

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019782.D
 Acq On : 20 Feb 2024 12:59
 Operator : MA/JU
 Sample : PB159045TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159045TB

Quant Time: Feb 20 13:40:07 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	72842	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	254473	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	158405	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	365893	20.000	ng	0.00
76) Chrysene-d12	21.386	240	383662	20.000	ng	0.00
86) Perylene-d12	23.810	264	468594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	469633	103.925	ng	0.00
7) Phenol-d6	7.075	99	573528	94.126	ng	0.00
23) Nitrobenzene-d5	9.069	82	400916	68.268	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	300625	129.982	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	892027	69.616	ng	0.00
79) Terphenyl-d14	19.857	244	1698716	72.814	ng	0.00

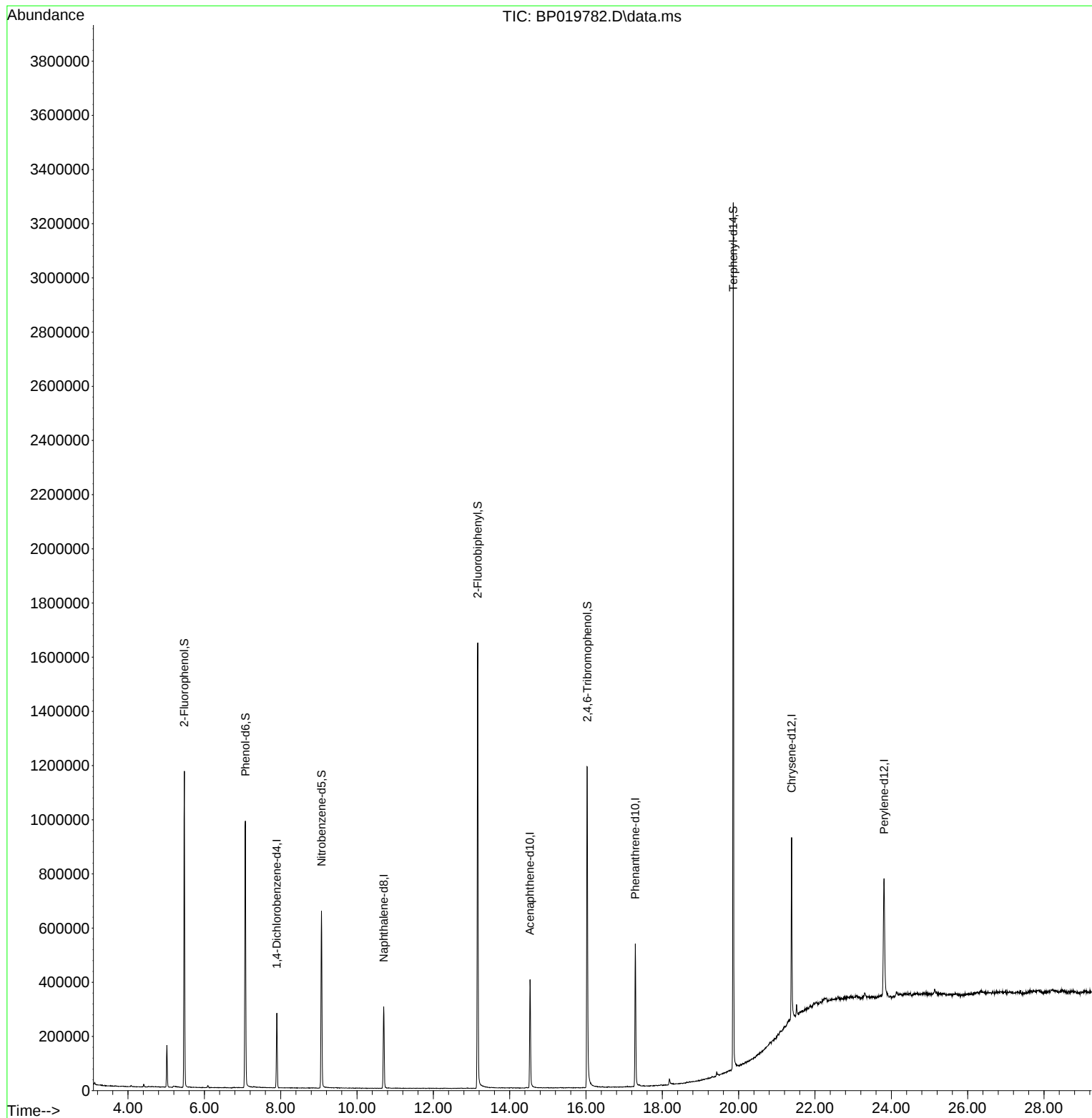
Target Compounds	Qvalue

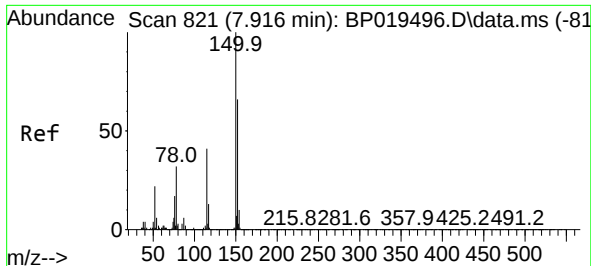
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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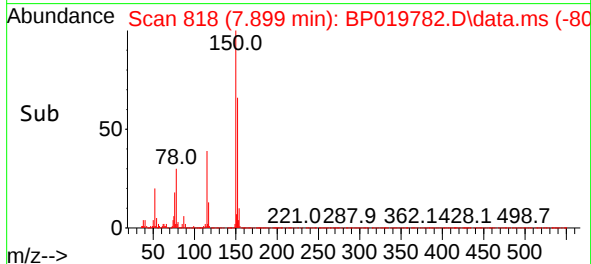
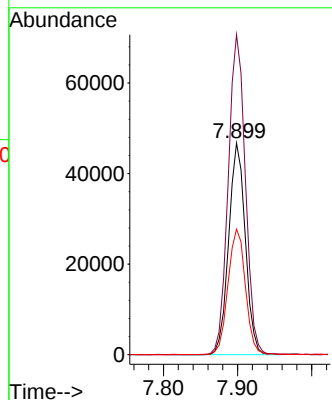
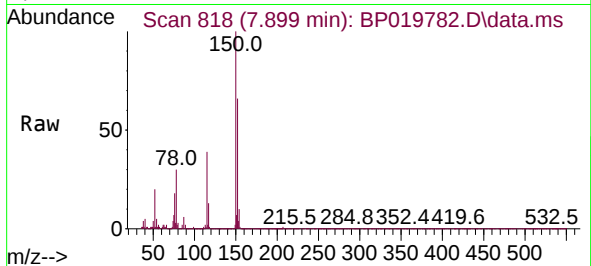




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019782.D
Acq: 20 Feb 2024 12:59

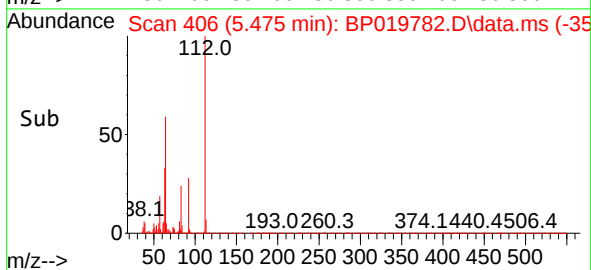
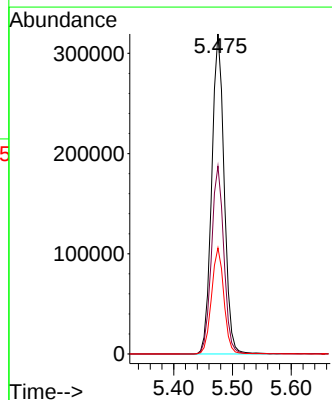
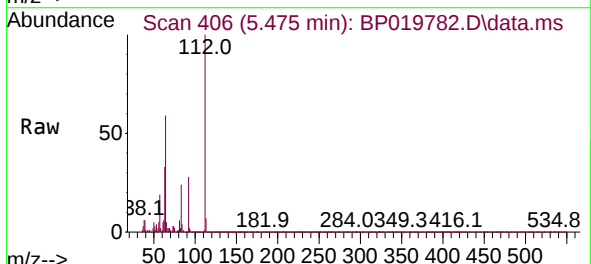
Instrument :
BNA_P
ClientSampleId :
PB159045TB

Tgt Ion:152 Resp: 72842
Ion Ratio Lower Upper
152 100
150 151.2 121.8 182.8
115 59.3 49.9 74.9



#5
2-Fluorophenol
Concen: 103.925 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019782.D
Acq: 20 Feb 2024 12:59

Tgt Ion:112 Resp: 469633
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 33.1 27.0 40.6

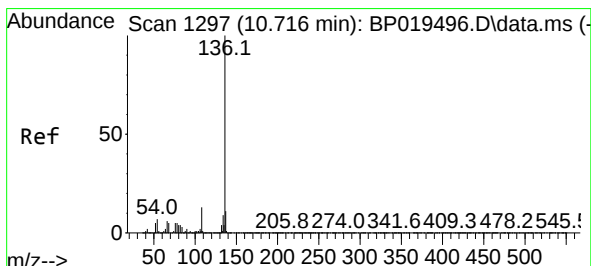
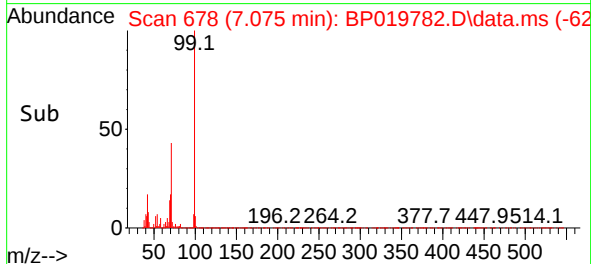
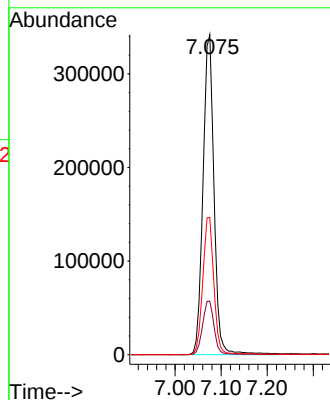
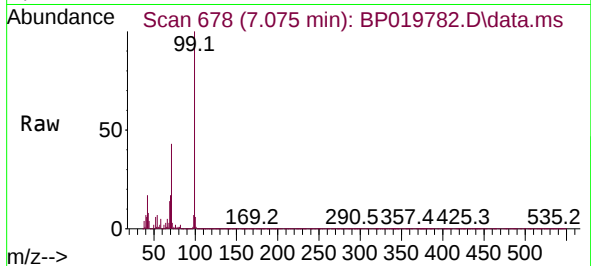




#7
Phenol-d6
Concen: 94.126 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019782.D
Acq: 20 Feb 2024 12:59

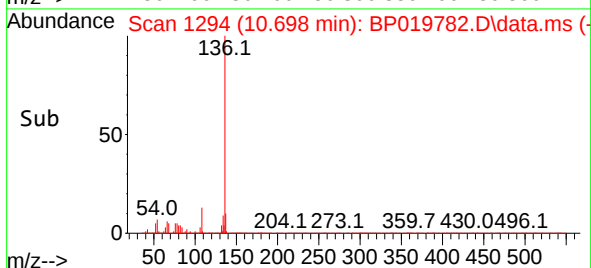
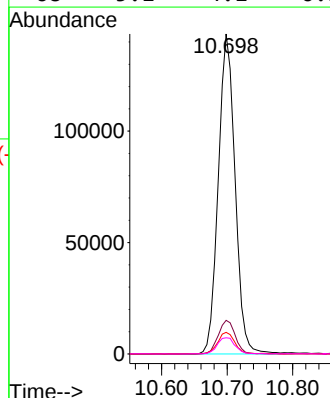
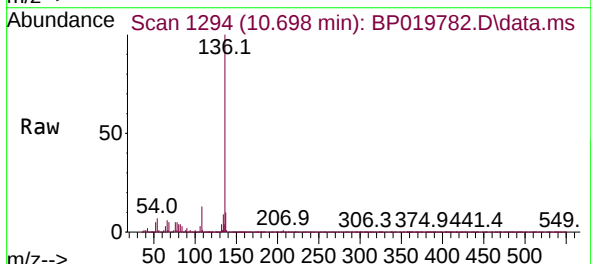
Instrument :
BNA_P
ClientSampleId :
PB159045TB

Tgt Ion: 99 Resp: 573528
Ion Ratio Lower Upper
99 100
42 16.7 14.7 22.1
71 42.9 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: BP019782.D
Acq: 20 Feb 2024 12:59

Tgt Ion: 136 Resp: 254473
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.8 5.3 7.9
68 5.1 4.1 6.1

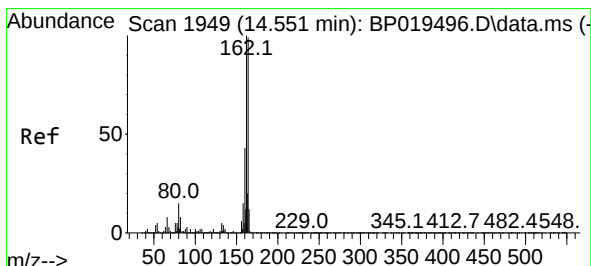
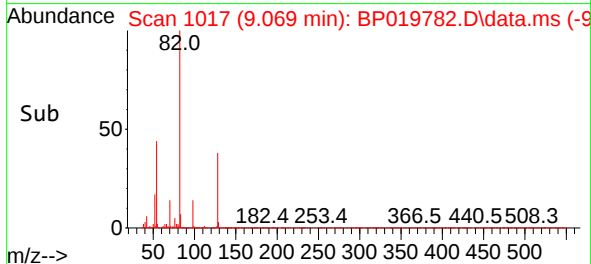
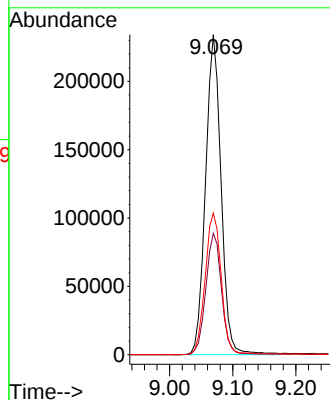
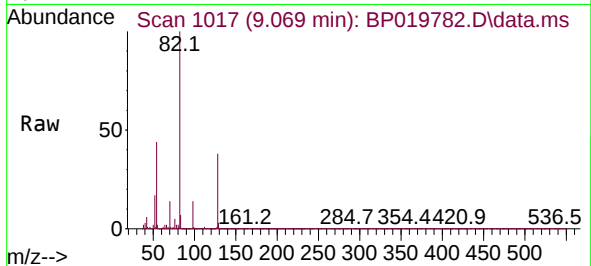




#23
Nitrobenzene-d5
Concen: 68.268 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP019782.D
Acq: 20 Feb 2024 12:59

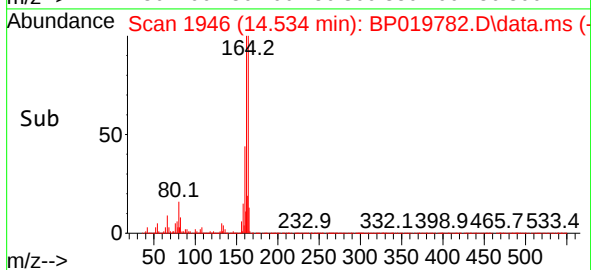
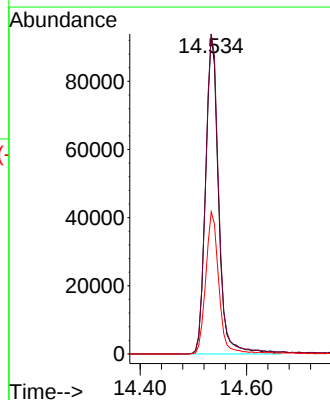
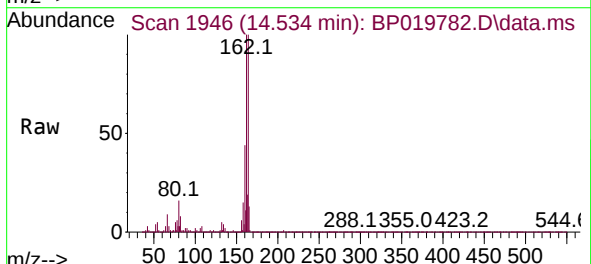
Instrument :
BNA_P
ClientSampleId :
PB159045TB

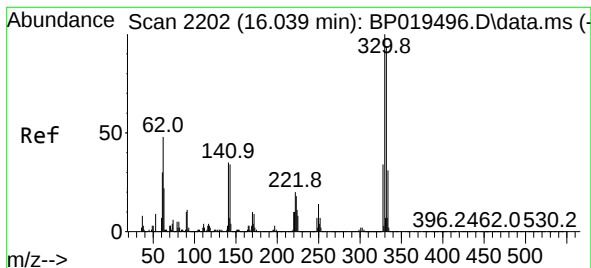
Tgt Ion: 82 Resp: 400916
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 44.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019782.D
Acq: 20 Feb 2024 12:59

Tgt Ion: 164 Resp: 158405
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 44.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 129.982 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019782.D

Acq: 20 Feb 2024 12:59

Instrument :

BNA_P

ClientSampleId :

PB159045TB

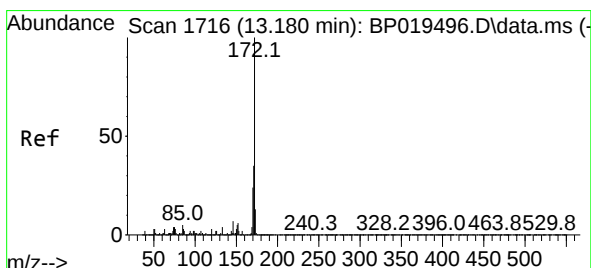
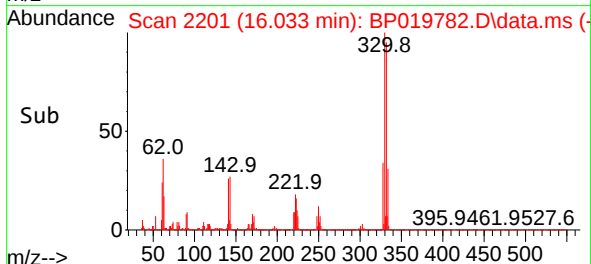
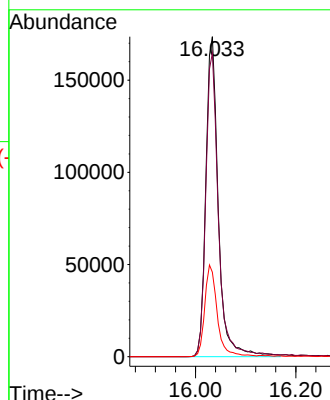
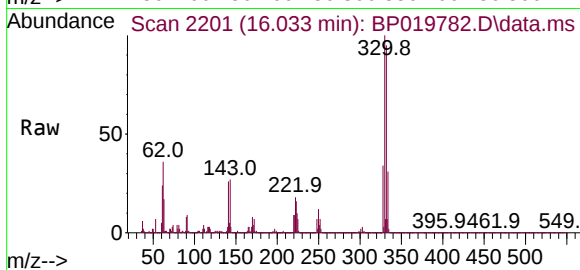
Tgt Ion:330 Resp: 300625

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 28.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 69.616 ng

RT: 13.163 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP019782.D

Acq: 20 Feb 2024 12:59

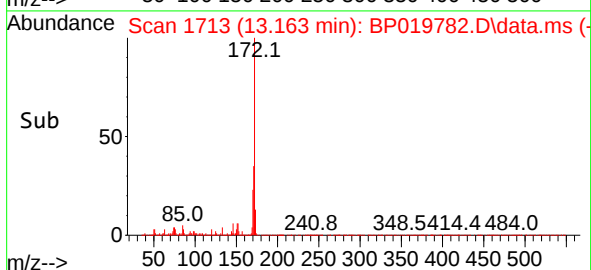
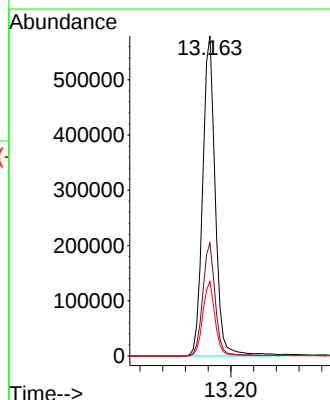
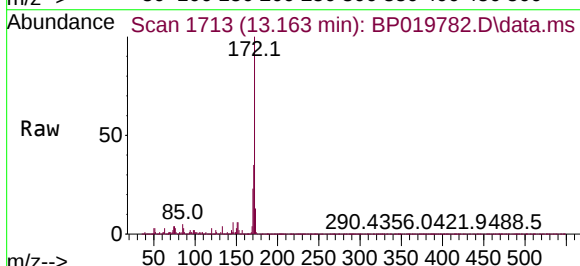
Tgt Ion:172 Resp: 892027

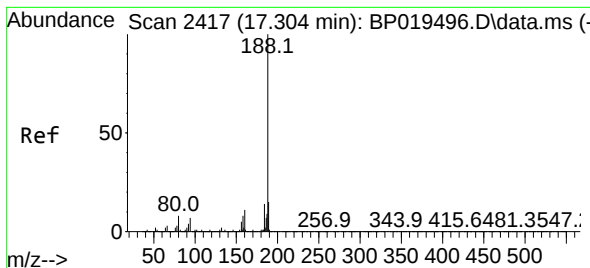
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.3 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: BP019782.D

Acq: 20 Feb 2024 12:59

Instrument :

BNA_P

ClientSampleId :

PB159045TB

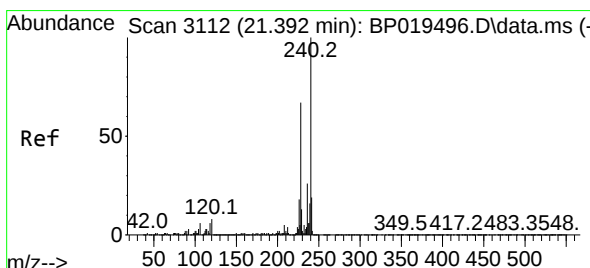
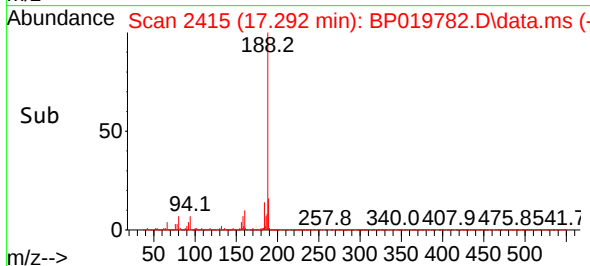
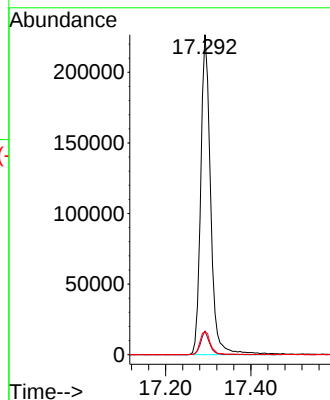
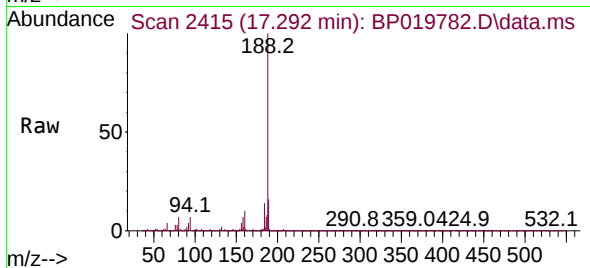
Tgt Ion:188 Resp: 365893

Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.2

80 7.2 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: BP019782.D

Acq: 20 Feb 2024 12:59

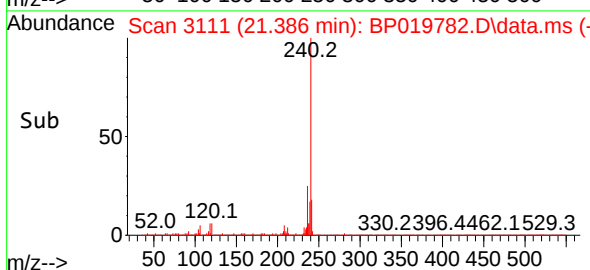
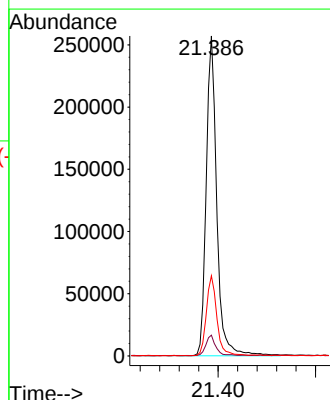
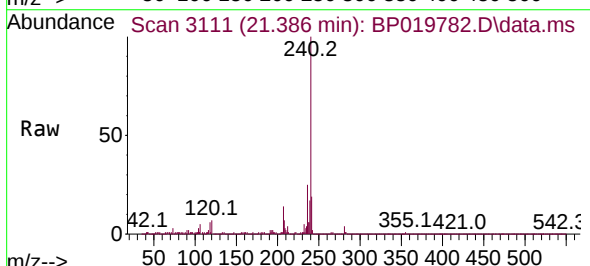
Tgt Ion:240 Resp: 383662

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 72.814 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019782.D

Acq: 20 Feb 2024 12:59

Instrument :

BNA_P

ClientSampleId :

PB159045TB

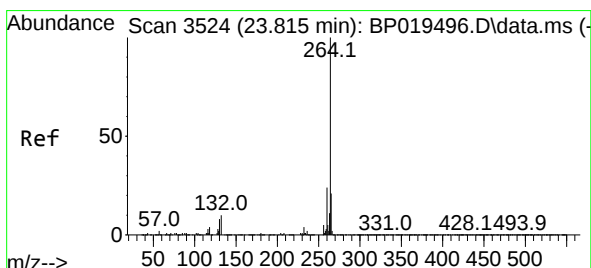
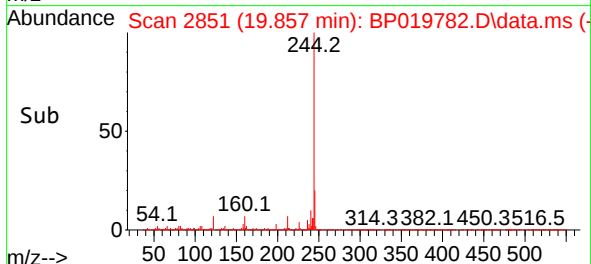
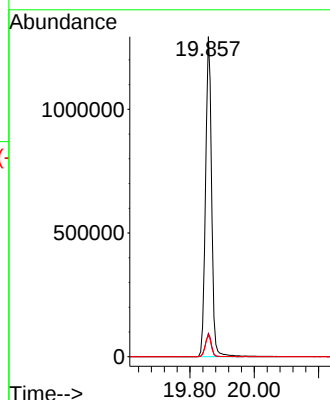
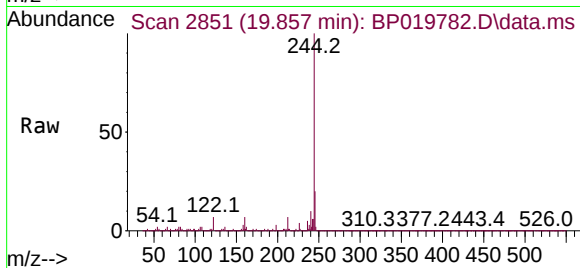
Tgt Ion:244 Resp: 1698716

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.6 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: BP019782.D

Acq: 20 Feb 2024 12:59

Tgt Ion:264 Resp: 468594

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 17.0 25.4

