

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011751.D
 Acq On : 20 Sep 2022 00:28
 Operator : CG/JU
 Sample : N4678-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5869-1

Quant Time: Sep 20 04:53:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	405357	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1820496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1211469	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2547335	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2397758	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	2323774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2204054	98.970	ng	0.00
7) Phenol-d6	7.093	99	2144907	72.253	ng	0.00
23) Nitrobenzene-d5	9.104	82	2753206	89.692	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1639000	173.152	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	6621463	84.960	ng	0.00
79) Terphenyl-d14	19.880	244	10524889	95.453	ng	0.00

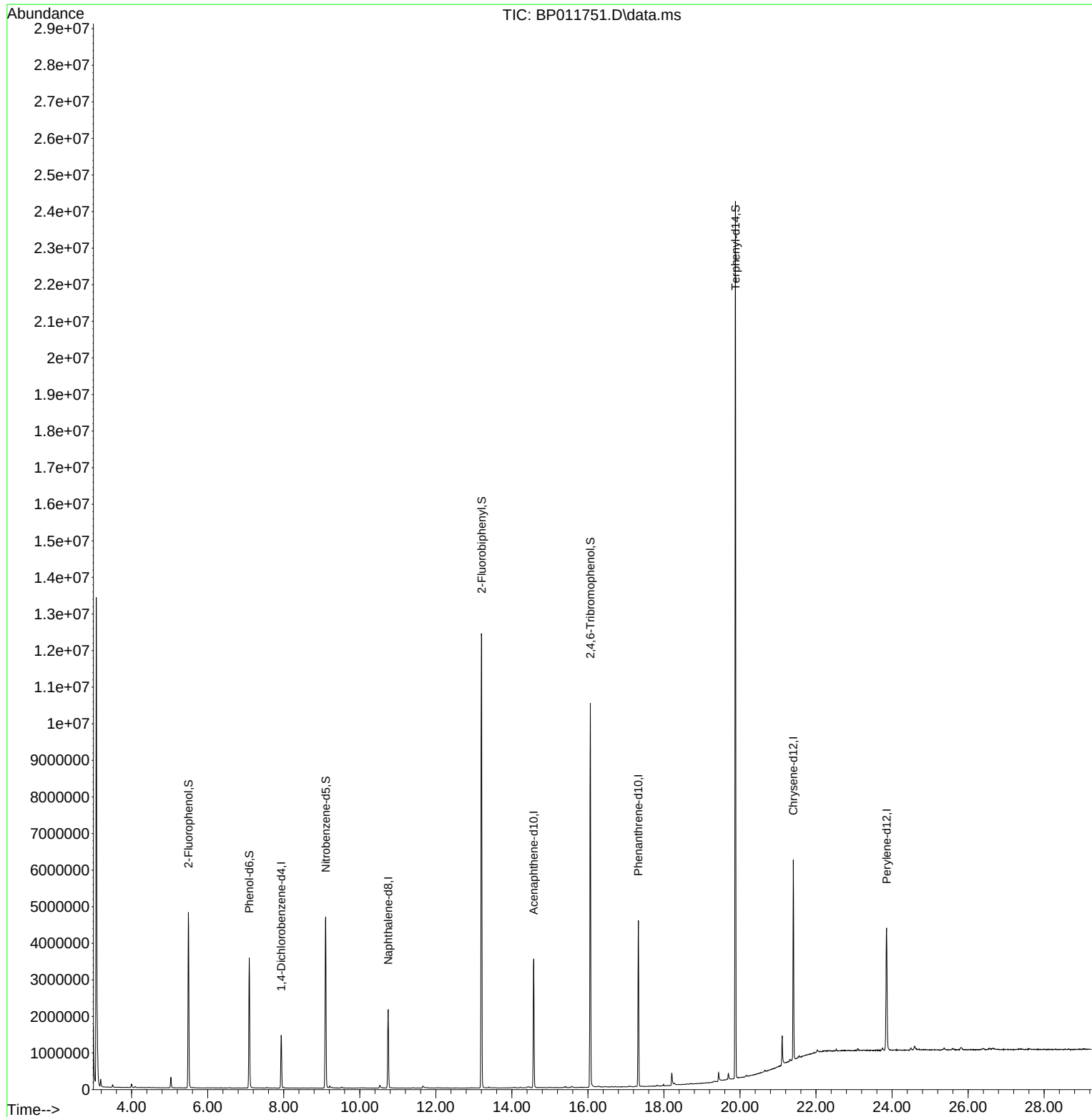
Target Compounds Qvalue

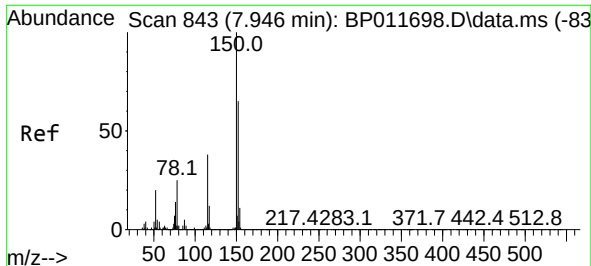
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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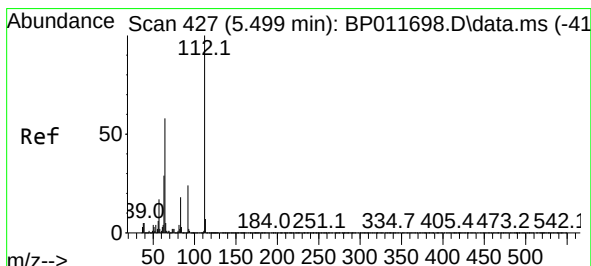
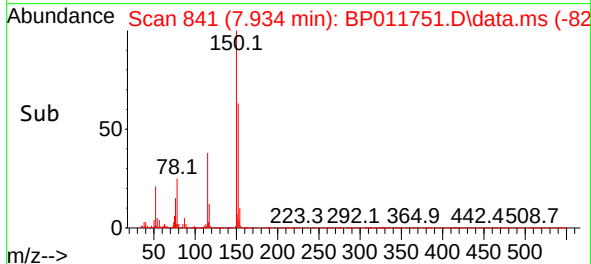
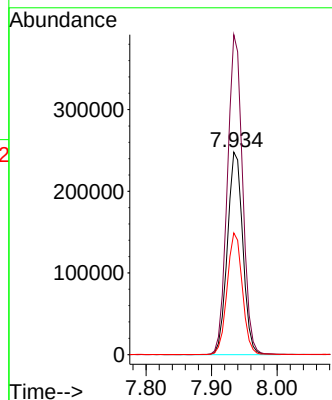
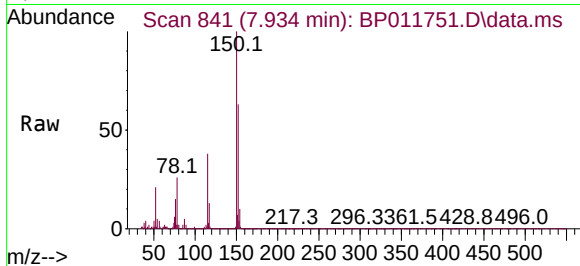




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

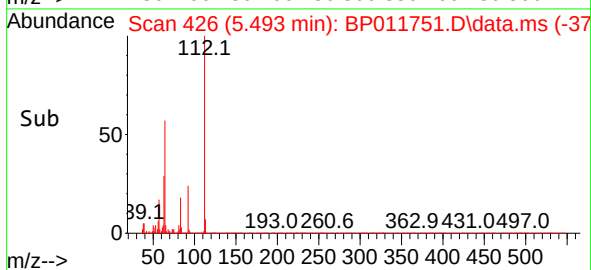
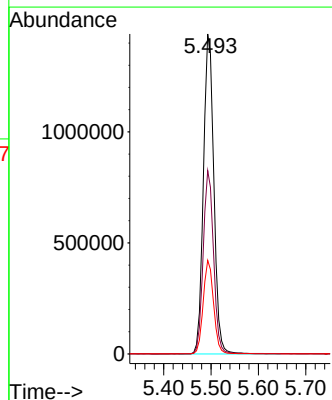
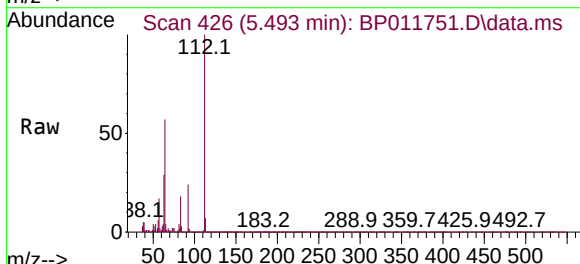
Instrument :
BNA_P
ClientSampleId :
5869-1

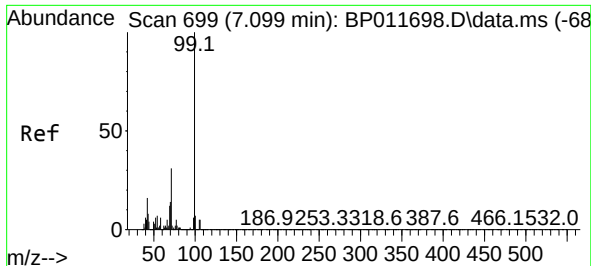
Tgt Ion:152 Resp: 405357
Ion Ratio Lower Upper
152 100
150 158.0 123.4 185.2
115 60.0 51.3 76.9



#5
2-Fluorophenol
Concen: 98.970 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:112 Resp: 2204054
Ion Ratio Lower Upper
112 100
64 57.3 56.9 85.3
63 29.2 31.2 46.8#

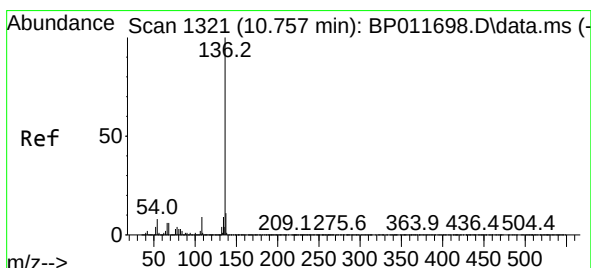
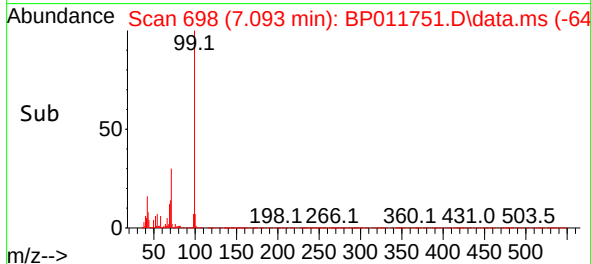
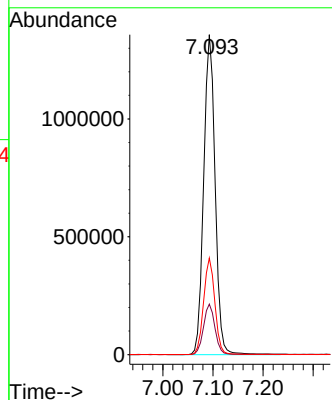
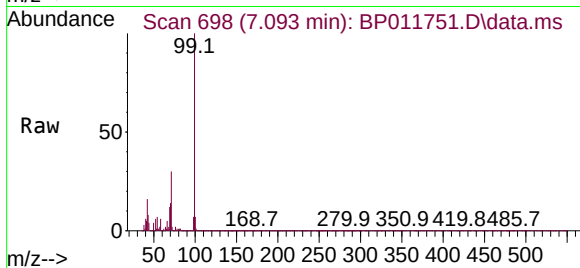




#7
Phenol-d6
Concen: 72.253 ng
RT: 7.093 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

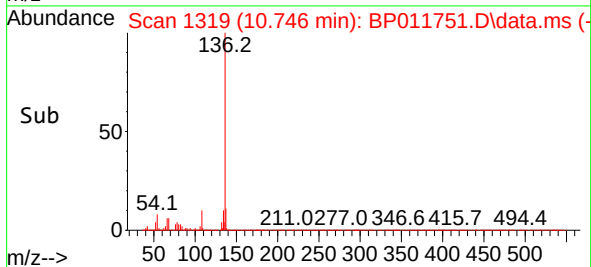
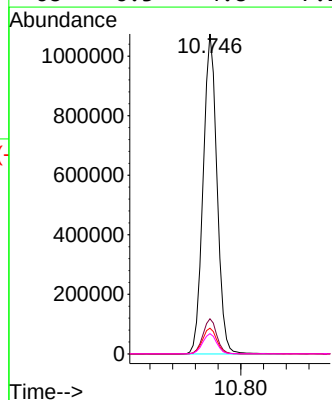
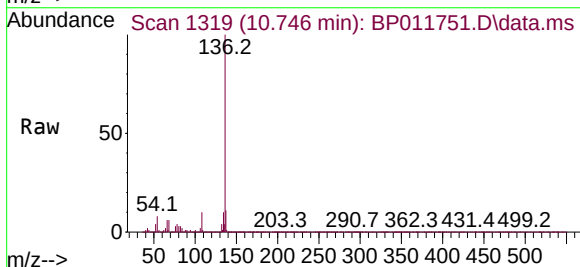
Instrument :
BNA_P
ClientSampleId :
5869-1

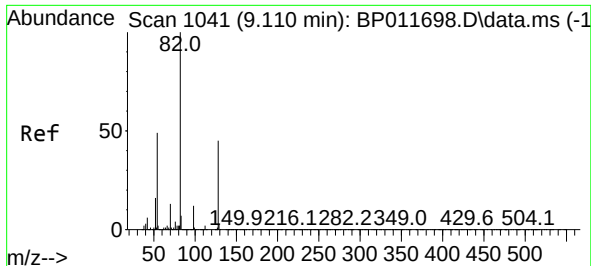
Tgt Ion: 99 Resp: 2144907
Ion Ratio Lower Upper
99 100
42 15.8 20.3 30.5#
71 30.2 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion: 136 Resp: 1820496
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 8.7 13.1#
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.692 ng

RT: 9.104 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

Instrument :

BNA_P

ClientSampleId :

5869-1

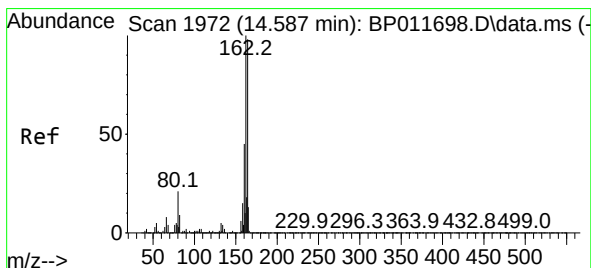
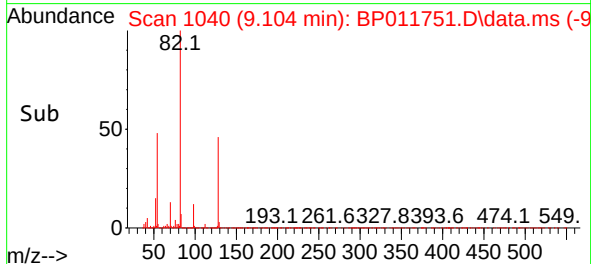
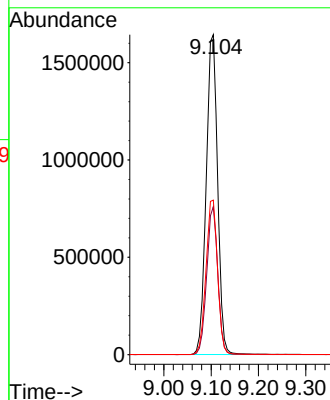
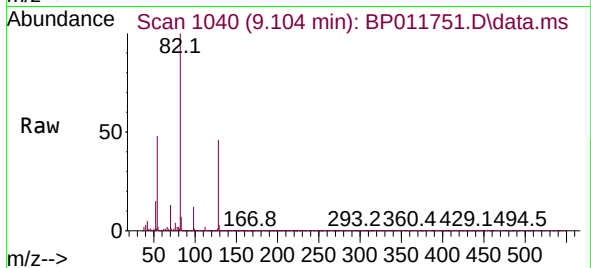
Tgt Ion: 82 Resp: 2753206

Ion Ratio Lower Upper

82 100

128 46.2 31.3 46.9

54 48.3 49.8 74.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

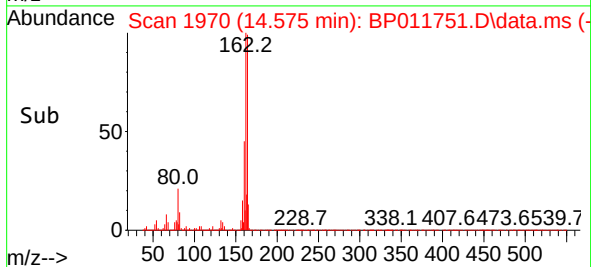
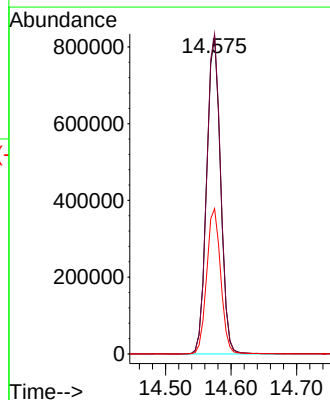
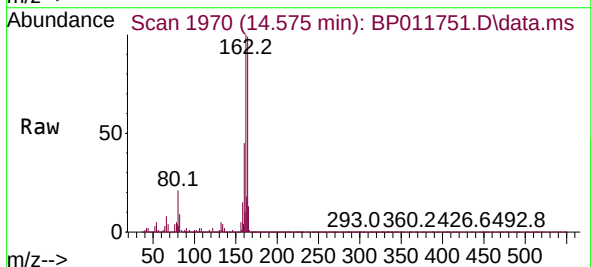
Tgt Ion: 164 Resp: 1211469

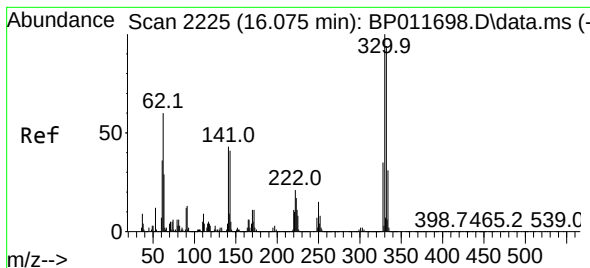
Ion Ratio Lower Upper

164 100

162 100.8 81.9 122.9

160 45.7 34.6 51.8

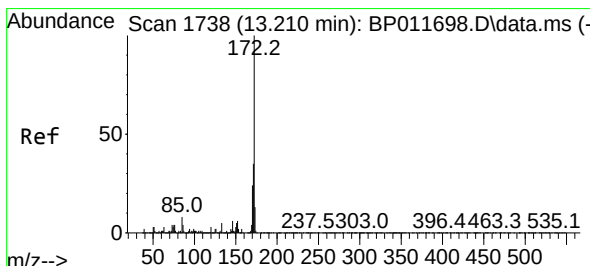
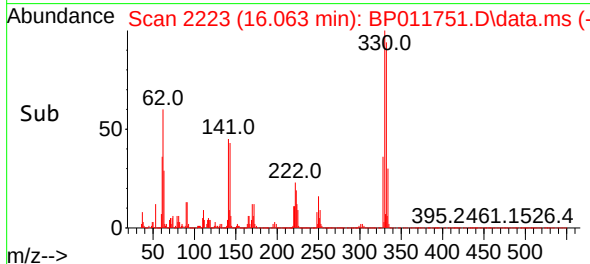
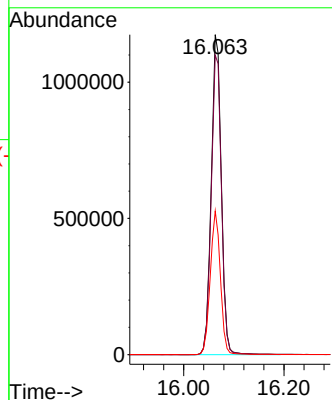
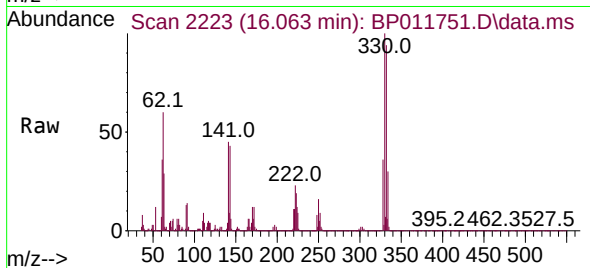




#42
2,4,6-Tribromophenol
Concen: 173.152 ng
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

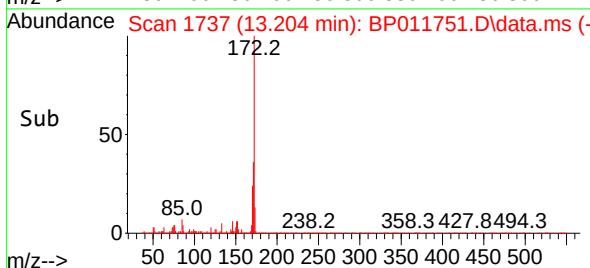
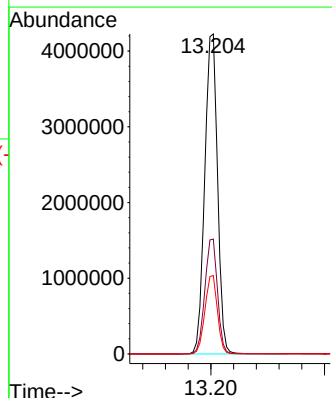
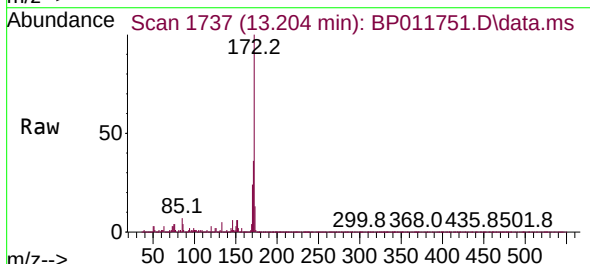
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5869-1

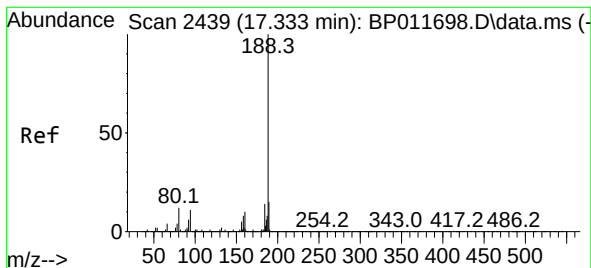
Tgt Ion:330 Resp: 1639000
Ion Ratio Lower Upper
330 100
332 95.2 78.1 117.1
141 45.3 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 84.960 ng
RT: 13.204 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BP011751.D
Acq: 20 Sep 2022 00:28

Tgt Ion:172 Resp: 6621463
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.5 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

Instrument :

BNA_P

ClientSampleId :

5869-1

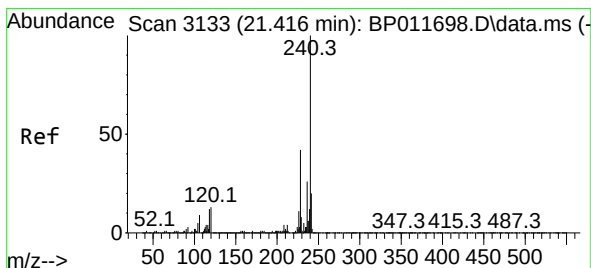
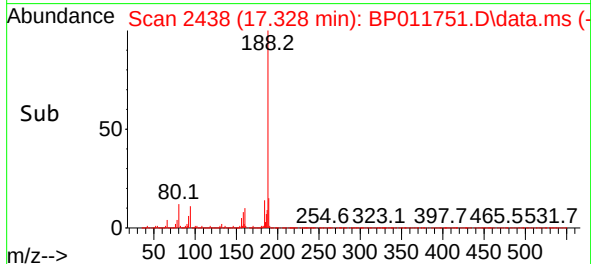
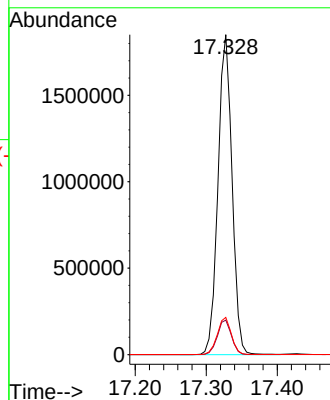
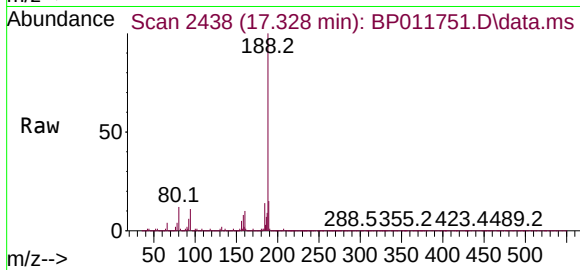
Tgt Ion:188 Resp: 2547335

Ion Ratio Lower Upper

188 100

94 10.8 6.6 10.0#

80 11.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

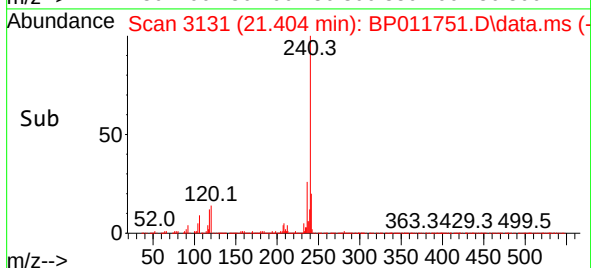
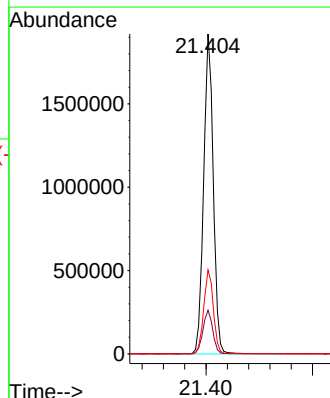
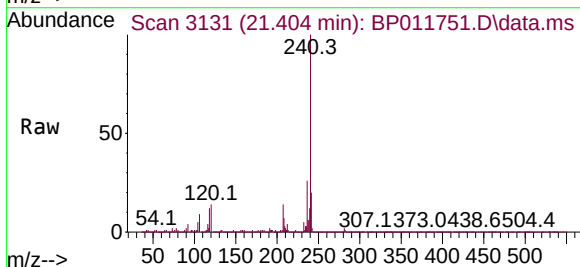
Tgt Ion:240 Resp: 2397758

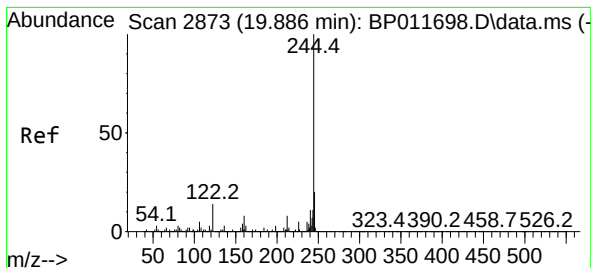
Ion Ratio Lower Upper

240 100

120 13.6 8.6 12.8#

236 26.2 19.8 29.6





#79

Terphenyl-d14

Concen: 95.453 ng

RT: 19.880 min Scan# 2873

Delta R.T. 0.006 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

Instrument :

BNA_P

ClientSampleId :

5869-1

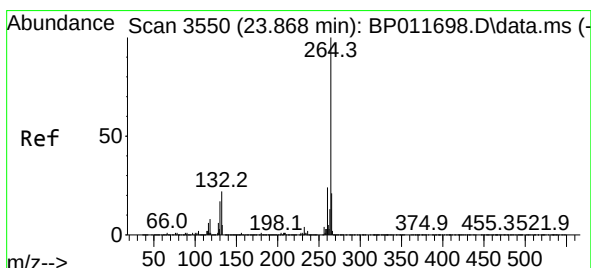
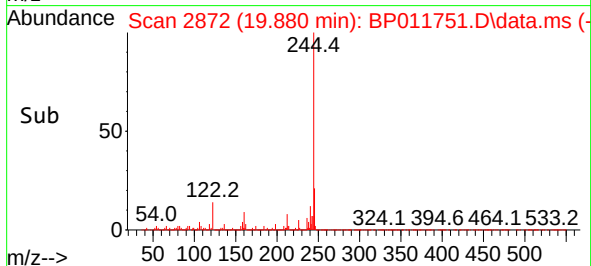
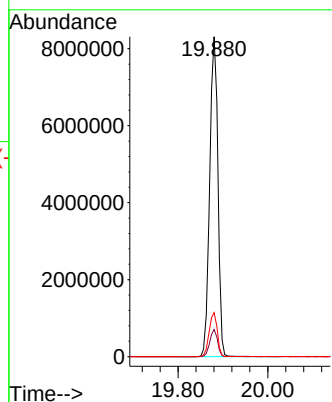
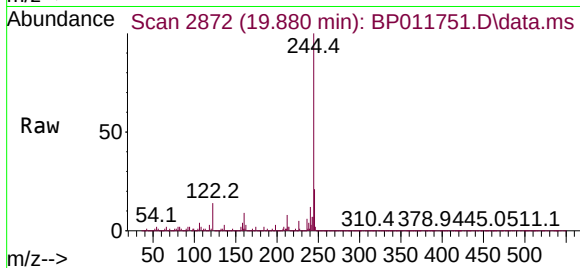
Tgt Ion:244 Resp:10524889

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

122 13.7 7.6 11.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3548

Delta R.T. 0.000 min

Lab File: BP011751.D

Acq: 20 Sep 2022 00:28

Tgt Ion:264 Resp: 2323774

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.2 18.0 27.0

