

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092319\
 Data File : BE100537.D
 Acq On : 23 Sep 2019 13:09
 Operator : HP/JU
 Sample : PB123105BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 23 14:16:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Sep 20 18:26:17 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	8938	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	37930	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	18310	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	37433	0.40	ng	0.00
27) Chrysene-d12	21.37	240	32285	0.40	ng	0.00
34) Perylene-d12	23.84	264	17327	0.40	ng	0.00

System Monitoring Compounds

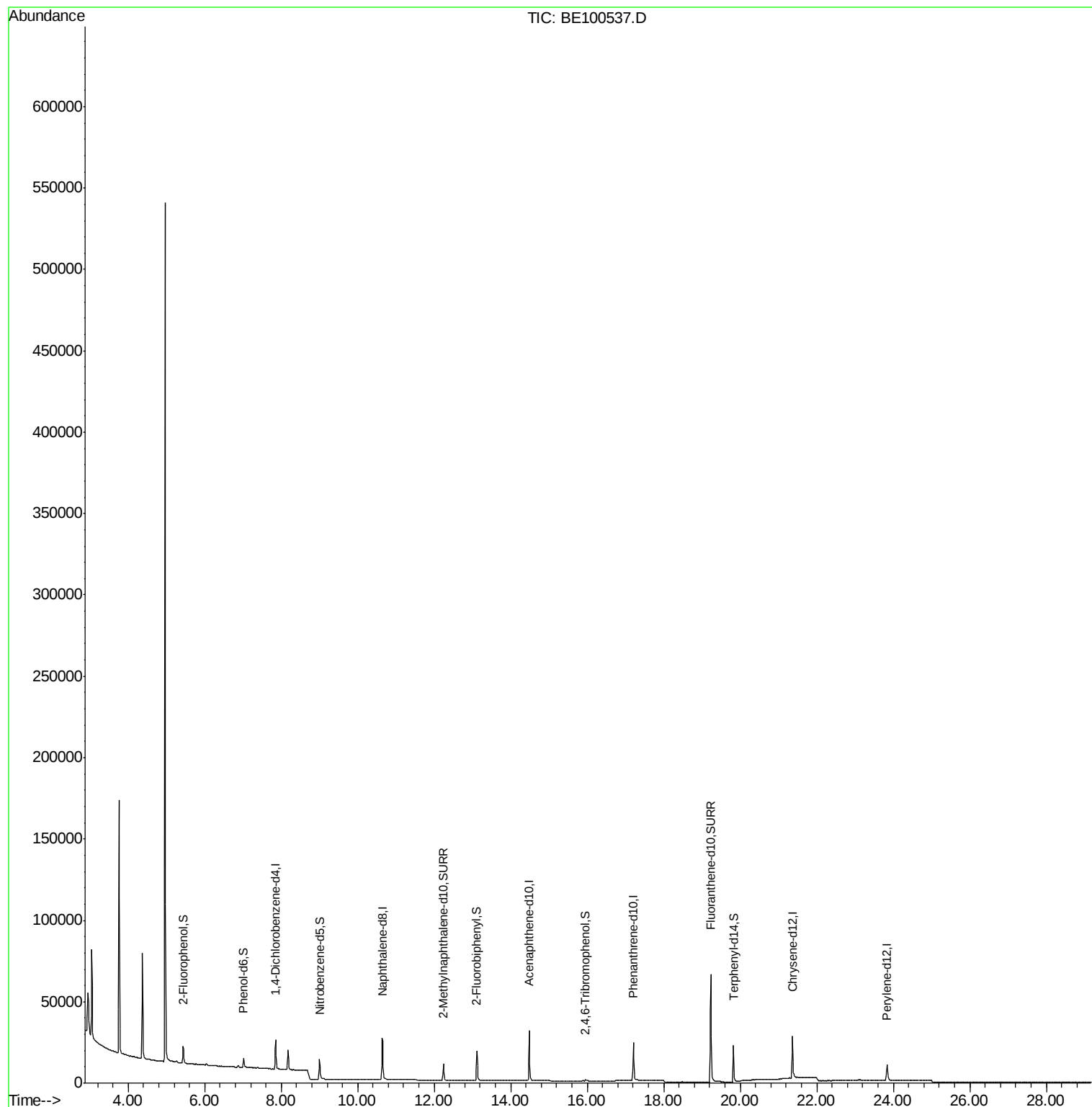
4) 2-Fluorophenol	5.44	112	6786	0.32	ng	0.00
5) Phenol-d6	7.02	99	7903	0.28	ng	0.00
8) Nitrobenzene-d5	9.00	82	6338	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16190	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	610	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	20440	0.31	ng	0.00
25) Fluoranthene-d10	19.23	212	108349	0.24	ng	0.00
29) Terphenyl-d14	19.82	244	23521	0.31	ng	0.00

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

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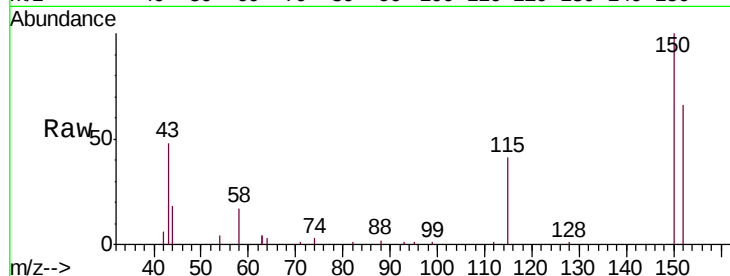




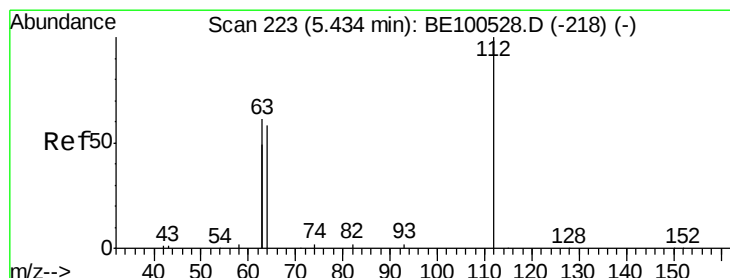
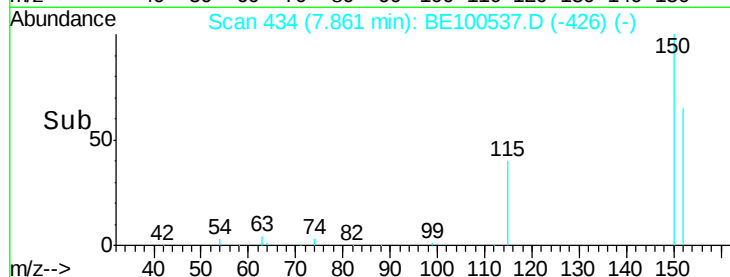
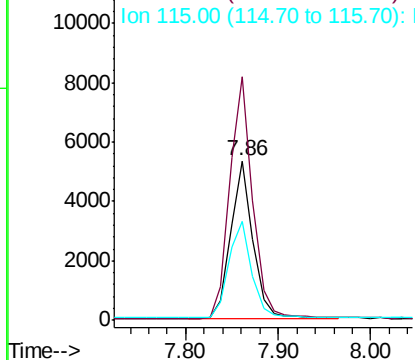
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:152 Resp: 8938
Ion Ratio Lower Upper
152 100
150 152.5 121.6 182.4
115 62.3 48.2 72.4



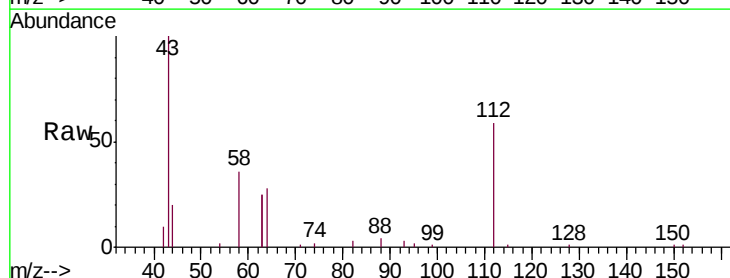
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



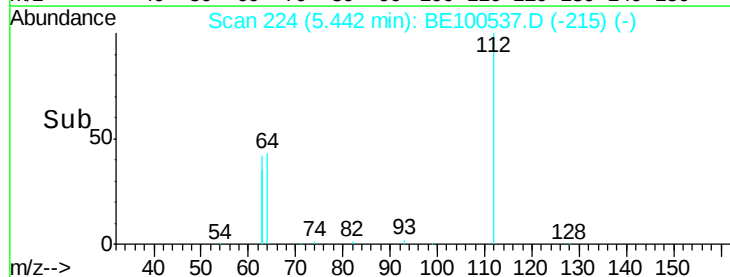
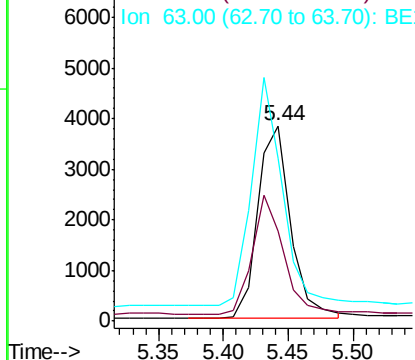
#4

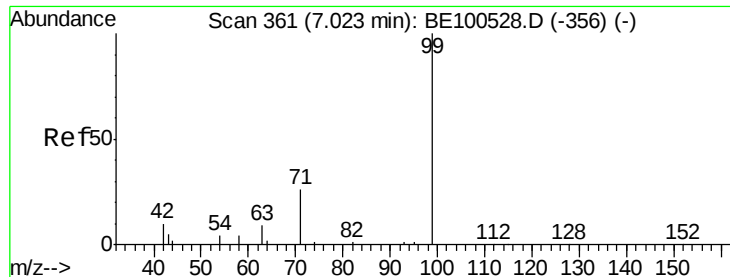
2-Fluorophenol
Concen: 0.324 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:112 Resp: 6786
Ion Ratio Lower Upper
112 100
64 57.7 44.1 66.1
63 111.0 86.5 129.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.276 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100537.D

Acq: 23 Sep 2019 13:09

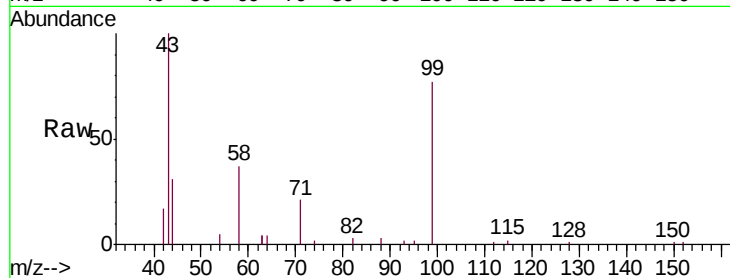
Tgt Ion: 99 Resp: 7903

Ion Ratio Lower Upper

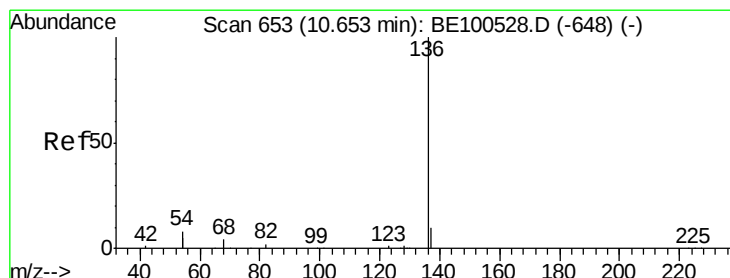
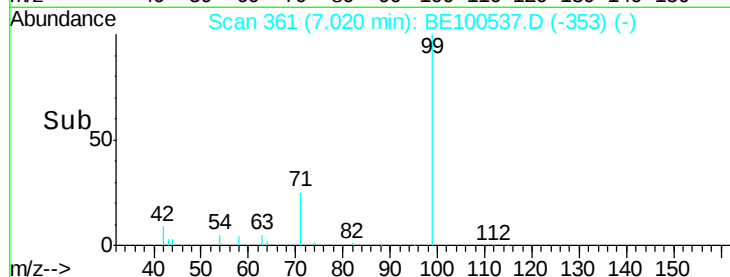
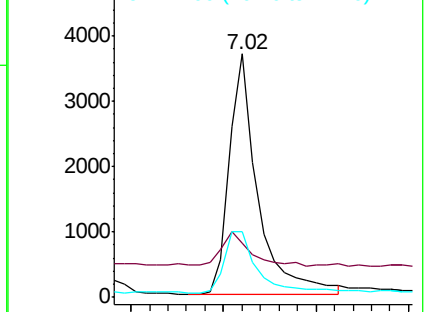
99 100

42 13.3 13.0 19.6

71 29.2 23.4 35.0



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: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100537.D

Acq: 23 Sep 2019 13:09

Tgt Ion: 136 Resp: 37930

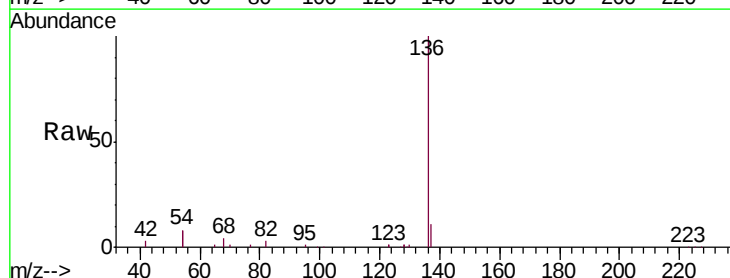
Ion Ratio Lower Upper

136 100

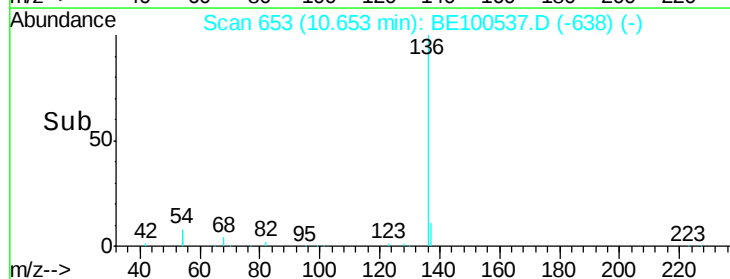
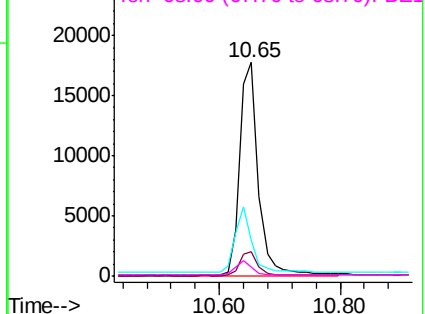
137 11.4 8.6 13.0

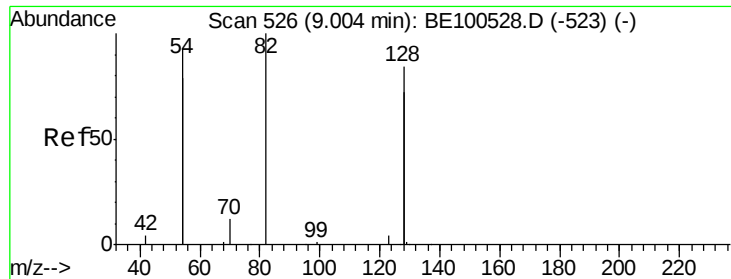
54 16.6 12.4 18.6

68 4.0 3.3 4.9



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: 0.290 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100537.D

Acq: 23 Sep 2019 13:09

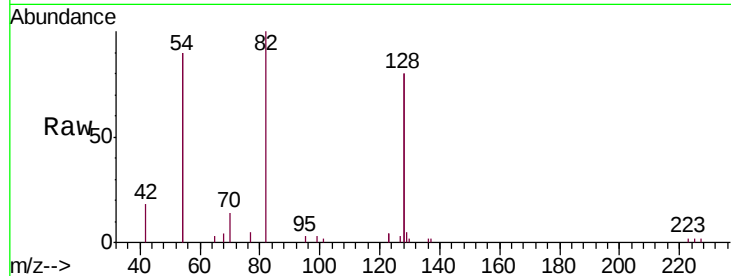
Tgt Ion: 82 Resp: 6338

Ion Ratio Lower Upper

82 100

128 159.7 129.4 194.2

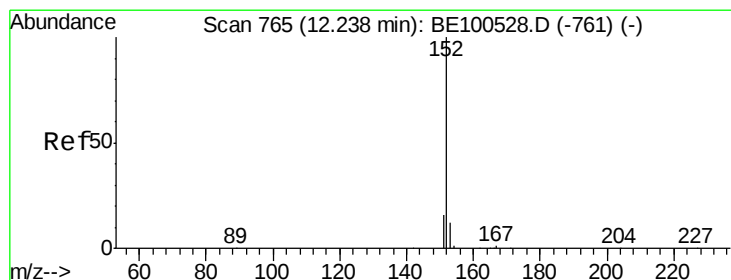
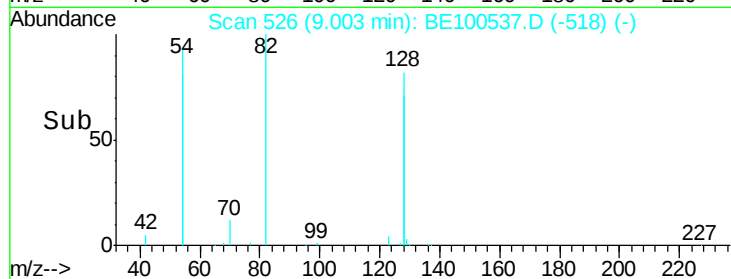
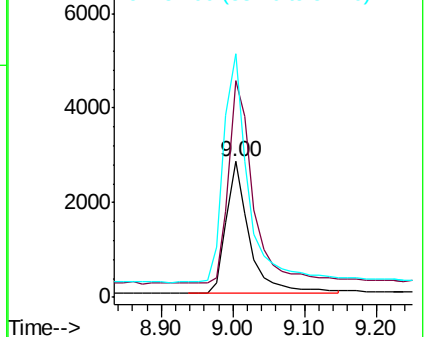
54 179.5 143.3 214.9



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.285 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100537.D

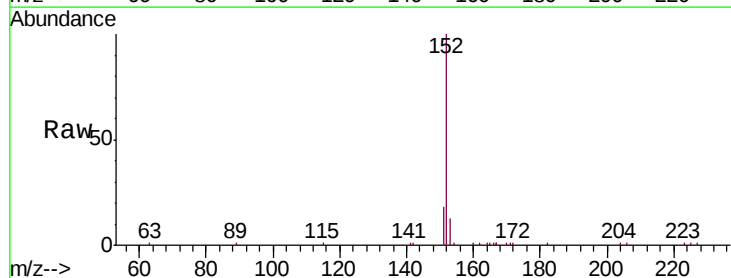
Acq: 23 Sep 2019 13:09

Tgt Ion: 152 Resp: 16190

Ion Ratio Lower Upper

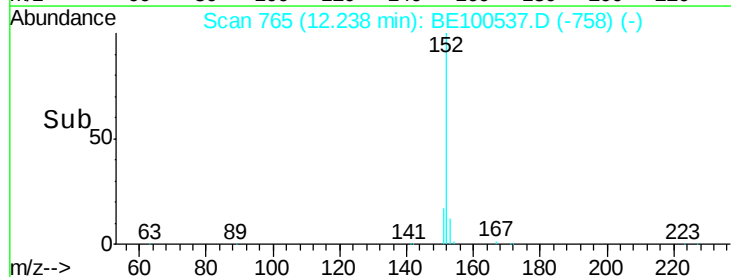
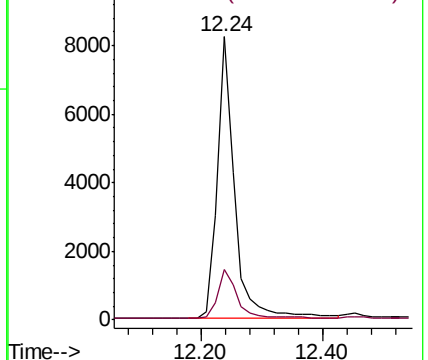
152 100

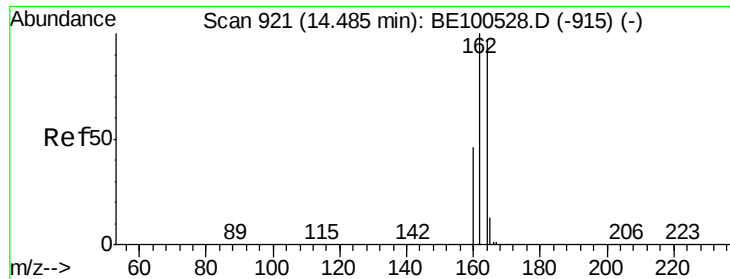
151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BE1

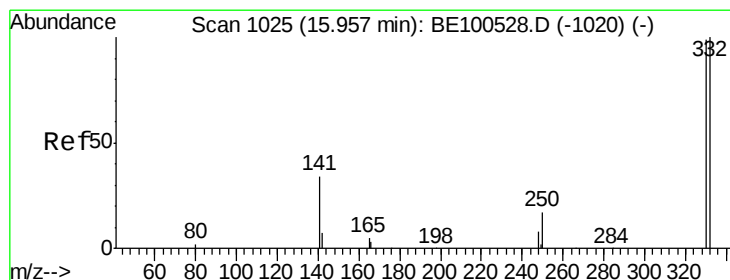
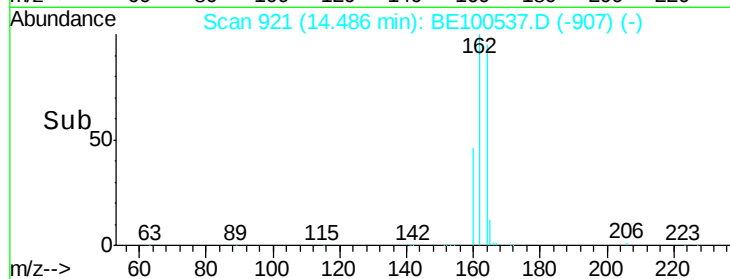
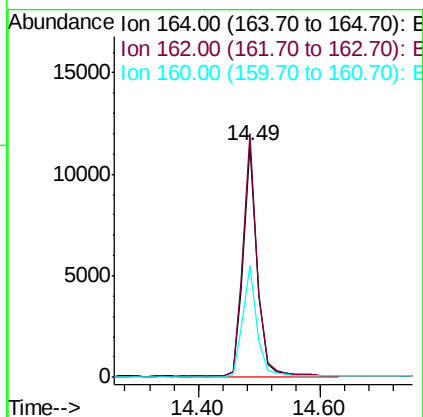
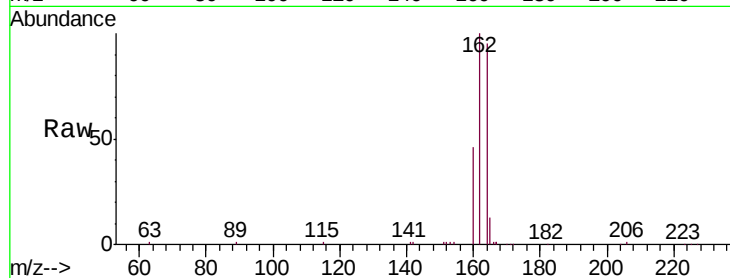
Ion 151.00 (150.70 to 151.70): BE1





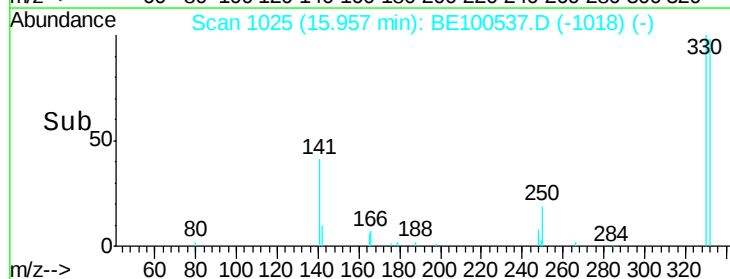
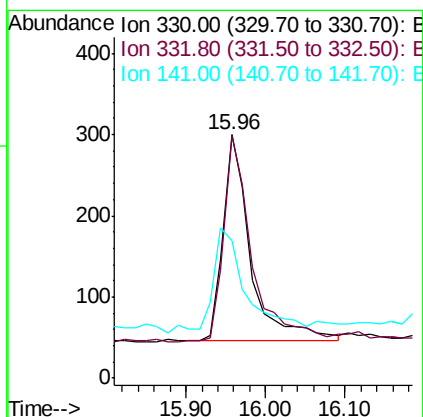
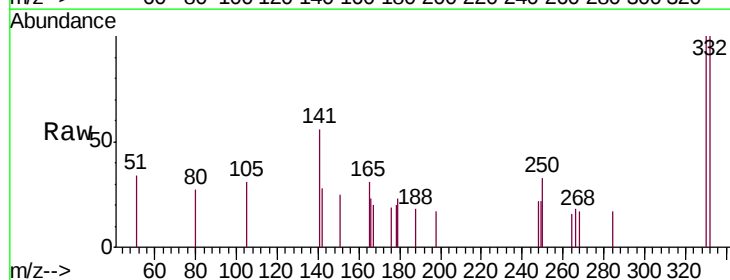
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

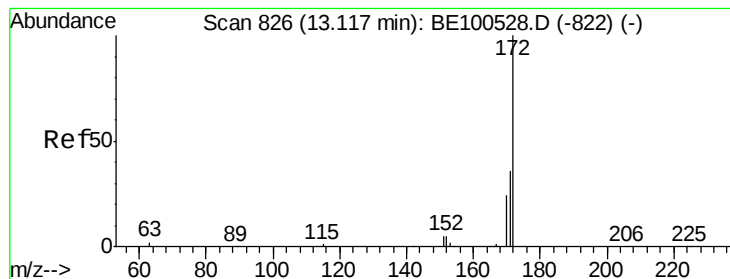
Tgt Ion:164 Resp: 18310
Ion Ratio Lower Upper
164 100
162 105.0 82.1 123.1
160 48.0 37.6 56.4



#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100537.D
Acq: 23 Sep 2019 13:09

Tgt Ion:330 Resp: 610
Ion Ratio Lower Upper
330 100
332 105.1 75.5 113.3
141 53.1 42.3 63.5





#15

2-Fluorobiphenyl

Concen: 0.313 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE100537.D

Acq: 23 Sep 2019 13:09

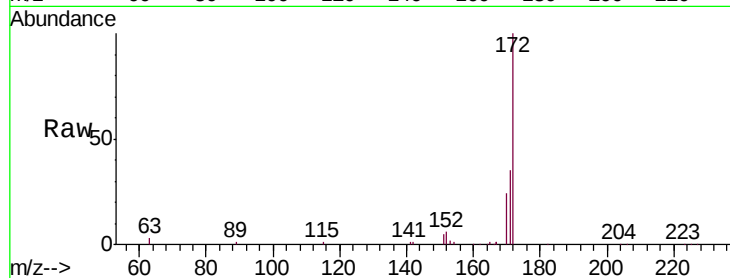
Tgt Ion:172 Resp: 20440

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

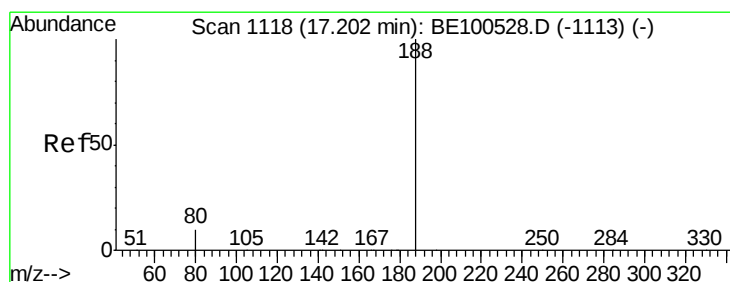
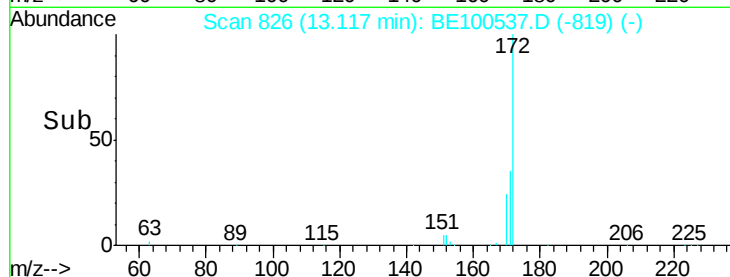
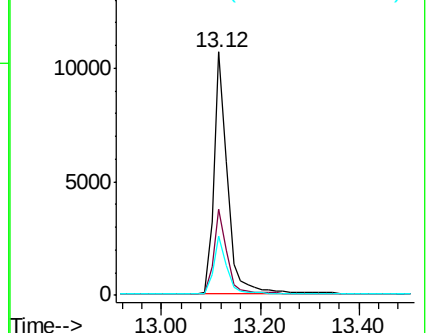
170 24.3 19.4 29.0



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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100537.D

Acq: 23 Sep 2019 13:09

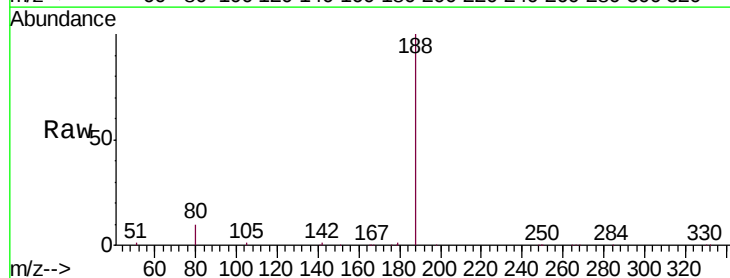
Tgt Ion:188 Resp: 37433

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

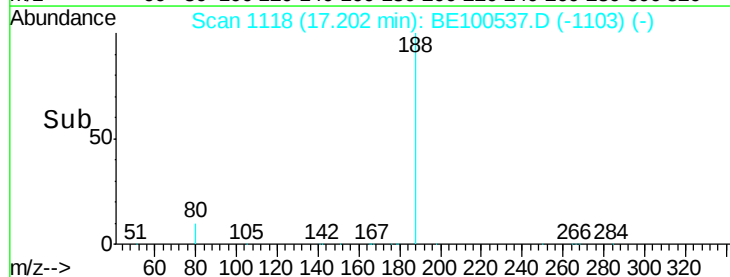
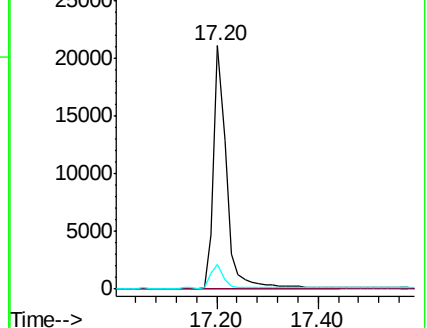
80 10.2 8.0 12.0

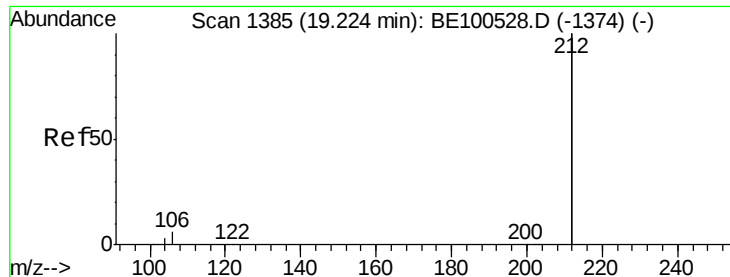


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.243 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE100537.D

Acq: 23 Sep 2019 13:09

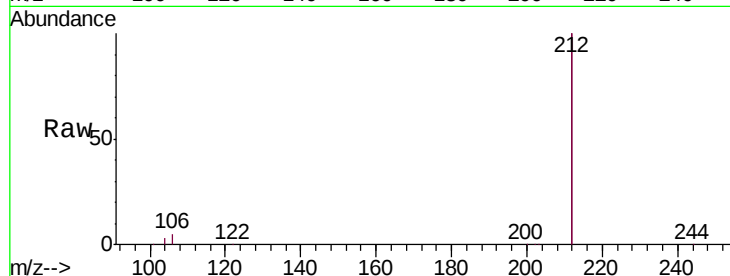
Tgt Ion: 212 Resp: 108349

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

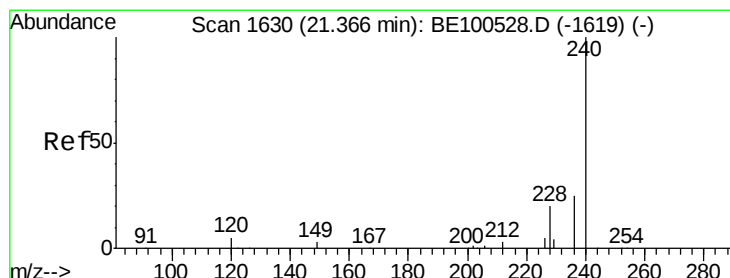
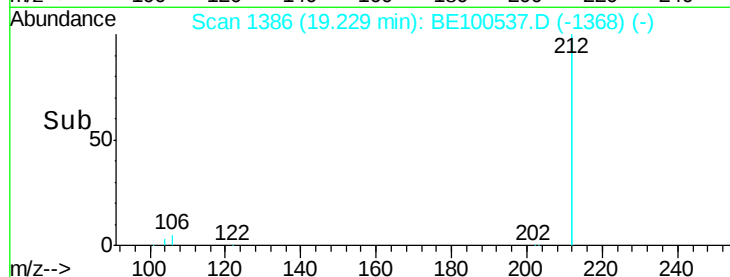
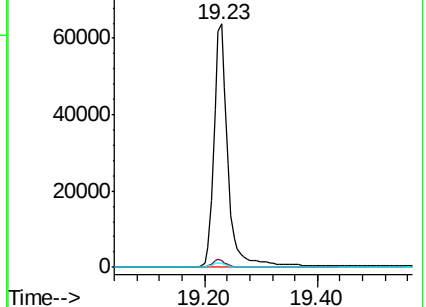
104 1.7 1.3 1.9



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100537.D

Acq: 23 Sep 2019 13:09

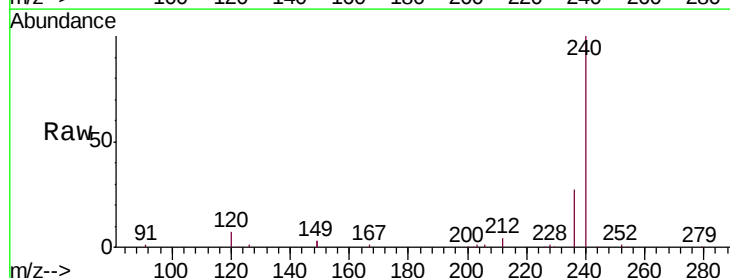
Tgt Ion: 240 Resp: 32285

Ion Ratio Lower Upper

240 100

120 6.8 4.5 6.7#

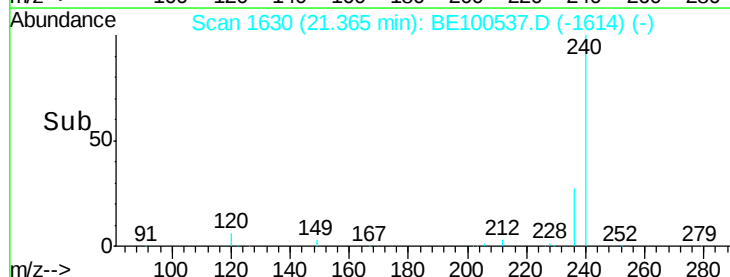
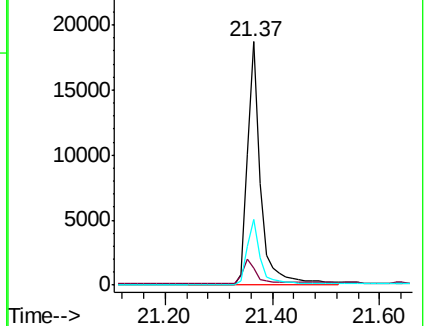
236 27.0 20.6 30.8

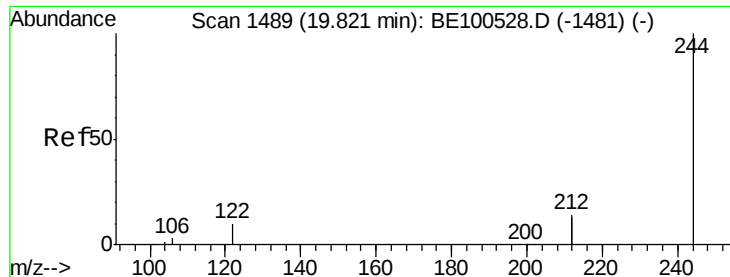


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

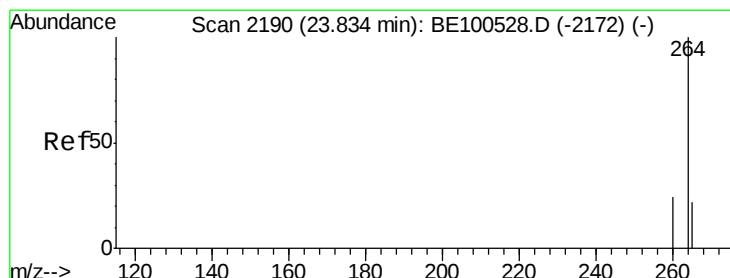
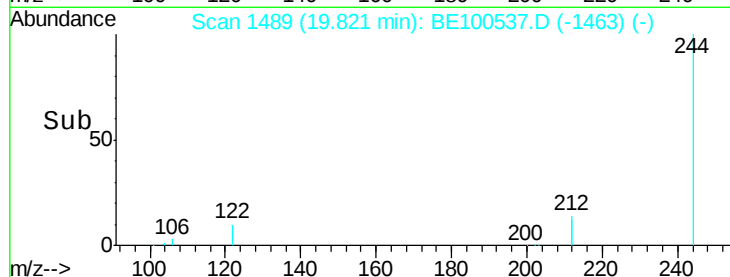
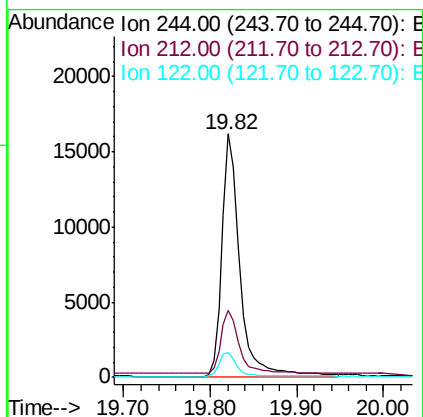
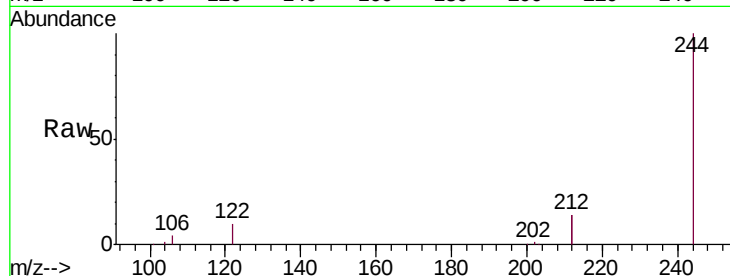
Ion 236.00 (235.70 to 236.70): E





#29
 Terphenyl-d14
 Concen: 0.308 ng
 RT: 19.82 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BE100537.D
 Acq: 23 Sep 2019 13:09

Tgt Ion: 244 Resp: 23521
 Ion Ratio Lower Upper
 244 100
 212 27.7 22.2 33.2
 122 10.4 8.3 12.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BE100537.D
 Acq: 23 Sep 2019 13:09

Tgt Ion: 264 Resp: 17327
 Ion Ratio Lower Upper
 264 100
 260 26.7 19.6 29.4
 265 33.0 21.8 32.8#

