

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099879.D
 Acq On : 8 Jun 2019 10:21
 Operator : JU/SJ
 Sample : K3249-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190606

Quant Time: Jun 08 17:17:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

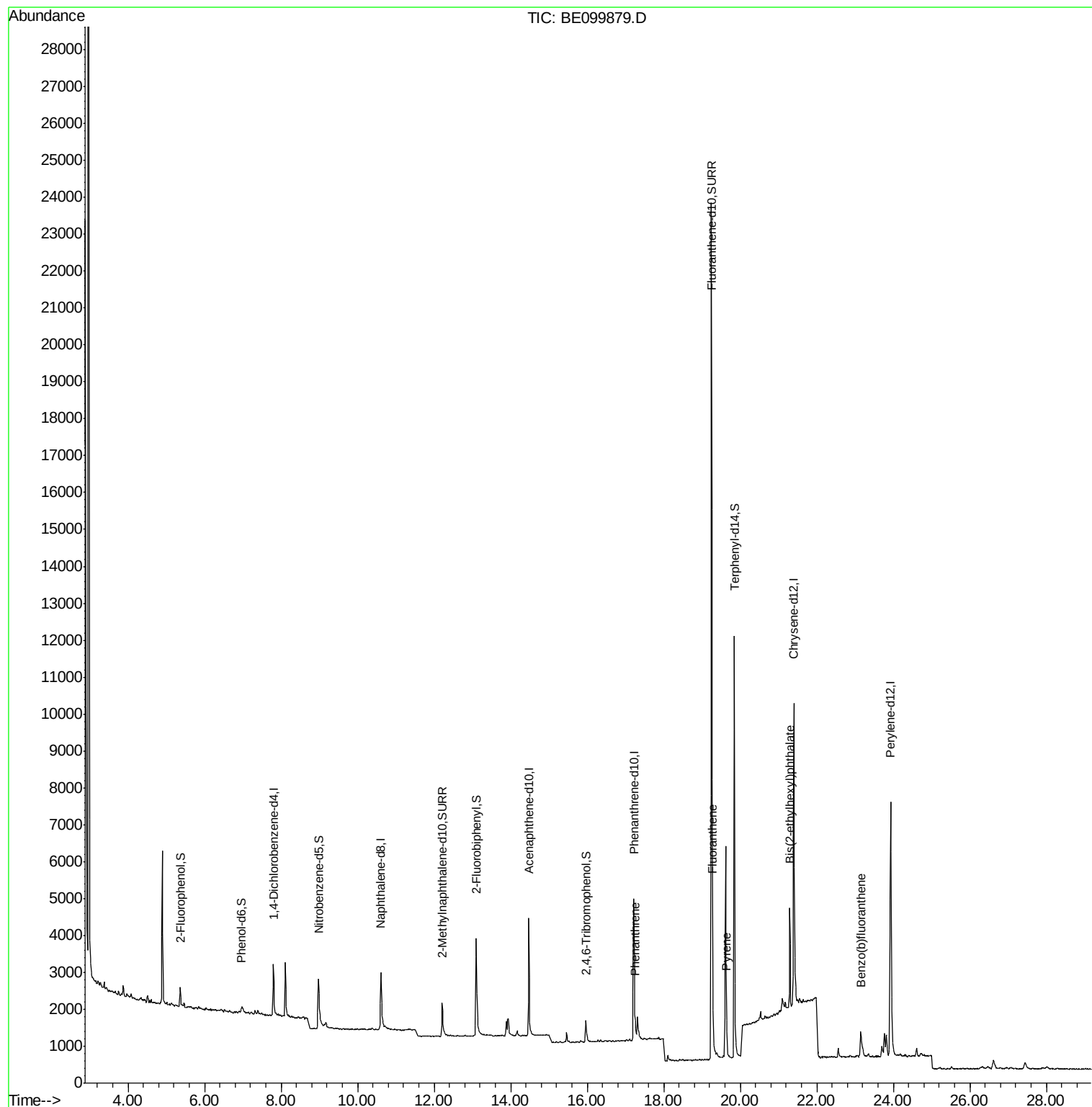
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	853	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2926	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2101	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6237	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9783	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11658	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	366	0.13	ng	0.00
5) Phenol-d6	6.96	99	267	0.08	ng	0.00
8) Nitrobenzene-d5	8.98	82	1141	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1832	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	545	0.26	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3916	0.52	ng	0.00
25) Fluoranthene-d10	19.25	212	35422	0.37	ng	-0.01
29) Terphenyl-d14	19.84	244	11262	0.62	ng	-0.01
Target Compounds						
23) Phenanthrene	17.26	178	369	0.024	ng	# 93
26) Fluoranthene	19.28	202	862	0.032	ng	# 95
28) Pyrene	19.64	202	778	0.030	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.29	149	3377	0.067	ng	# 97
35) Benzo(b)fluoranthene	23.16	252	907	0.028	ng	# 24

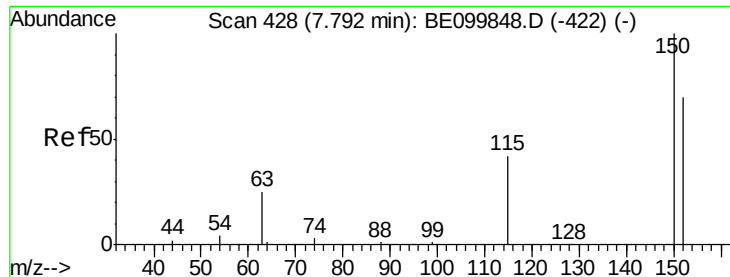
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
Data File : BE099879.D
Acq On : 8 Jun 2019 10:21
Operator : JU/SJ
Sample : K3249-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190606

Quant Time: Jun 08 17:17:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration



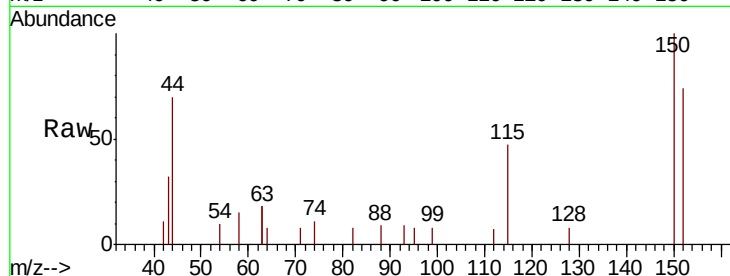


#1

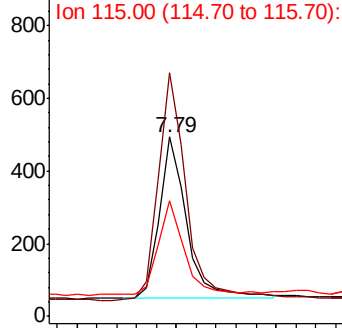
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190606

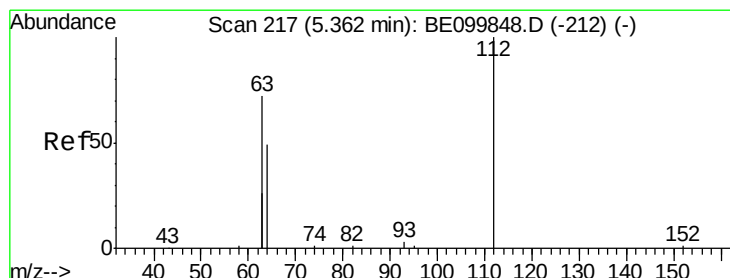
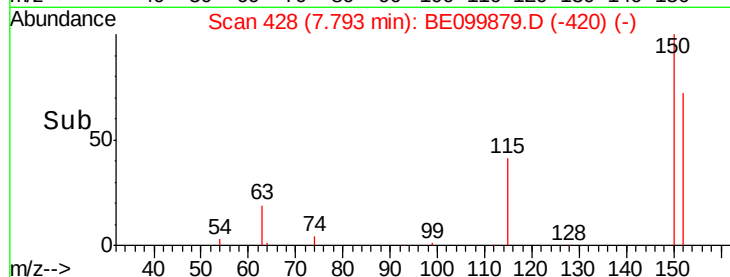
Tot Ion:152 Resp: 853
Ion Ratio Lower Upper
152 100
150 135.6 112.8 169.2
115 64.4 47.6 71.4



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



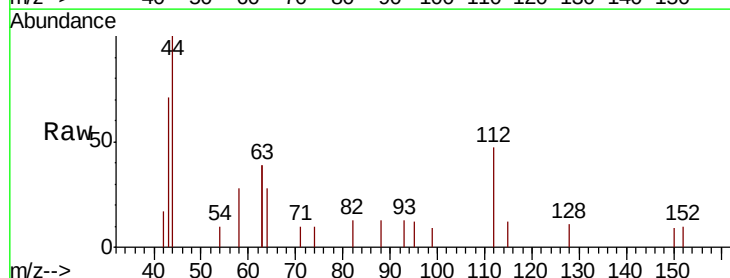
Time-->



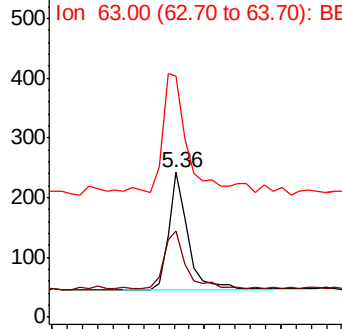
#4

2-Fluorophenol
Concen: 0.128 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

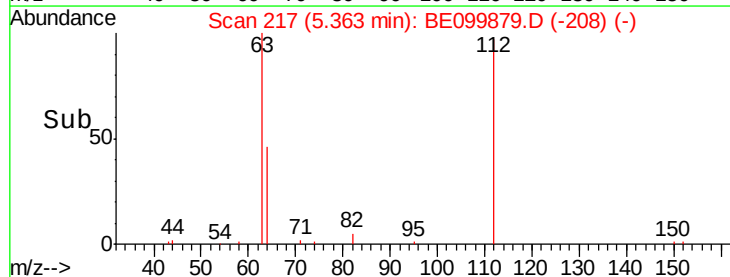
Tgt Ion:112 Resp: 366
Ion Ratio Lower Upper
112 100
64 53.6 47.2 70.8
63 116.9 90.7 136.1

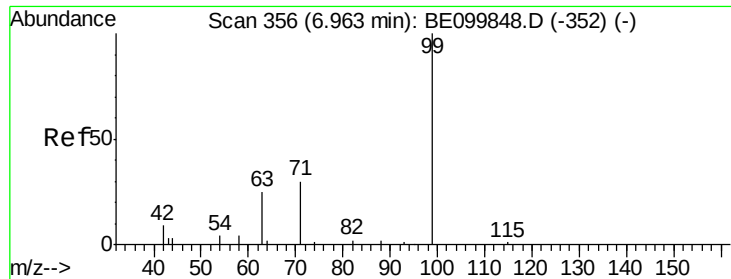


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.076 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

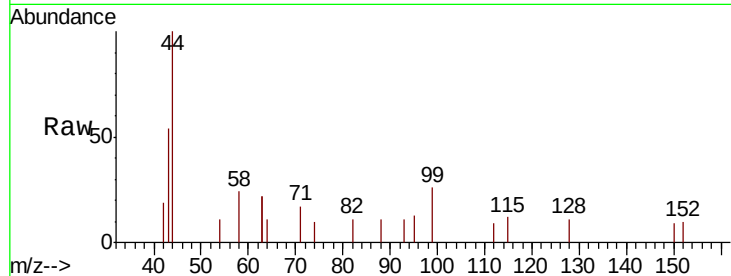
Tot Ion: 99 Resp: 267

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.4

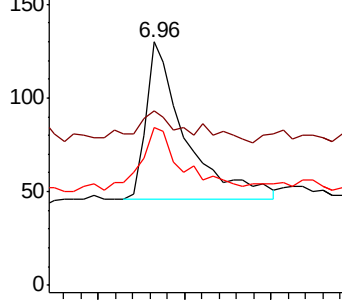
71 40.4 26.1 39.1#



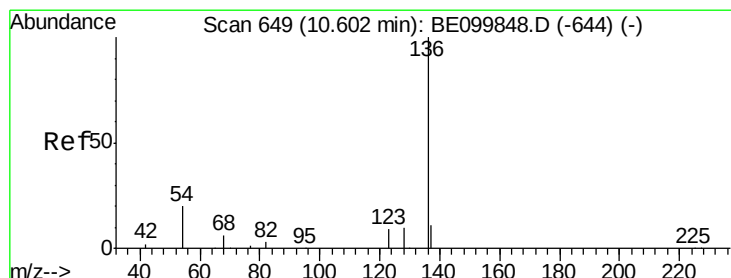
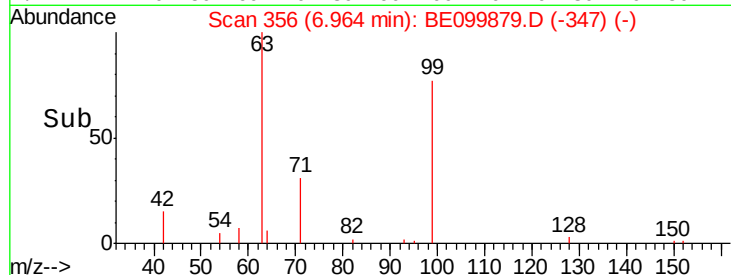
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Tgt Ion: 136 Resp: 2926

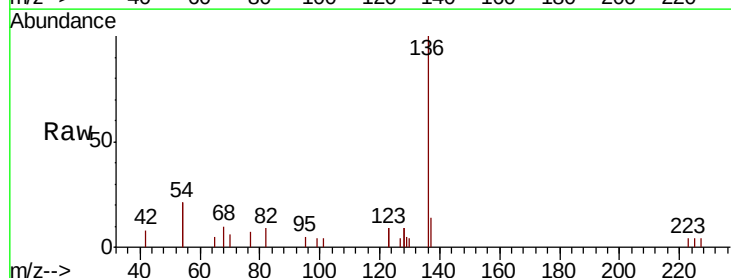
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 42.7 17.9 26.9#

68 10.4 5.4 8.0#

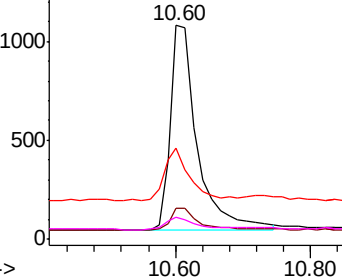


Abundance Ion 136.00 (135.70 to 136.70): E

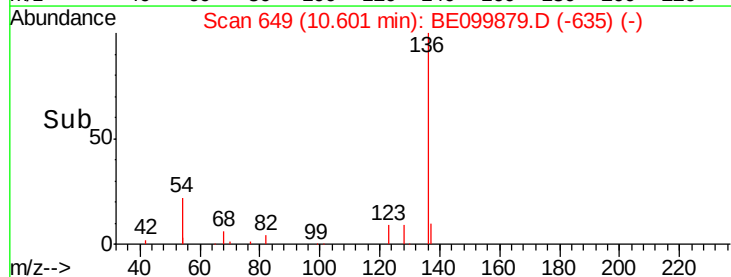
Ion 137.00 (136.70 to 137.70): E

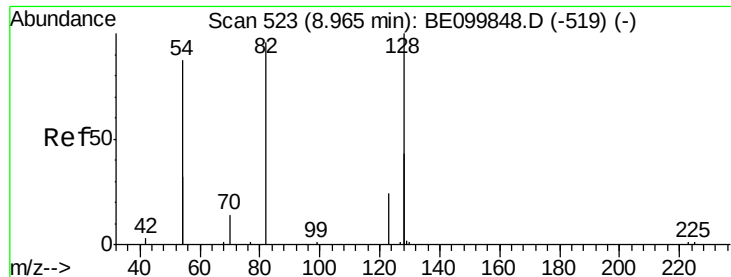
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

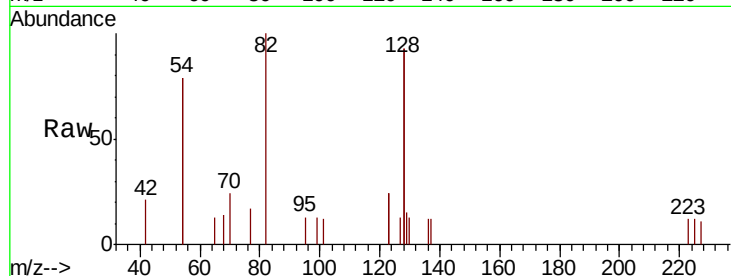
Tot Ion: 82 Resp: 1141

Ion Ratio Lower Upper

82 100

128 185.8 116.6 175.0#

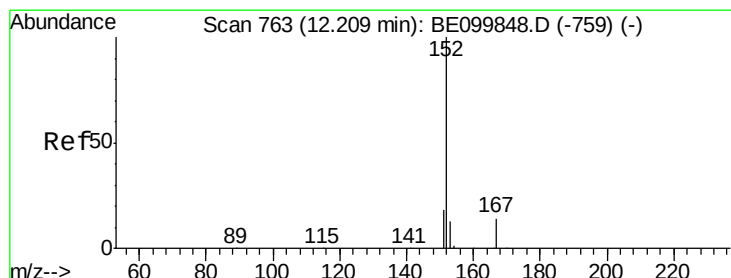
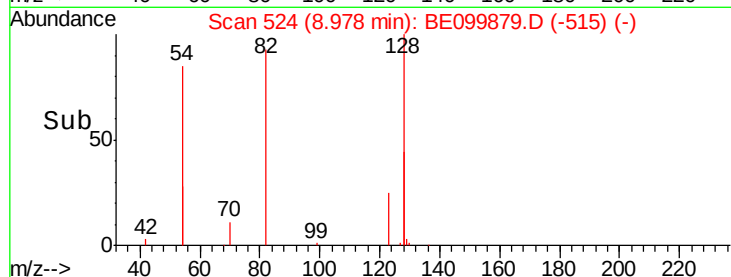
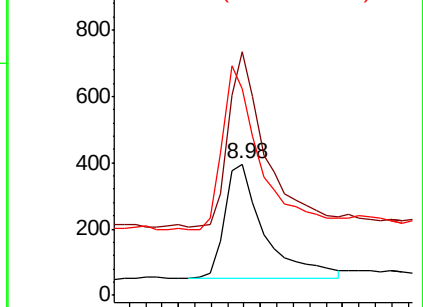
54 157.5 136.2 204.4



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: 0.346 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099879.D

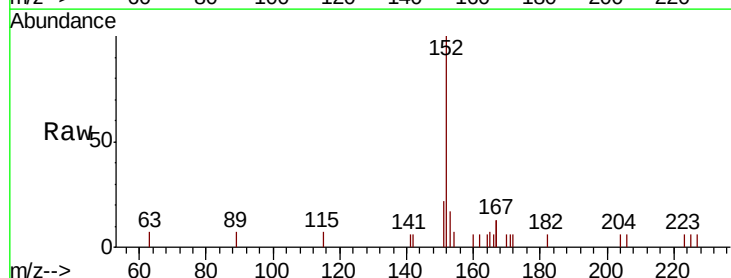
Acq: 8 Jun 2019 10:21

Tgt Ion: 152 Resp: 1832

Ion Ratio Lower Upper

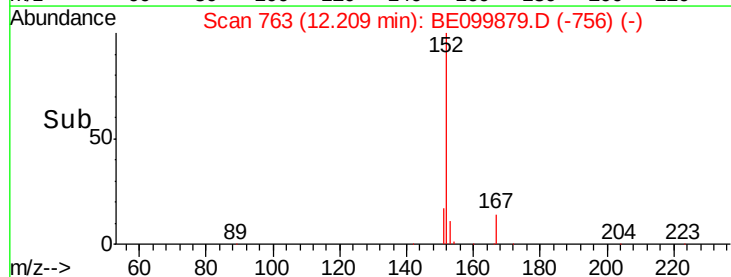
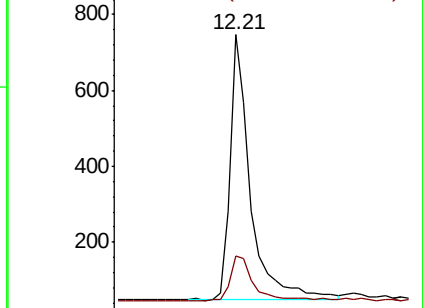
152 100

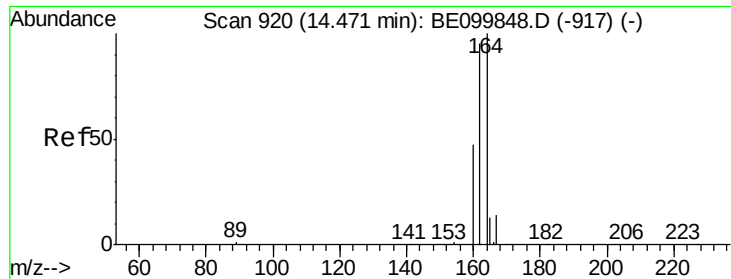
151 19.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

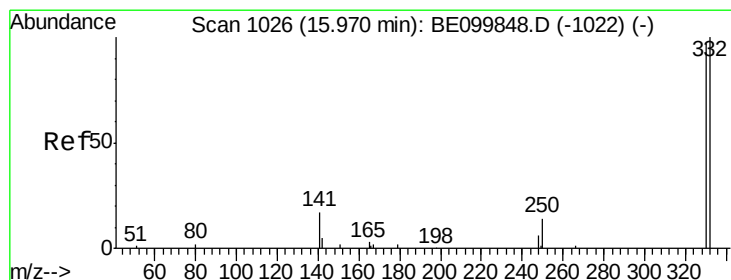
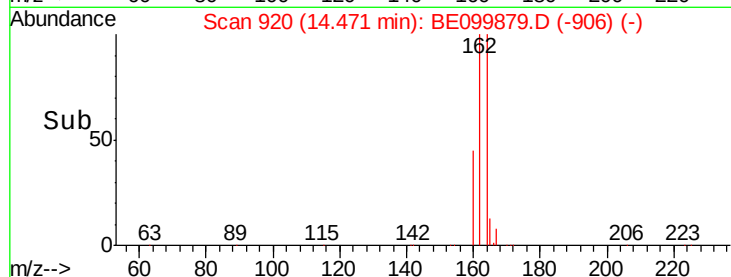
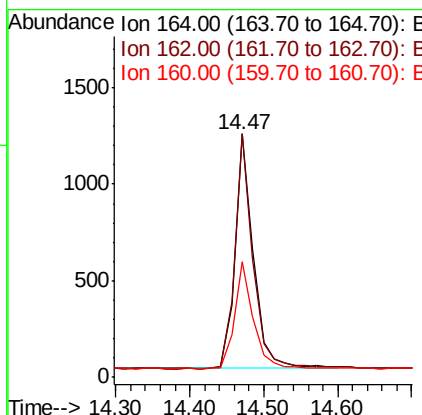
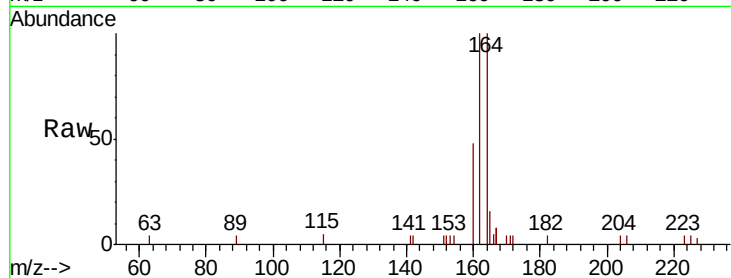




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

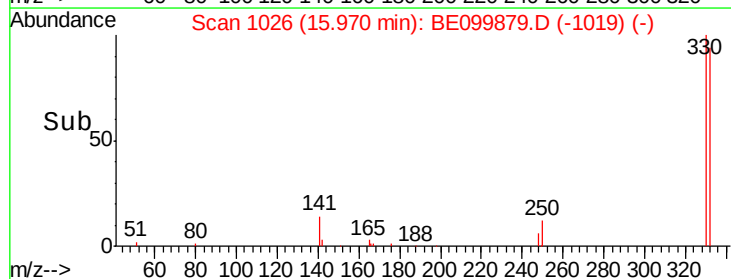
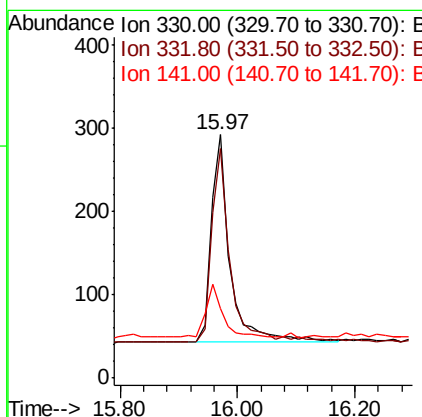
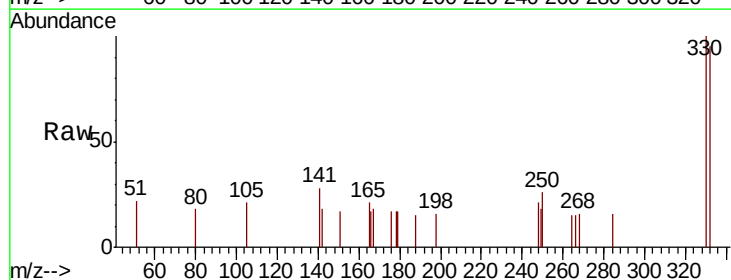
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190606

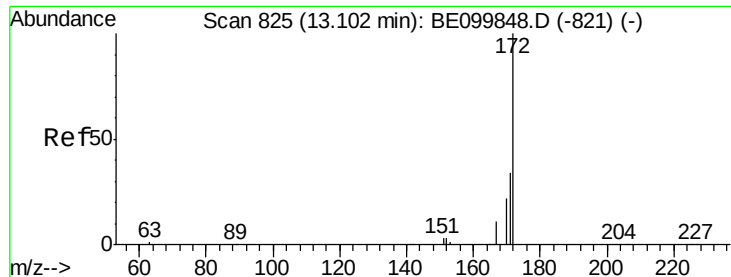
Tot Ion:164 Resp: 2101
 Ion Ratio Lower Upper
 164 100
 162 99.9 77.2 115.8
 160 47.5 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.262 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

Tgt Ion:330 Resp: 545
 Ion Ratio Lower Upper
 330 100
 332 91.0 74.9 112.3
 141 22.8 16.0 24.0

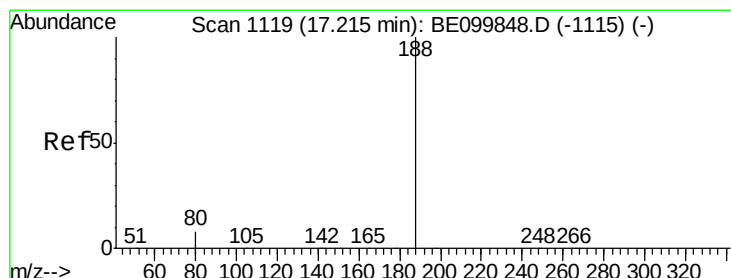
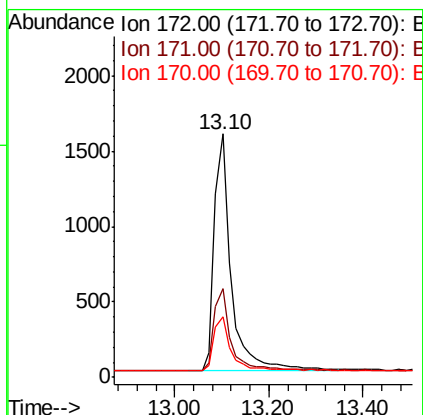
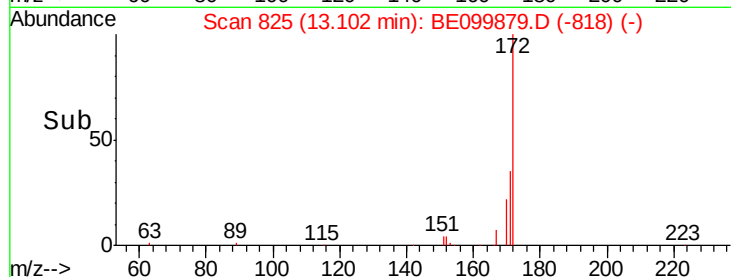
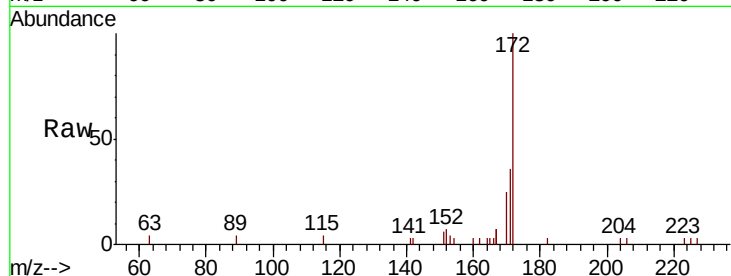




#15
2-Fluorobiphenyl
Concen: 0.516 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

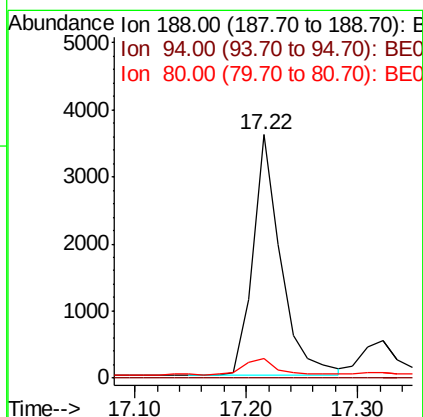
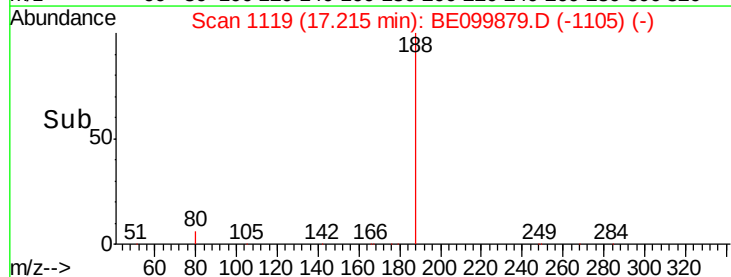
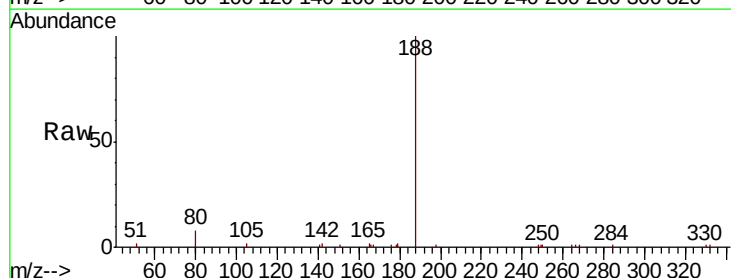
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190606

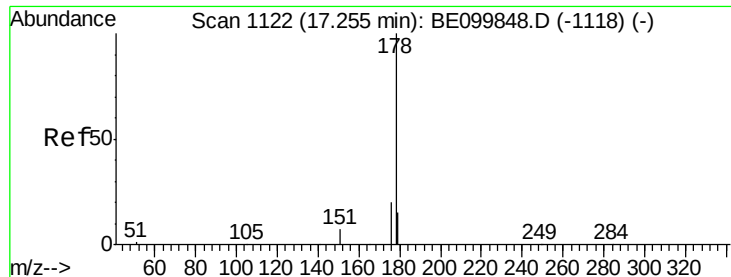
Tot Ion:172 Resp: 3916
Ion Ratio Lower Upper
172 100
171 36.4 30.2 45.4
170 24.7 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Tgt Ion:188 Resp: 6237
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 5.2 7.8





#23

Phenanthrene

Concen: 0.024 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606

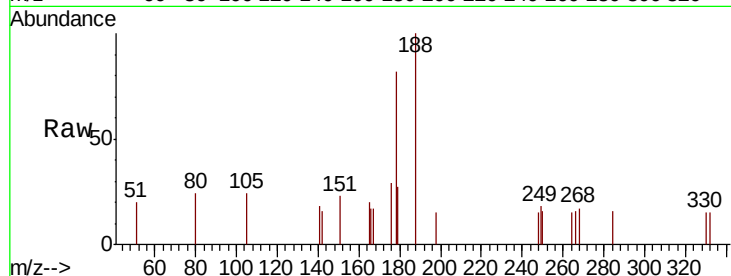
Tot Ion:178 Resp: 369

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

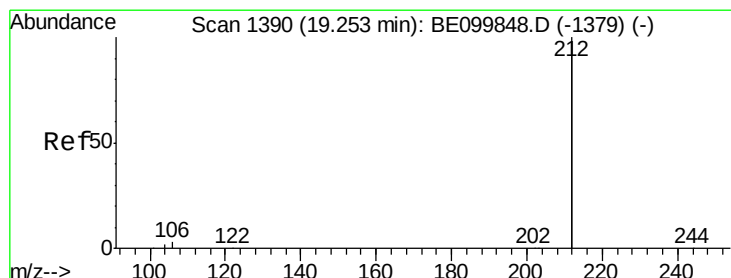
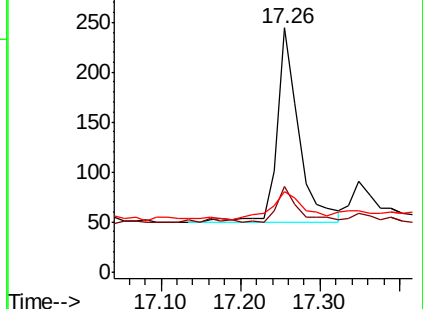
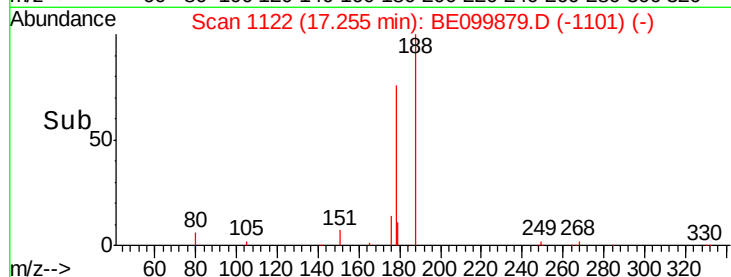
179 21.7 12.5 18.7#



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: 0.366 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099879.D

Acq: 8 Jun 2019 10:21

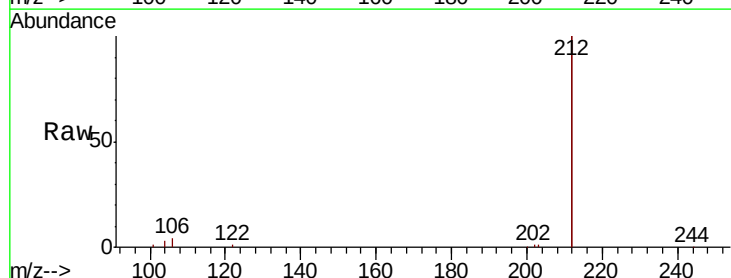
Tgt Ion:212 Resp: 35422

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

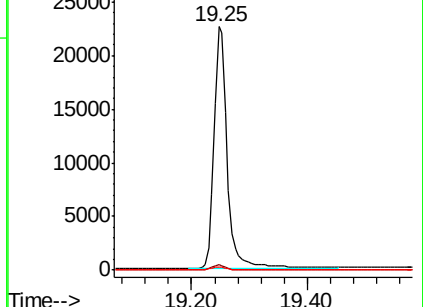
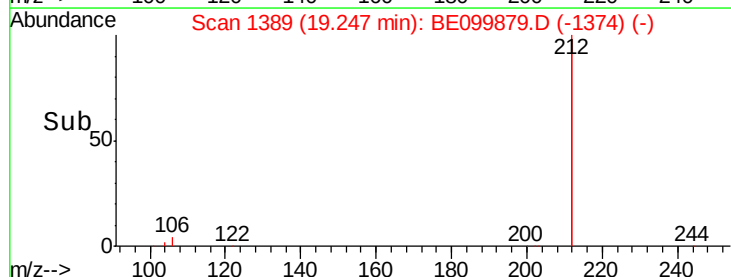
104 1.0 0.8 1.2

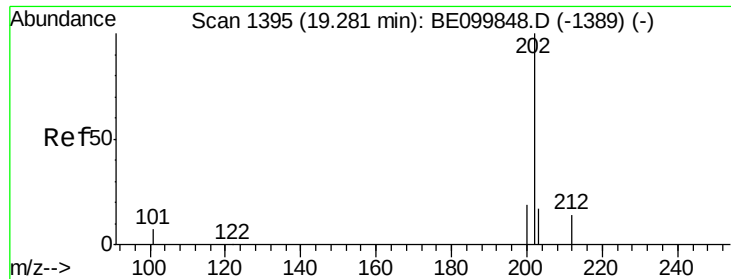


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

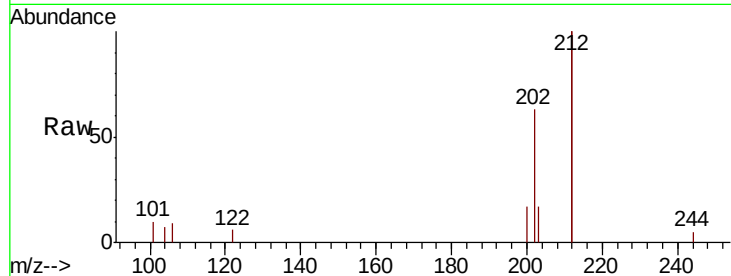




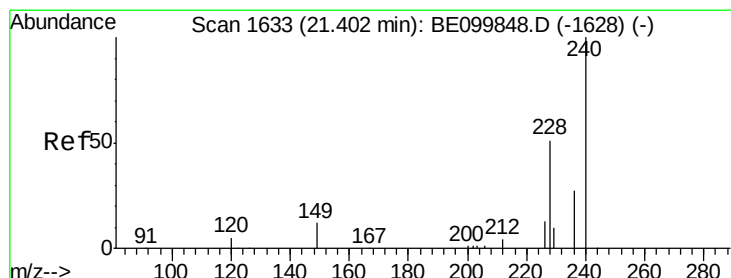
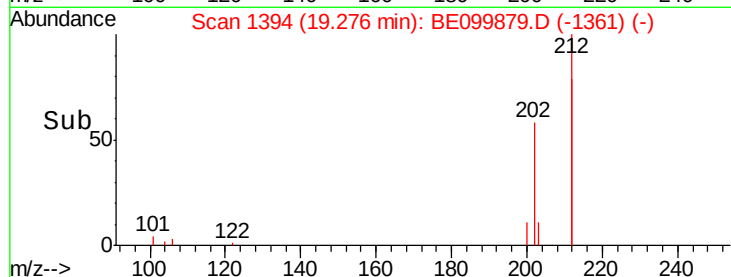
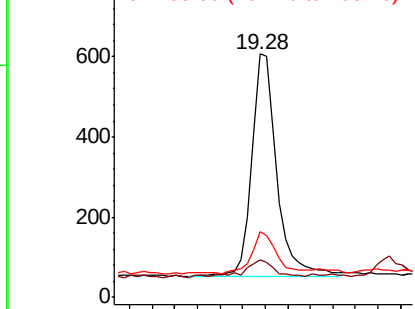
#26
Fluoranthene
Concen: 0.032 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190606

Tot Ion:202 Resp: 862
Ion Ratio Lower Upper
202 100
101 9.9 5.2 7.8#
203 18.3 13.6 20.4

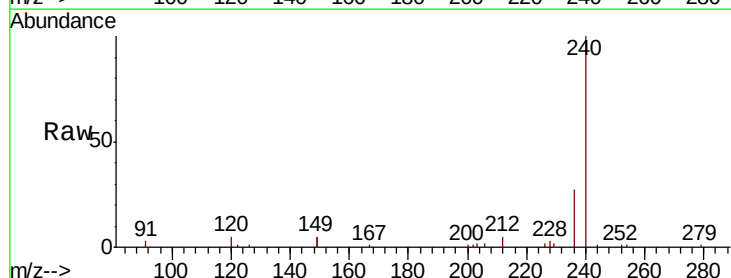


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

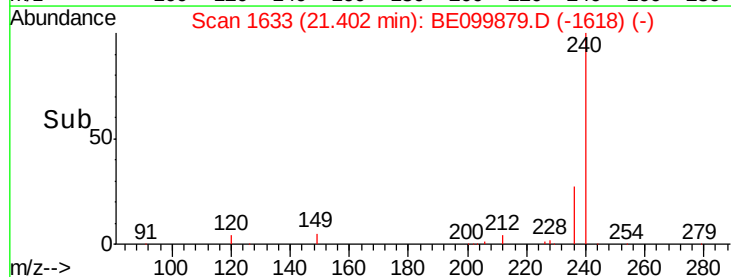
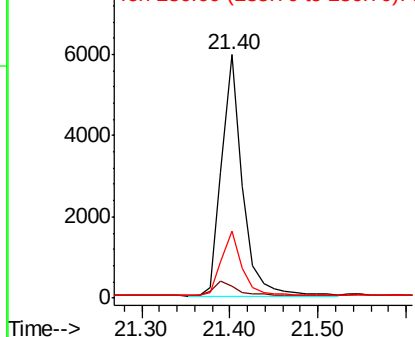


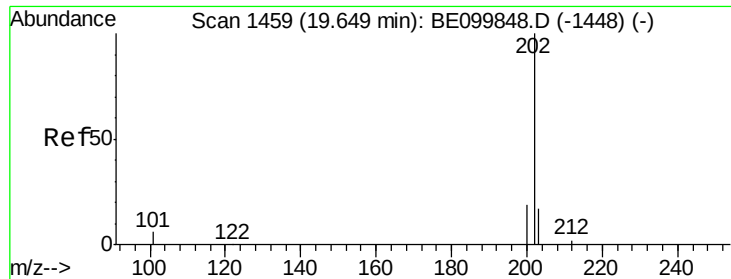
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Tgt Ion:240 Resp: 9783
Ion Ratio Lower Upper
240 100
120 5.1 2.8 4.2#
236 27.4 20.9 31.3



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

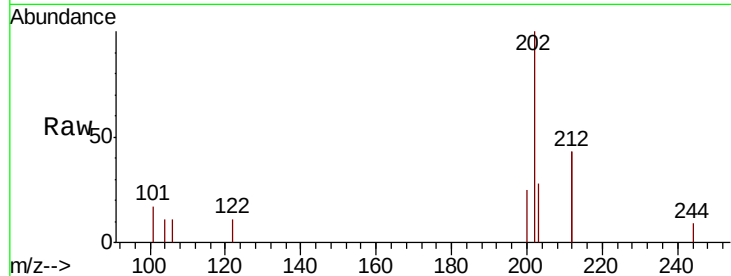




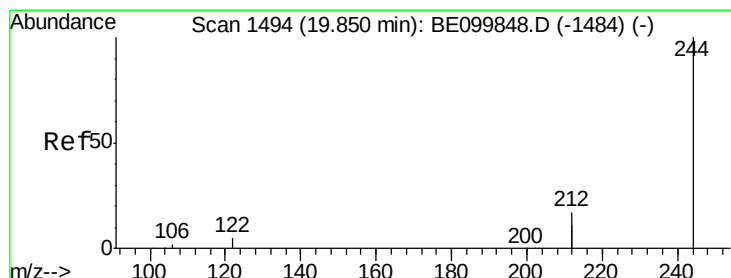
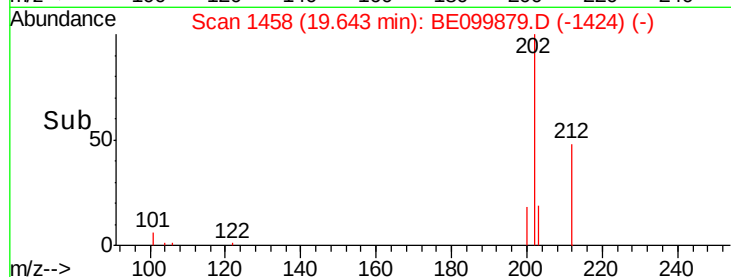
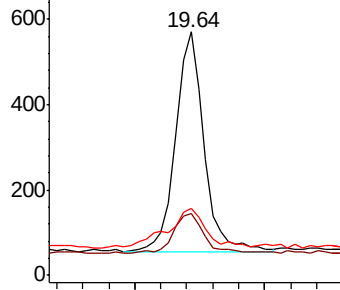
#28
Pvrene
Concen: 0.030 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303S-20190606

Tot Ion:202 Resp: 778
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 25.6 14.1 21.1#

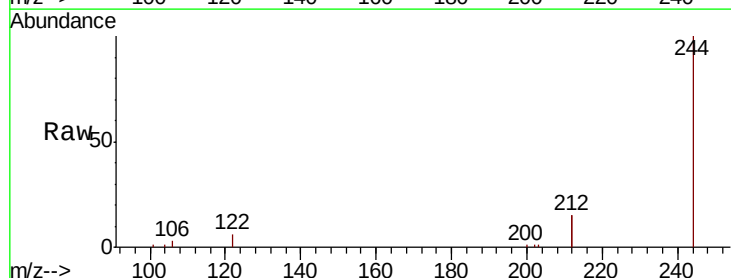


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

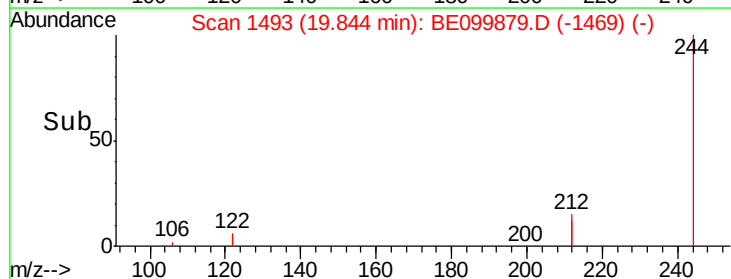
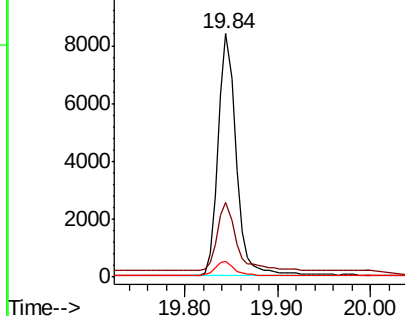


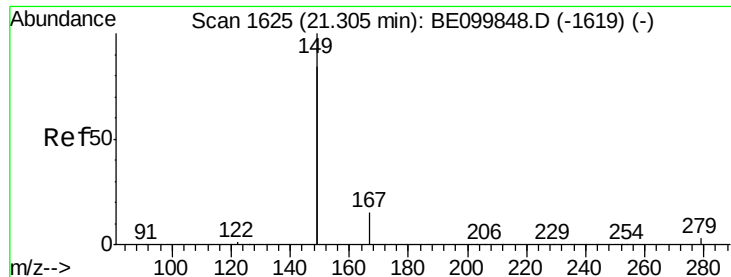
#29
Terphenyl-d14
Concen: 0.617 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099879.D
Acq: 8 Jun 2019 10:21

Tgt Ion:244 Resp: 11262
Ion Ratio Lower Upper
244 100
212 30.4 23.7 35.5
122 6.4 4.8 7.2



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

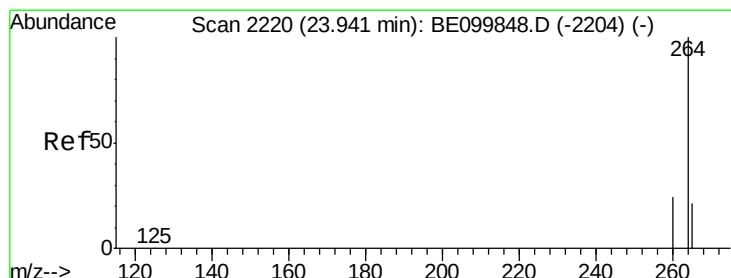
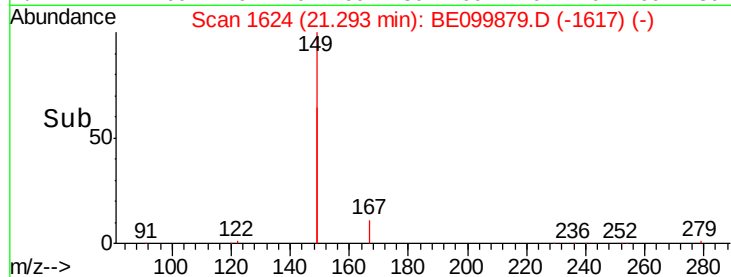
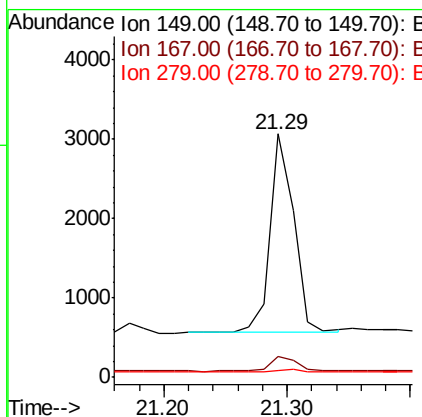
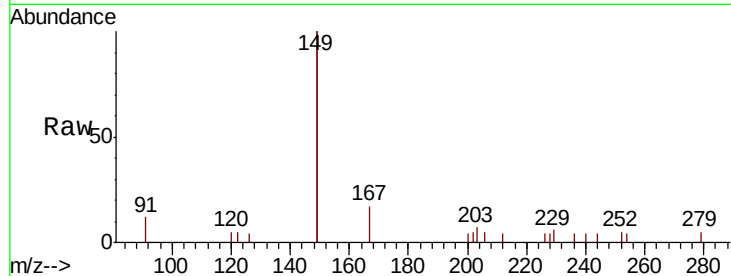




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

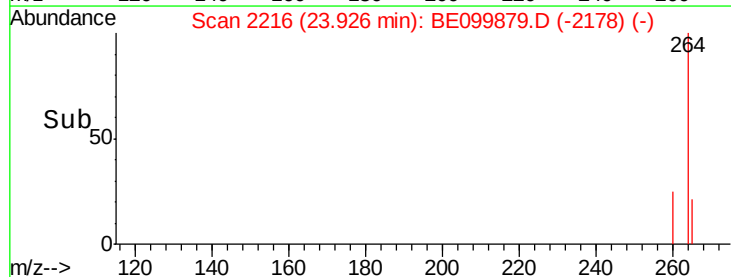
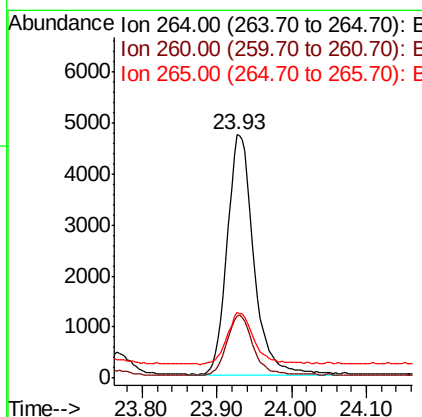
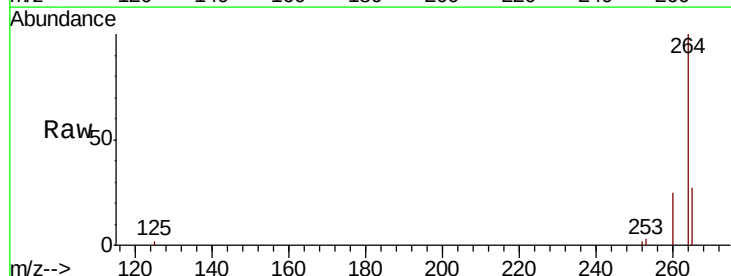
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303S-20190606

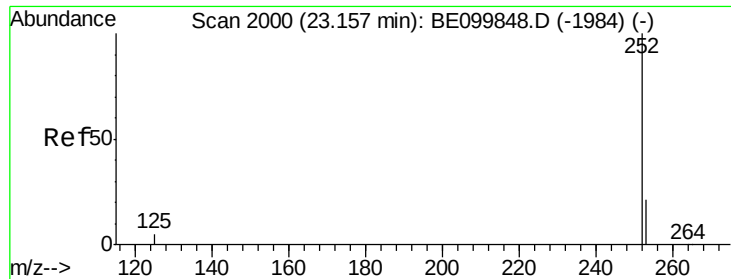
Tot Ion:149 Resp: 3377
 Ion Ratio Lower Upper
 149 100
 167 8.6 6.0 9.0
 279 1.8 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BE099879.D
 Acq: 8 Jun 2019 10:21

Tgt Ion:264 Resp: 11658
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 27.0 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BE099879.D

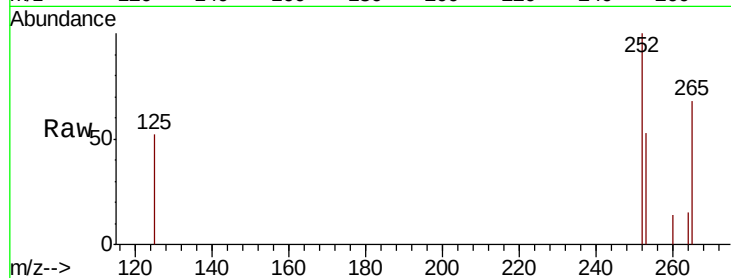
Acq: 8 Jun 2019 10:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303S-20190606



Tot Ion:	252	Resp:	907
Ion	Ratio	Lower	Upper
252	100		
253	53.5	18.9	28.3#
125	51.6	7.6	11.4#

