

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100836.D
 Acq On : 11 Dec 2019 7:17
 Operator : JU
 Sample : K6185-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20191204

Quant Time: Dec 11 10:32:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

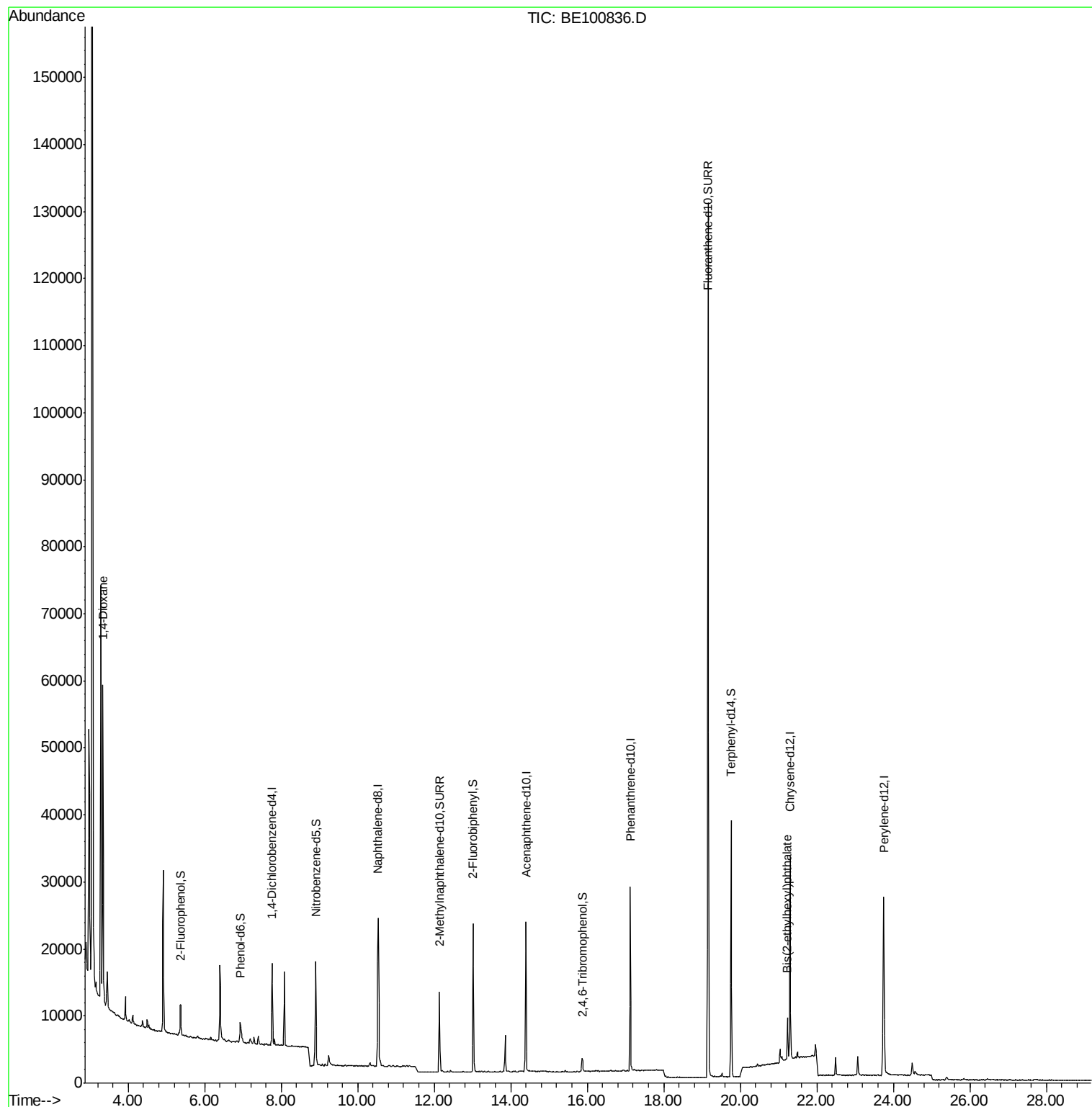
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5393	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	25149	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14548	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	34778	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	30206	0.40	ng	0.00
34) Perylene-d12	23.75	264	37064	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2583	0.20	ng	0.00
5) Phenol-d6	6.93	99	2532	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6453	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15611	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1187	0.73	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	21562	0.37	ng	-0.01
25) Fluoranthene-d10	19.16	212	161814	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	31188	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	27455	2.792	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.23	149	8214	0.083	ng	# 95

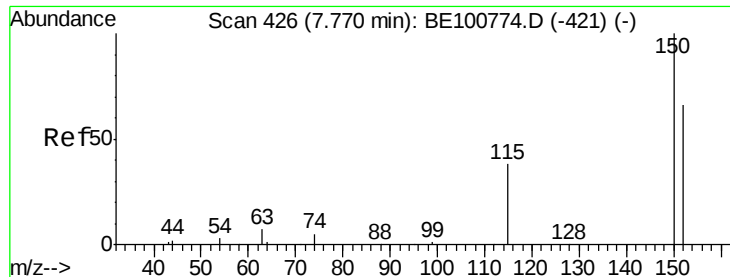
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

Instrument :

BNA_E

ClientSampleId :

DUP02-20191204

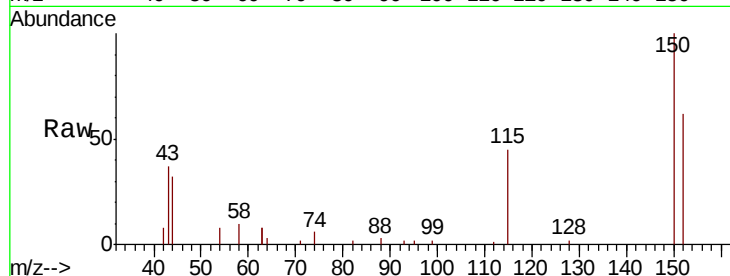
Tot Ion:152 Resp: 5393

Ion Ratio Lower Upper

152 100

150 161.2 120.6 181.0

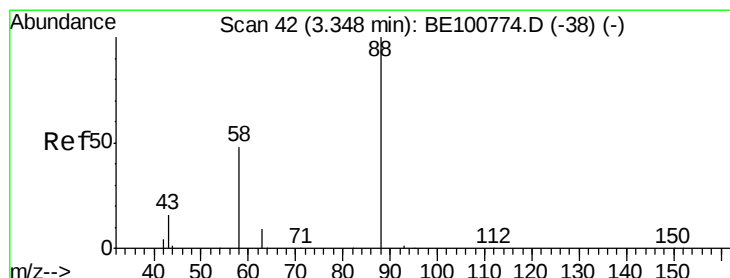
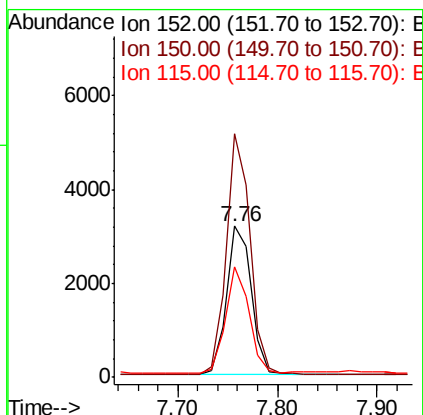
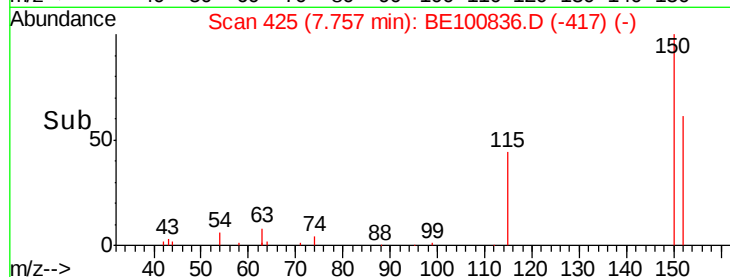
115 73.0 47.4 71.2#



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: 2.792 ng

RT: 3.33 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

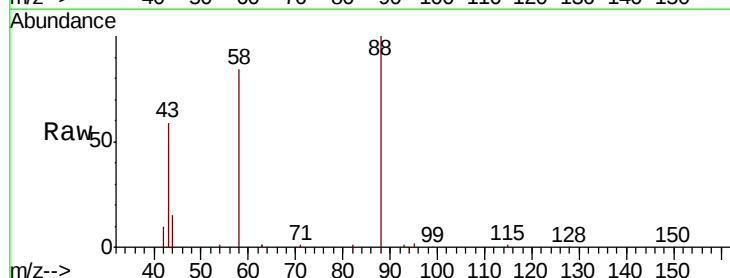
Tgt Ion: 88 Resp: 27455

Ion Ratio Lower Upper

88 100

58 73.7 52.5 78.7

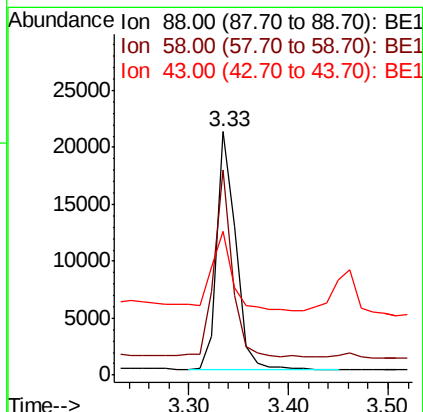
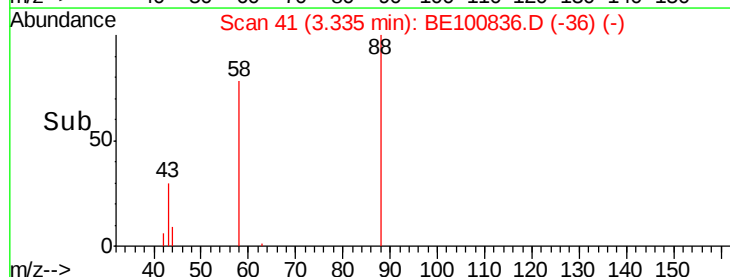
43 35.4 23.0 34.6#

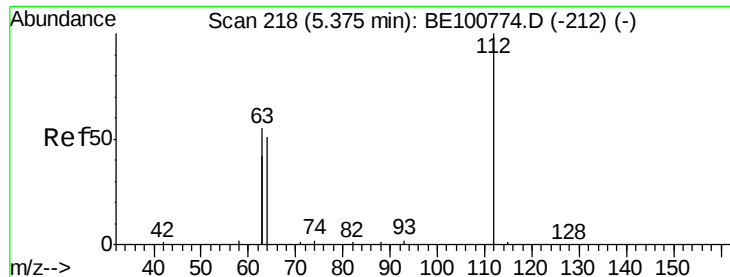


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.202 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

Instrument :

BNA_E

ClientSampleId :

DUP02-20191204

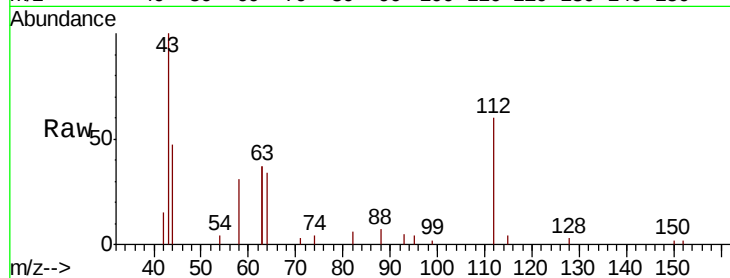
Tot Ion:112 Resp: 2583

Ion Ratio Lower Upper

112 100

64 68.5 54.1 81.1

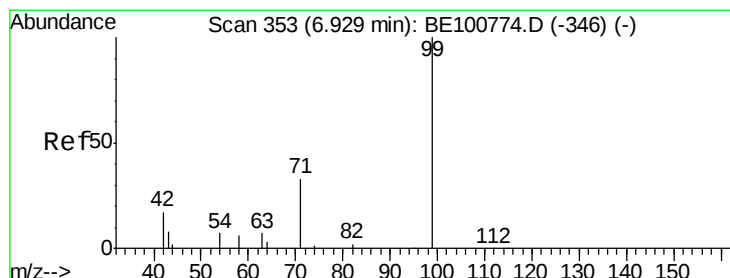
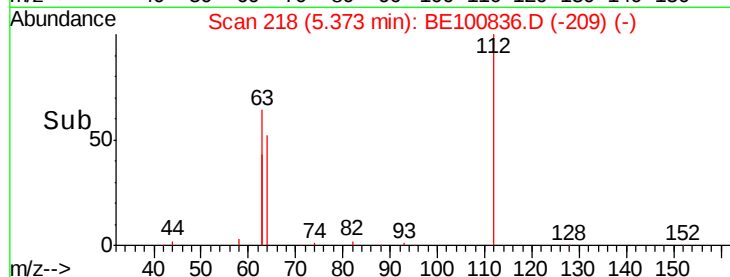
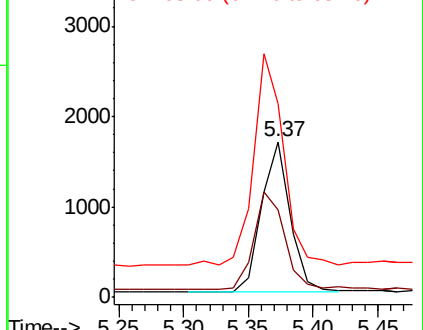
63 144.6 113.2 169.8



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: 0.131 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

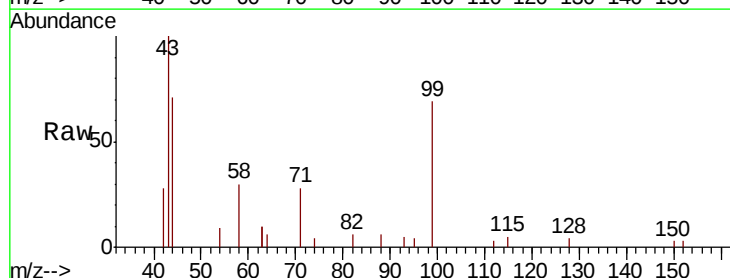
Tgt Ion: 99 Resp: 2532

Ion Ratio Lower Upper

99 100

42 28.6 19.1 28.7

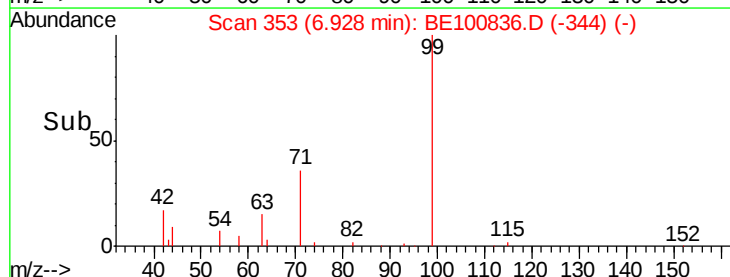
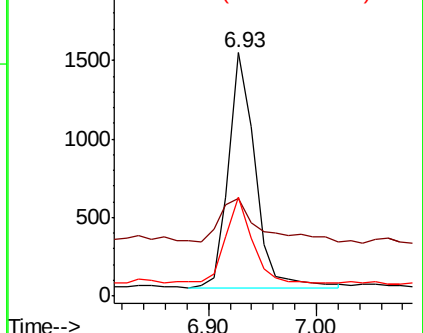
71 37.1 27.7 41.5

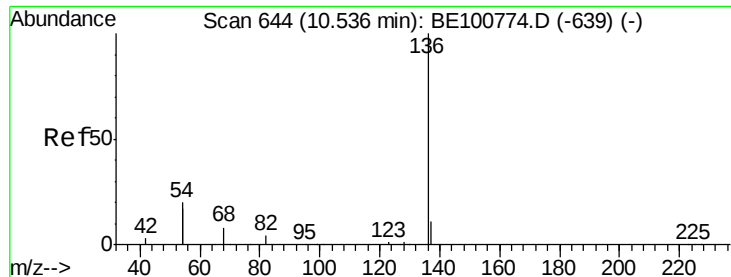


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100836.D

Acq: 11 Dec 2019 7:17

Instrument :

BNA_E

ClientSampleId :

DUP02-20191204

Tot Ion:136 Resp: 25149

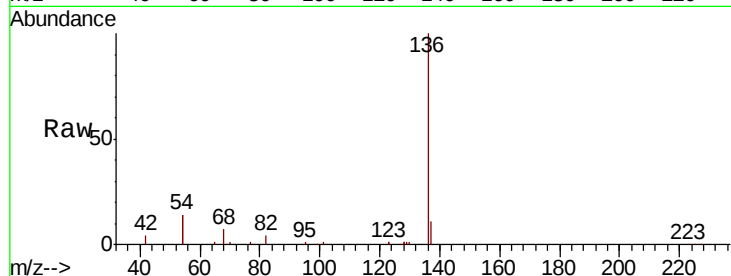
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 28.2 31.1 46.7#

68 6.6 6.6 10.0

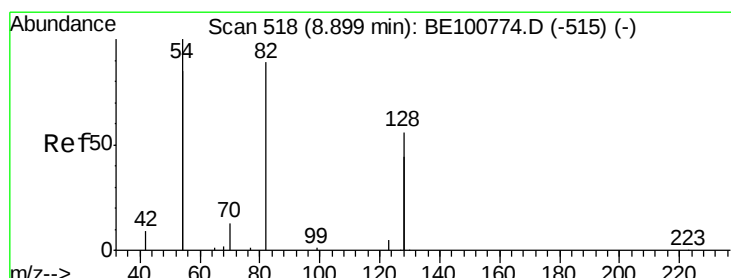
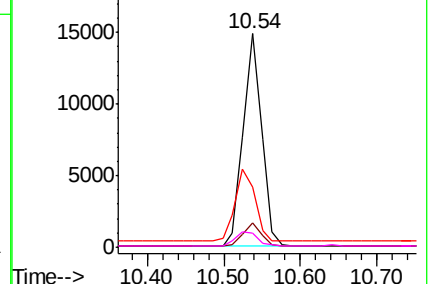
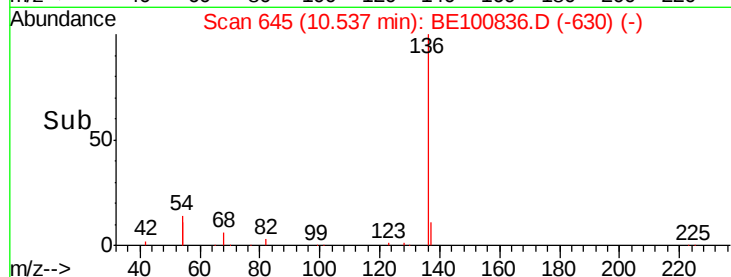


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.539 ng

RT: 8.90 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

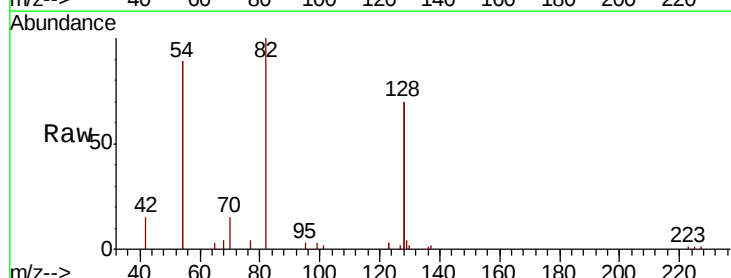
Tgt Ion: 82 Resp: 6453

Ion Ratio Lower Upper

82 100

128 140.7 97.0 145.4

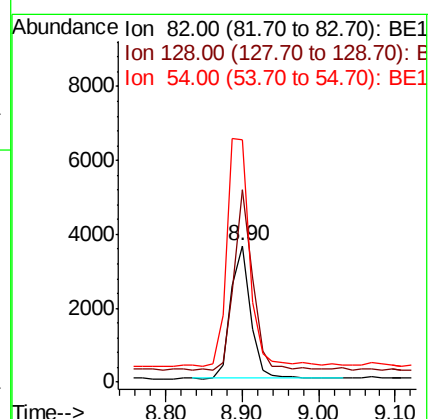
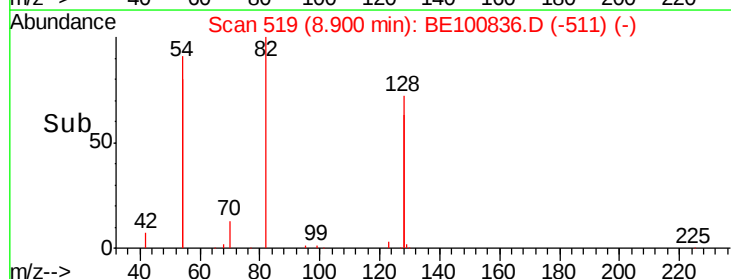
54 178.0 171.8 257.6

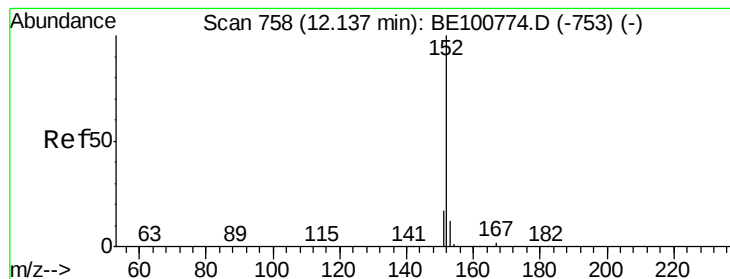


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 12.14 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

Instrument :

BNA_E

ClientSampleId :

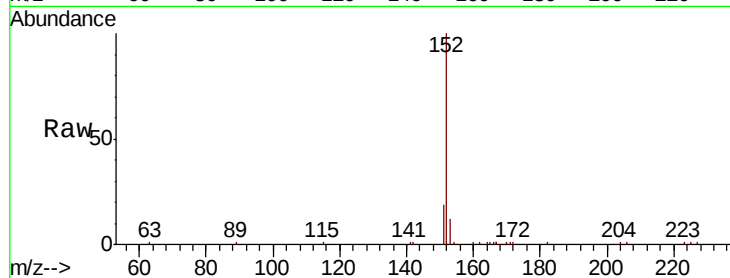
DUP02-20191204

Tot Ion:152 Resp: 15611

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

10000

8000

6000

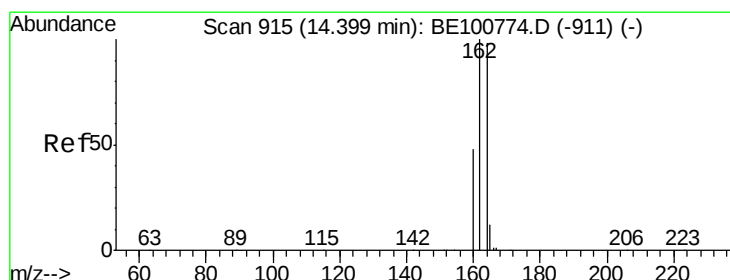
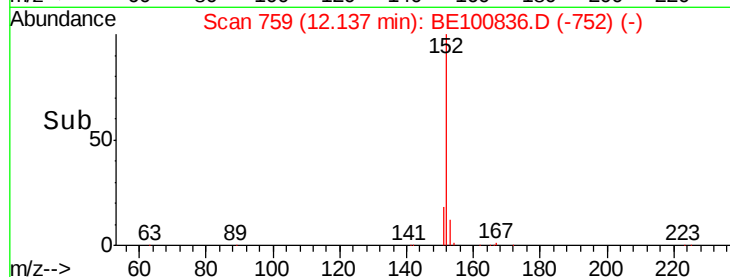
4000

2000

0

Time-->

12.00 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 916

Delta R.T. 0.00 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

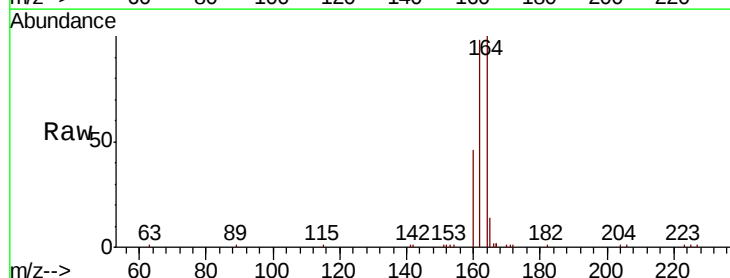
Tgt Ion:164 Resp: 14548

Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.0

160 45.7 39.4 59.0



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

14.40

12000

10000

8000

6000

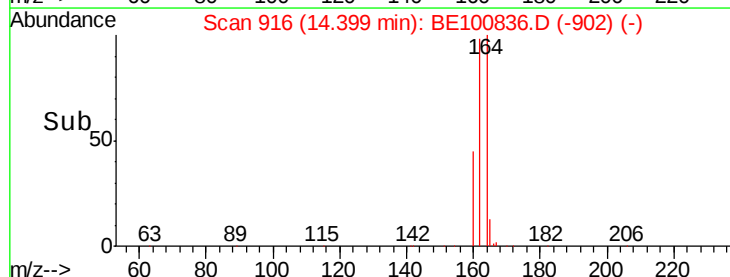
4000

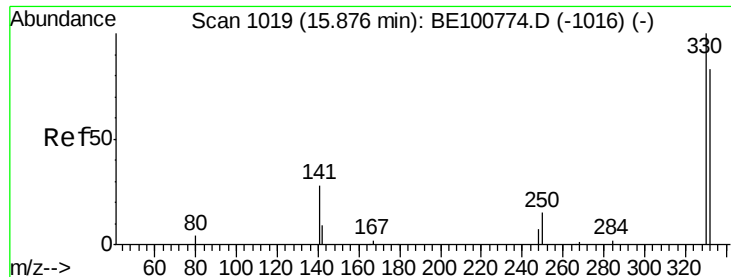
2000

0

Time-->

14.30 14.40 14.50

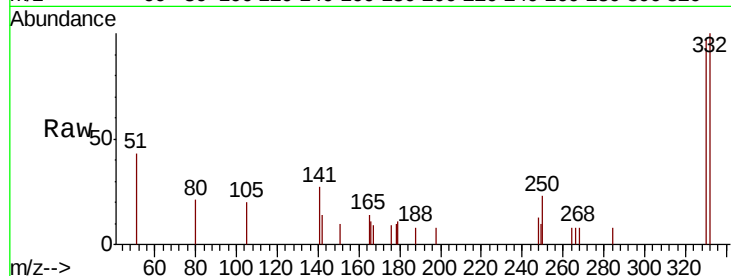




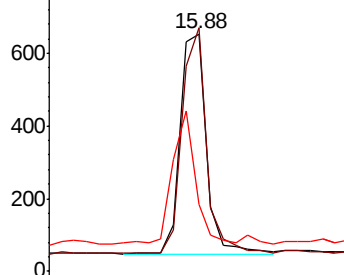
#14
 2,4,6-Tribromophenol
 Concen: 0.734 ng
 RT: 15.88 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BE100836.D
 Acq: 11 Dec 2019 7:17

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20191204

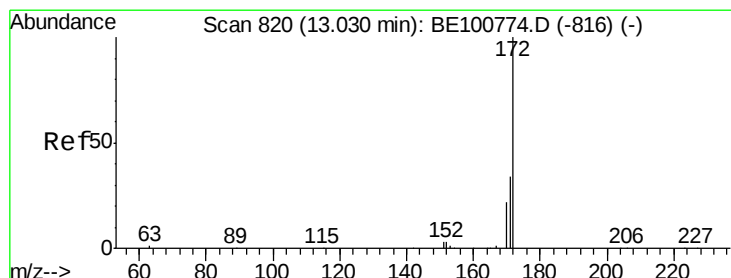
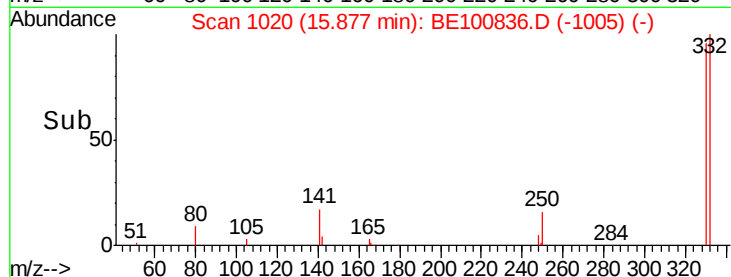
Tot Ion:330 Resp: 1187
 Ion Ratio Lower Upper
 330 100
 332 95.5 69.4 104.2
 141 53.7 51.1 76.7



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

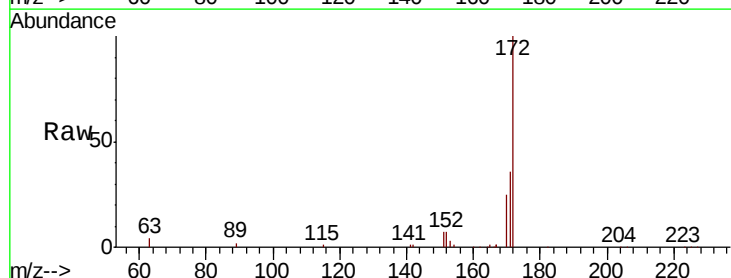


Time-->

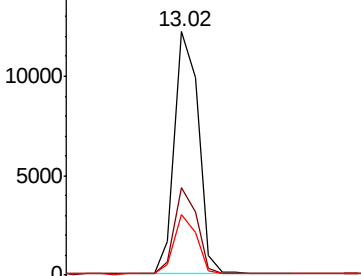


#15
 2-Fluorobiphenyl
 Concen: 0.374 ng
 RT: 13.02 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100836.D
 Acq: 11 Dec 2019 7:17

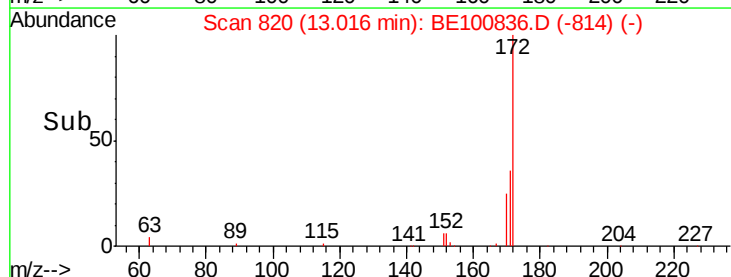
Tgt Ion:172 Resp: 21562
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.2 40.8
 170 25.0 18.0 27.0

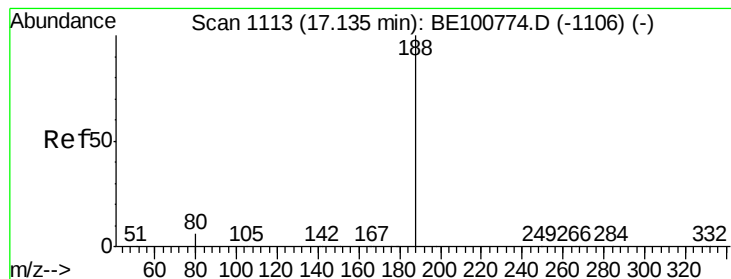


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

Instrument :

BNA_E

ClientSampleId :

DUP02-20191204

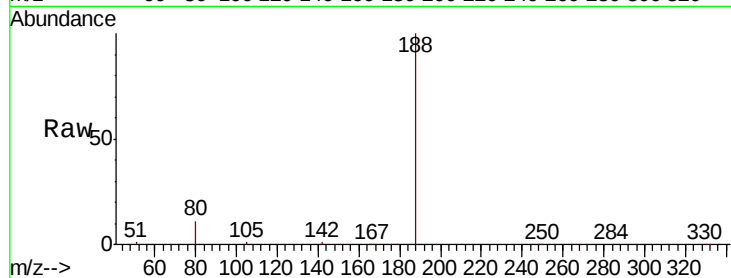
Tot Ion:188 Resp: 34778

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

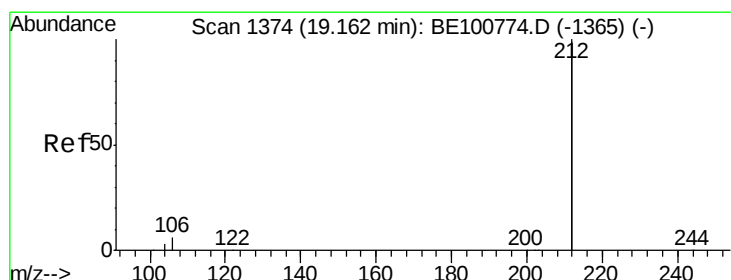
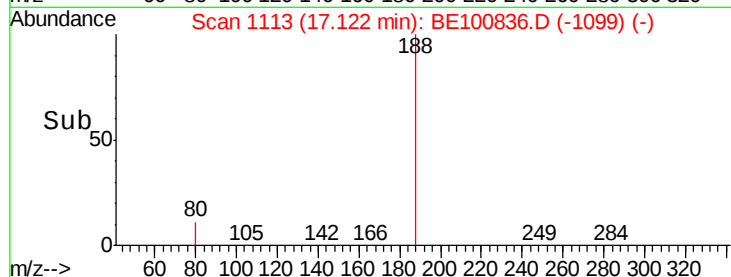
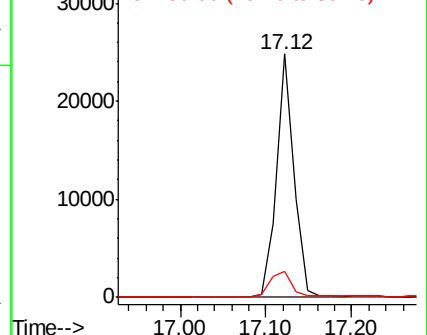
80 10.9 5.2 7.8#



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



#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

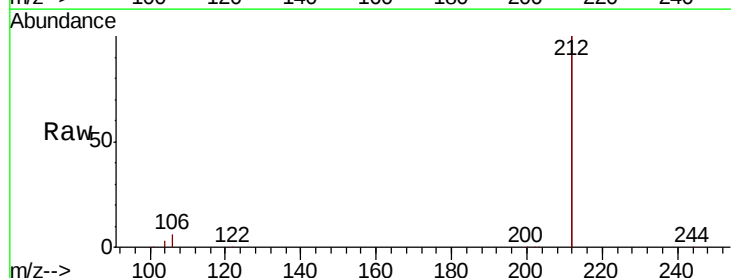
Tgt Ion:212 Resp: 161814

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

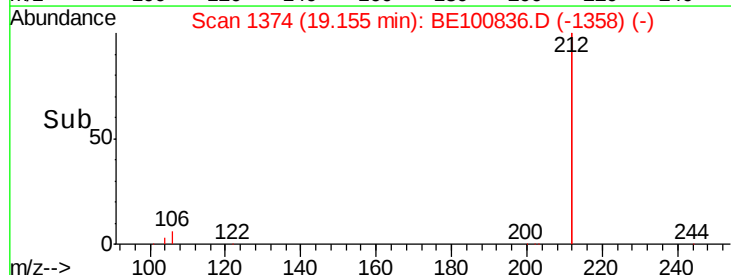
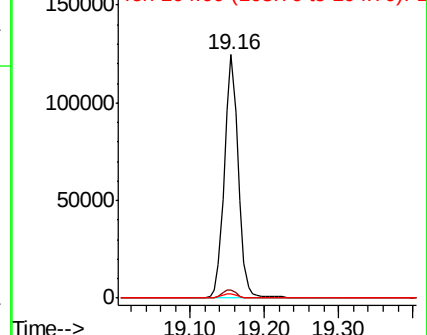
104 1.8 1.4 2.2

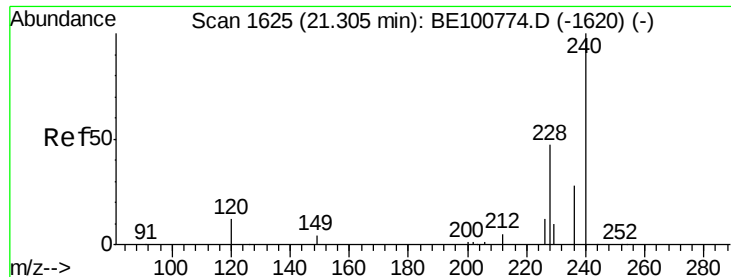


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

Instrument :

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DUP02-20191204

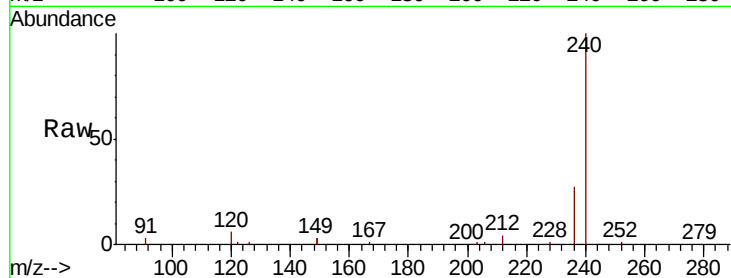
Tot Ion:240 Resp: 30206

Ion Ratio Lower Upper

240 100

120 5.9 10.2 15.2#

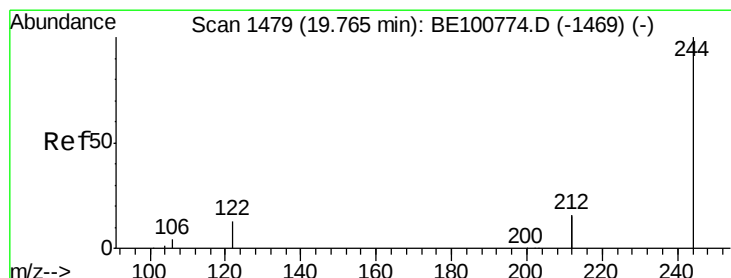
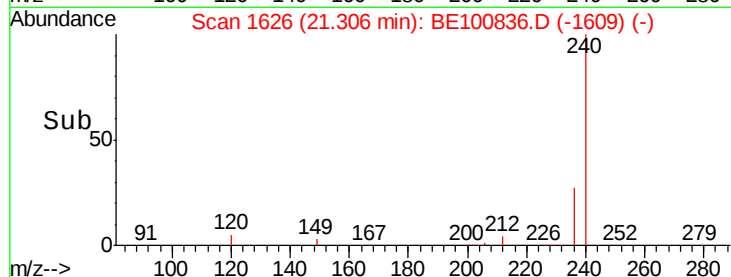
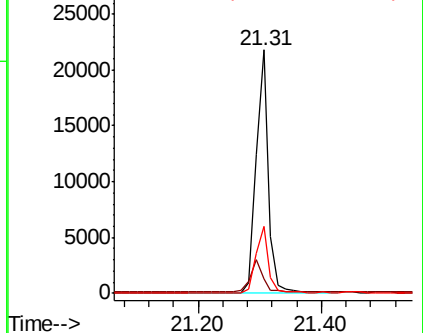
236 27.4 22.3 33.5



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: 0.431 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BE100836.D

Acq: 11 Dec 2019 7:17

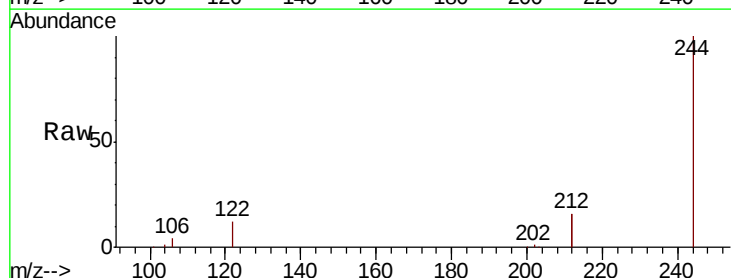
Tgt Ion:244 Resp: 31188

Ion Ratio Lower Upper

244 100

212 32.9 26.2 39.4

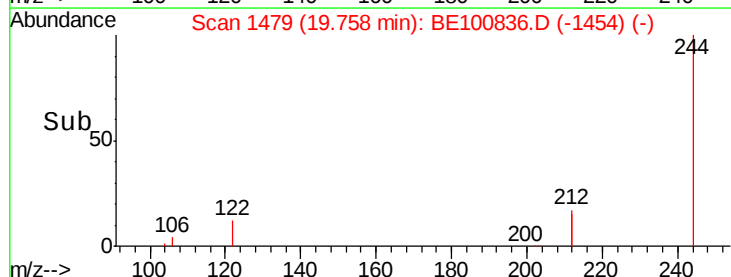
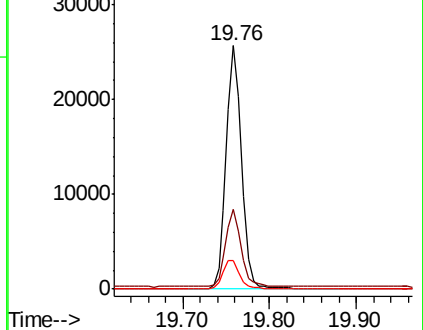
122 11.9 10.2 15.4

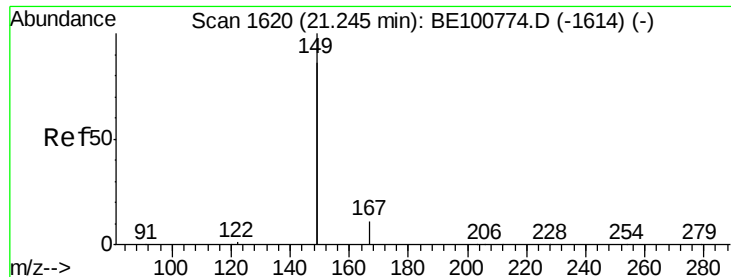


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

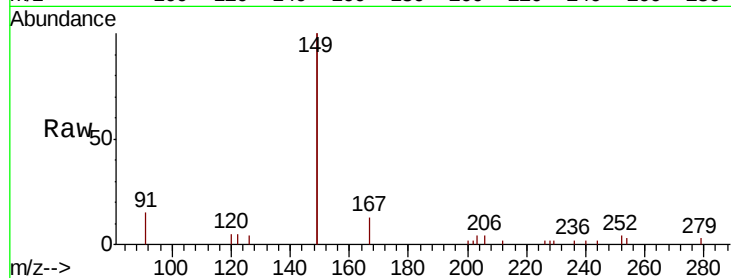




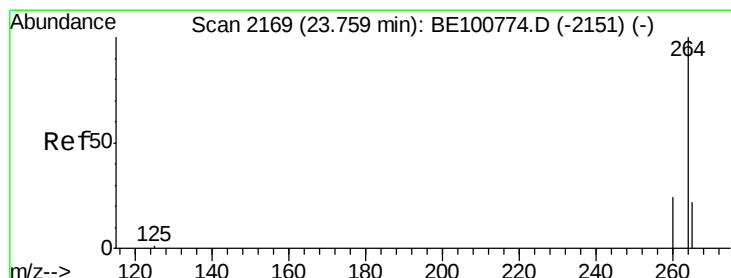
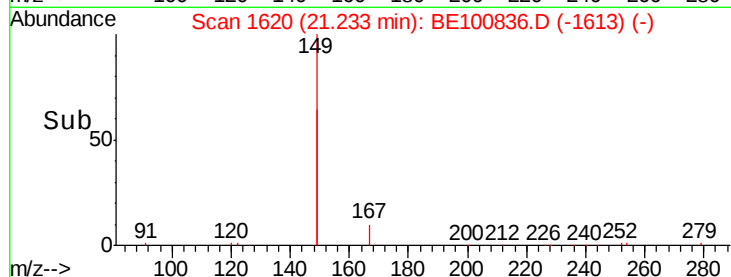
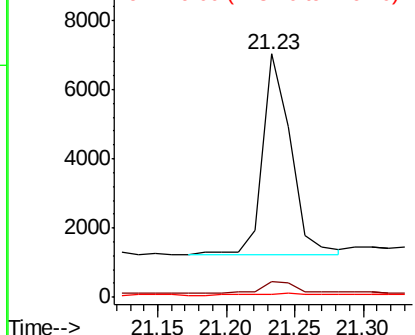
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.23 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BE100836.D
 Acq: 11 Dec 2019 7:17

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20191204

Tot Ion:149 Resp: 8214
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.0 7.6#
 279 1.3 0.7 1.1#

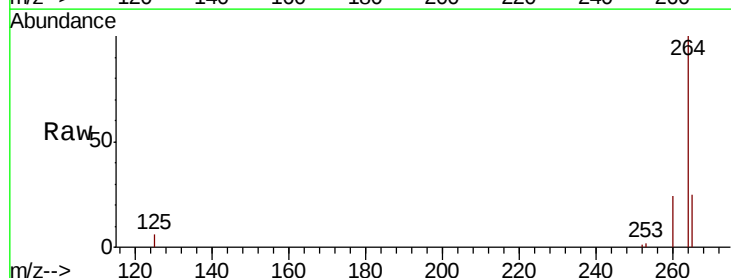


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BE100836.D
 Acq: 11 Dec 2019 7:17

Tgt Ion:264 Resp: 37064
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 24.6 21.8 32.8



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

