

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019783.D
 Acq On : 20 Feb 2024 13:39
 Operator : MA/JU
 Sample : P1505-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-2S

Quant Time: Feb 20 14:19:03 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	60987	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	223347	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	153397	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	392865	20.000	ng	0.00
76) Chrysene-d12	21.386	240	426385	20.000	ng	0.00
86) Perylene-d12	23.810	264	465819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	375118	99.146	ng	0.00
7) Phenol-d6	7.069	99	434738	85.217	ng	0.00
23) Nitrobenzene-d5	9.069	82	380494	73.819	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	402378	179.657	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	907980	73.174	ng	0.00
79) Terphenyl-d14	19.857	244	2512282	96.897	ng	0.00

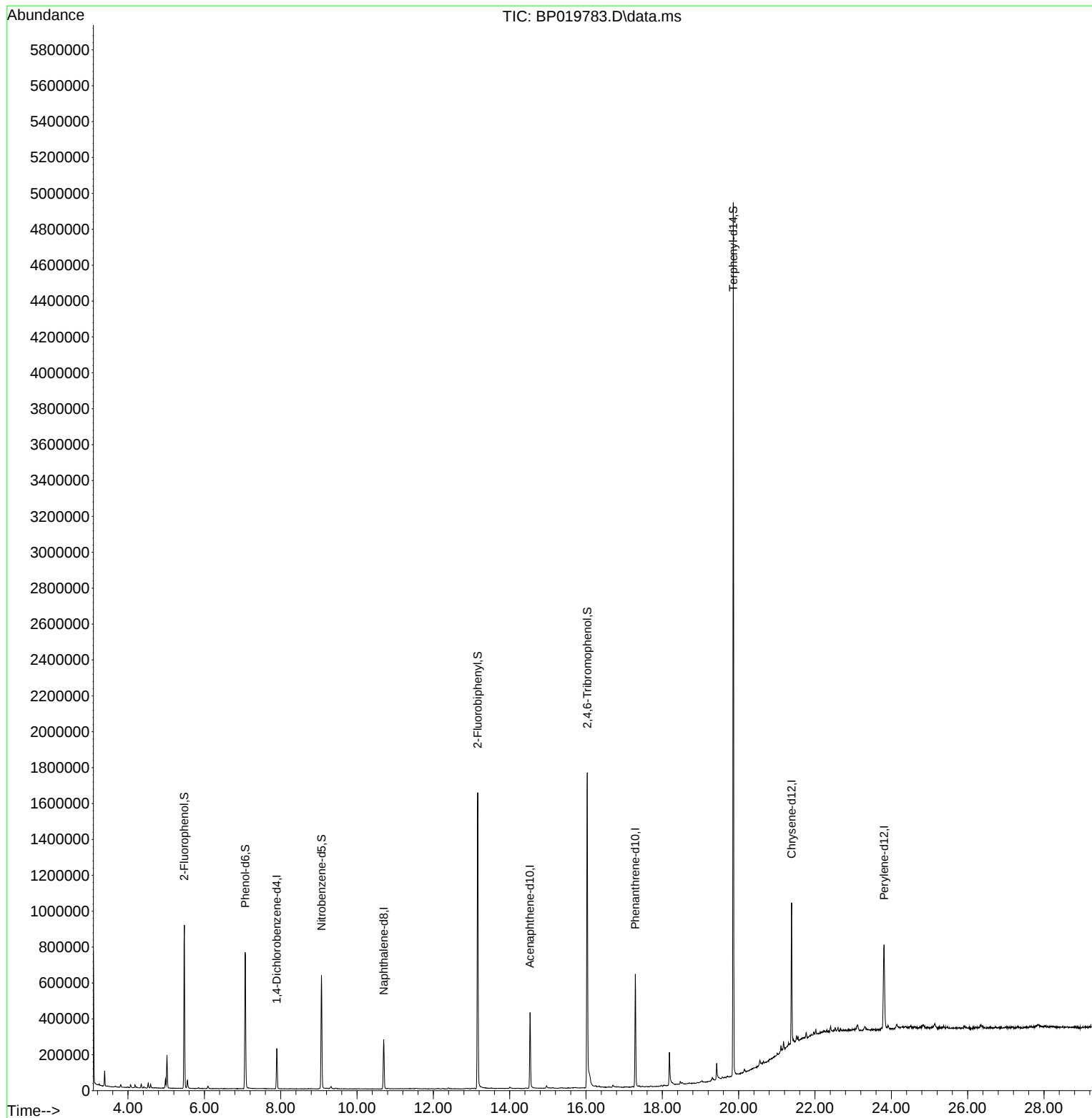
Target Compounds	Qvalue

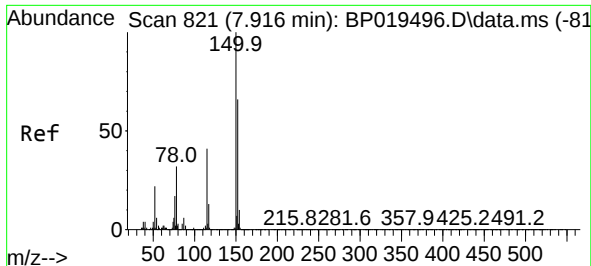
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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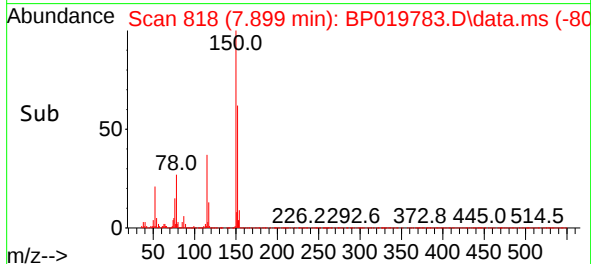
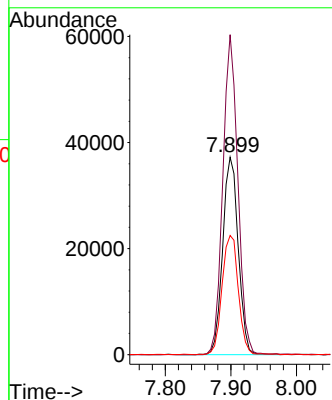
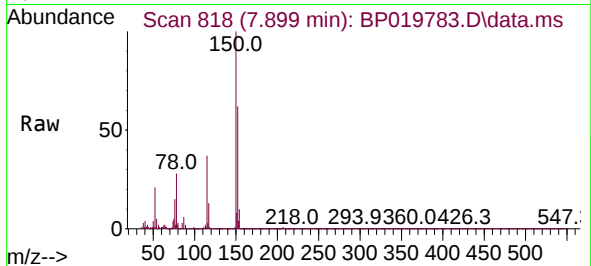




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019783.D
Acq: 20 Feb 2024 13:39

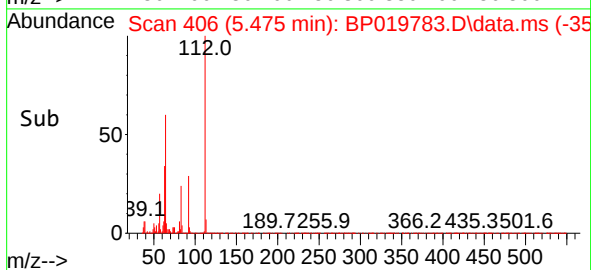
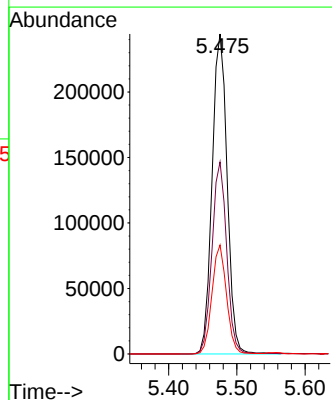
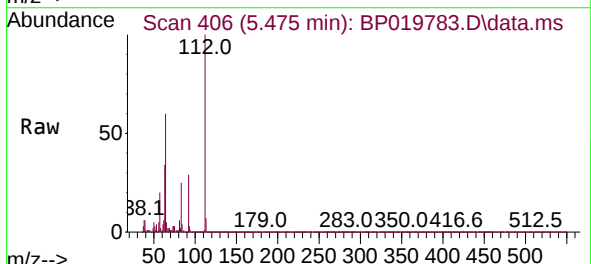
Instrument :
BNA_P
ClientSampleId :
WC-2S

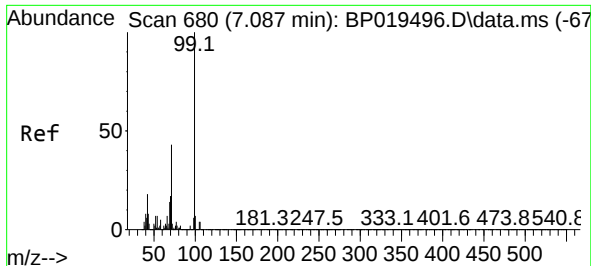
Tgt Ion:152 Resp: 60987
Ion Ratio Lower Upper
152 100
150 162.1 121.8 182.8
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 99.146 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP019783.D
Acq: 20 Feb 2024 13:39

Tgt Ion:112 Resp: 375118
Ion Ratio Lower Upper
112 100
64 60.0 47.4 71.0
63 34.1 27.0 40.6

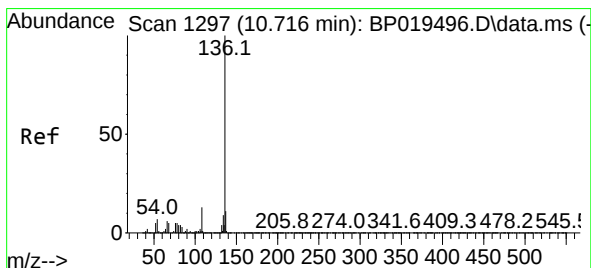
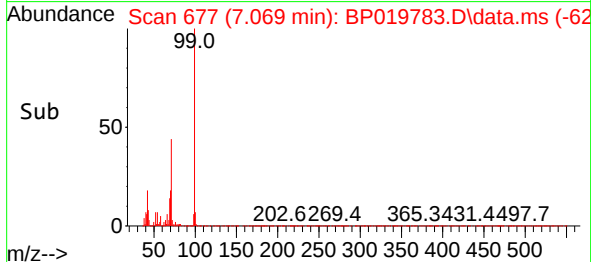
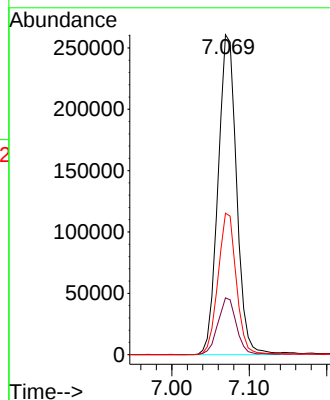
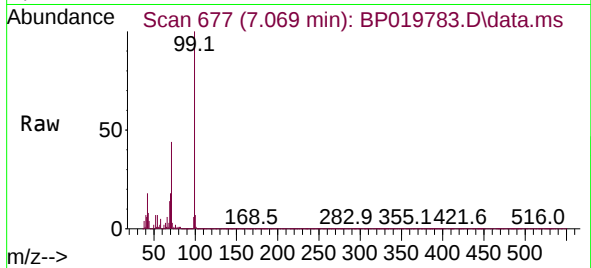




#7
Phenol-d6
Concen: 85.217 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019783.D
Acq: 20 Feb 2024 13:39

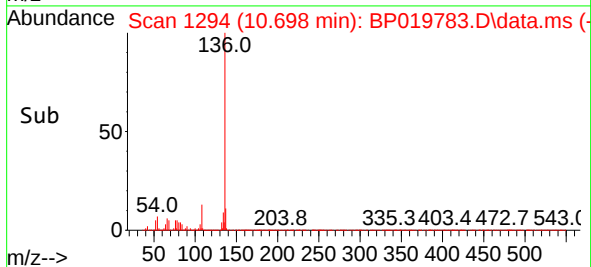
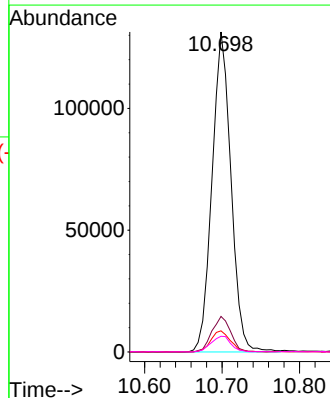
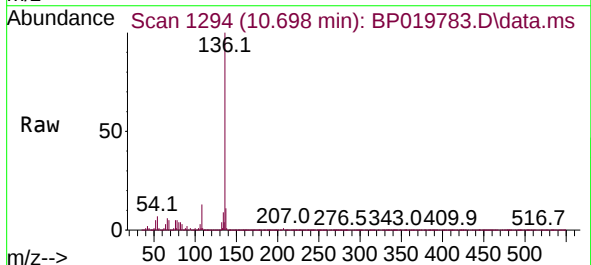
Instrument :
BNA_P
ClientSampleId :
WC-2S

Tgt Ion: 99 Resp: 434738
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 44.2 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: BP019783.D
Acq: 20 Feb 2024 13:39

Tgt Ion: 136 Resp: 223347
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.6 5.3 7.9
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 73.819 ng

RT: 9.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BP019783.D

Acq: 20 Feb 2024 13:39

Instrument :

BNA_P

ClientSampleId :

WC-2S

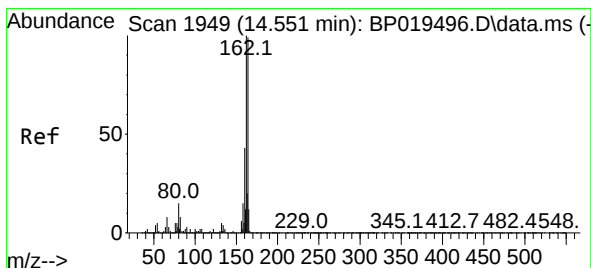
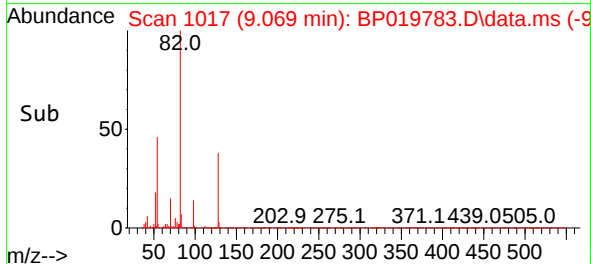
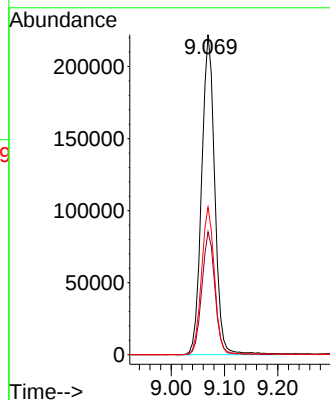
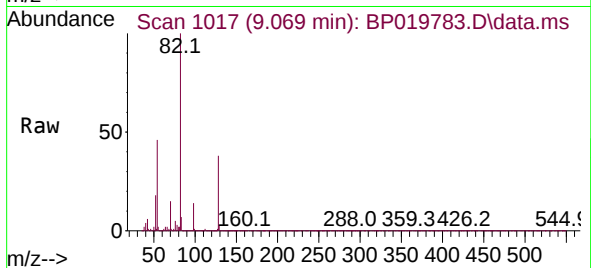
Tgt Ion: 82 Resp: 380494

Ion Ratio Lower Upper

82 100

128 38.4 29.7 44.5

54 46.1 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: BP019783.D

Acq: 20 Feb 2024 13:39

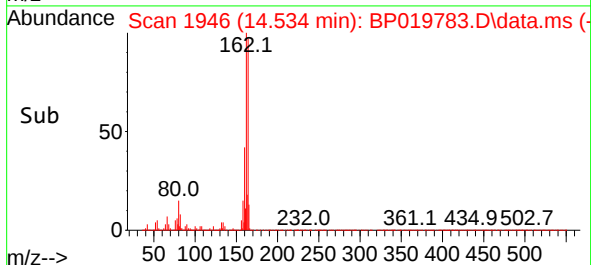
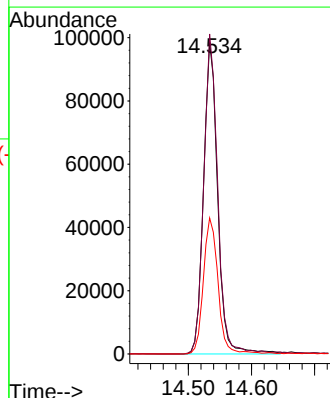
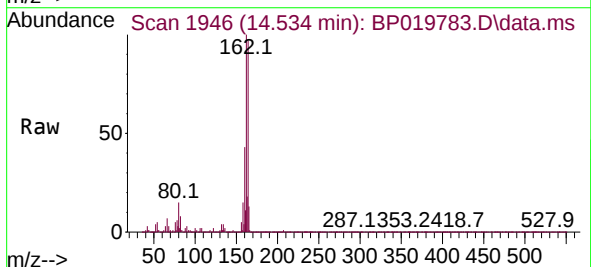
Tgt Ion:164 Resp: 153397

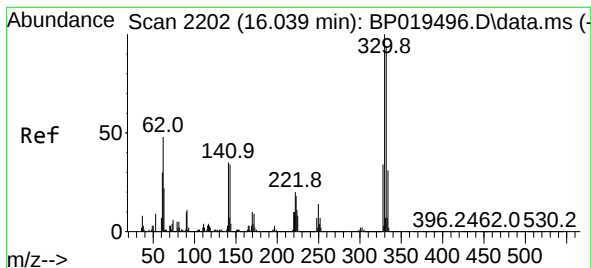
Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

160 43.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 179.657 ng

RT: 16.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019783.D

Acq: 20 Feb 2024 13:39

Instrument :

BNA_P

ClientSampleId :

WC-2S

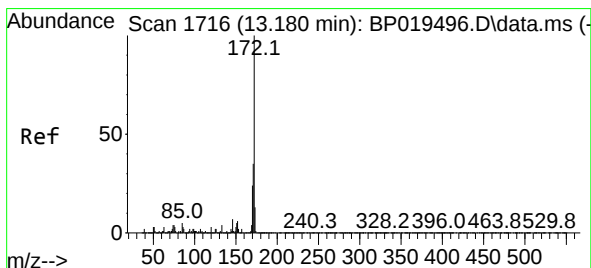
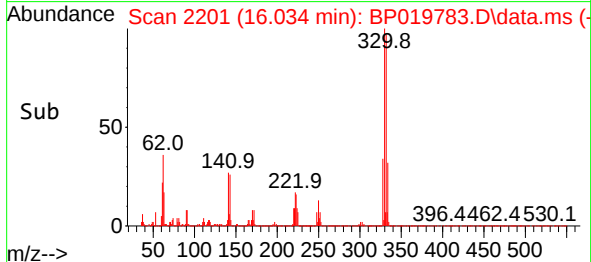
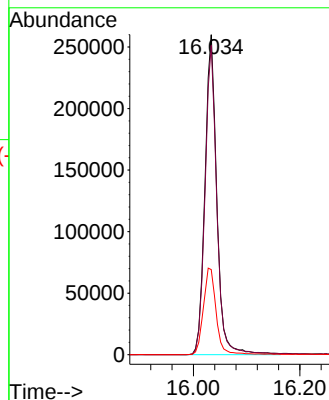
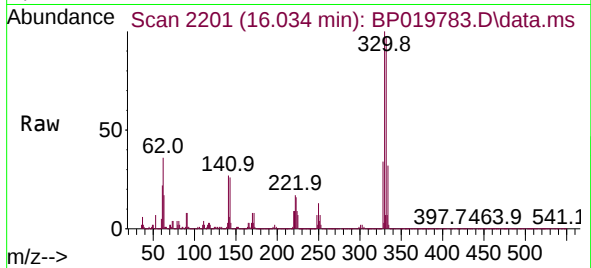
Tgt Ion:330 Resp: 402378

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 29.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 73.174 ng

RT: 13.163 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP019783.D

Acq: 20 Feb 2024 13:39

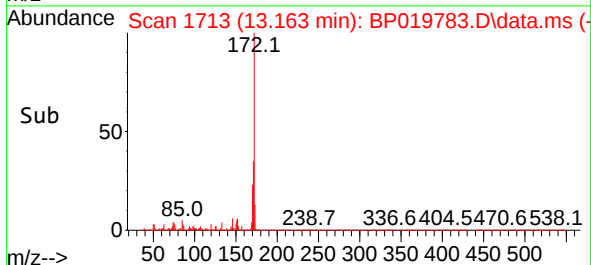
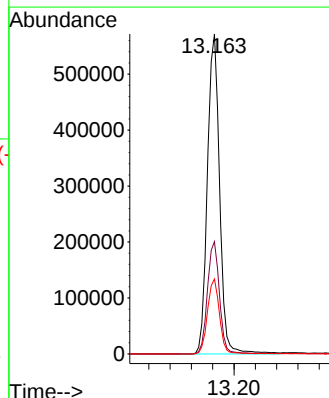
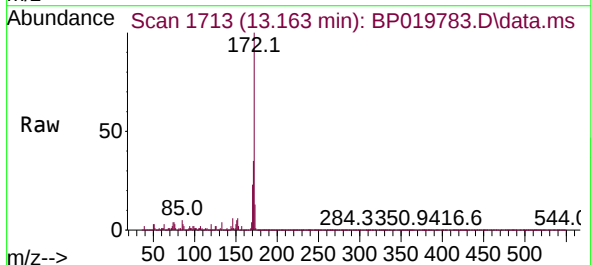
Tgt Ion:172 Resp: 907980

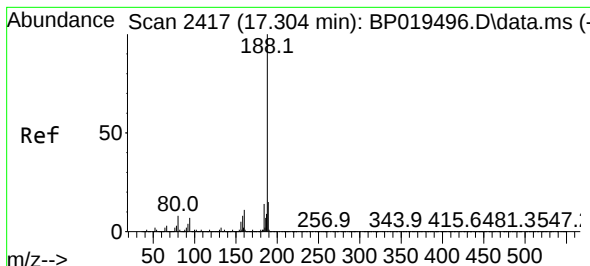
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019783.D

Acq: 20 Feb 2024 13:39

Instrument :

BNA_P

ClientSampleId :

WC-2S

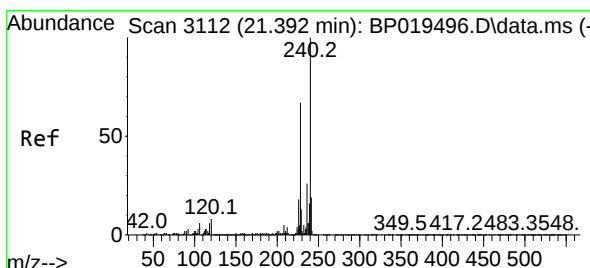
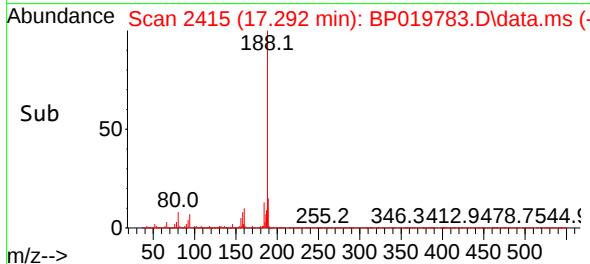
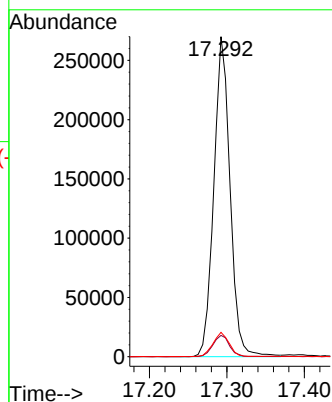
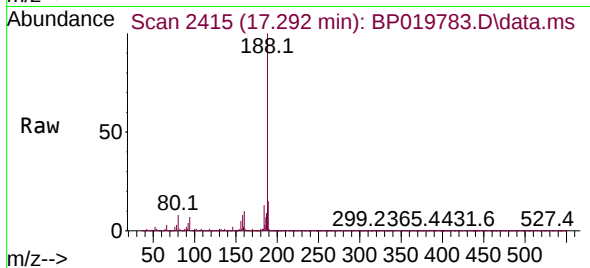
Tgt Ion:188 Resp: 392865

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.6 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019783.D

Acq: 20 Feb 2024 13:39

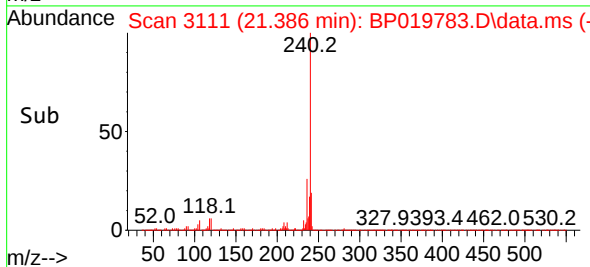
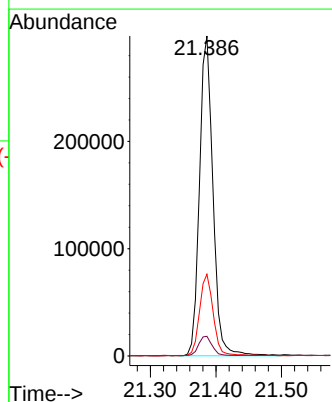
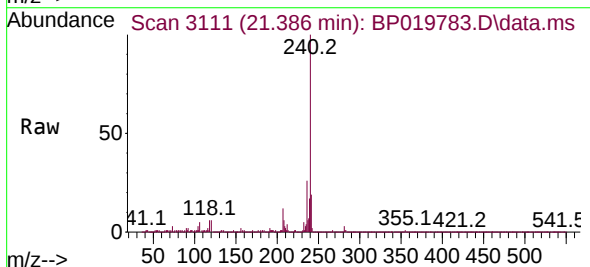
Tgt Ion:240 Resp: 426385

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 96.897 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019783.D

Acq: 20 Feb 2024 13:39

Instrument :

BNA_P

ClientSampleId :

WC-2S

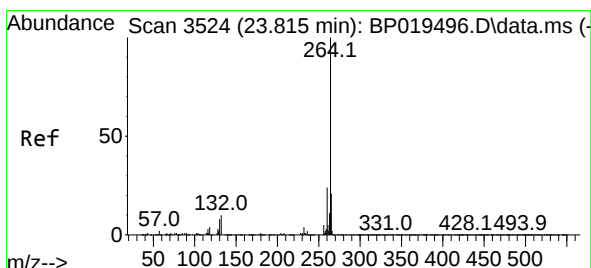
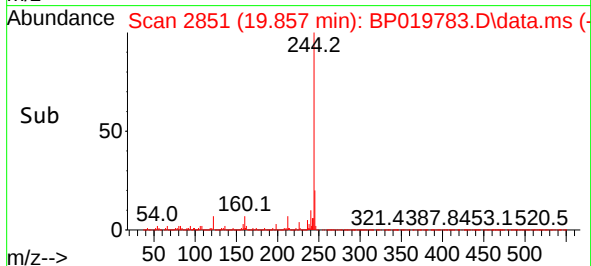
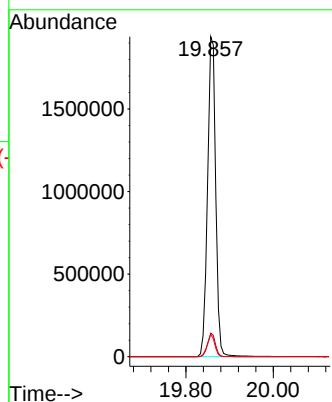
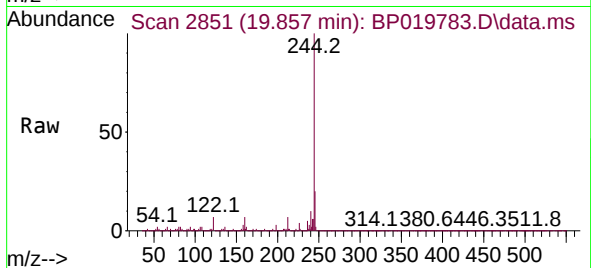
Tgt Ion:244 Resp: 2512282

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 7.0 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. 0.000 min

Lab File: BP019783.D

Acq: 20 Feb 2024 13:39

Tgt Ion:264 Resp: 465819

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.4 17.0 25.4

