

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
 Data File : BP019759.D
 Acq On : 19 Feb 2024 12:50
 Operator : MA/JU
 Sample : PB159072BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159072BL

Quant Time: Feb 19 13:17:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	73764	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	259054	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	168567	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	423399	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	435602	20.000	ng	0.00
86) Perylene-d12	23.810	264	491231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	537256	117.403	ng	-0.01
7) Phenol-d6	7.069	99	655347	106.210	ng	-0.02
23) Nitrobenzene-d5	9.069	82	463263	77.489	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	392061	159.297	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1050715	77.057	ng	-0.02
79) Terphenyl-d14	19.863	244	2267349	85.600	ng	0.00

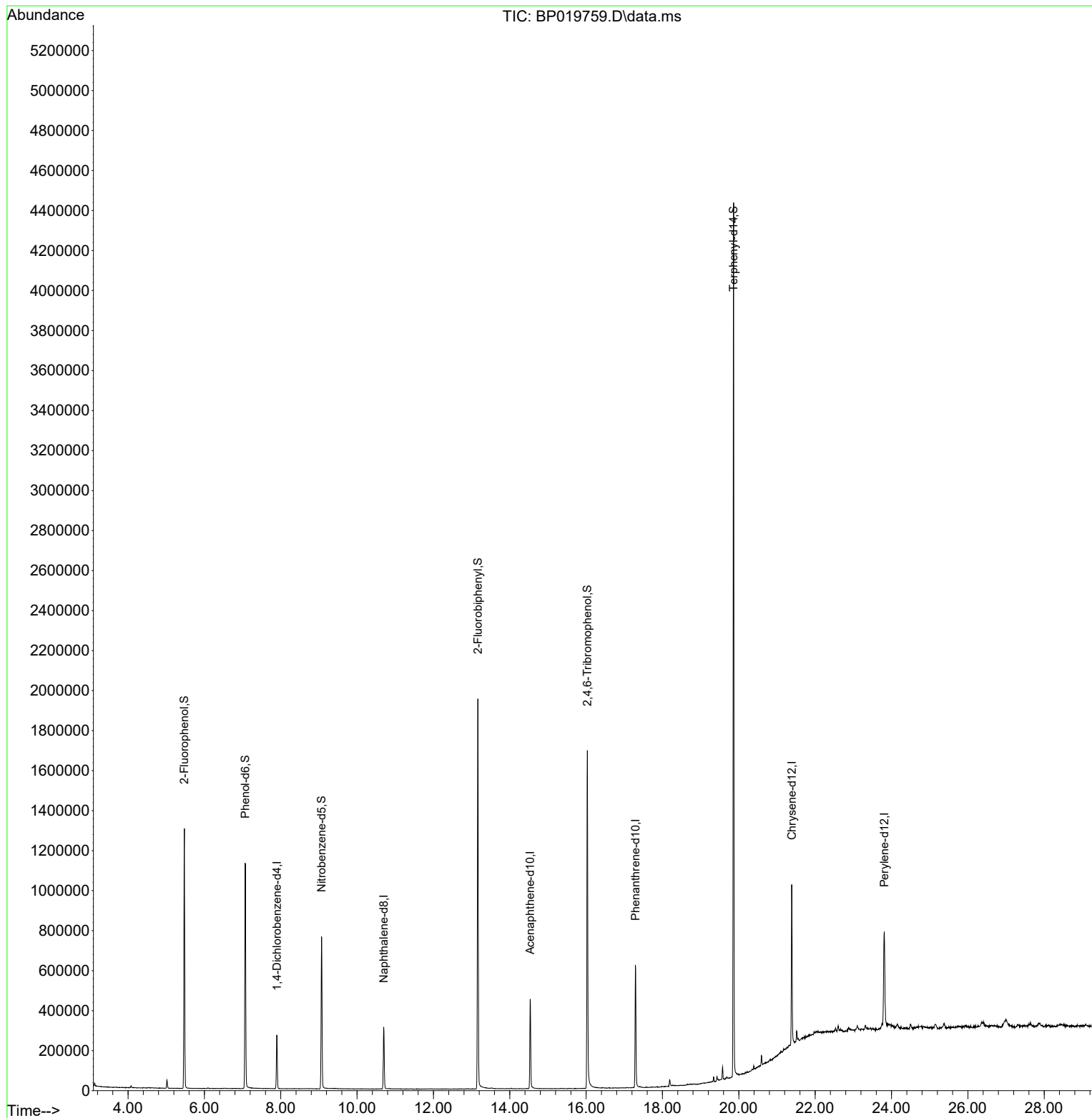
Target Compounds	Qvalue

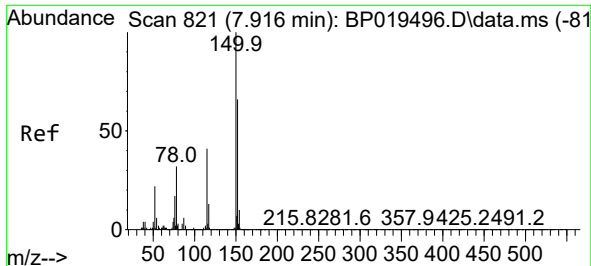
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019759.D
Acq On : 19 Feb 2024 12:50
Operator : MA/JU
Sample : PB159072BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB159072BL

Quant Time: Feb 19 13:17:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

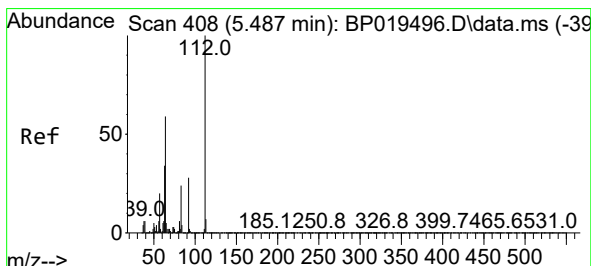
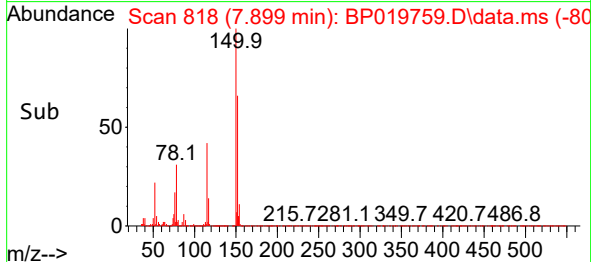
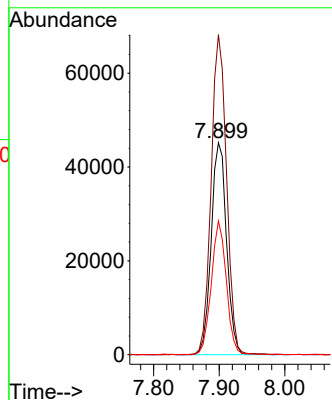
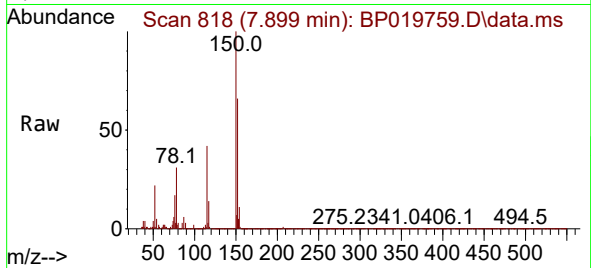




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019759.D
Acq: 19 Feb 2024 12:50

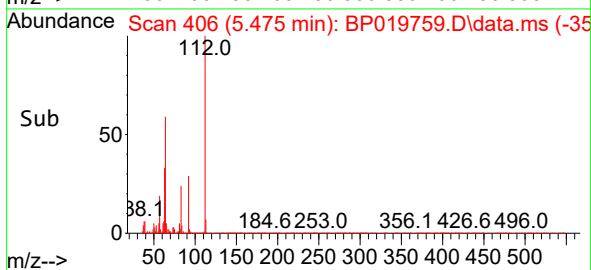
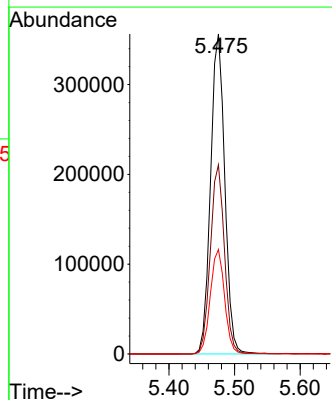
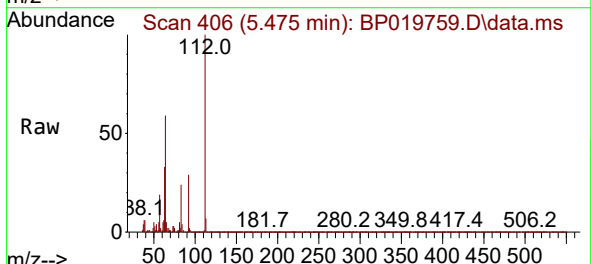
Instrument :
BNA_P
ClientSampleId :
PB159072BL

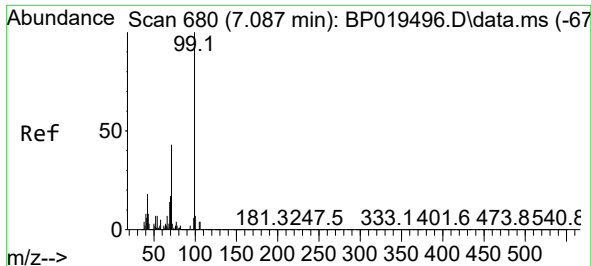
Tgt Ion:152 Resp: 73764
Ion Ratio Lower Upper
152 100
150 151.0 121.8 182.8
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 117.403 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019759.D
Acq: 19 Feb 2024 12:50

Tgt Ion:112 Resp: 537256
Ion Ratio Lower Upper
112 100
64 59.1 47.4 71.0
63 32.6 27.0 40.6

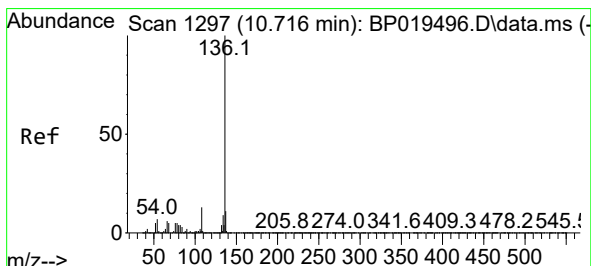
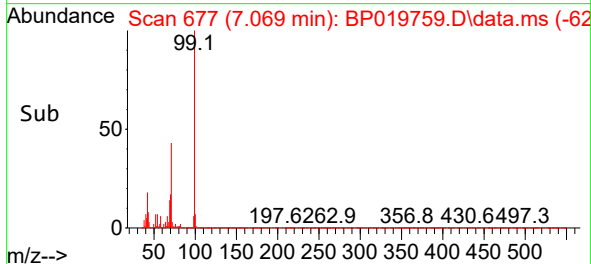
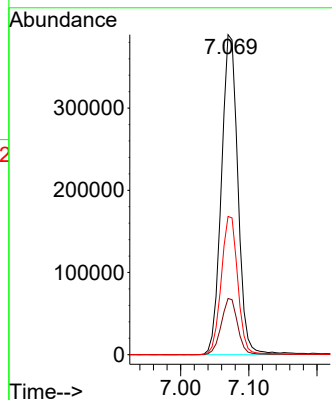
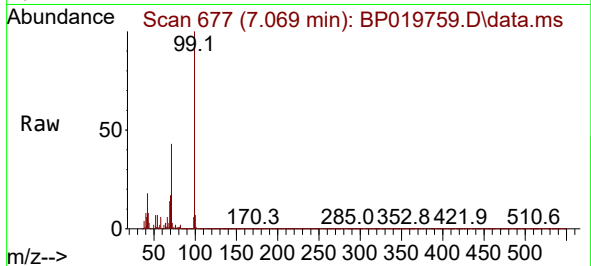




#7
Phenol-d6
Concen: 106.210 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019759.D
Acq: 19 Feb 2024 12:50

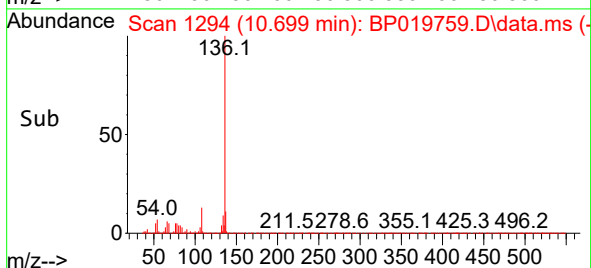
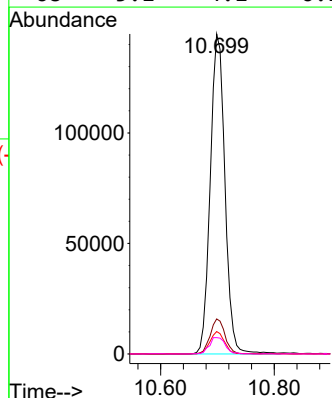
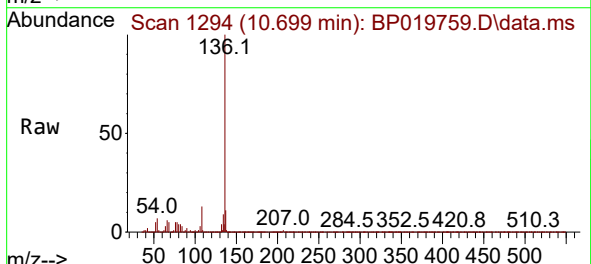
Instrument :
BNA_P
ClientSampleId :
PB159072BL

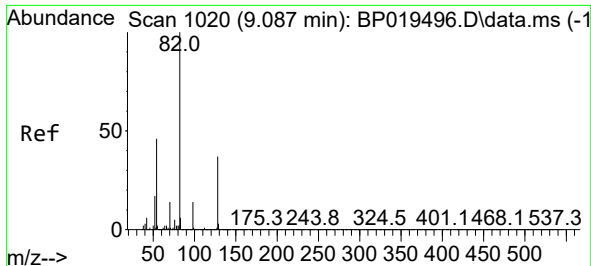
Tgt Ion: 99 Resp: 655347
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019759.D
Acq: 19 Feb 2024 12:50

Tgt Ion: 136 Resp: 259054
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.3 7.9
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.489 ng

RT: 9.069 min Scan# 10

Delta R.T. -0.017 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB159072BL

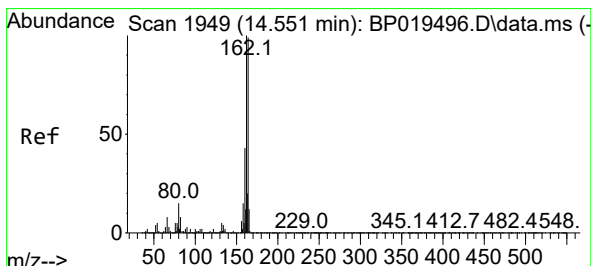
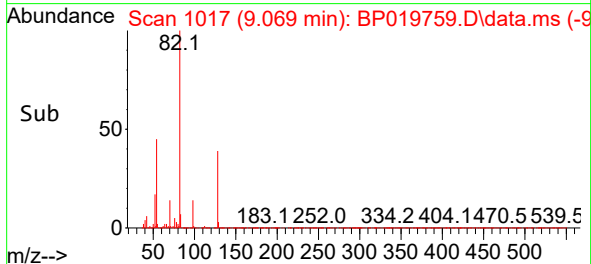
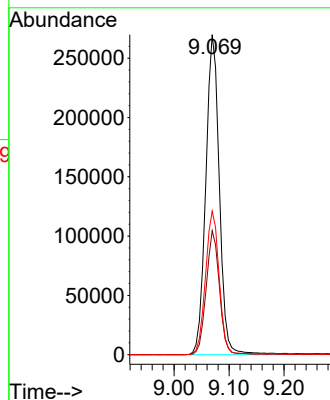
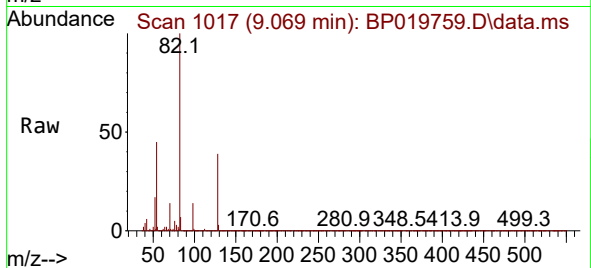
Tgt Ion: 82 Resp: 463263

Ion Ratio Lower Upper

82 100

128 38.8 29.7 44.5

54 44.9 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.017 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

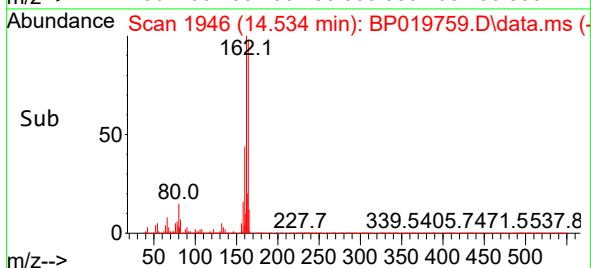
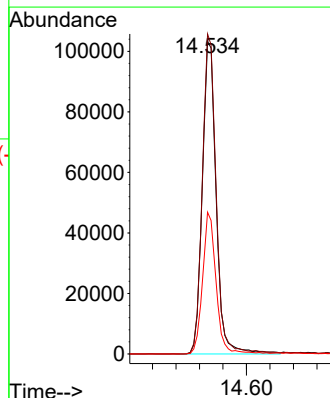
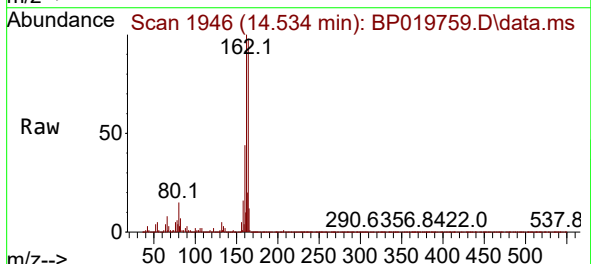
Tgt Ion:164 Resp: 168567

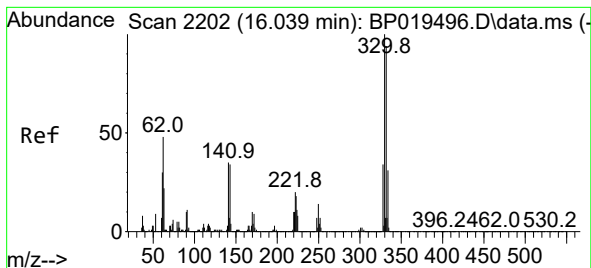
Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

160 45.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 159.297 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB159072BL

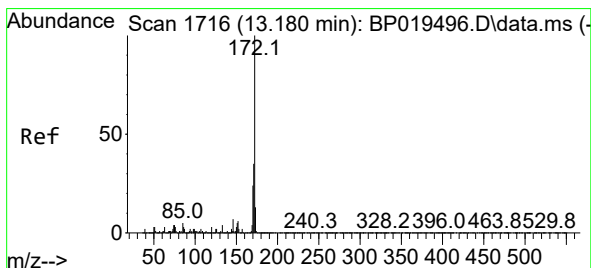
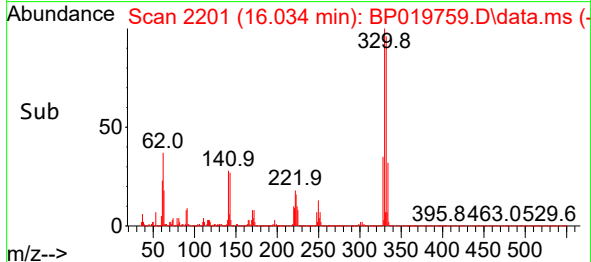
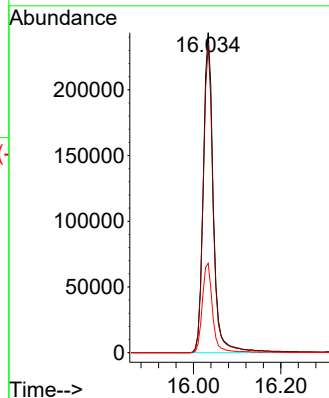
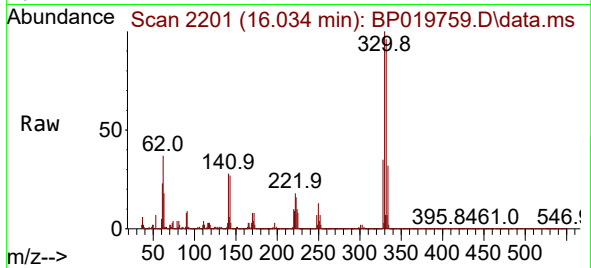
Tgt Ion:330 Resp: 392061

Ion Ratio Lower Upper

330 100

332 94.9 77.2 115.8

141 28.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 77.057 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

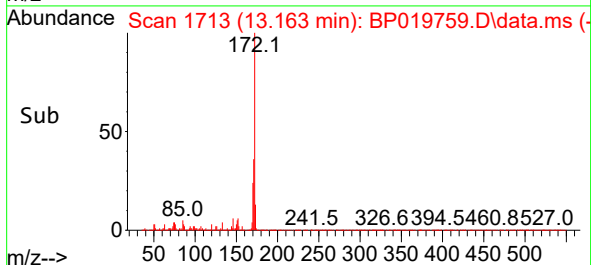
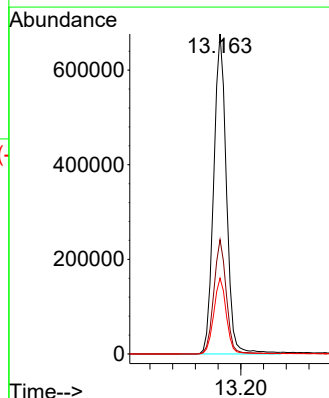
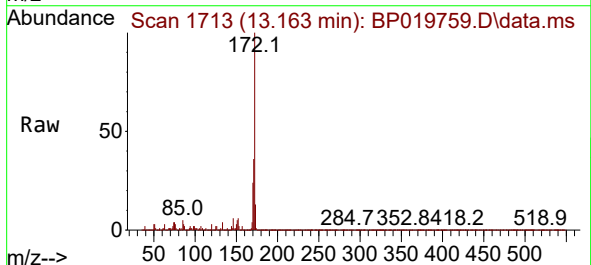
Tgt Ion:172 Resp: 1050715

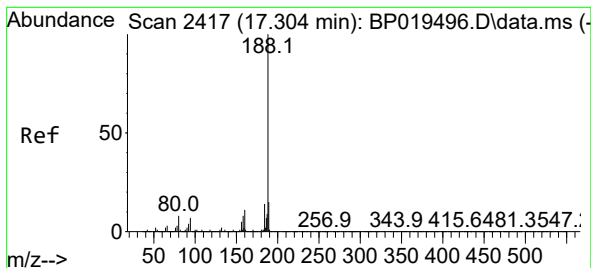
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB159072BL

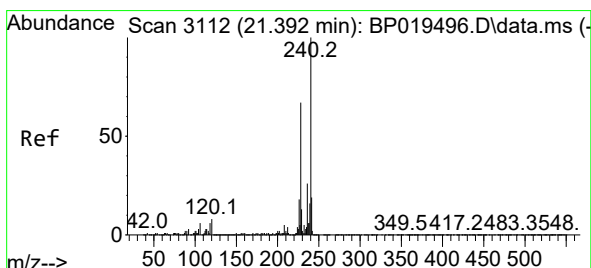
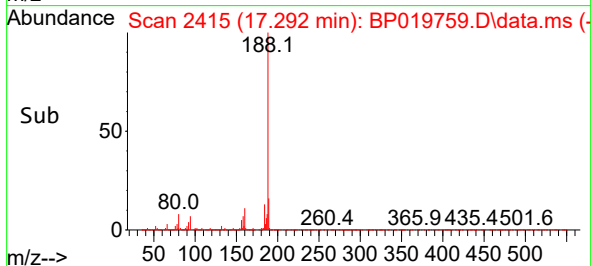
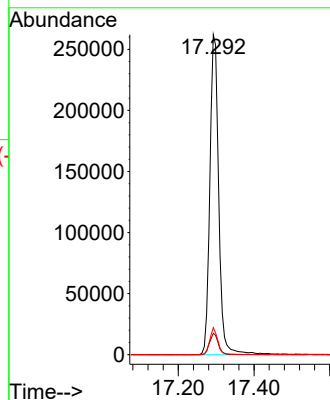
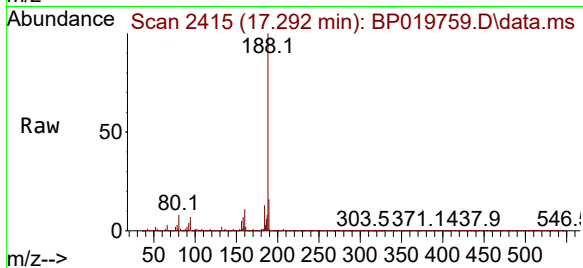
Tgt Ion:188 Resp: 423399

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 8.5 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

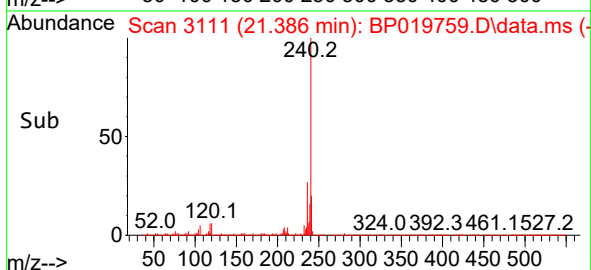
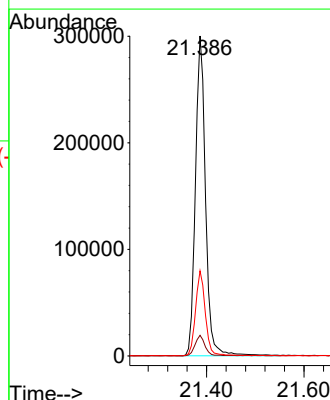
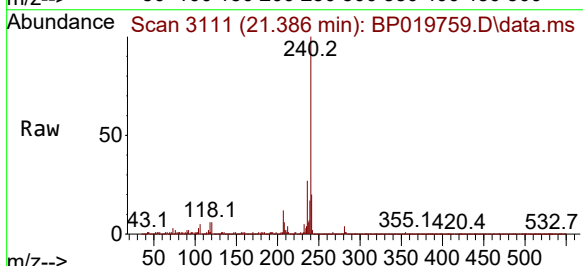
Tgt Ion:240 Resp: 435602

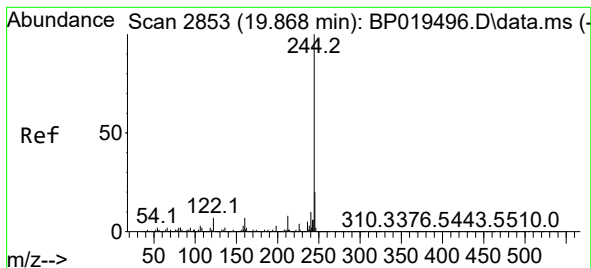
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.6 20.7 31.1





#79

Terphenyl-d14

Concen: 85.600 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB159072BL

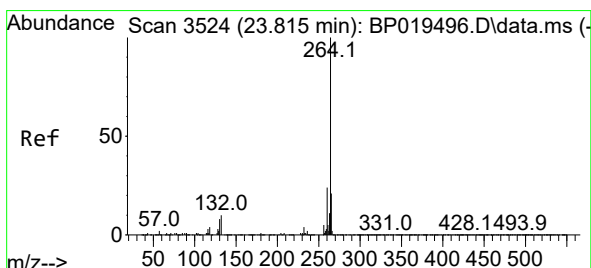
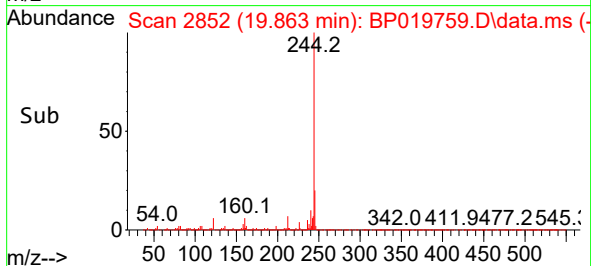
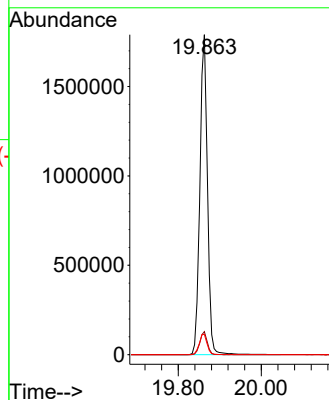
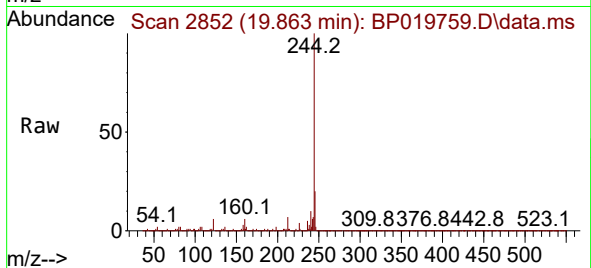
Tgt Ion:244 Resp: 2267349

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.005 min

Lab File: BP019759.D

Acq: 19 Feb 2024 12:50

Tgt Ion:264 Resp: 491231

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.5 17.0 25.4

