

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100837.D
 Acq On : 11 Dec 2019 7:53
 Operator : JU
 Sample : K6185-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20191205

Quant Time: Dec 11 10:32:46 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

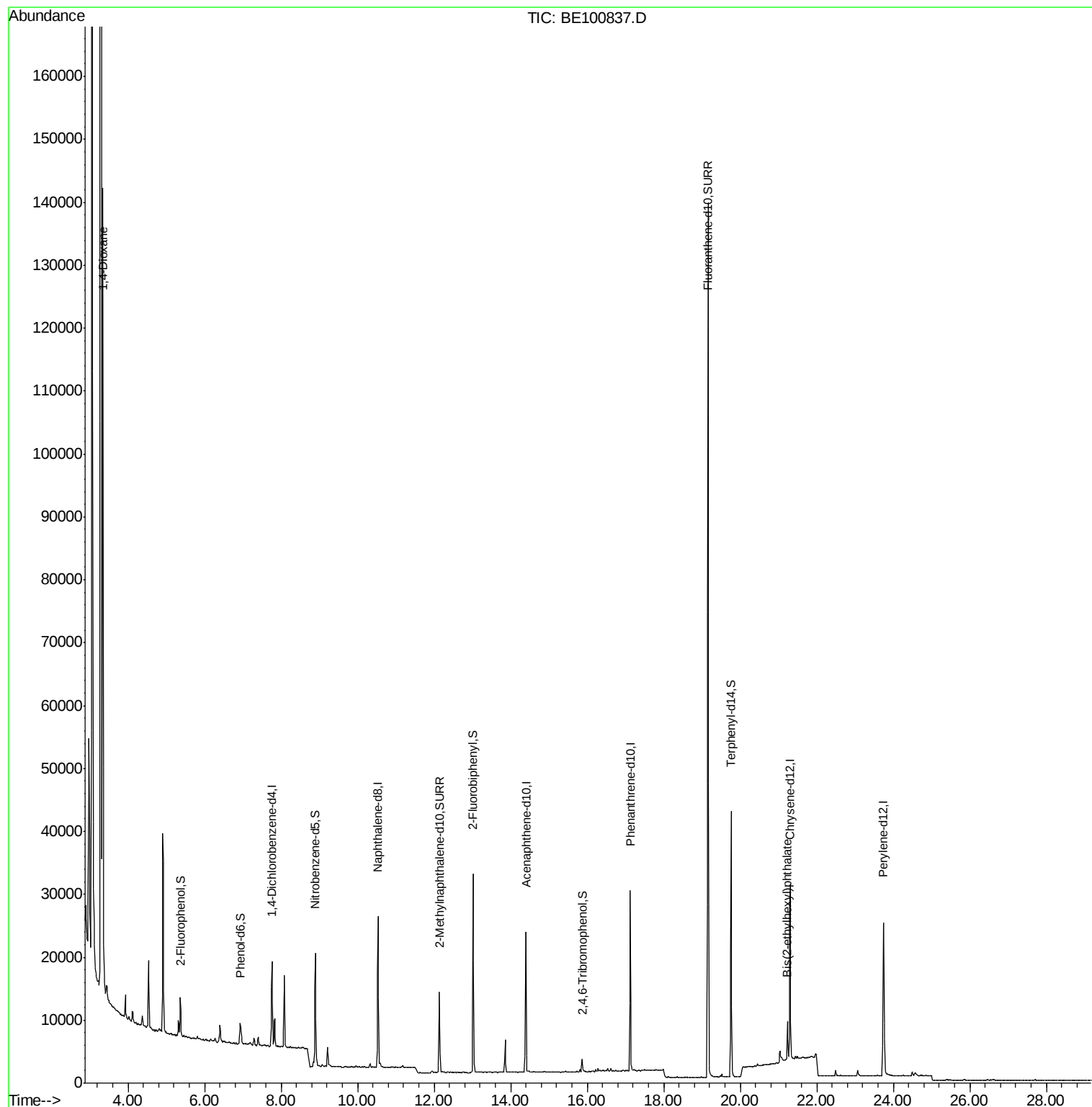
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5636	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	26631	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	15369	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	36935	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	31161	0.40	ng	0.00
34) Perylene-d12	23.74	264	36093	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	3058	0.23	ng	0.00
5) Phenol-d6	6.93	99	2866	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	7380	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	17326	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1366	0.80	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	28102	0.46	ng	-0.01
25) Fluoranthene-d10	19.16	212	179302	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	34729	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	76809	7.475	ng	89
32) Bis(2-ethylhexyl)phthalate	21.23	149	7642	0.065	ng	98

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

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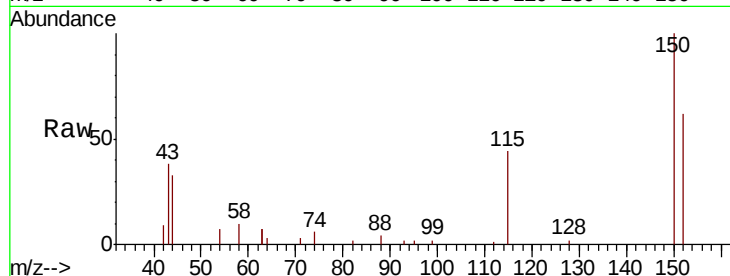


#1

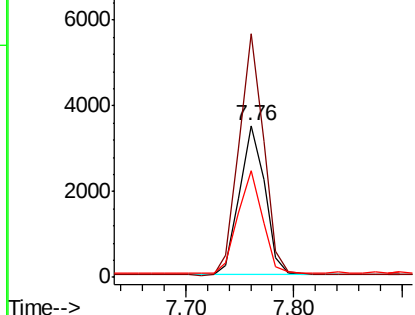
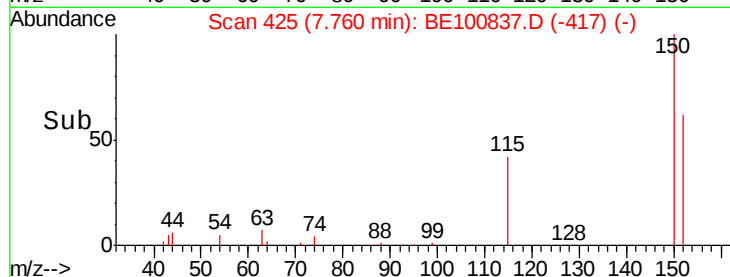
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100837.D
Acq: 11 Dec 2019 7:53

Instrument :
BNA_E
ClientSampleId :
RE131D1-20191205

Tot Ion:152 Resp: 5636
Ion Ratio Lower Upper
152 100
150 160.5 120.6 181.0
115 70.1 47.4 71.2



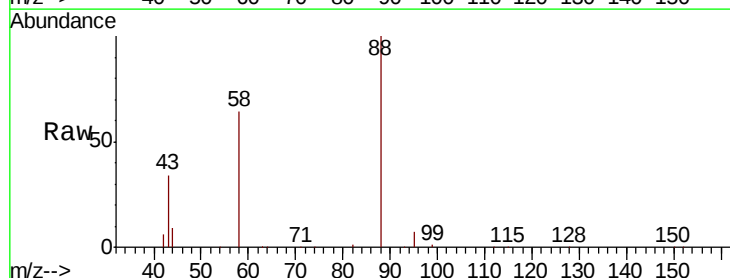
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



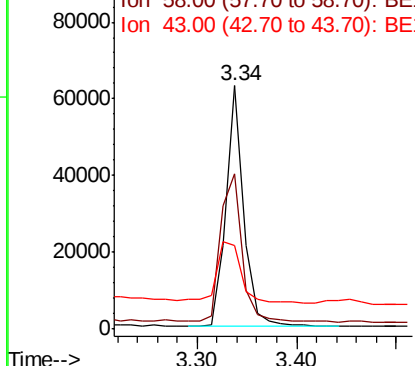
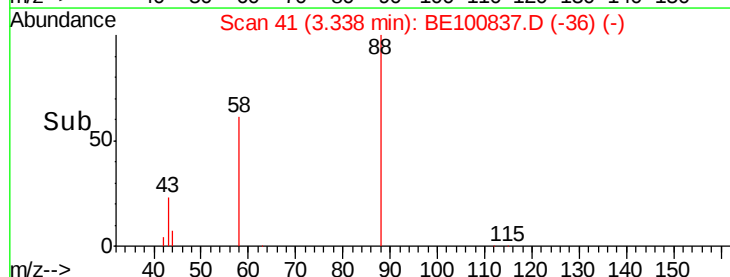
#2

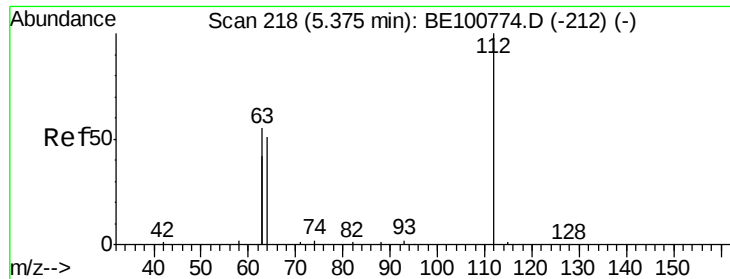
1,4-Dioxane
Concen: 7.475 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100837.D
Acq: 11 Dec 2019 7:53

Tgt Ion: 88 Resp: 76809
Ion Ratio Lower Upper
88 100
58 74.5 52.5 78.7
43 33.6 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: 0.229 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205

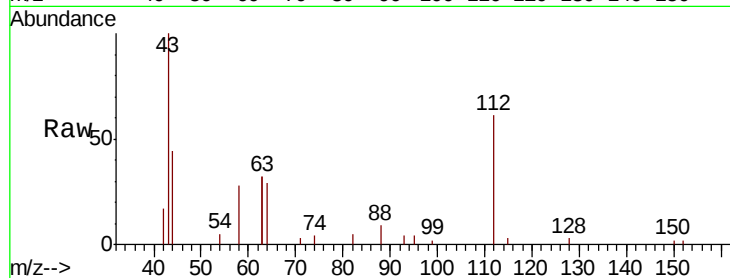
Tot Ion:112 Resp: 3058

Ion Ratio Lower Upper

112 100

64 66.5 54.1 81.1

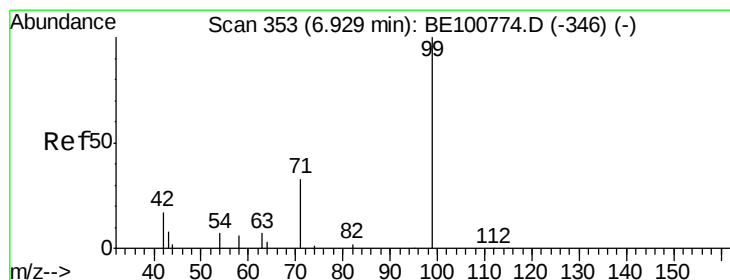
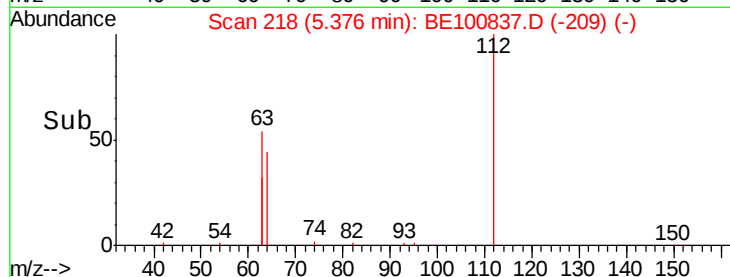
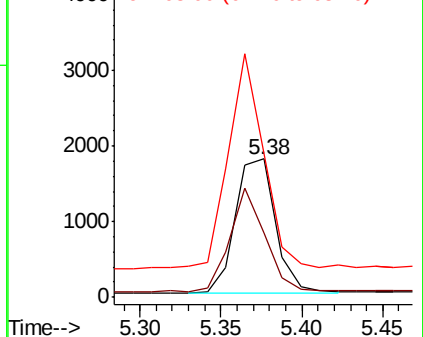
63 140.4 113.2 169.8



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: 0.142 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

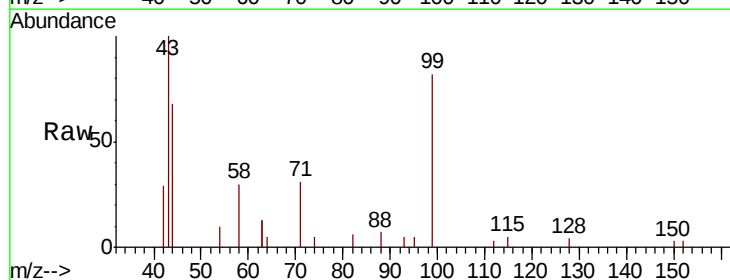
Tgt Ion: 99 Resp: 2866

Ion Ratio Lower Upper

99 100

42 33.6 19.1 28.7#

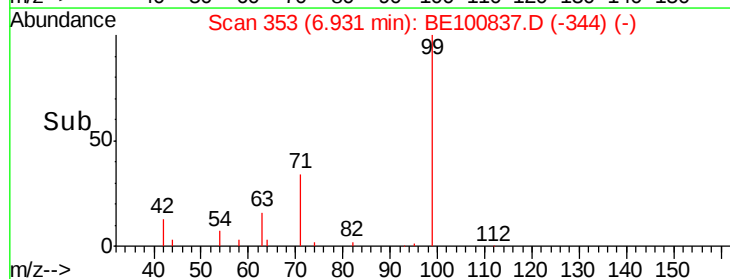
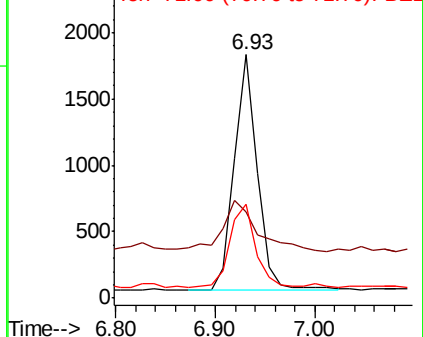
71 38.2 27.7 41.5

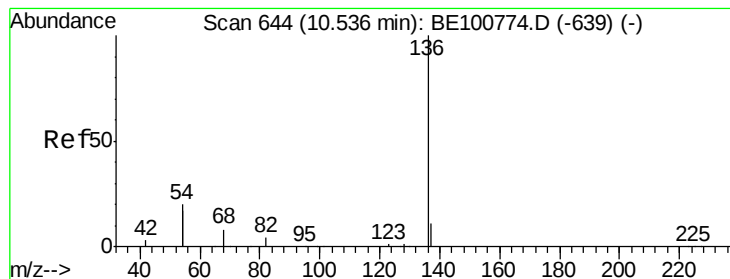


Abundance Ion 99.00 (98.70 to 99.70): BE1

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# 644

Delta R.T. -0.00 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205

Tot Ion:136 Resp: 26631

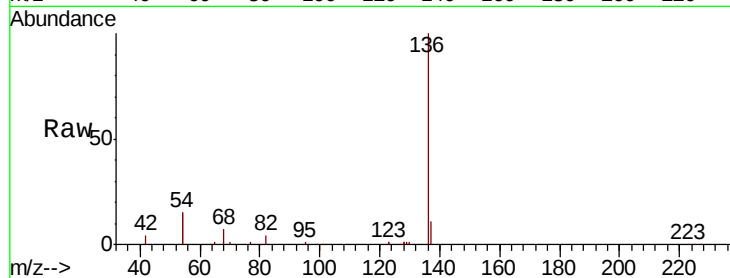
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 30.1 31.1 46.7#

68 6.8 6.6 10.0

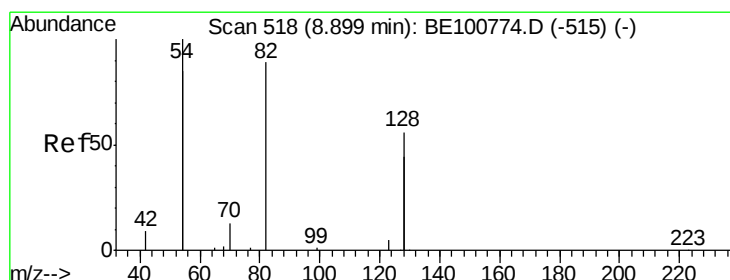
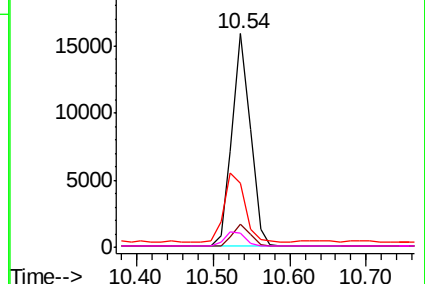
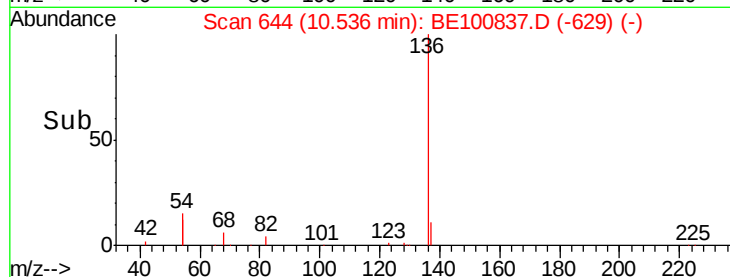


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.582 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

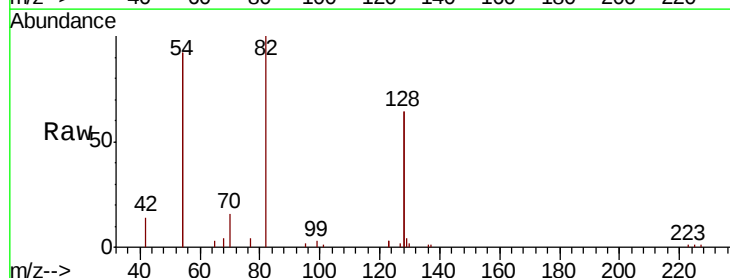
Tgt Ion: 82 Resp: 7380

Ion Ratio Lower Upper

82 100

128 128.6 97.0 145.4

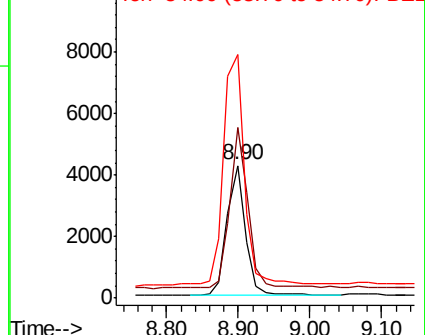
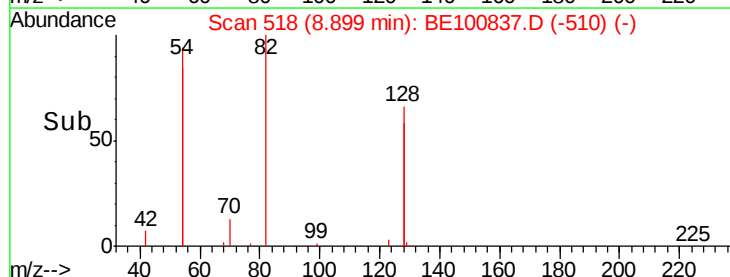
54 183.7 171.8 257.6

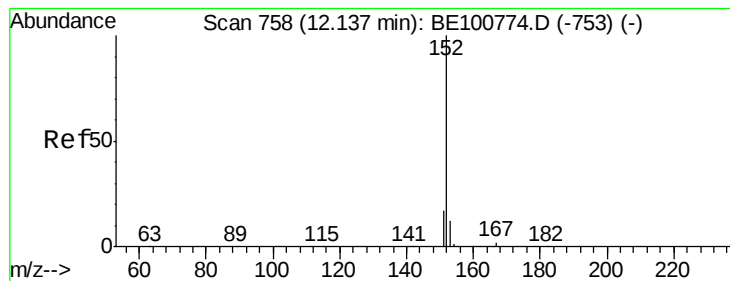


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

Instrument :

BNA_E

ClientSampleId :

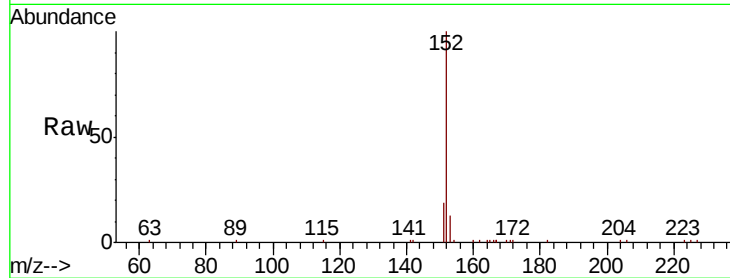
RE131D1-20191205

Tot Ion:152 Resp: 17326

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

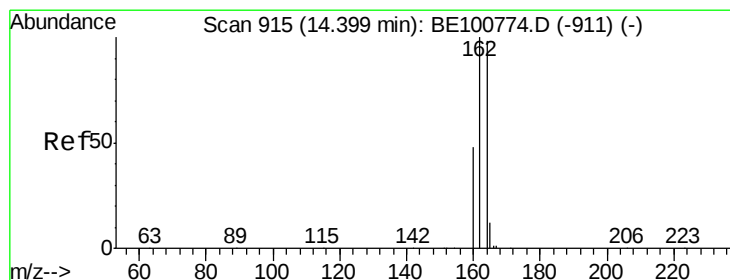
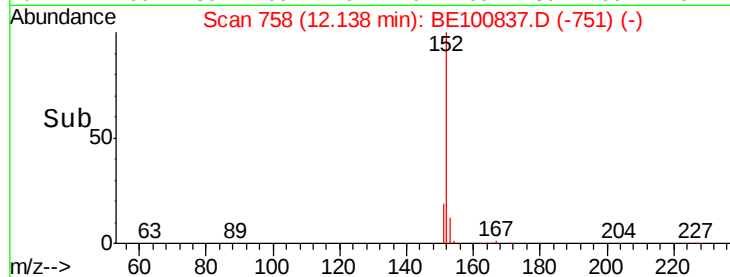
4000

2000

0

Time-->

12.00 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

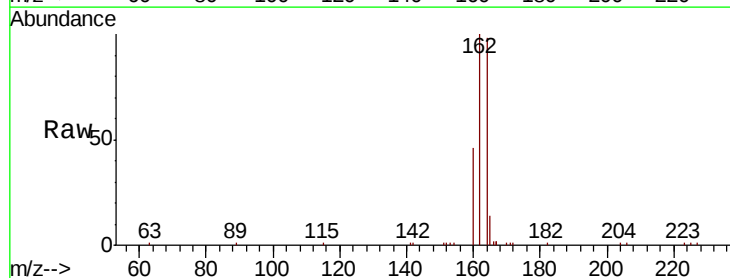
Tgt Ion:164 Resp: 15369

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 47.0 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

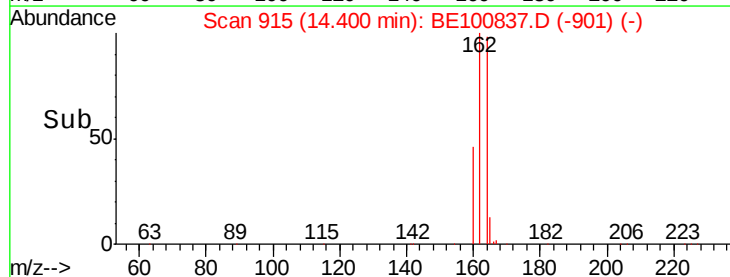
4000

2000

0

Time-->

14.30 14.40 14.50

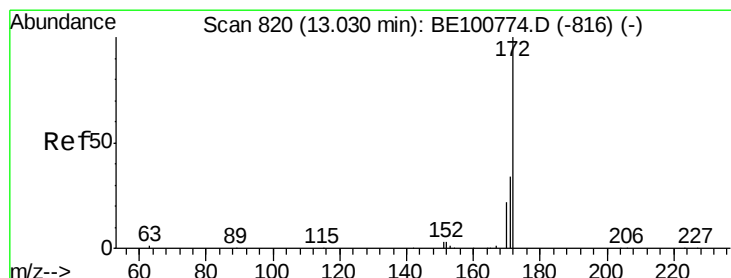
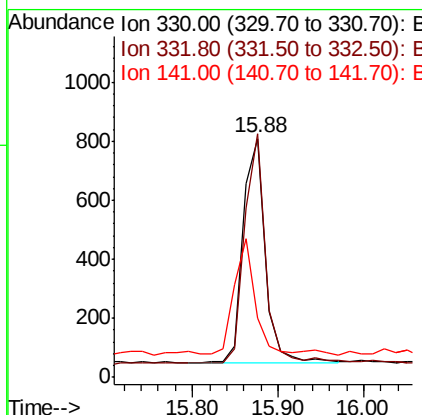
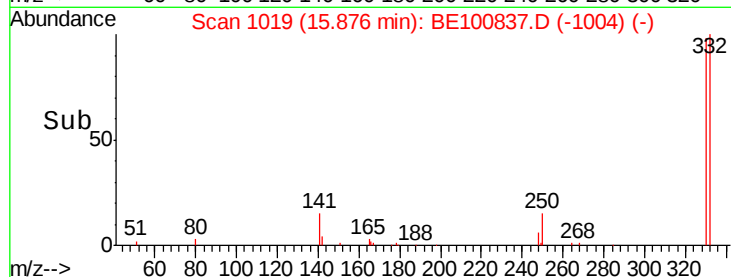
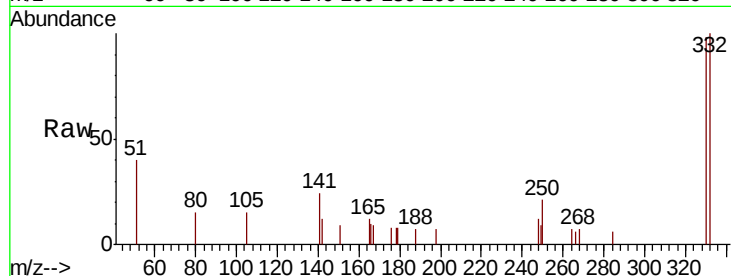




#14
 2,4,6-Tribromophenol
 Concen: 0.799 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100837.D
 Acq: 11 Dec 2019 7:53

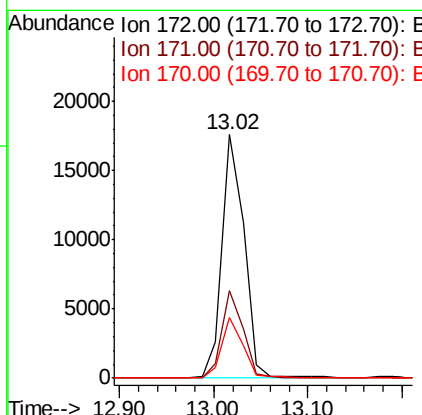
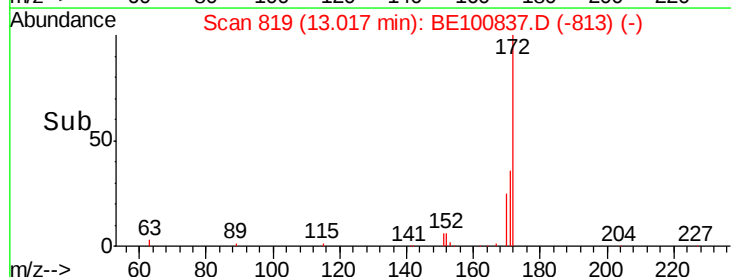
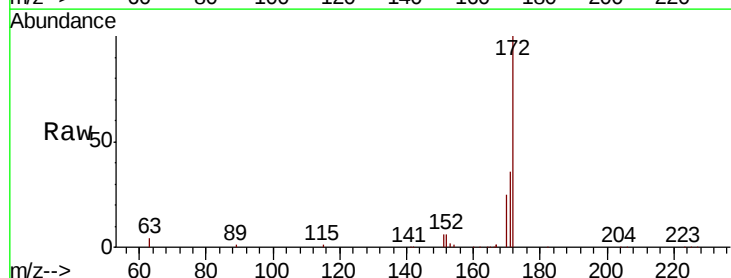
Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20191205

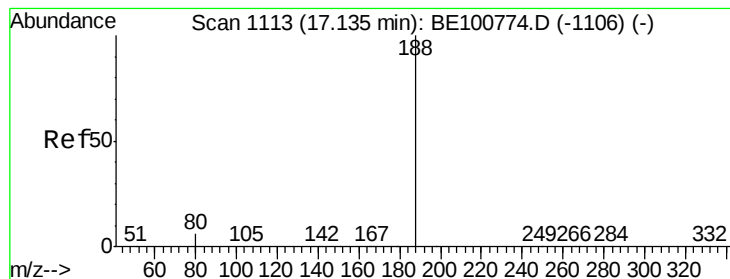
Tot Ion:330 Resp: 1366
 Ion Ratio Lower Upper
 330 100
 332 98.5 69.4 104.2
 141 48.5 51.1 76.7#



#15
 2-Fluorobiphenyl
 Concen: 0.461 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100837.D
 Acq: 11 Dec 2019 7:53

Tgt Ion:172 Resp: 28102
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.2 40.8
 170 24.9 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205

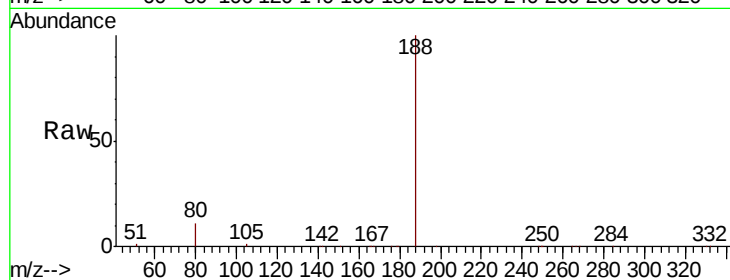
Tot Ion:188 Resp: 36935

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

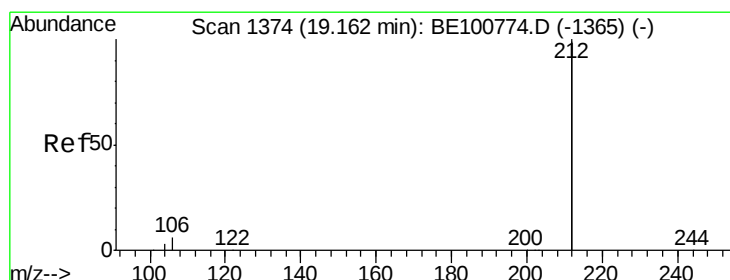
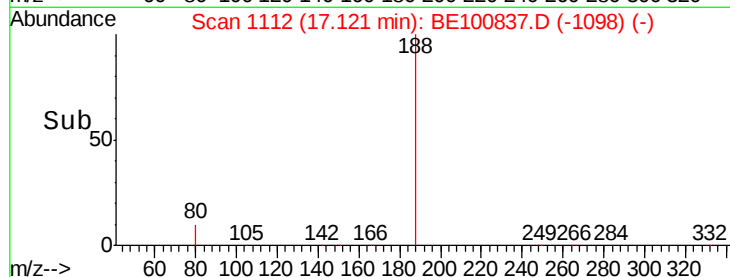
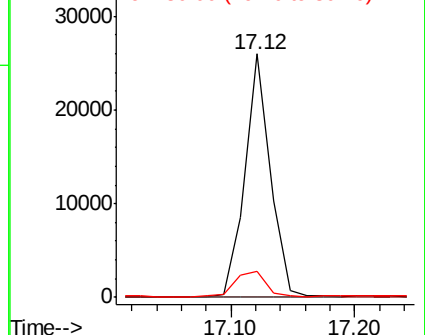
80 10.6 5.2 7.8#



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: 0.411 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

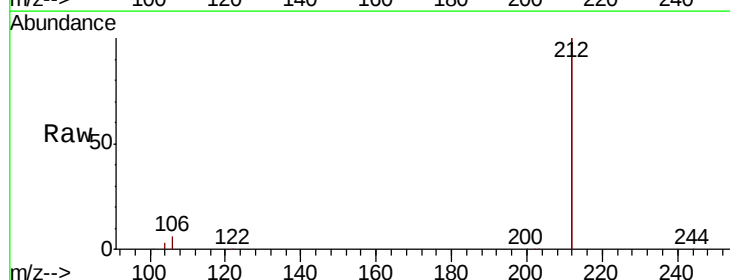
Tgt Ion:212 Resp: 179302

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

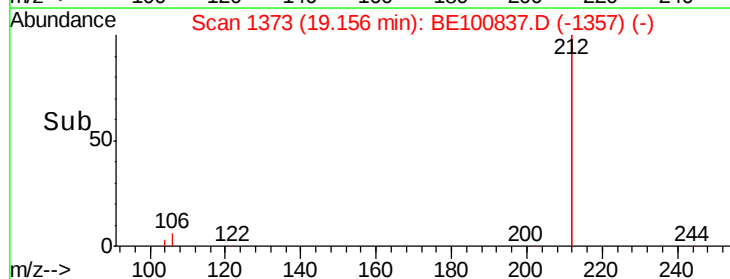
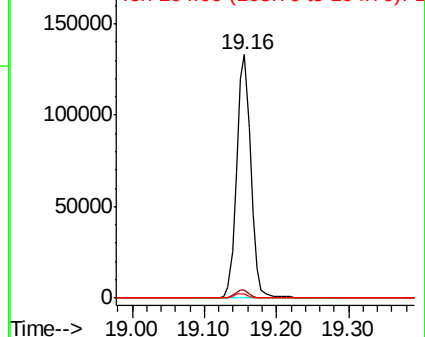
104 1.9 1.4 2.2



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# 1625

Delta R.T. 0.00 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205

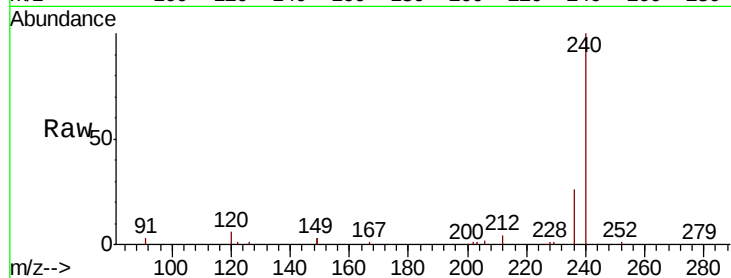
Tot Ion:240 Resp: 31161

Ion Ratio Lower Upper

240 100

120 5.6 10.2 15.2#

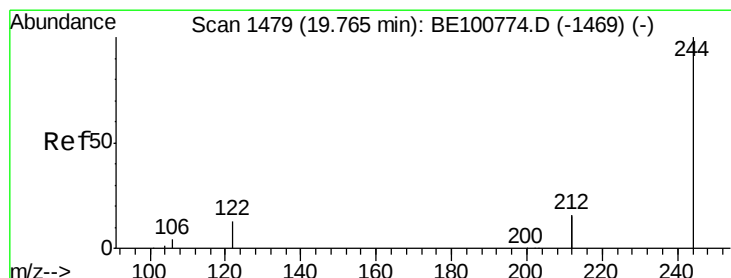
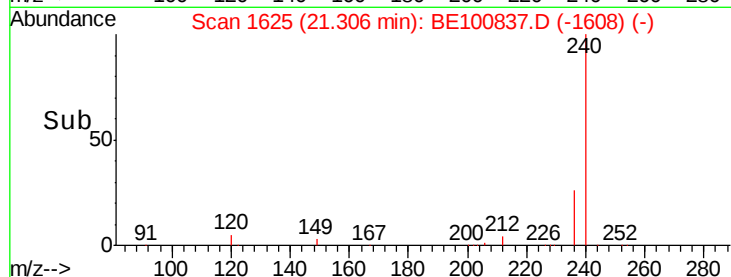
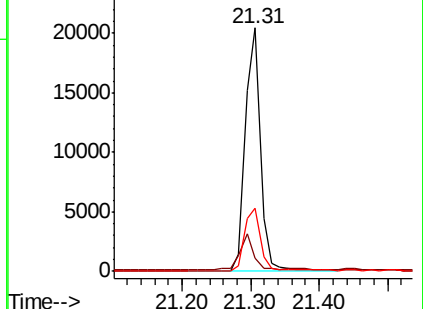
236 26.1 22.3 33.5



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: 0.465 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100837.D

Acq: 11 Dec 2019 7:53

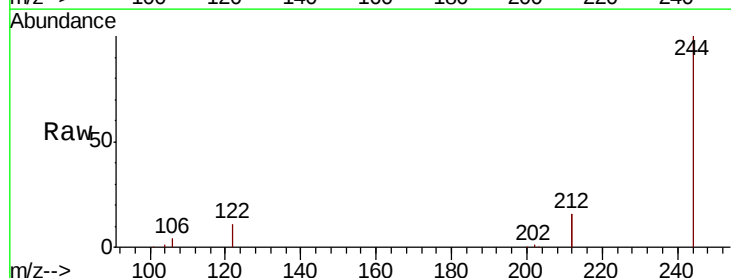
Tgt Ion:244 Resp: 34729

Ion Ratio Lower Upper

244 100

212 31.8 26.2 39.4

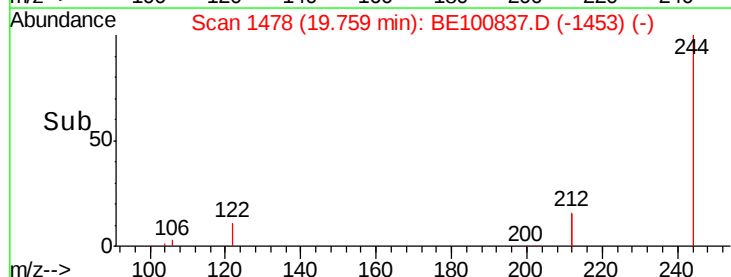
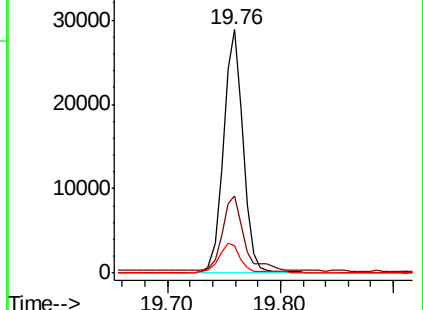
122 11.1 10.2 15.4

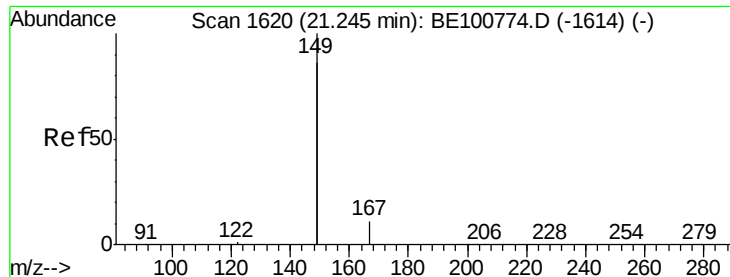


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

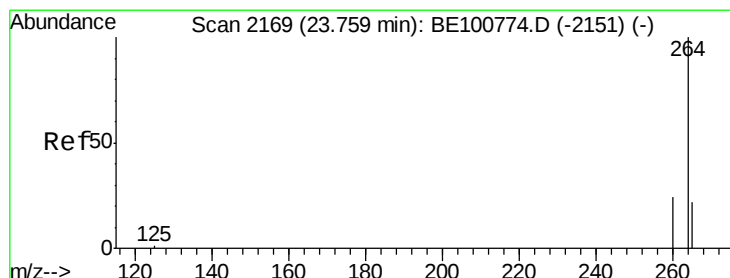
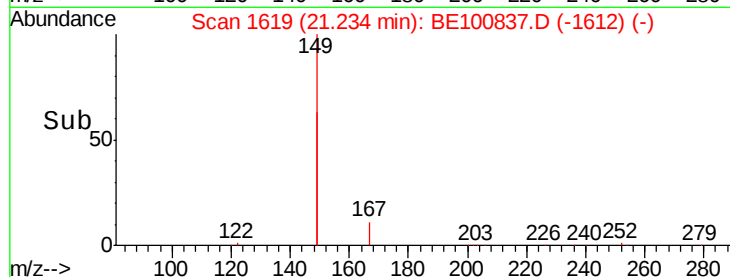
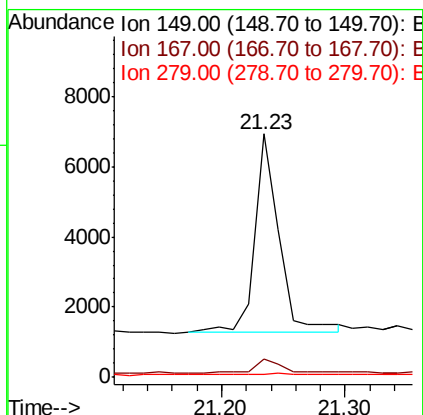
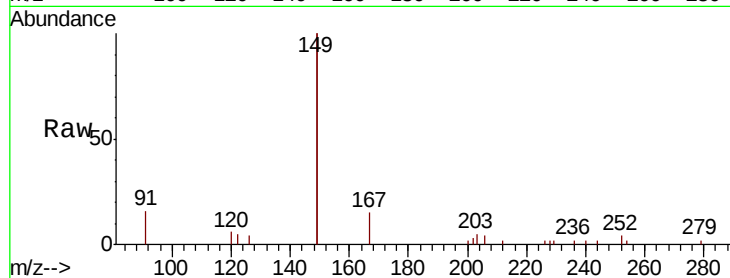




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100837.D
 Acq: 11 Dec 2019 7:53

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20191205

Tot Ion:149 Resp: 7642
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.0 7.6
 279 0.9 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BE100837.D
 Acq: 11 Dec 2019 7:53

Tgt Ion:264 Resp: 36093
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 24.1 21.8 32.8

