

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
 Data File : BP019586.D
 Acq On : 07 Feb 2024 10:36
 Operator : MA/JU
 Sample : PB158857BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158857BL

Quant Time: Feb 07 11:22:29 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	7.910	152	88161	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	322415	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	213353	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	446064	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	352035	20.000	ng	-0.01
86) Perylene-d12	23.798	264	444216	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	680297	124.384	ng	0.00
7) Phenol-d6	7.081	99	879828	119.305	ng	0.00
23) Nitrobenzene-d5	9.075	82	597891	80.354	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	383995	123.269	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1375252	79.686	ng	-0.01
79) Terphenyl-d14	19.863	244	1832203	85.592	ng	0.00

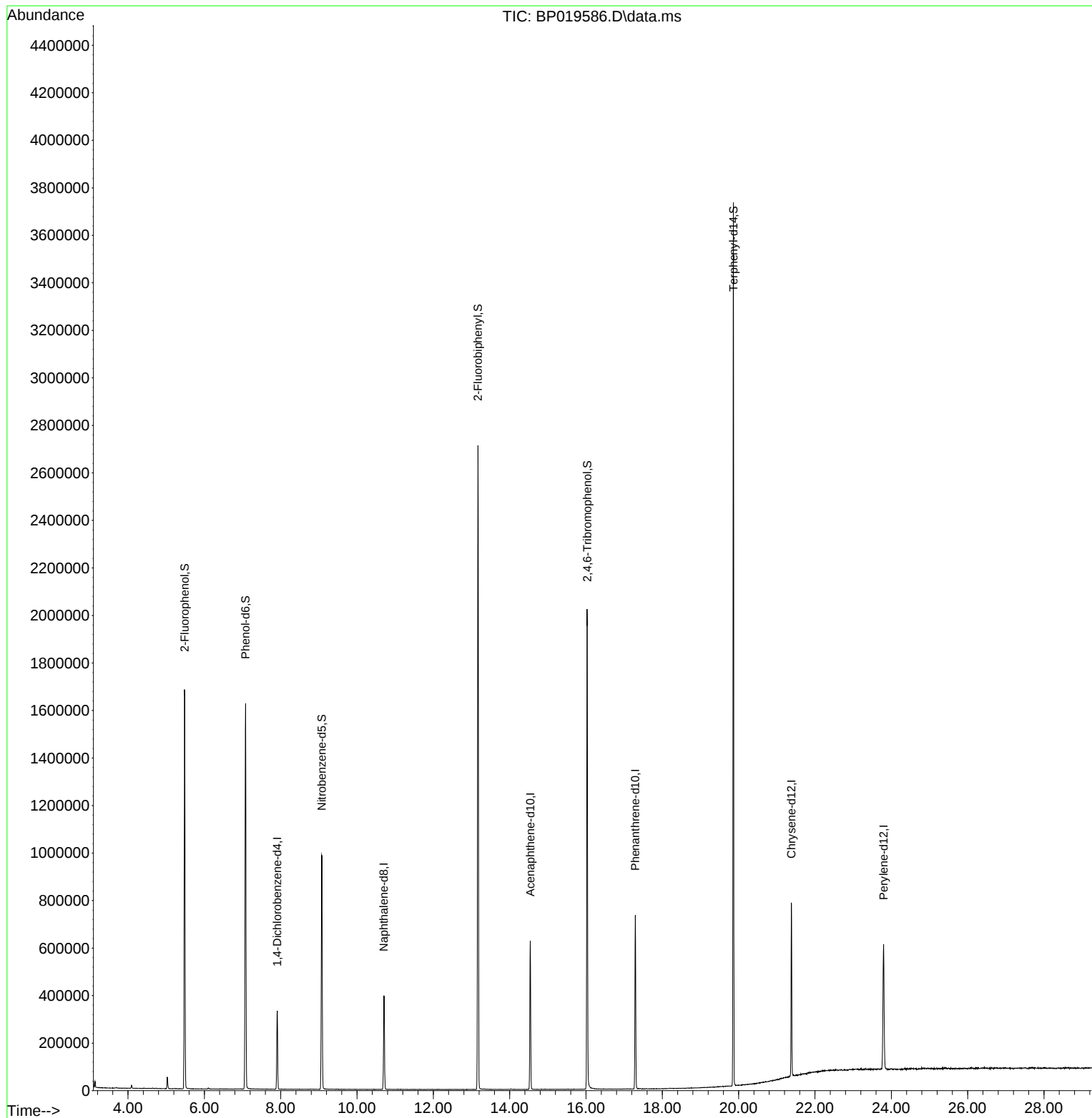
Target Compounds	Qvalue

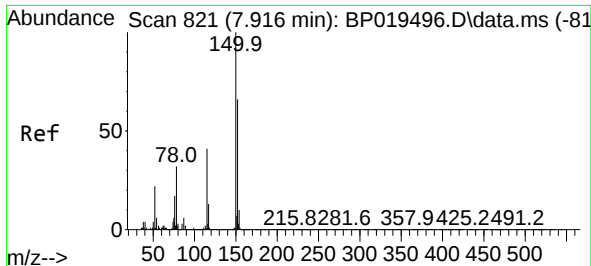
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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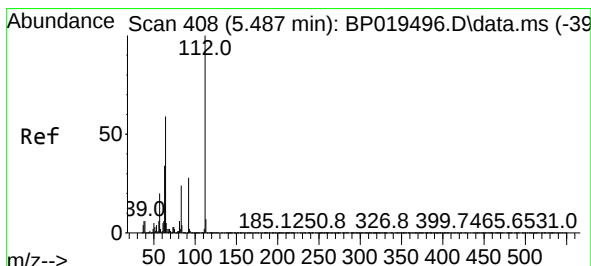
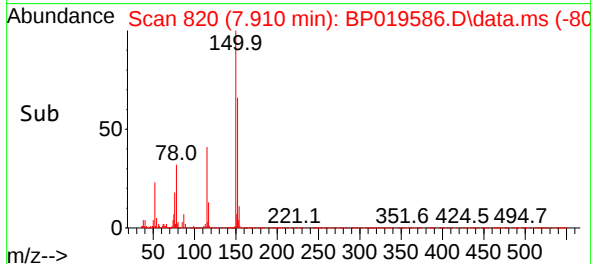
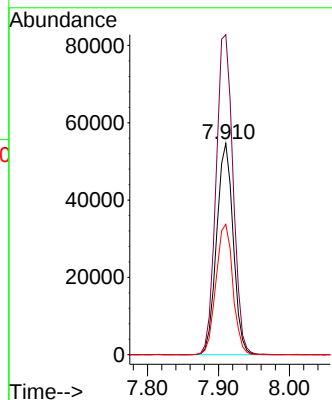
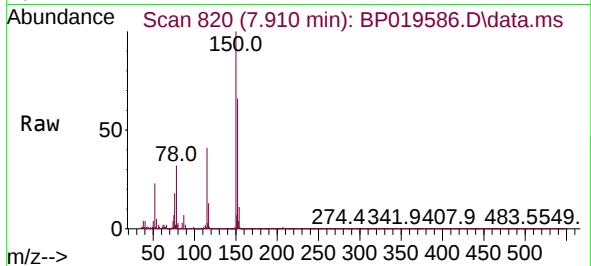




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019586.D
Acq: 07 Feb 2024 10:36

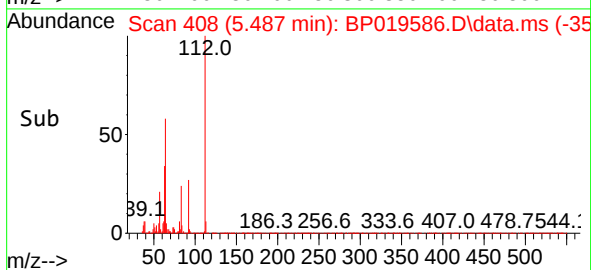
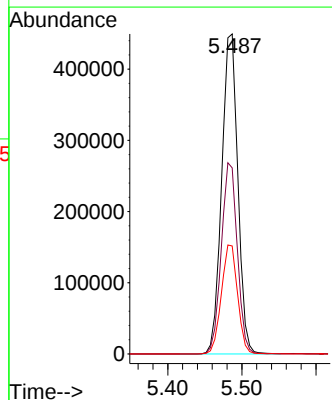
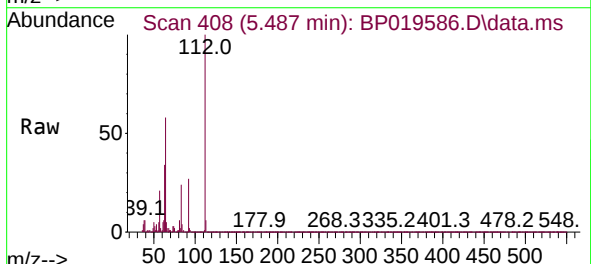
Instrument :
BNA_P
ClientSampleId :
PB158857BL

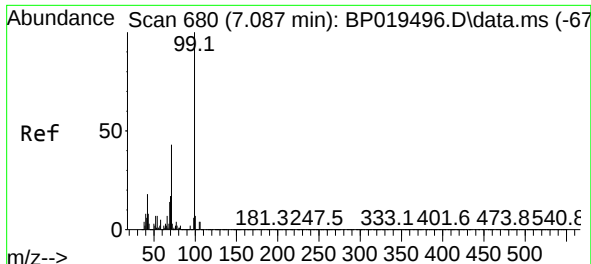
Tgt Ion:152 Resp: 88161
Ion Ratio Lower Upper
152 100
150 151.5 121.8 182.8
115 61.8 49.9 74.9



#5
2-Fluorophenol
Concen: 124.384 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019586.D
Acq: 07 Feb 2024 10:36

Tgt Ion:112 Resp: 680297
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.0
63 33.7 27.0 40.6

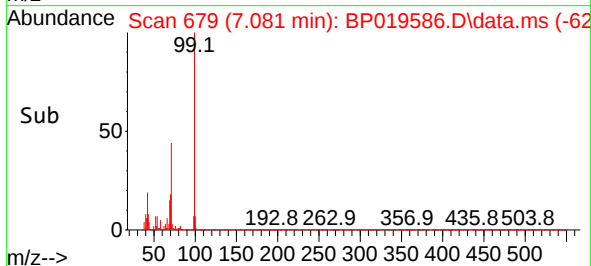
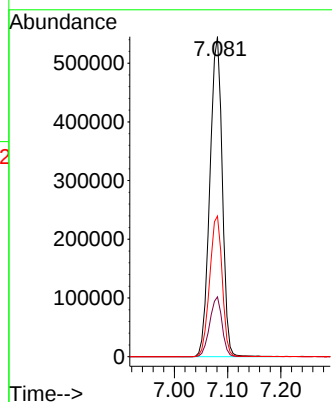
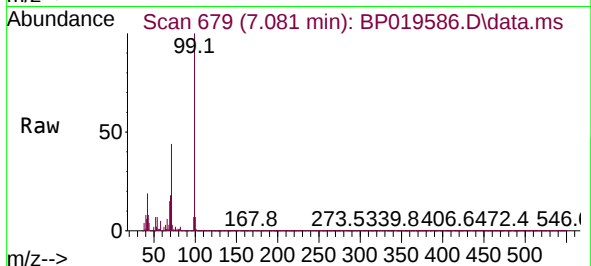




#7
Phenol-d6
Concen: 119.305 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019586.D
Acq: 07 Feb 2024 10:36

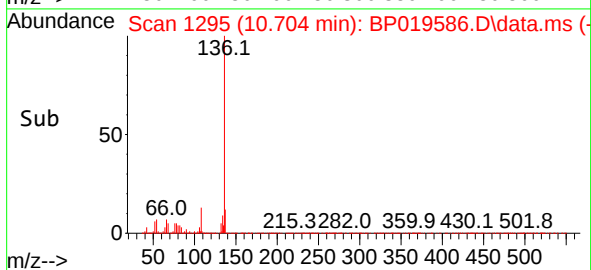
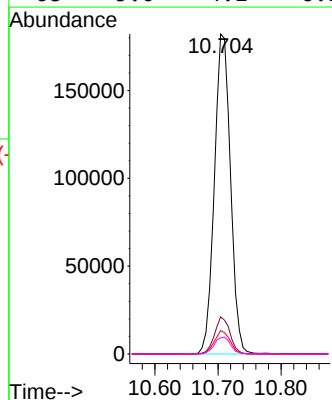
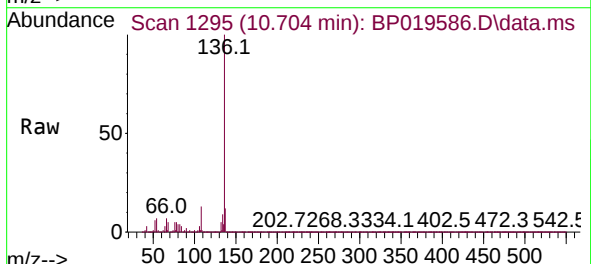
Instrument :
BNA_P
ClientSampleId :
PB158857BL

Tgt Ion: 99 Resp: 879828
Ion Ratio Lower Upper
99 100
42 18.7 14.7 22.1
71 43.9 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019586.D
Acq: 07 Feb 2024 10:36

Tgt Ion: 136 Resp: 322415
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 7.3 5.3 7.9
68 5.0 4.1 6.1

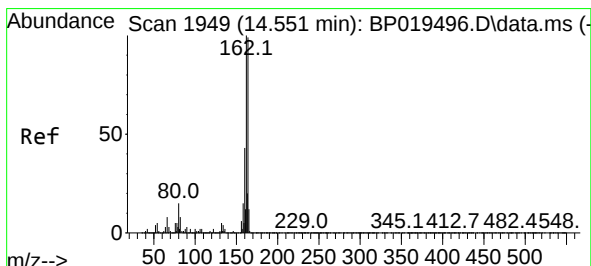
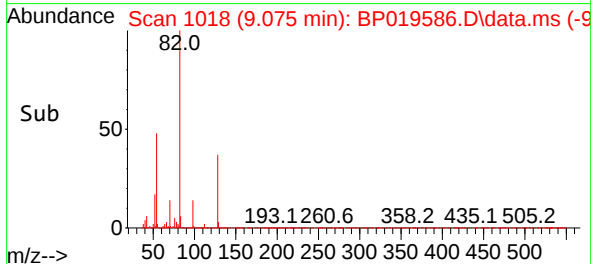
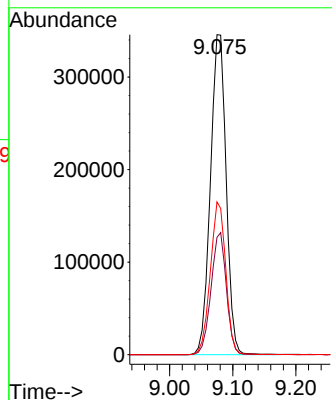
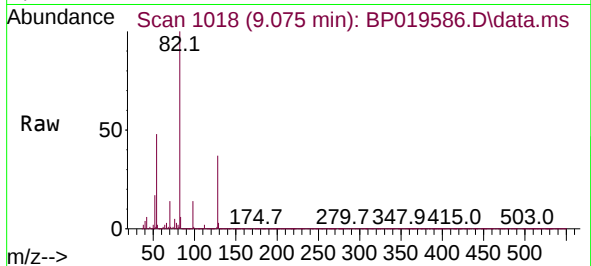




#23
Nitrobenzene-d5
Concen: 80.354 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019586.D
Acq: 07 Feb 2024 10:36

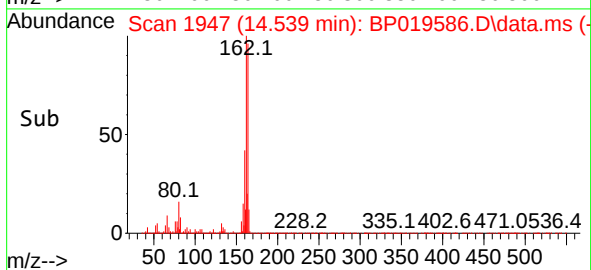
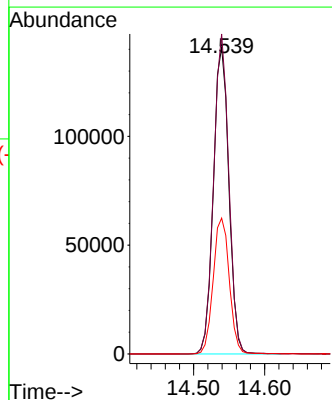
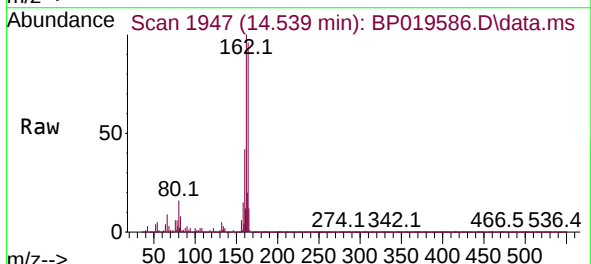
Instrument :
BNA_P
ClientSampleId :
PB158857BL

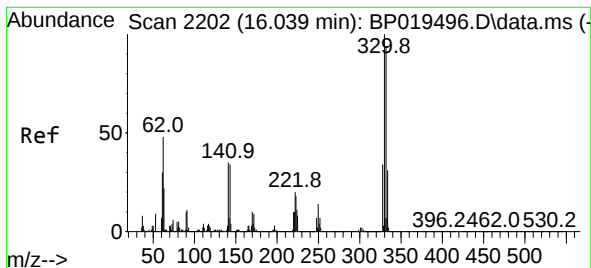
Tgt Ion: 82 Resp: 597891
Ion Ratio Lower Upper
82 100
128 36.7 29.7 44.5
54 47.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019586.D
Acq: 07 Feb 2024 10:36

Tgt Ion: 164 Resp: 213353
Ion Ratio Lower Upper
164 100
162 104.4 81.2 121.8
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.269 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019586.D

Acq: 07 Feb 2024 10:36

Instrument :

BNA_P

ClientSampleId :

PB158857BL

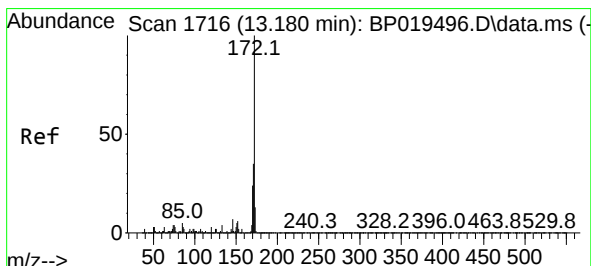
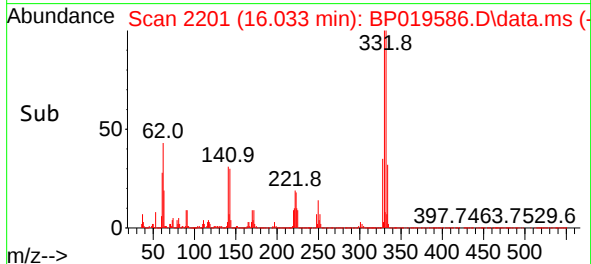
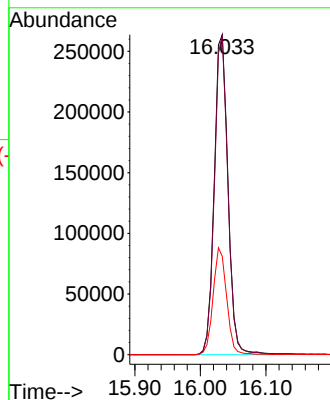
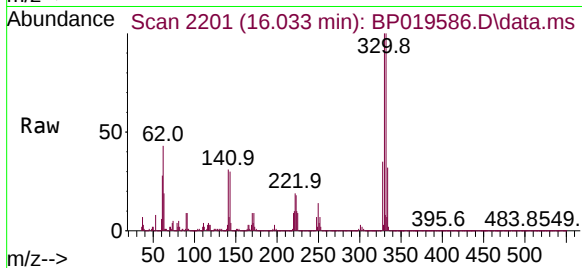
Tgt Ion:330 Resp: 383995

Ion Ratio Lower Upper

330 100

332 98.1 77.2 115.8

141 33.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.686 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019586.D

Acq: 07 Feb 2024 10:36

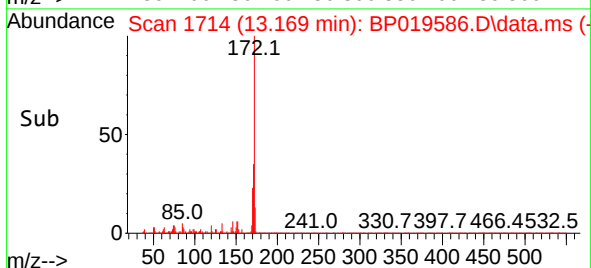
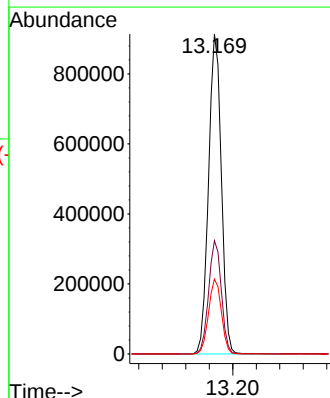
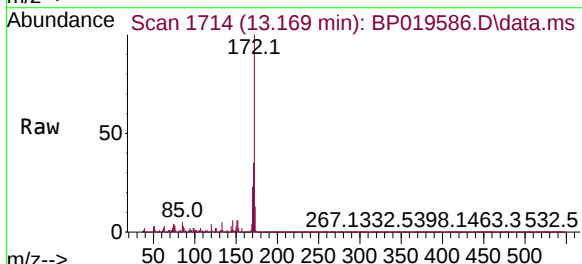
Tgt Ion:172 Resp: 1375252

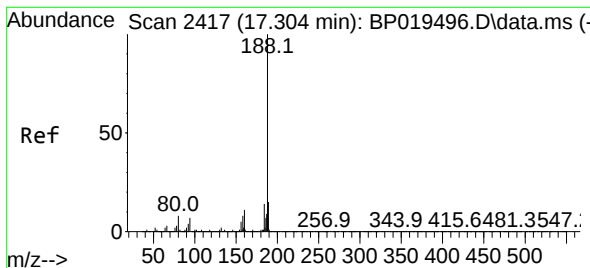
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.4 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: BP019586.D

Acq: 07 Feb 2024 10:36

Instrument :

BNA_P

ClientSampleId :

PB158857BL

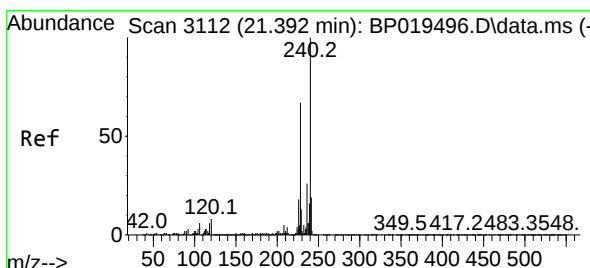
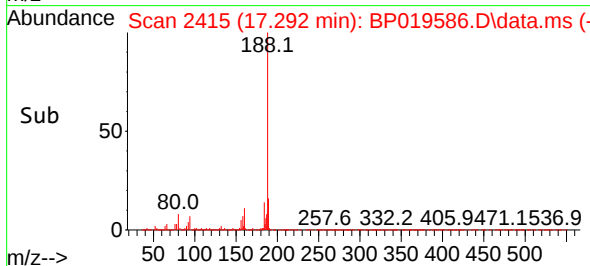
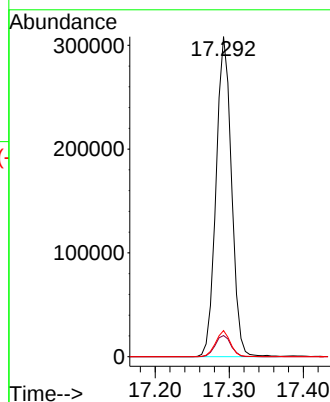
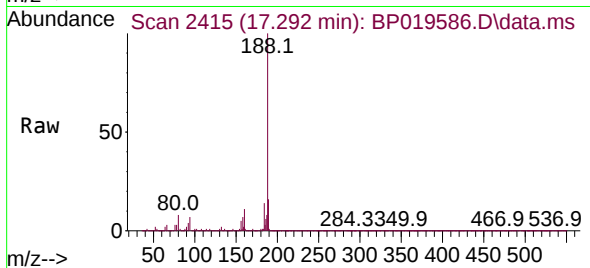
Tgt Ion:188 Resp: 446064

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 8.1 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: BP019586.D

Acq: 07 Feb 2024 10:36

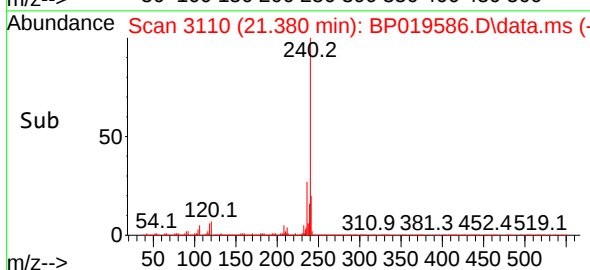
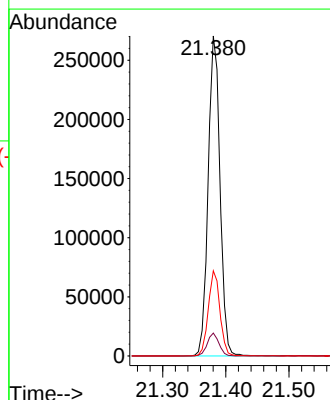
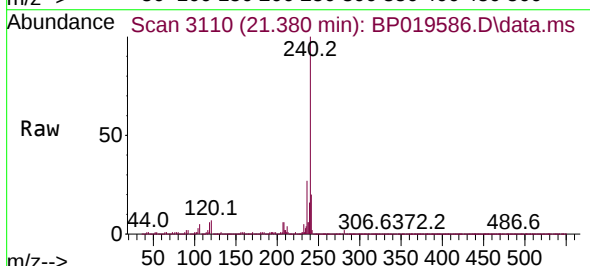
Tgt Ion:240 Resp: 352035

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

236 26.6 20.7 31.1





#79

Terphenyl-d14

Concen: 85.592 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019586.D

Acq: 07 Feb 2024 10:36

Instrument :

BNA_P

ClientSampleId :

PB158857BL

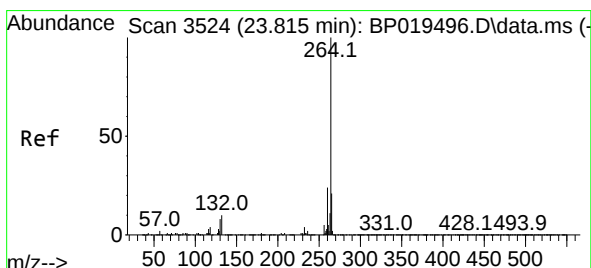
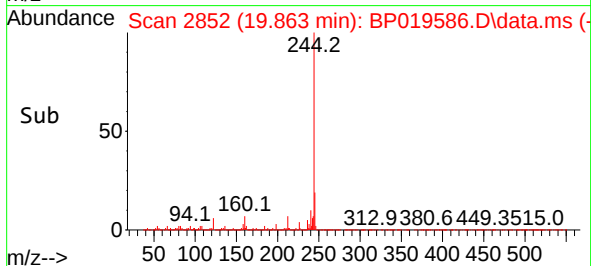
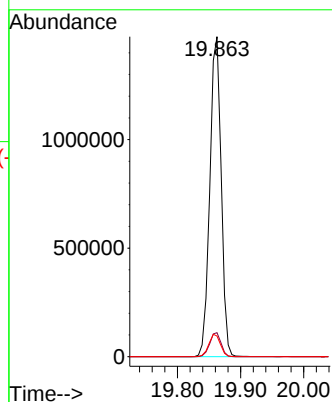
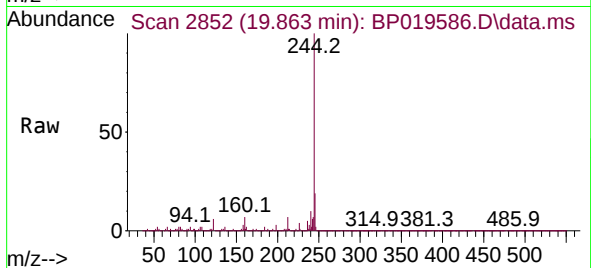
Tgt Ion:244 Resp: 1832203

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.5 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: BP019586.D

Acq: 07 Feb 2024 10:36

Tgt Ion:264 Resp: 444216

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.7 17.0 25.4

