

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100907.D
 Acq On : 14 Dec 2019 4:26
 Operator : JU
 Sample : K6251-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW203D-20191207

Quant Time: Dec 14 05:52:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

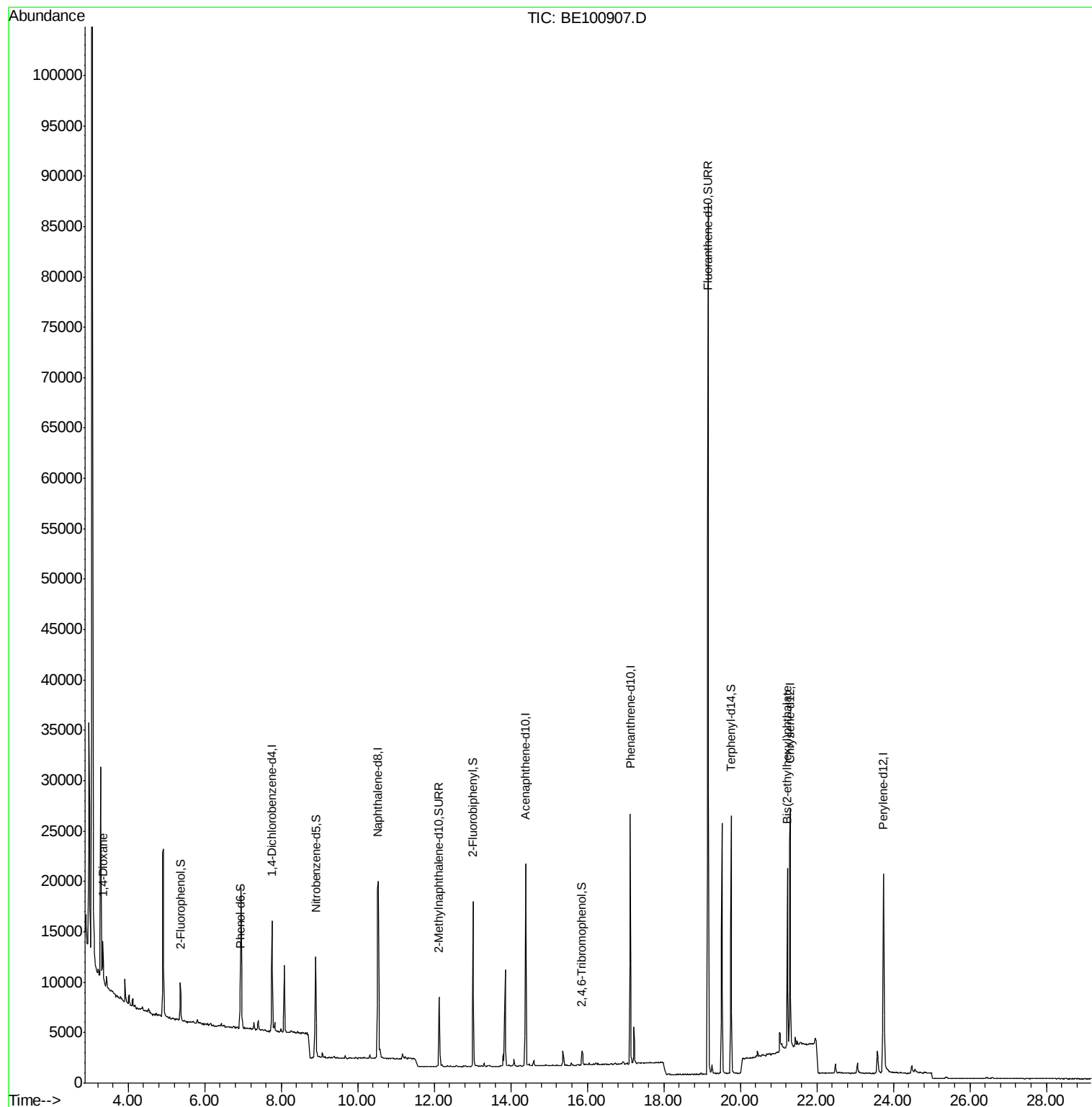
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4856	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22248	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12927	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31356	0.40	ng	0.00
27) Chrysene-d12	21.31	240	26550	0.40	ng	0.00
34) Perylene-d12	23.74	264	30420	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1793	0.16	ng	0.00
5) Phenol-d6	6.93	99	1820	0.10	ng	0.00
8) Nitrobenzene-d5	8.90	82	4550	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	10588	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	831	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	14519	0.28	ng	0.00
25) Fluoranthene-d10	19.16	212	115375	0.31	ng	0.00
29) Terphenyl-d14	19.76	244	21624	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	2575	0.291	ng	Qvalue # 39
32) Bis(2-ethylhexyl)phthalate	21.23	149	19481	0.350	ng	98

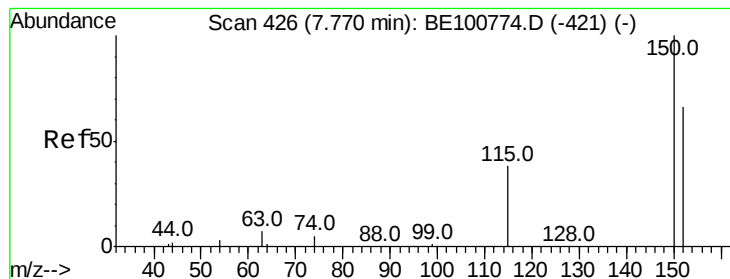
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.00 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

Instrument :

BNA_E

ClientSampleId :

MW203D-20191207

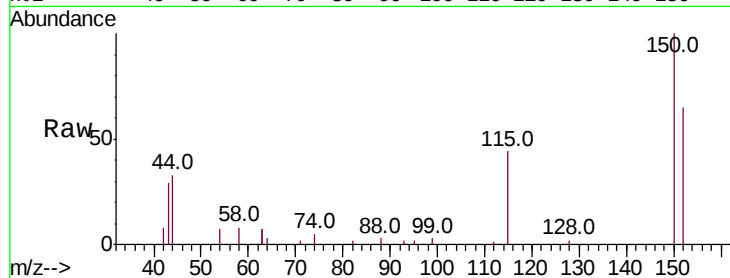
Tot Ion:152 Resp: 4856

Ion Ratio Lower Upper

152 100

150 154.6 125.5 188.3

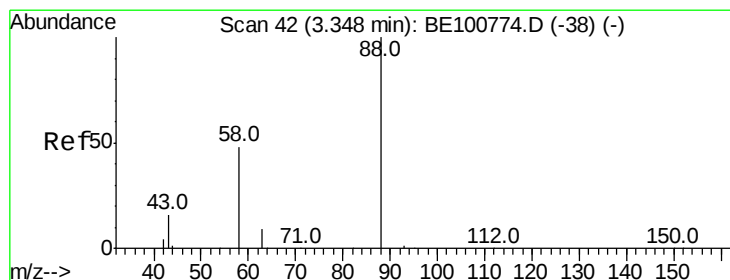
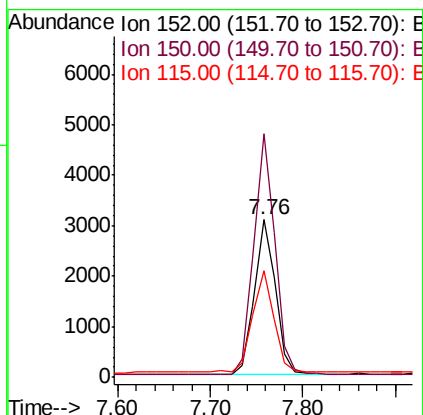
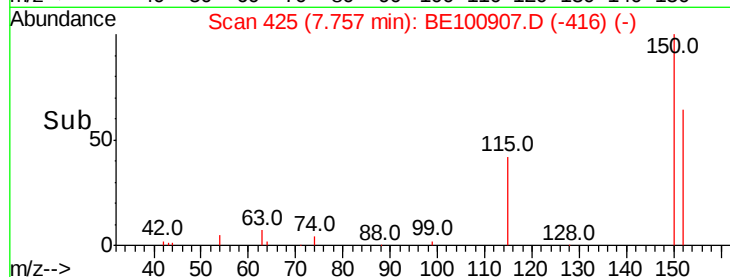
115 67.9 55.7 83.5



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: 0.291 ng

RT: 3.33 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

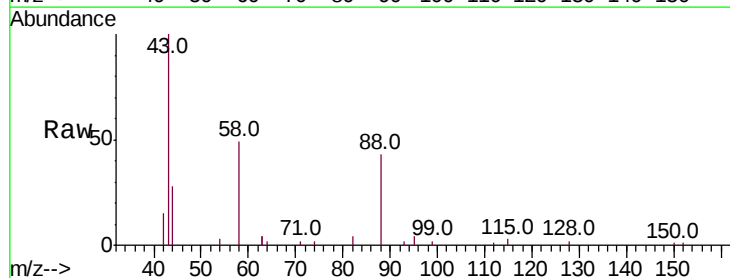
Tgt Ion: 88 Resp: 2575

Ion Ratio Lower Upper

88 100

58 92.5 52.3 78.5#

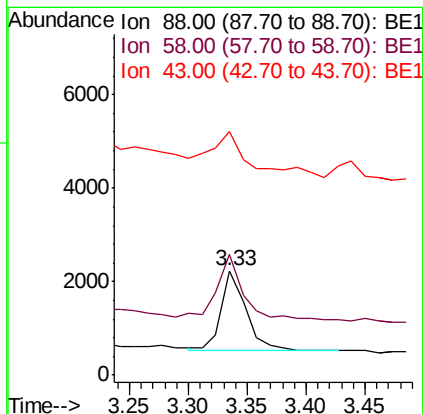
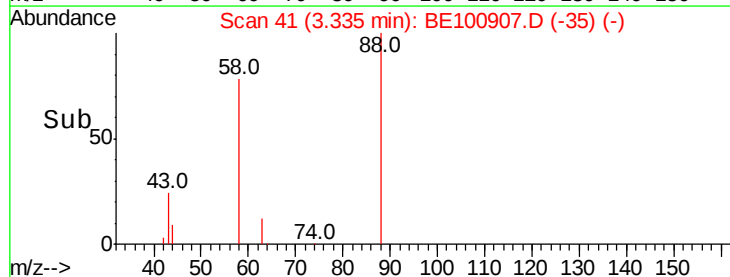
43 94.1 23.5 35.3#

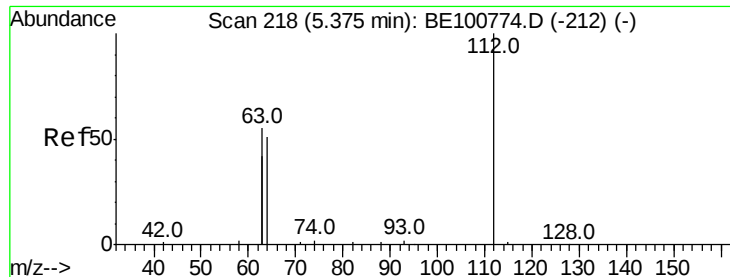


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

Instrument :

BNA_E

ClientSampleId :

MW203D-20191207

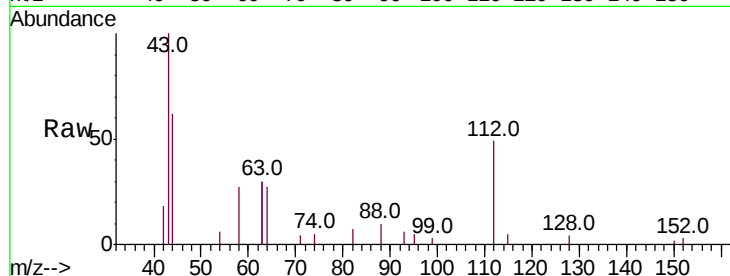
Tot Ion:112 Resp: 1793

Ion Ratio Lower Upper

112 100

64 74.5 54.5 81.7

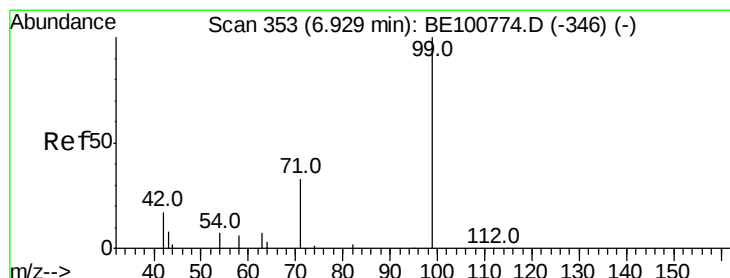
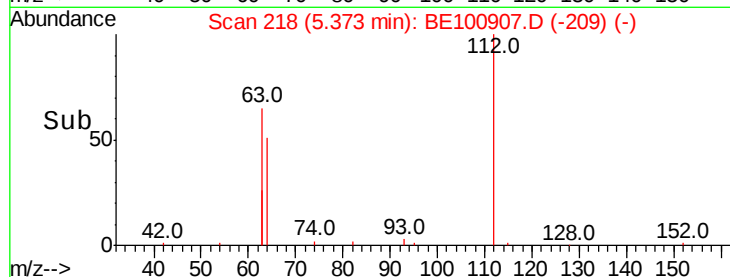
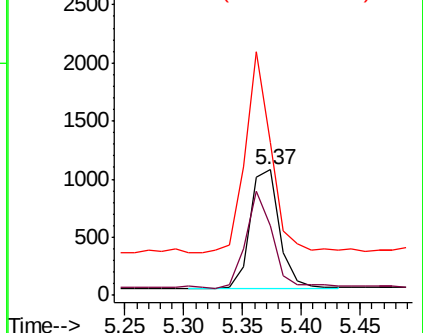
63 149.9 116.1 174.1



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: 0.105 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

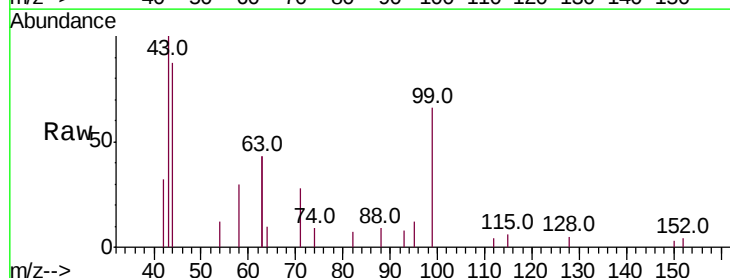
Tgt Ion: 99 Resp: 1820

Ion Ratio Lower Upper

99 100

42 61.3 18.2 27.2#

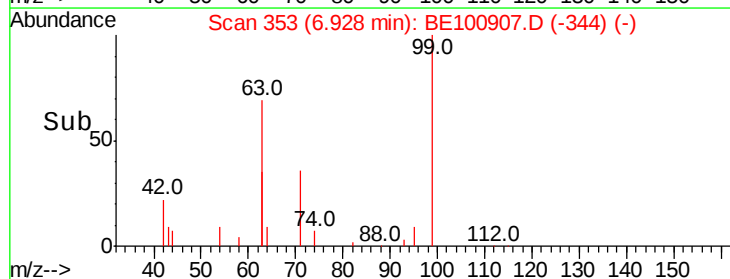
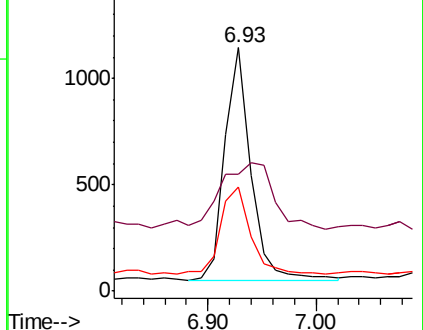
71 43.6 29.1 43.7

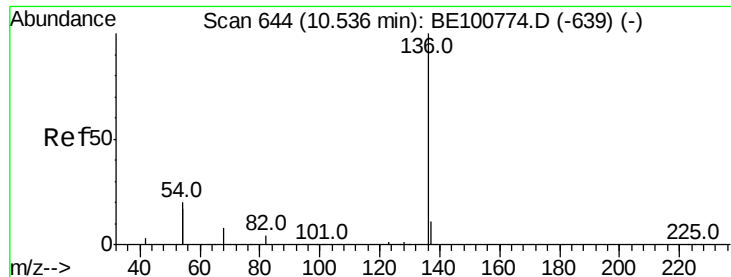


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.54 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

Instrument :

BNA_E

ClientSampleId :

MW203D-20191207

Tot Ion:136 Resp: 22248

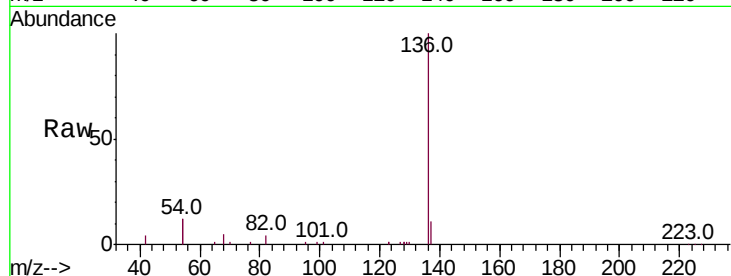
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 23.1 18.9 28.3

68 5.4 4.6 6.8

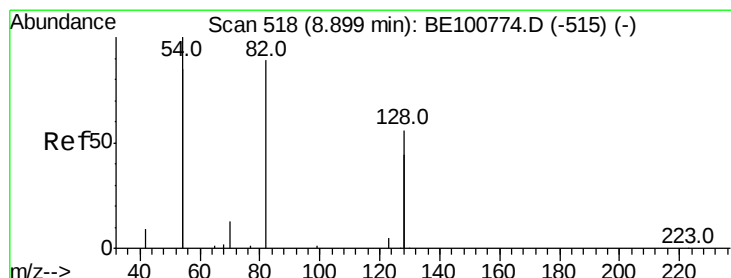
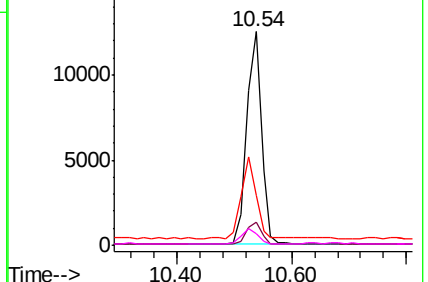
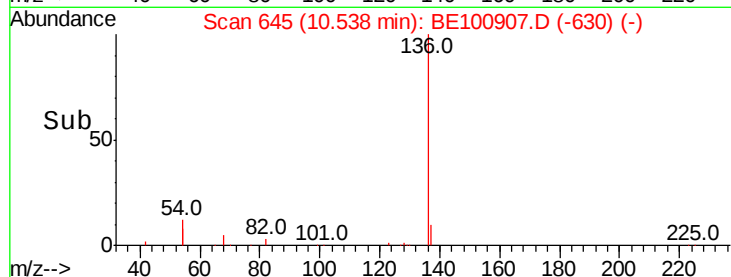


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.429 ng

RT: 8.90 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

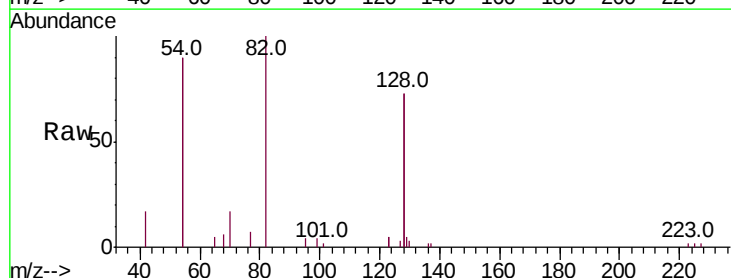
Tgt Ion: 82 Resp: 4550

Ion Ratio Lower Upper

82 100

128 146.4 113.5 170.3

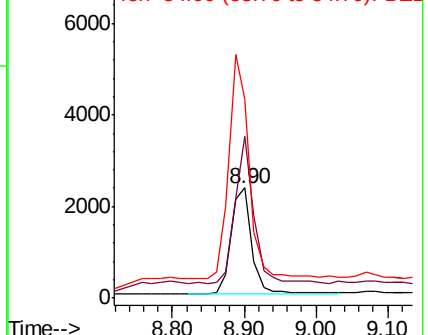
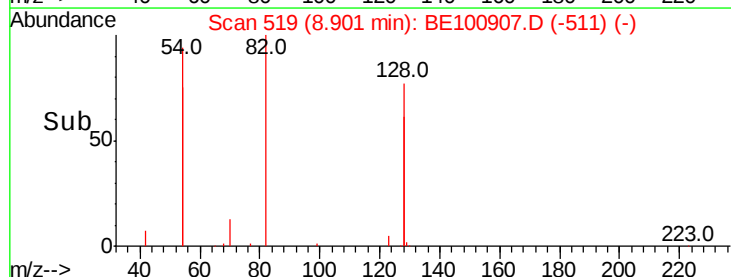
54 180.5 138.9 208.3

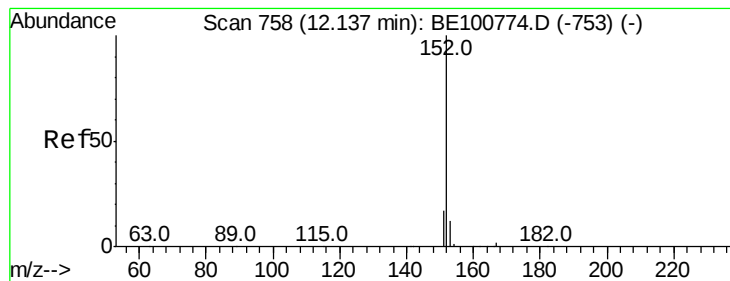


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.12 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

Instrument :

BNA_E

ClientSampleId :

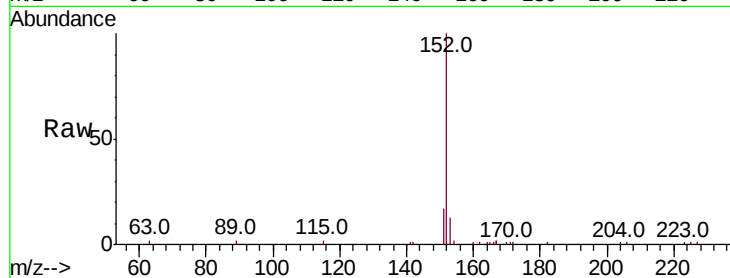
MW203D-20191207

Tot Ion:152 Resp: 10588

Ion Ratio Lower Upper

152 100

151 20.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

6000

5000

4000

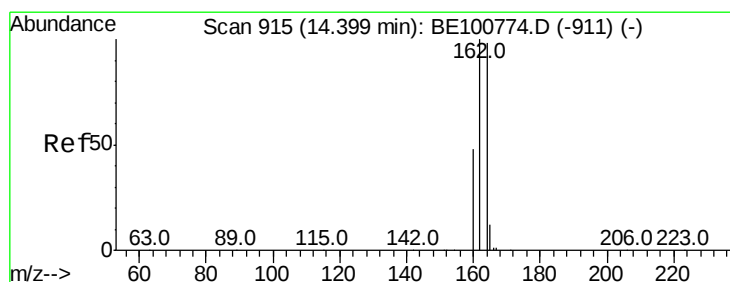
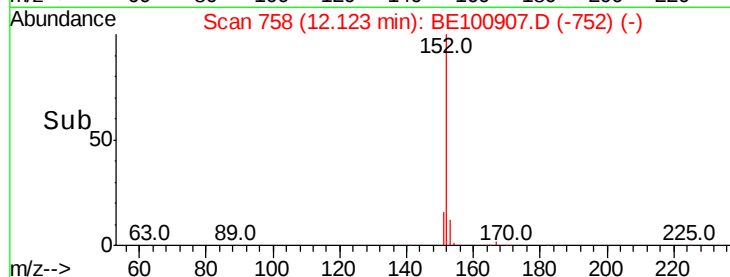
3000

2000

1000

0

Time--> 12.00 12.10 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100907.D

Acq: 14 Dec 2019 4:26

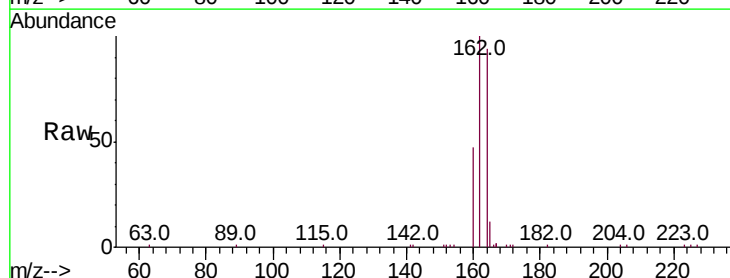
Tgt Ion:164 Resp: 12927

Ion Ratio Lower Upper

164 100

162 106.5 86.0 129.0

160 50.6 42.3 63.5



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

14.39

10000

8000

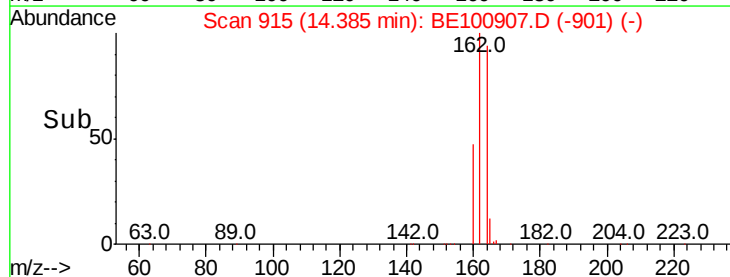
6000

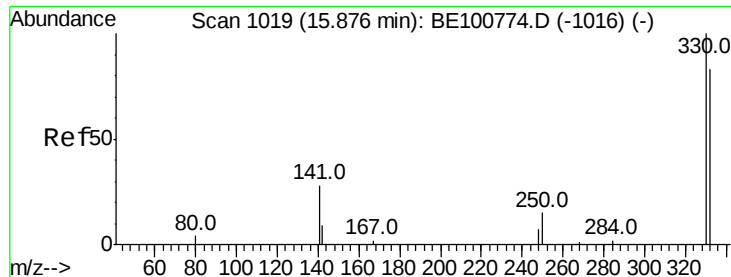
4000

2000

0

Time--> 14.30 14.40 14.50 14.60

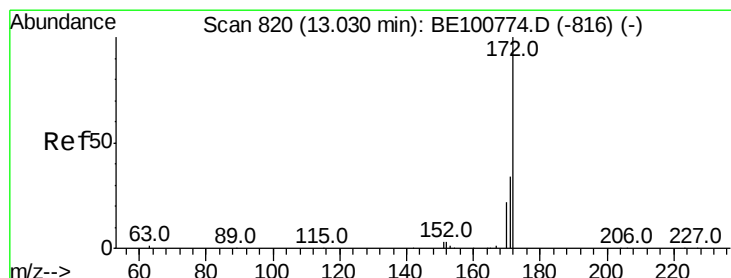
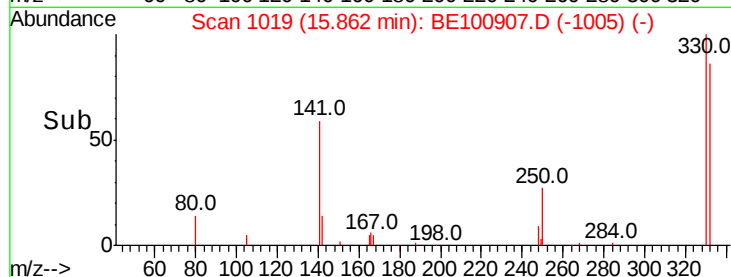
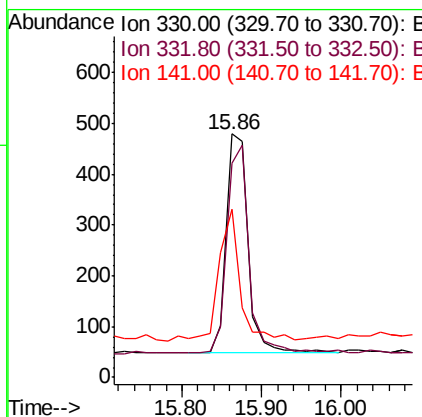
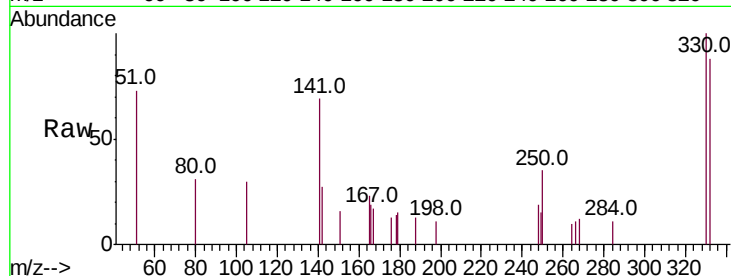




#14
 2,4,6-Tribromophenol
 Concen: 0.578 ng
 RT: 15.86 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BE100907.D
 Acq: 14 Dec 2019 4:26

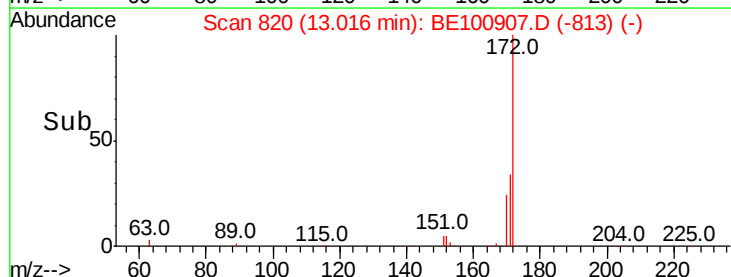
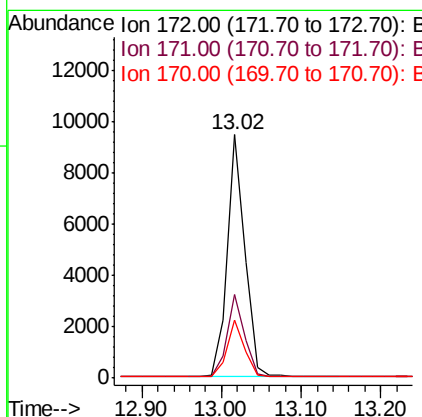
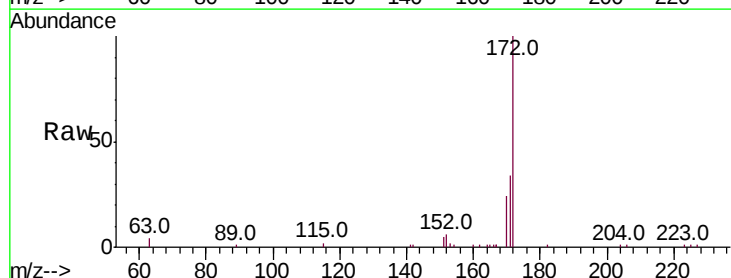
Instrument :
 BNA_E
 ClientSampleId :
 MW203D-20191207

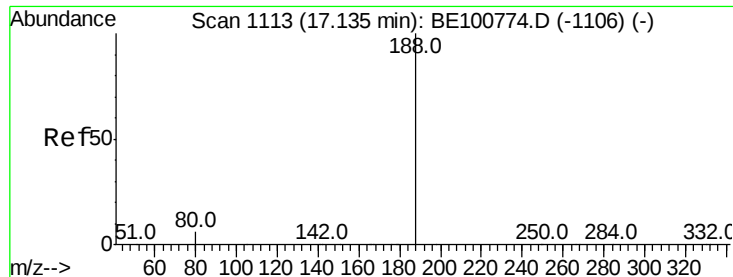
Tot Ion:330 Resp: 831
 Ion Ratio Lower Upper
 330 100
 332 95.9 74.1 111.1
 141 58.6 46.7 70.1



#15
 2-Fluorobiphenyl
 Concen: 0.283 ng
 RT: 13.02 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE100907.D
 Acq: 14 Dec 2019 4:26

Tgt Ion:172 Resp: 14519
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.2 42.4
 170 24.0 19.4 29.0

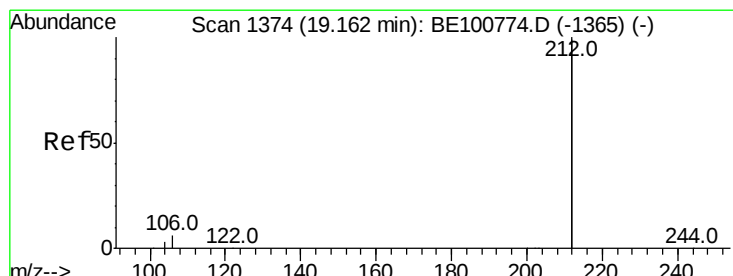
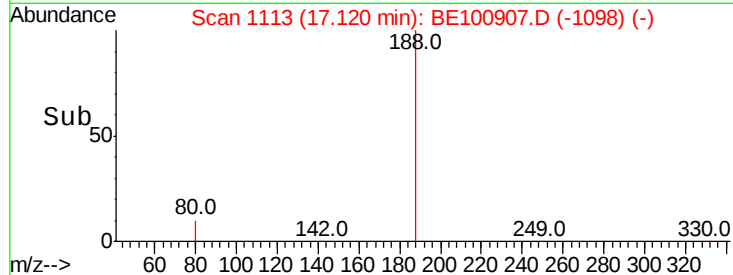
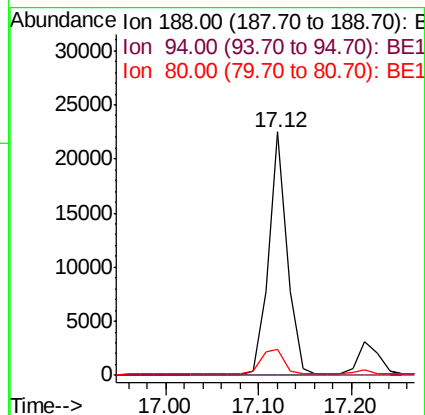
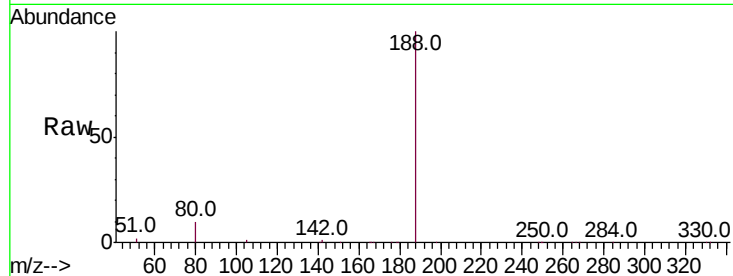




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE100907.D
Acq: 14 Dec 2019 4:26

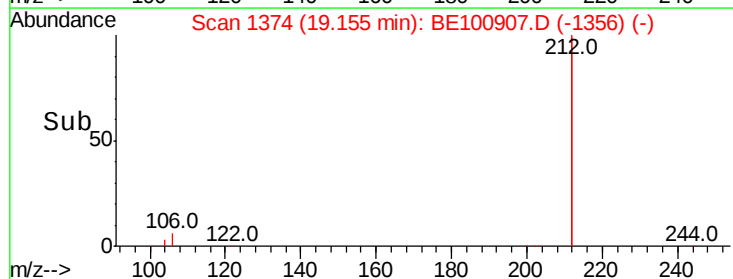
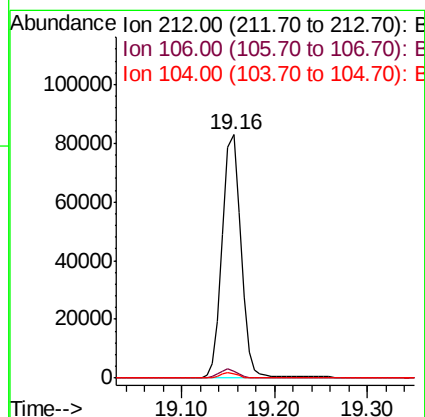
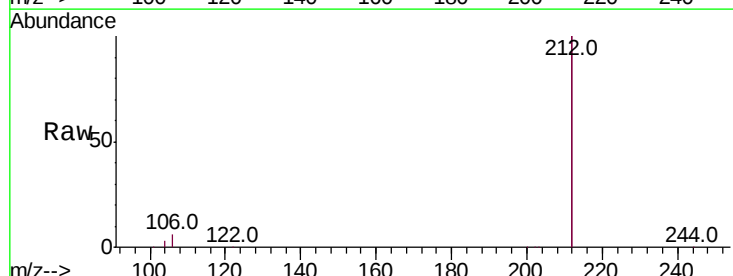
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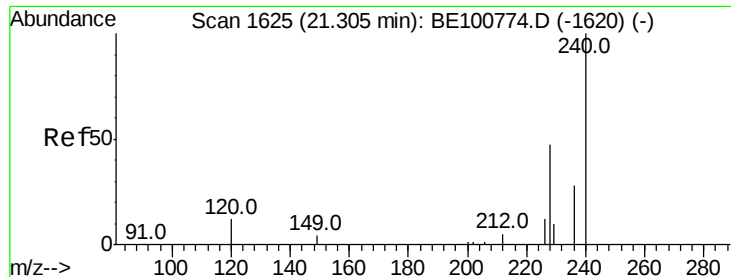
Tot Ion:188 Resp: 31356
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.9 11.9



#25
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BE100907.D
Acq: 14 Dec 2019 4:26

Tgt Ion:212 Resp: 115375
Ion Ratio Lower Upper
212 100
106 3.5 2.6 4.0
104 1.9 1.4 2.2

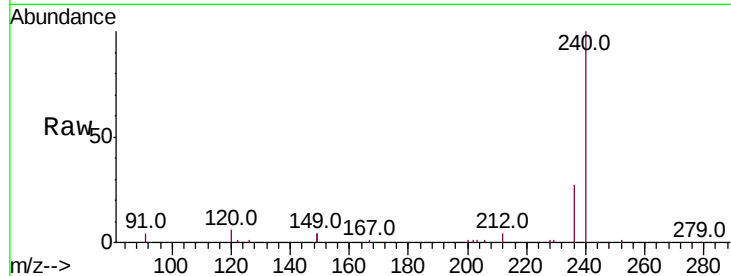




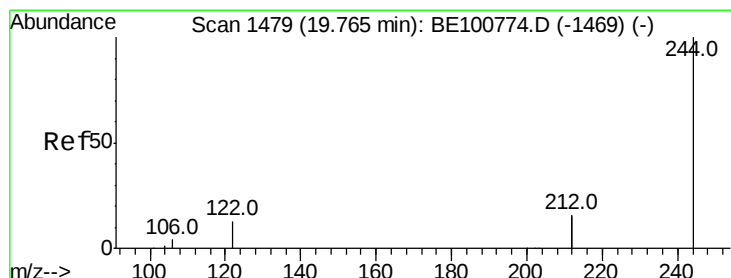
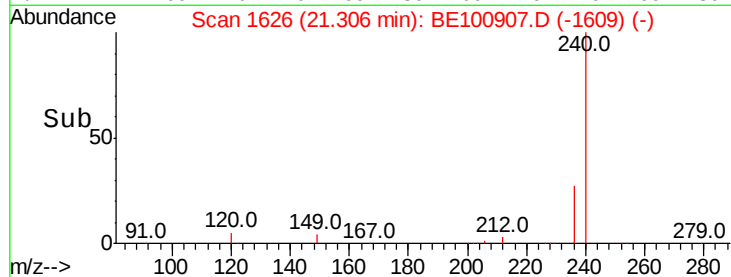
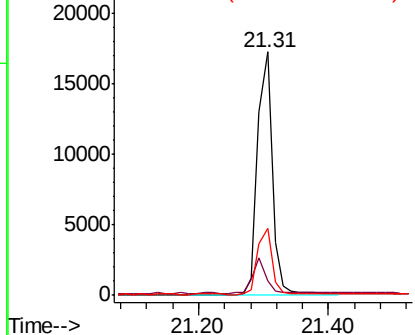
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE100907.D
 Acq: 14 Dec 2019 4:26

Instrument :
 BNA_E
 ClientSampleId :
 MW203D-20191207

Tot Ion:240 Resp: 26550
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.0 6.0#
 236 27.3 21.6 32.4

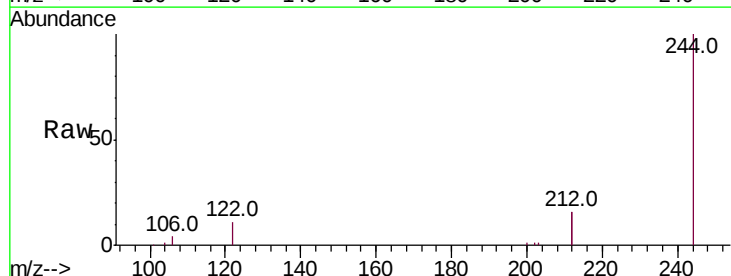


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

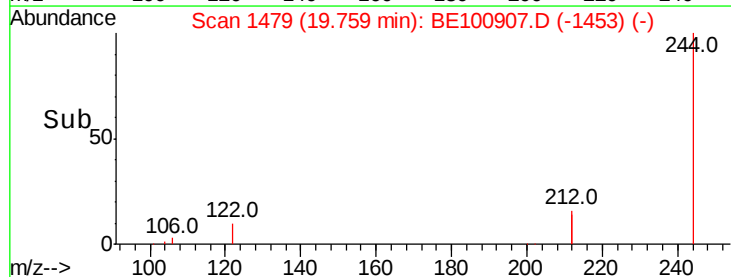
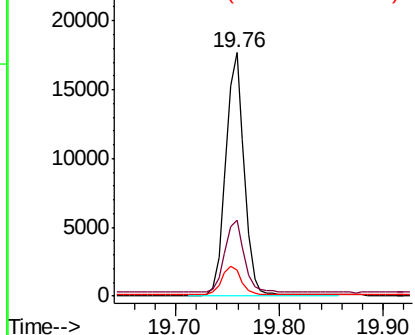


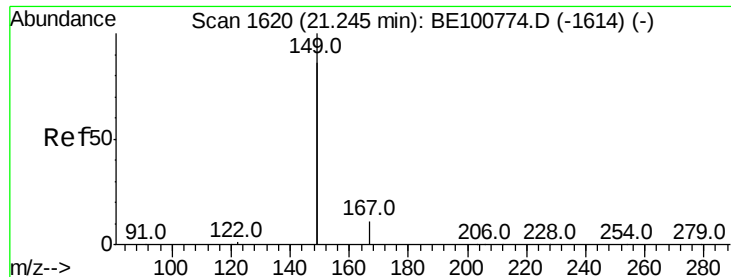
#29
 Terphenyl-d14
 Concen: 0.340 ng
 RT: 19.76 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BE100907.D
 Acq: 14 Dec 2019 4:26

Tgt Ion:244 Resp: 21624
 Ion Ratio Lower Upper
 244 100
 212 31.4 25.2 37.8
 122 10.7 8.9 13.3



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

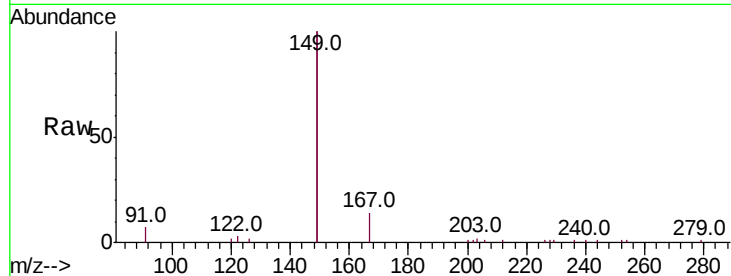




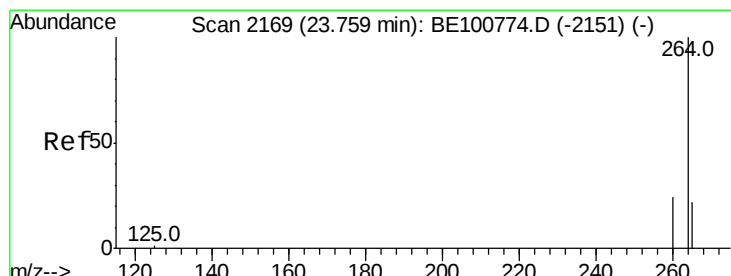
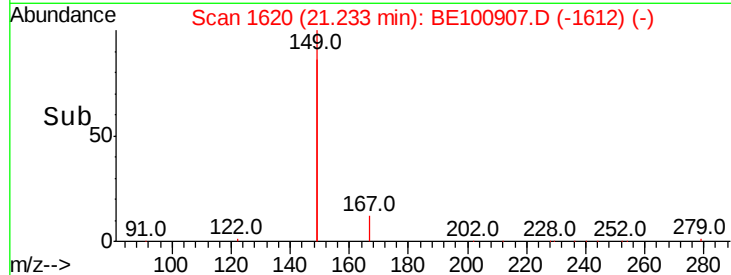
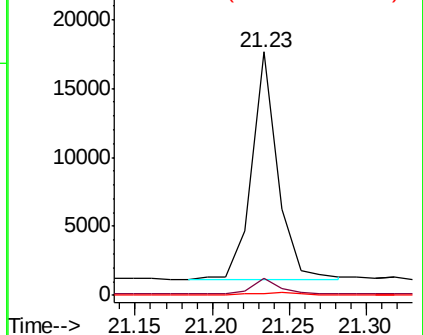
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.350 ng
 RT: 21.23 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100907.D
 Acq: 14 Dec 2019 4:26

Instrument :
 BNA_E
 ClientSampleId :
 MW203D-20191207

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.0	7.4
279	0.9	0.6	1.0

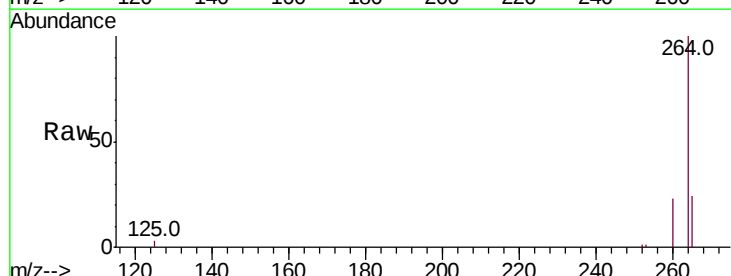


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BE100907.D
 Acq: 14 Dec 2019 4:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	24.0	20.1	30.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

