

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019478.D
 Acq On : 29 Jan 2024 22:09
 Operator : MA/JU
 Sample : 01241-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-05-12424

Quant Time: Jan 30 01:24:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 00:59:08 2024
 Response via : Initial Calibration

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

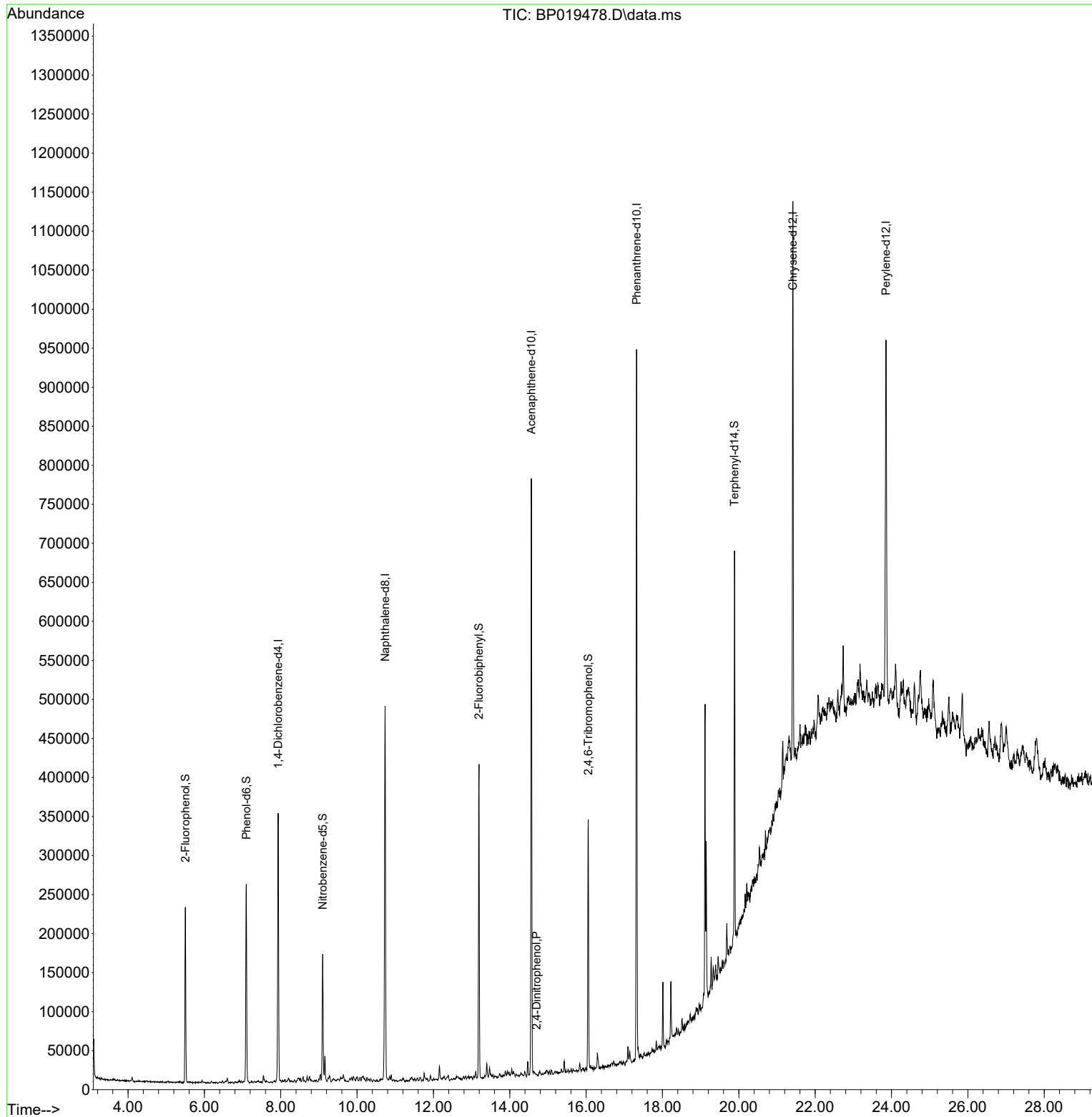
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	84052	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	361668	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	250904	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	531633	20.000	ng	0.00
76) Chrysene-d12	21.416	240	335901	20.000	ng	0.00
86) Perylene-d12	23.857	264	370617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	85740	16.232	ng	0.00
7) Phenol-d6	7.099	99	124812	16.185	ng	0.00
23) Nitrobenzene-d5	9.099	82	90921	10.344	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	51945	15.111	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	195127	10.013	ng	0.00
79) Terphenyl-d14	19.886	244	224610	9.527	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.069	77	344	Below Cal	#	42
54) 2,4-Dinitrophenol	14.704	184	21	3.961 ng	#	1
77) Benzidine	19.516	184	356	Below Cal	#	1

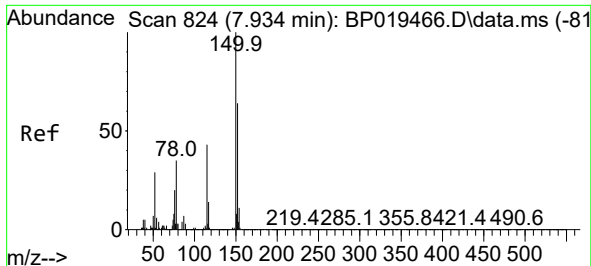
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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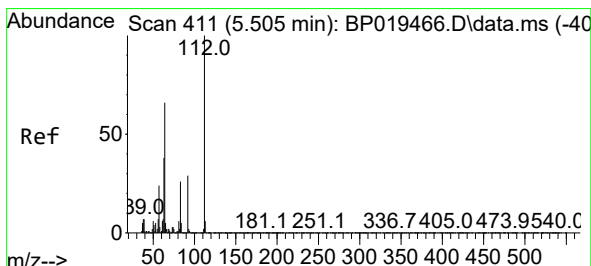
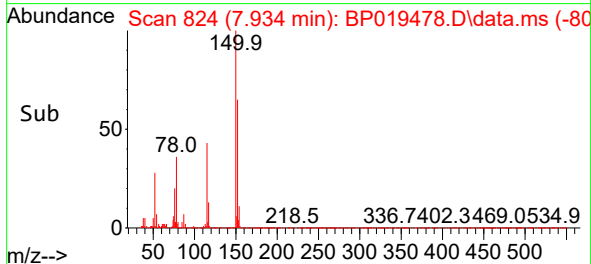
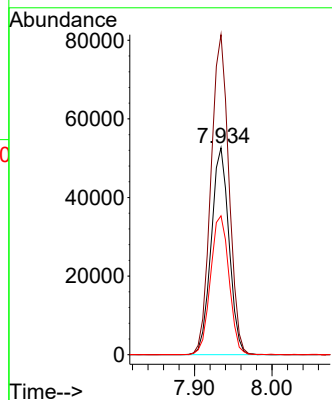
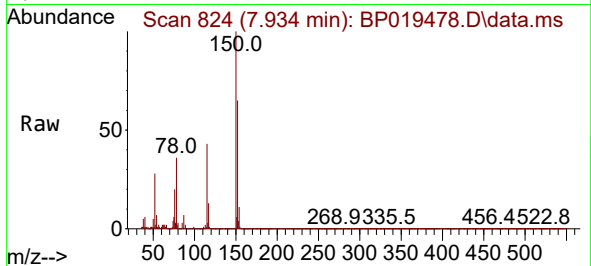




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP019478.D
Acq: 29 Jan 2024 22:09

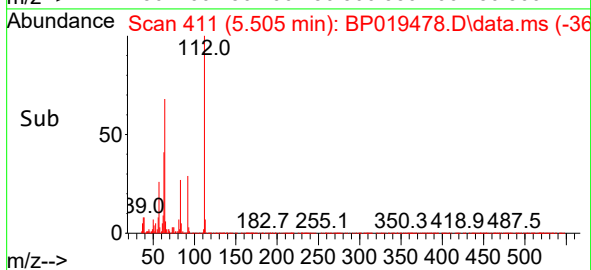
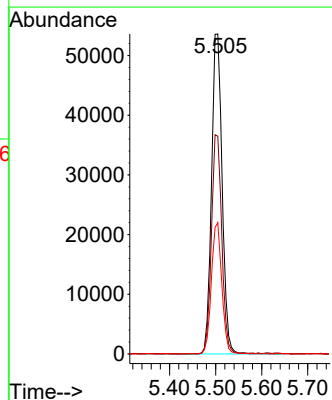
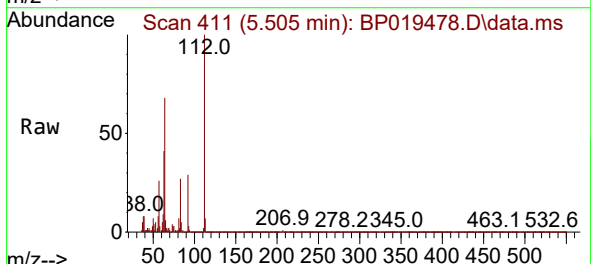
Instrument :
BNA_P
ClientSampleId :
AU-05-12424

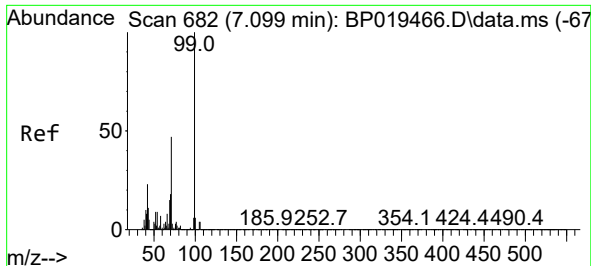
Tgt Ion:152 Resp: 84052
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.2
115 67.1 53.7 80.5



#5
2-Fluorophenol
Concen: 16.232 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019478.D
Acq: 29 Jan 2024 22:09

Tgt Ion:112 Resp: 85740
Ion Ratio Lower Upper
112 100
64 68.0 52.6 79.0
63 41.1 30.3 45.5

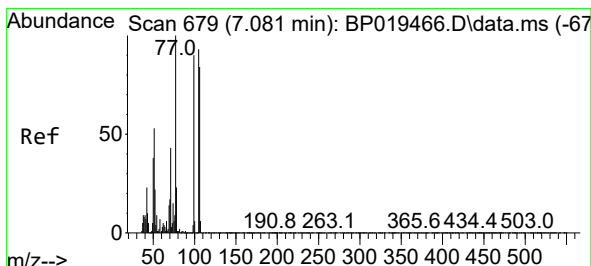
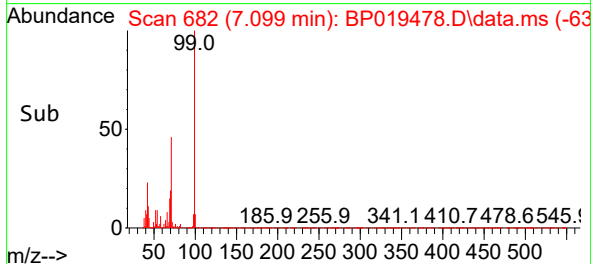
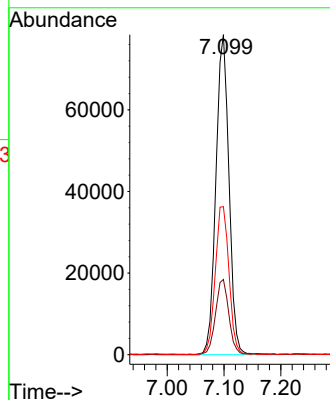
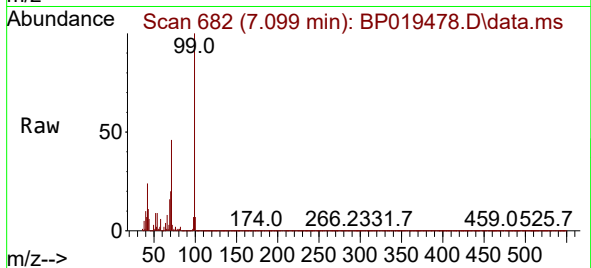




#7
Phenol-d6
Concen: 16.185 ng
RT: 7.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019478.D
Acq: 29 Jan 2024 22:09

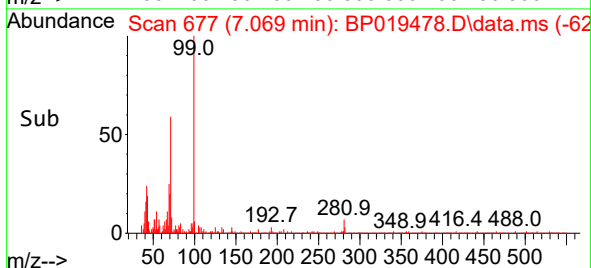
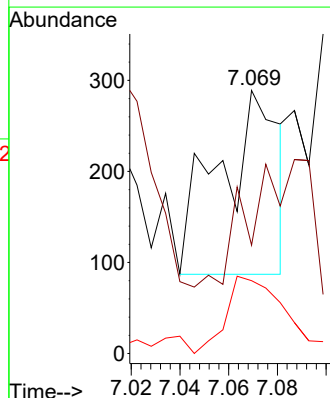
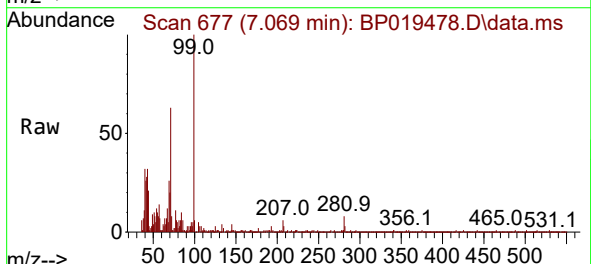
Instrument :
BNA_P
ClientSampleId :
AU-05-12424

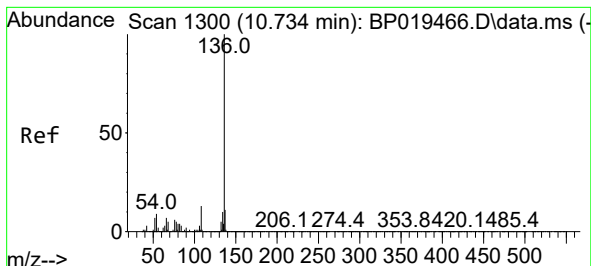
Tgt Ion:	99	Resp:	124812
Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.6	28.0
71	46.2	37.8	56.6



#9
Benzaldehyde
Concen: Below Cal
RT: 7.069 min Scan# 677
Delta R.T. -0.012 min
Lab File: BP019478.D
Acq: 29 Jan 2024 22:09

Tgt Ion:	77	Resp:	344
Ion	Ratio	Lower	Upper
77	100		
105	41.2	72.9	112.9#
106	27.7	64.4	104.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.734 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

Instrument :

BNA_P

ClientSampleId :

AU-05-12424

Tgt Ion:136 Resp: 361668

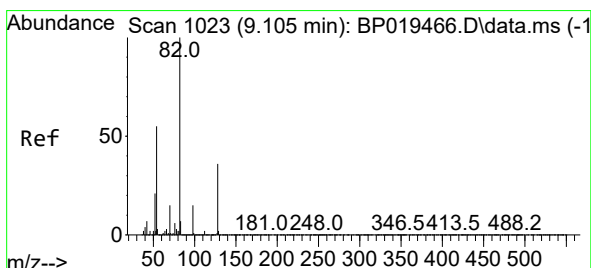
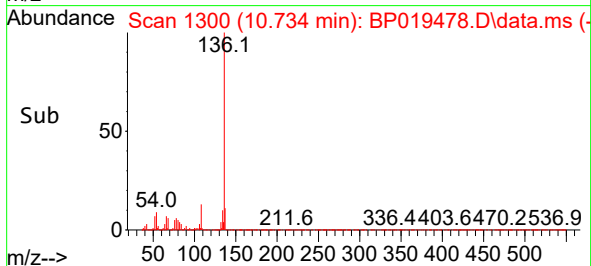
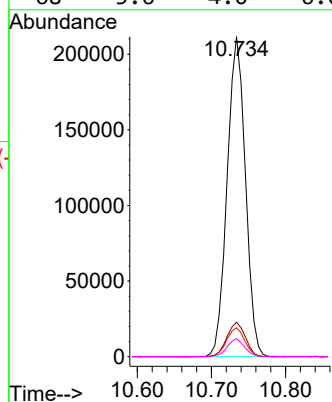
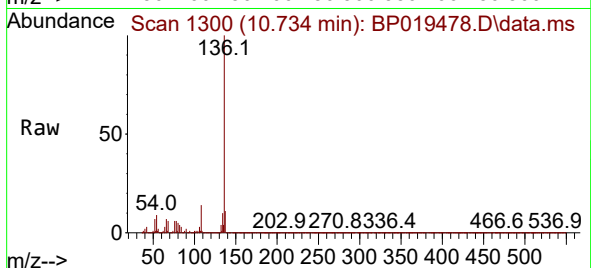
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 9.0 7.4 11.0

68 5.6 4.0 6.0



#23

Nitrobenzene-d5

Concen: 10.344 ng

RT: 9.099 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

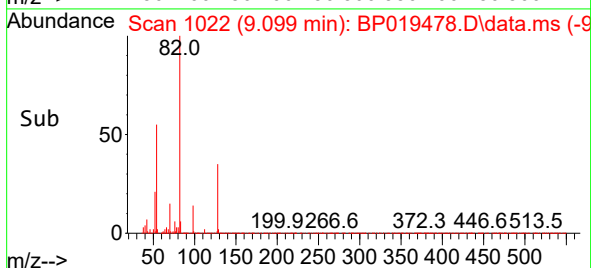
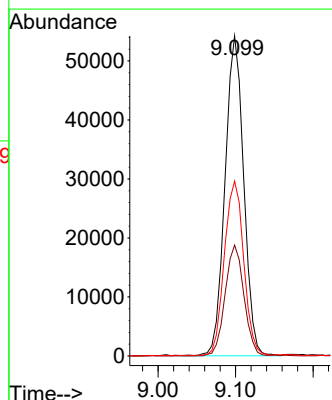
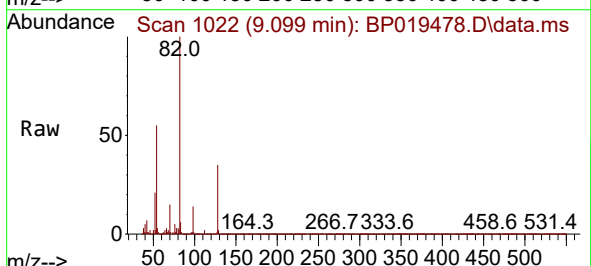
Tgt Ion: 82 Resp: 90921

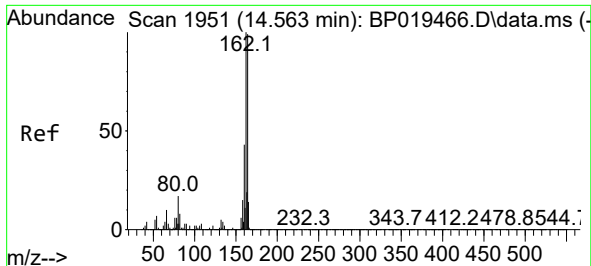
Ion Ratio Lower Upper

82 100

128 34.7 28.9 43.3

54 54.7 44.3 66.5

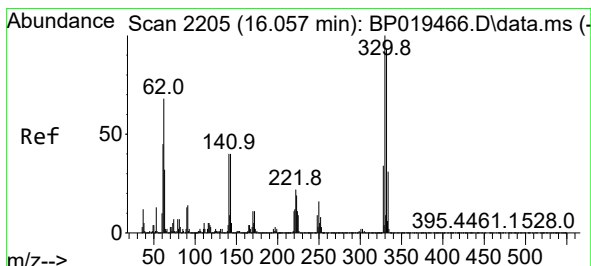
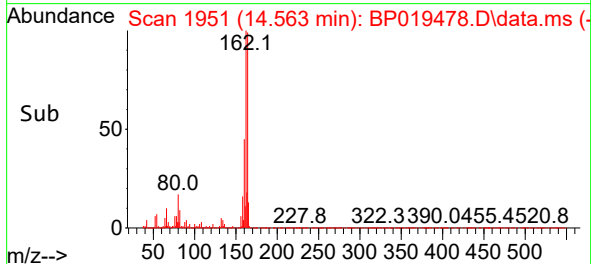
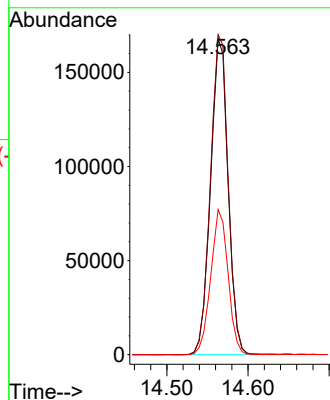
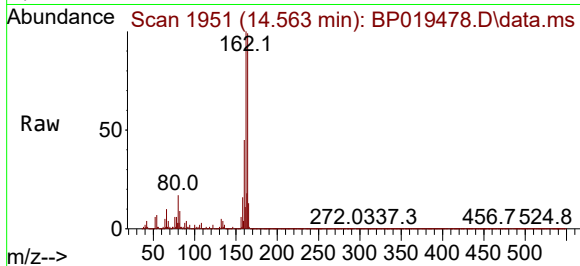




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP019478.D
Acq: 29 Jan 2024 22:09

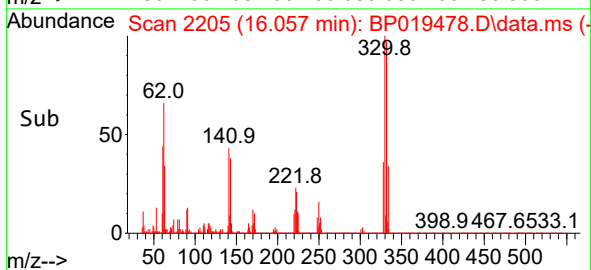
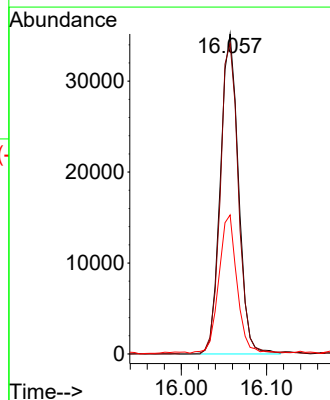
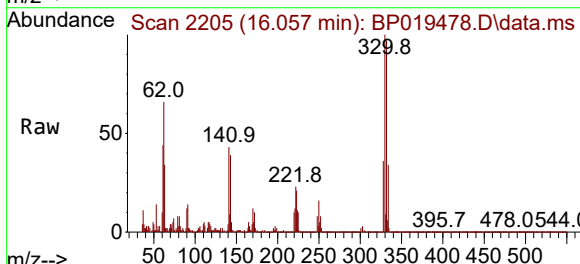
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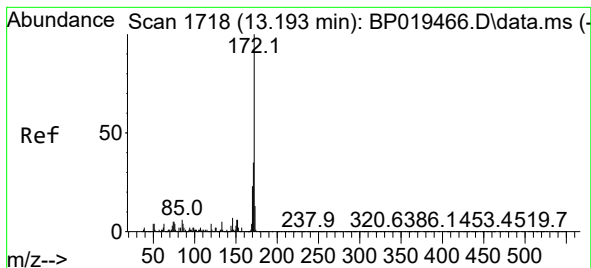
Tgt Ion:164 Resp: 250904
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 45.9 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 15.111 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BP019478.D
Acq: 29 Jan 2024 22:09

Tgt Ion:330 Resp: 51945
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.2
141 43.4 33.3 49.9





#45

2-Fluorobiphenyl

Concen: 10.013 ng

RT: 13.193 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

Instrument :

BNA_P

ClientSampleId :

AU-05-12424

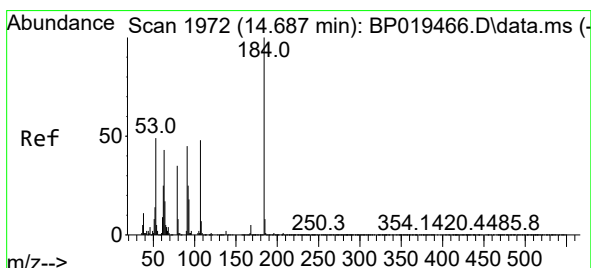
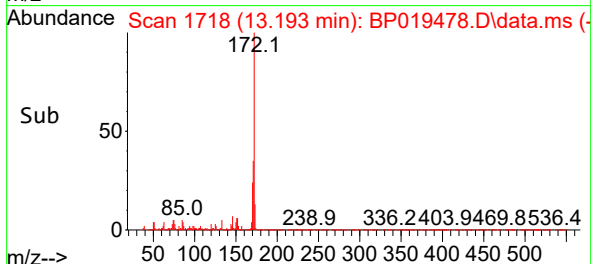
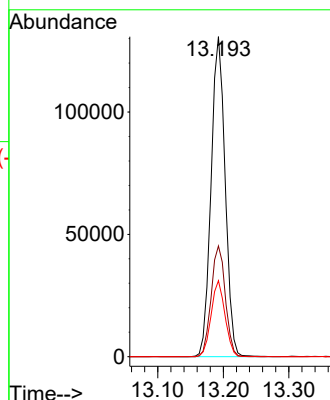
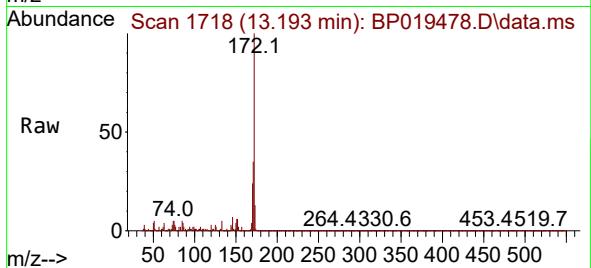
Tgt Ion:172 Resp: 195127

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.8 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 3.961 ng

RT: 14.704 min Scan# 1975

Delta R.T. 0.017 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

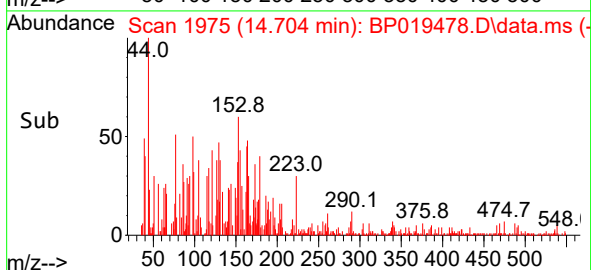
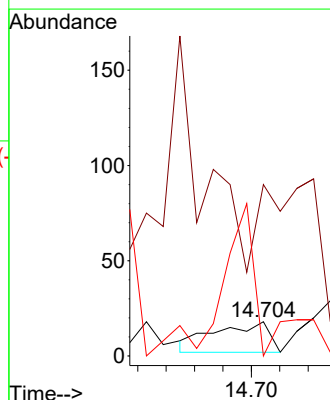
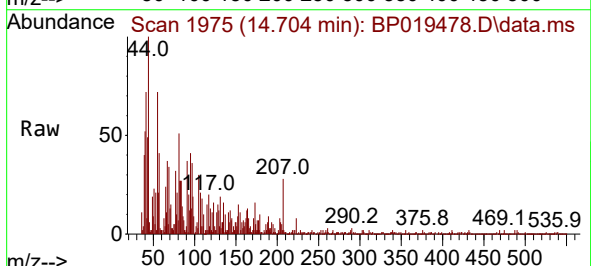
Tgt Ion:184 Resp: 21

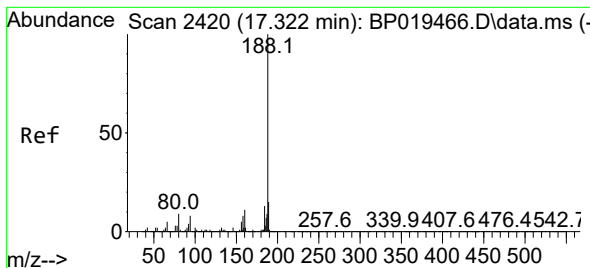
Ion Ratio Lower Upper

184 100

63 500.0 56.8 85.2#

154 0.0 59.3 88.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

Instrument :

BNA_P

ClientSampleId :

AU-05-12424

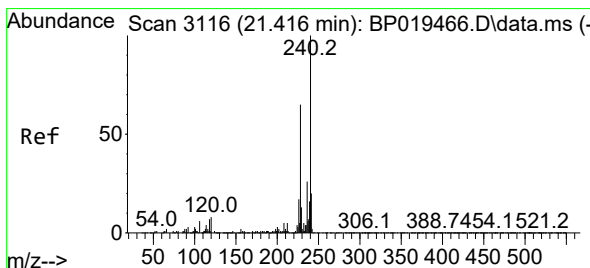
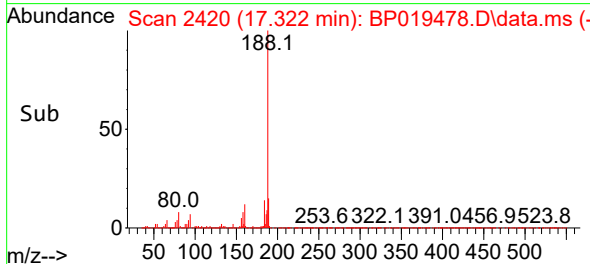
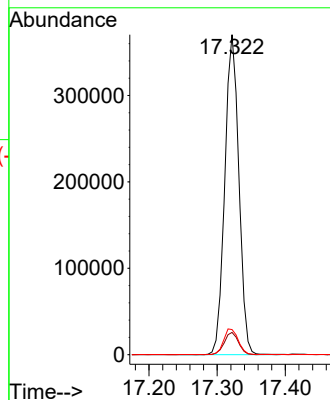
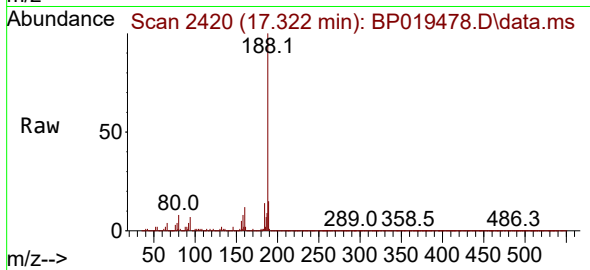
Tgt Ion:188 Resp: 531633

Ion Ratio Lower Upper

188 100

94 6.9 6.1 9.1

80 7.8 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

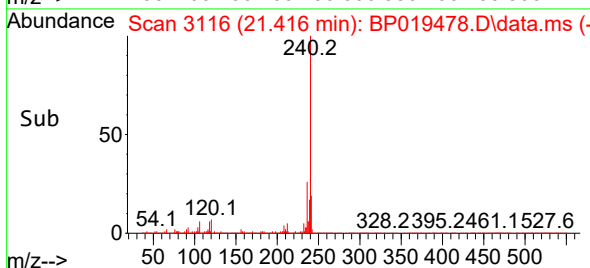
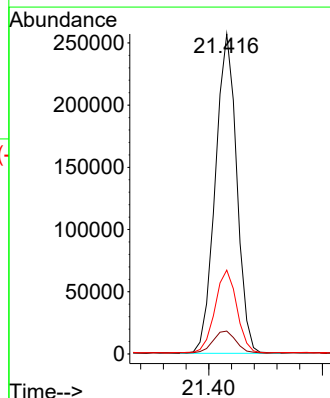
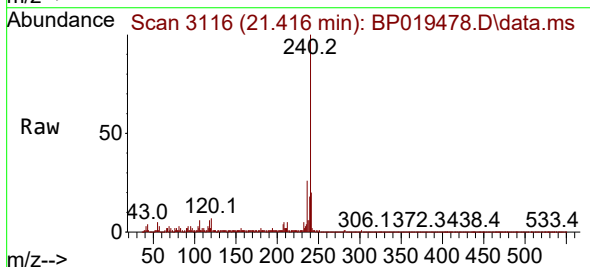
Tgt Ion:240 Resp: 335901

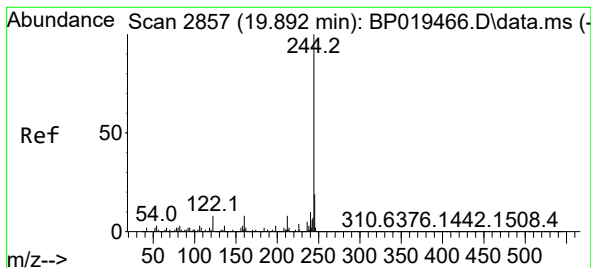
Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 9.527 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

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AU-05-12424

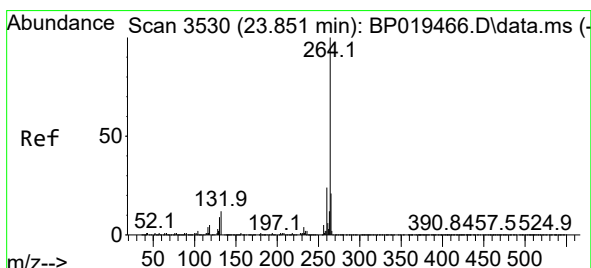
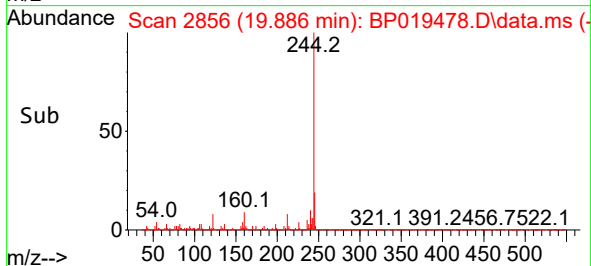
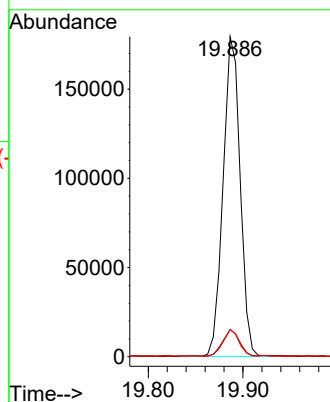
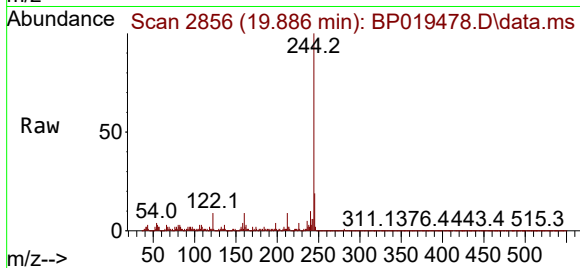
Tgt Ion:244 Resp: 224610

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

122 8.5 6.5 9.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3531

Delta R.T. 0.006 min

Lab File: BP019478.D

Acq: 29 Jan 2024 22:09

Tgt Ion:264 Resp: 370617

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.9 16.6 25.0

