

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016471.D
 Acq On : 02 Aug 2023 16:23
 Operator : MA/JU
 Sample : 03831-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-15-20230727

Quant Time: Aug 02 21:46:47 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)

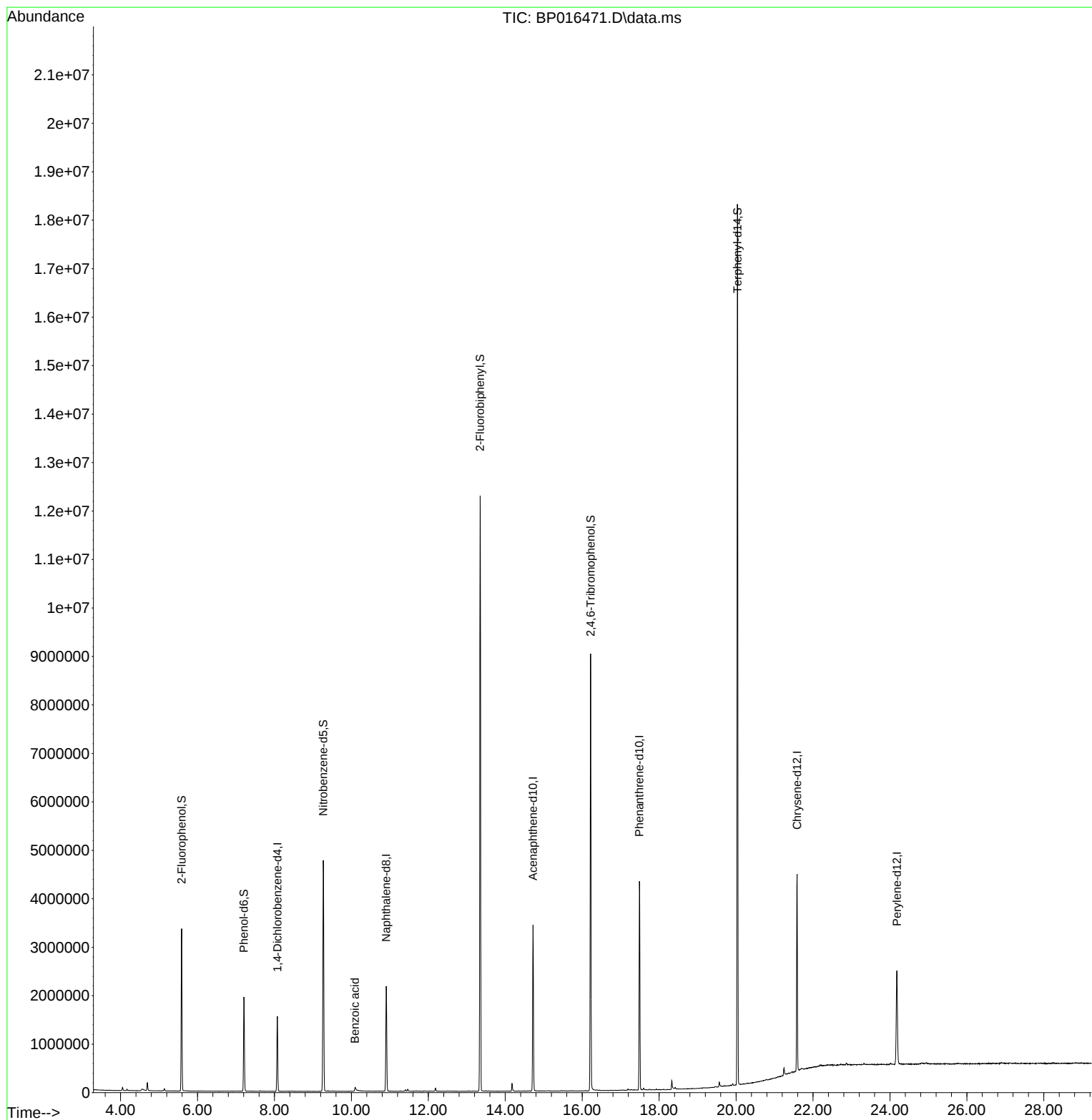
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	418749	20.000	ng	-0.02
21) Naphthalene-d8	10.905	136	1786377	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1131452	20.000	ng	-0.01
64) Phenanthrene-d10	17.487	188	2515616	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1902592	20.000	ng	0.00
86) Perylene-d12	24.180	264	1513439	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1454846	56.680	ng	-0.02
7) Phenol-d6	7.205	99	1147459	32.615	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2787095	87.337	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1727448	103.780	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	6485209	82.175	ng	-0.02
79) Terphenyl-d14	20.039	244	8935978	99.215	ng	0.00
Target Compounds						
32) Benzoic acid	10.093	122	51397	8.648	ng	92

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

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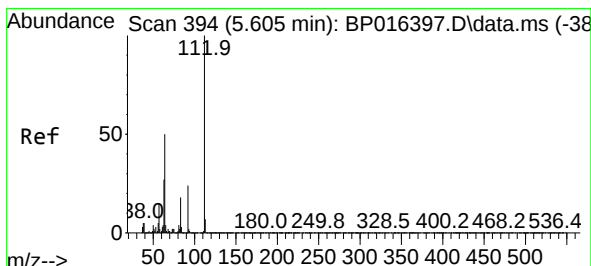
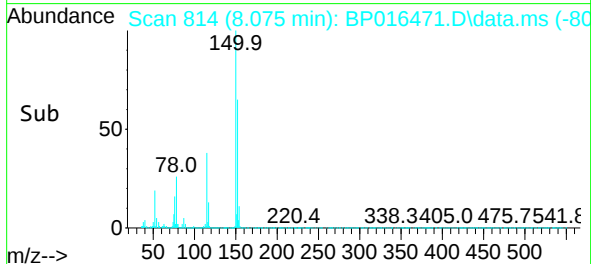
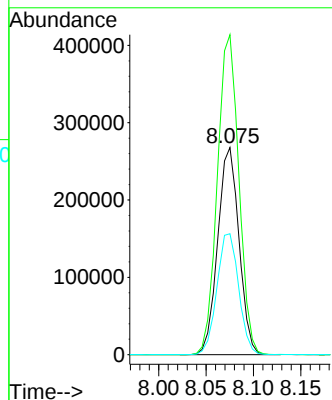
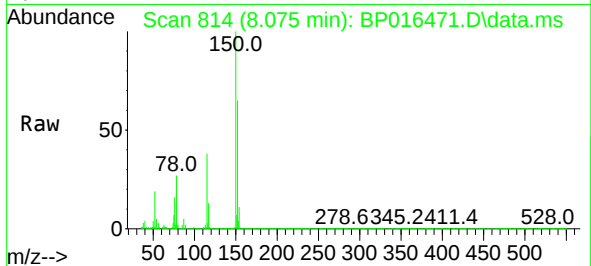




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 817
Delta R.T. -0.018 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

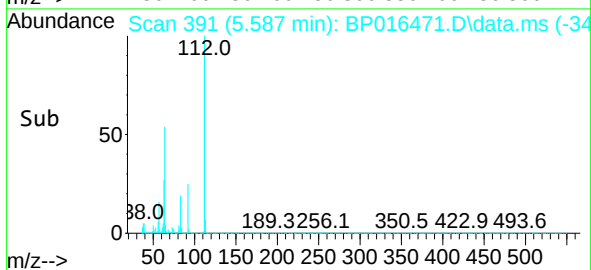
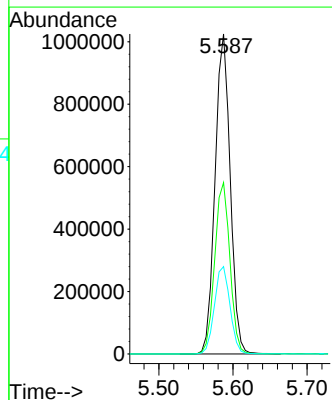
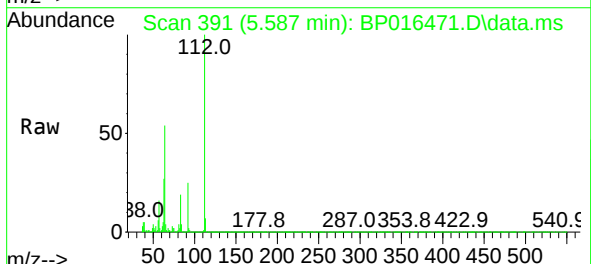
Instrument :
BNA_P
ClientSampleId :
MW-15-20230727

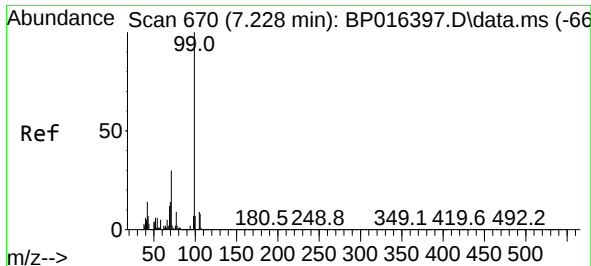
Tgt Ion:152 Resp: 418749
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 58.4 46.8 70.2



#5
2-Fluorophenol
Concen: 56.680 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion:112 Resp: 1454846
Ion Ratio Lower Upper
112 100
64 53.5 40.0 60.0
63 27.3 21.2 31.8

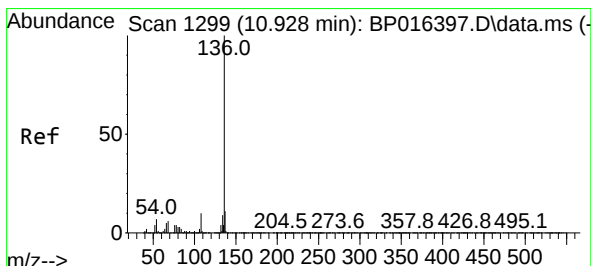
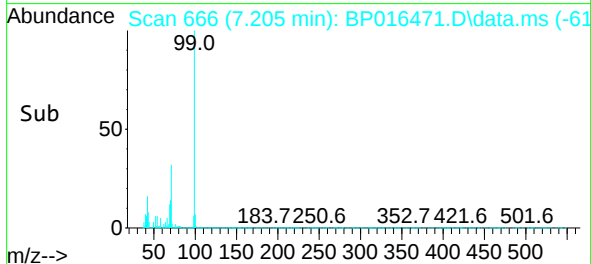
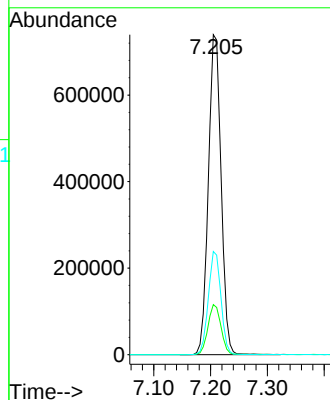
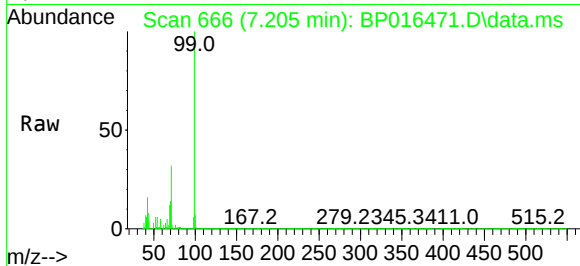




#7
Phenol-d6
Concen: 32.615 ng
RT: 7.205 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

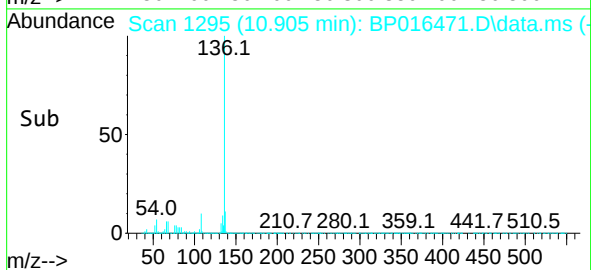
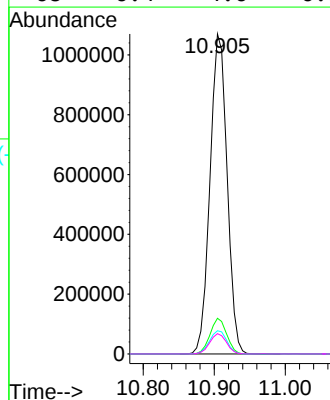
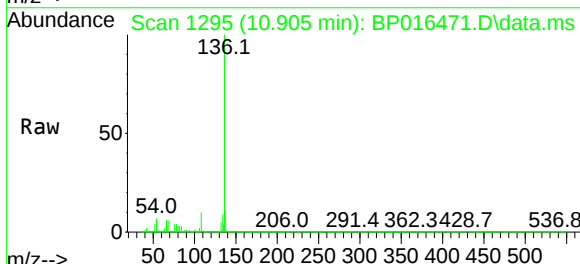
Instrument :
BNA_P
ClientSampleId :
MW-15-20230727

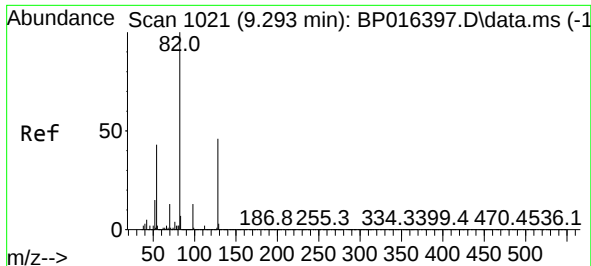
Tgt Ion: 99 Resp: 1147459
Ion Ratio Lower Upper
99 100
42 15.6 11.6 17.4
71 32.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion: 136 Resp: 1786377
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.3 5.6 8.4
68 6.4 4.6 6.8

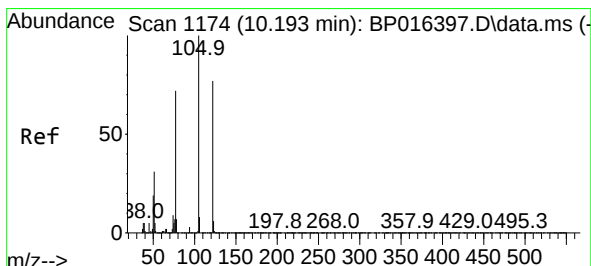
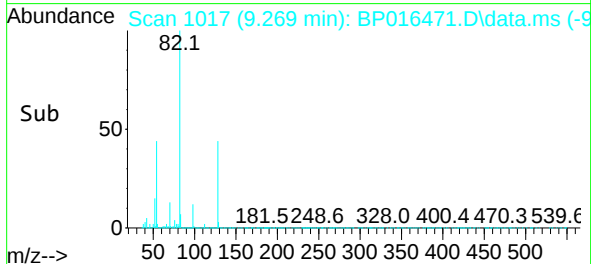
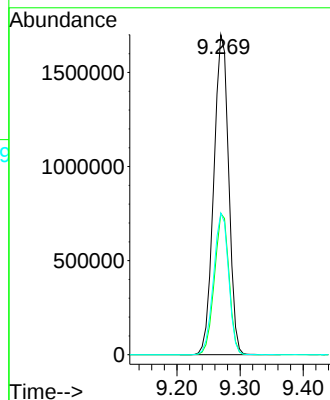
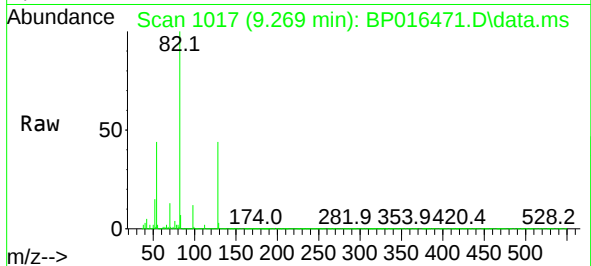




#23
Nitrobenzene-d5
Concen: 87.337 ng
RT: 9.269 min Scan# 1021
Delta R.T. -0.024 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

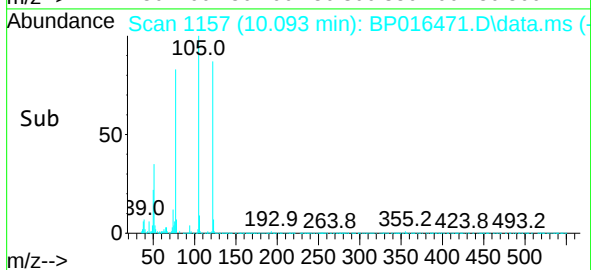
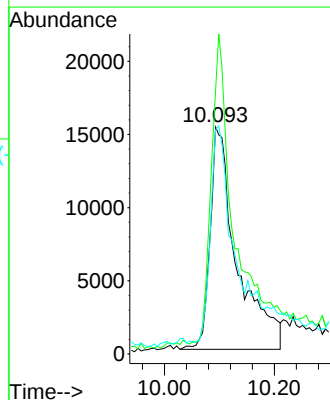
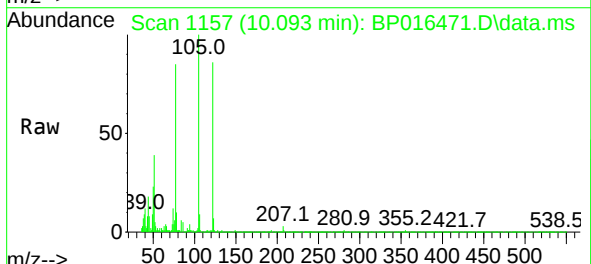
Instrument :
BNA_P
ClientSampleId :
MW-15-20230727

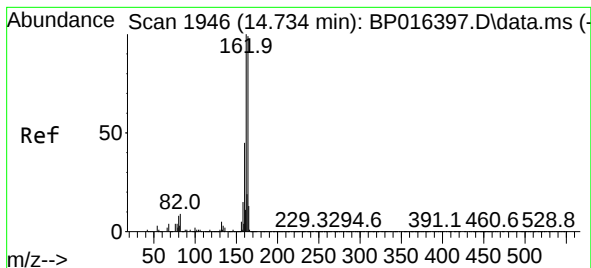
Tgt Ion: 82 Resp: 2787095
Ion Ratio Lower Upper
82 100
128 44.1 36.6 55.0
54 44.3 34.5 51.7



#32
Benzoic acid
Concen: 8.648 ng
RT: 10.093 min Scan# 1157
Delta R.T. -0.100 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion:122 Resp: 51397
Ion Ratio Lower Upper
122 100
105 116.0 105.2 145.2
77 98.7 72.2 112.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1944

Delta R.T. -0.012 min

Lab File: BP016471.D

Acq: 02 Aug 2023 16:23

Instrument :

BNA_P

ClientSampleId :

MW-15-20230727

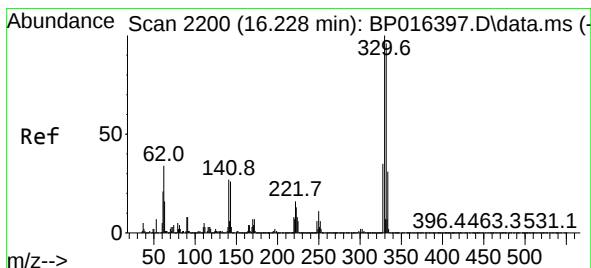
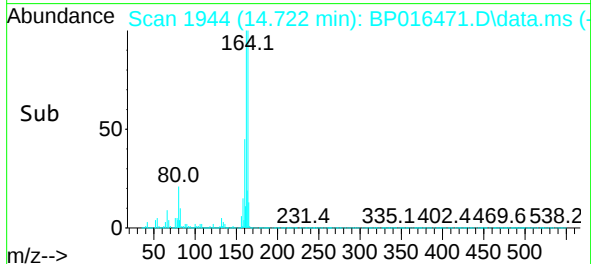
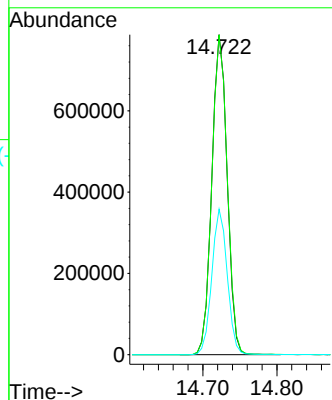
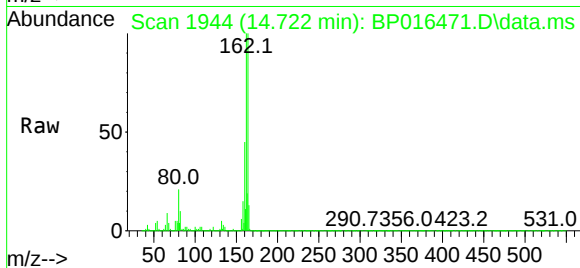
Tgt Ion:164 Resp: 1131452

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

160 45.4 36.6 55.0



#42

2,4,6-Tribromophenol

Concen: 103.780 ng

RT: 16.222 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BP016471.D

Acq: 02 Aug 2023 16:23

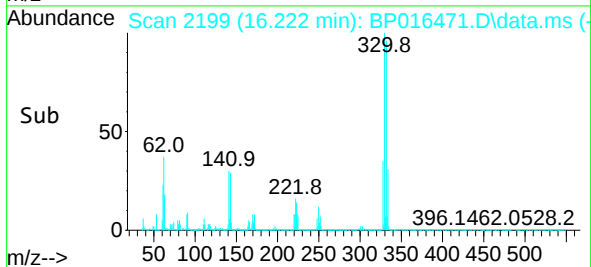
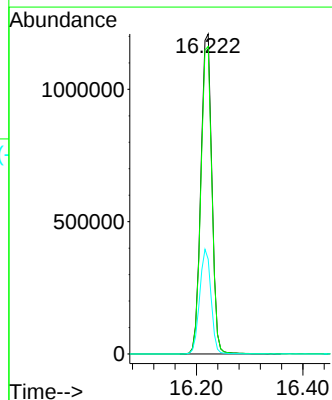
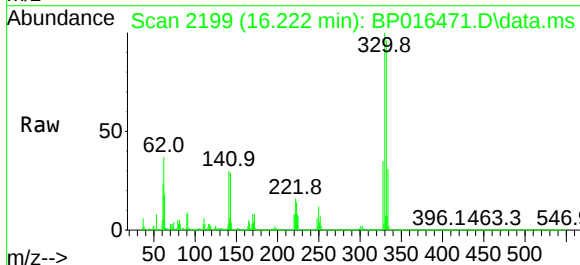
Tgt Ion:330 Resp: 1727448

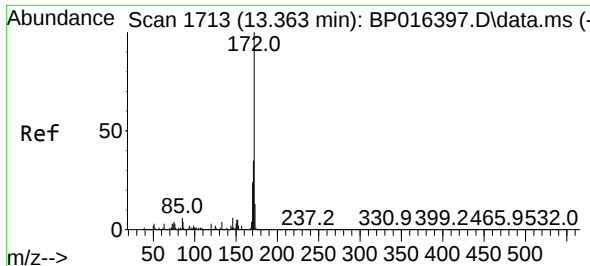
Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 33.7 22.6 34.0

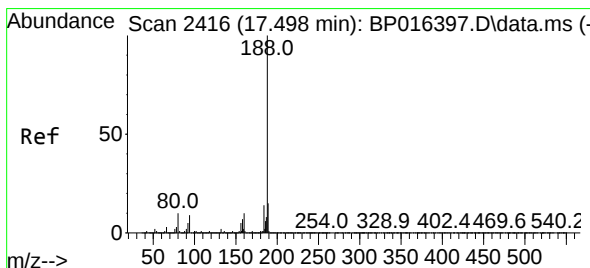
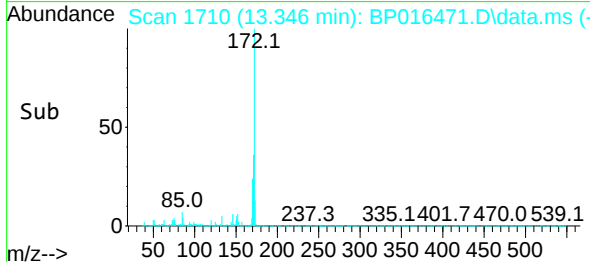
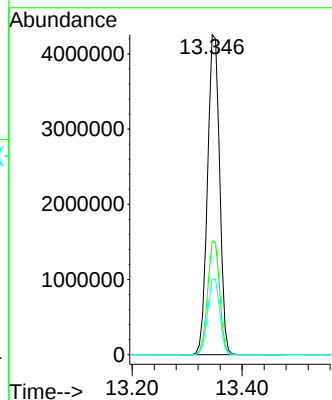
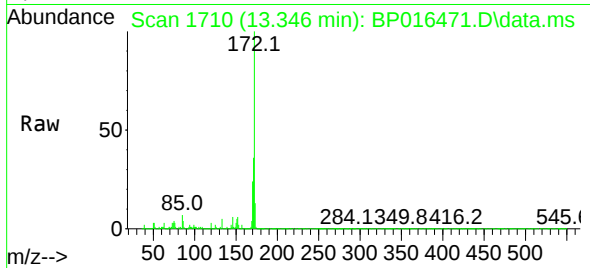




#45
2-Fluorobiphenyl
Concen: 82.175 ng
RT: 13.346 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

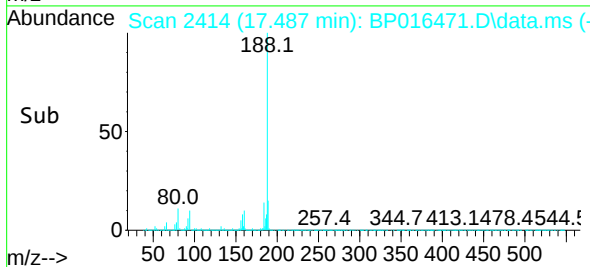
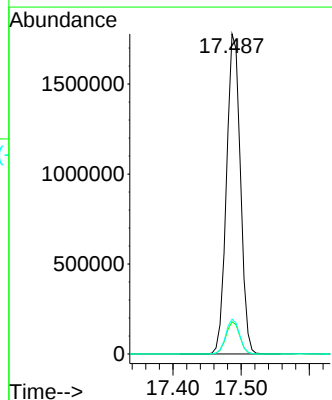
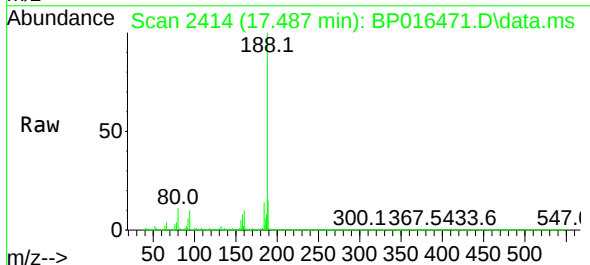
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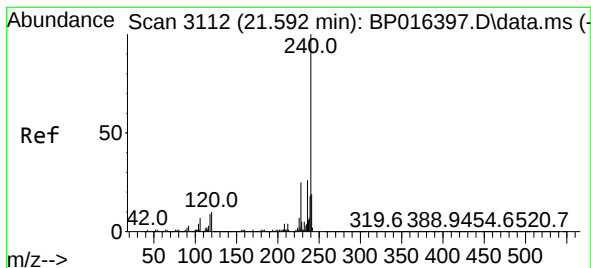
Tgt Ion:172 Resp: 6485209
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.6 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion:188 Resp: 2515616
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.8 7.8 11.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP016471.D

Acq: 02 Aug 2023 16:23

Instrument :

BNA_P

ClientSampleId :

MW-15-20230727

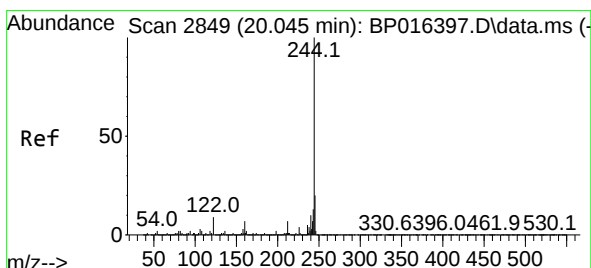
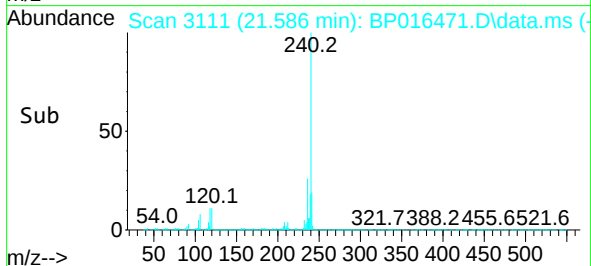
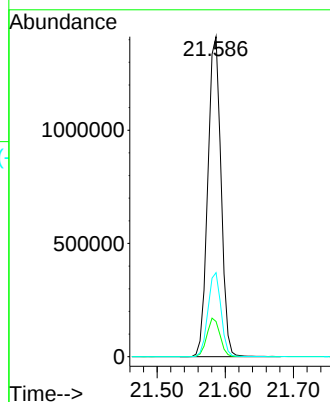
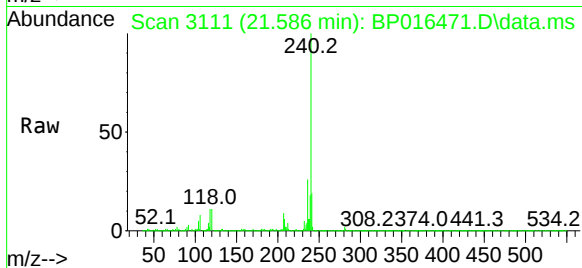
Tgt Ion:240 Resp: 1902592

Ion Ratio Lower Upper

240 100

120 11.0 7.9 11.9

236 26.3 21.1 31.7



#79

Terphenyl-d14

Concen: 99.215 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016471.D

Acq: 02 Aug 2023 16:23

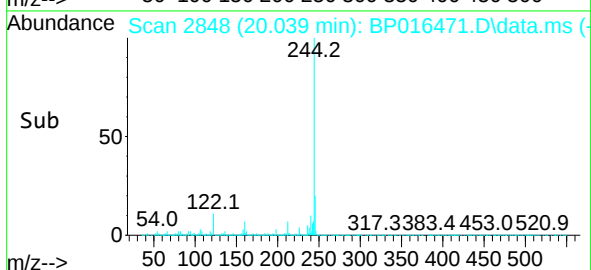
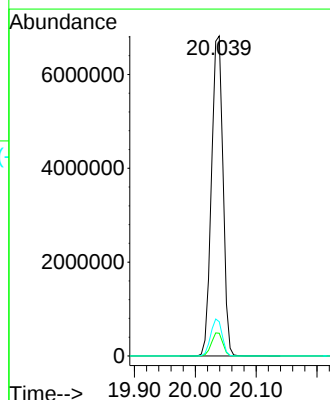
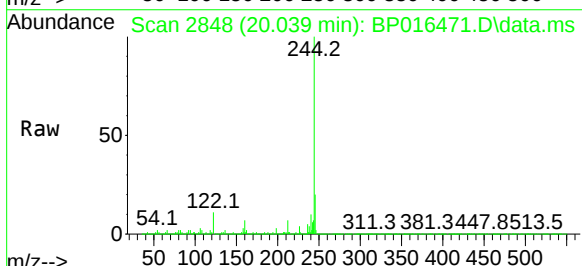
Tgt Ion:244 Resp: 8935978

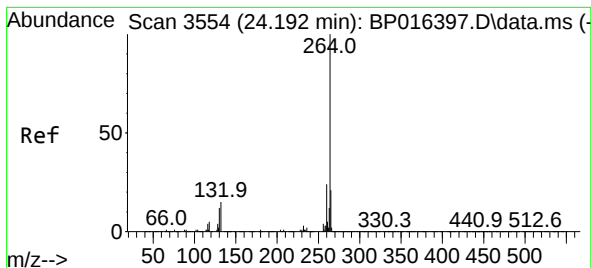
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.7 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP016471.D

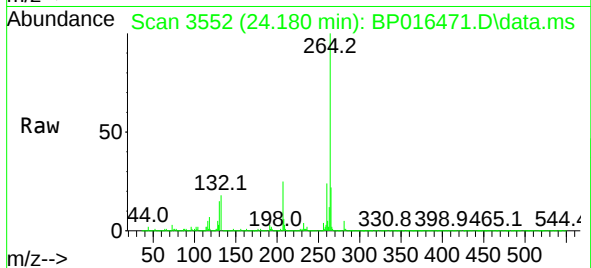
Acq: 02 Aug 2023 16:23

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Tgt Ion:264 Resp: 1513439

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.9 17.4 26.0

