

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100923.D
 Acq On : 16 Dec 2019 17:00
 Operator : JU
 Sample : K6252-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 16 19:13:36 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

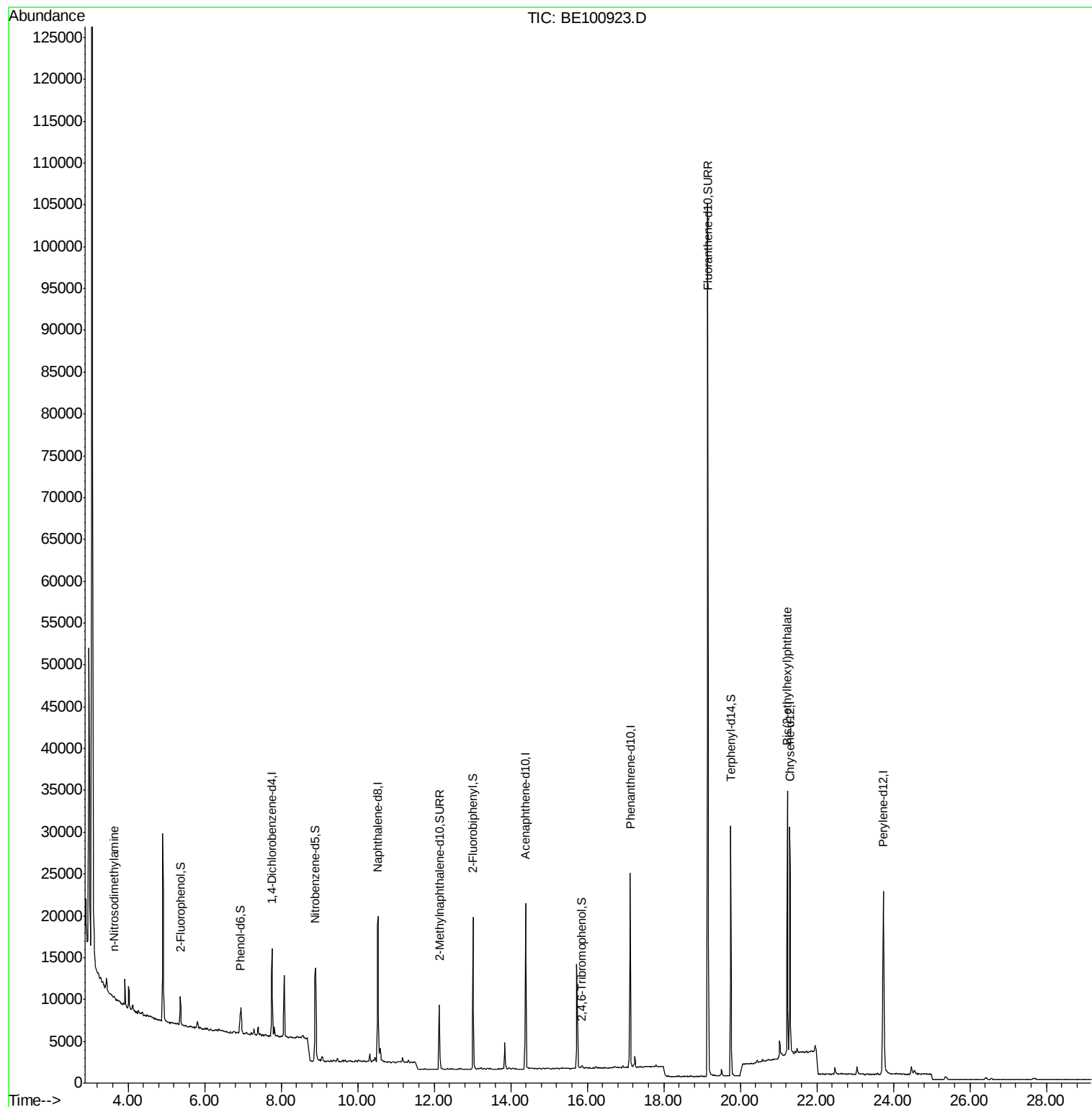
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4796	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21692	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12207	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31550	0.40	ng	0.00
27) Chrysene-d12	21.29	240	29507	0.40	ng	-0.01
34) Perylene-d12	23.74	264	33325	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1660	0.15	ng	-0.01
5) Phenol-d6	6.93	99	1586	0.09	ng	0.00
8) Nitrobenzene-d5	8.90	82	5097	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	11558	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	195	0.14	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	15438	0.32	ng	0.00
25) Fluoranthene-d10	19.15	212	132120	0.35	ng	0.00
29) Terphenyl-d14	19.75	244	25247	0.36	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.62	42	225	0.032	ng	Qvalue # 1
32) Bis(2-ethylhexyl)phthalate	21.23	149	33918	0.553	ng	99

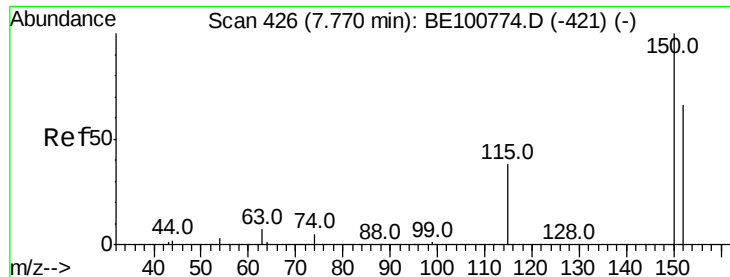
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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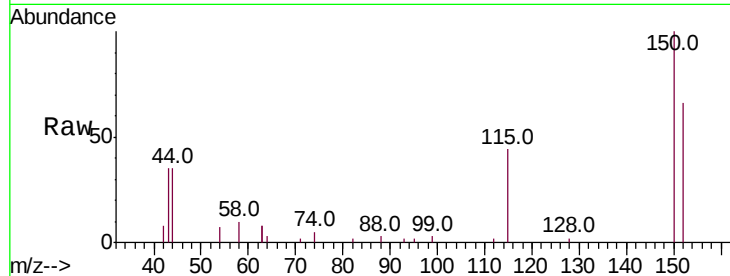


#1

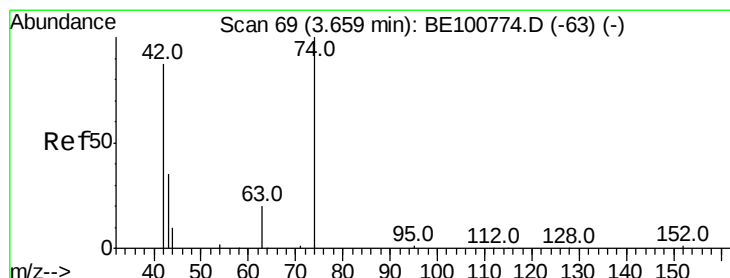
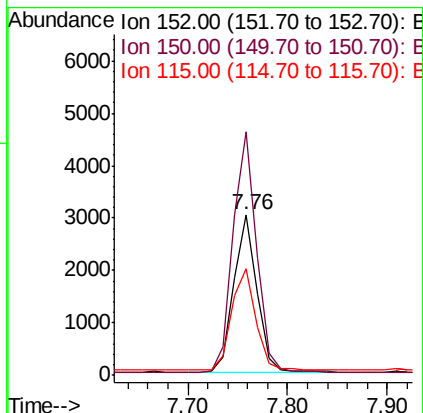
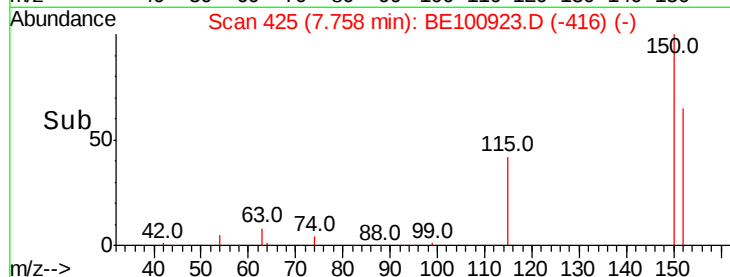
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100923.D
Acq: 16 Dec 2019 17:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4796
Ion Ratio Lower Upper
152 100
150 151.7 125.5 188.3
115 66.2 55.7 83.5



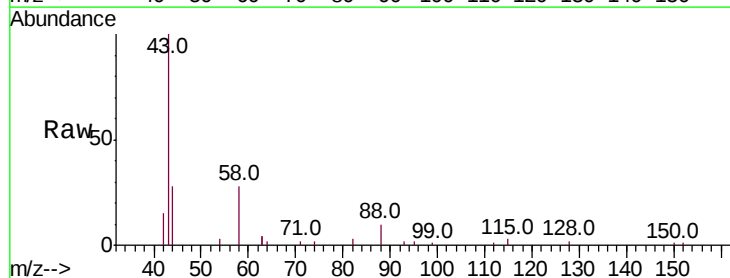
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



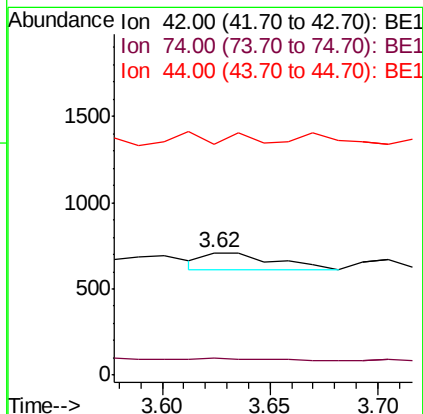
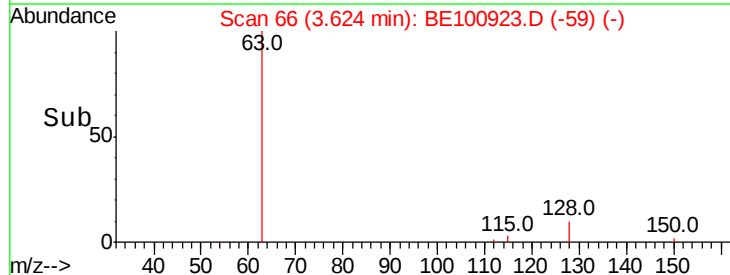
#3

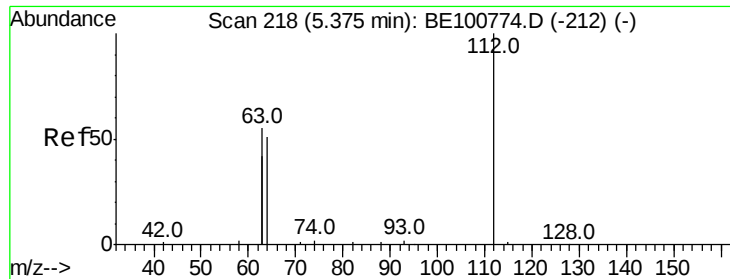
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE100923.D
Acq: 16 Dec 2019 17:00

Tgt Ion: 42 Resp: 225
Ion Ratio Lower Upper
42 100
74 0.0 90.3 135.5#
44 71.1 9.0 13.4#



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: 0.146 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

Instrument :

BNA_E

ClientSampled :

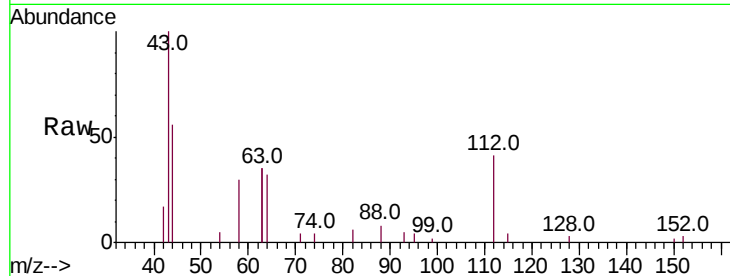
Tot Ion:112 Resp: 1660

Ion Ratio Lower Upper

112 100

64 70.4 54.5 81.7

63 141.7 116.1 174.1



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

2500

2000

1500

1000

500

0

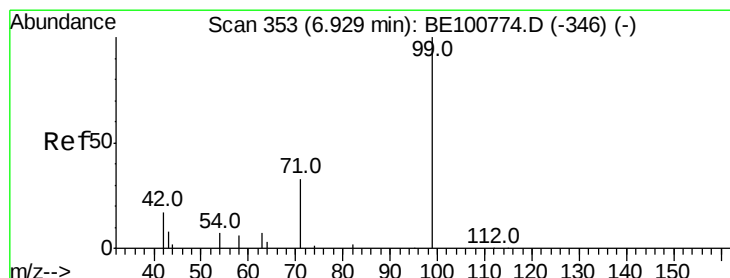
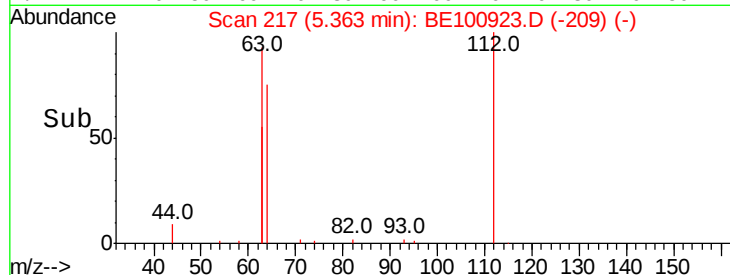
5.30

5.35

5.40

5.45

Time-->



#5

Phenol-d6

Concen: 0.092 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

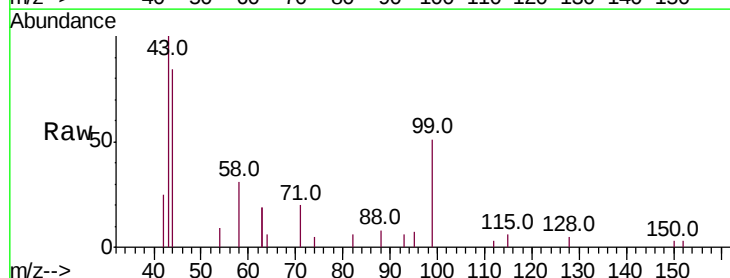
Tgt Ion: 99 Resp: 1586

Ion Ratio Lower Upper

99 100

42 33.5 18.2 27.2#

71 41.4 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

1200

1000

800

600

400

200

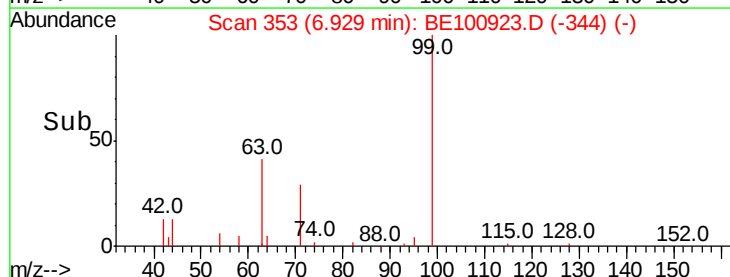
0

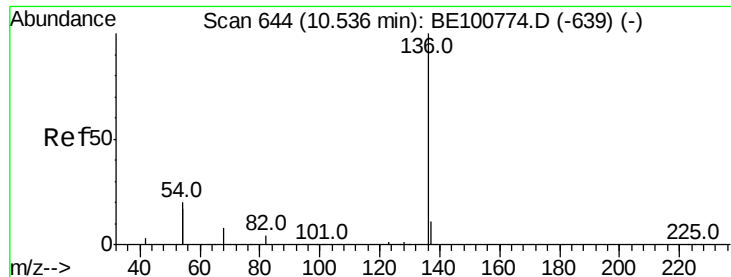
6.80

6.90

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 21692

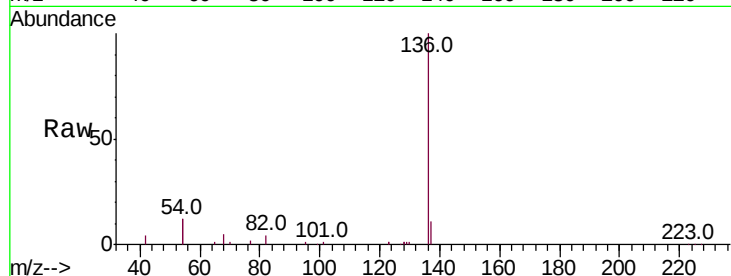
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 23.6 18.9 28.3

68 5.4 4.6 6.8

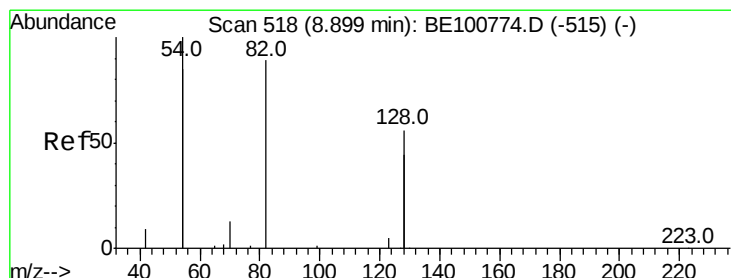
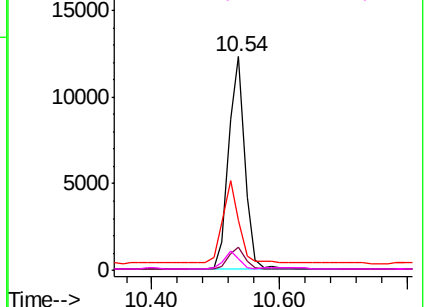
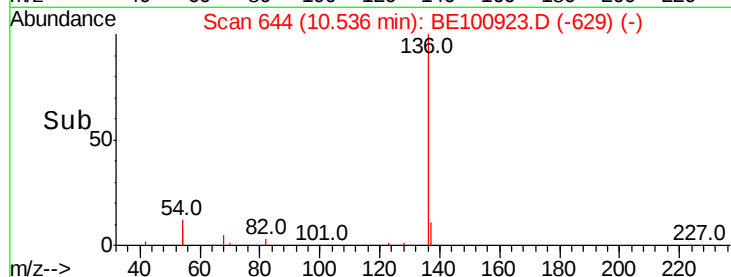


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.493 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

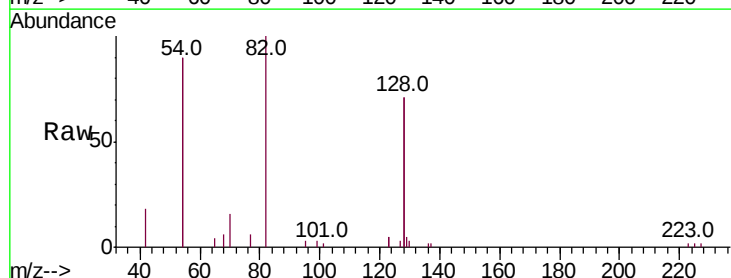
Tgt Ion: 82 Resp: 5097

Ion Ratio Lower Upper

82 100

128 141.3 113.5 170.3

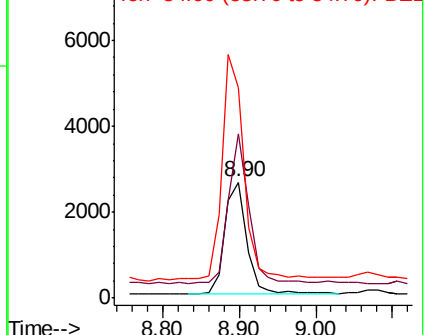
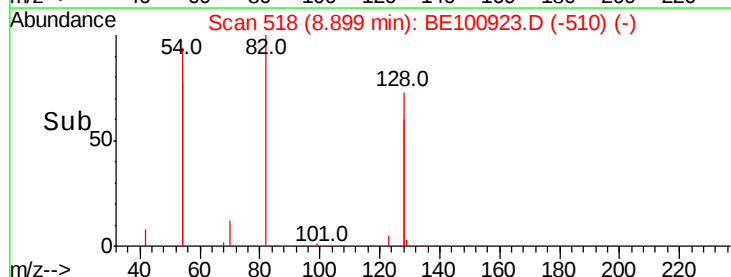
54 180.9 138.9 208.3

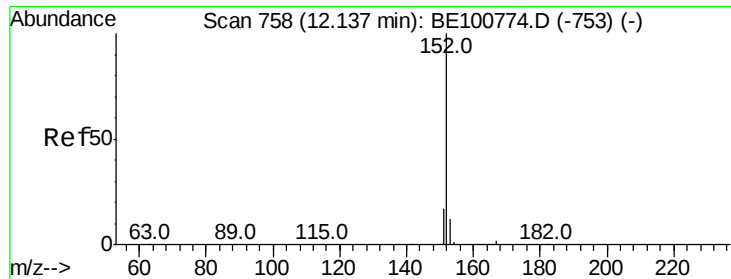


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

Instrument :

BNA_E

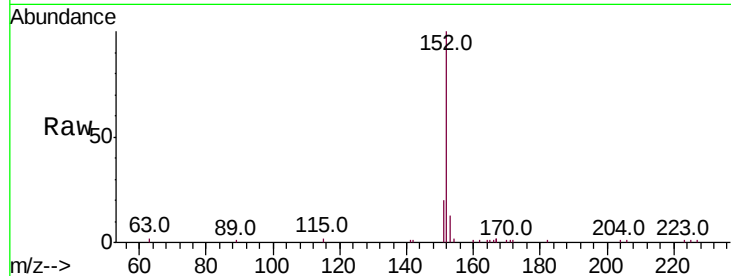
ClientSampleId :

Tot Ion:152 Resp: 11558

Ion Ratio Lower Upper

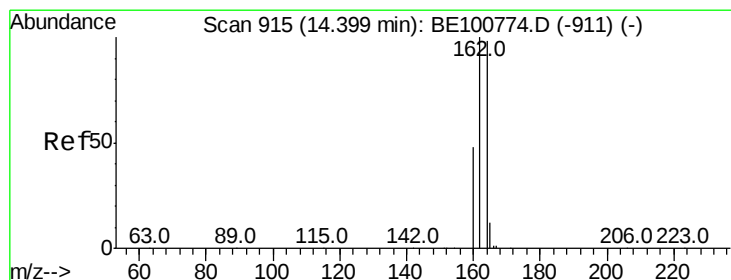
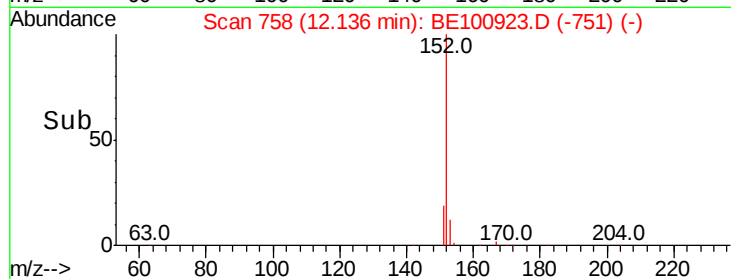
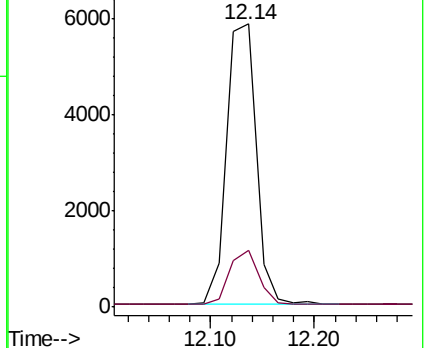
152 100

151 19.4 15.1 22.7



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: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

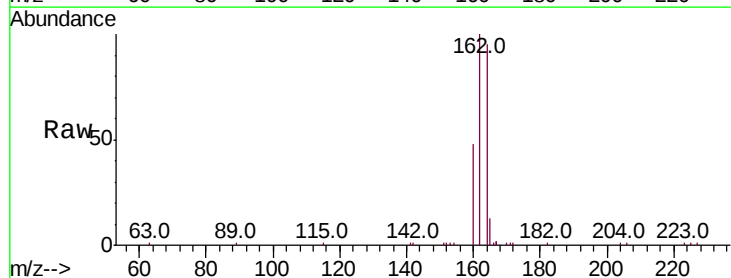
Tgt Ion:164 Resp: 12207

Ion Ratio Lower Upper

164 100

162 104.9 86.0 129.0

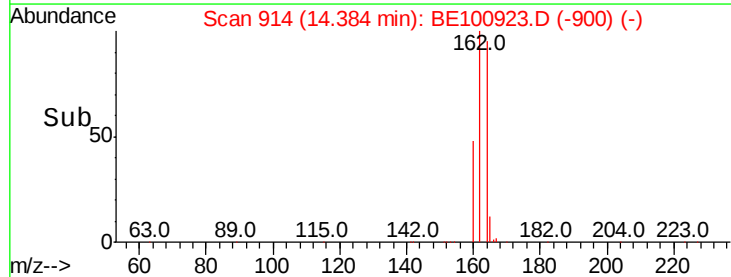
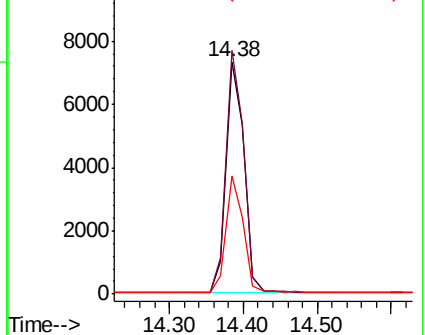
160 50.9 42.3 63.5

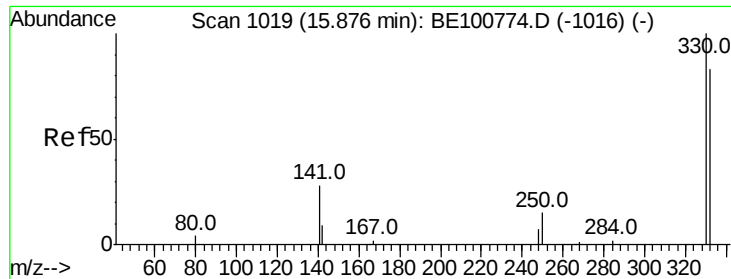


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

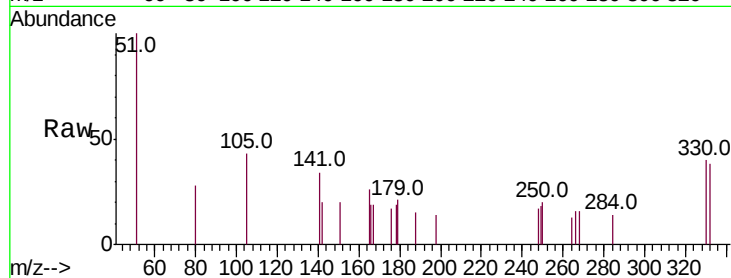




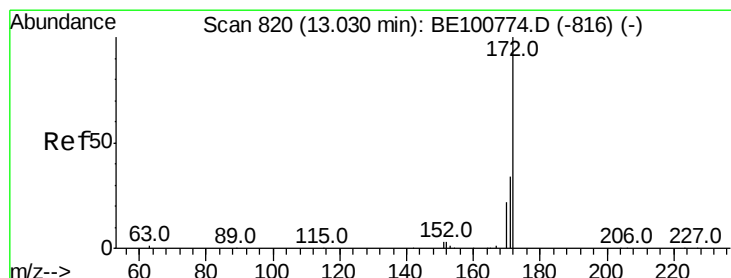
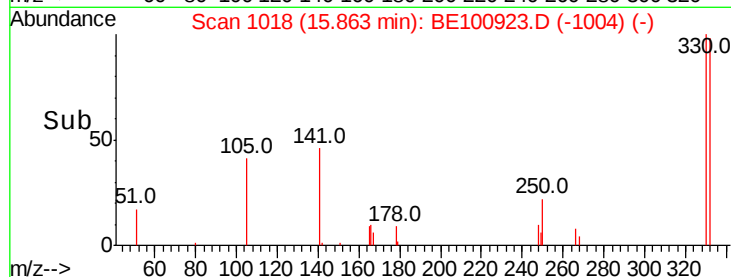
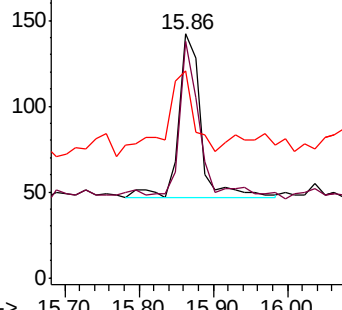
#14
 2,4,6-Tribromophenol
 Concen: 0.144 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100923.D
 Acq: 16 Dec 2019 17:00

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 195
 Ion Ratio Lower Upper
 330 100
 332 77.9 74.1 111.1
 141 68.7 46.7 70.1

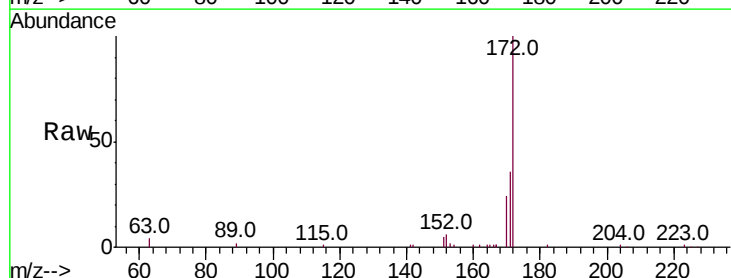


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

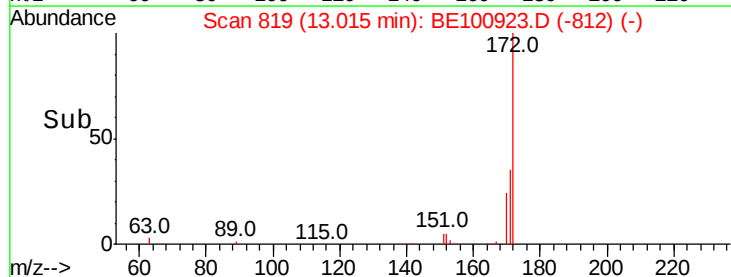
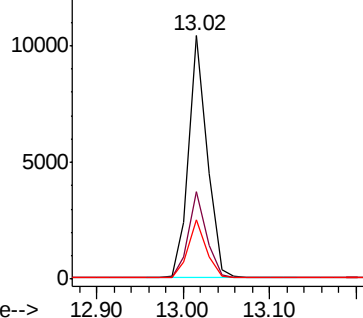


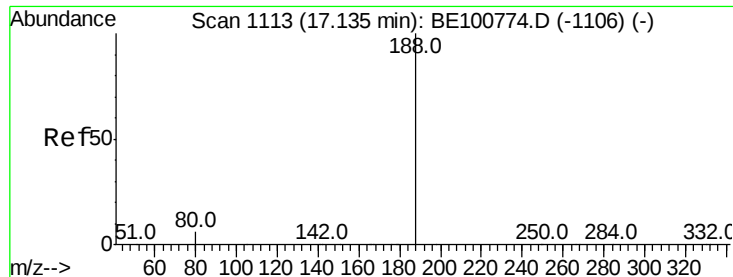
#15
 2-Fluorobiphenyl
 Concen: 0.319 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100923.D
 Acq: 16 Dec 2019 17:00

Tgt Ion:172 Resp: 15438
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.4
 170 24.3 19.4 29.0



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

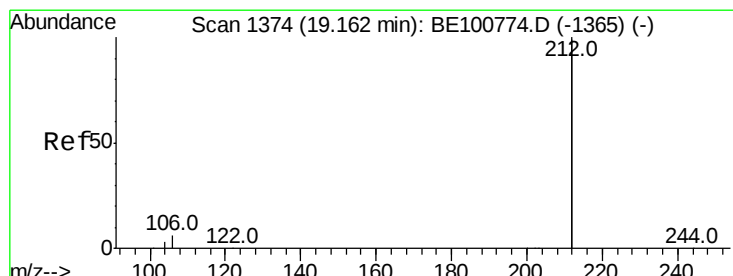
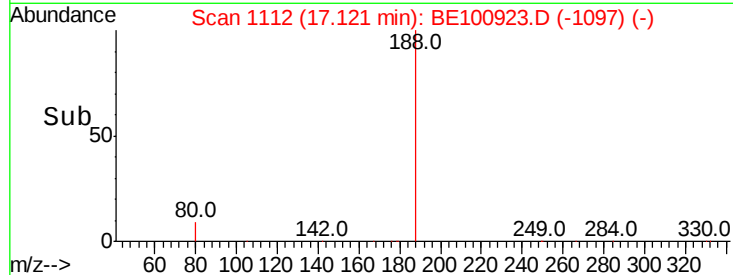
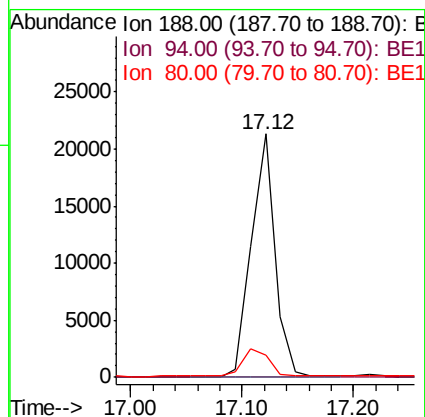
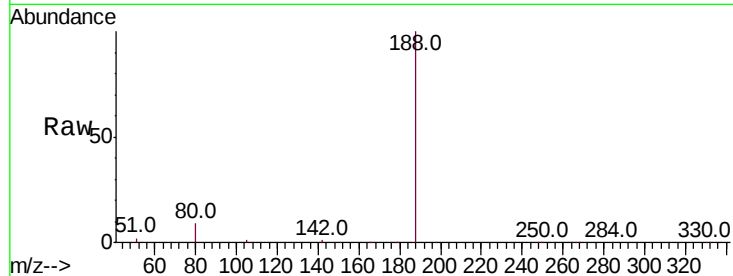




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100923.D
Acq: 16 Dec 2019 17:00

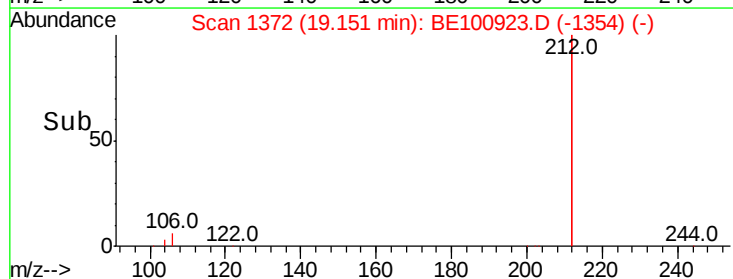
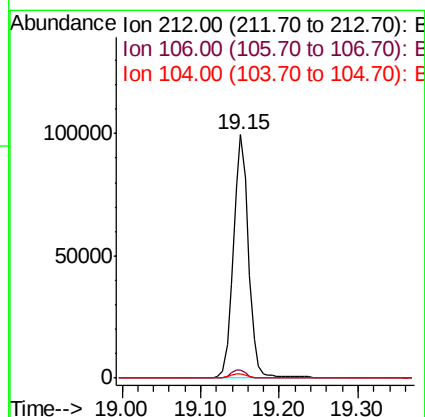
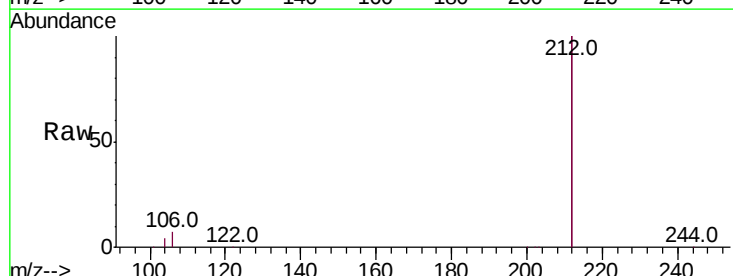
Instrument :
BNA_E
ClientSampleId :

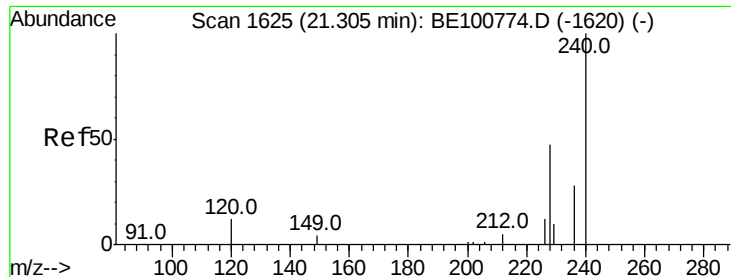
Tot Ion:188 Resp: 31550
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.9 11.9



#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE100923.D
Acq: 16 Dec 2019 17:00

Tgt Ion:212 Resp: 132120
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 1.9 1.4 2.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

Instrument :

BNA_E

ClientSampleId :

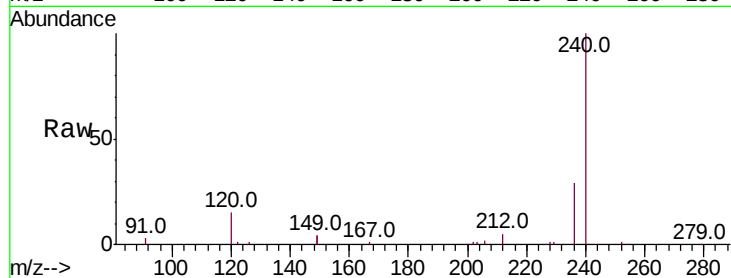
Tot Ion:240 Resp: 29507

Ion Ratio Lower Upper

240 100

120 15.1 4.0 6.0#

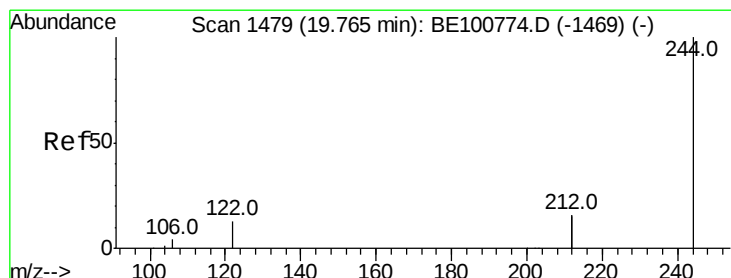
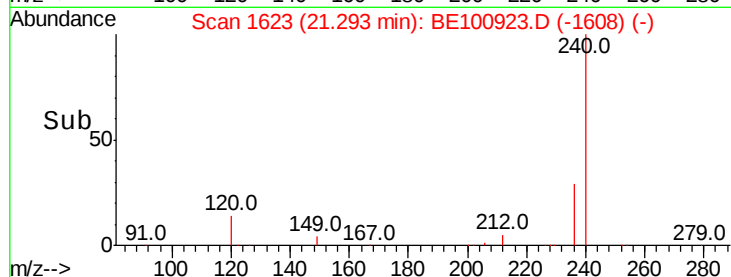
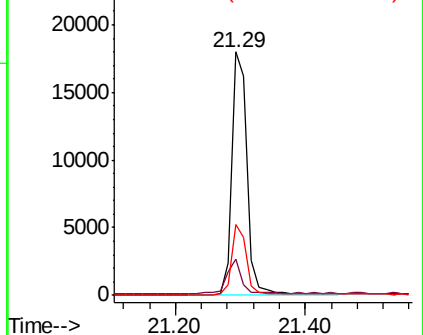
236 29.2 21.6 32.4



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: 0.357 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE100923.D

Acq: 16 Dec 2019 17:00

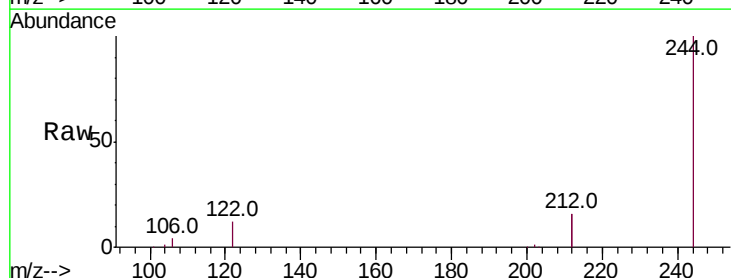
Tgt Ion:244 Resp: 25247

Ion Ratio Lower Upper

244 100

212 31.3 25.2 37.8

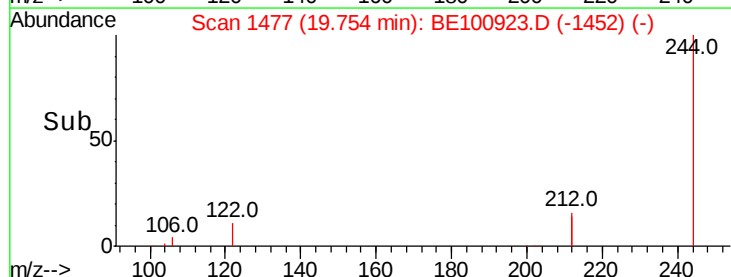
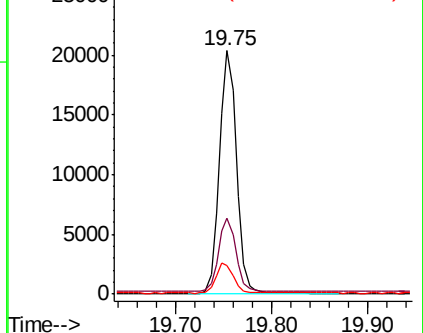
122 11.8 8.9 13.3

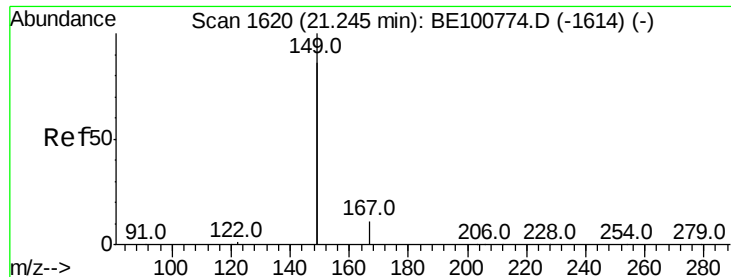


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

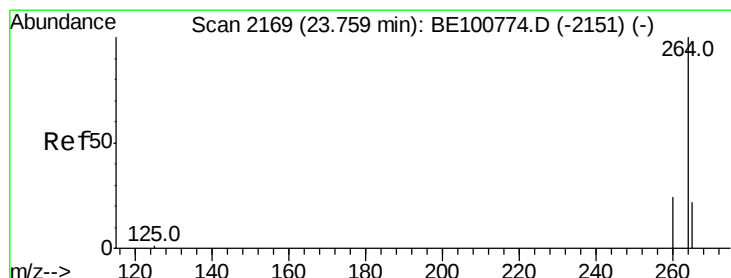
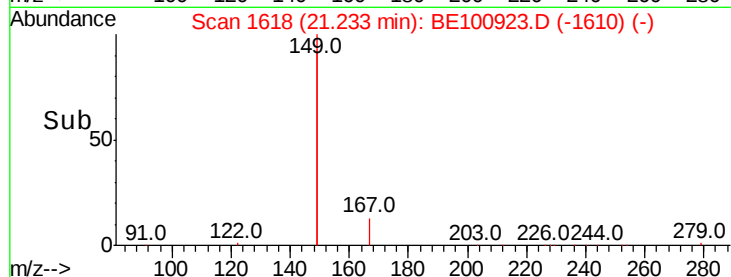
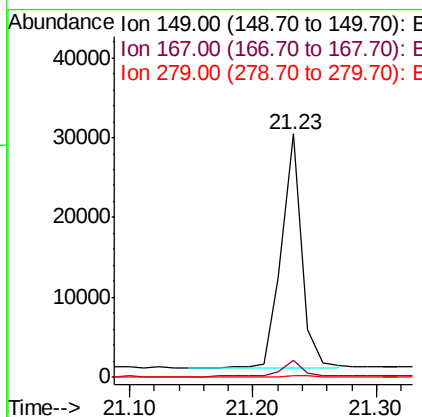
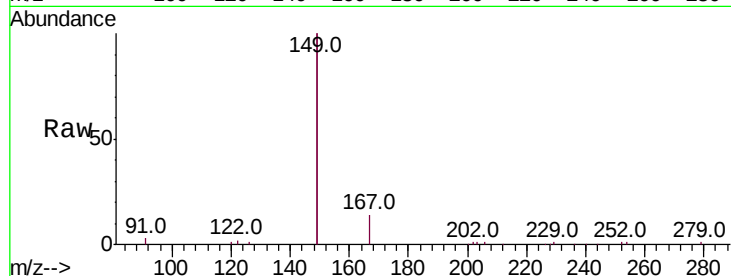




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.553 ng
 RT: 21.23 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BE100923.D
 Acq: 16 Dec 2019 17:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 33918
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.0 7.4
 279 0.8 0.6 1.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BE100923.D
 Acq: 16 Dec 2019 17:00

Tgt Ion:264 Resp: 33325
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 24.1 20.1 30.1

