

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016476.D
 Acq On : 02 Aug 2023 19:19
 Operator : MA/JU
 Sample : 03831-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-20-20230727

Quant Time: Aug 02 21:48:58 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	411898	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1759678	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1097248	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	2384686	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1776456	20.000	ng	0.00
86) Perylene-d12	24.180	264	1676369	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1635462	64.776	ng	-0.02
7) Phenol-d6	7.210	99	1313895	37.966	ng	-0.02
23) Nitrobenzene-d5	9.269	82	3120948	99.283	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1939691	120.163	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	6966904	91.030	ng	-0.01
79) Terphenyl-d14	20.039	244	9005385	107.085	ng	0.00

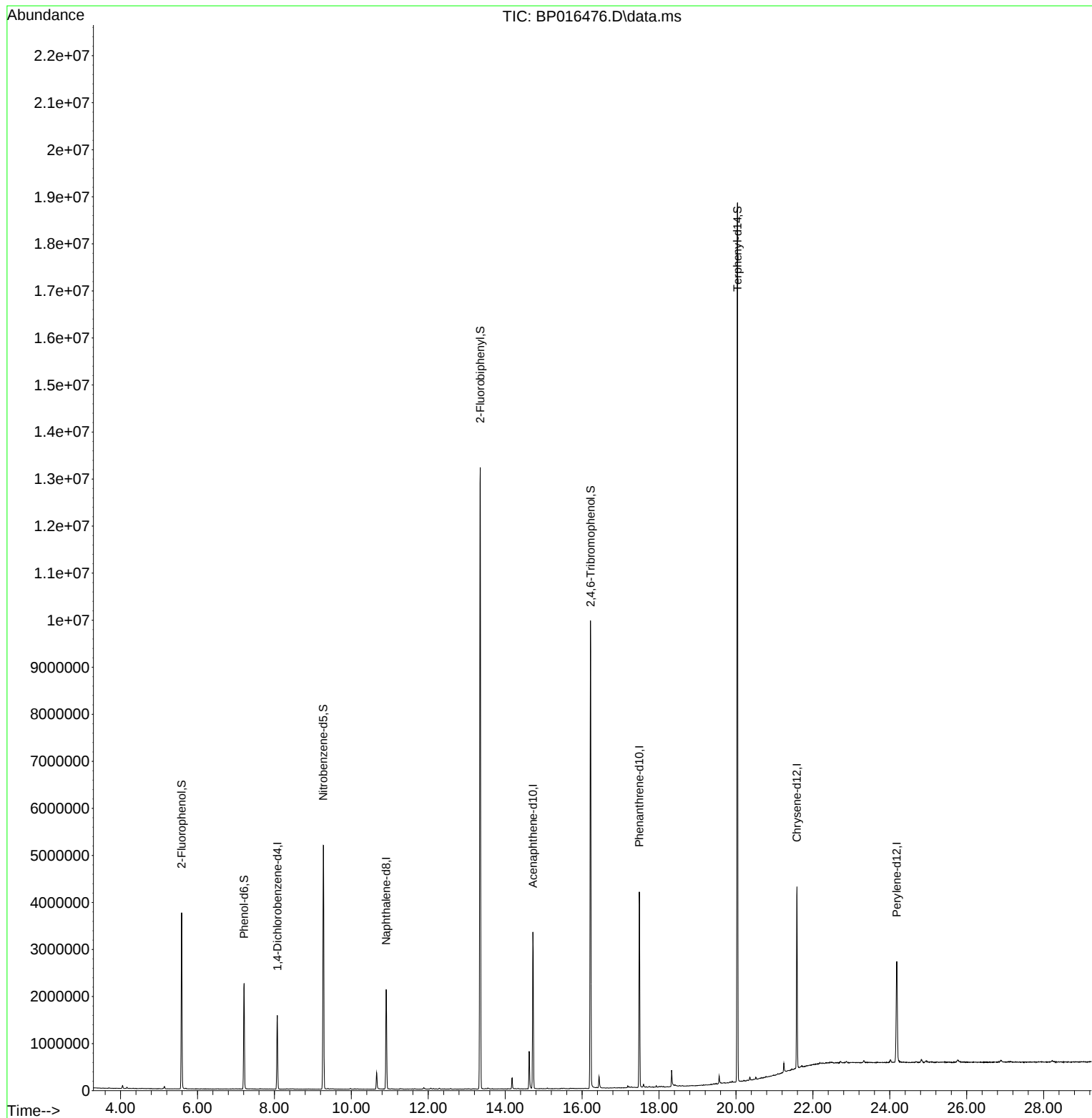
Target Compounds	Qvalue

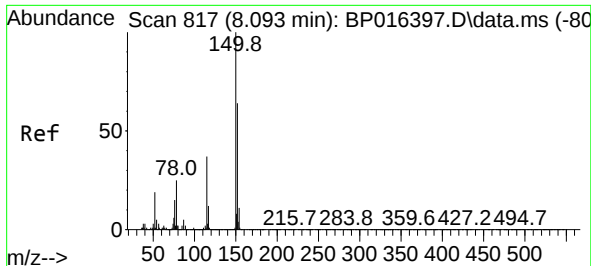
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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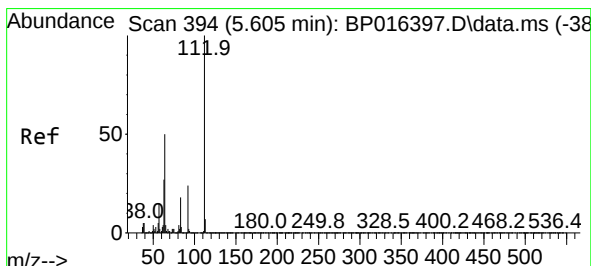
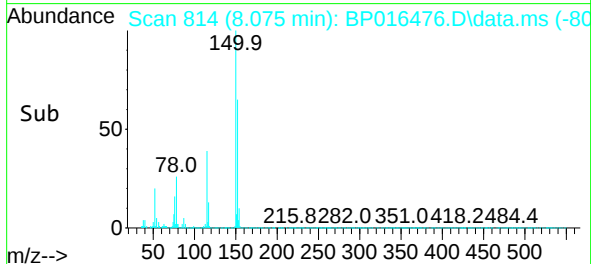
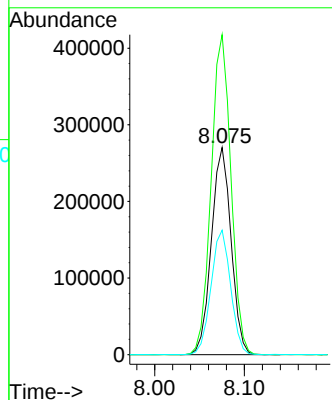
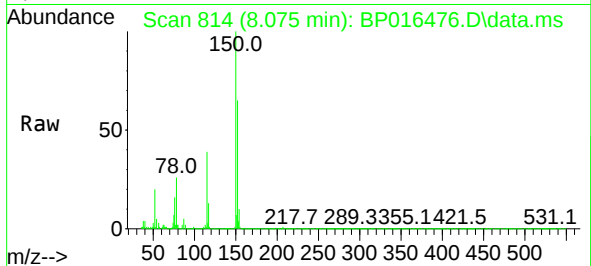




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016476.D
Acq: 02 Aug 2023 19:19

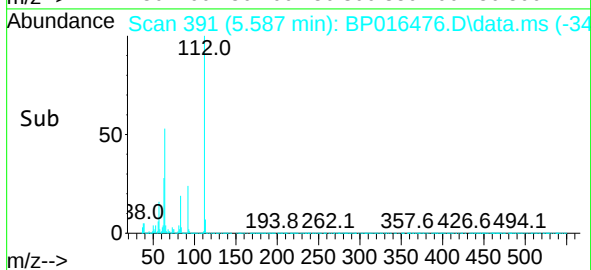
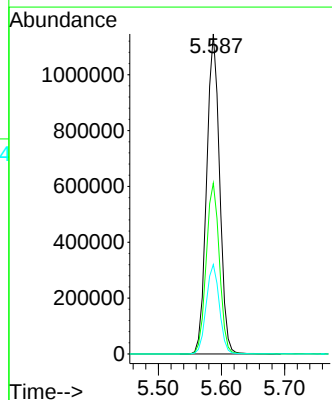
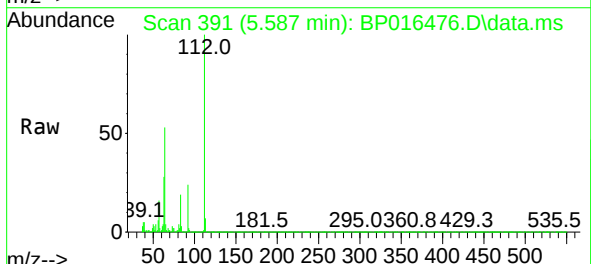
Instrument :
BNA_P
ClientSampleId :
MW-20-20230727

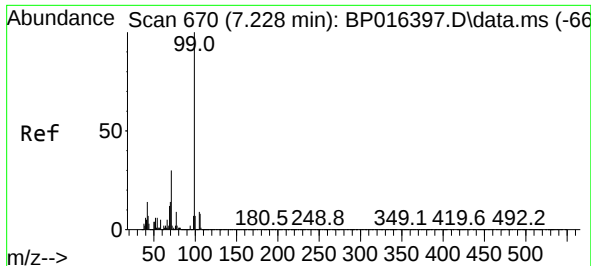
Tgt Ion:152 Resp: 411898
Ion Ratio Lower Upper
152 100
150 154.4 124.9 187.3
115 60.1 46.8 70.2



#5
2-Fluorophenol
Concen: 64.776 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016476.D
Acq: 02 Aug 2023 19:19

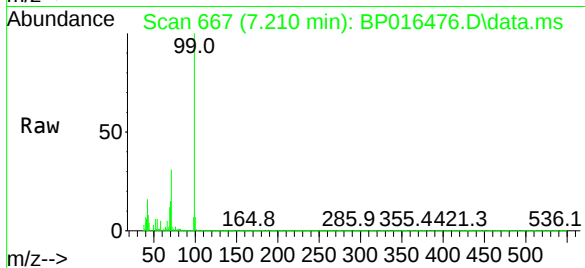
Tgt Ion:112 Resp: 1635462
Ion Ratio Lower Upper
112 100
64 53.4 40.0 60.0
63 28.0 21.2 31.8



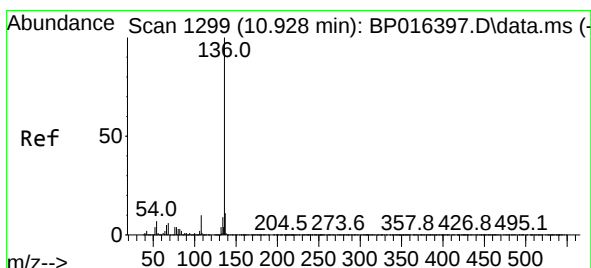
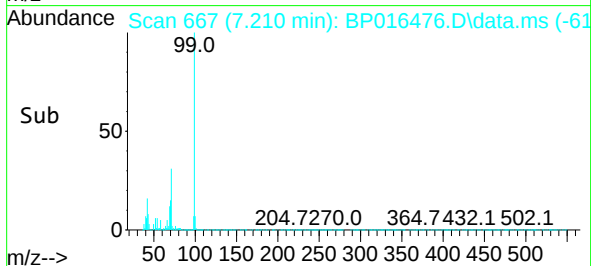
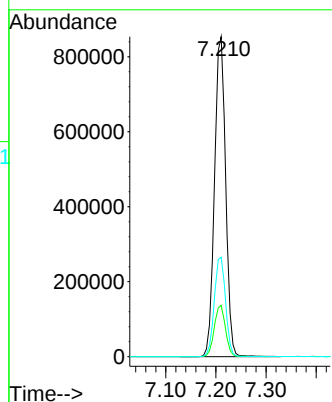


#7
Phenol-d6
Concen: 37.966 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016476.D
Acq: 02 Aug 2023 19:19

Instrument :
BNA_P
ClientSampleId :
MW-20-20230727

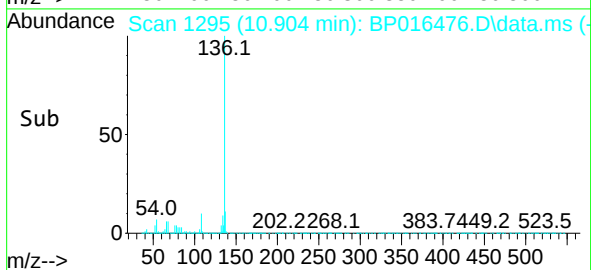
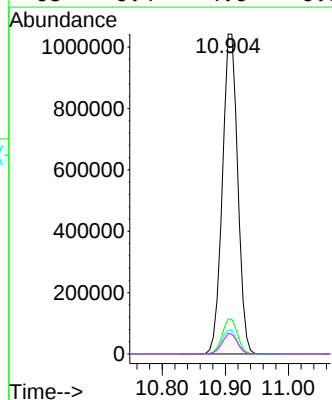
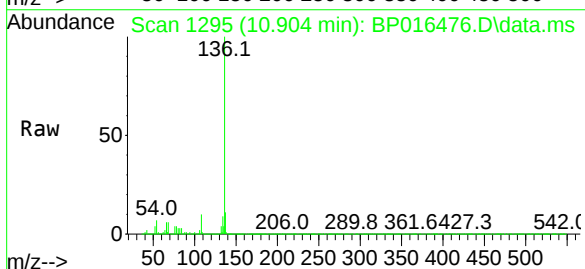


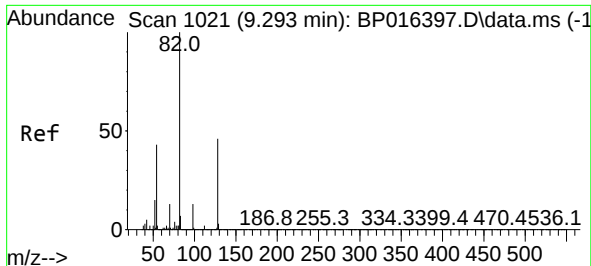
Tgt Ion: 99 Resp: 1313895
Ion Ratio Lower Upper
99 100
42 16.0 11.6 17.4
71 31.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016476.D
Acq: 02 Aug 2023 19:19

Tgt Ion: 136 Resp: 1759678
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.5 5.6 8.4
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 99.283 ng

RT: 9.269 min Scan# 1017

Delta R.T. -0.024 min

Lab File: BP016476.D

Acq: 02 Aug 2023 19:19

Instrument :

BNA_P

ClientSampleId :

MW-20-20230727

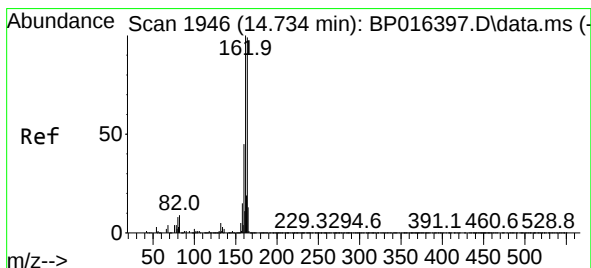
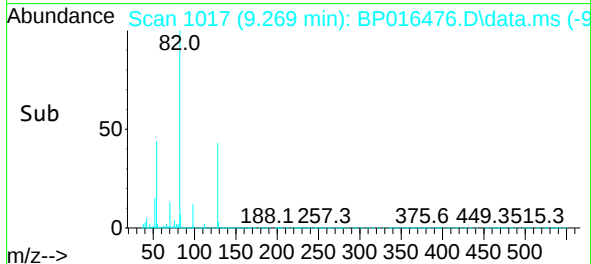
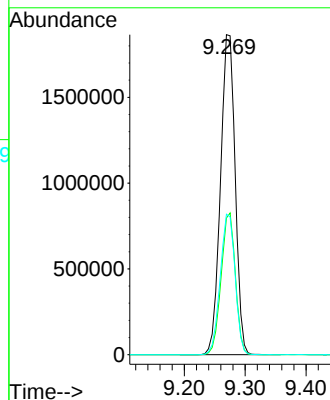
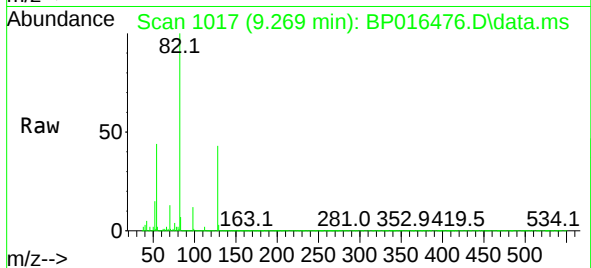
Tgt Ion: 82 Resp: 3120948

Ion Ratio Lower Upper

82 100

128 42.7 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: BP016476.D

Acq: 02 Aug 2023 19:19

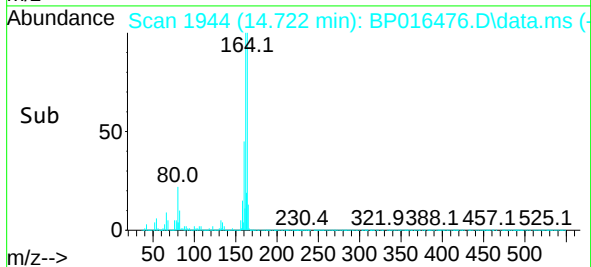
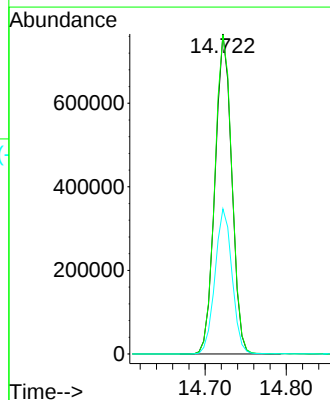
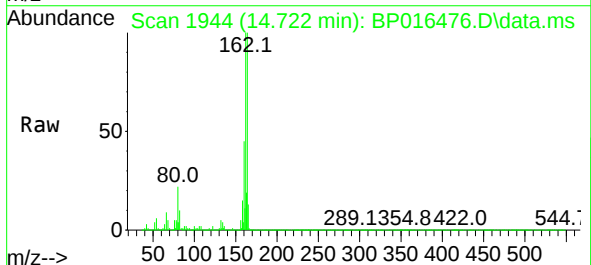
Tgt Ion:164 Resp: 1097248

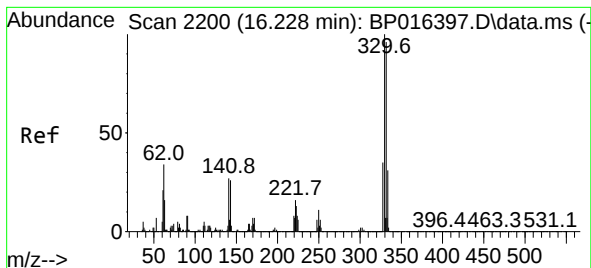
Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.6

160 45.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 120.163 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016476.D

Acq: 02 Aug 2023 19:19

Instrument :

BNA_P

ClientSampleId :

MW-20-20230727

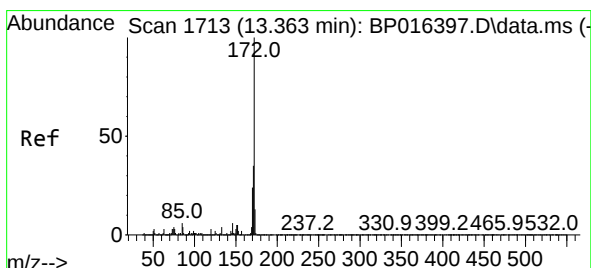
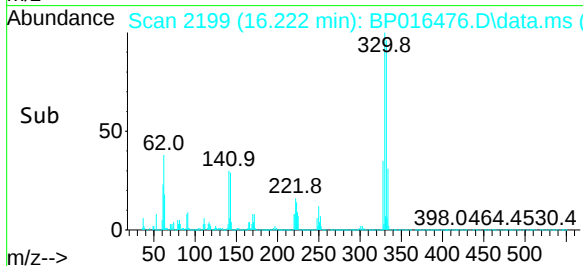
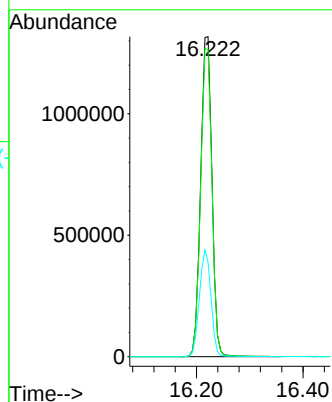
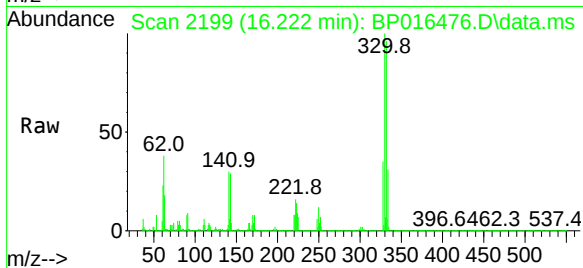
Tgt Ion:330 Resp: 1939691

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 34.0 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 91.030 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016476.D

Acq: 02 Aug 2023 19:19

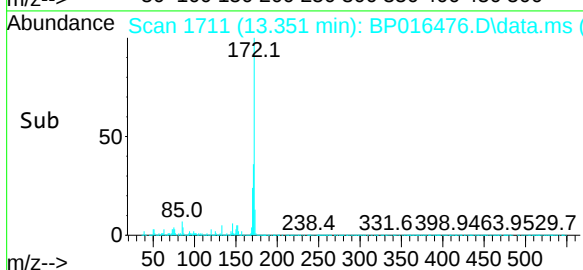
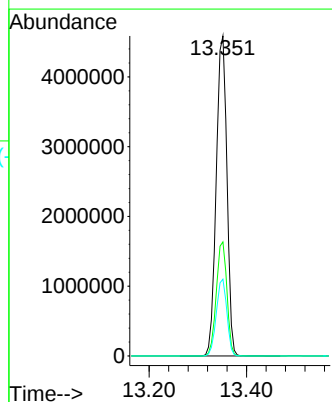
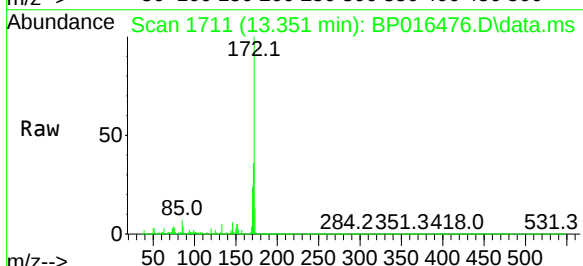
Tgt Ion:172 Resp: 6966904

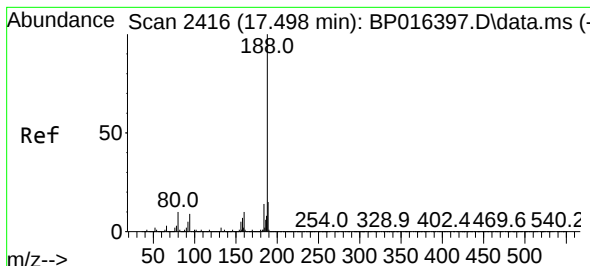
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BP016476.D

Acq: 02 Aug 2023 19:19

Instrument :

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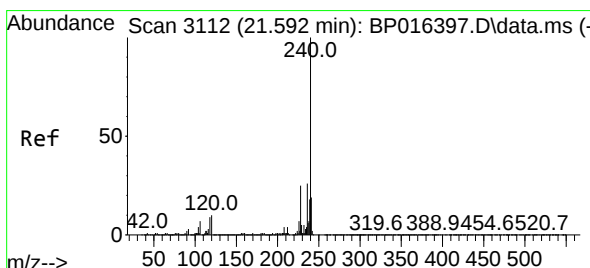
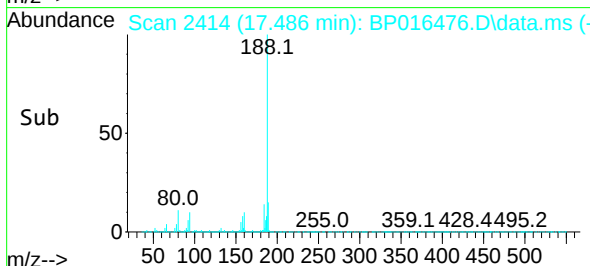
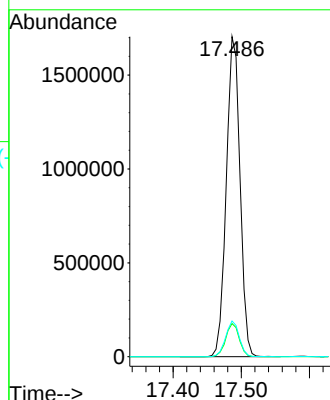
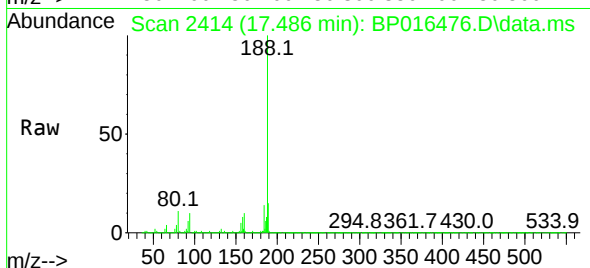
Tgt Ion:188 Resp: 2384686

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.0

80 11.1 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: BP016476.D

Acq: 02 Aug 2023 19:19

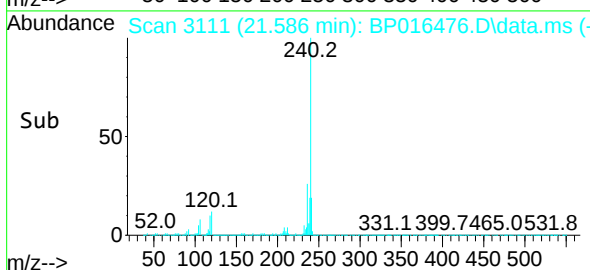
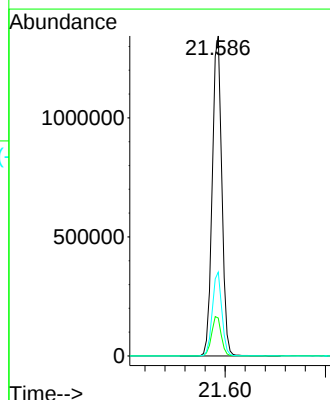
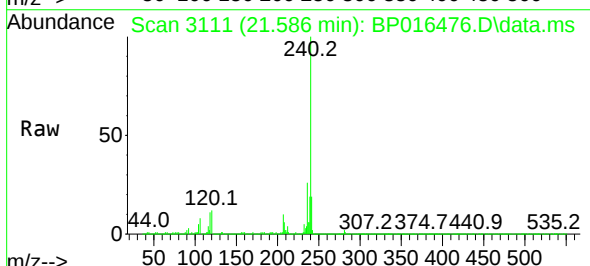
Tgt Ion:240 Resp: 1776456

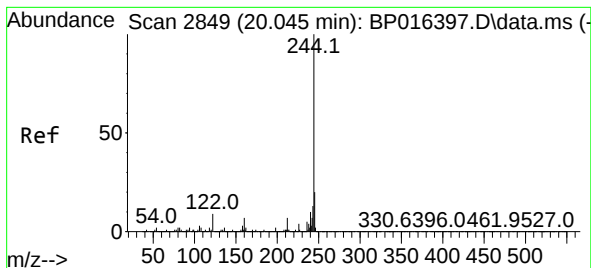
Ion Ratio Lower Upper

240 100

120 11.9 7.9 11.9

236 26.2 21.1 31.7





#79

Terphenyl-d14

Concen: 107.085 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016476.D

Acq: 02 Aug 2023 19:19

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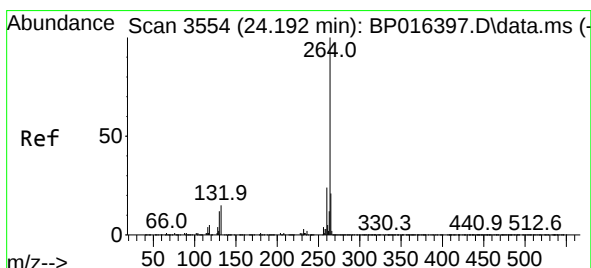
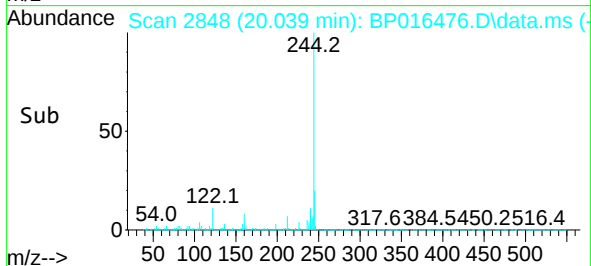
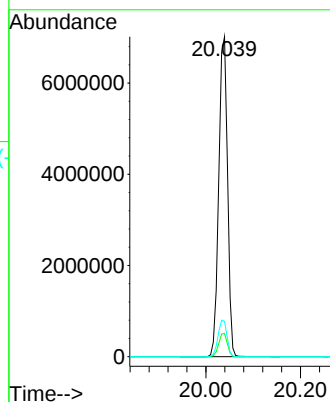
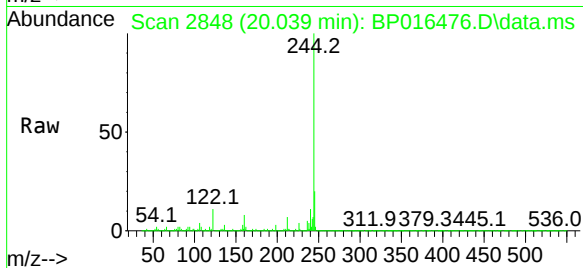
Tgt Ion:244 Resp: 9005385

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.0 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: BP016476.D

Acq: 02 Aug 2023 19:19

Tgt Ion:264 Resp: 1676369

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.7 17.4 26.0

