

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019769.D
 Acq On : 19 Feb 2024 18:36
 Operator : MA/JU
 Sample : P1505-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1D

Quant Time: Feb 19 23:37:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

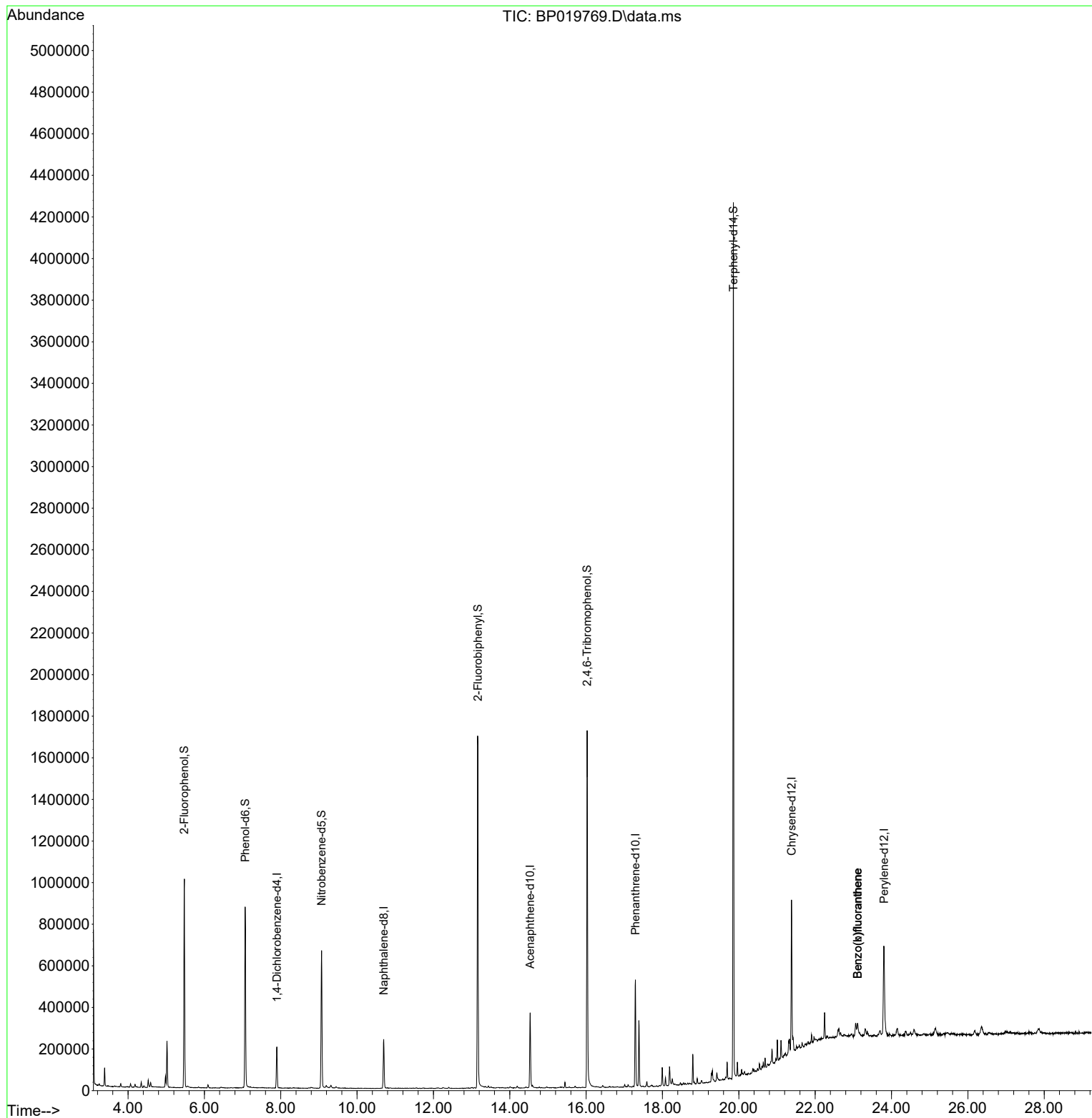
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	52167	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	193191	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	134083	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	339988	20.000	ng	0.00
76) Chrysene-d12	21.380	240	374409	20.000	ng	-0.01
86) Perylene-d12	23.804	264	401376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	415185	128.289	ng	0.00
7) Phenol-d6	7.069	99	481850	110.421	ng	0.00
23) Nitrobenzene-d5	9.069	82	401256	89.999	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	379816	194.011	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	947938	87.399	ng	0.00
79) Terphenyl-d14	19.857	244	2048833	89.992	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	23.110	252	58752	2.323	ng	98
89) Benzo(k)fluoranthene	23.110	252	58752	2.431	ng	98

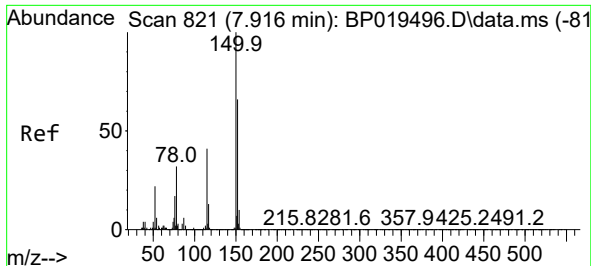
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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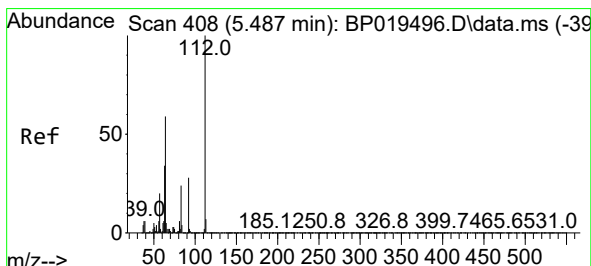
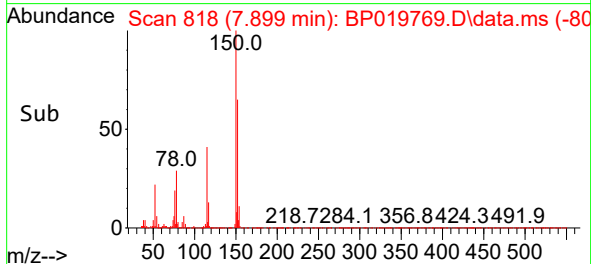
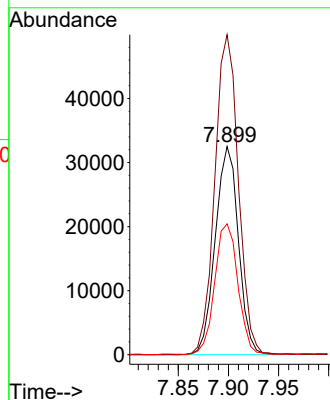
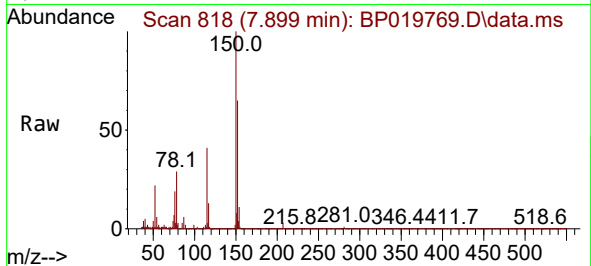




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019769.D
Acq: 19 Feb 2024 18:36

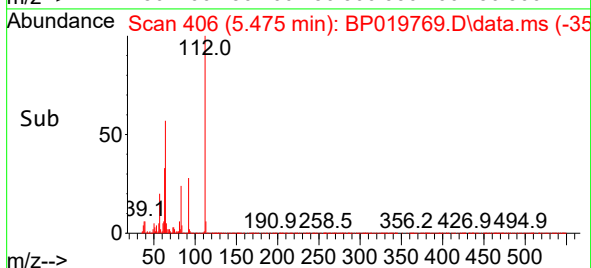
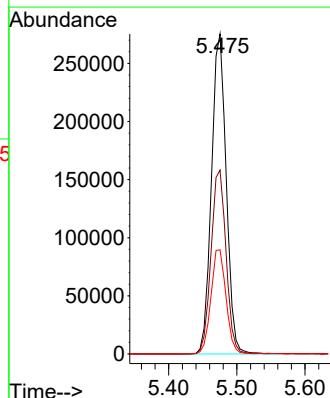
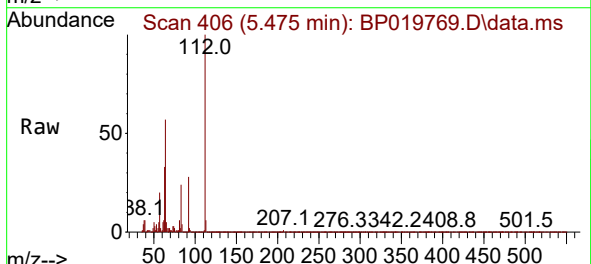
Instrument :
BNA_P
ClientSampleId :
WC-1D

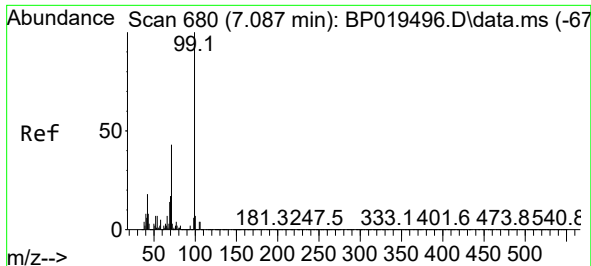
Tgt Ion:152 Resp: 52167
Ion Ratio Lower Upper
152 100
150 153.7 121.8 182.8
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 128.289 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP019769.D
Acq: 19 Feb 2024 18:36

Tgt Ion:112 Resp: 415185
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.0
63 32.6 27.0 40.6

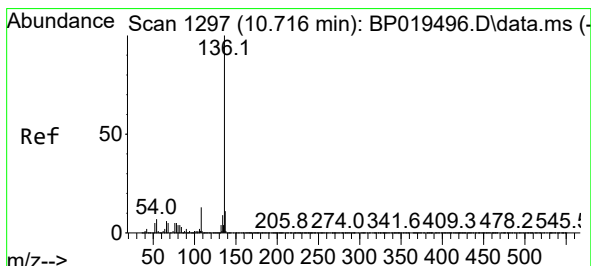
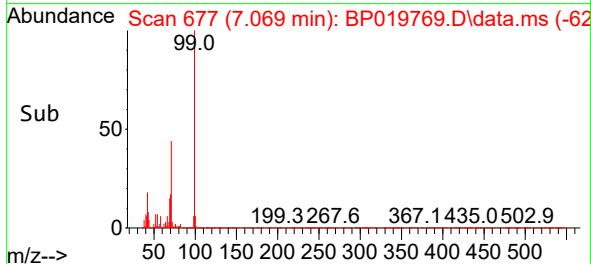
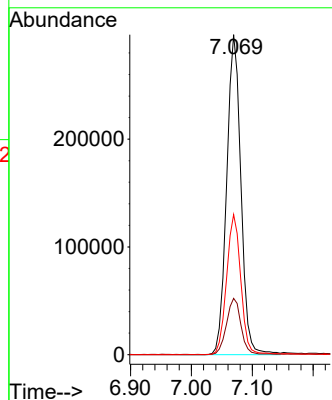
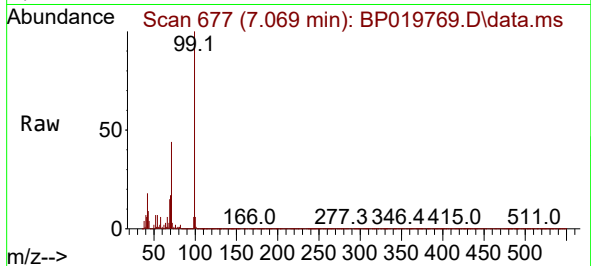




#7
Phenol-d6
Concen: 110.421 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019769.D
Acq: 19 Feb 2024 18:36

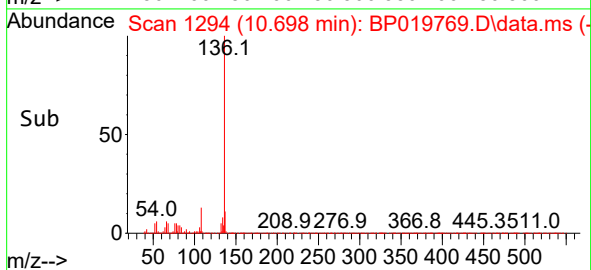
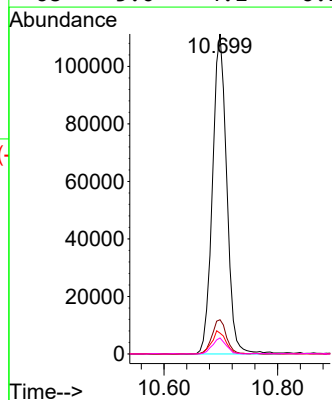
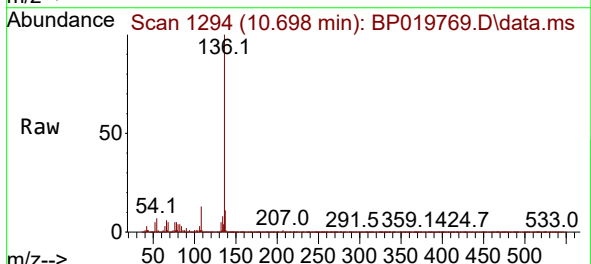
Instrument :
BNA_P
ClientSampleId :
WC-1D

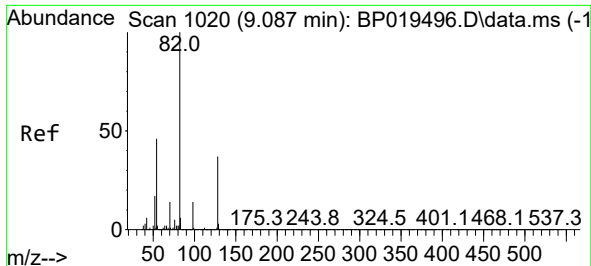
Tgt Ion: 99 Resp: 481850
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.8 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP019769.D
Acq: 19 Feb 2024 18:36

Tgt Ion: 136 Resp: 193191
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.3 7.9
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 89.999 ng

RT: 9.069 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

WC-1D

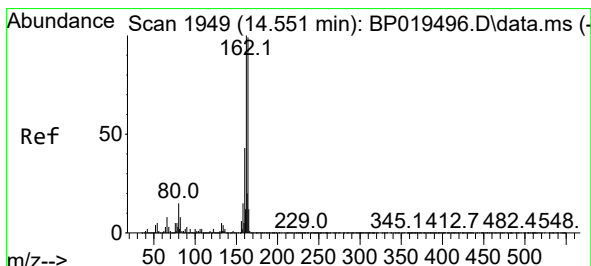
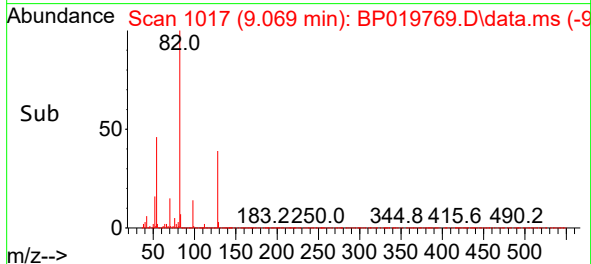
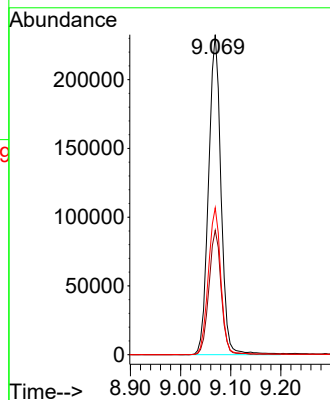
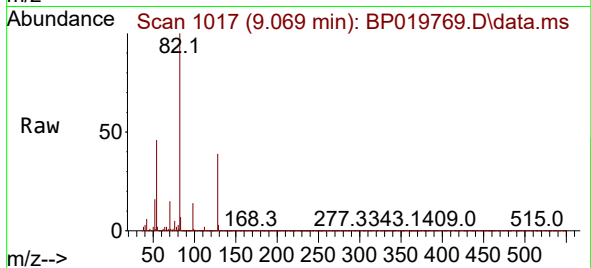
Tgt Ion: 82 Resp: 401256

Ion Ratio Lower Upper

82 100

128 38.8 29.7 44.5

54 45.9 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

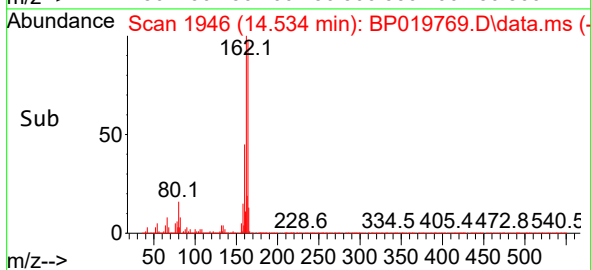
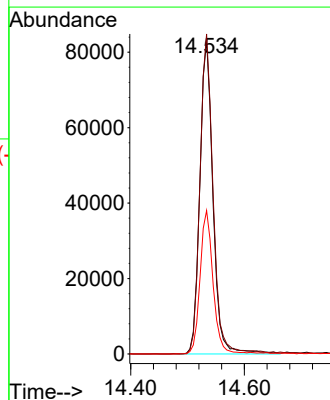
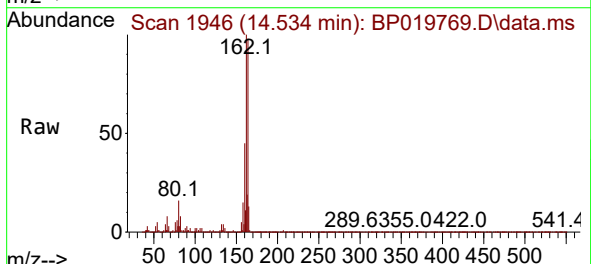
Tgt Ion:164 Resp: 134083

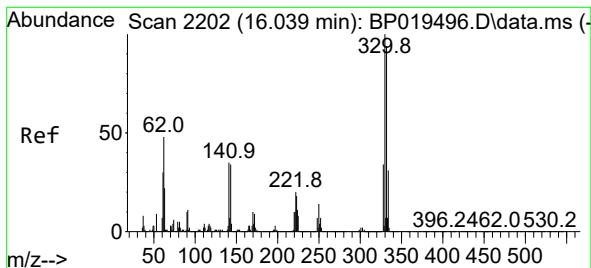
Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

160 45.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 194.011 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

WC-1D

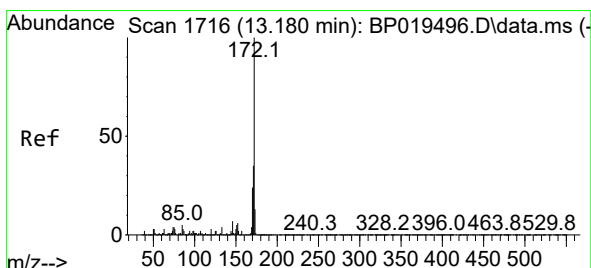
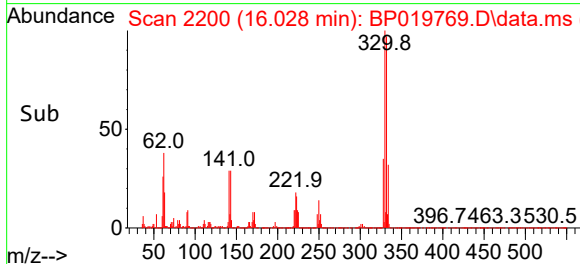
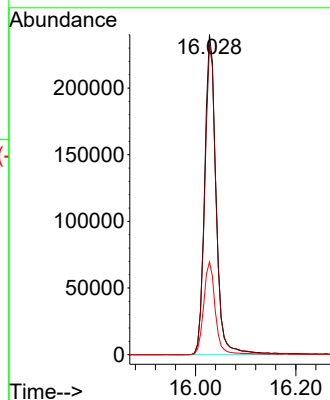
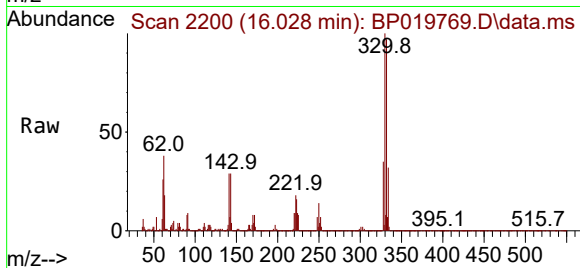
Tgt Ion:330 Resp: 379816

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

141 29.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 87.399 ng

RT: 13.163 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

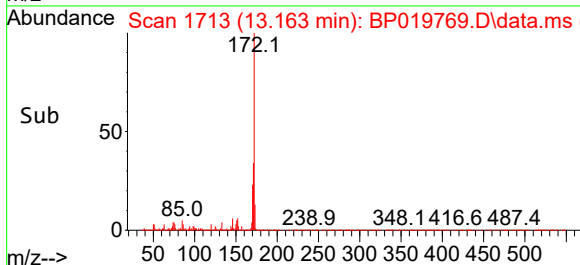
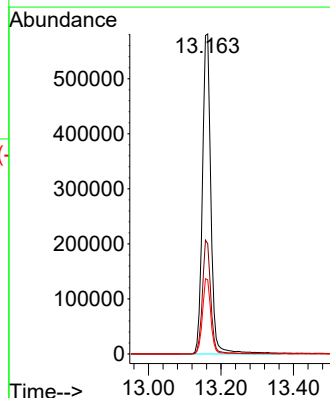
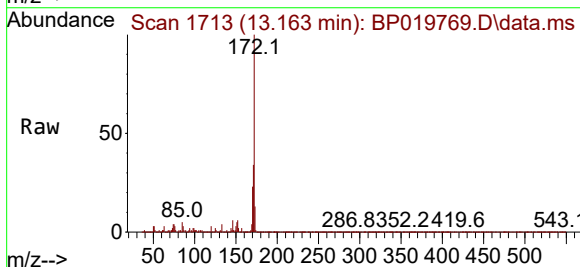
Tgt Ion:172 Resp: 947938

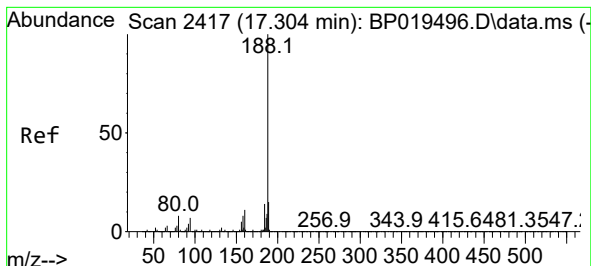
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.4

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

WC-1D

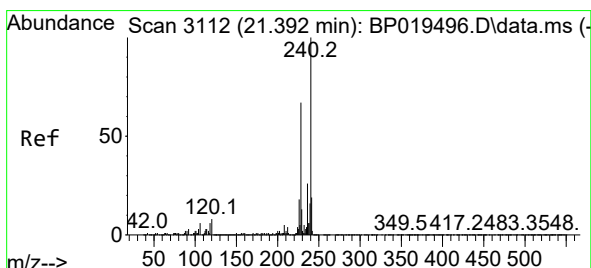
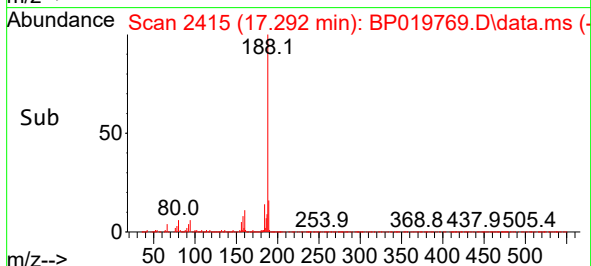
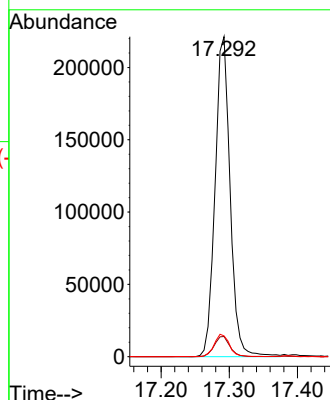
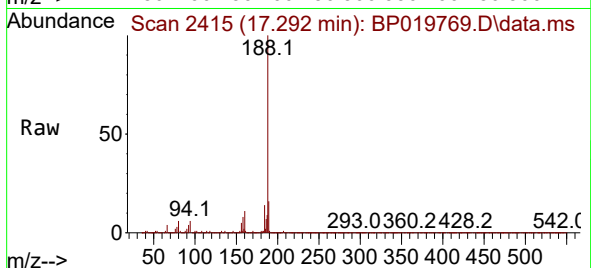
Tgt Ion:188 Resp: 339988

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 6.5 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

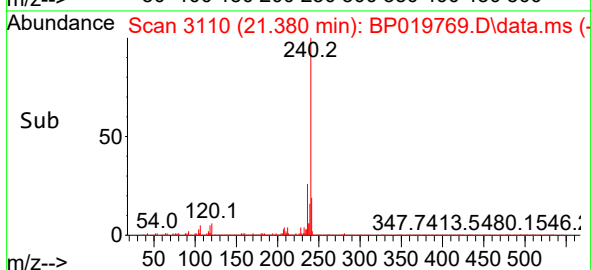
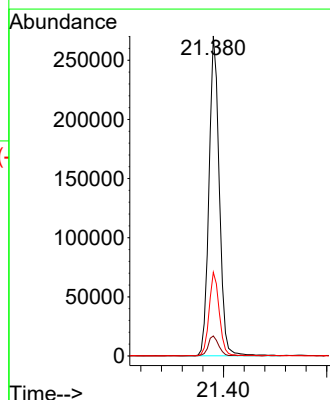
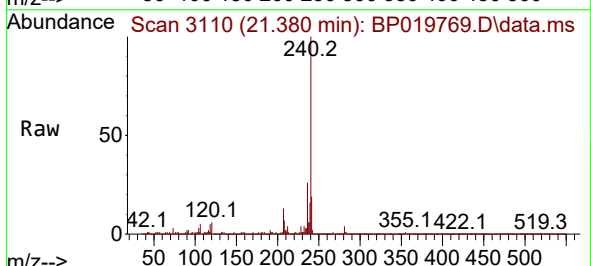
Tgt Ion:240 Resp: 374409

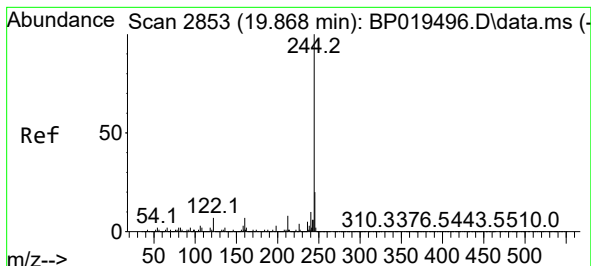
Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 89.992 ng

RT: 19.857 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

WC-1D

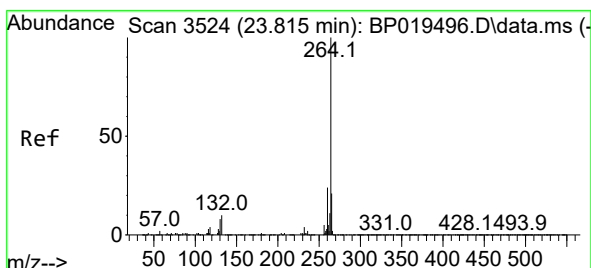
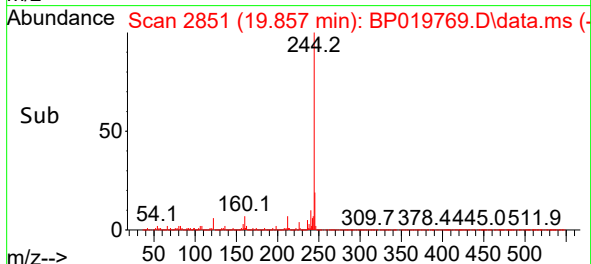
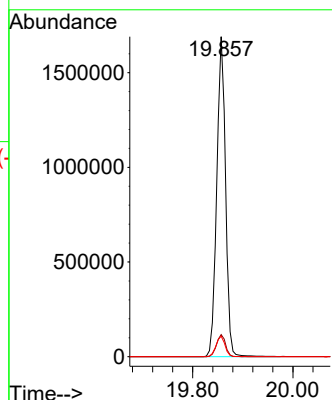
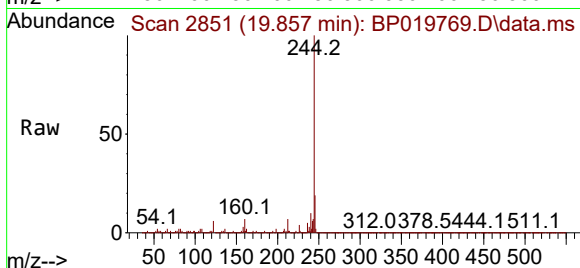
Tgt Ion:244 Resp: 2048833

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 6.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP019769.D

Acq: 19 Feb 2024 18:36

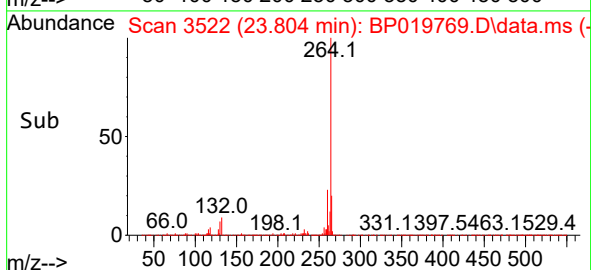
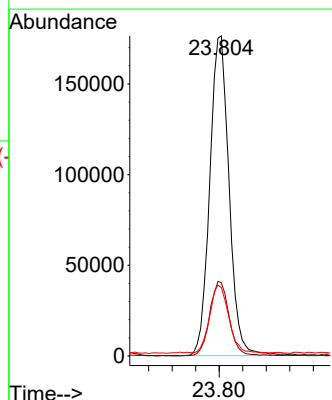
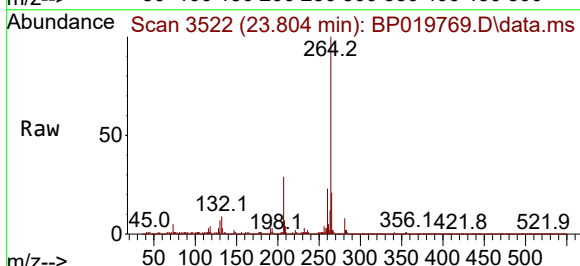
Tgt Ion:264 Resp: 401376

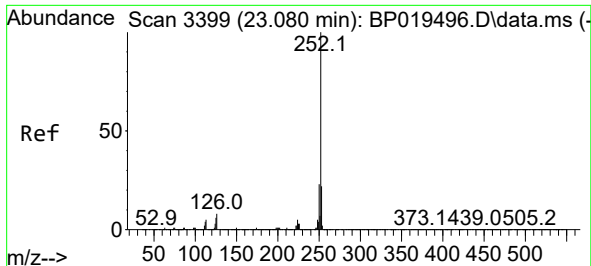
Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.4 17.0 25.4

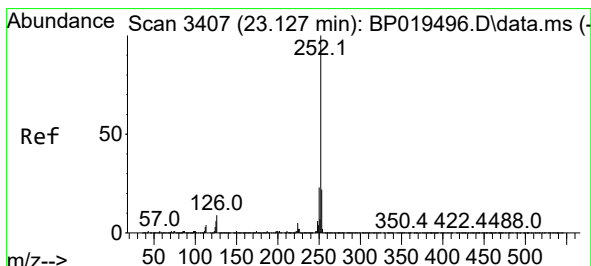
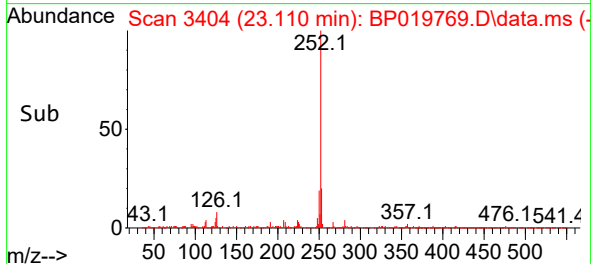
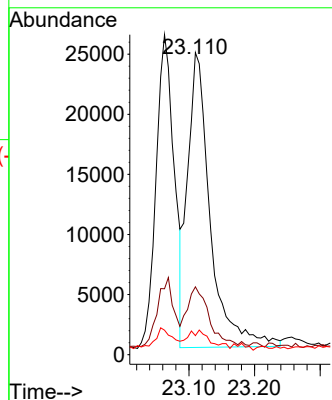
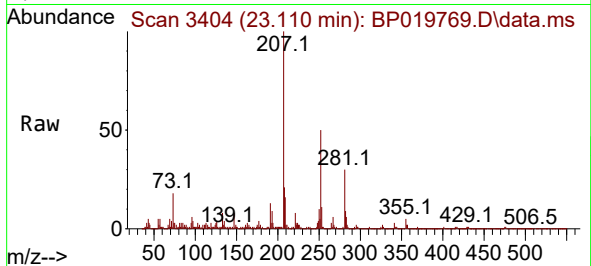




#88
Benzo(b)fluoranthene
Concen: 2.323 ng
RT: 23.110 min Scan# 3404
Delta R.T. 0.035 min
Lab File: BP019769.D
Acq: 19 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
WC-1D

Tgt Ion:252 Resp: 58752
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 6.3 4.9 7.3



#89
Benzo(k)fluoranthene
Concen: 2.431 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.012 min
Lab File: BP019769.D
Acq: 19 Feb 2024 18:36

Tgt Ion:252 Resp: 58752
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 6.3 5.0 7.6

