

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100102.D
 Acq On : 20 Jun 2019 10:48
 Operator : JU/SJ
 Sample : PB120562BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120562BL

Quant Time: Jun 21 14:14:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	475	0.40	ng	0.01
7) Naphthalene-d8	10.57	136	1667	0.40	ng	0.04
13) Acenaphthene-d10	14.43	164	1399	0.40	ng	0.01
19) Phenanthrene-d10	17.19	188	3876	0.40	ng	0.03
27) Chrysene-d12	21.35	240	5520	0.40	ng	0.01
34) Perylene-d12	23.84	264	7857	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	323	0.33	ng	0.01
5) Phenol-d6	7.06	99	316	0.23	ng	0.13
8) Nitrobenzene-d5	9.03	82	306	0.19	ng	0.12
11) 2-Methylnaphthalene-d10	12.21	152	912	0.29	ng	0.06
14) 2,4,6-Tribromophenol	15.98	330	98	0.13	ng	0.07
15) 2-Fluorobiphenyl	13.07	172	1718	0.31	ng	0.03
25) Fluoranthene-d10	19.21	212	14924	0.27	ng	0.02
29) Terphenyl-d14	19.80	244	3761	0.34	ng	0.00

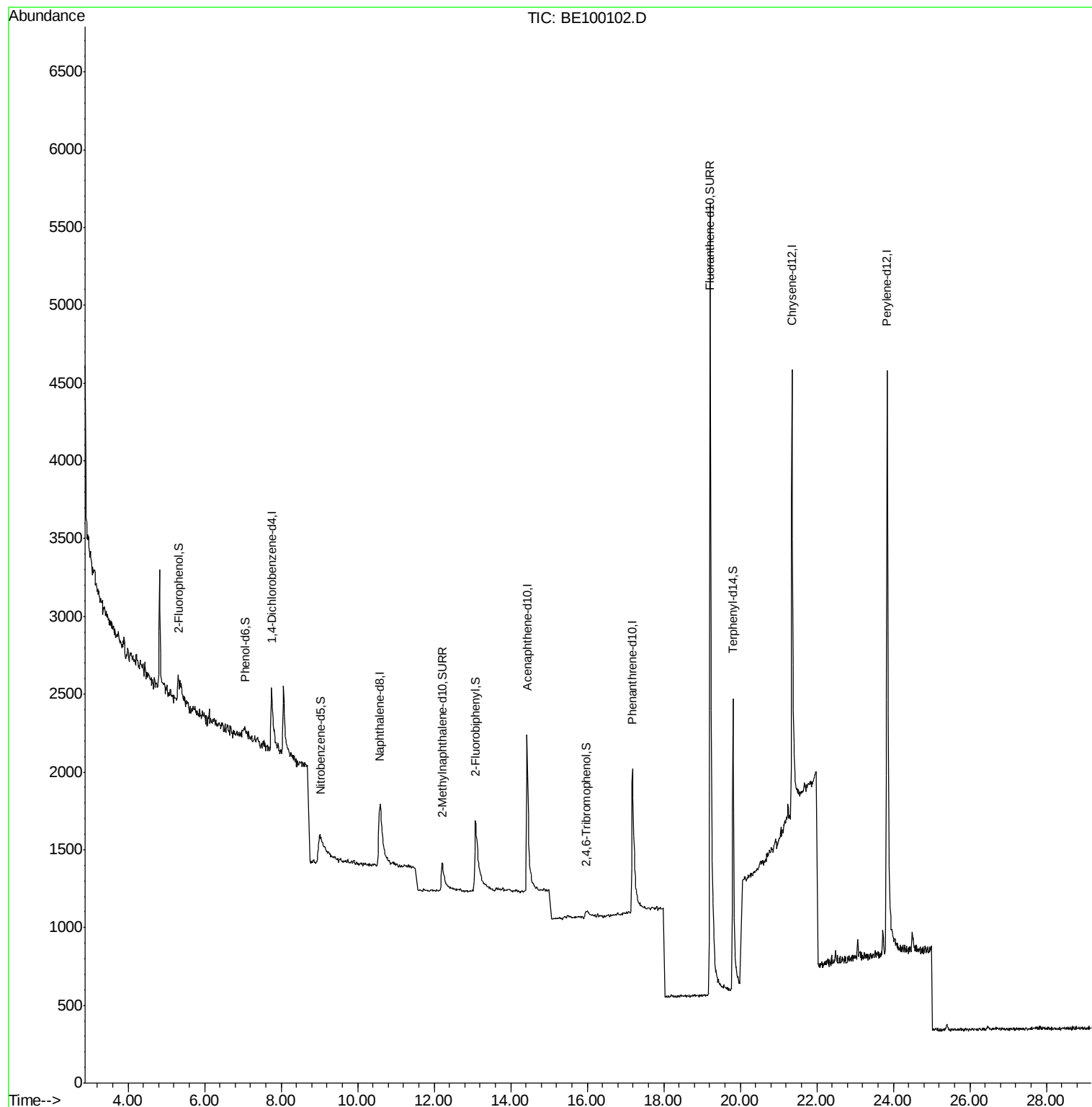
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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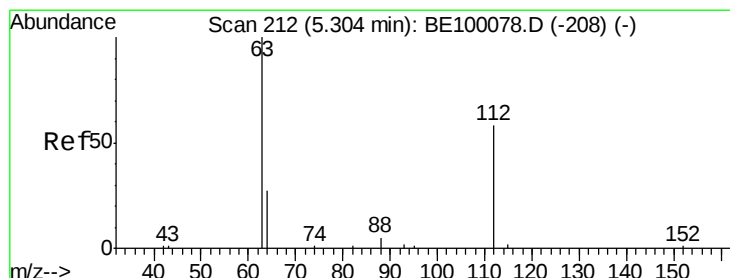
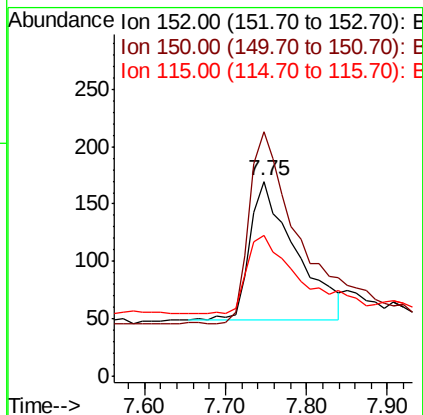
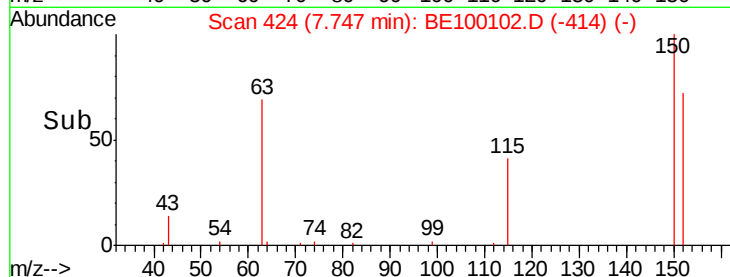
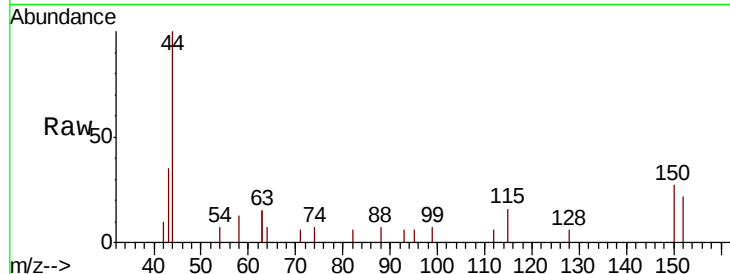


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.01 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

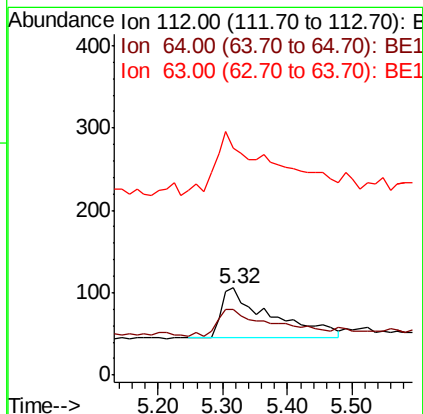
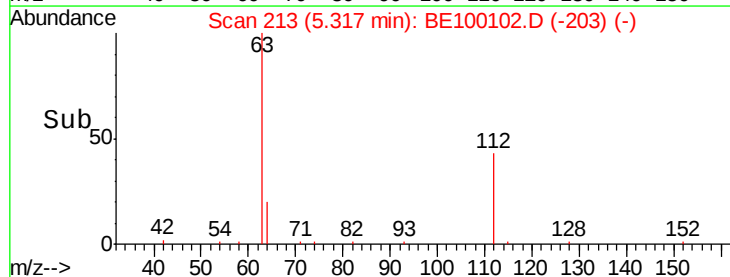
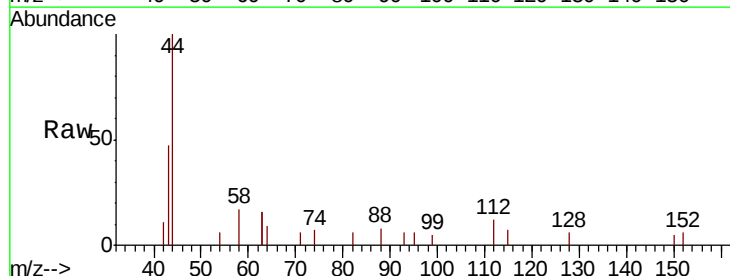
Tot Ion:152 Resp: 475
Ion Ratio Lower Upper
152 100
150 125.3 99.8 149.8
115 72.4 51.3 76.9

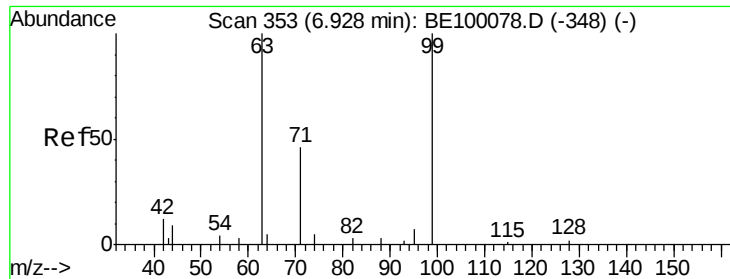


#4

2-Fluorophenol
Concen: 0.328 ng
RT: 5.32 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:112 Resp: 323
Ion Ratio Lower Upper
112 100
64 61.9 22.0 33.0#
63 154.8 121.8 182.6





#5

Phenol-d6

Concen: 0.233 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.13 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampled :

PB120562BL

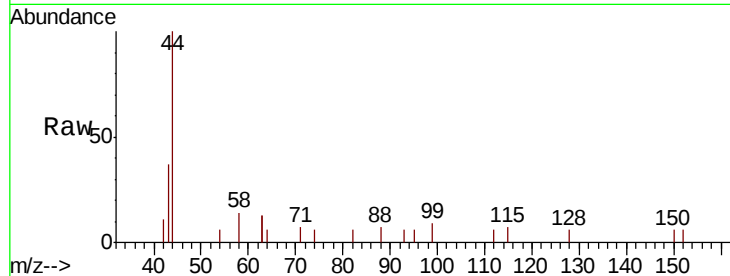
Tot Ion: 99 Resp: 316

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

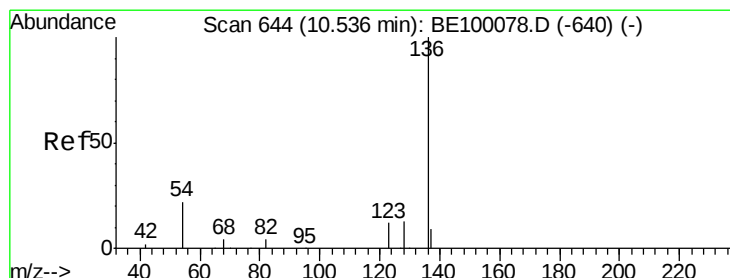
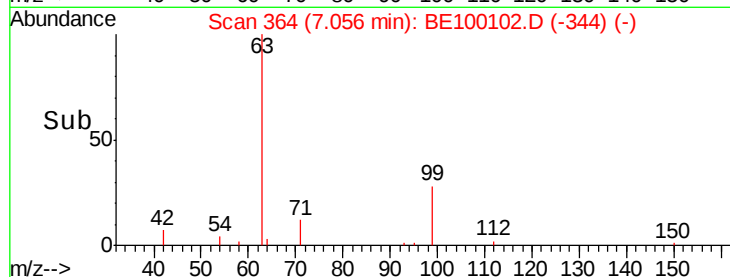
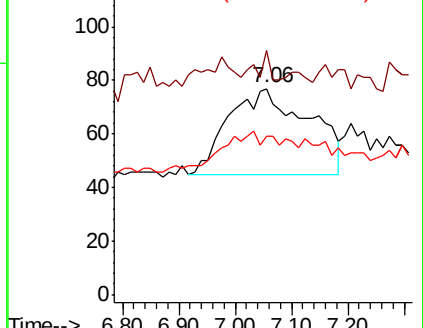
71 0.0 37.6 56.4#



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: 10.57 min Scan# 647

Delta R.T. 0.04 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Tgt Ion: 136 Resp: 1667

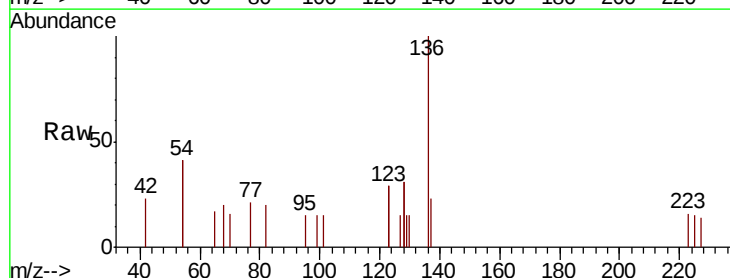
Ion Ratio Lower Upper

136 100

137 22.6 11.6 17.4#

54 81.9 33.9 50.9#

68 20.0 7.8 11.8#

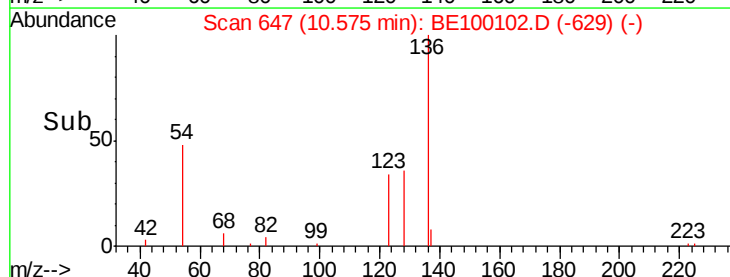
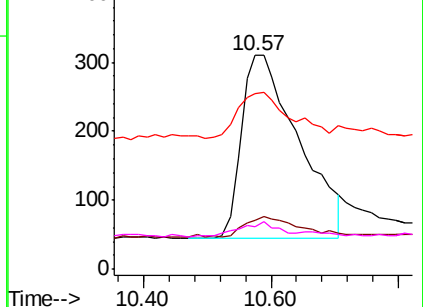


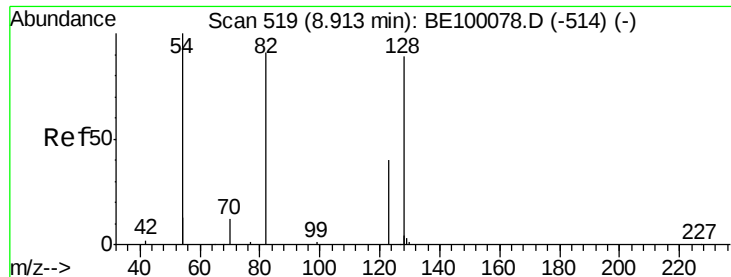
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.189 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.12 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

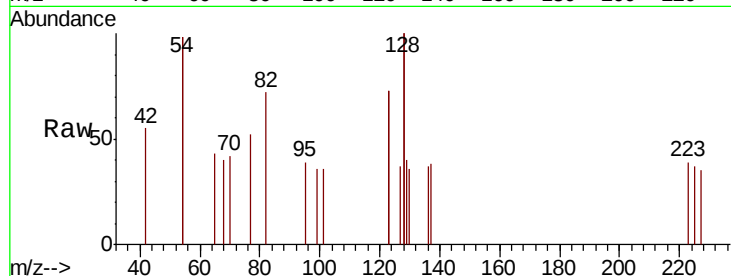
Tot Ion: 82 Resp: 306

Ion Ratio Lower Upper

82 100

128 277.8 128.0 192.0#

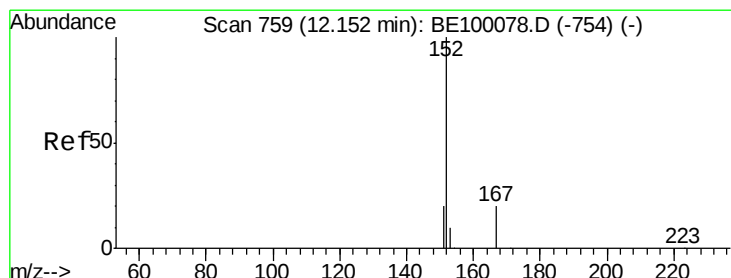
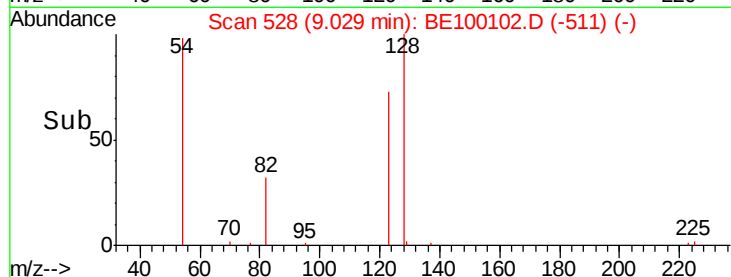
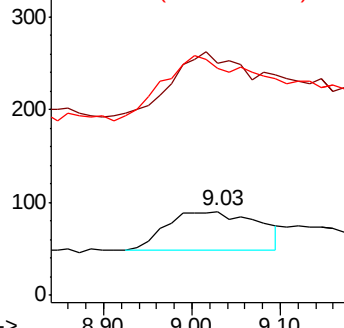
54 271.1 143.4 215.0#



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: 0.288 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.06 min

Lab File: BE100102.D

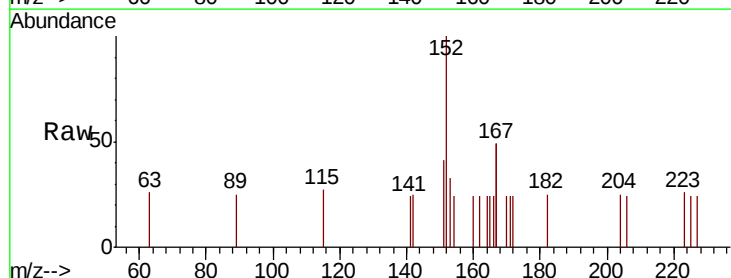
Acq: 20 Jun 2019 10:48

Tgt Ion: 152 Resp: 912

Ion Ratio Lower Upper

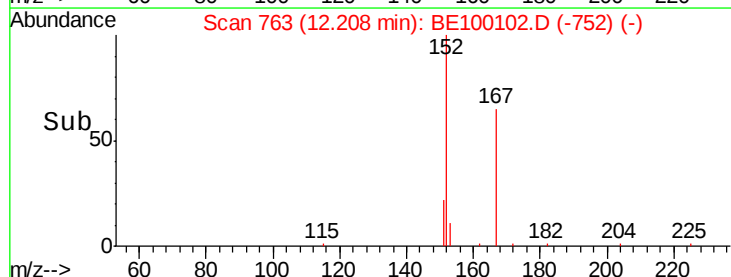
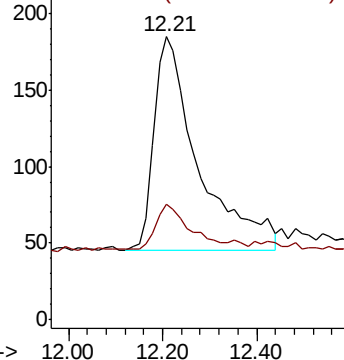
152 100

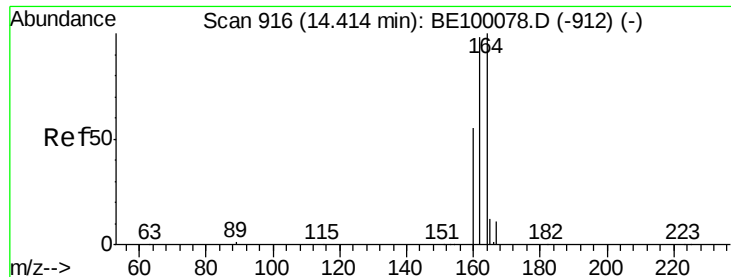
151 15.8 16.3 24.5#



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: 14.43 min Scan# 917

Delta R.T. 0.01 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

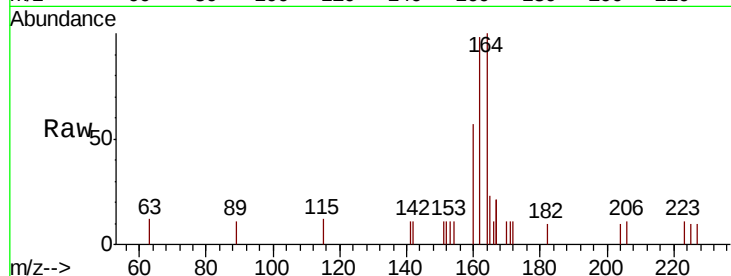
Tot Ion:164 Resp: 1399

Ion Ratio Lower Upper

164 100

162 98.4 78.2 117.2

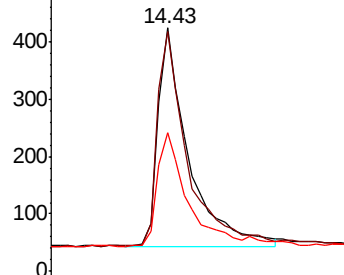
160 56.7 45.6 68.4



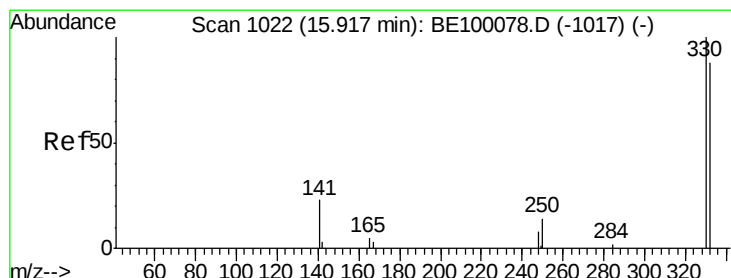
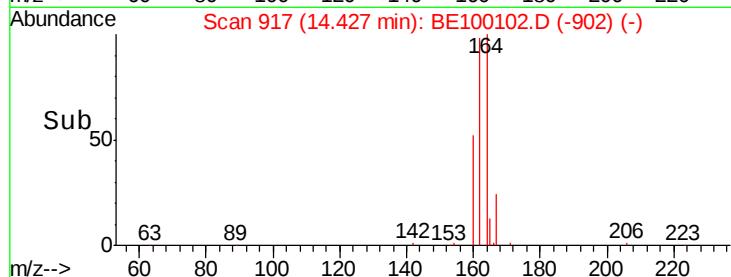
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.127 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.07 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

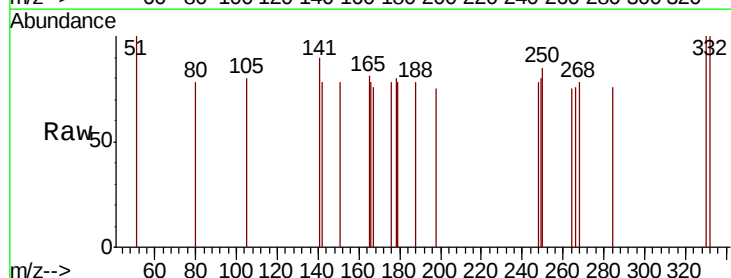
Tgt Ion:330 Resp: 98

Ion Ratio Lower Upper

330 100

332 0.0 73.3 109.9#

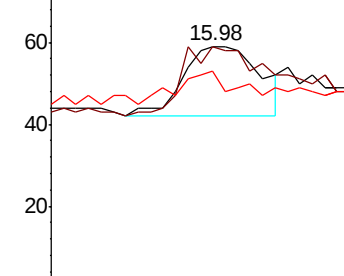
141 29.6 22.2 33.2



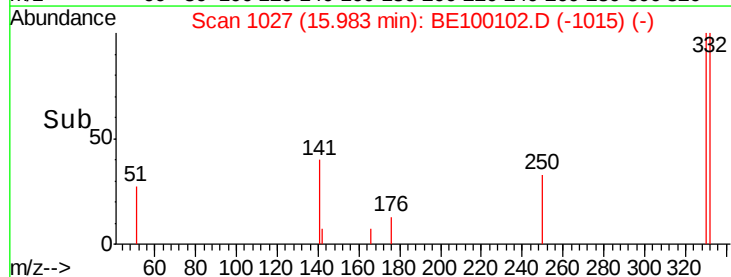
Abundance Ion 330.00 (329.70 to 330.70): E

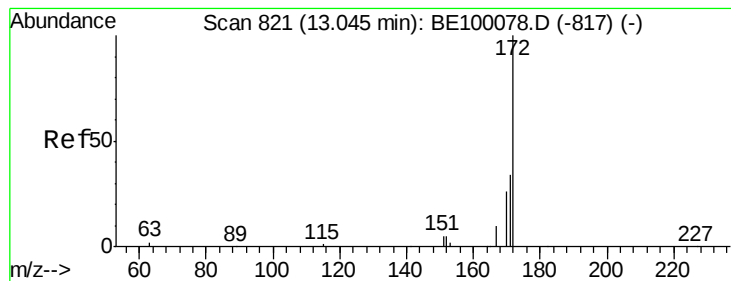
80 Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

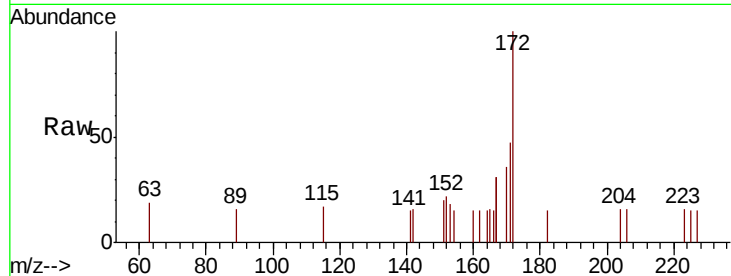




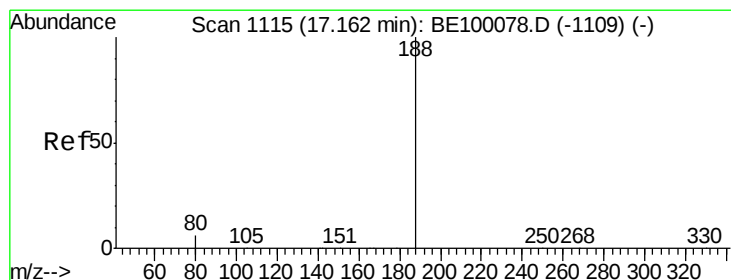
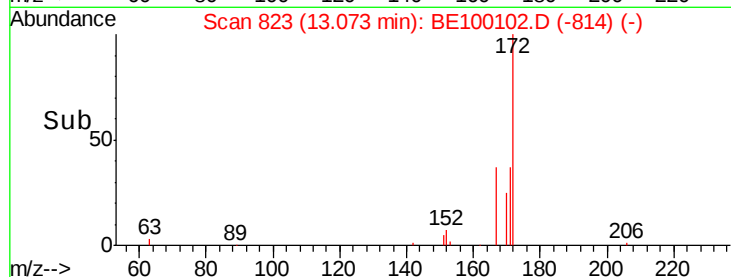
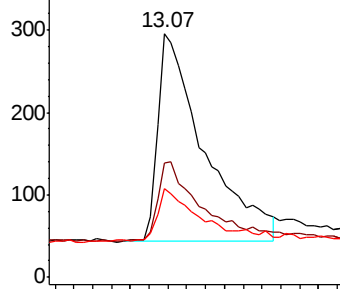
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.07 min Scan# 823
Delta R.T. 0.03 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120562BL

Tot Ion:172 Resp: 1718
Ion Ratio Lower Upper
172 100
171 47.0 29.8 44.8#
170 36.1 23.2 34.8#

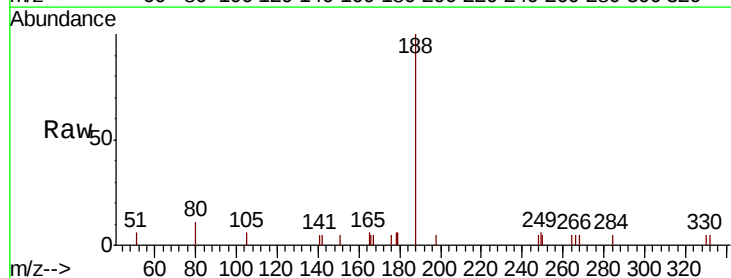


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

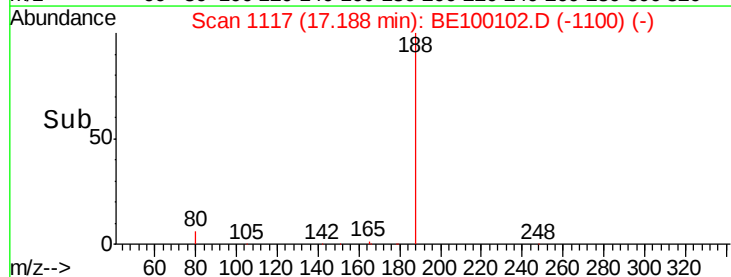
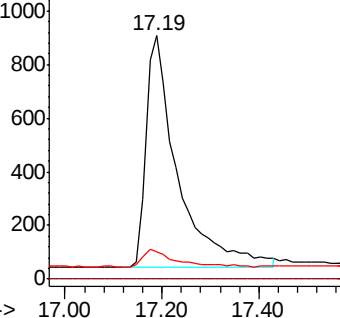


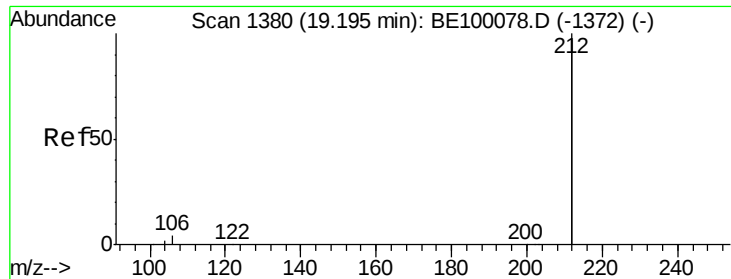
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE100102.D
Acq: 20 Jun 2019 10:48

Tgt Ion:188 Resp: 3876
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 6.3 9.5#



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

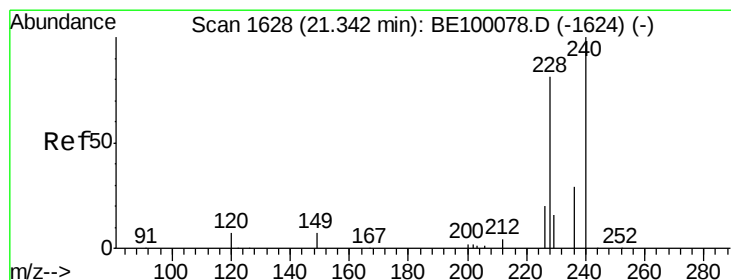
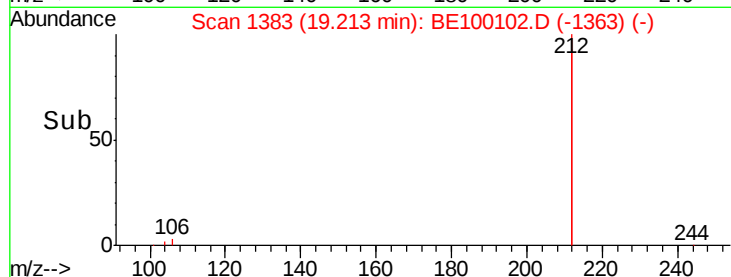
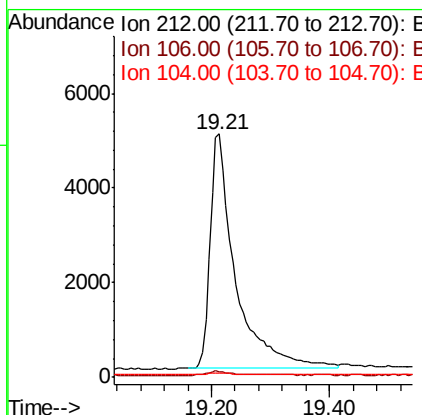
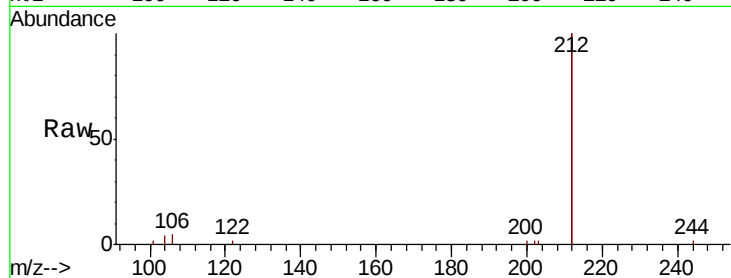




#25
 Fluoranthene-d10
 Concen: 0.269 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. 0.02 min
 Lab File: BE100102.D
 Acq: 20 Jun 2019 10:48

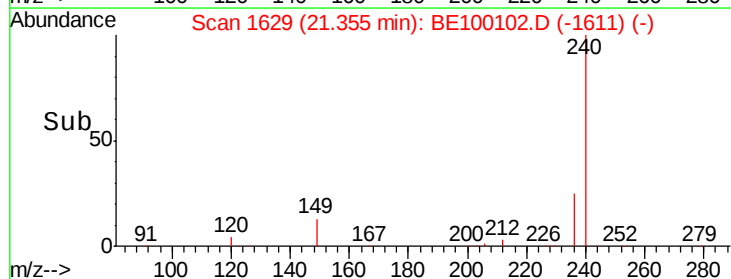
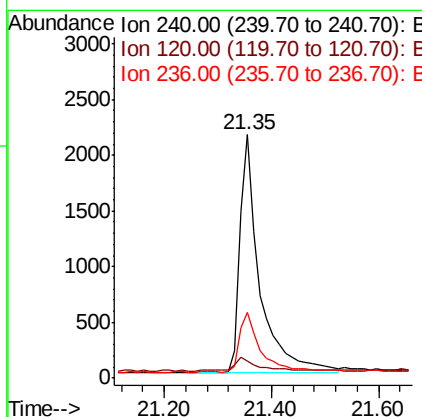
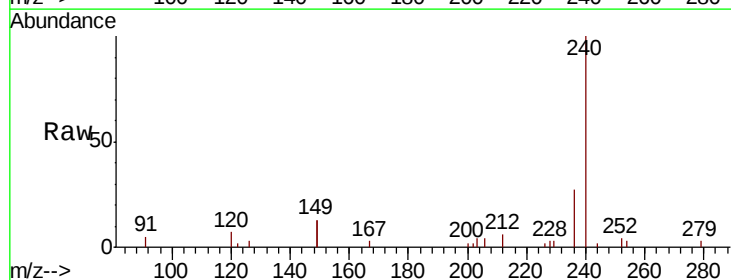
Instrument :
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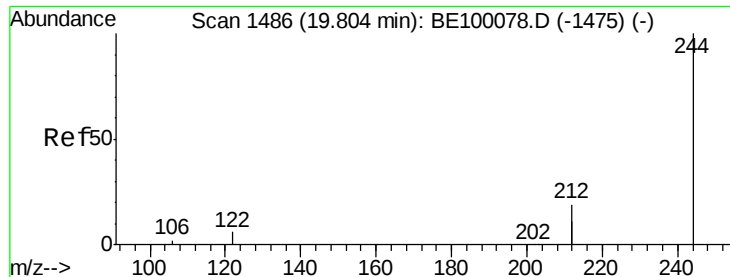
Tot Ion:212 Resp: 14924
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.0
 104 1.0 0.8 1.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BE100102.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:240 Resp: 5520
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.6 10.0
 236 26.8 23.8 35.6





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120562BL

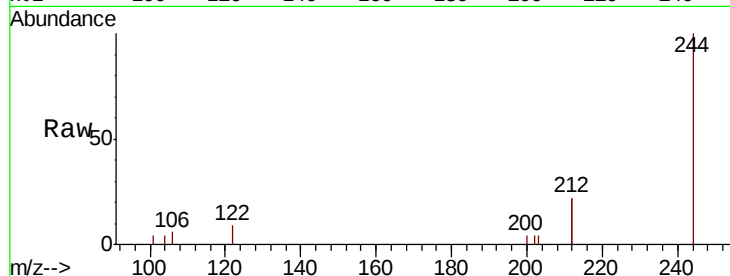
Tot Ion:244 Resp: 3761

Ion Ratio Lower Upper

244 100

212 43.5 29.8 44.8

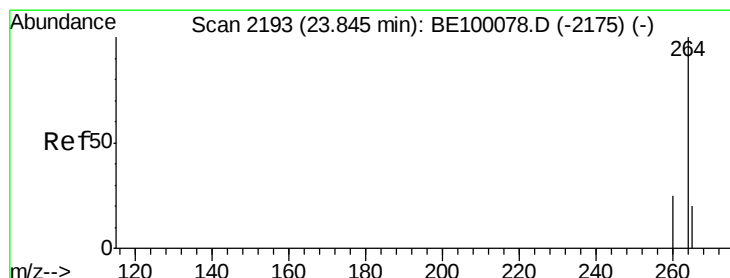
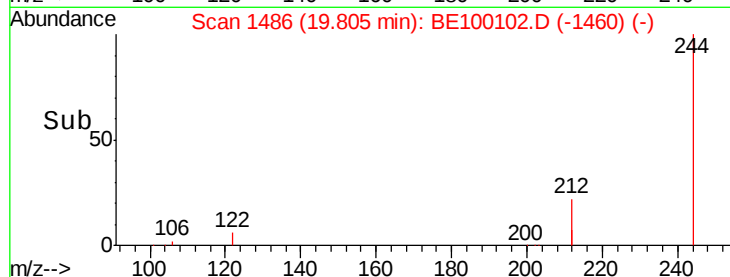
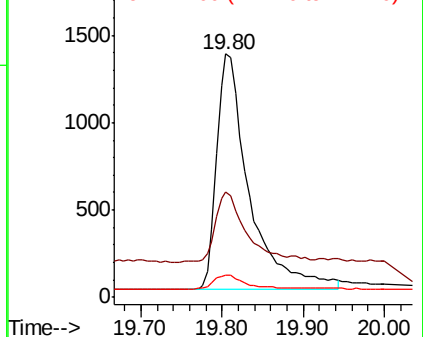
122 9.0 6.1 9.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE100102.D

Acq: 20 Jun 2019 10:48

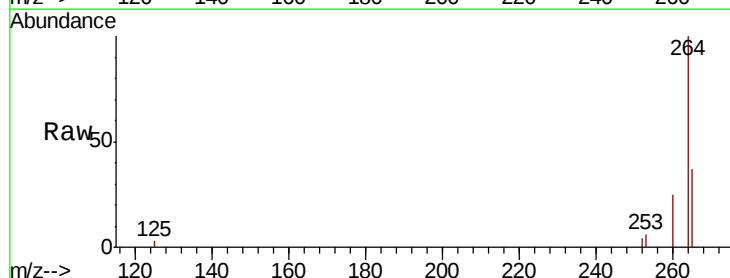
Tgt Ion:264 Resp: 7857

Ion Ratio Lower Upper

264 100

260 25.4 20.8 31.2

265 36.6 23.2 34.8#



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

