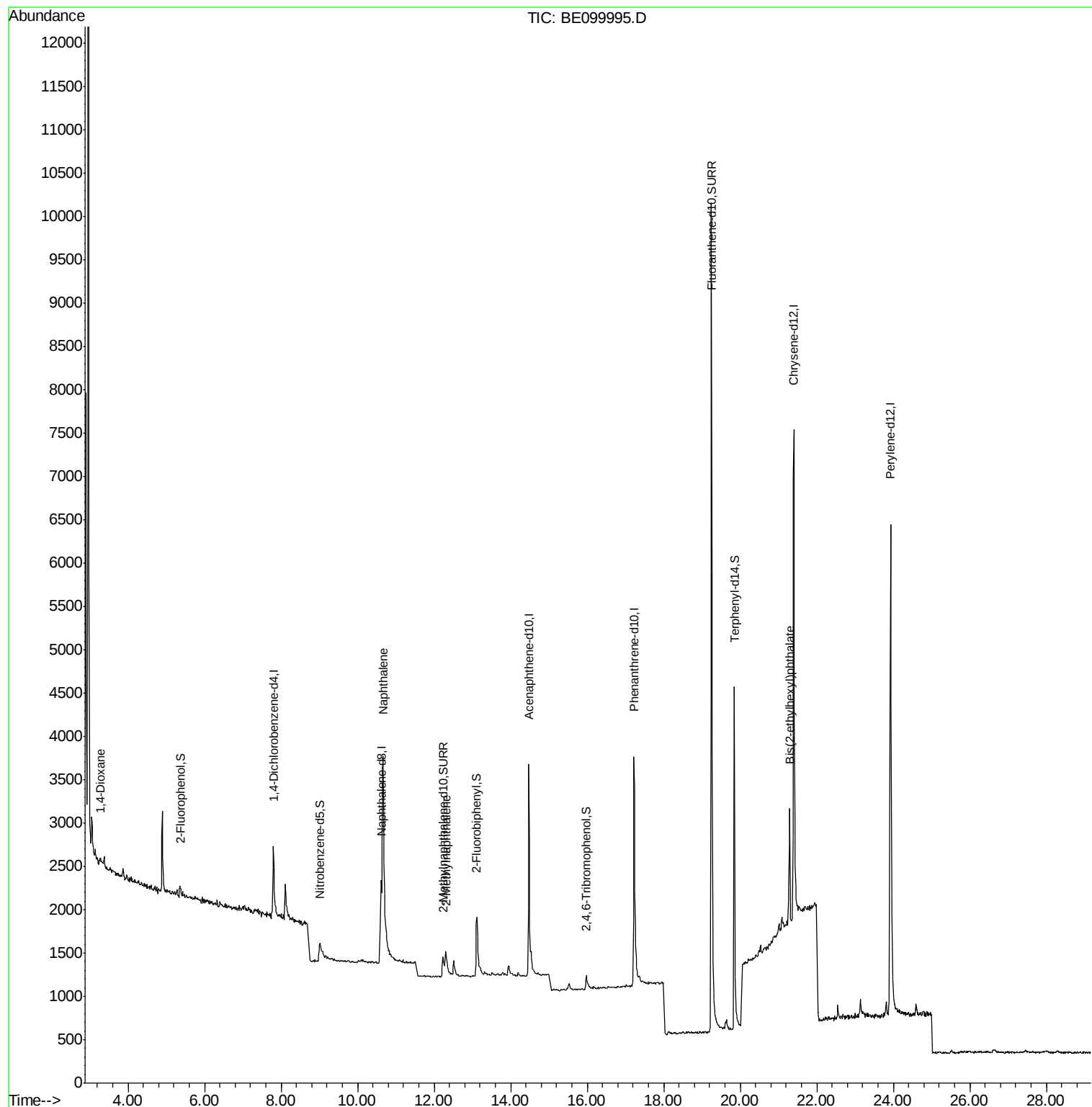
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	644	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2328	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1996	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6612	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8876	0.40	ng	0.00
34) Perylene-d12	23.93	264	10356	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	119	0.07	ng	0.00
5) Phenol-d6	6.99	99	41	0.02	ng	0.02
8) Nitrobenzene-d5	9.02	82	306	0.14	ng	0.05
11) 2-Methylnaphthalene-d10	12.24	152	728	0.18	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	209	0.14	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	1529	0.20	ng	0.01
25) Fluoranthene-d10	19.25	212	16709	0.17	ng	0.00
29) Terphenyl-d14	19.85	244	5020	0.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	85	0.089	ng	# 9
9) Naphthalene	10.67	128	7600	0.302	ng	# 98
12) 2-Methylnaphthalene	12.31	142	346	0.085	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.29	149	2275	0.060	ng	# 96

(#) = 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
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
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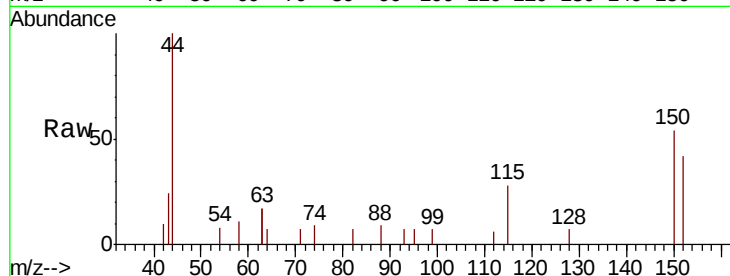


#1

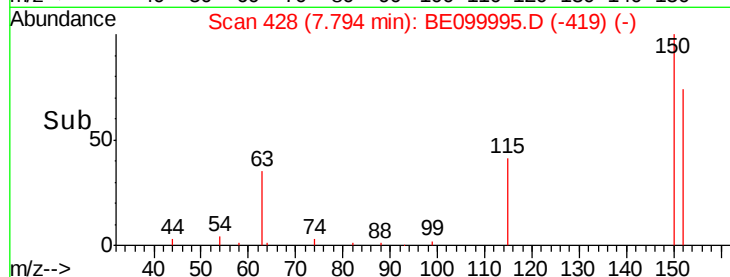
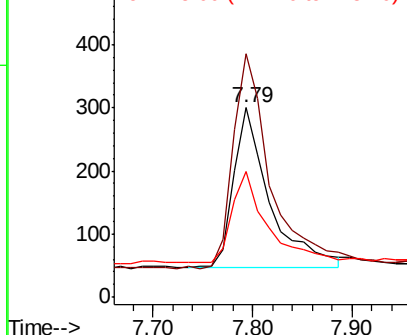
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099995.D
Acq: 13 Jun 2019 18:23

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312I-20190607

Tot Ion:152 Resp: 644
Ion Ratio Lower Upper
152 100
150 128.7 111.0 166.6
115 66.3 50.7 76.1



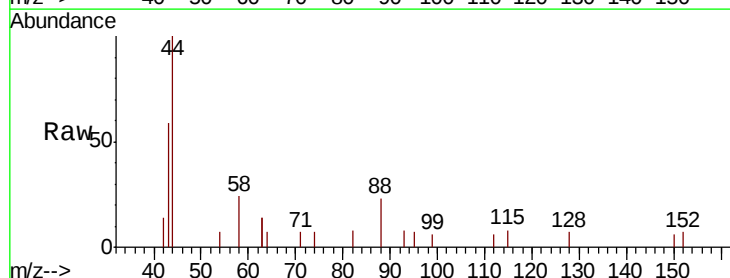
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



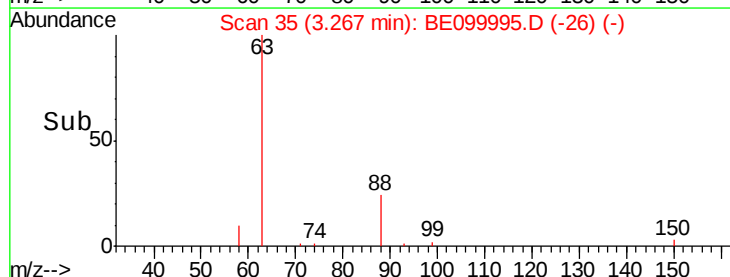
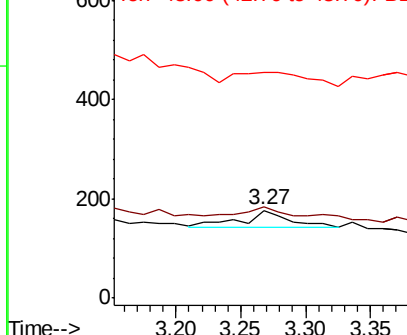
#2

1,4-Dioxane
Concen: 0.089 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099995.D
Acq: 13 Jun 2019 18:23

Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
58 29.4 48.8 73.2#
43 130.6 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.068 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190607

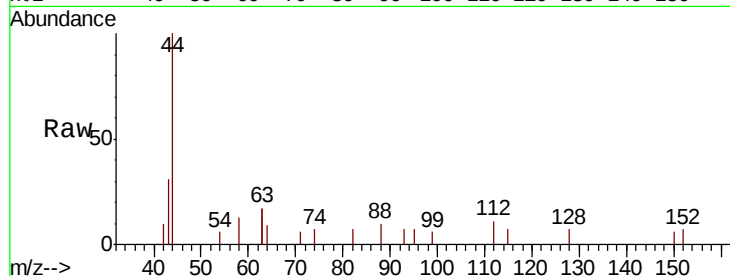
Tot Ion:112 Resp: 119

Ion Ratio Lower Upper

112 100

64 58.8 44.1 66.1

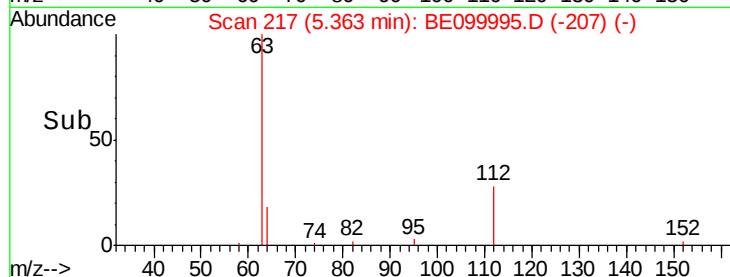
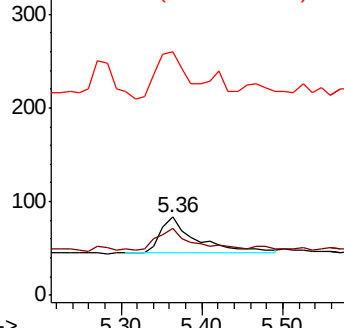
63 110.1 87.8 131.6



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: 0.018 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

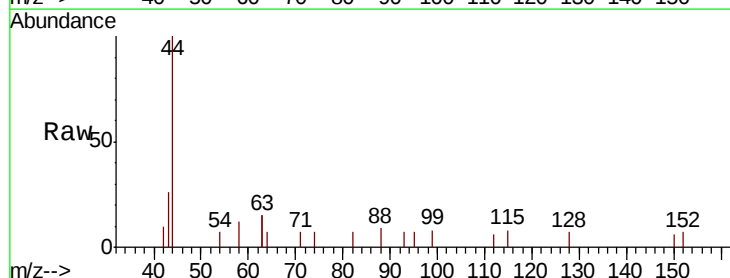
Tgt Ion: 99 Resp: 41

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

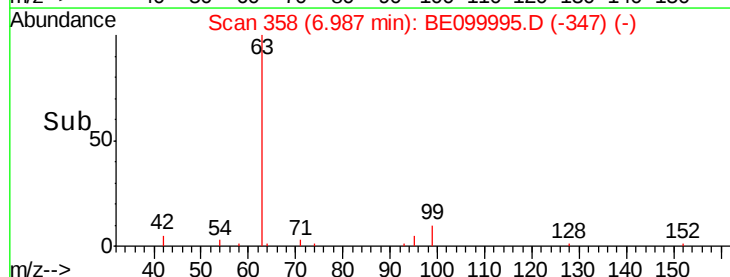
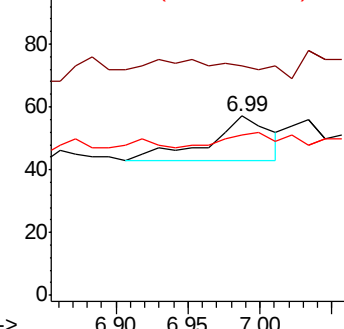
71 36.6 34.6 52.0



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190607

Tot Ion: 136 Resp: 2328

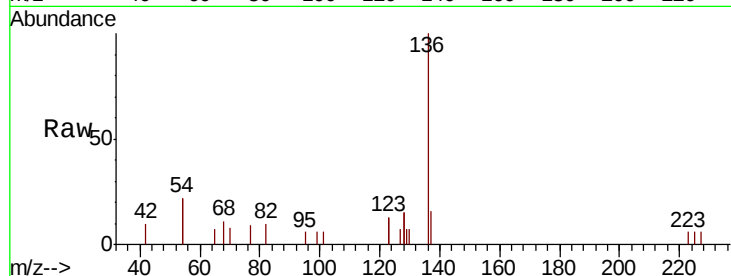
Ion Ratio Lower Upper

136 100

137 15.9 12.3 18.5

54 44.3 28.2 42.4#

68 11.4 7.8 11.8

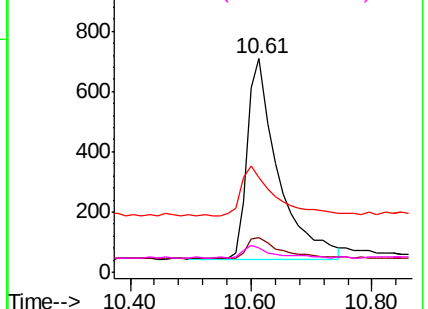
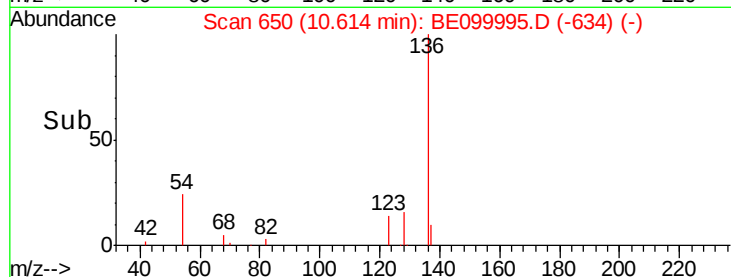


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.139 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

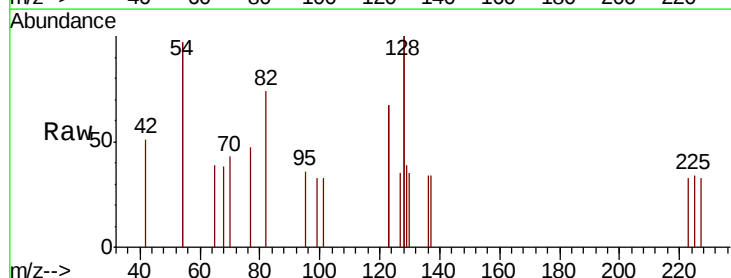
Tgt Ion: 82 Resp: 306

Ion Ratio Lower Upper

82 100

128 270.0 137.3 205.9#

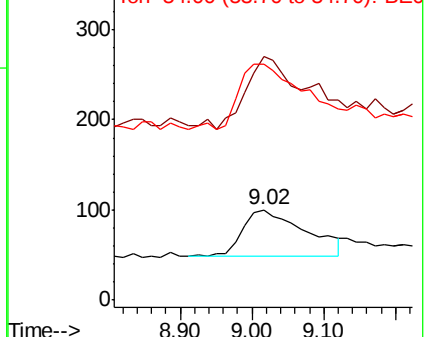
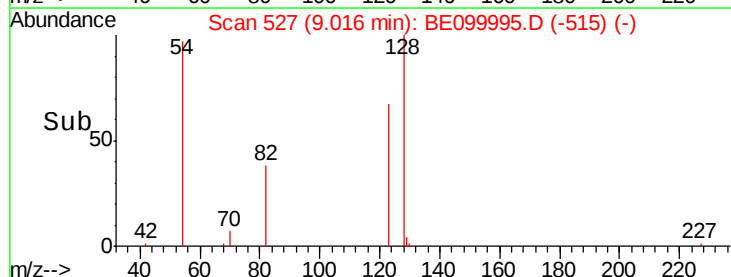
54 262.0 129.7 194.5#

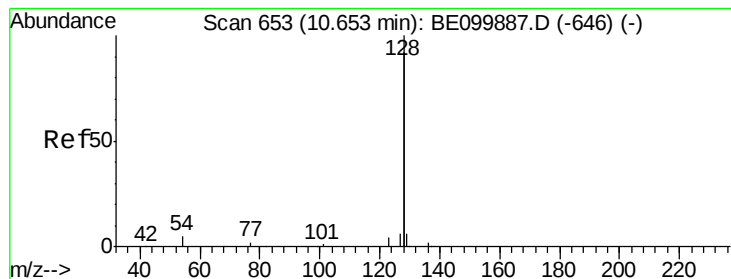


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.302 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190607

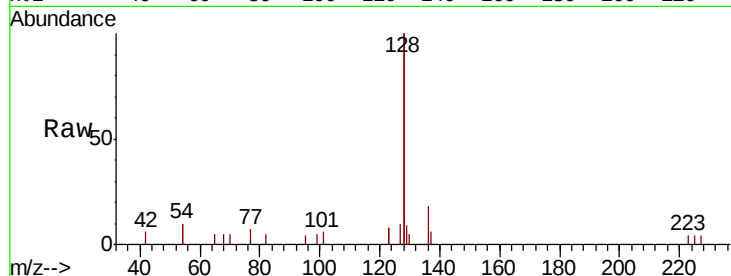
Tot Ion:128 Resp: 7600

Ion Ratio Lower Upper

128 100

129 4.5 3.0 4.6

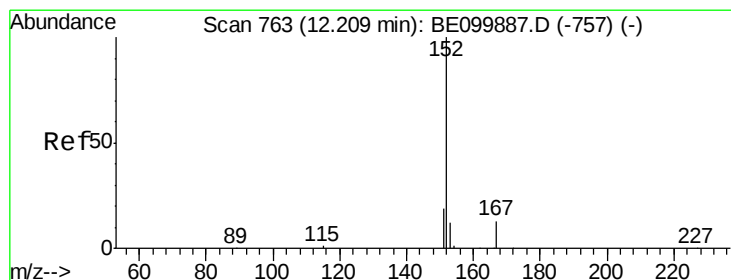
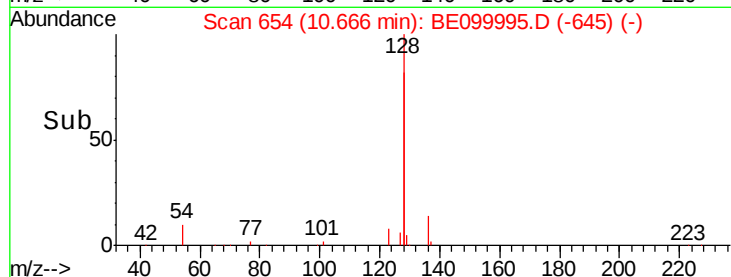
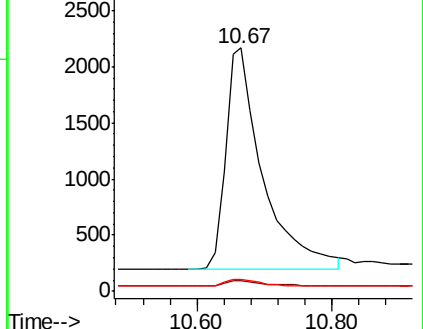
127 5.1 3.4 5.0#



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: 0.179 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE099995.D

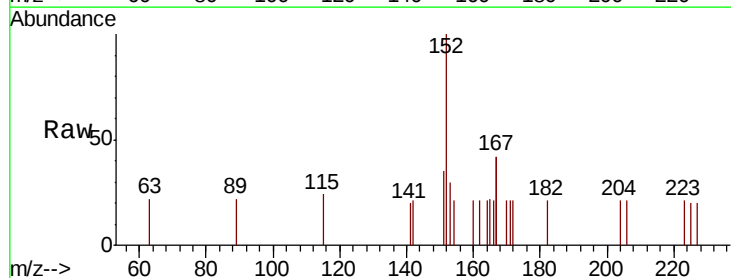
Acq: 13 Jun 2019 18:23

Tgt Ion:152 Resp: 728

Ion Ratio Lower Upper

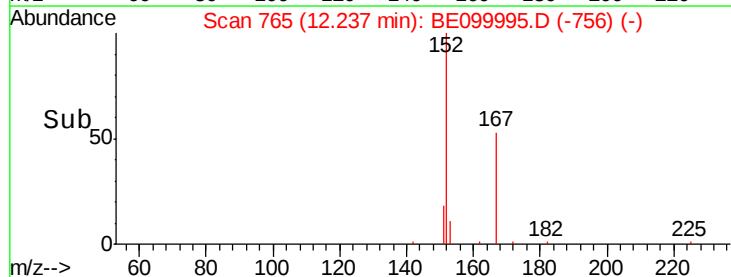
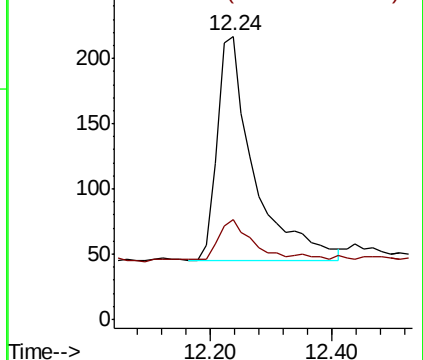
152 100

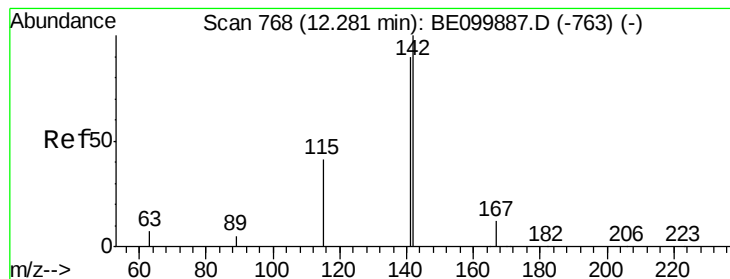
151 15.4 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.085 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.03 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190607

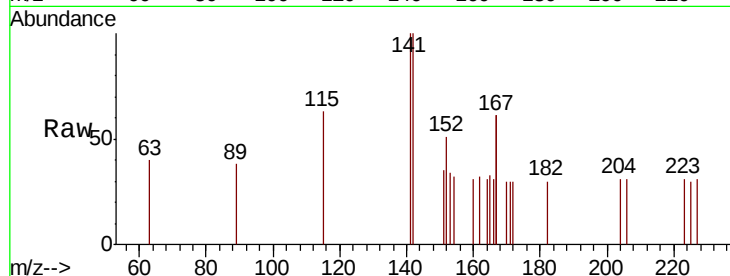
Tot Ion:142 Resp: 346

Ion Ratio Lower Upper

142 100

141 100.0 72.3 108.5

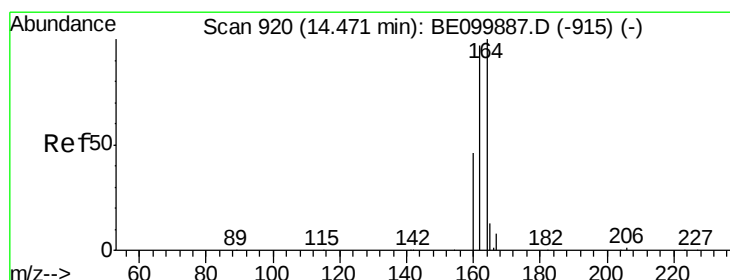
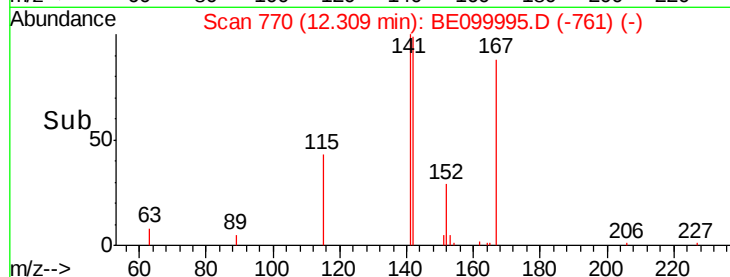
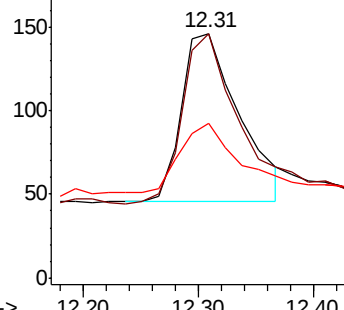
115 63.0 36.4 54.6#



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: BE099995.D

Acq: 13 Jun 2019 18:23

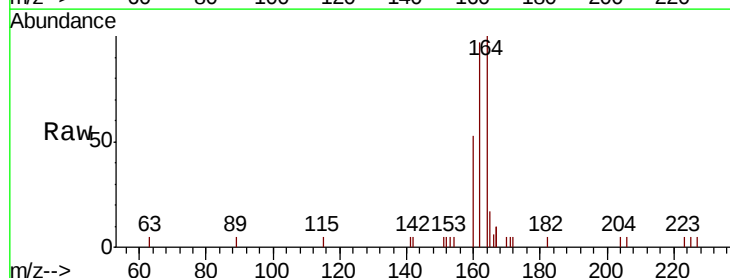
Tgt Ion:164 Resp: 1996

Ion Ratio Lower Upper

164 100

162 96.9 77.8 116.8

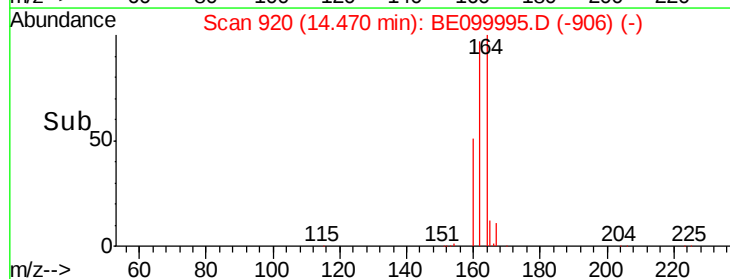
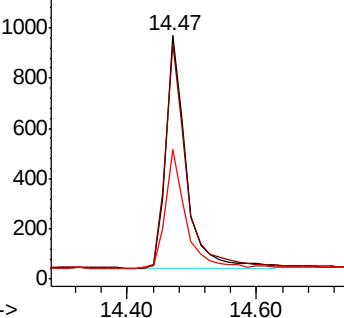
160 53.3 38.2 57.4

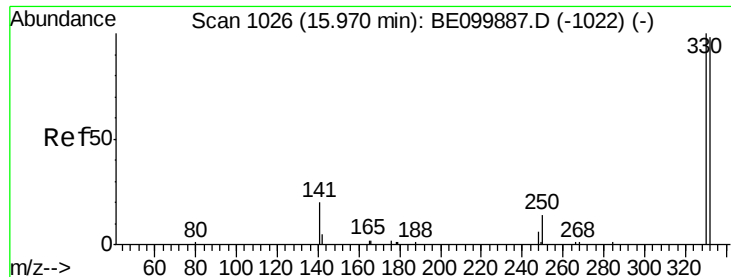


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

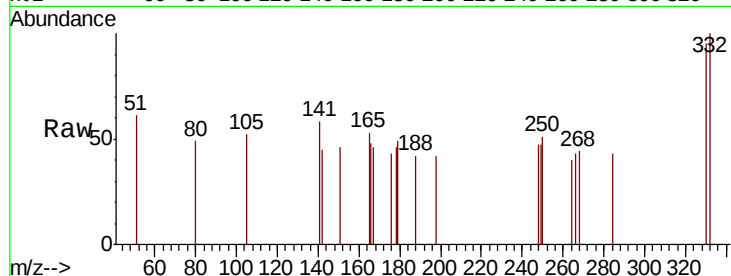




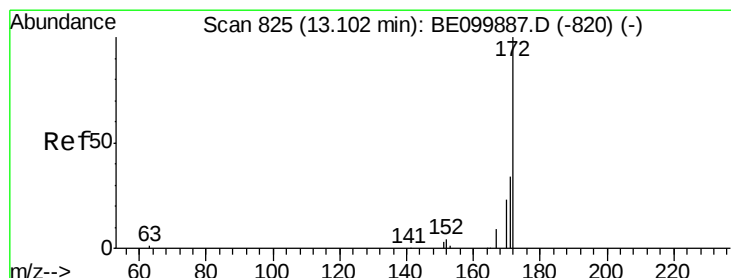
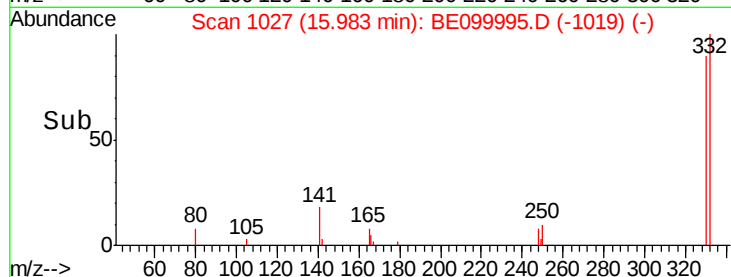
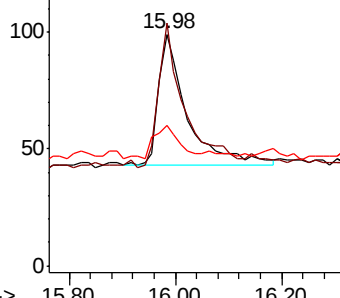
#14
 2,4,6-Tribromophenol
 Concen: 0.142 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099995.D
 Acq: 13 Jun 2019 18:23

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312I-20190607

Tot Ion:330 Resp: 209
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.7 115.1
 141 18.7 21.0 31.6#

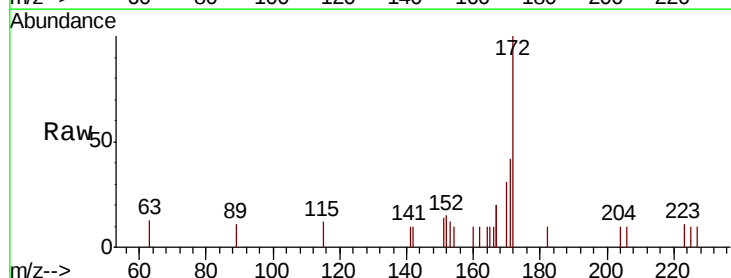


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

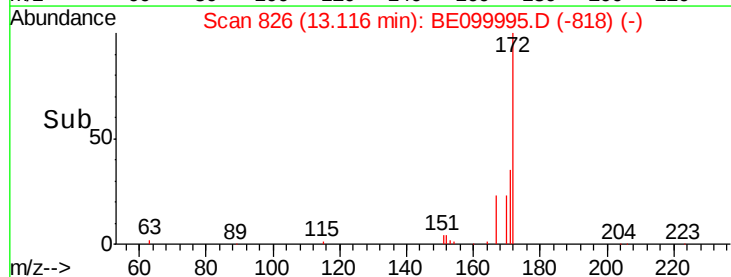
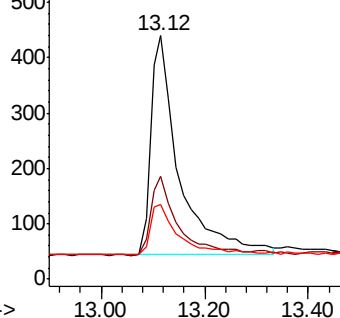


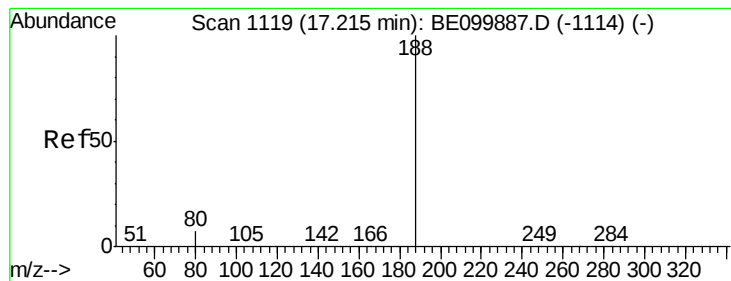
#15
 2-Fluorobiphenyl
 Concen: 0.202 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099995.D
 Acq: 13 Jun 2019 18:23

Tgt Ion:172 Resp: 1529
 Ion Ratio Lower Upper
 172 100
 171 42.0 29.2 43.8
 170 30.9 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190607

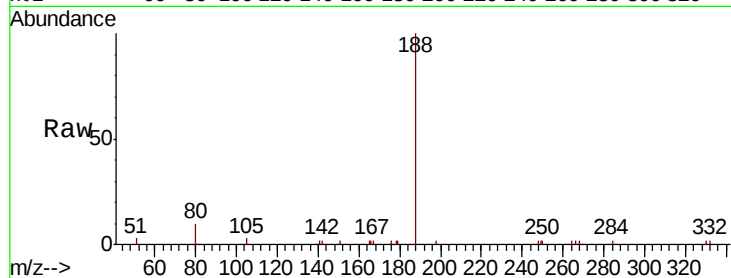
Tot Ion:188 Resp: 6612

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

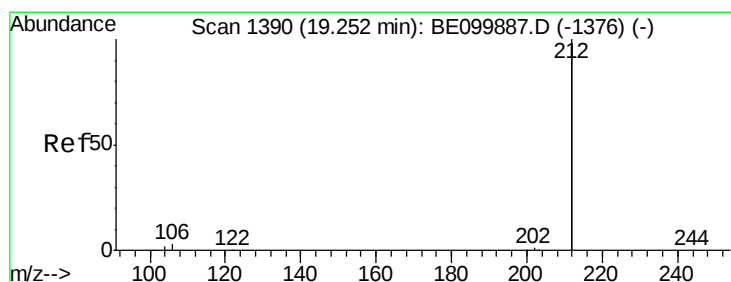
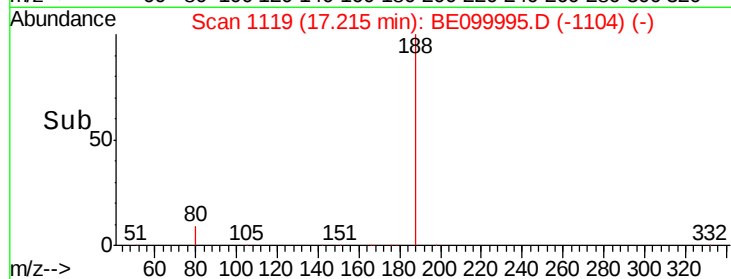
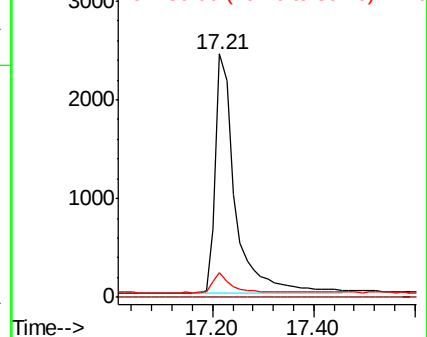
80 10.4 6.4 9.6#



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



#25

Fluoranthene-d10

Concen: 0.173 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099995.D

Acq: 13 Jun 2019 18:23

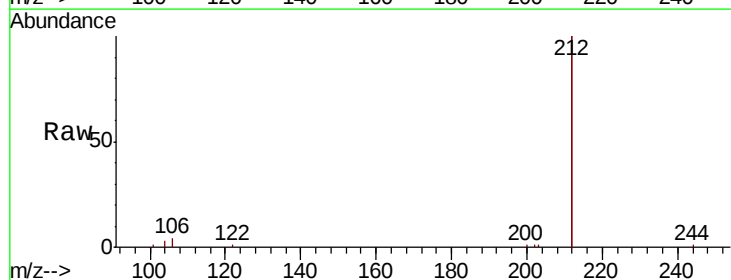
Tgt Ion:212 Resp: 16709

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

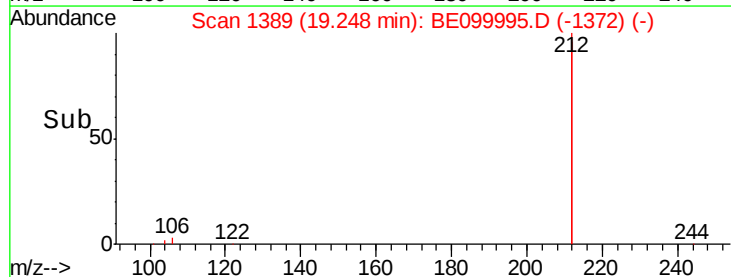
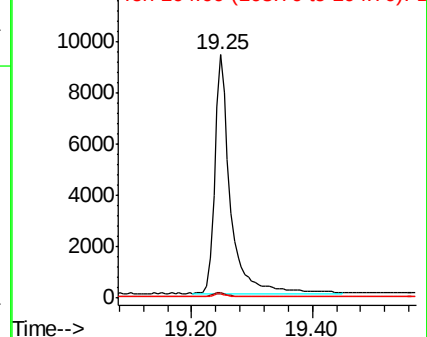
104 1.0 0.9 1.3

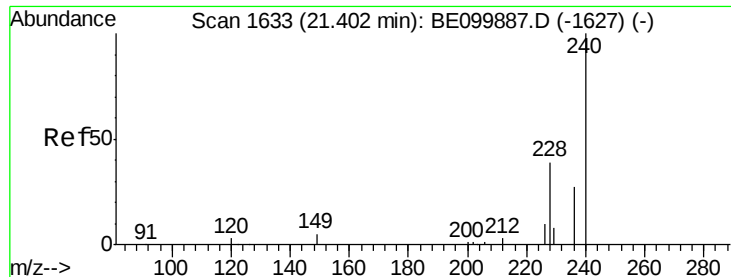


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

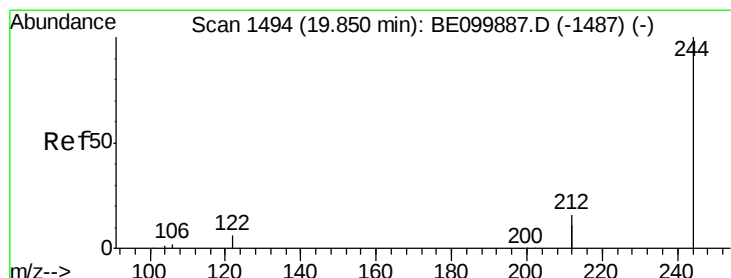
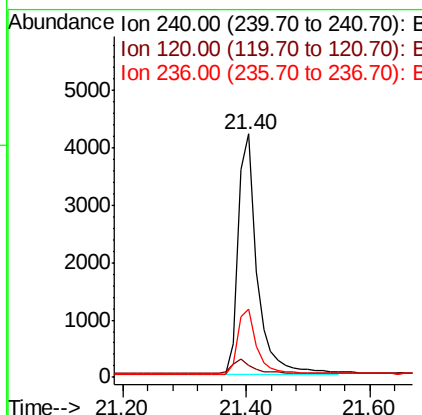
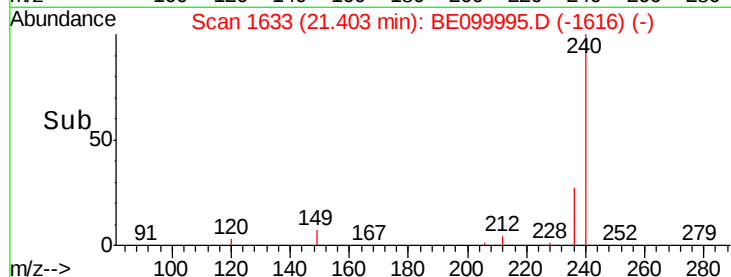
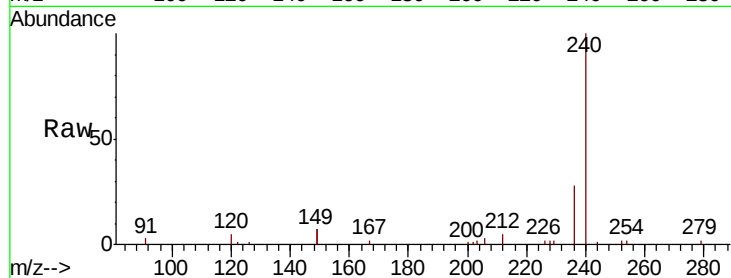




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099995.D
Acq: 13 Jun 2019 18:23

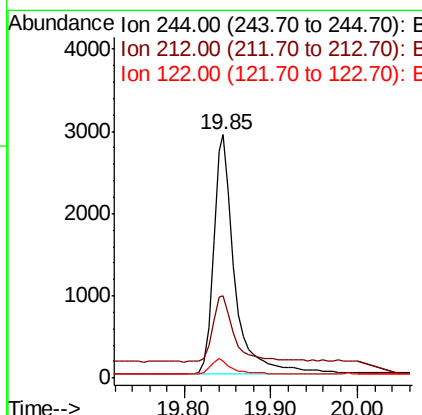
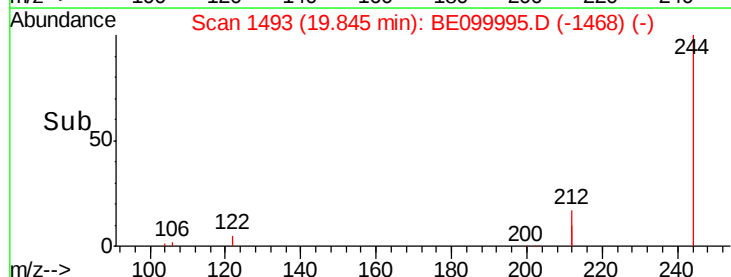
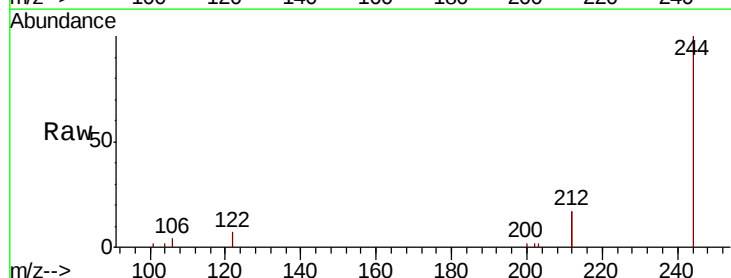
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312I-20190607

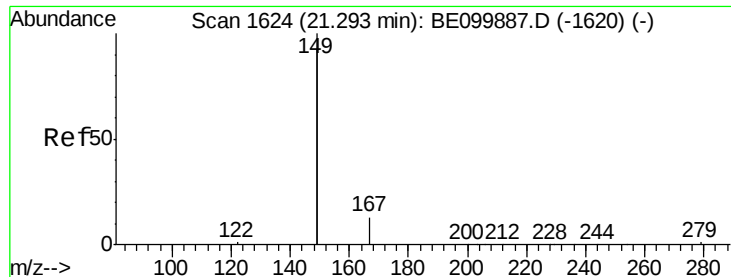
Tot Ion:240 Resp: 8876
Ion Ratio Lower Upper
240 100
120 4.8 3.8 5.6
236 27.9 22.0 33.0



#29
Terphenyl-d14
Concen: 0.314 ng
RT: 19.85 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE099995.D
Acq: 13 Jun 2019 18:23

Tgt Ion:244 Resp: 5020
Ion Ratio Lower Upper
244 100
212 34.1 25.7 38.5
122 6.8 5.5 8.3

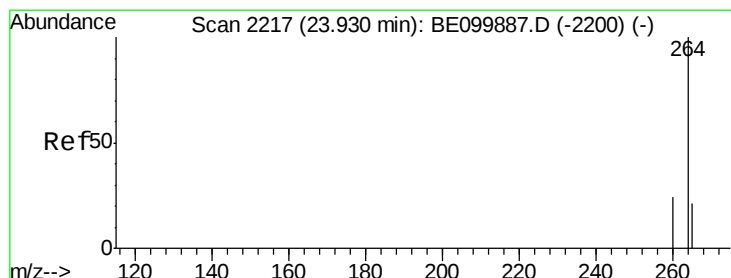
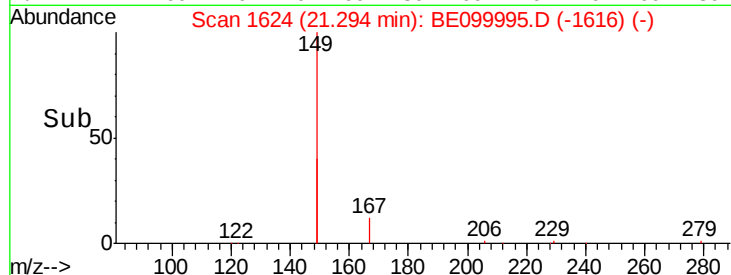
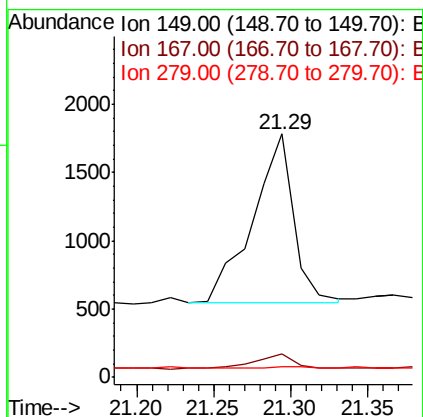
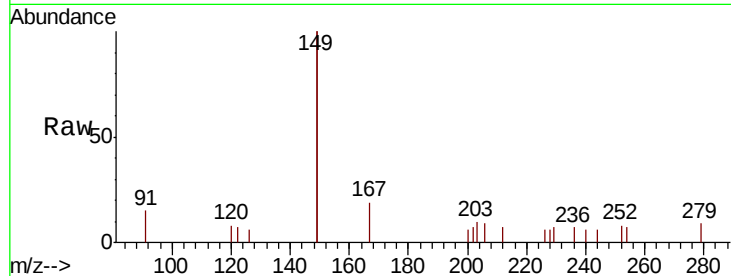




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099995.D
 Acq: 13 Jun 2019 18:23

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312I-20190607

Tot Ion:149 Resp: 2275
 Ion Ratio Lower Upper
 149 100
 167 8.9 5.9 8.9
 279 2.2 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE099995.D
 Acq: 13 Jun 2019 18:23

Tgt Ion:264 Resp: 10356
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.2 30.2
 265 31.1 22.0 33.0

