

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019575.D
 Acq On : 06 Feb 2024 15:53
 Operator : MA/JU
 Sample : PB158578BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158578BL

Quant Time: Feb 07 01:04:13 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	7.911	152	89652	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	327785	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	198096	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	383634	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	373658	20.000	ng	-0.01
86) Perylene-d12	23.798	264	476628	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	711828	127.985	ng	0.00
7) Phenol-d6	7.081	99	889905	118.664	ng	0.00
23) Nitrobenzene-d5	9.081	82	618619	81.778	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	322931	111.650	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1355797	84.609	ng	-0.01
79) Terphenyl-d14	19.863	244	1801598	79.292	ng	0.00

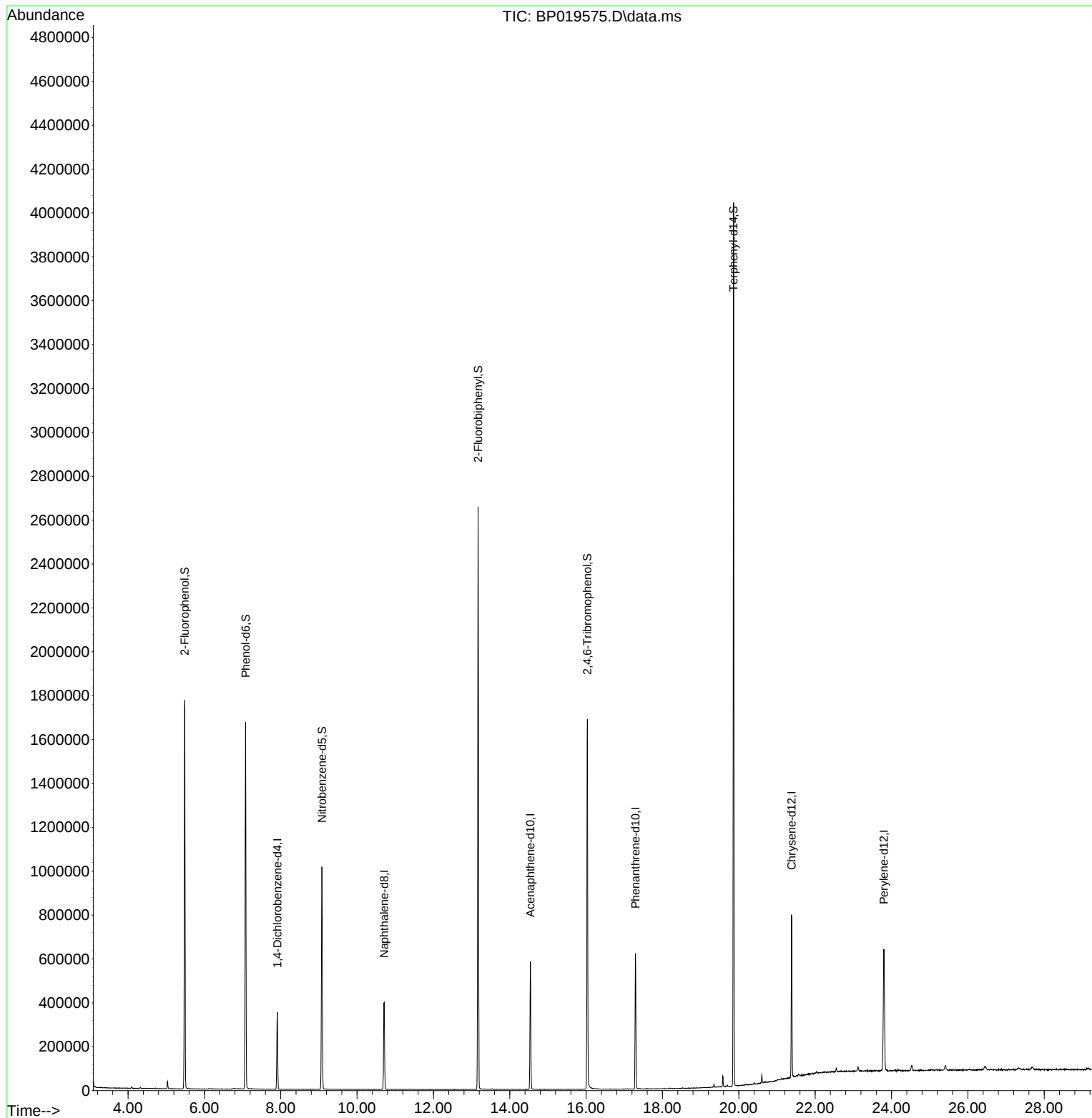
Target Compounds	Qvalue

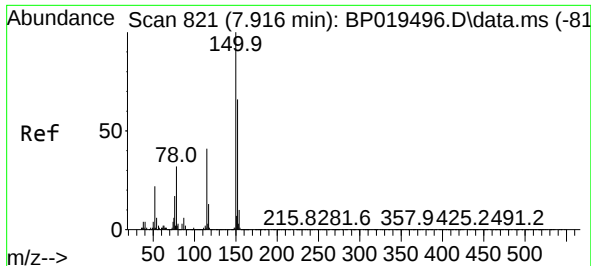
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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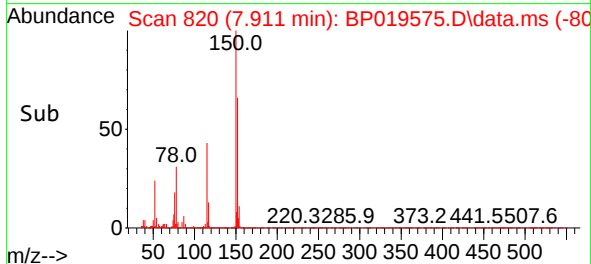
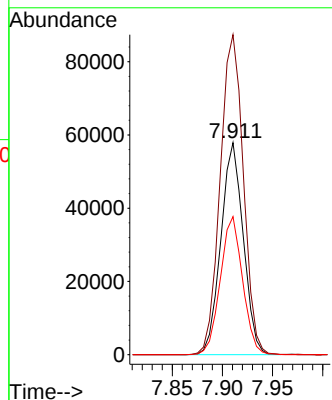
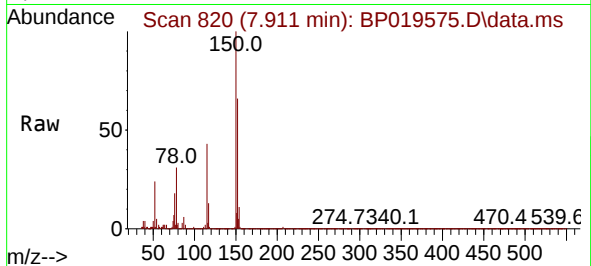




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.911 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP019575.D
 Acq: 06 Feb 2024 15:53

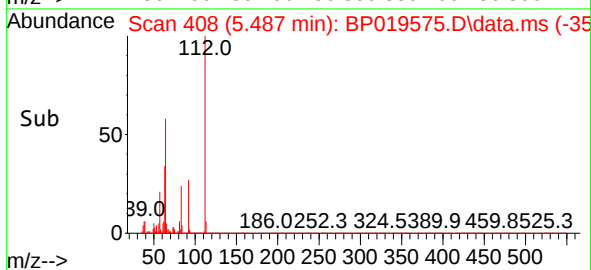
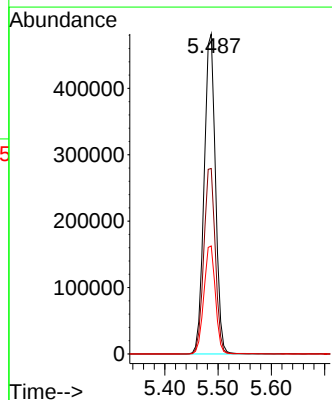
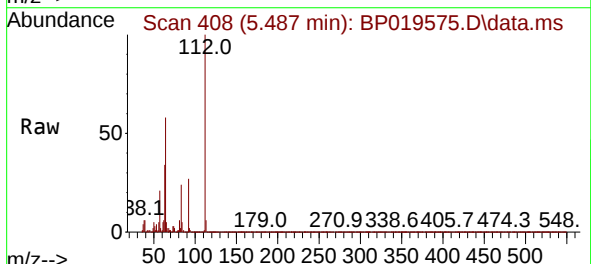
Instrument :
 BNA_P
 ClientSampleId :
 PB158578BL

Tgt Ion:152 Resp: 89652
 Ion Ratio Lower Upper
 152 100
 150 150.9 121.8 182.8
 115 65.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 127.985 ng
 RT: 5.487 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: BP019575.D
 Acq: 06 Feb 2024 15:53

Tgt Ion:112 Resp: 711828
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.4 71.0
 63 33.8 27.0 40.6

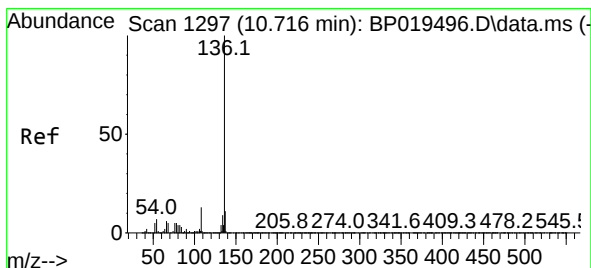
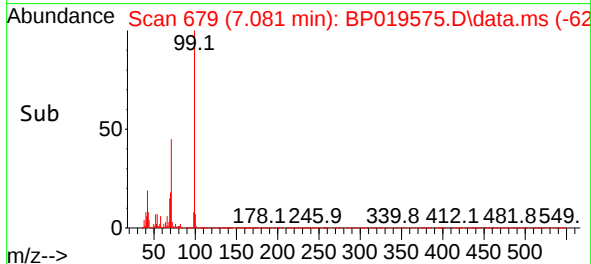
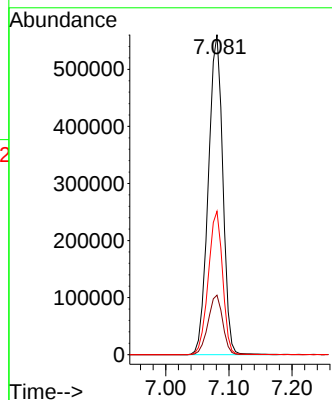
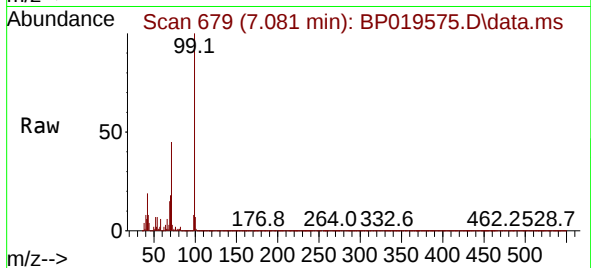




#7
Phenol-d6
Concen: 118.664 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019575.D
Acq: 06 Feb 2024 15:53

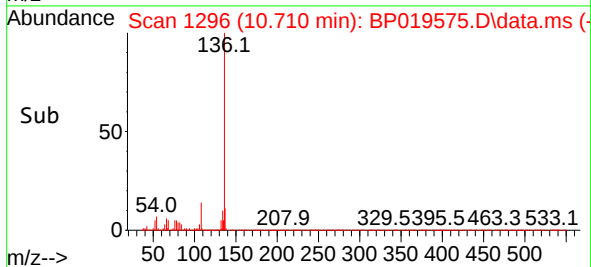
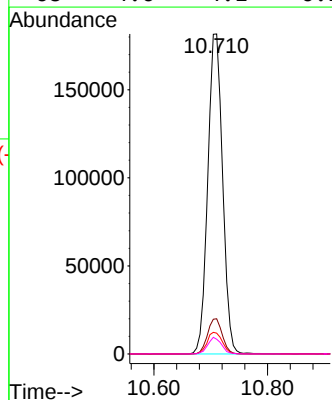
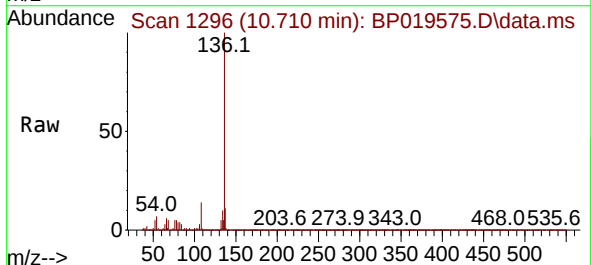
Instrument :
BNA_P
ClientSampleId :
PB158578BL

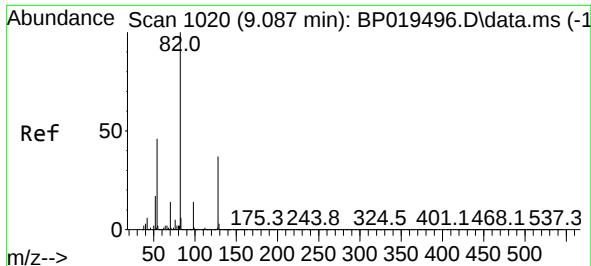
Tgt Ion: 99 Resp: 889905
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 44.8 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019575.D
Acq: 06 Feb 2024 15:53

Tgt Ion: 136 Resp: 327785
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.3 7.9
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 81.778 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

Instrument :

BNA_P

ClientSampleId :

PB158578BL

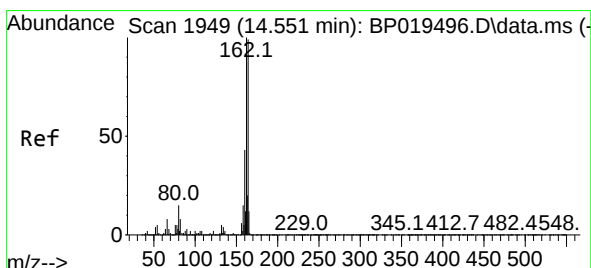
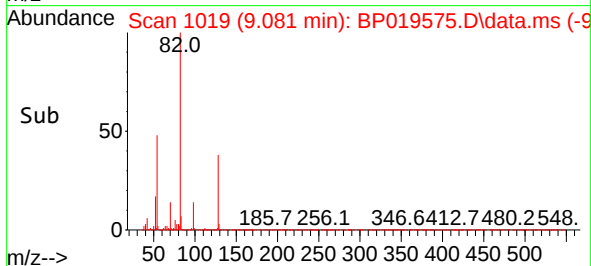
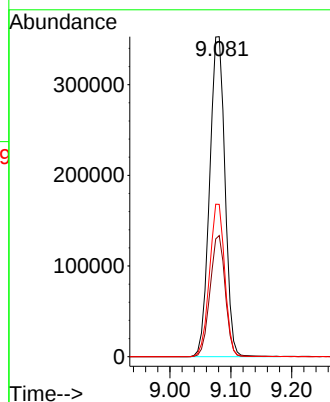
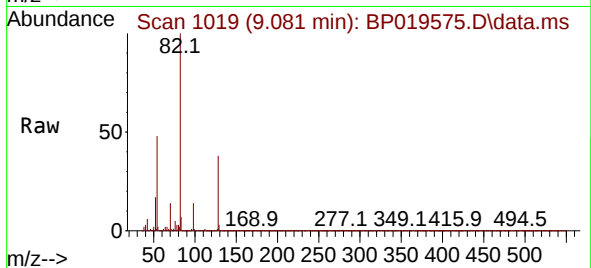
Tgt Ion: 82 Resp: 618619

Ion Ratio Lower Upper

82 100

128 37.8 29.7 44.5

54 47.6 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

Delta R.T. -0.011 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

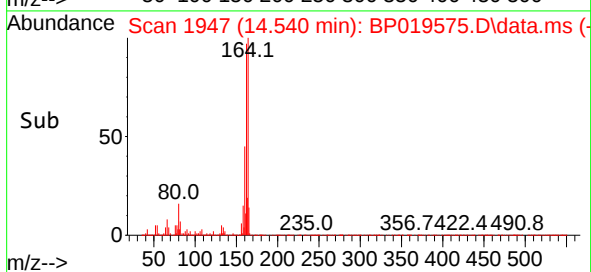
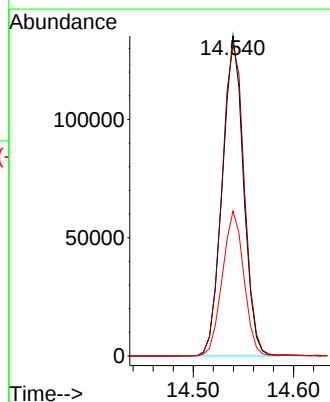
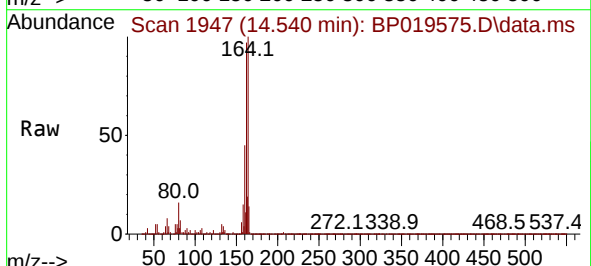
Tgt Ion: 164 Resp: 198096

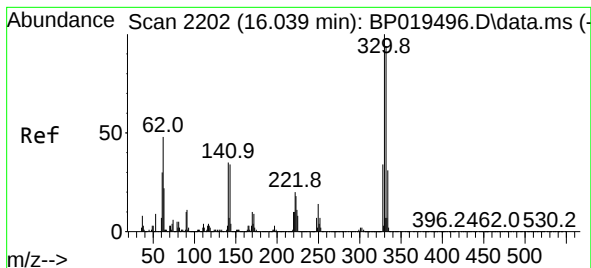
Ion Ratio Lower Upper

164 100

162 97.3 81.2 121.8

160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 111.650 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

Instrument :

BNA_P

ClientSampleId :

PB158578BL

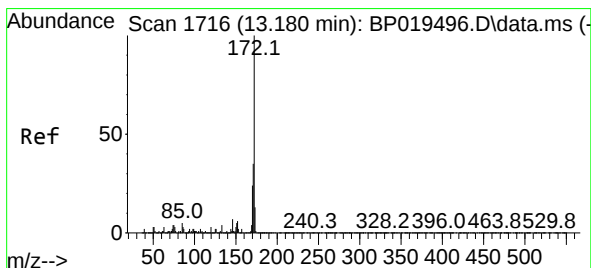
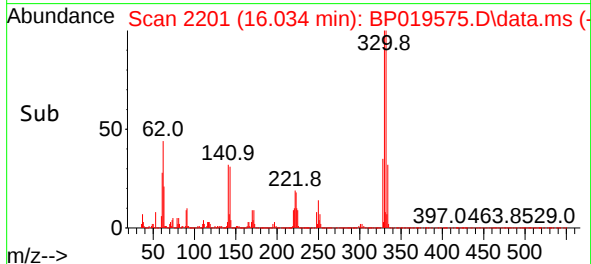
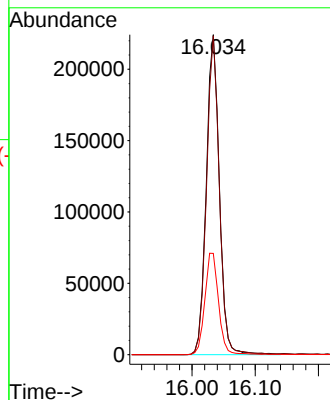
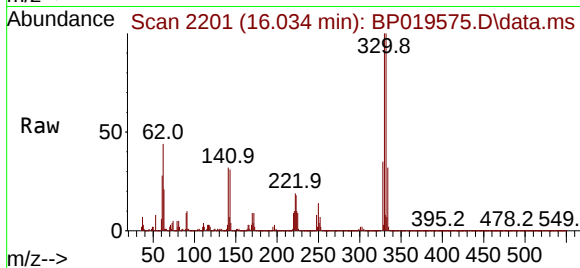
Tgt Ion:330 Resp: 322931

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 33.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 84.609 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

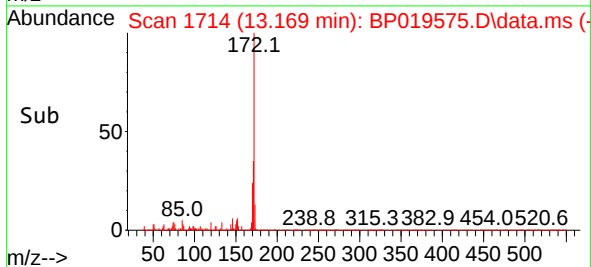
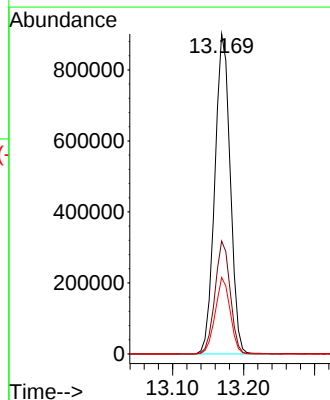
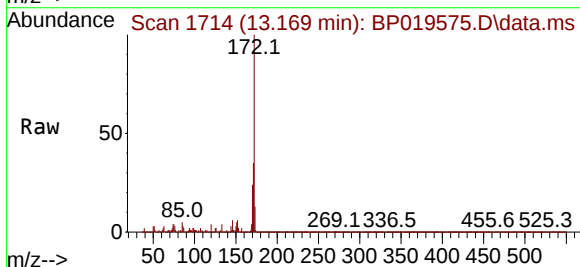
Tgt Ion:172 Resp: 1355797

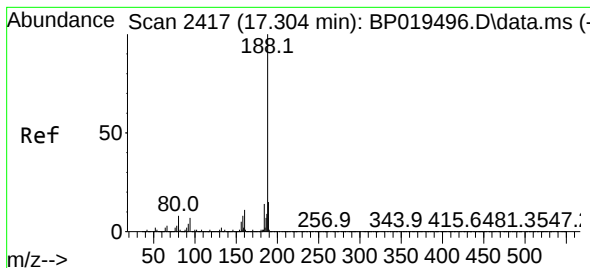
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

Instrument :

BNA_P

ClientSampleId :

PB158578BL

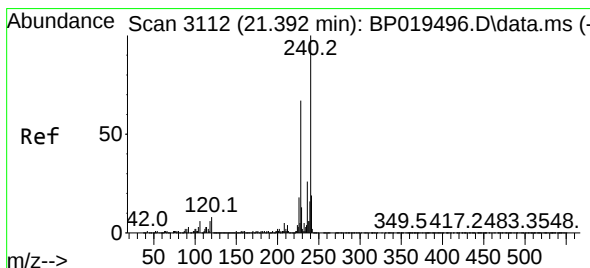
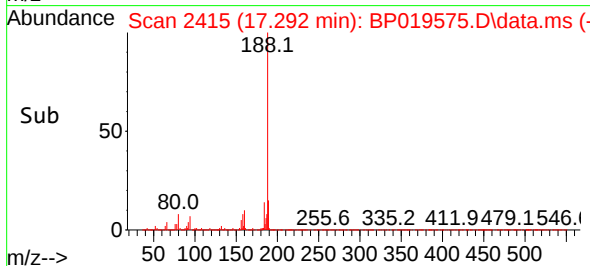
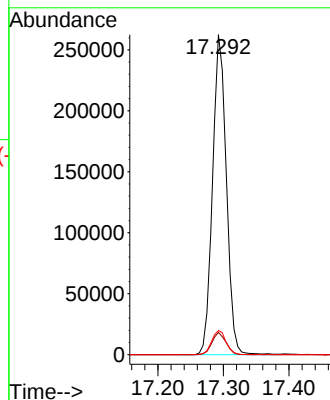
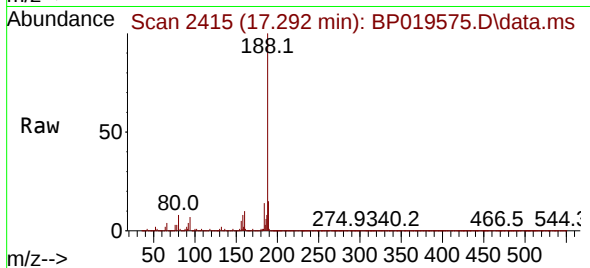
Tgt Ion:188 Resp: 383634

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 7.5 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

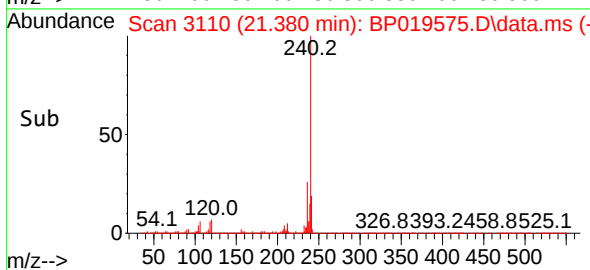
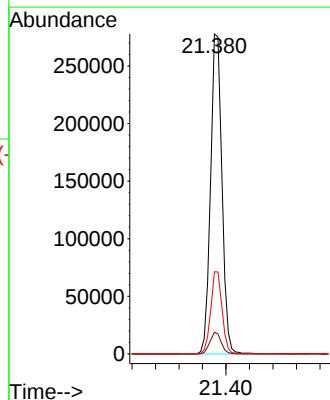
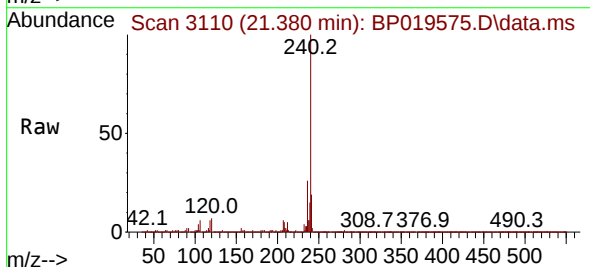
Tgt Ion:240 Resp: 373658

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 79.292 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

Instrument :

BNA_P

ClientSampleId :

PB158578BL

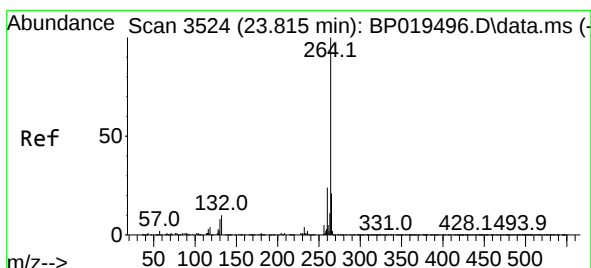
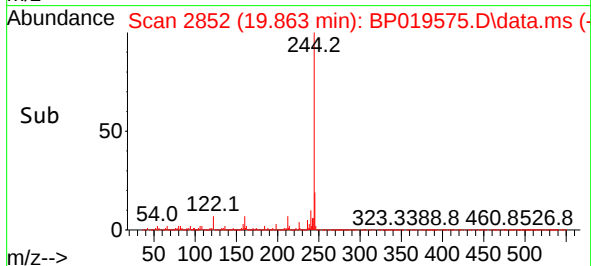
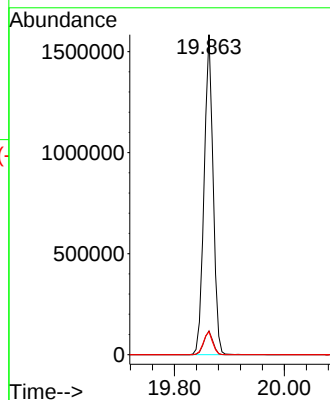
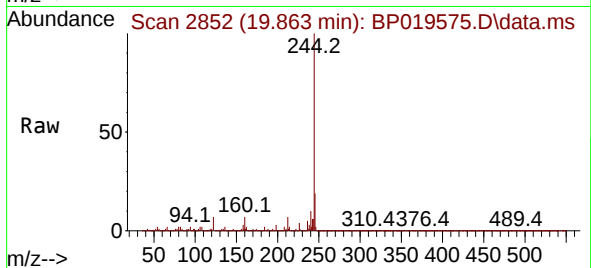
Tgt Ion:244 Resp: 1801598

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.2 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.017 min

Lab File: BP019575.D

Acq: 06 Feb 2024 15:53

Tgt Ion:264 Resp: 476628

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.7 17.0 25.4

