

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
 Data File : BP011590.D
 Acq On : 26 Aug 2022 21:33
 Operator : CG/JU
 Sample : N4355-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-42

Quant Time: Aug 27 01:19:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 27 00:36:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	76213	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	344707	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	219210	20.000	ng	0.00
64) Phenanthrene-d10	16.986	188	483008	20.000	ng	0.00
76) Chrysene-d12	21.110	240	550589	20.000	ng	-0.01
86) Perylene-d12	23.392	264	626946	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	199861	43.006	ng	0.00
7) Phenol-d6	6.734	99	224033	36.137	ng	0.00
23) Nitrobenzene-d5	8.704	82	319902	43.391	ng	-0.01
42) 2,4,6-Tribromophenol	15.722	330	214474	76.390	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	657276	45.098	ng	0.00
79) Terphenyl-d14	19.586	244	1074907	37.897	ng	0.00

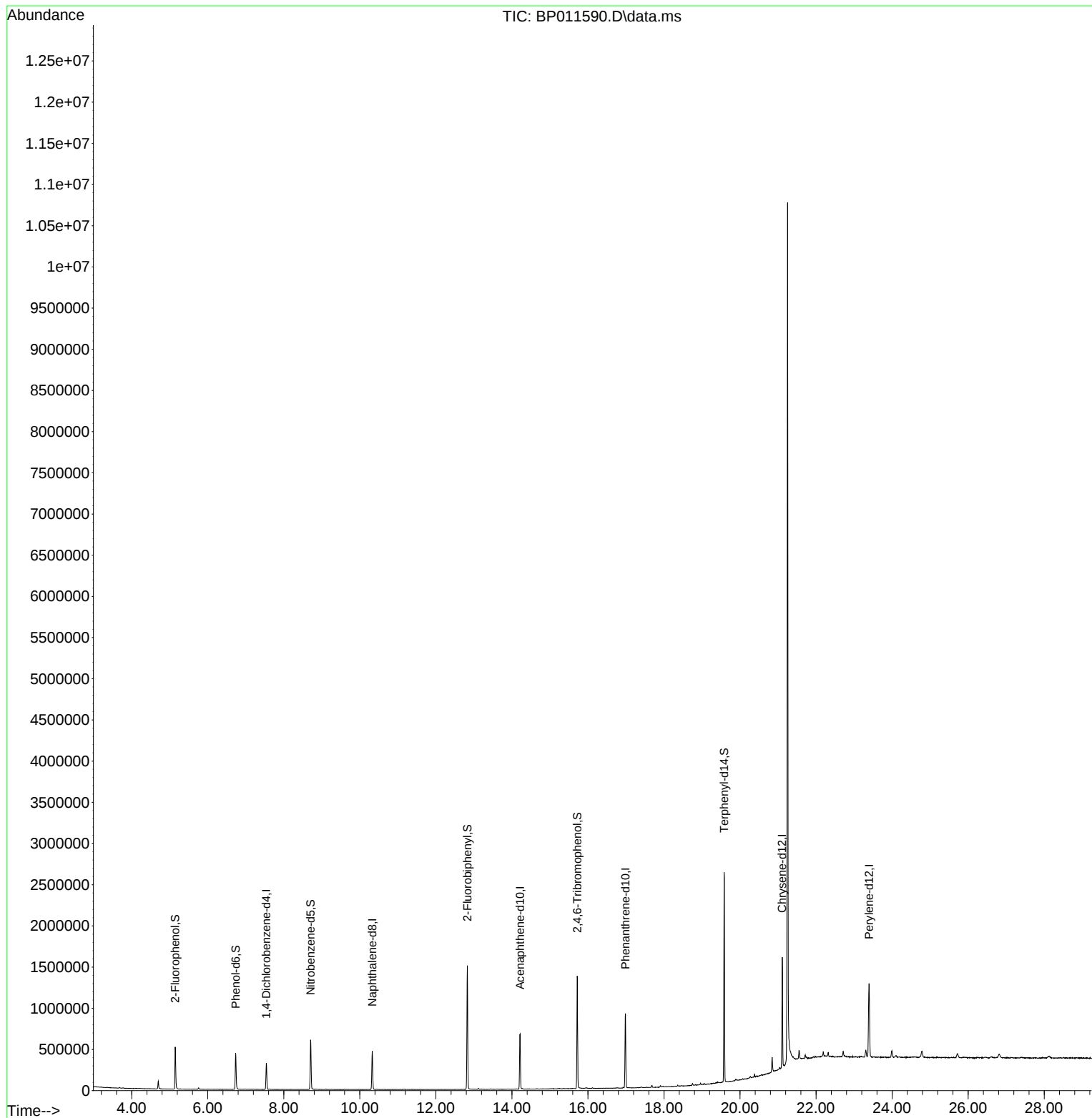
Target Compounds	Qvalue

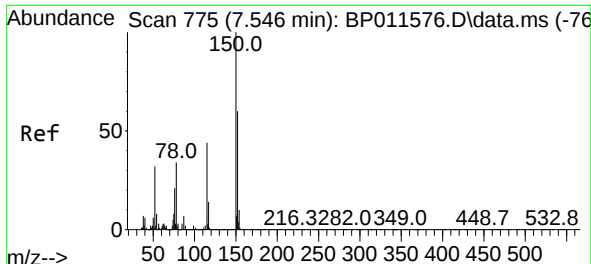
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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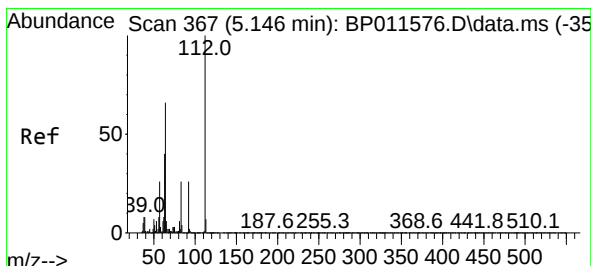
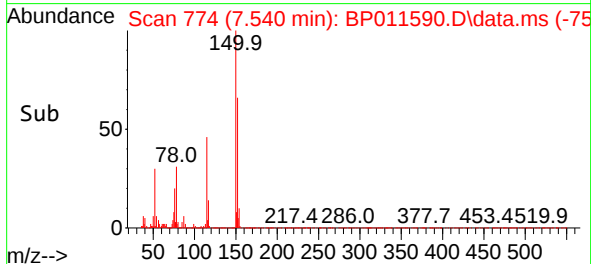
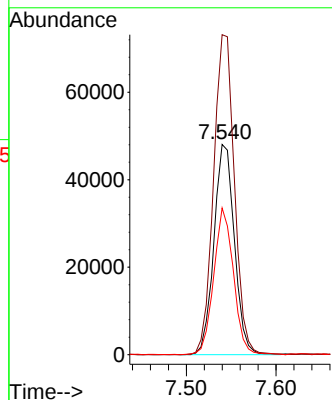
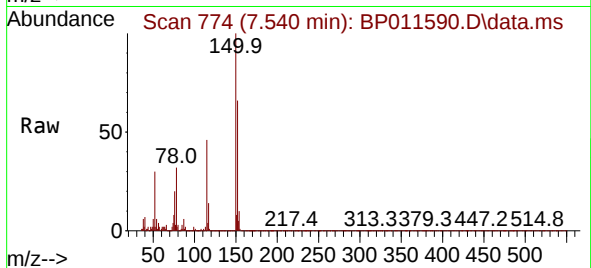




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP011590.D
Acq: 26 Aug 2022 21:33

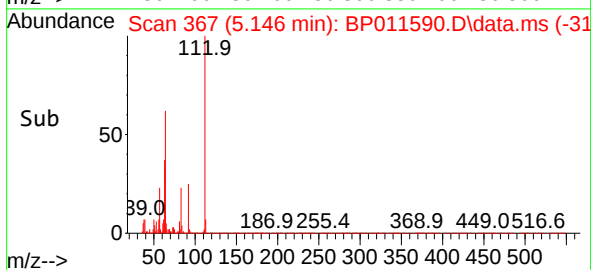
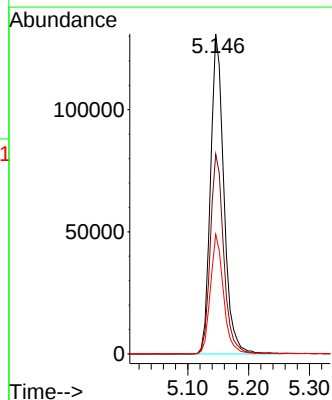
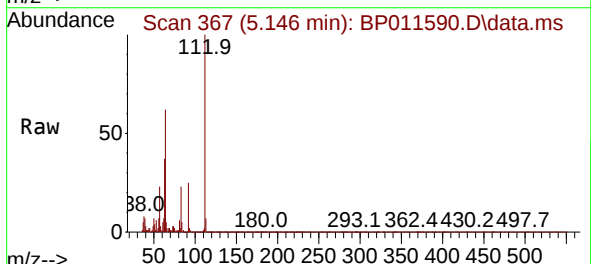
Instrument :
BNA_P
ClientSampleId :
MW-42

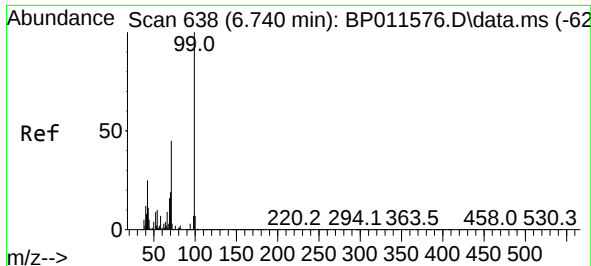
Tgt Ion:152 Resp: 76213
Ion Ratio Lower Upper
152 100
150 152.2 123.4 185.2
115 69.8 51.3 76.9



#5
2-Fluorophenol
Concen: 43.006 ng
RT: 5.146 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP011590.D
Acq: 26 Aug 2022 21:33

Tgt Ion:112 Resp: 199861
Ion Ratio Lower Upper
112 100
64 62.4 56.9 85.3
63 37.4 31.2 46.8





#7

Phenol-d6

Concen: 36.137 ng

RT: 6.734 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP011590.D

Acq: 26 Aug 2022 21:33

Instrument :

BNA_P

ClientSampleId :

MW-42

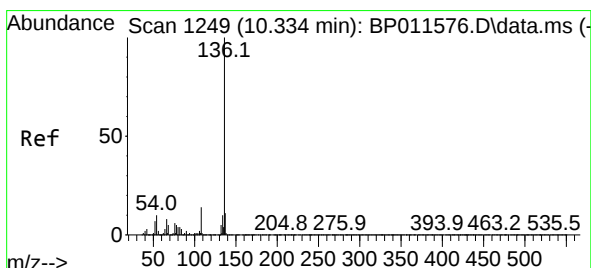
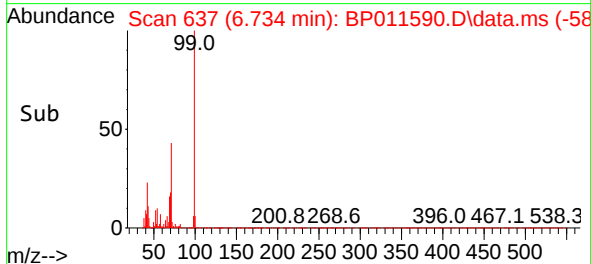
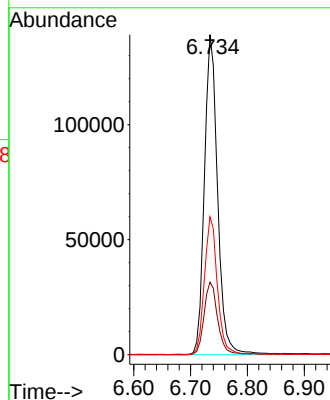
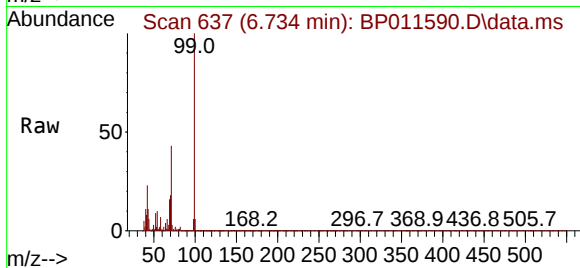
Tgt Ion: 99 Resp: 224033

Ion Ratio Lower Upper

99 100

42 22.7 20.3 30.5

71 43.1 33.9 50.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.328 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BP011590.D

Acq: 26 Aug 2022 21:33

Tgt Ion:136 Resp: 344707

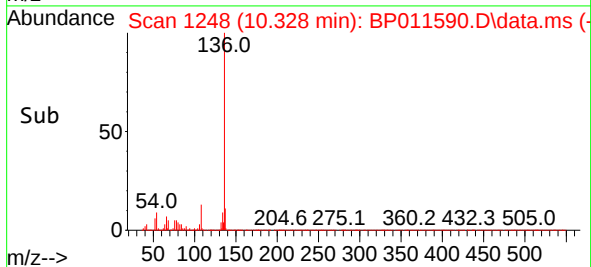
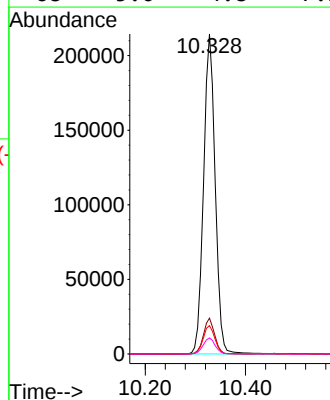
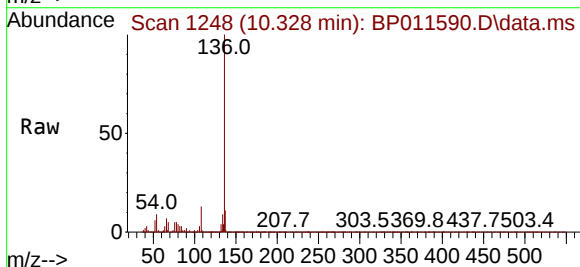
Ion Ratio Lower Upper

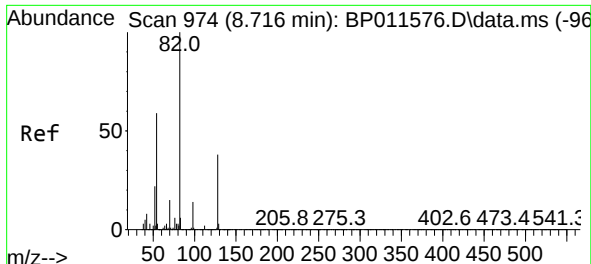
136 100

137 11.2 9.0 13.4

54 8.9 8.7 13.1

68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 43.391 ng

RT: 8.704 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP011590.D

Acq: 26 Aug 2022 21:33

Instrument :

BNA_P

ClientSampleId :

MW-42

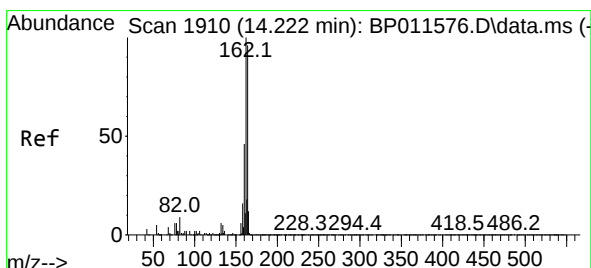
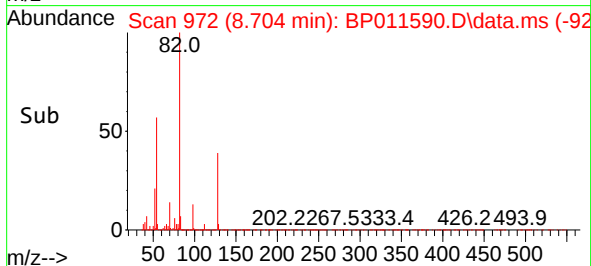
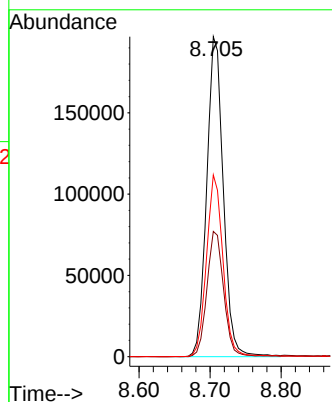
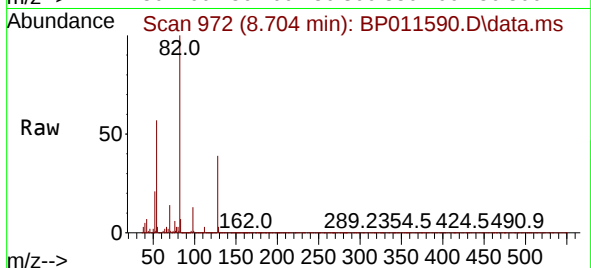
Tgt Ion: 82 Resp: 319902

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 56.8 49.8 74.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.216 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BP011590.D

Acq: 26 Aug 2022 21:33

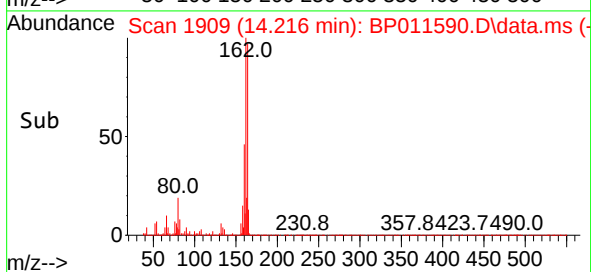
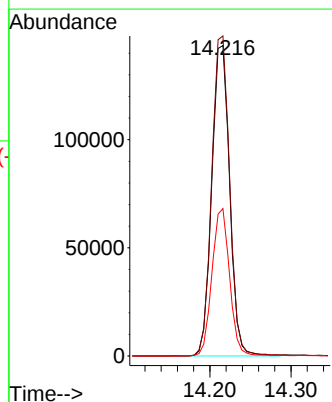
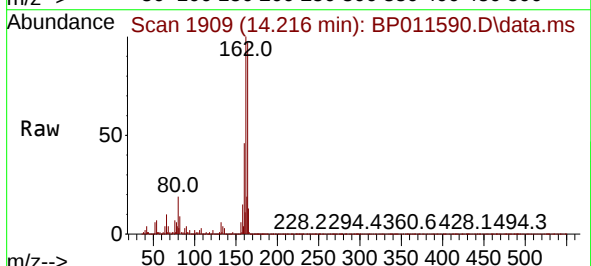
Tgt Ion:164 Resp: 219210

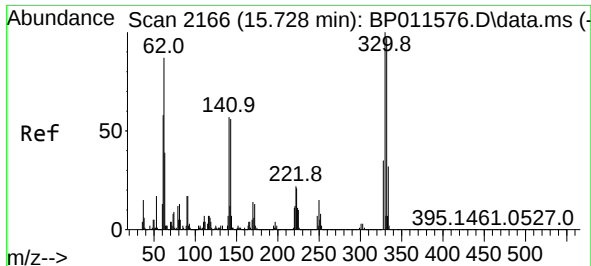
Ion Ratio Lower Upper

164 100

162 103.1 81.9 122.9

160 47.5 34.6 51.8

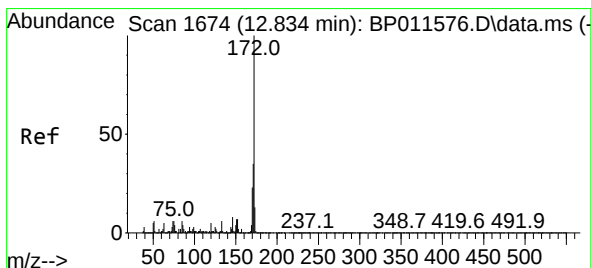
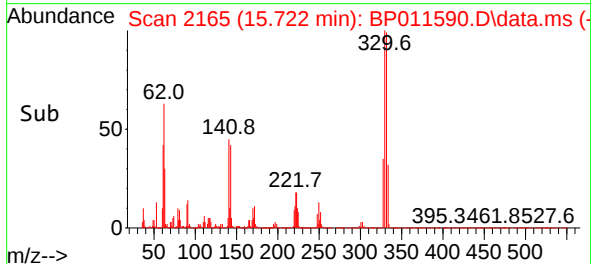
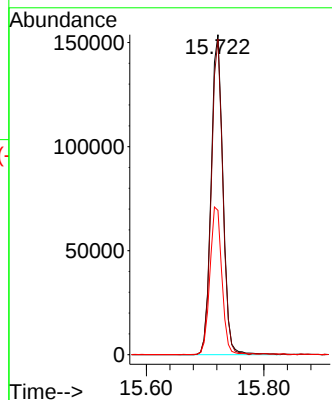
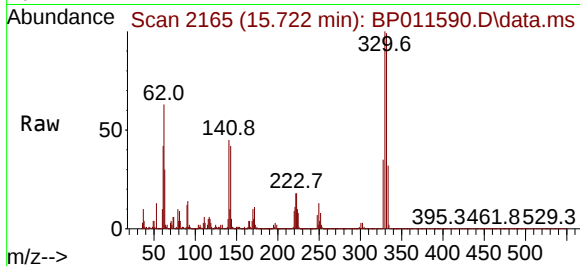




#42
2,4,6-Tribromophenol
Concen: 76.390 ng
RT: 15.722 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP011590.D
Acq: 26 Aug 2022 21:33

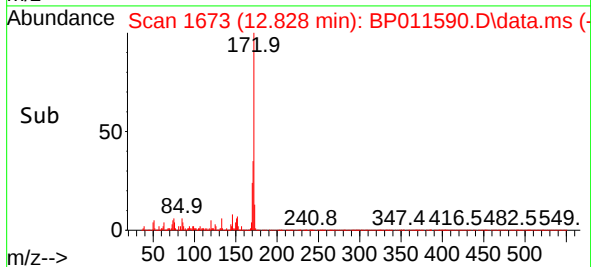
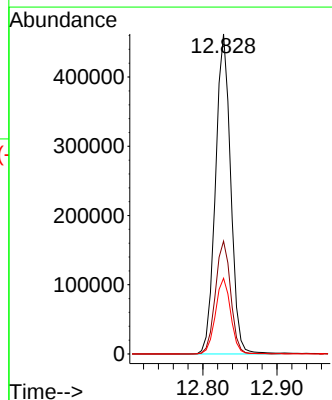
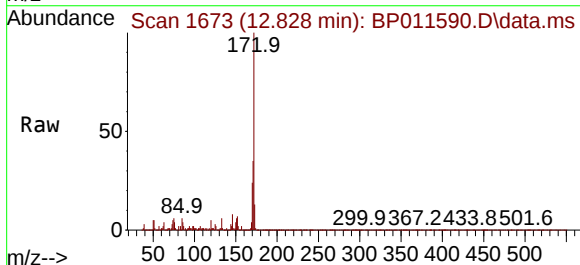
Instrument :
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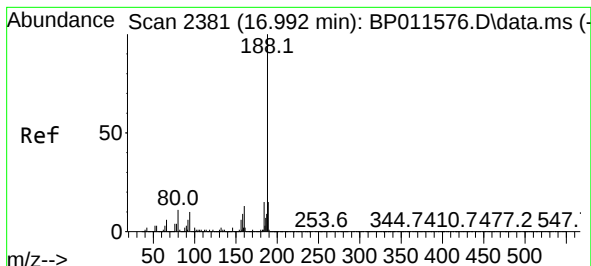
Tgt Ion:330 Resp: 214474
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 46.6 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 45.098 ng
RT: 12.828 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BP011590.D
Acq: 26 Aug 2022 21:33

Tgt Ion:172 Resp: 657276
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.6 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011590.D

Acq: 26 Aug 2022 21:33

Instrument :

BNA_P

ClientSampleId :

MW-42

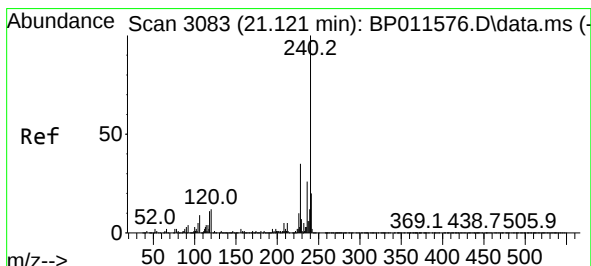
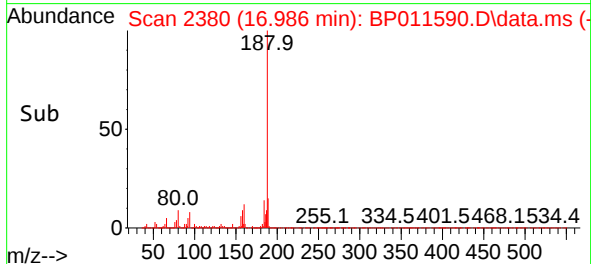
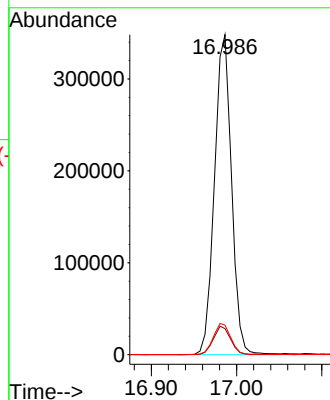
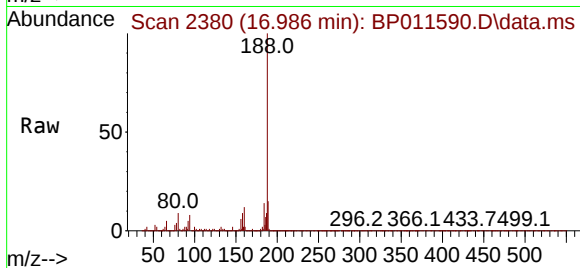
Tgt Ion:188 Resp: 483008

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.2 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.110 min Scan# 3081

Delta R.T. -0.012 min

Lab File: BP011590.D

Acq: 26 Aug 2022 21:33

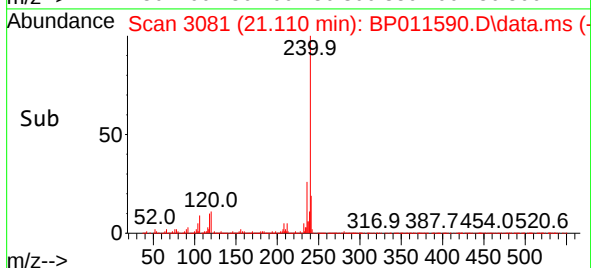
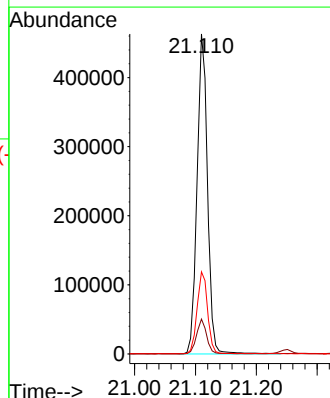
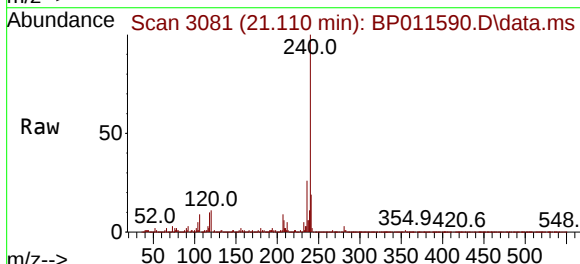
Tgt Ion:240 Resp: 550589

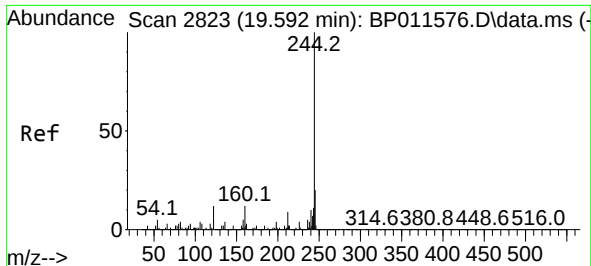
Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

236 25.6 19.8 29.6

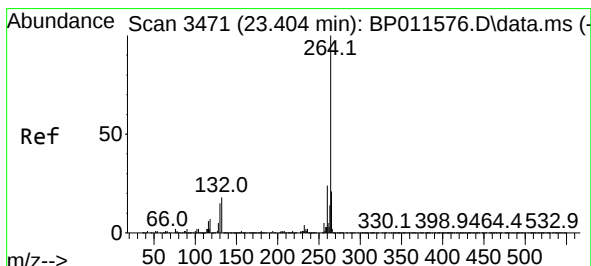
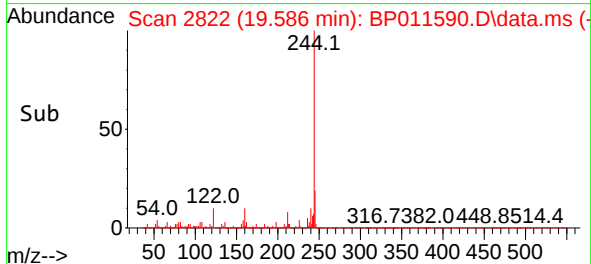
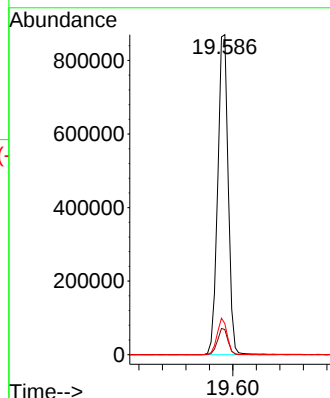
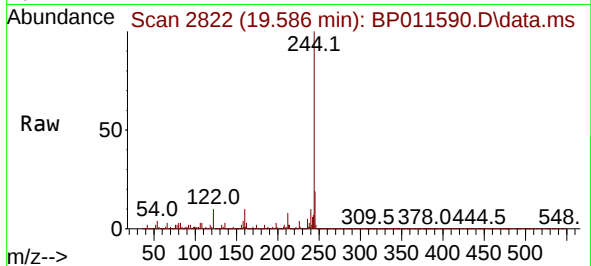




#79
 Terphenyl-d14
 Concen: 37.897 ng
 RT: 19.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011590.D
 Acq: 26 Aug 2022 21:33

Instrument :
 BNA_P
 ClientSampleId :
 MW-42

Tgt Ion:244 Resp: 1074907
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 9.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.392 min Scan# 3469
 Delta R.T. -0.012 min
 Lab File: BP011590.D
 Acq: 26 Aug 2022 21:33

Tgt Ion:264 Resp: 626946
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 22.1 18.0 27.0

