

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016475.D
 Acq On : 02 Aug 2023 18:45
 Operator : MA/JU
 Sample : 03831-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-19-20230727

Quant Time: Aug 02 21:48:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	492875	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	2061660	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1255309	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	2678252	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1950846	20.000	ng	0.00
86) Perylene-d12	24.180	264	1803174	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1867951	61.829	ng	-0.02
7) Phenol-d6	7.210	99	1519374	36.691	ng	-0.02
23) Nitrobenzene-d5	9.275	82	3371953	91.556	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1994914	108.023	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	7356324	84.016	ng	-0.01
79) Terphenyl-d14	20.039	244	9358742	101.339	ng	0.00

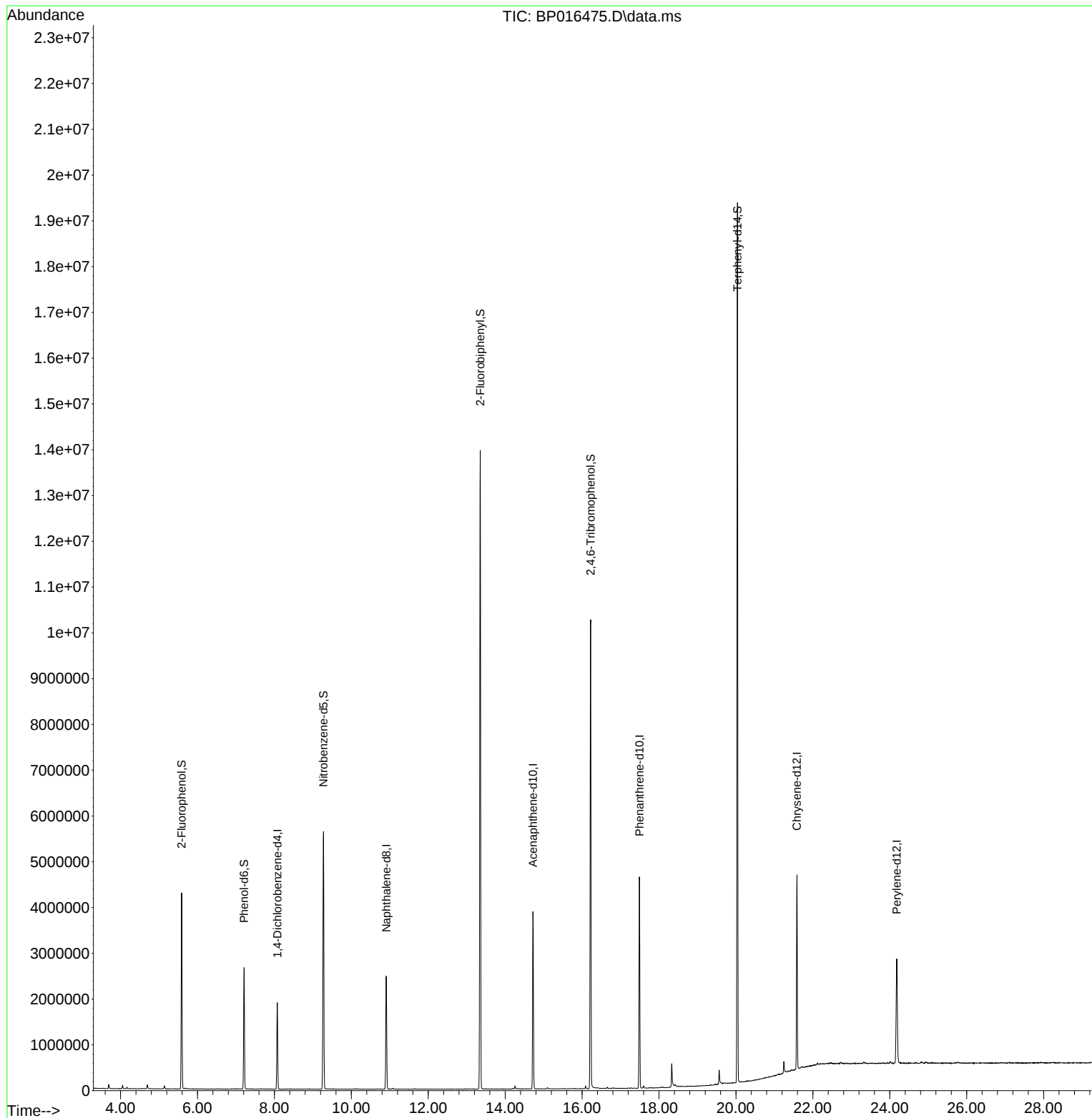
Target Compounds	Qvalue

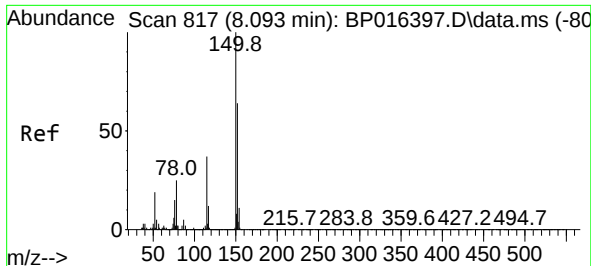
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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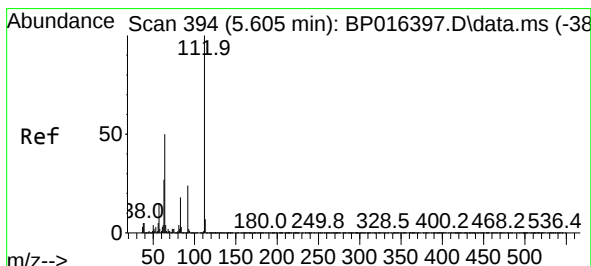
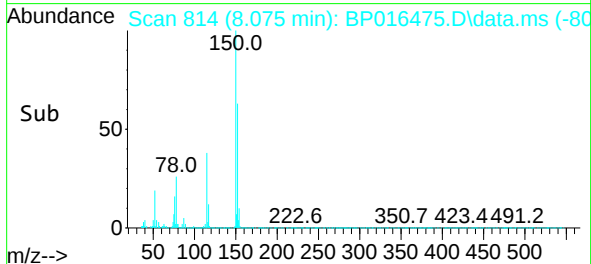
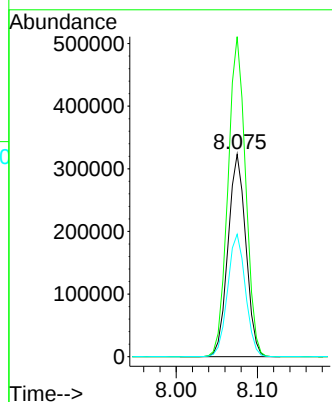
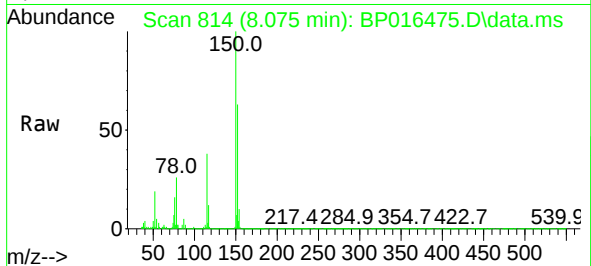




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016475.D
Acq: 02 Aug 2023 18:45

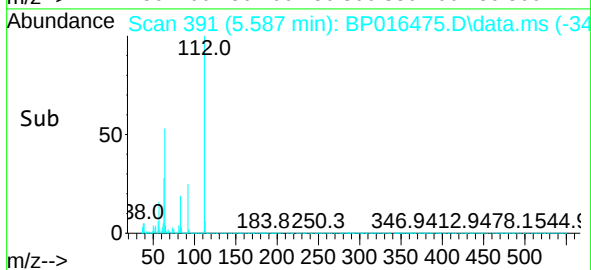
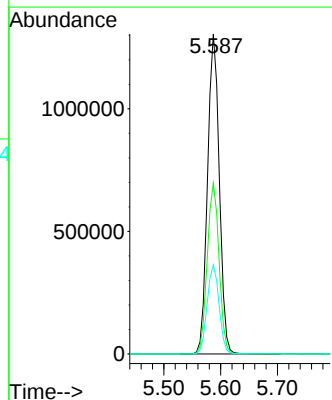
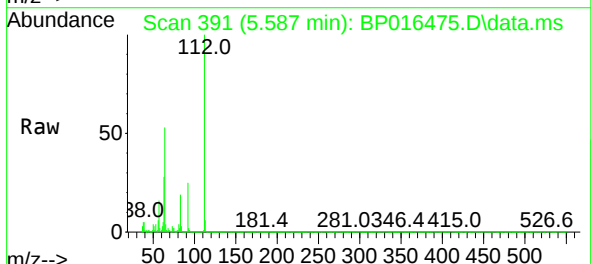
Instrument :
BNA_P
ClientSampleId :
MW-19-20230727

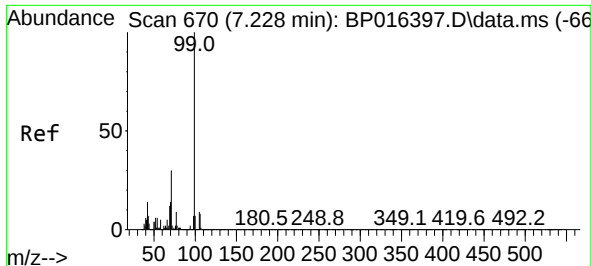
Tgt Ion:152 Resp: 492875
Ion Ratio Lower Upper
152 100
150 158.1 124.9 187.3
115 60.5 46.8 70.2



#5
2-Fluorophenol
Concen: 61.829 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016475.D
Acq: 02 Aug 2023 18:45

Tgt Ion:112 Resp: 1867951
Ion Ratio Lower Upper
112 100
64 53.4 40.0 60.0
63 27.8 21.2 31.8

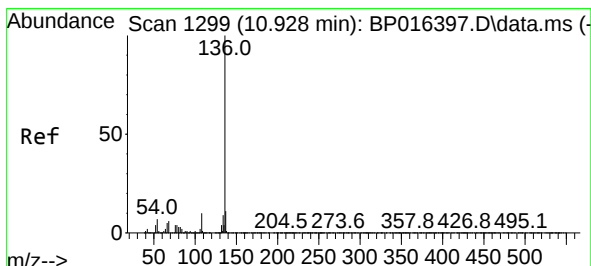
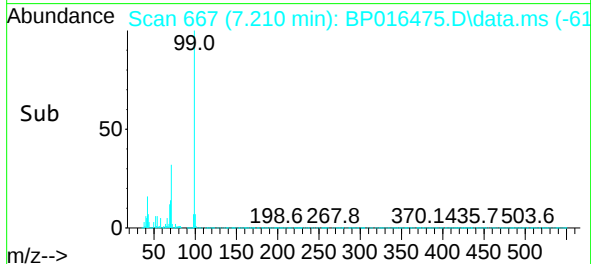
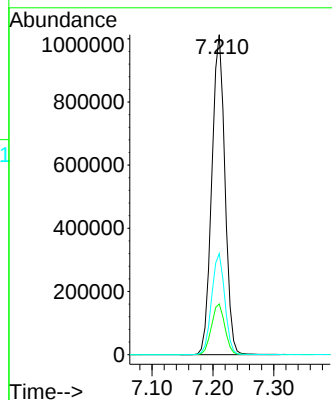
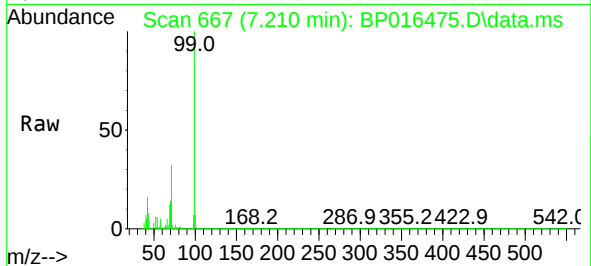




#7
Phenol-d6
Concen: 36.691 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016475.D
Acq: 02 Aug 2023 18:45

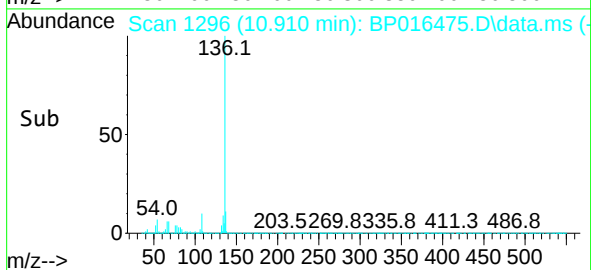
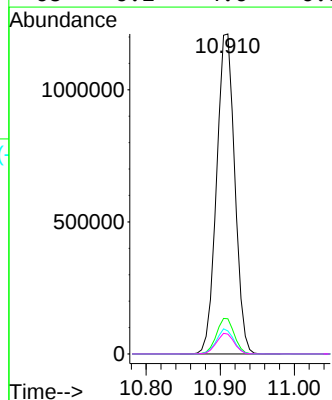
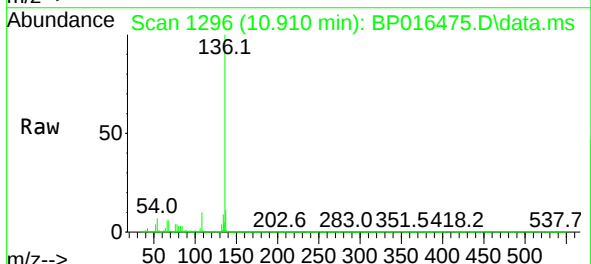
Instrument :
BNA_P
ClientSampleId :
MW-19-20230727

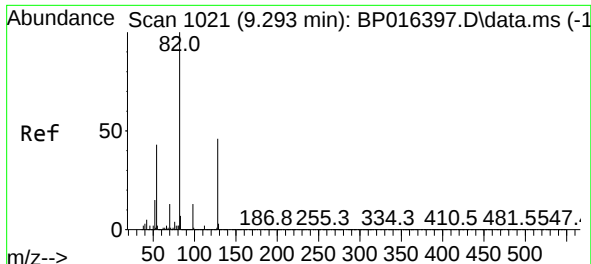
Tgt Ion: 99 Resp: 1519374
Ion Ratio Lower Upper
99 100
42 15.8 11.6 17.4
71 31.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016475.D
Acq: 02 Aug 2023 18:45

Tgt Ion: 136 Resp: 2061660
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 5.6 8.4
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.556 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016475.D

Acq: 02 Aug 2023 18:45

Instrument :

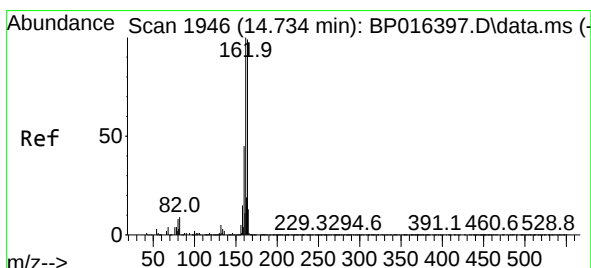
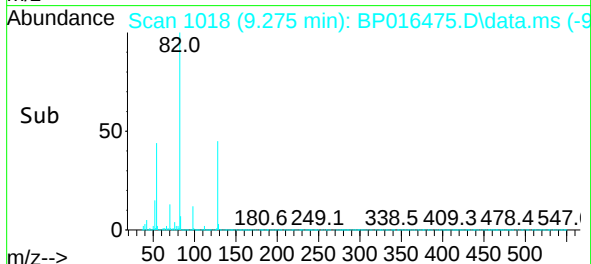
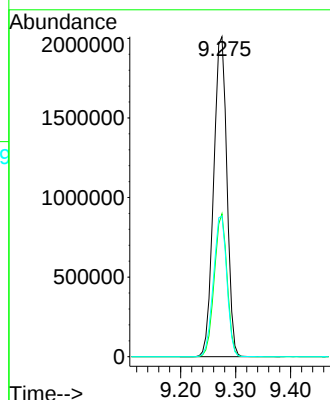
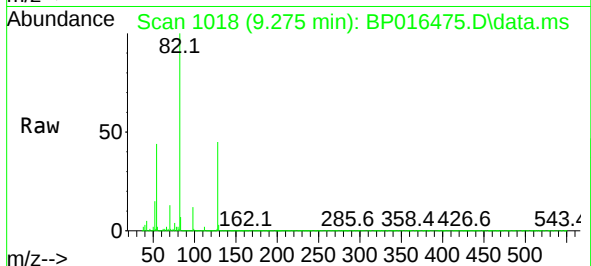
BNA_P

ClientSampleId :

MW-19-20230727

Tgt Ion: 82 Resp: 3371953

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.6	55.0
54	43.9	34.5	51.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1944

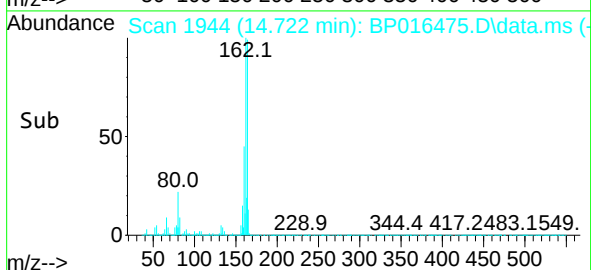
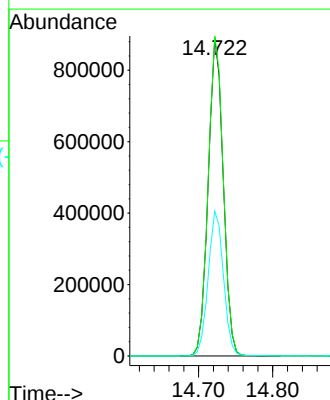
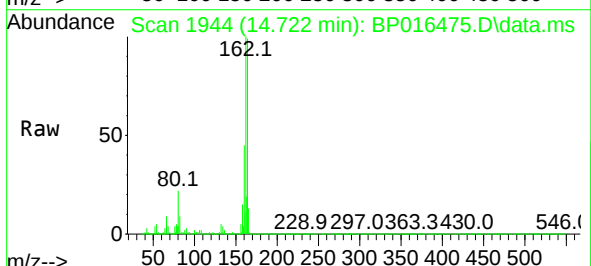
Delta R.T. -0.012 min

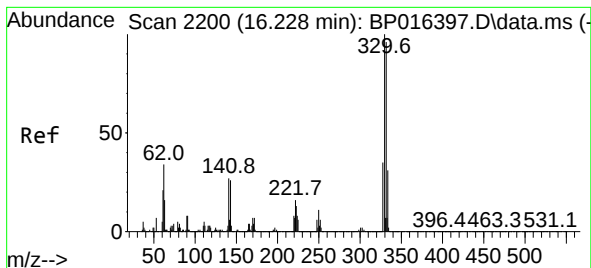
Lab File: BP016475.D

Acq: 02 Aug 2023 18:45

Tgt Ion: 164 Resp: 1255309

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	45.5	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 108.023 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016475.D

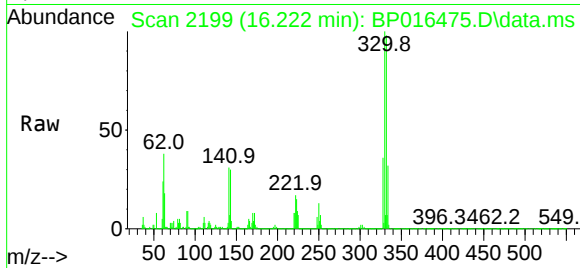
Acq: 02 Aug 2023 18:45

Instrument :

BNA_P

ClientSampleId :

MW-19-20230727



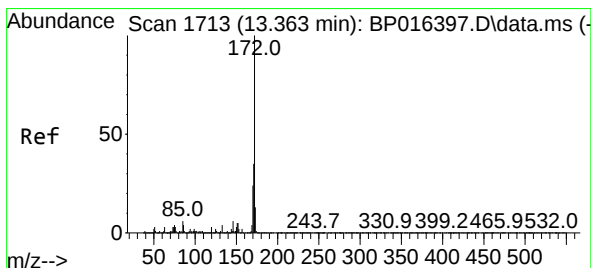
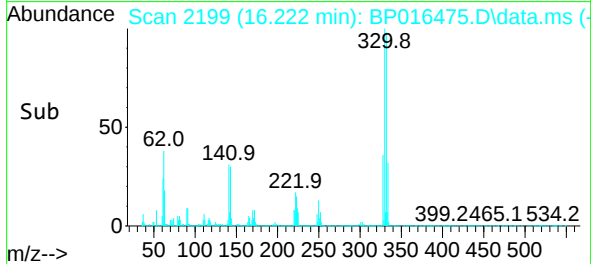
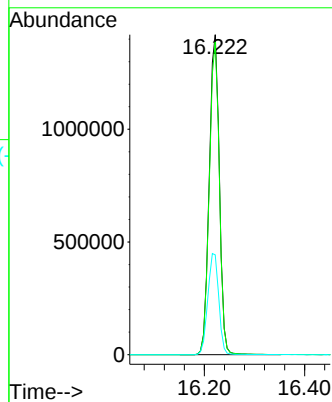
Tgt Ion:330 Resp: 1994914

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.8

141 34.3 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 84.016 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016475.D

Acq: 02 Aug 2023 18:45

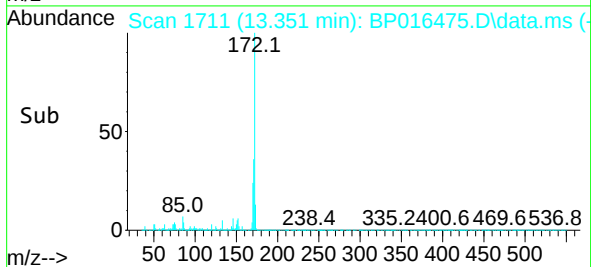
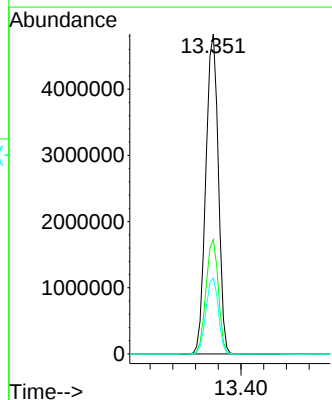
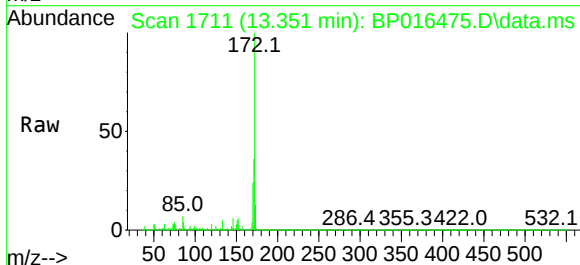
Tgt Ion:172 Resp: 7356324

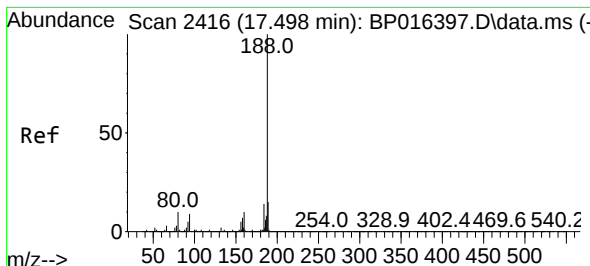
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP016475.D

Acq: 02 Aug 2023 18:45

Instrument :

BNA_P

ClientSampleId :

MW-19-20230727

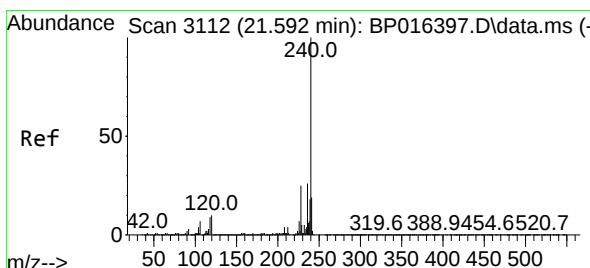
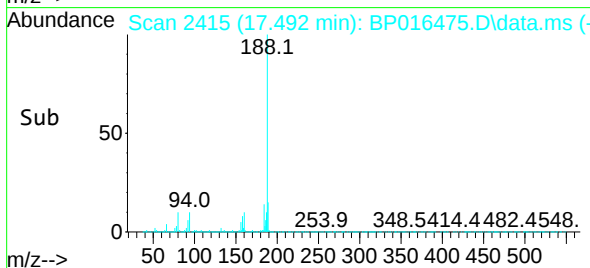
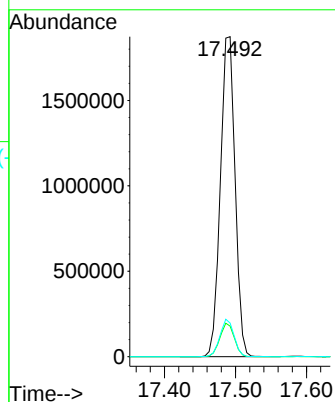
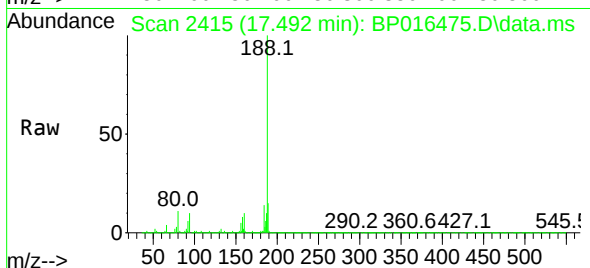
Tgt Ion:188 Resp: 2678252

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.0

80 10.5 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016475.D

Acq: 02 Aug 2023 18:45

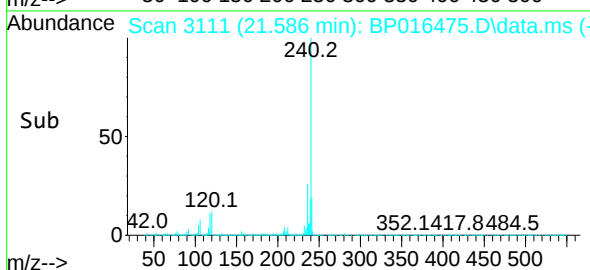
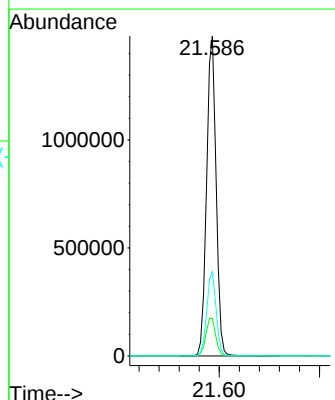
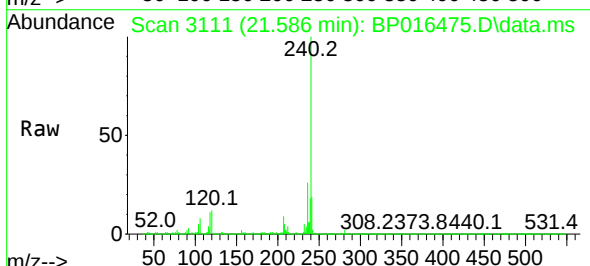
Tgt Ion:240 Resp: 1950846

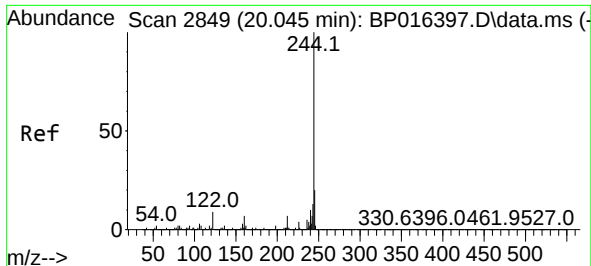
Ion Ratio Lower Upper

240 100

120 11.7 7.9 11.9

236 26.3 21.1 31.7

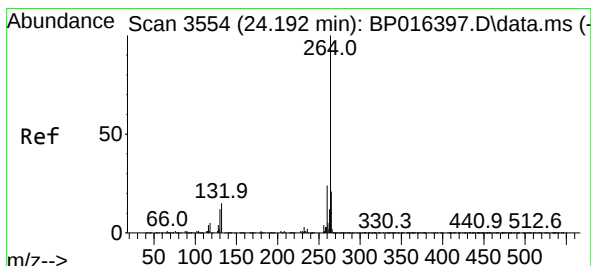
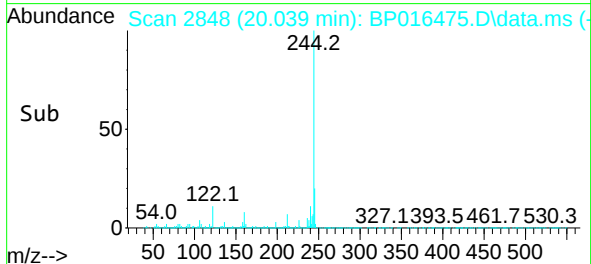
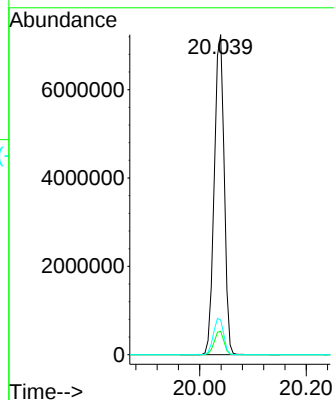
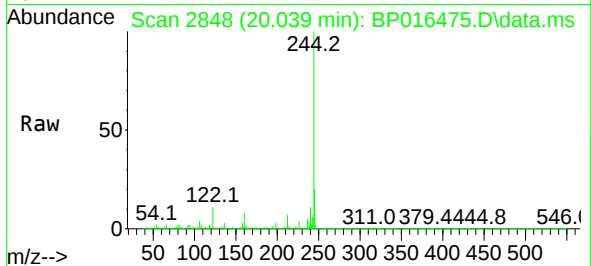




#79
 Terphenyl-d14
 Concen: 101.339 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP016475.D
 Acq: 02 Aug 2023 18:45

Instrument :
 BNA_P
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 MW-19-20230727

Tgt Ion:244 Resp: 9358742
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.9 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.180 min Scan# 3552
 Delta R.T. -0.012 min
 Lab File: BP016475.D
 Acq: 02 Aug 2023 18:45

Tgt Ion:264 Resp: 1803174
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.7 17.4 26.0

