

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016472.D
 Acq On : 02 Aug 2023 17:03
 Operator : MA/JU
 Sample : 03831-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-16-20230727

Quant Time: Aug 02 21:47:11 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	545072	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	2331312	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1440025	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	3107750	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2319086	20.000	ng	0.00
86) Perylene-d12	24.186	264	2196341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1792990	53.665	ng	-0.02
7) Phenol-d6	7.210	99	1492624	32.593	ng	-0.02
23) Nitrobenzene-d5	9.275	82	3527377	84.698	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	2195173	103.620	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	7749660	77.155	ng	-0.01
79) Terphenyl-d14	20.039	244	10303677	93.855	ng	0.00

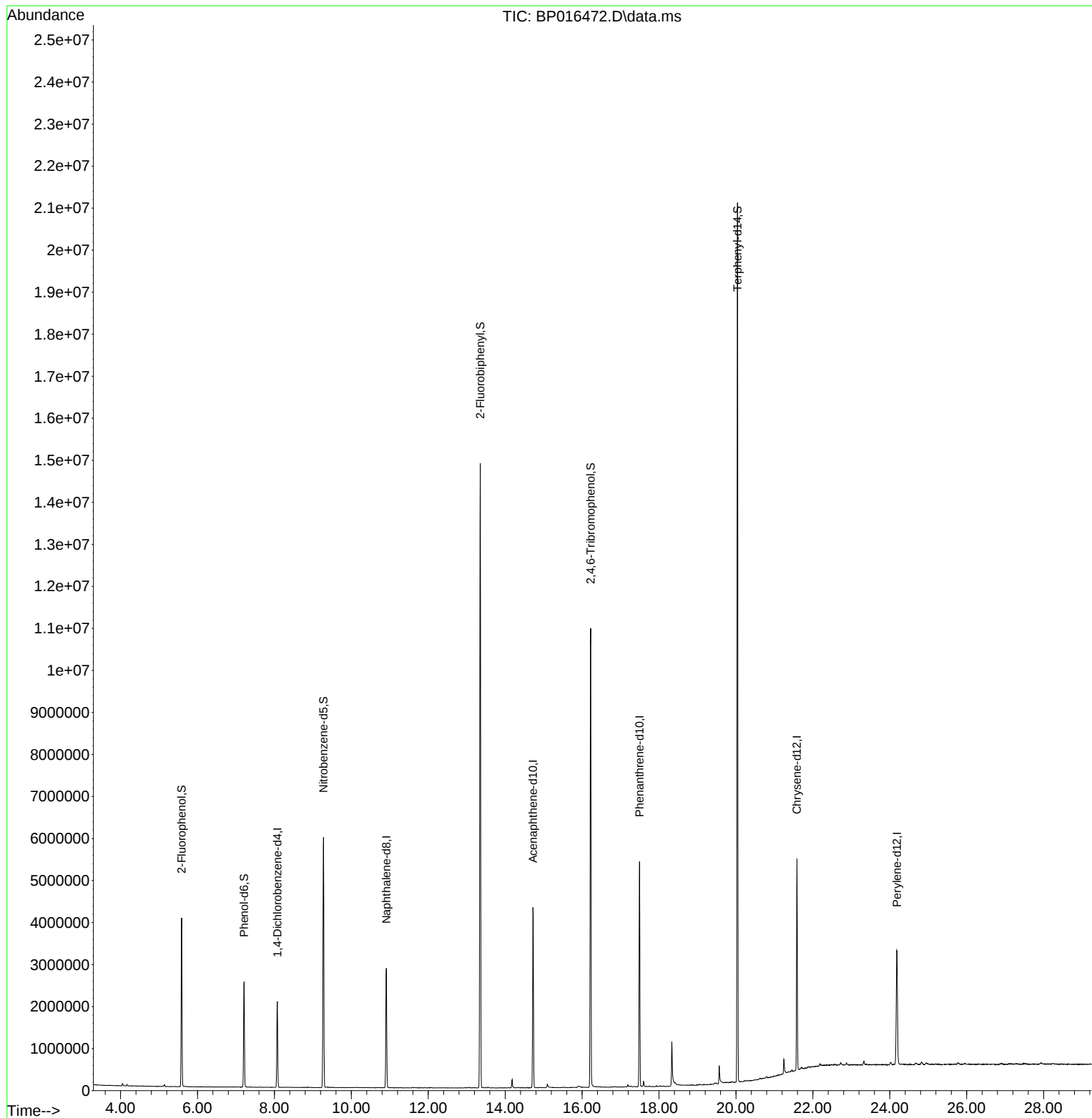
Target Compounds	Qvalue

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

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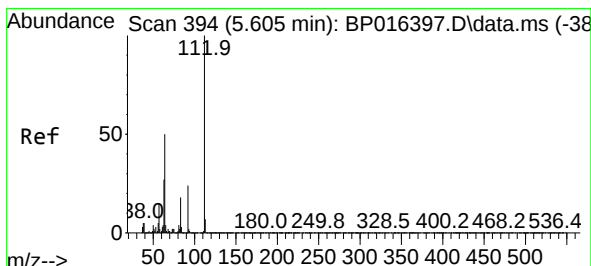
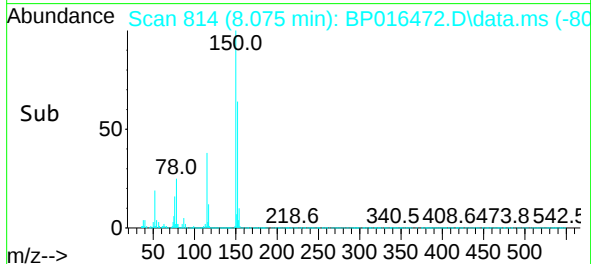
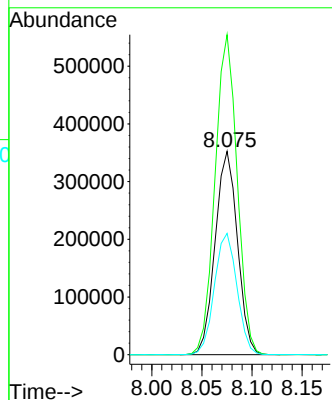
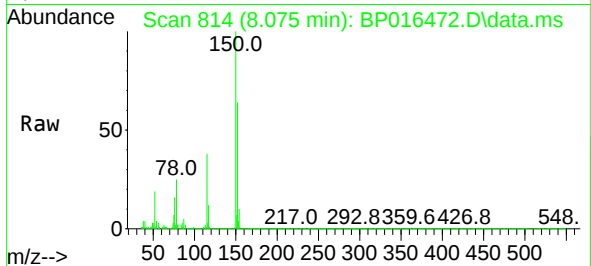




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

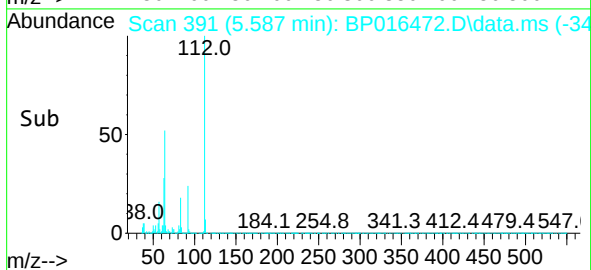
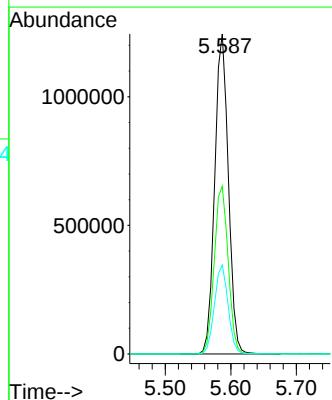
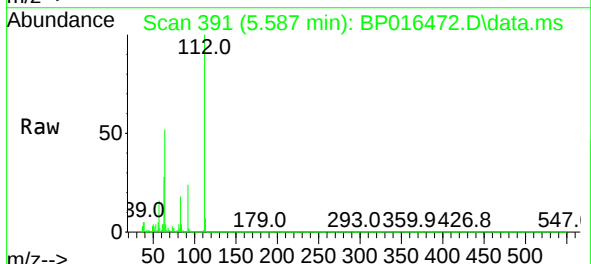
Instrument :
BNA_P
ClientSampleId :
MW-16-20230727

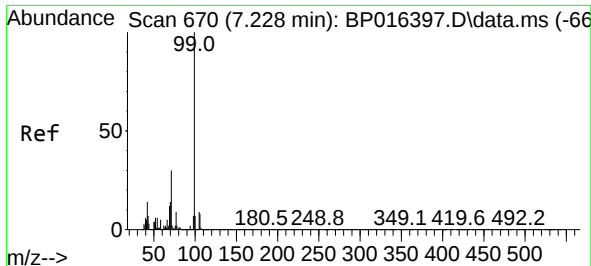
Tgt Ion:152 Resp: 545072
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 59.7 46.8 70.2



#5
2-Fluorophenol
Concen: 53.665 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

Tgt Ion:112 Resp: 1792990
Ion Ratio Lower Upper
112 100
64 52.4 40.0 60.0
63 27.8 21.2 31.8



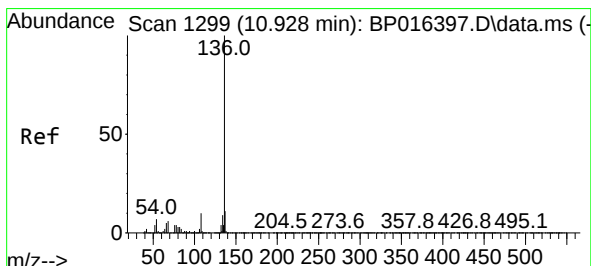
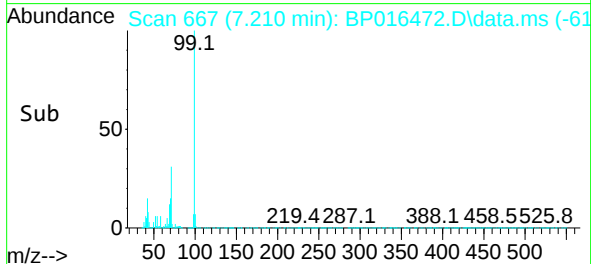
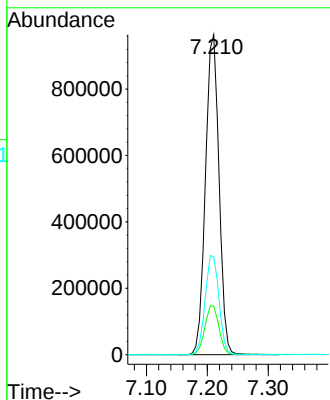
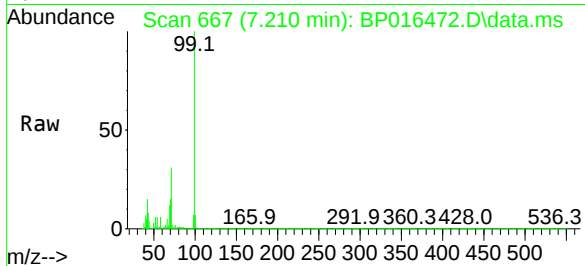


#7
Phenol-d6
Concen: 32.593 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

Instrument :
BNA_P
ClientSampleId :
MW-16-20230727

Tgt Ion: 99 Resp: 1492624

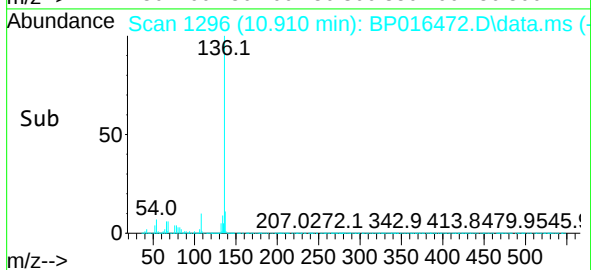
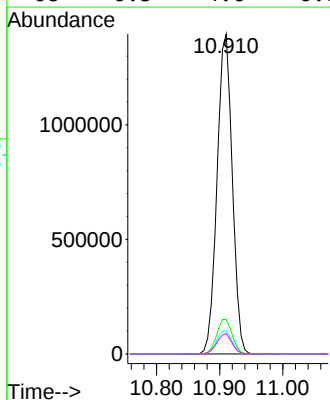
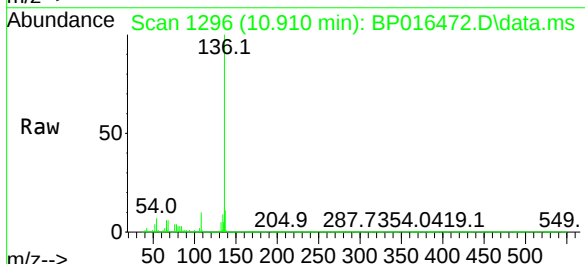
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.6	17.4
71	30.6	24.3	36.5

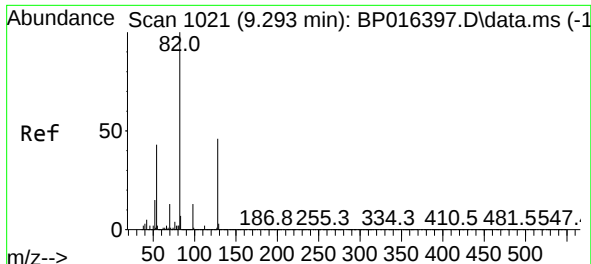


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

Tgt Ion: 136 Resp: 2331312

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.3	5.6	8.4
68	6.3	4.6	6.8

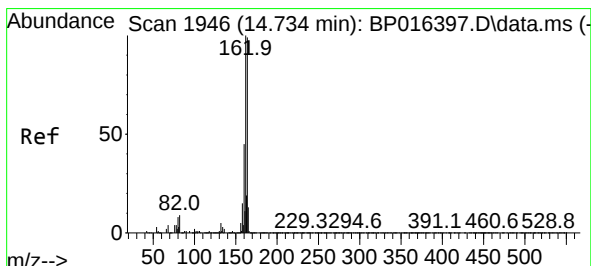
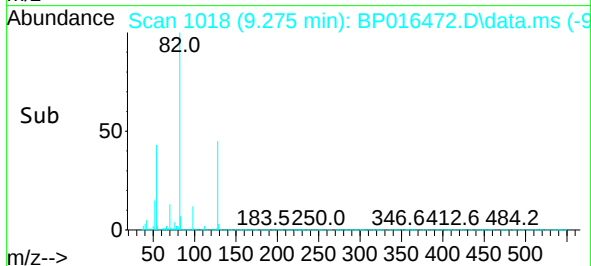
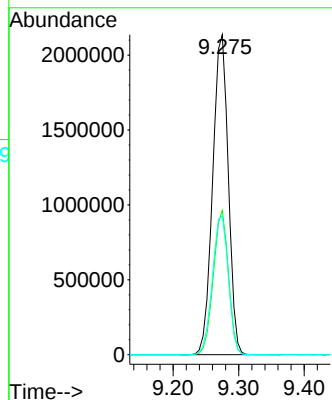
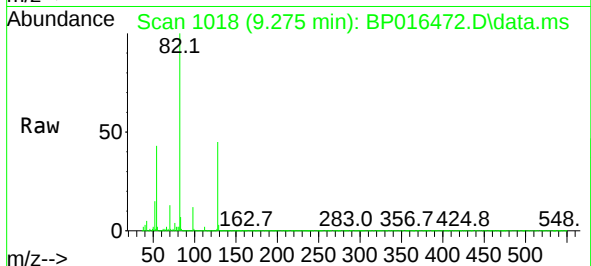




#23
Nitrobenzene-d5
Concen: 84.698 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

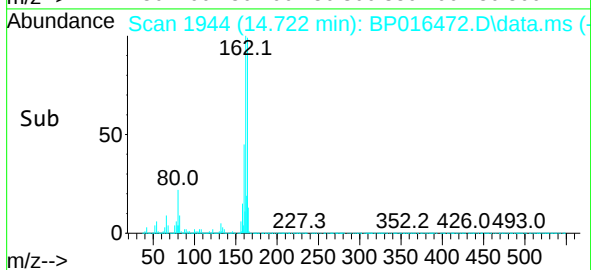
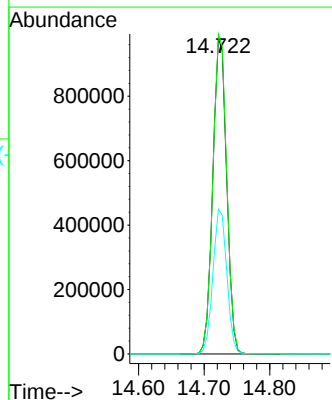
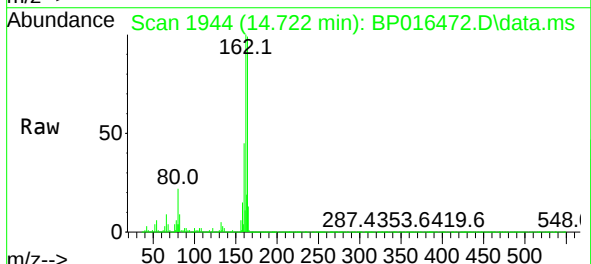
Instrument :
BNA_P
ClientSampleId :
MW-16-20230727

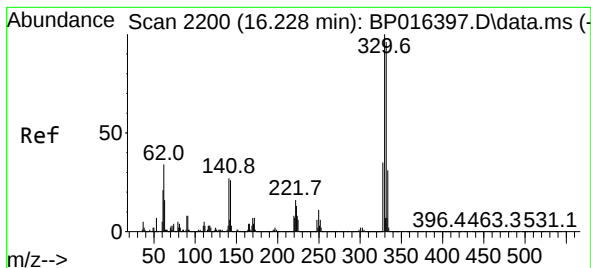
Tgt Ion: 82 Resp: 3527377
Ion Ratio Lower Upper
82 100
128 45.1 36.6 55.0
54 43.3 34.5 51.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

Tgt Ion: 164 Resp: 1440025
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 45.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 103.620 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016472.D

Acq: 02 Aug 2023 17:03

Instrument :

BNA_P

ClientSampleId :

MW-16-20230727

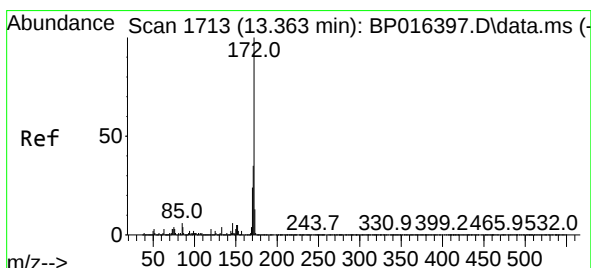
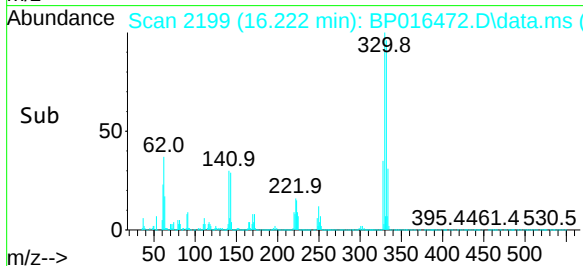
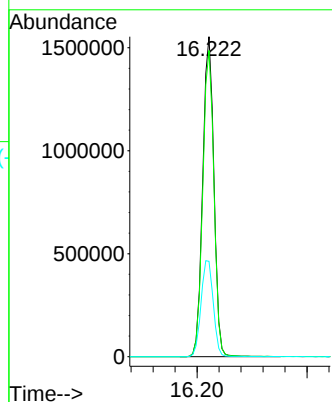
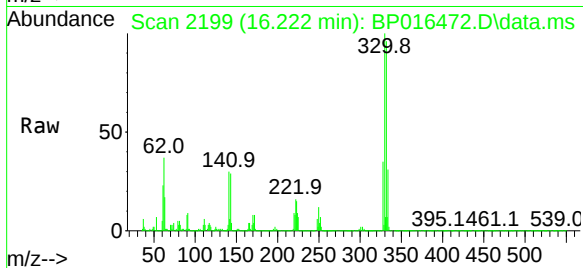
Tgt Ion:330 Resp: 2195173

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.8

141 32.9 22.6 34.0



#45

2-Fluorobiphenyl

Concen: 77.155 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016472.D

Acq: 02 Aug 2023 17:03

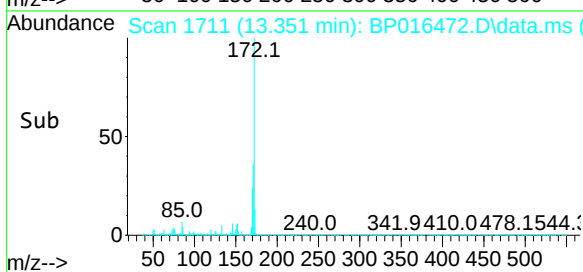
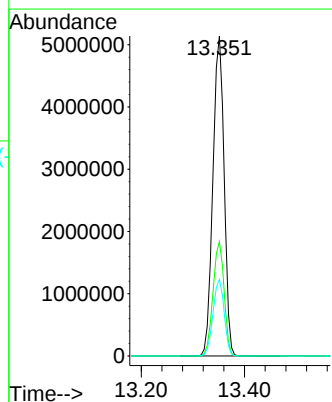
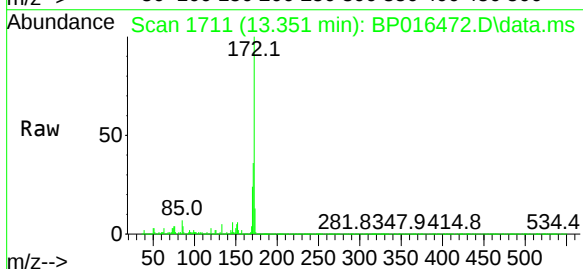
Tgt Ion:172 Resp: 7749660

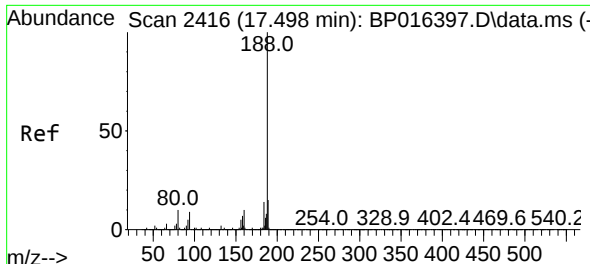
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.0 19.1 28.7

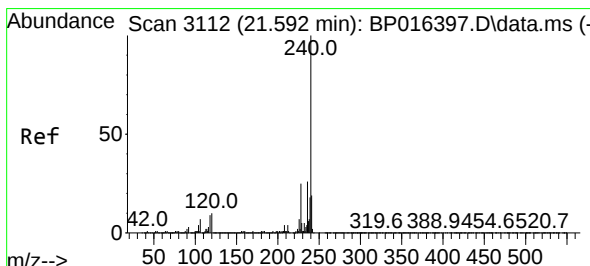
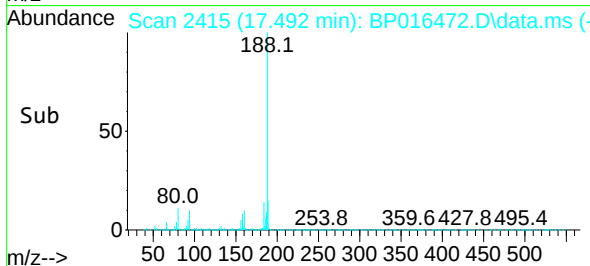
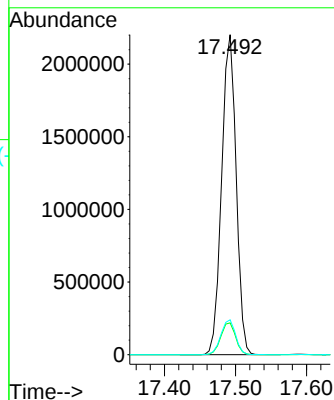
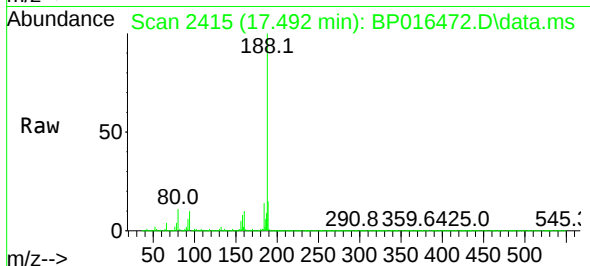




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

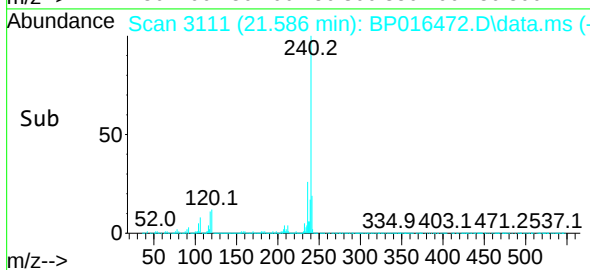
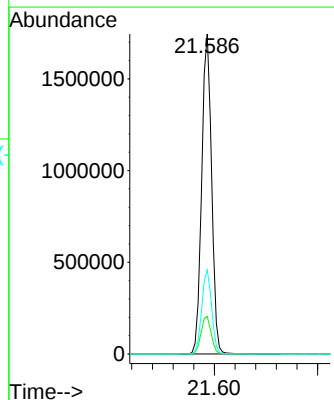
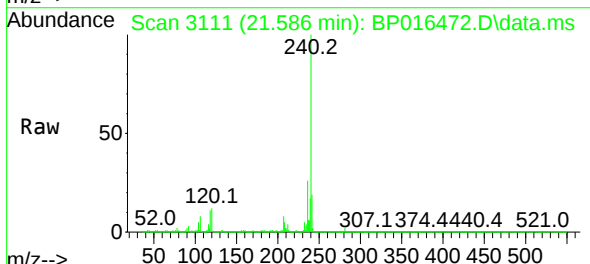
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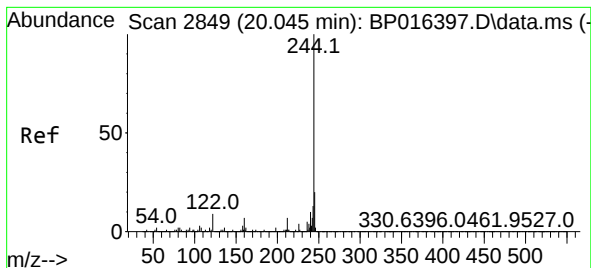
Tgt Ion:188 Resp: 3107750
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.9 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016472.D
Acq: 02 Aug 2023 17:03

Tgt Ion:240 Resp: 2319086
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 93.855 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016472.D

Acq: 02 Aug 2023 17:03

Instrument :

BNA_P

ClientSampleId :

MW-16-20230727

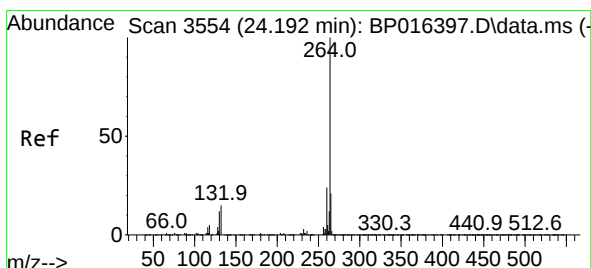
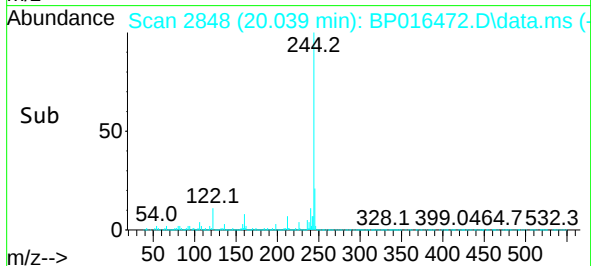
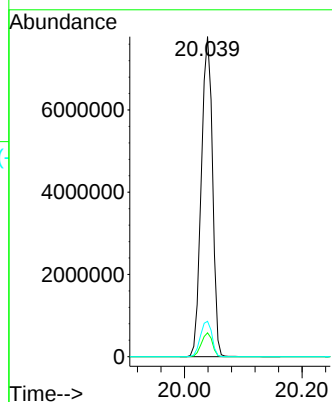
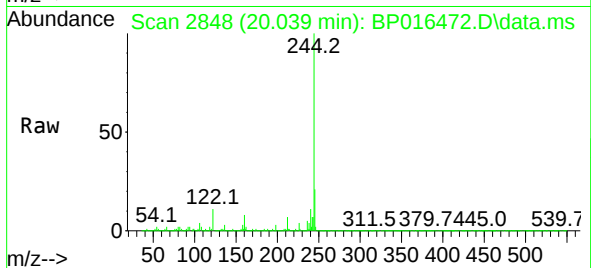
Tgt Ion:244 Resp:10303677

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

122 11.1 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BP016472.D

Acq: 02 Aug 2023 17:03

Tgt Ion:264 Resp: 2196341

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.5 17.4 26.0

