

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090822\
 Data File : BP011658.D
 Acq On : 08 Sep 2022 16:56
 Operator : CG/JU
 Sample : N4511-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S1-AQ_DM-IDW-20220902

Quant Time: Sep 09 04:29:57 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 03 04:07:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	464970	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1776775	20.000	ng	#-0.01
39) Acenaphthene-d10	14.604	164	1020968	20.000	ng	-0.01
64) Phenanthrene-d10	17.363	188	2051021	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1937837	20.000	ng	-0.01
86) Perylene-d12	23.910	264	2092168	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1705661	64.878	ng	0.00
7) Phenol-d6	7.116	99	1251224	35.968	ng	-0.01
23) Nitrobenzene-d5	9.134	82	2922100	100.952	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	2133730	184.973	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	7109799	99.582	ng	-0.01
79) Terphenyl-d14	19.916	244	9671401	104.532	ng	0.00

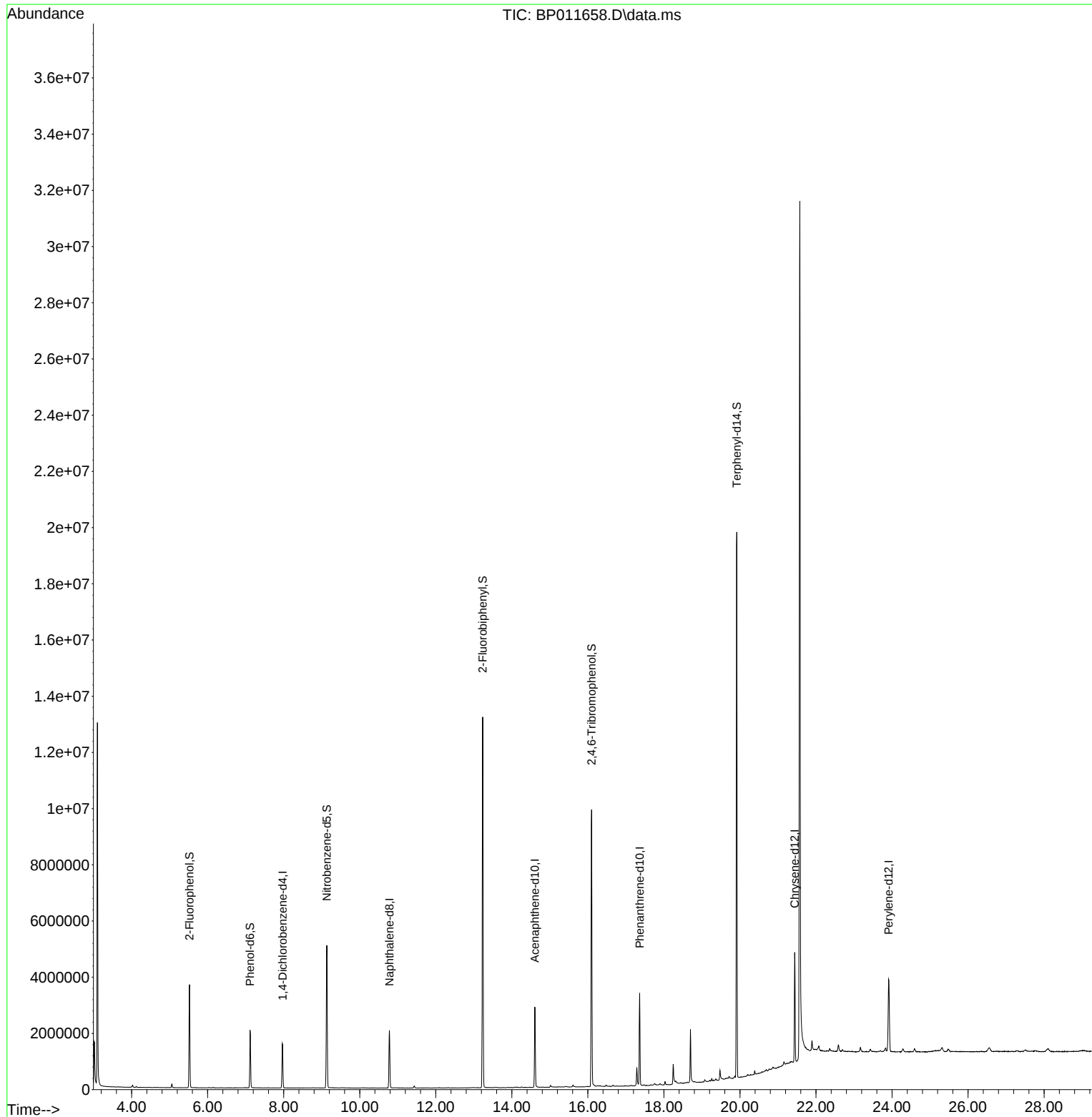
Target Compounds	Qvalue

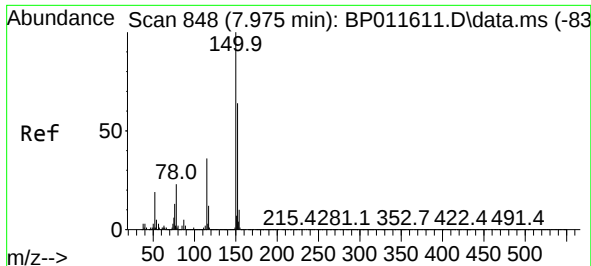
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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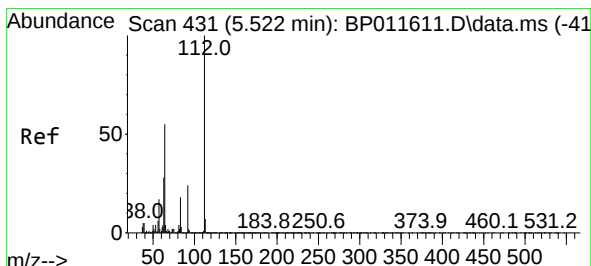
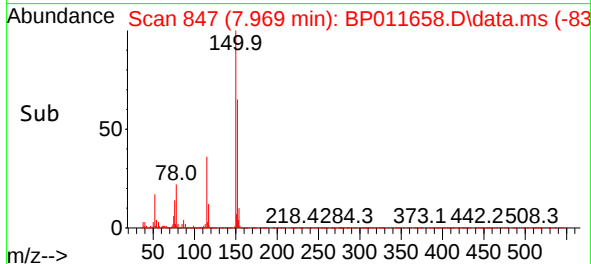
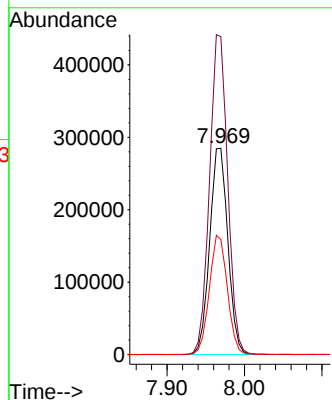
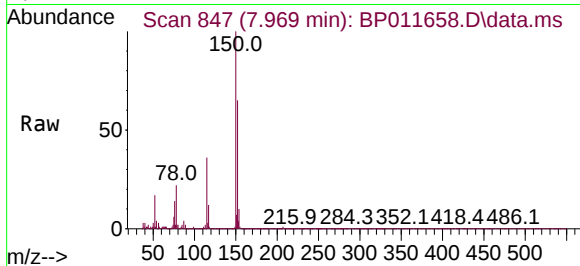




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

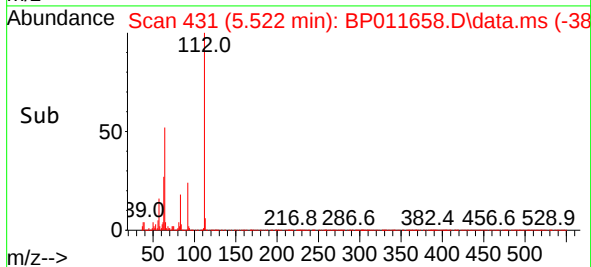
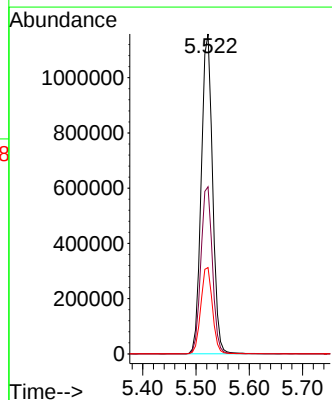
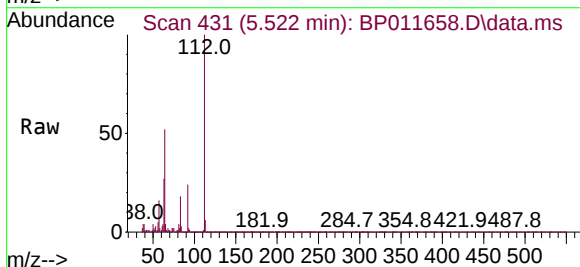
Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

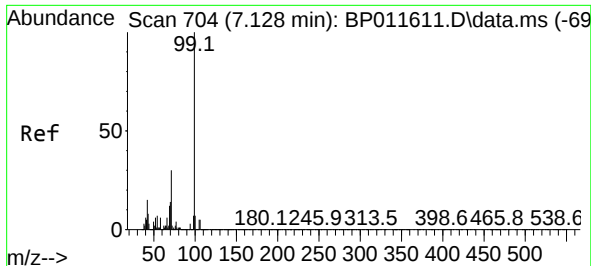
Tgt Ion:152 Resp: 464970
Ion Ratio Lower Upper
152 100
150 154.1 123.4 185.2
115 55.8 51.3 76.9



#5
2-Fluorophenol
Concen: 64.878 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

Tgt Ion:112 Resp: 1705661
Ion Ratio Lower Upper
112 100
64 52.2 56.9 85.3#
63 27.0 31.2 46.8#

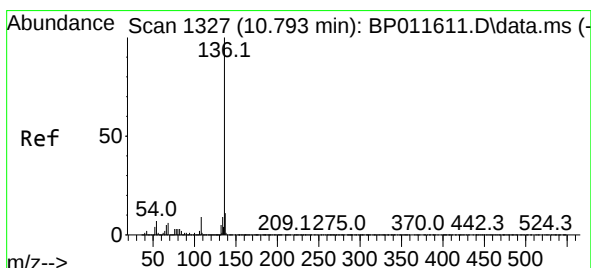
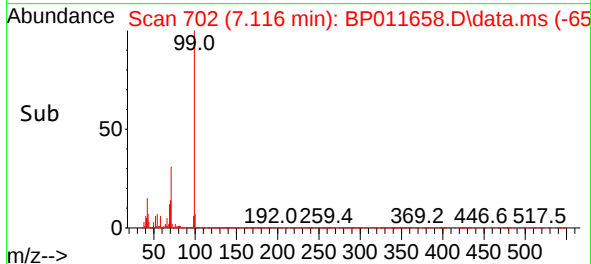
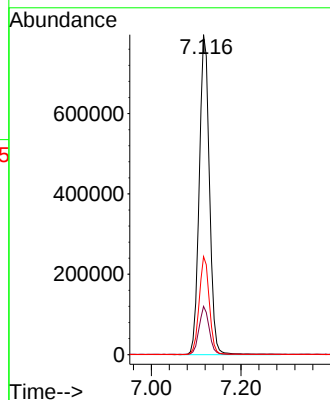
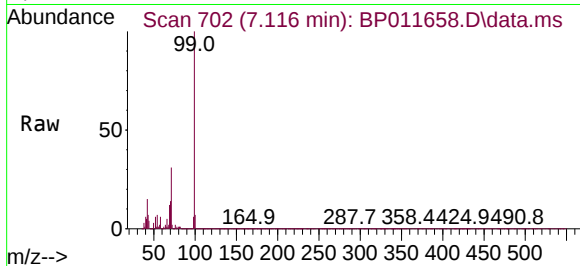




#7
Phenol-d6
Concen: 35.968 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

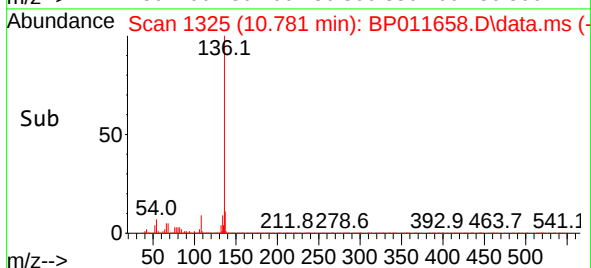
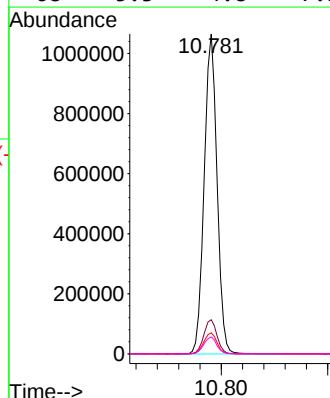
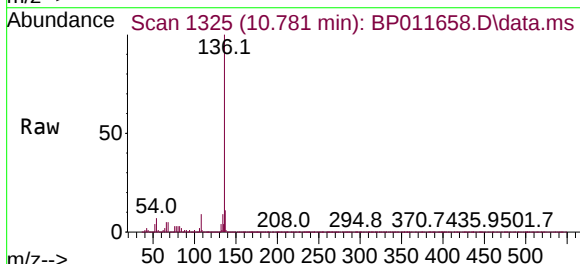
Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

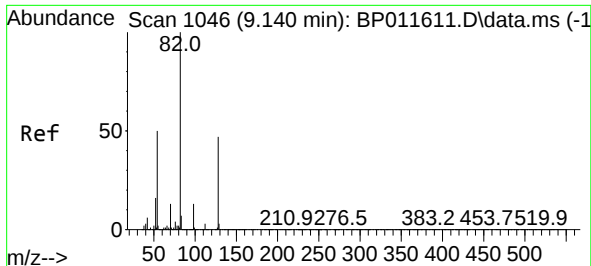
Tgt Ion: 99 Resp: 1251224
Ion Ratio Lower Upper
99 100
42 15.1 20.3 30.5#
71 30.6 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

Tgt Ion:136 Resp: 1776775
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.6 8.7 13.1#
68 5.3 4.8 7.2

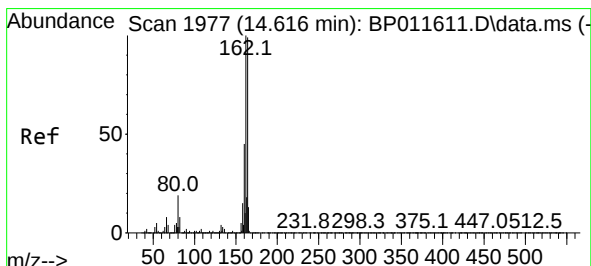
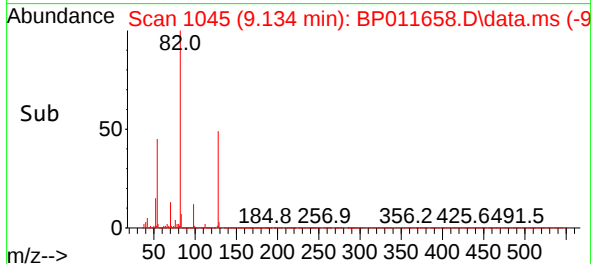
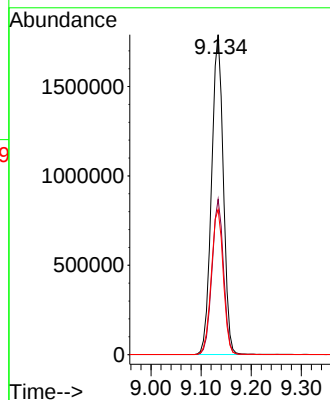
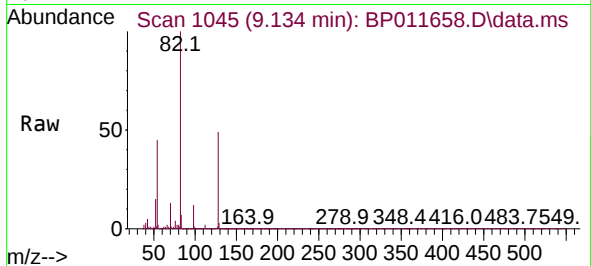




#23
Nitrobenzene-d5
Concen: 100.952 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

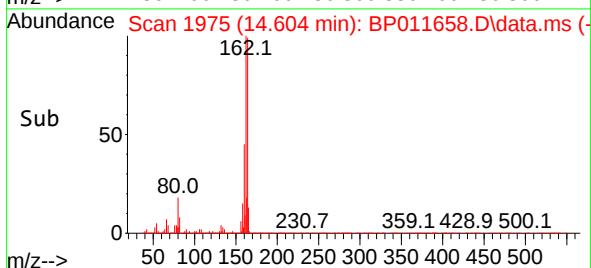
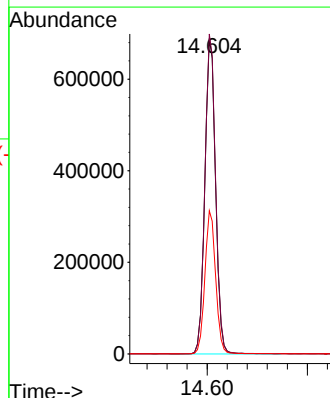
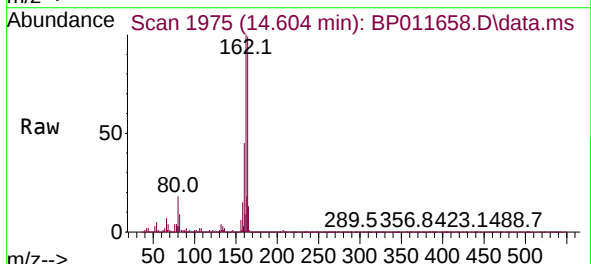
Instrument :
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ClientSampleId :
S1-AQ_DM-IDW-20220902

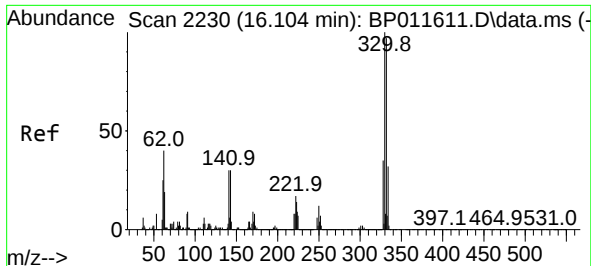
Tgt Ion: 82 Resp: 2922100
Ion Ratio Lower Upper
82 100
128 48.5 31.3 46.9#
54 45.3 49.8 74.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

Tgt Ion:164 Resp: 1020968
Ion Ratio Lower Upper
164 100
162 101.5 81.9 122.9
160 45.4 34.6 51.8

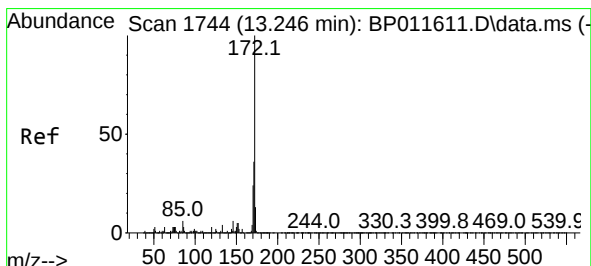
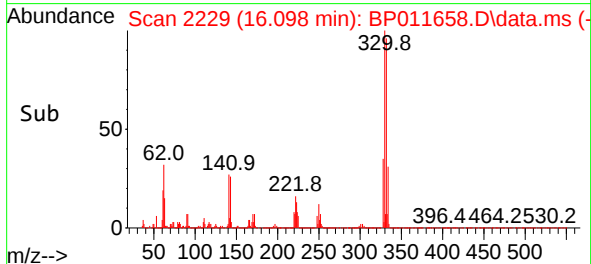
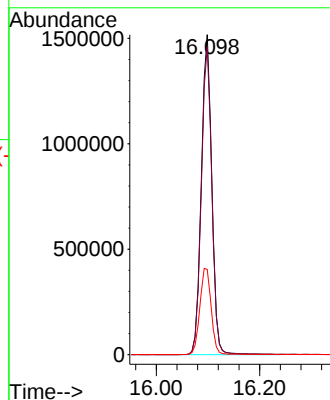
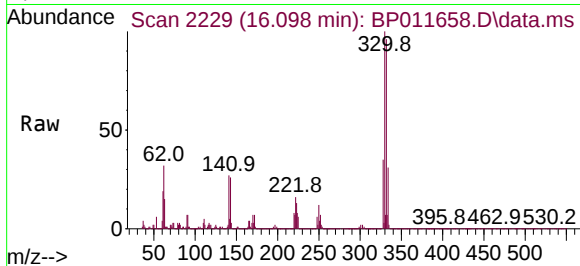




#42
2,4,6-Tribromophenol
Concen: 184.973 ng
RT: 16.098 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

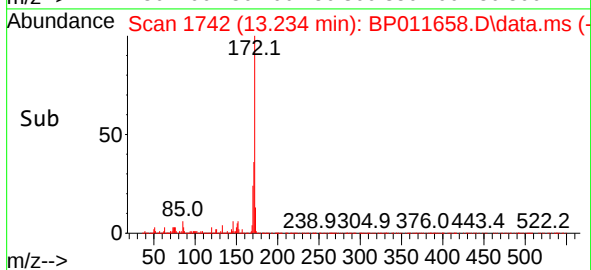
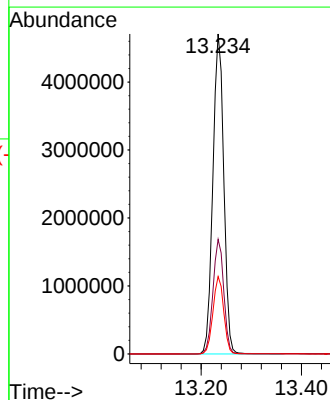
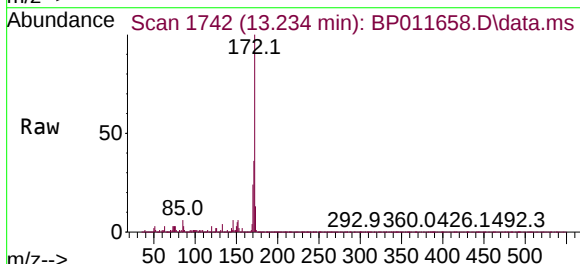
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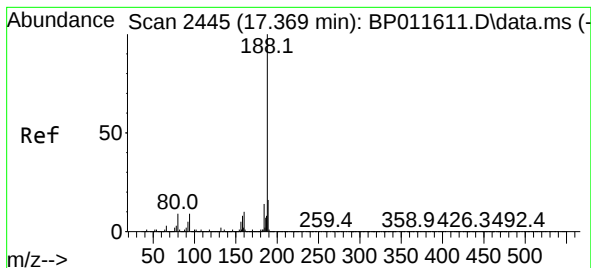
Tgt Ion:330 Resp: 2133730
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 29.1 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 99.582 ng
RT: 13.234 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BP011658.D
Acq: 08 Sep 2022 16:56

Tgt Ion:172 Resp: 7109799
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.2 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP011658.D

Acq: 08 Sep 2022 16:56

Instrument :

BNA_P

ClientSampleId :

S1-AQ_DM-IDW-20220902

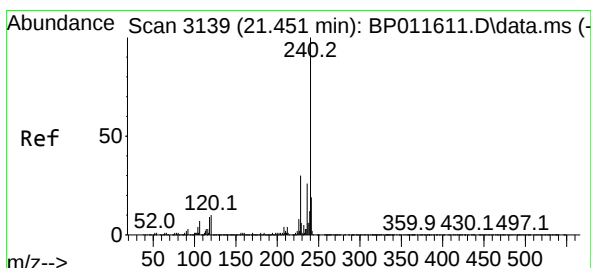
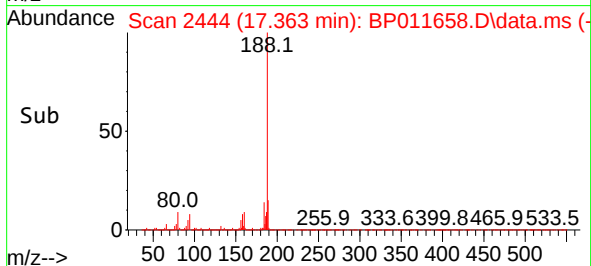
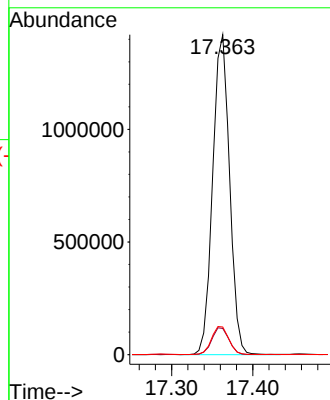
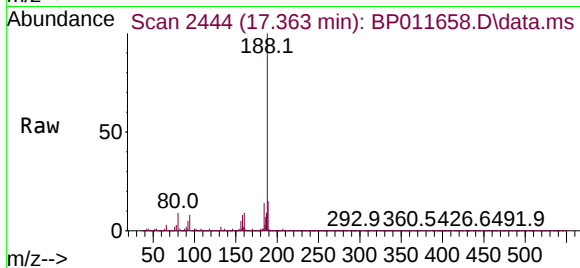
Tgt Ion:188 Resp: 2051021

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 8.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BP011658.D

Acq: 08 Sep 2022 16:56

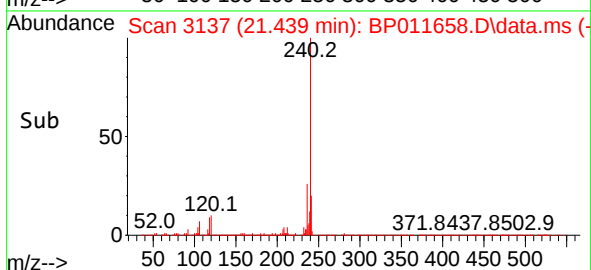
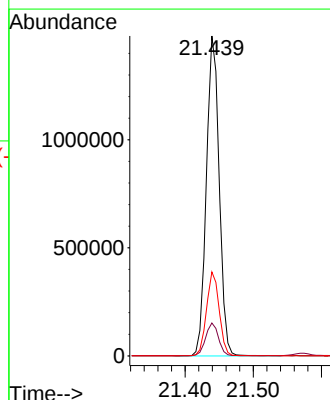
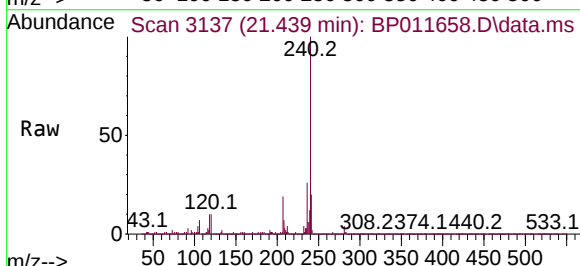
Tgt Ion:240 Resp: 1937837

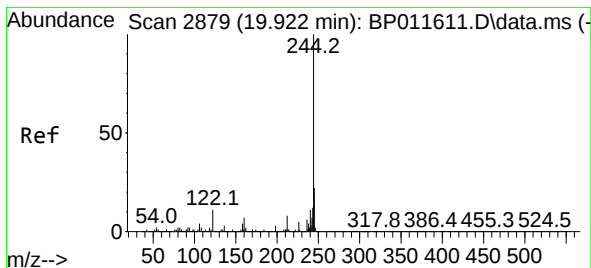
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 26.2 19.8 29.6





#79

Terphenyl-d14

Concen: 104.532 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011658.D

Acq: 08 Sep 2022 16:56

Instrument :

BNA_P

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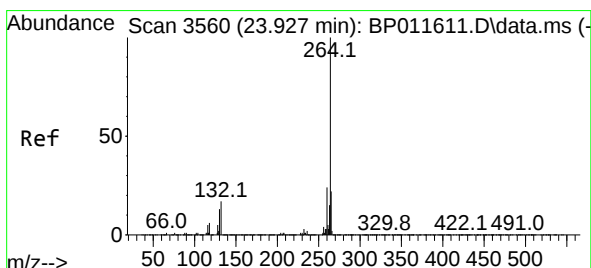
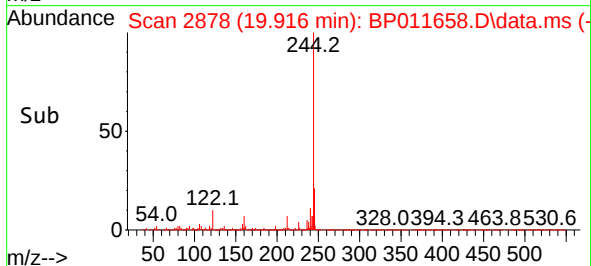
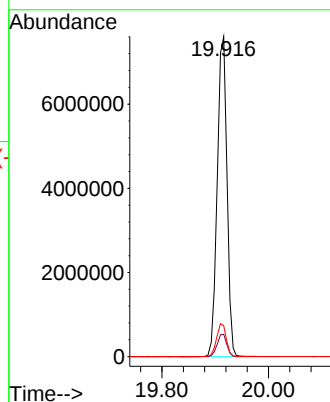
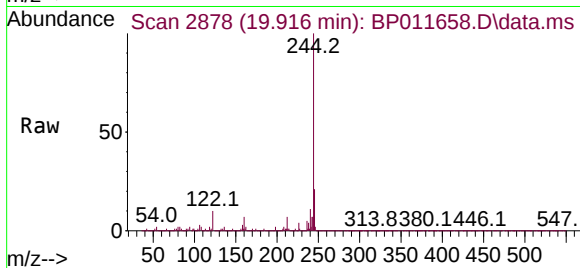
Tgt Ion:244 Resp: 9671401

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.910 min Scan# 3557

Delta R.T. -0.018 min

Lab File: BP011658.D

Acq: 08 Sep 2022 16:56

Tgt Ion:264 Resp: 2092168

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.2 18.0 27.0

