

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011674.D
 Acq On : 09 Sep 2022 21:25
 Operator : CG/JU
 Sample : N4549-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-59

Quant Time: Sep 10 00:57:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

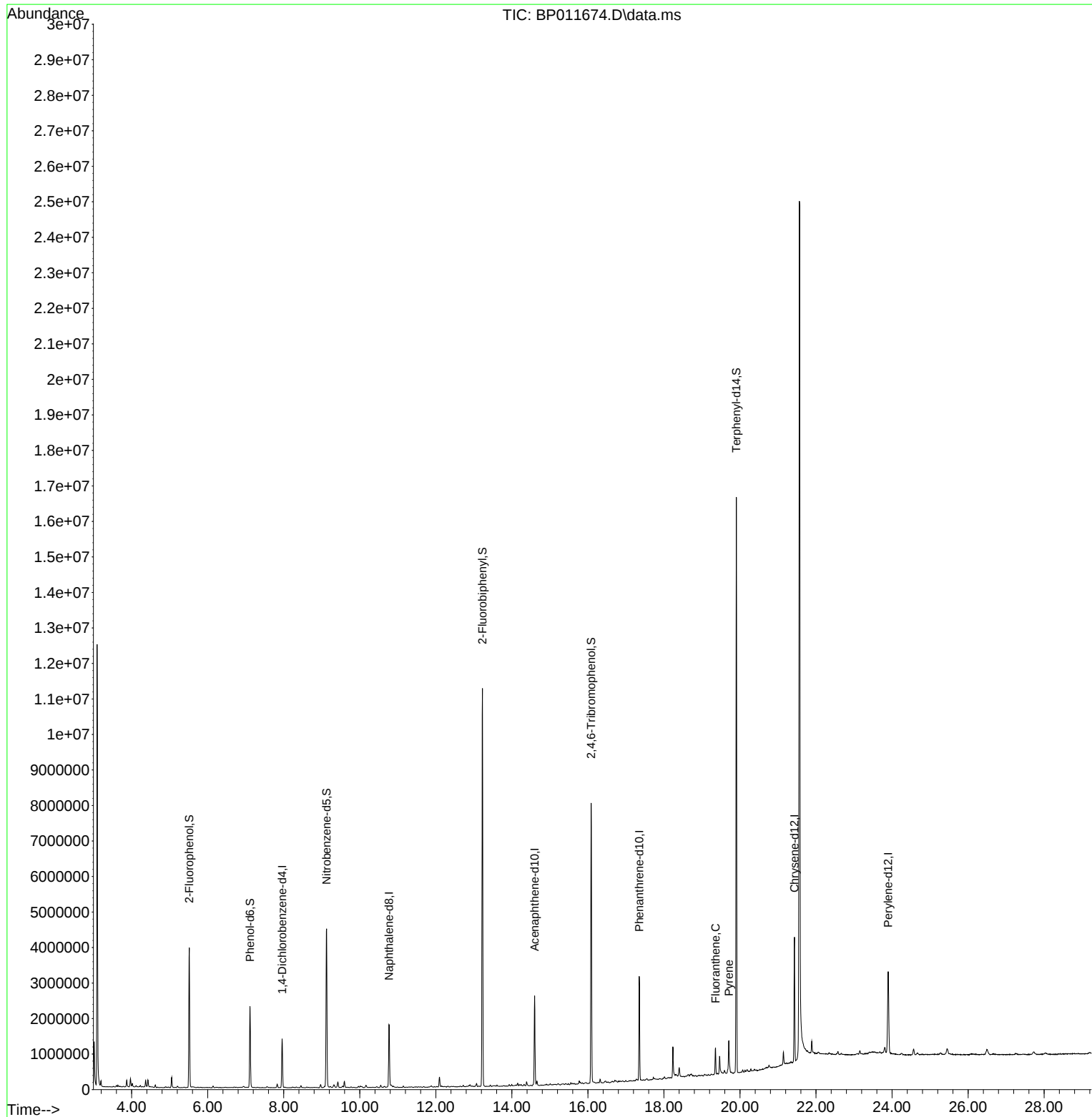
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	384303	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1549205	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	871131	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1725553	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1628669	20.000	ng	0.00
86) Perylene-d12	23.898	264	1705176	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1784921	82.144	ng	0.00
7) Phenol-d6	7.110	99	1410593	49.060	ng	0.00
23) Nitrobenzene-d5	9.128	82	2620687	103.839	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1397066	141.943	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	5879814	96.520	ng	0.00
79) Terphenyl-d14	19.904	244	7411570	95.314	ng	0.00
Target Compounds						
75) Fluoranthene	19.357	202	432681	4.076	ng	Qvalue 97
78) Pyrene	19.710	202	538343	4.973	ng	98

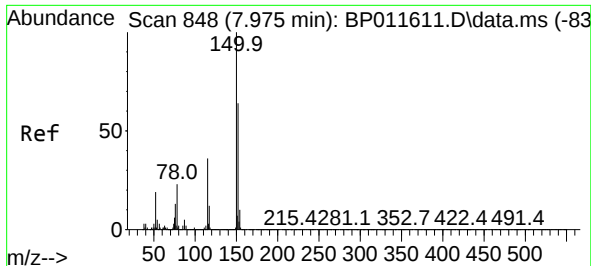
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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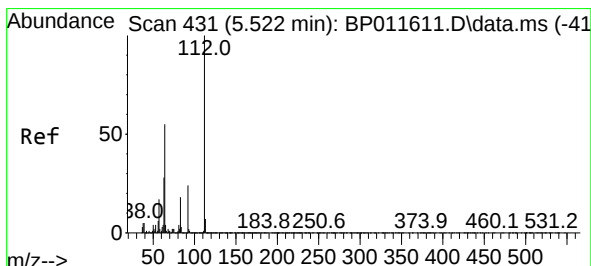
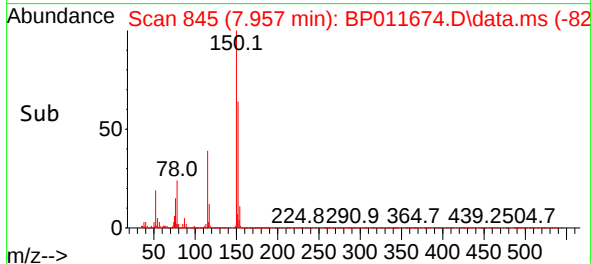
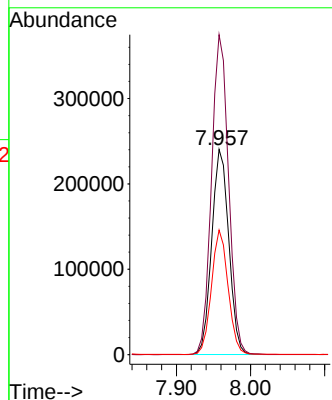
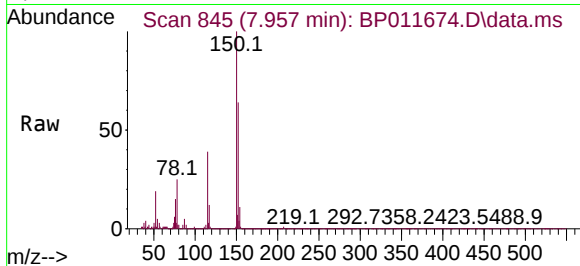




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 84
Delta R.T. -0.007 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

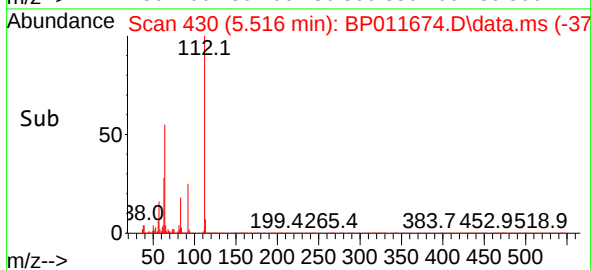
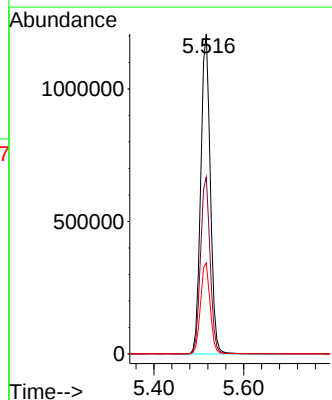
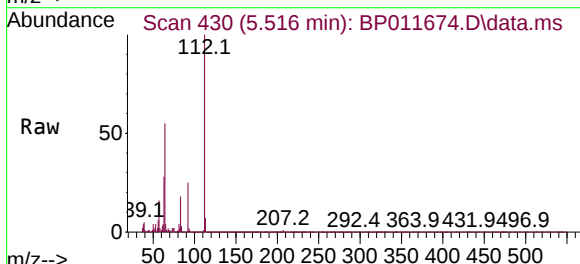
Instrument :
BNA_P
ClientSampleId :
MW-59

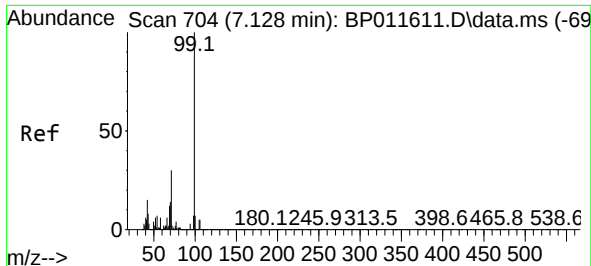
Tgt Ion:152 Resp: 384303
Ion Ratio Lower Upper
152 100
150 155.9 123.4 185.2
115 60.7 51.3 76.9



#5
2-Fluorophenol
Concen: 82.144 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:112 Resp: 1784921
Ion Ratio Lower Upper
112 100
64 55.3 56.9 85.3#
63 28.4 31.2 46.8#

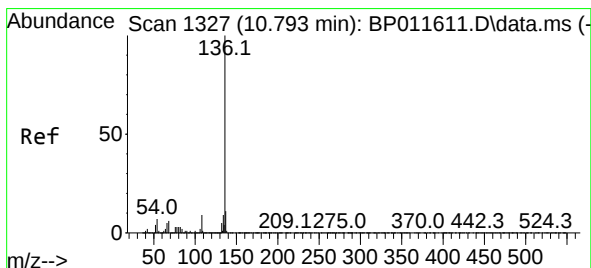
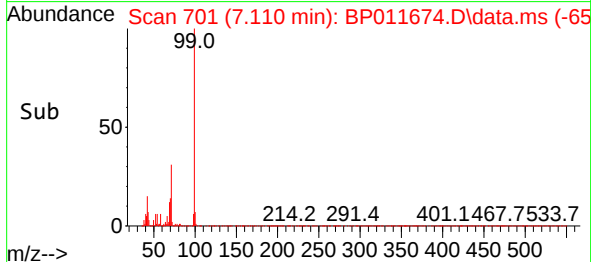
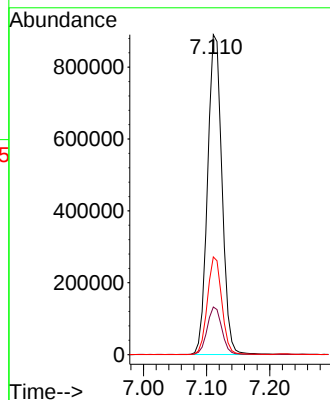
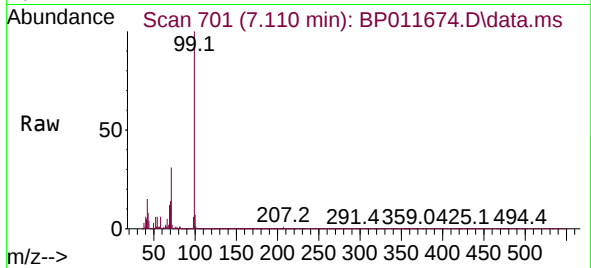




#7
Phenol-d6
Concen: 49.060 ng
RT: 7.110 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

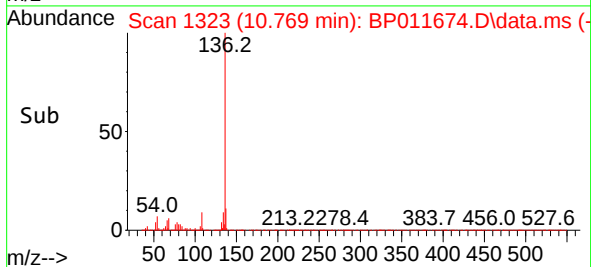
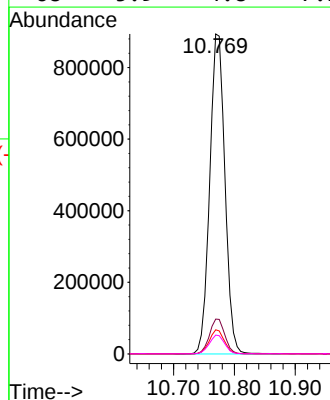
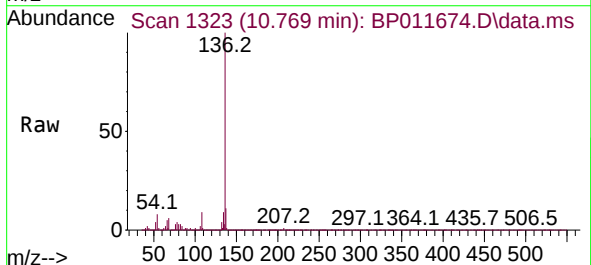
Instrument :
BNA_P
ClientSampleId :
MW-59

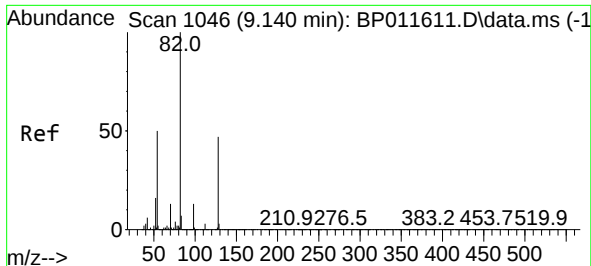
Tgt Ion: 99 Resp: 1410593
Ion Ratio Lower Upper
99 100
42 14.9 20.3 30.5#
71 30.5 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion:136 Resp: 1549205
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.5 8.7 13.1#
68 5.9 4.8 7.2

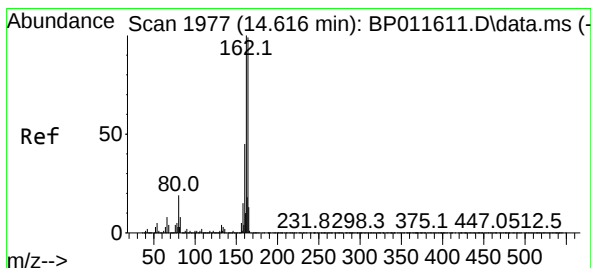
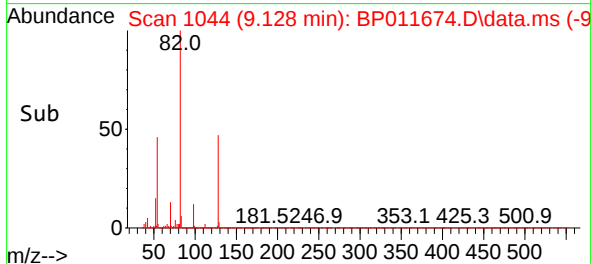
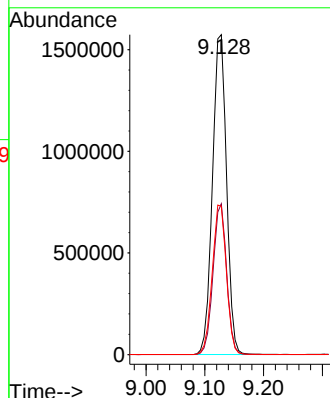
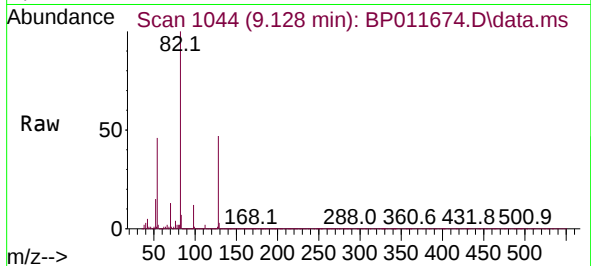




#23
Nitrobenzene-d5
Concen: 103.839 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

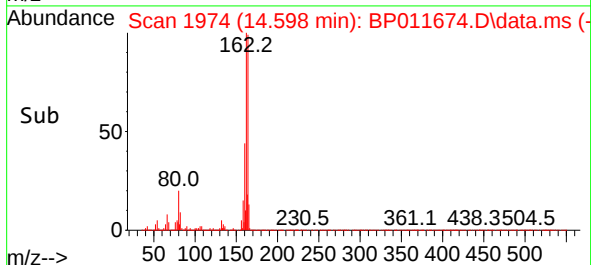
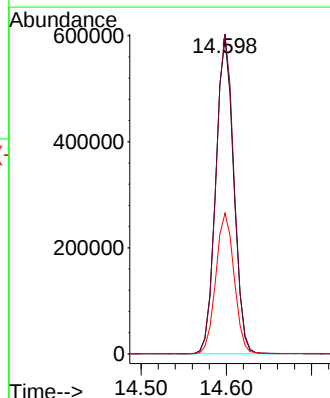
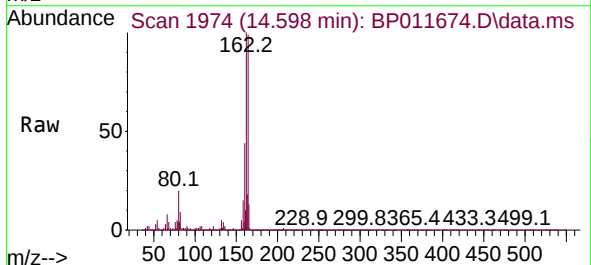
Instrument :
BNA_P
ClientSampleId :
MW-59

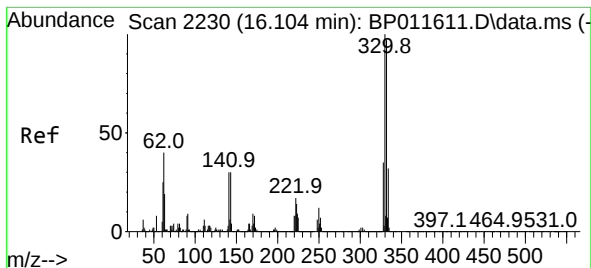
Tgt Ion: 82 Resp: 2620687
Ion Ratio Lower Upper
82 100
128 47.1 31.3 46.9#
54 46.4 49.8 74.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011674.D
Acq: 09 Sep 2022 21:25

Tgt Ion: 164 Resp: 871131
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 44.6 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 141.943 ng

RT: 16.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

Instrument :

BNA_P

ClientSampleId :

MW-59

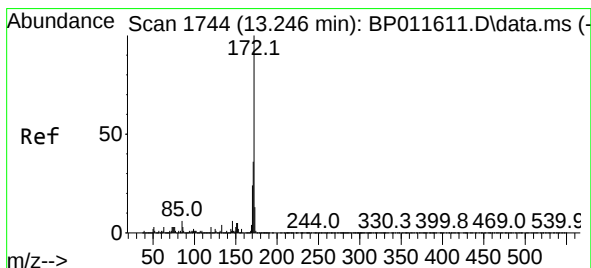
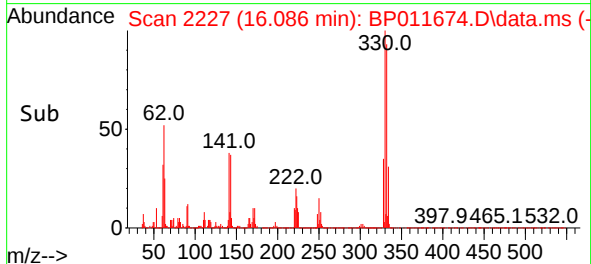
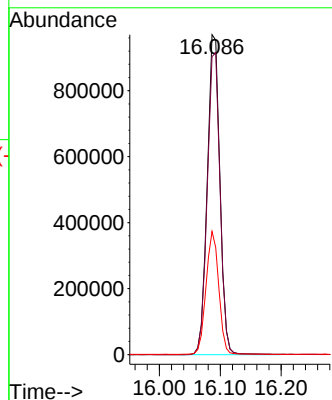
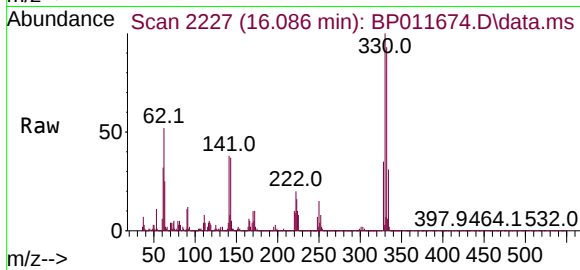
Tgt Ion:330 Resp: 1397066

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

141 38.5 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 96.520 ng

RT: 13.228 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

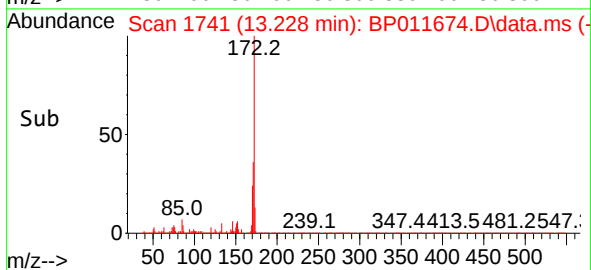
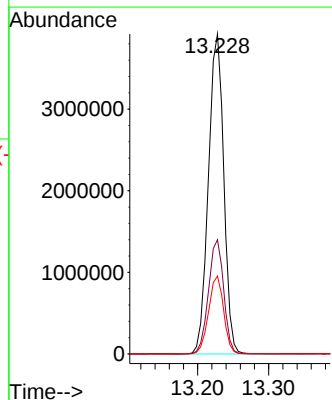
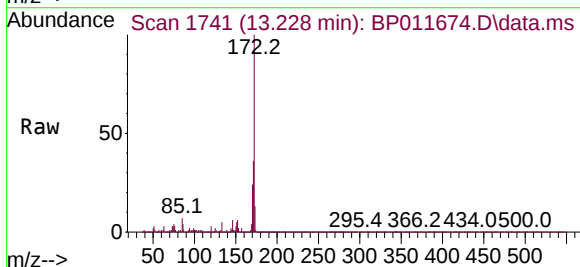
Tgt Ion:172 Resp: 5879814

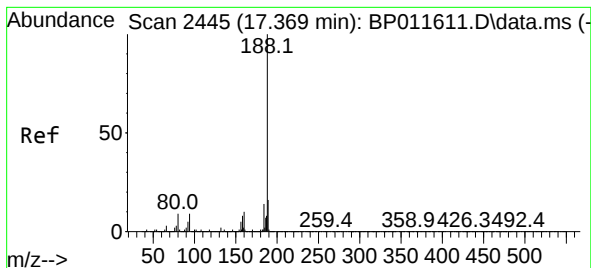
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 24.3 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

Instrument :

BNA_P

ClientSampleId :

MW-59

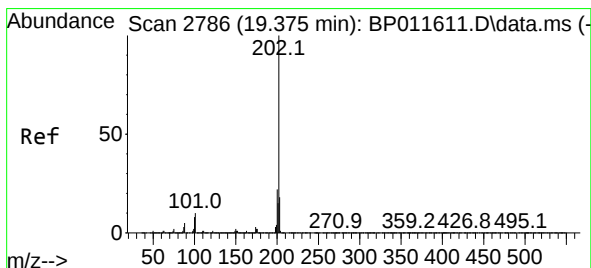
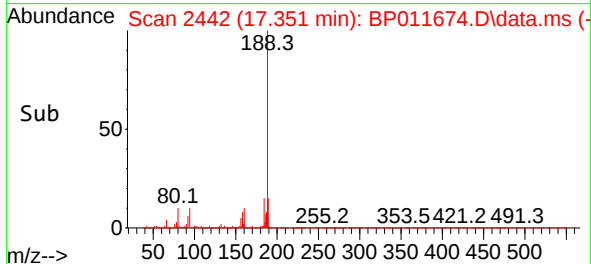
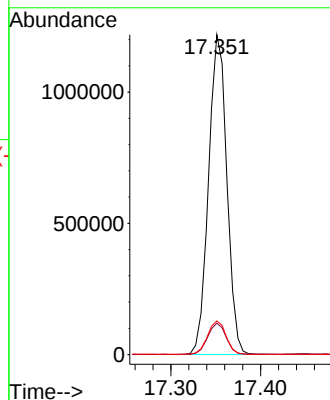
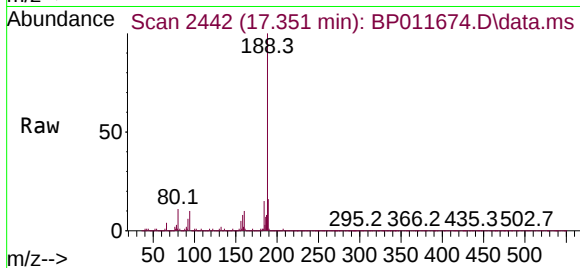
Tgt Ion:188 Resp: 1725553

Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

80 10.5 8.0 12.0



#75

Fluoranthene

Concen: 4.076 ng

RT: 19.357 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

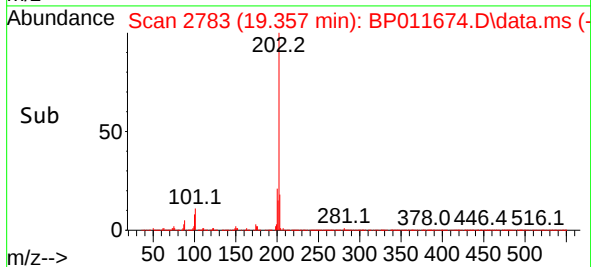
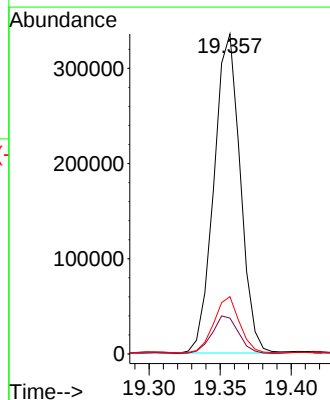
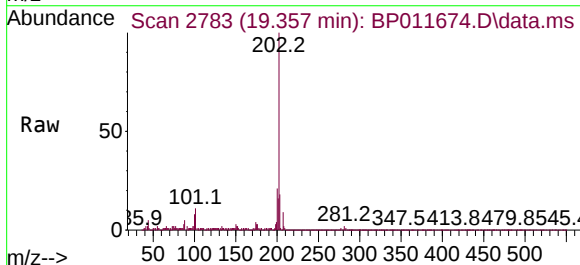
Tgt Ion:202 Resp: 432681

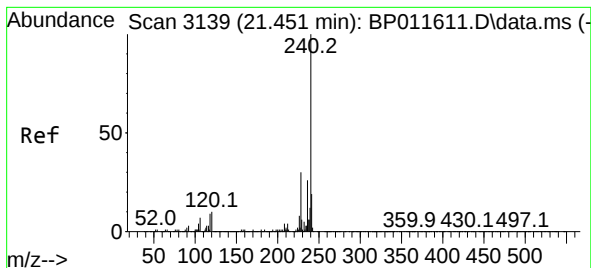
Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.6

203 17.9 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

Instrument :

BNA_P

ClientSampleId :

MW-59

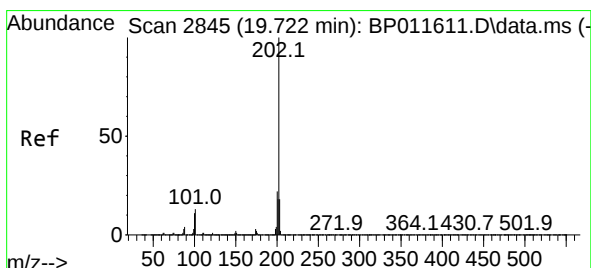
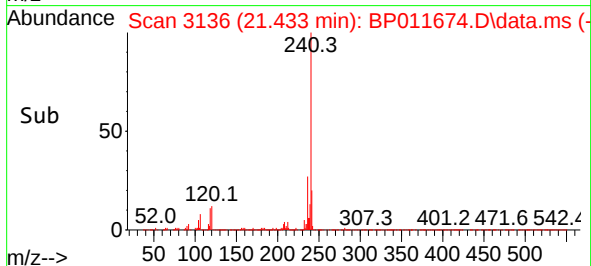
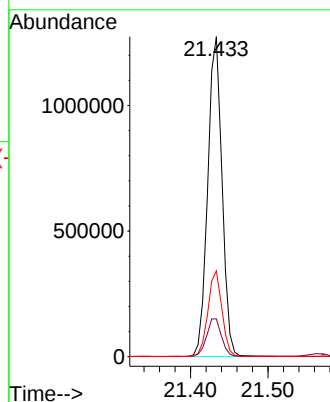
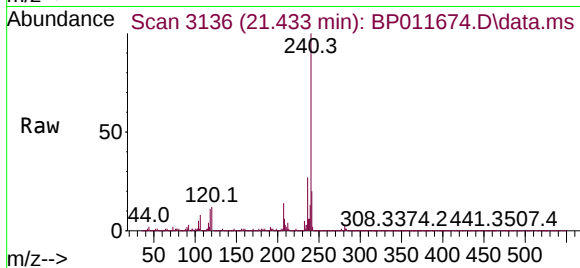
Tgt Ion:240 Resp: 1628669

Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

236 26.8 19.8 29.6



#78

Pyrene

Concen: 4.973 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP011674.D

Acq: 09 Sep 2022 21:25

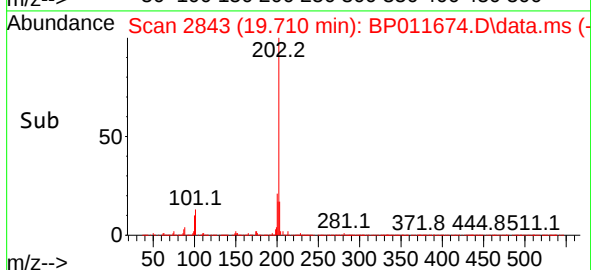
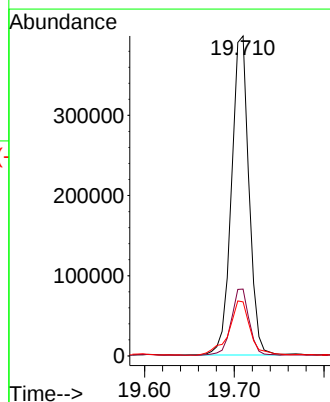
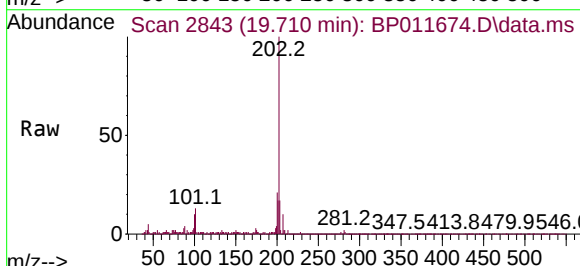
Tgt Ion:202 Resp: 538343

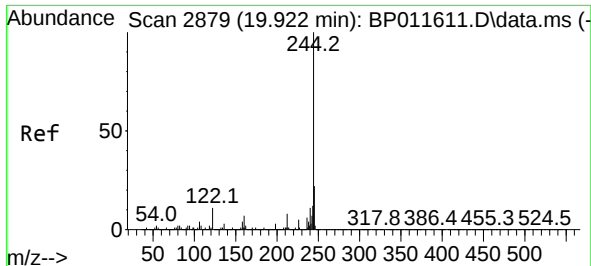
Ion Ratio Lower Upper

202 100

200 20.9 16.3 24.5

203 16.9 14.2 21.4

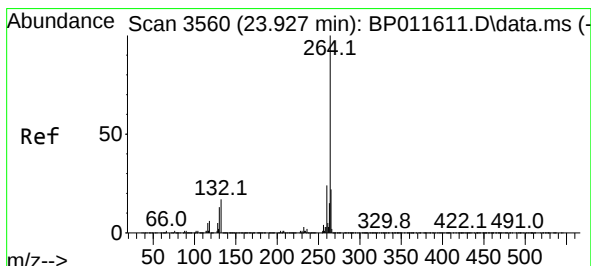
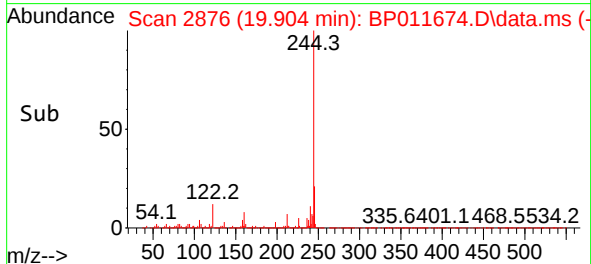
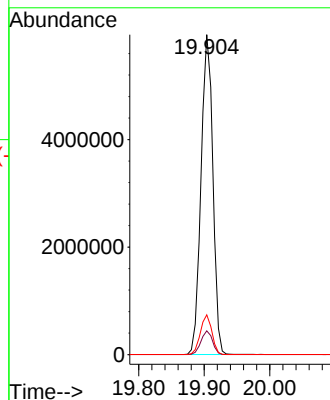
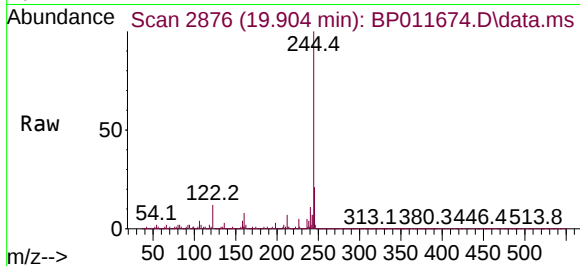




#79
 Terphenyl-d14
 Concen: 95.314 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011674.D
 Acq: 09 Sep 2022 21:25

Instrument :
 BNA_P
 ClientSampleId :
 MW-59

Tgt Ion:244 Resp: 7411570
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.4 7.6 11.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.898 min Scan# 3555
 Delta R.T. -0.012 min
 Lab File: BP011674.D
 Acq: 09 Sep 2022 21:25

Tgt Ion:264 Resp: 1705176
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 22.3 18.0 27.0

